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April 6, 2017

Ms. Joyce Munie, P.E.
Manager, Permit Section
Illinois Environmental Protection Agency
Bureau of Land
1021 North Grand Avenue East
Springfield, Illinois 62794

TACO Tier 3 Demonstration
Roxana, Illinois
1191150002 – Madison County
Equilon Enterprises, LLC d/b/a Shell Oil Products US

Dear Ms. Munie:

On behalf of Equilon Enterprises, LLC d/b/a Shell Oil Products US (SOPUS), AECOM is submitting the enclosed TACO Tier 3 Demonstration (Report). SOPUS' goal with this submittal is to present and obtain approval from the Illinois Environmental Protection Agency (IEPA) for site-specific Tier 3 remediation objectives (ROs) for soil gas. Based on a comparison of site data to the calculated Tier 3 soil gas ROs, it is SOPUS's opinion that the site data meets the proposed RO's. However, in order to determine this compliance, rebound monitoring must be completed with the Regenerative Thermal Oxidizer (RTO) turned off. Once the RTO Soil Vapor Extraction (SVE) system operations are turned off, a rebound monitoring program will be initiated to assess compliance with the soil gas ROs in the Village of Roxana and the Public Works Yard. This rebound monitoring program along with the ROs are proposed within this submittal.

The Report is presented in two parts for ease of review:

Part 1- Site Characterization Summary, presents an overview of site history and past investigations, site geology and hydrogeology, the nature and extent of petroleum hydrocarbons in soil, soil gas and indoor air, as well as temporal changes in soil gas since the startup of the SVE system. Part 1 also presents a conceptual site model (CSM) for both pre-SVE and conditions based on soil gas data through 4th quarter 2016 (4Q16) presented in the Site Characterization Summary. The presentation of temporal data provides strong evidence supporting the effectiveness of the SVE system in remediating soil gas which supports the development of Tier 3 ROs and for establishing a path forward to permanent SVE system shutdown and dismantlement.

Part 2- Tier 3 Proposal, begins with a summary of the key site characterization conclusions from Part 1, then presents an introduction to the Johnson & Ettinger (J&E) and Little, Daisy, Nazaroff (LDN) models and the overall mass flux model approach to calculating soil gas concentration end points that are protective of indoor air. Part 2 discusses the inputs used to calculate the LDN model values and presents the modeling results. Based on the results of the LDN modeling, Tier 3 ROs are presented. Using the proposed remediation objectives, Part 2 outlines suggested system shutdown and a rebound monitoring program.

AECOM

AECOM and SOPUS would like to schedule a meeting to discuss the contents of the TACO Tier 3 Demonstration. If you have any questions during your review, please contact Kevin Dyer, SOPUS Senior Principal Program Manager, at kevin.dyer@shell.com (618-288-7237), or Robert Mooshegian at robert.mooshegian@aecom.com (314-743-4106).

Sincerely,

AECOM, on behalf of Shell Oil Products US

Claire Mitchell, P.E.
Senior Engineer

Robert Billman, P.G.
Senior Project Manager

Robert E. Mooshegian, CHMM
Senior Program Manager

Enclosures: TACO Tier 3 Demonstration (Part 1 and Part 2)
Illinois EPA RCRA Corrective Action Certification Form (2 copies)

cc: James Moore, IEPA, Springfield
Gina Search, IEPA, Collinsville
Yuping Ding, IDPH
Kevin Dyer, SOPUS
Eric Petersen, Phillips 66
Shannon Haney, Greensfelder, Hemker & Gale, P.C.
Robert Ettinger, Geosyntec Consultants, Inc.
Repositories – Roxana Village Hall, Roxana Public Library, website
Project Central File

AECOM
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April 27, 2017

Ms. Joyce Munie, P.E.
Manager, Permit Section
Illinois Environmental Protection Agency
Bureau of Land
1021 North Grand Avenue East
Springfield, Illinois 62794

TACO Tier 3 Demonstration – Corrections to Part 1, Table 3-4 and Appendix 3-E
Roxana, Illinois
1191150002 – Madison County
Equilon Enterprises, LLC d/b/a Shell Oil Products US

Dear Ms. Munie:

On behalf of Equilon Enterprises, LLC d/b/a Shell Oil Products US (SOPUS), AECOM is submitting a corrected version of Part 1 Table 3-4, Summary of Soil Gas Analytical Detections and Screening Results – VOCs, and Part 1 Appendix 3-E, Cumulative Summary of Soil Gas Analytical Detections and Screening Results – VOCs, as well as a corrected Part 1 Table of Contents. Data associated with certain vapor monitoring points were inadvertently not included in the aforementioned Table and Appendix in the TACO Tier 3 Demonstration transmitted to you on April 6, 2017. Paper copies of the corrected Table of Contents and Table 3-4, and a DVD containing the revised TACO Tier 3 Demonstration are included. Replacement pages are noted as "Revision 1".

If you have any questions, please contact Kevin Dyer, SOPUS Senior Principal Program Manager, at kevin.dyer@shell.com (618-288-7237), or Robert Mooshegian at robert.mooshegian@aecom.com (314-743-4106).

Sincerely,

AECOM, on behalf of Shell Oil Products US

Claire Mitchell, P.E.
Senior Engineer

Robert Billman, P.G.
Senior Project Manager

Robert E. Mooshegian, CHMM
Senior Program Manager

AECOM

Enclosures: TACO Tier 3 Demonstration (Revised Part 1 Table of Contents and Table 3-4 (hard copy) and DVD (TACO Tier 3 Demonstration package)

cc: James Moore, IEPA, Springfield
Gina Search, IEPA, Collinsville
Yuping Ding, IDPH
Kevin Dyer, SOPUS
Eric Petersen, Phillips 66
Shannon Haney, Greensfelder, Hemker & Gale, P.C.
Robert Ettinger, Geosyntec Consultants, Inc.
Repositories – Roxana Village Hall, Roxana Public Library, website
Project Central File

Illinois Environmental Protection Agency

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

ILLINOIS EPA RCRA CORRECTIVE ACTION CERTIFICATION

This certification must accompany any document submitted to Illinois EPA in accordance with the corrective action requirements set forth in a facility's RCRA permit. The original and two copies of all documents submitted must be provided.

1.0 Facility Identification

Name: WRB Refining LP Wood River Refinery
County: Madison
Street Address: 900 South Central Avenue
Site No. (IEPA): 1191150002
City: Roxana
Site No. (USEPA): ILD080012305

2.0 Owner Information

Name: Not Applicable
Mail Address:
City:
State: Zip Code:
Contact Name:
Contact Title:
Phone:

3.0 Operator Information

Name: Equilon Enterprises LLC dba SOPUS
Mail Address: 17 Junction Drive, PMB #399
City: Glen Carbon
State: IL Zip Code: 62034
Contact Name: Kevin Dyer
Contact Title: Senior Principal Program Manager
Phone: 618-288-7237

4.0 Type of Submission (check applicable item and provide requested information, as applicable)

☐ RFI Phase I Workplan/Report
☐ RFI Phase II Workplan/Report
☐ CMP Report;
☑ Other (describe): TACO Tier 3 Demonstration: Parts 1 and 2

IEPA Permit Log No. B-43R
Date of Last IEPA Letter on Project: Jan 18, 2017
Log No. of Last IEPA Letter on Project: B-43R-CA-59, -60, -69

Does this submittal include groundwater information: ☐ Yes ☑ No

Date of Submittal: April 6, 2017

5.0 Description of Submittal: (briefly describe what is being submitted and its purpose)

Site Characterization Summary (Part 1) and Tier 3 Proposal (Part 2) related to the SVE System for the project area in Roxana, Illinois. Copies separately sent to Jim Moore and Gina Search.

6.0 Documents Submitted (identify all documents in submittal, including cover letter; give dates of all documents)

Cover Letter dated April 6, 2017, RCRA Corrective Action Certification, TACO Tier 3 Demonstration Part 1: Site Characterization Summary, and TACO Tier 3 Demonstration Part 2: Tier 3 Proposal (2 copies submitted)

7.0 Certification Statement

(This statement is part of the overall certification being provided by the owner/operator, professional and laboratory in Items 7.1, 7.2 and 7.3 below). The activities described in the subject submittals have been carried out in accordance with procedures approved by Illinois EPA. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

7.1 Owner/Operator Certification

(Must be completed for all submittals. Certification and signature requirements are set forth in 35 IAC 702.126.) All submittals pertaining to the corrective action requirements set forth in a RCRA Permit must be signed by the person designated below (or by a duly authorized representative of that person):

1. For a Corporation, by a principal executive officer of at least the level of vice president.
2. For a Partnership or Sole Proprietorship, by a general partner or the proprietor, respectively.
3. For a Governmental Entity, by either a principal executive officer or a ranking elected official.

A person is a duly authorized representative only if:

1. the authorization is made in writing by a person described above; and
2. the written authorization is provided with this submittal (a copy of a previously submitted authorization can be used).

Owner Signature: _____ Date: _____

Title: _____

Operator Signature: Kevin E Kleyer Date: 3/29/17

Title: Senior Principal Program Manager

7.2 Professional Certification (if necessary)

Work carried out in this submittal or the regulations may also be subject to other laws governing professional services, such as the Illinois Professional Land Surveyor Act of 1989, the Professional Engineering Practice Act of 1989, the Professional Geologist Licensing Act, and the Structural Engineering Licensing Act of 1989. No one is relieved from compliance with these laws and the regulations adopted pursuant to these laws. All work that falls within the scope and definitions of these laws must be performed in compliance with them. The Illinois EPA may refer any discovered violation of these laws to the appropriate regulating authority.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44 (h))

Professional's Signature: Robert Billman Date: 4/5/17

Professional's Name Robert B. Billman

Address 1001 Highlands Plaza Dr West, Suite 300

City St. Louis

State MO Zip Code 63110

Phone 314-429-0100

Professional's Seal:

LICENSED PROFESSIONAL GEOLOGIST
ROBERT B. BILLMAN
196-000646
ILLINOIS

7.3 Laboratory Certification (if necessary)

The sample collection, handling, preservation, preparation and analysis efforts for which this laboratory was responsible were carried out in accordance with procedures approved by Illinois EPA.

Name of Laboratory Not Applicable

_____ Date: _____

Signature of Laboratory Responsible Officer

Mailing Address of Laboratory

Address _____

City _____

State _____ Zip Code _____

_____

Name and Title of Laboratory Responsible Officer

AECOM

Design and Consulting Services Environmental

Submitted to:
Illinois Environmental Protection Agency-Bureau of Land
1021 North Grand Ave. East
Springfield, IL 62794

Submitted by:
AECOM
1001 Highlands Plaza Drive West, Suite 300
St. Louis, MO 63110

TACO Tier 3 Demonstration Part 1: Site Characterization Summary

Equilon Enterprises LLC d/b/a Shell Oil Products US Roxana, Illinois

April 2017
Project Number: 60527968

REDACTED DOCUMENT

PUBLIC COPY

Per request of the Illinois EPA, certain information has been redacted from this document to address privacy concerns.

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Executive Summary

On behalf of Equilon Enterprises LLC, d/b/a Shell Oil Products US (SOPUS), AECOM Technical Services, Inc. (AECOM) is submitting this Tiered Approach to Corrective Action Objectives (TACO) Tier 3 Demonstration ("Report"). The Report has been reviewed by Robert Ettinger of Geosyntec Consultants, Inc.

Since 2006, SOPUS, at the direction of the Illinois Environmental Protection Agency (IEPA), has been conducting subsurface investigations in the Village of Roxana in the area generally bounded by the alley north of East 1st Street (1st Street), the Roxana Public Works Yard, Illinois Route 111 (a/k/a South Central Avenue), and the property boundary ("West Fenceline") of the WRB Refining, LP (WRB)[1] Wood River Refinery (WRR) ("Investigation Area" or "the Site") and has operated soil vapor extraction (SVE) remediation in the vicinity of Chaffer Avenue along the West Fenceline since May 10, 2011. SOPUS' goal with this submittal is to present and obtain approval from the IEPA for site-specific Tier 3 remediation objectives (ROs) for soil gas. Based on a comparison of site data to the Tier 3 soil gas ROs, SOPUS recommends that the Regenerative Thermal Oxidizer (RTO) SVE system (SVE system) be turned off and a rebound monitoring program will be initiated. The results of the rebound monitoring will be used to assess if SOPUS' remedial efforts related to soil gas in this area are complete.

The IEPA's TACO rules (35 Illinois Administrative Code [IAC] 742) present procedures for developing soil gas remediation objectives under Tier 2 including using the Johnson & Ettinger (J&E) model. Under the Tier 2 assessment, TACO requires that institutional controls be implemented requiring future buildings are constructed with "*a full concrete slab-on-grade or a full concrete basement floor and walls*" (Section 742.1000(a)(9)). The Tier 3 ROs developed have been calculated assuming that a concrete slab-on-grade or full-concrete basement floor and walls are not present so that the institutional controls required under a Tier 2 assessment are not needed. The Little, Daisey, Nazaroff model (Little, et al., 1992) was used to develop the Tier 3 ROs. This model, hereafter referred to as LDN, is applied to buildings without concrete slabs or concrete basements.

Data presented in Part 1 of this Report support the conclusion that biodegradation of hydrocarbon vapors is occurring at the Site. However, the proposed Tier 3 ROs do not account for the effects of biodegradation on the migration of petroleum compounds in the vadose zone which incorporates added conservatism to the assessment.

Data presented in this Report demonstrate that soil gas has been remediated through the intermediate zone (e.g., to a depth of 20 feet below ground surface (bgs)). Soil gas data were compared to the proposed Tier 3 ROs within the shallow zone (e.g., to a depth of 10 feet bgs) and current soil gas concentrations meet the proposed ROs in the residential and construction worker areas[2]. Higher concentrations have been detected in samples collected at depth (e.g., below 20 feet) in certain areas; however, shallow data collected at these locations show that attenuation mechanisms decrease concentrations to below the objectives at shallow depths and the vapor intrusion (VI) pathway is not complete.

Since the site data meet the Tier 3 ROs, SOPUS proposes to shut down active SVE operations and begin a one year rebound monitoring demonstration period. The rebound monitoring program includes triggers for increased monitoring and restart of the SVE system should conditions change.

This document is presented in two parts for ease of review:

Part 1- Site Characterization Summary, presents an overview of site history and past investigations, site geology and hydrogeology, the nature and extent of petroleum hydrocarbons (PHC) in soil, soil gas and indoor air, as well as temporal changes in soil gas since the startup of the SVE system. Part 1 also presents a conceptual site model (CSM) for both pre-SVE and conditions based on data through 4th quarter 2016 (4Q16) presented in the Site Characterization Summary. The

[1] WRB, formed January 1, 2007, is a 50/50 joint venture between ConocoPhillips (COP) and EnCana US Refineries, LLC (now known as Cenovus Energy, Inc.). ConocoPhillips Company announced the separation of the Refining and Marketing business from the Exploration and Production business on July 14, 2011. The separation included an ownership change as well as a name change that became effective May 1, 2012. Phillips 66 is now the operator of the WRB WRR.

[2] With two outliers which are discussed in **Section 2.2.1** of **Part 2** of the Tier 3 Demonstration.

presentation of temporal data provides evidence of the effectiveness of the SVE system in remediating soil gas and supports the development of a path forward to permanent SVE system shutdown and dismantlement. Supporting tables, figures, and appendices are included.

Part 2- Tier 3 Proposal, begins with a summary of the key site characterization conclusions from Part 1, then introduces the J&E and LDN models and the overall mass flux model approach to calculating soil gas concentration end points that are protective of indoor and trench air. Part 2 discusses the inputs used to calculate the LDN model values and presents the modeling results. Based on the results of the LDN modeling, Tier 3 remediation objectives are proposed. Using the proposed remediation objectives, Part 2 outlines suggested system shutdown and a rebound monitoring program.

1 Introduction and Site History

SOPUS' remedial strategy for the affected portions of the Village of Roxana and the West Fenceline portion of the WRR consists of LNAPL recovery, and groundwater gradient control and mitigation of soil gas vapors within the Village of Roxana west of the WRR. These elements are briefly described below.

- **Groundwater Containment and Treatment**

  Active containment and treatment of impacted groundwater has been and continues to be achieved through operation of a network of groundwater production wells located on the North and Main Properties of the WRR. The groundwater pumping creates a broad cone of depression (capture zone) that extends into portions of the Village of Roxana, with horizontal gradients directed inward toward the interior of the North Property. Recovered groundwater is partially utilized for non-contact cooling water and fire water. After use, excess recovered groundwater is treated in the refinery's wastewater treatment plant (WWTP) and discharged under a National Pollutant Discharge Elimination System (NPDES) permit.

- **Source Removal**

  The WRR groundwater production wells remove hydrocarbon mass in the dissolved phase along with incidental amounts of light non-aqueous phase liquid (LNAPL). A LNAPL recovery system that is comprised of recovery wells with total fluids pumps operates adjacent to most of the groundwater production wells. The recovered groundwater and LNAPL is separated and the LNAPL is reprocessed in the Distilling Unit and groundwater is treated at the refinery's WWTP.

- **Soil Vapor Extraction**

  The SVE system was designed and constructed along the West Fenceline of the WRR North Property and within the Public Works Yard to address hydrocarbon vapors in the Village. The West Fenceline portion of the SVE system began operation on January 31, 2012; additional wells have been added since then. The Public Works Yard section came online December 6, 2012. The current system consists of 45 SVE wells, 31 of which are located in the WRR along the West Fenceline, nine are located on three properties near the intersection of East 4th Street (4th Street) and Chaffer Avenue, and six are located in the Roxana Public Works Yard. Collected vapors are treated with a RTO located within the WRR North Property.

The efficacy of each of these elements is measured by separate monitoring programs. Groundwater and LNAPL management is discussed in SOPUS' Groundwater Management Zone (GMZ) Proposal, submitted in May 2016 (currently pending IEPA review/approval). The GMZ was prepared as requested by the IEPA in their letter to SOPUS dated February 23, 2016 in which the IEPA agreed with the conclusion

n that groundwater within the Village of Roxana has been delineated (IEPA, 2016). Therefore, this Tier 3 Demonstration addresses soil gas and the SVE system.

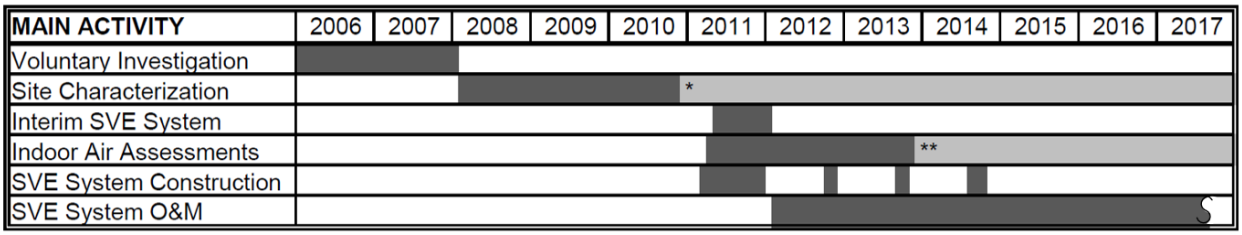
1.1 Site History and Past Investigations

SOPUS has been conducting subsurface investigations in the Village of Roxana ("Village") in the area generally bounded by the alley north of 1st Street, the Roxana Public Works Yard, Illinois Route 111, and the property boundary (a/k/a West Fenceline) of the WRB WRR (**Figure 1-1**) since 2006. This Site history section provides an overview of the major milestone events related to characterization and remediation of soil and soil gas[3] including key investigations, reports, and remedial activities.

[3] The term soil gas is used interchangeably with soil vapor throughout the report. The term "soil vapor" is generally used when descr bing an established program such as "Quarterly Soil Vapor Monitoring Program".

SOPUS retained AECOM (formerly URS Corporation (URS)) to perform remedial activities and reporting described chronologically in the Investigations and Reports Section below[4]. In addition, a graphical representation of major milestones is depicted in **Exhibit 1-1** below.

Exhibit 1-1: Main Activity



* = Sporadic data collection for focused objectives.
** = Performed if requested by home owner.

Investigations and Reports

2006 - 2008

The *West Fenceline P-93 Dissolved Phase Benzene Investigation Work Plan* (URS, 2006) was prepared due to increases in benzene concentrations in groundwater observed in 2005 during regular groundwater monitoring activities onsite at the refinery along the West Fenceline (URS, 2007). The results of this investigation included recommendations for additional investigative activities including evaluation of soil and soil gas.

A work plan for additional investigation in the vicinity of Route 111/Rand Avenue was prepared to gather data to refine the conceptual site model, evaluate potentially complete exposure pathways, and develop remedial options (URS, 2008). IEPA provided approval of, and comments on, this work plan in a letter dated November 25, 2008 (IEPA, 2008).

2009 - 2010

The soil and soil gas results of the additional investigative work performed in 2008 were presented in a report submitted to the IEPA on January 21, 2009[5] (URS, 2009a). Key conclusions presented in the report included the following:

- Soil samples generally exhibited the highest petroleum concentrations in samples between depths of 14 and 24 feet bgs, which is within clayey soils and indicative of residual hydrocarbons sorbed to the fine grained soils.
- Soil gas results collected from locations overlying the highest observed groundwater concentrations showed relatively low and sporadic benzene, toluene, ethylbenzene, and xylenes (BTEX) concentrations.

The *Dissolved Phase Groundwater Investigation and P-60 Free Phase Product Delineation Work Plan* was developed based on those conclusions, conversations with the IEPA, and SOPUS' Compliance Commitment Agreement related to a Violation Notice. The primary objectives were to assess the nature and extent of the mixed hydrocarbons identified along the WRR's West Fenceline and to further delineate the extent of impact near well P-60 (URS, 2009b).

On May 12, 2009, the IEPA provided a letter to SOPUS approving the 2009 *Dissolved Phase Investigation and P-60 Free Phase Product Delineation Work Plan* with conditions and modifications (IEPA, 2009). The results of this investigation were submitted to IEPA on February 18, 2010 (URS, 2010a) with recommendations for additional investigative work.

The IEPA provided comments on the report in a letter dated August 5, 2010 (IEPA, 2010a), which requested that existing soil gas monitoring points be sampled on a quarterly basis starting with the 3rd Quarter 2010 (3Q10) sampling event. The samples were to be analyzed for benzene, hexane, and other petroleum hydrocarbons using a modified U.S. Environmental Protection

[4] This section summarizes significant investigations, reports, and correspondence focusing on soil and soil vapor in the Village of Roxana.

[5] An initial version of the report was submitted to the IEPA in August 2008. The report was revised to incorporate comments provided by IEPA in a November 25, 2008 letter (IEPA, 2008). The revised report was submitted to the IEPA on January 21, 2009.

Agency (USEPA) Method TO-15 or similar analysis. The August 5, 2010 letter also requested that six additional vapor monitoring points (VMPs) be installed to determine the extent of the soil gas containing petroleum impact; see **Figure 1-2** for VMP locations and installation dates). The six additional VMPs were added to the program as of 1st Quarter 2011 (1Q11)[6].

An addendum to the February 18, 2010 report was submitted to the IEPA on September 20, 2010 (URS, 2010c) which included investigative activities requested in IEPA's August 5, 2010 letter. The results of this supplemental investigation complemented the results collected during the 2009 investigation.

The August 5, 2010 letter from the IEPA also required the (consecutive) submission of the following:

- Work plan to evaluate possible VI into residences, to collect sub-slab and indoor air samples, and offer interim measures to protect residence where elevated sub-slab hydrocarbons were detected, if any (Condition 4).
- Conceptual Design Report for additional corrective measures to address hydrocarbons detected along West Fenceline of the North Property (Condition 15).

The *Vapor Intrusion Investigation Work Plan* was originally submitted on September 20, 2010 (URS, 2010d), to which the IEPA provided comments to SOPUS in a letter dated November 15, 2010 (IEPA, 2010b).

2011

Scoping meetings were held with representatives of IEPA, Illinois Department of Public Health (IDPH), and Village of Roxana (Agencies), as well as SOPUS, and URS on January 6, 2011 and January 25, 2011. In addition, there was various email correspondence associated with scoping for the project. Relevant information from these communications was incorporated into a revised *Vapor Intrusion Investigation Work Plan*, which was resubmitted on March 29, 2011 (URS, 2011a).

IEPA provided approval of and comments on this work plan in a letter dated April 6, 2011 (IEPA, 2011b). The approach included evaluating potential vapor intrusion via vapor screening and sampling in structures and suggested installation and operation of a SVE system along the West Fenceline and in the Public Works Yard. Indoor air and sub-slab sampling was performed as approved in the 2011 *Vapor Intrusion Investigation Work Plan*. The results of these investigations were provided to each respective resident and the Agencies. The results are presented in **Section 3.4**.

Installation and Operation of SVE system

2010 - 2011

As a result of the vapor intrusion investigations, SOPUS proposed installation of a SVE system, pending the performance of a SVE pilot test. In December 2010, SOPUS submitted a *SVE Pilot Test Work Plan* to IEPA (URS, 2010b). The *SVE Pilot Test Work Plan* was formally approved by IEPA on March 16, 2011 (IEPA, 2011a). The SVE Pilot Test was conducted from February 28, 2011 through March 24, 2011[7] and consisted of two separate scopes of work:

1. Conduct soil vapor extraction to determine the radius of influence (ROI) for well spacing, extraction rates and pressures for blower design and vapor concentrations for treatment system design; and
2. Conducted a data gap investigation to better define the extent of impact in proximity to the West Fenceline.

The SVE pilot test consisted of a series of data collection activities at two SVE wells shown on **Figure 1-2**; SVE-1 (WRR Property) and SVE-2 (Public Works Yard). Pilot test activities consisted of applied vacuum generated through an internal combustion engine (ICE) unit increased in a step-wise fashion. The *SVE Pilot Test Report* (URS, 2011c) providing the results of this work was submitted to IEPA on July 19, 2011, which served as the basis for the SVE system design). Details regarding the SVE system design and layout are discussed in **Section 4.1**.

[6] URS on behalf of SOPUS submitted a letter on September 20, 2010 requesting an extension to certain conditions contained in the August 5, 2010 letter. This extension was approved with comments on November 15, 2010. Monitoring at the six newly installed VMPs commenced1Q11 (URS, 2010e).

[7] IEPA formally approved the pilot test work plan on March 16, 2011 (IEPA, 2011a); however, based on conversations with the IEPA, pilot test activities moved forward ahead of formal approval.

The *Conceptual/Final Design Report* required by both the August 5, 2010 and March 16, 2011 IEPA letters was submitted to the IEPA on June 10, 2011 (URS, 2011b). The SVE system was the proposed primary remedial technology. Other technologies were also considered (such as recovery of LNAPL through a skimming system, air sparge, thermal treatment, and in-situ chemical oxidation); however, for varying reasons, these technologies were not chosen for the system design (URS, 2011b). Initial SVE system design consisted of installation of twenty-eight SVE wells along the West Fenceline, six SVE wells in the Public Works Yard (**Figure 1-2**), vapor extraction components, and RTO, connected via carbon steel conveyance piping routed atop concrete supporting piers[8].

Several interim measures were undertaken while the SVE system was being installed. The use of temporary ICE units to mitigate affected soil gas around the East 4th Street and Chaffer Avenue area began on May 13, 2011, with the installation and operation of a single engine ICE unit. An additional dual engine ICE unit began operation on June 16, 2011. The ICE units were connected to wells SVE-3, SVE-4, and SVE-25, located in 4th Street near Chaffer Avenue. VMP-31 and VMP-32 were also installed and monitored on a bi-weekly basis, along with VMP-3, VMP-4, and VMP-43, to observe the influence and effectiveness of the ICE units during the interim measures period. Operation of the ICE units was considered the Interim SVE system.

2012

The ICE units were decommissioned on January 31, 2012, after startup of the SVE system. The interim measures implemented prior to the startup of the SVE system successfully reduced petroleum vapors beneath the affected structures based on the observed decrease in sub-slab soil gas concentrations.

Installation and startup of the West Fenceline portion of the SVE system was completed between March 2011 and January 2012. A *Construction Completion Report* for the West Fenceline portion of the system was submitted to the IEPA on May 30, 2012 (URS, 2012). At the time of installation of the West Fenceline portion of the SVE system, access to the Village property, including the Public Works Yard, had not yet been provided to SOPUS. An access agreement between SOPUS and the Village was executed on October 5, 2012, after which the Public Works portion of the SVE system was installed and connected. (A *Construction Completion Report Addendum* specific to the installation and connection of the six SVE wells located in the Public Works Yard was submitted to the IEPA on February 14, 2013 (URS, 2013a)).

In a letter dated September 13, 2012, IEPA provided a response to several submittals made by SOPUS regarding investigation and remediation efforts to address contamination present along/near the West Fenceline (IEPA, 2012). The September 13, 2012 letter included approval of the design and partial construction (as the letter was provided after construction activities began) per the 2011 *Conceptual/Final Design Report*. Several key conditions from the September 13, 2012 letter are outlined below.

- Condition 6 required that the initial system be expanded, if necessary, if the design did not appear to be adequately removing the contaminated soil gas from the subsurface within the investigation area.
- Condition 7 outlined the system data to be collected to ensure the system was properly operating. This system data is included as part of the Quarterly Soil Vapor Reports.
- Condition 9 requested that SOPUS install nine additional VMPs (VMP-47 through VMP-55) and identified the approximate locations and screen intervals for the additional VMPs. These VMPs were installed in December 2012.
- Condition 11 outlined effectiveness monitoring procedures required on a monthly basis to monitor the general operational effectiveness of the SVE system. This program is referred to as “Effectiveness Monitoring”. The Effectiveness Monitoring program continues to be performed as of the date of this Report and is described in **Section 4.1**. The data collected as part of the Effectiveness Monitoring program is submitted as part of the Quarterly Soil Vapor Monitoring Reports.

2013 - 2015

In August 2013, based on the results of the data collected during monthly Effectiveness Monitoring and quarterly soil gas sampling, SOPUS decided to extend the West Fenceline portion of the SVE system to the north to address soil gas

[8] Construction deviations relative to the Conceptual/Final Design Report were discussed in the Construction Completion Report submitted to the IEPA on May 30, 2012 (URS, 2012).

concentrations observed in and around VMP-47. The West Fenceline extension included the installation of five additional SVE wells (SVE-37 through SVE-41) and four additional VMP locations (VMP-57 through VMP-61). *Construction Completion Report Addendum 2* was submitted to IEPA on January 9, 2014, documenting the West Fenceline system extension (URS, 2014a).

To further evaluate remedial options, an *Air Sparging (AS) and Soil Vapor Extraction Pilot Test Work Plan* was prepared and submitted to the IEPA on August 16, 2013 (URS, 2013b). This pilot test was performed in December 2013 to evaluate the viability of AS coupled with an extension of the SVE system to enhance the performance of the existing SVE system in the vicinity of 4th Street and Chaffer Avenue. The results of this pilot test indicated that the geology of the proposed test area would impede sufficient recovery of sparge air; therefore, the AS technology was not pursued.

However, based on data collected during the AS Pilot Test, SOPUS decided to move forward with the installation of additional SVE wells and extend the existing SVE system onto the vacant, SOPUS-owned 4th Street properties. A conceptual design for this extension was developed and presented in the *Conceptual Design, SVE System Extension, 4th and Chaffer Avenue (Conceptual Design) Report*, dated July 2014 (URS, 2014b).

The 4th Street extension of the SVE system, detailed in the 2014 Conceptual Design, recommended that six additional SVE wells (SVE-42 through SVE-47) be installed on the SOPUS-owned properties. The location of each SVE well was selected based on evaluation of cone penetration test (CPT) and Rapid Optical Screening Tool (ROST™) data gathered from borings installed on the Shell-owned property[9] (AECOM, 2015b). In addition, soil gas screening data, soil gas laboratory analytical data, and system vacuum data collected monthly from VMPs located in the vicinity of the properties were used to assist in determining the locations of the proposed SVE wells. These SVE wells were installed between July 29, 2014, and August 19, 2014 and *Construction Completion Report Addendum 3* was submitted to the IEPA on March 4, 2015, documenting the extension (AECOM, 2015a).

Monitoring and Operations

The SVE system is operated in accordance with the SVE Operation and Maintenance (O&M) Plan dated February 2016 (AECOM, 2016b). Since SVE system start up on January 31, 2012, the SVE wells and RTO have operated continuously, with short periods of down time due to scheduled maintenance or unscheduled events such as power outages. SVE wells are closed as areas are remediated and a period of rebound monitoring is subsequently initiated in the area of the closed well.

The quarterly sampling requested in the August 5, 2010 letter from the IEPA continues to be performed as of the date of this Report and has been expanded to include additional VMPs that have been installed since 2010 (as required by IEPA). Quarterly Soil Vapor Monitoring Reports have been provided for each quarter since 3Q10. Subsequent correspondence between IEPA and SOPUS have modified reporting requirements; however, the program has remained generally consistent since its inception. The effectiveness of the SVE system, in removing petroleum hydrocarbons from the subsurface, which is described in subsequent sections of this Report, has prompted the development of the proposed Tier 3 remediation objectives presented in Part 2 of the Tier 3 Demonstration.

1.2 Community Relations

A Community Relations Plan (CRP), dated February 9, 2009, was developed in response to a letter from the IEPA to SOPUS dated June 13, 2008, and supplemented in an August 19, 2008 correspondence (URS, 2009c). The CRP provides information outlined in the “Right-to-Know” regulations (35 IAC Part 1600). The main components of the CRP include maintaining a repository accessible via internet (http://roxanainvestigation.urs-stl.net) (Roxana Website) as well as a local repository at the Roxana Village Hall. Additionally, several notifications and fact sheets have been prepared and provided to keep residents informed of site conditions and activities, primarily focusing on the SVE system. Fact sheets, reports, work plans, and various correspondences described in **Section 1.1** of this Report can be viewed on the Roxana Website.

[9] CPT and ROST™ borings were installed in May 2013.

2 Site Setting

The Site and surrounding area are located within the Mississippi River flood plain in the northernmost extension of an area known as the American Bottoms. The surface topography is generally flat with surface elevations range from approximately 420 to 450 feet (relative to 1988 North America Vertical Datum [NAVD]). The ground surface in the Village, where not developed with structures, is primarily grass covered with paved (i.e., chip and seal, asphalt, etc.) alleys and streets.

2.1 Geology

2.1.1 Regional Geology

Over geologic time, the Mississippi River has meandered over its floodplain, depositing various layers of fine and coarse material. This has resulted in alluvial deposits consisting of a complex, heterogeneous sequence of interbedded gravels, sands, silts, and clays throughout the floodplain. This alluvial valley fill in the vicinity of the Site has a thickness ranging from 100 to 170 feet, composed mostly of recent alluvium overlying glacial outwash material. The permeable sands and gravels in the unconsolidated valley fill provide a large resource of groundwater. Subsurface conditions underlying the Site generally consist of two primary strata: (1) a layer of shallow silty clay and (2) an underlying layer of sands with occasional interbedded silt or clay layers. The underlying glacial outwash deposits consist of more uniform sands and gravels that extend to bedrock. These alluvial and glacial materials overlie Mississippian and Pennsylvanian Age bedrock, primarily limestone and dolomite, interbedded with lesser amounts of sandstone and shale. The depth to bedrock typically ranges from 100 to as much as 170 feet bgs.

2.1.2 Site Geology

The subsurface stratigraphy at the Site was investigated by completing soil borings and CPT probes at the locations shown on **Figure 2-1**. Subsurface stratigraphy described above within the Site area generally consists of the following materials, from the ground surface down:

- Fill – The fill consists mainly of clay with varying amounts of gravel, cinders, brick, etc. The fill typically extends from the ground surface to approximately six feet bgs.
- Clay/Silt – The clay is primarily a low to medium plastic, silty clay. Where present, the clay generally extends from the base of the fill to as deep as approximately 25 feet bgs.
- Sand – The sand is primarily of fine to medium grained, which coarsens with depth and is mixed with gravels at depth. At shallower depth, silt and clay lenses may be present in localized areas. The sand begins at the base of the clay (or base of the fill if the clay is not present) and extends to the bedrock surface.

Within the sand layer, discontinuous lower permeability lenses of clay with some silt and sandy silt are occasionally present. These lenses vary in thickness from approximately one inch to a few feet and do not appear to be laterally or vertically extensive or continuous throughout the Investigation Area. They are most prevalent immediately east and west of Chaffer Avenue bounded by East 3rd Street (3rd Street) to the north and East 6th Street (6th Street) to the south. Geologic cross-sections depicting typical subsurface conditions at the Site are provided in **Figure 2-2** through **Figure 2-4**.

Additional details on the subsurface conditions at the Site can be viewed on boring logs and CPT logs provided in **Appendix 2-A** and **Appendix 2-B**, respectively. A summary of known sub-surface utilities is provided in **Table 2-1**.

2.2 Hydrogeology

2.2.1 Regional Hydrogeology

The sands and gravels in the unconsolidated valley fill of the American Bottoms Aquifer are relatively permeable and contain significant amounts of groundwater. The depth to groundwater within the aquifer is typically measured at approximately 25 to 40 feet bgs, resulting in a 15 to 30 foot thick vadose (unsaturated) zone within the unconsolidated deposits. This groundwater system is hydraulically connected to the Mississippi River. The bedrock underlying the unconsolidated valley fill has a much lower permeability and contains limited amounts of groundwater.

2.2.2 Site Hydrogeology

The typical current elevation of groundwater within the groundwater monitoring wells located throughout the Site is approximately elevation of 400 to 405 feet NAVD. In general, water levels rose since approximately 2007, reaching a maximum elevation in 2011. Groundwater elevations declined from 2011 to 2014 and began increasing through 2016. Due to this rise in groundwater elevation, most of the groundwater monitoring well screens have been submerged during many quarterly gauging events performed over the last nine years.

Groundwater at the Site and surrounding area is recharged by precipitation and surface water infiltration from bodies of water within the vicinity. Though the groundwater is hydraulically connected with the Mississippi River, given the large distance (approximately 1.5 miles) from the river, water level fluctuations due to river rise take longer to occur, and the magnitude of the fluctuations are muted in comparison to observations at locations closer to the river. In addition, high volume pumping of groundwater at the WRR facility is a significant controlling factor on groundwater levels and flow direction at the Site. The pumping of water from wells near the West Fenceline and interior water production wells contributes to the creation of a cone of depression beneath the refinery, which provides a locally inward gradient of groundwater flow toward the WRR from the Site.

3 Nature and Extent of Petroleum Hydrocarbons

This section presents an overview of the nature and extent of petroleum hydrocarbons for soil, soil gas, and indoor air based on data that has been collected at the Site through 4Q16.

3.1 Site Sampling Overview

Since 2008, a substantial number of indoor air, soil gas, and soil samples have been collected at the Site to characterize the nature and extent of petroleum hydrocarbon impact within soil and soil gas. The samples have been collected in connection with several Site investigations as well as routine monitoring programs.

The laboratory analytical samples collected at the Site through 4Q16 include over 200 indoor air samples, over 330 soil samples, and over 3,400 soil gas samples. In addition to the samples that were collected for laboratory analysis, over 17,000 soil gas samples have been collected and field-screened since 2008.

The large amount of data collected from the Site, particularly the amount of soil gas data collected during routine monthly and quarterly monitoring events, supports a strong basis of understanding of the subsurface conditions at the Site. An overview of the results of these sampling efforts is provided in **Sections 3.2**, **3.3**, and **3.4**.

3.1.1 Sampling and Analytical Procedures

Investigation work plans and monitoring plans, including sampling, analytical, and quality assurance/quality control (QA/QC) protocols, were prepared prior to sample collection. QA/QC protocols were implemented to ensure that the data are of sufficient quality to meet the investigation and monitoring objectives.

For soil samples, QA/QC protocols included collection of equipment blanks (EBs), duplicates (DUPs), and matrix spike/matrix spike duplicate (MS/MSD) samples, which were submitted to the laboratory for analysis. For soil gas and indoor air samples, QA/QC protocols included collection of DUPs, which were submitted to the laboratory for analysis. A completed sample label was attached to each sample container. The labels included the project name and number, sample identification, initials of the sampler(s), sampling location, required analysis, date and time of sample collection, pre- and post-vacuum readings (for soil gas samples), and preservative used, if any (for soil samples). Upon collection and labeling, soil sample containers were immediately placed inside an iced cooler and packed in such a way as to help prevent breakage and maintain inside temperature at or below approximately 4ºC, when required. Soil gas and indoor air samples were packaged in an UN-certified box to prevent damage to sample media during shipment.

Field personnel recorded the sample identification, sample description/location, required analysis, date and time of sample collection, type and matrix of sample, number of sample containers, preservative used (if applicable), analysis requested/comments, and sampler signature/date/time, with permanent ink on the chain-of-custody (COC). Prior to shipment of soil samples, coolers were sealed between the lid and sides of the cooler with a custody seal, and then shipped to an analytical laboratory via overnight courier. Trip blanks were included with each shipment of soil samples planned for volatile organic compound (VOC) analysis. Prior to shipment of soil gas and indoor air samples, boxes were sealed with tape and a custody seal over the top, and then shipped to an analytical laboratory via overnight courier. Due to the potential flammable nature of the vapor in the soil gas canisters, some soil gas and indoor air samples were shipped as hazardous materials according to applicable regulations.

AECOM works with laboratories to attain reporting limits for compounds that have screening criteria so that, to the extent possible, the reporting limits were less than the screening criteria. In some cases, this necessitated reporting results between the method detection limit (MDL) and reporting limit (RL). Although results reported in this range are "J"-flagged as estimated concentrations by the laboratory, these data may be beneficial in cases where analytes would otherwise be reported as non-detect at RLs above screening levels.

Laboratory data were provided in electronic form, and analytical data were independently reviewed and qualified by AECOM. One hundred percent of the data were subjected to a data quality review. Evaluation of the data followed procedures outlined in the USEPA National Functional Guidelines for Superfund Organic Methods Data Review (USEPA, 2008 and USEPA, 2014). Specific criteria reviewed included sample receipt condition and holding times, method blanks, surrogate spike recoveries, laboratory control samples, results reported from dilutions, and field duplicate results. The laboratory assigned data qualifiers on the basis of their quality control or to indicate sample analysis information (e.g., dilutions). Data qualifiers were also added by AECOM, as appropriate, and are included on the data tables and laboratory result pages. Laboratory reports are stored in the project files and were provided as part of the reports submitted to IEPA, as required.

3.2 Soil

Lithologic data and soil samples for laboratory analysis have been collected in conjunction with other targeted subsurface investigations (i.e., soil gas and groundwater investigations) at the Site as requested by IEPA and summarized in **Section 1.1** of this Report. Subsurface investigative methods have included hollow stem auger (HSA) drilling, roto-sonic drilling, direct push technology (DPT) borings, hand auger soil borings, and CPT/ROST™ soil probes. Soil samples were collected between May 2008 and October 2015.

Soil Sampling Overview

Prior to conducting investigative activities, scope and location specific access agreements were issued by the Village. Boring locations were marked in the field (e.g., with spray paint or stakes). A utility locate was arranged using Illinois's Joint Utility Locating Information for Excavators (JULIE) service. Additionally, a private utility locating service was contracted to identify private utility lines and confirm the presence of potential underground lines as marked by JULIE. The Roxana Public Works Department also reviewed the locations and provided relevant information concerning their utilities in the area.

Vacuum excavation ("air-knifing") was used to clear all borehole locations with respect to underground utility lines or other obstructions. The specific target depths of the air-knife holes were determined based upon a review of the subsurface utilities in the area with input from the Village, as appropriate, and were typically 10 feet bgs. Grab soil samples were typically collected via hand auger throughout the depth of the air-knifed hole to document lithology. Cleared locations were backfilled with clean sand and covered with a metal plate if drilling activities were not immediately commenced.

Soil borings were continuously advanced at each location to log lithology and collect representative soil samples. Subsurface stratigraphy was logged in accordance with applicable American Society for Testing and Materials (ASTM) standards, Unified Soil Classification System (USCS) protocols and applicable URS or AECOM procedures. Noted soil attributes included color, particle size, consistency, moisture content, structure, plasticity, odor (if any), and organic content (if visible). Soil samples from each boring were visually evaluated for evidence of hydrocarbon impact and screened in the field using a photoionization detector (PID), typically at 1- to 2-foot intervals. Subsurface lithologic information, PID screen results, and other observations are presented in the soil boring logs (**Appendix 2-A**).

Soil samples were collected from the majority of soil borings and submitted for laboratory analysis. Up to three soil samples were typically collected from each boring. Soil samples were typically collected from near the top of the boring, the interval with the highest PID reading or visual/olfactory indications of impact within the length of the boring, immediately above the groundwater surface, and/or from within the screened interval of the proposed location. Most of the boreholes installed were converted into VMPs, SVE wells, or groundwater monitoring wells.

Various analytical laboratories have been used for sample analysis throughout the duration of this project. Xenco Laboratories of Stafford, Texas conducted laboratory testing on soil samples from January 2008 through December 2010. Accutest Laboratories New England of Marlborough, Massachusetts conducted laboratory testing on soil samples from January 2011 through October 2015. TestAmerica Laboratories, Inc. of Pensacola, Florida conducted testing on soil samples from October 2015 to the present. Testing was conducted for requested combinations of up to the following parameters:

- VOCs via USEPA Method 8260 or USEPA Methods 8260 and 8011;
- Total Petroleum Hydrocarbons (TPH), C6-C10 range and/or C10-C28, C28-C40 ranges via EPA Method 8015; and/or
- Semi-Volatile Organic Compounds/Polycyclic Aromatic Hydrocarbons (SVOCs/PAHs) via EPA Method 8270/EPA Method 8270 Low Level.

A total of 42 CPT/ROST™ probes were also completed at the Site to provide additional information on geological conditions as well as a broad characterization on the nature and extent of hydrocarbon impact to soil beneath the Site. Utility clearance and air knifing activities were completed at CPT/ROST™ locations in a manner consistent with other soil boring locations.

The CPT/ROST™ probes were completed by hydraulically pushing a cone, equipped with a pore pressure transducer, through the soil at a consistent rate of two centimeters (cm) per second. The cone has a tip cross-sectional area of 15 cm^2 and the friction sleeve area of 200 cm^2. Measurements were collected for resistance to penetration, sleeve friction, and pore pressure once per second during advancement of each probe hole. These measurements provided soil property data, which were converted to a stratigraphic profile for each probe hole. CPT logs are provided in **Appendix 2-B**.

ROST™ technology was used in conjunction with the CPT at each of the 42 probe locations completed at the Site. The ROST™ system used at the Site consisted of a tunable laser mounted in a CPT rig connected to a down-hole sensor. The down-hole sensor consisted of a small diameter sapphire window mounted flush with the side of a CPT probe. The down-hole ROST™ sensor was deployed utilizing standard CPT technology as described above.

As the ROST™ sensor was hydraulically advanced, the laser and associated equipment transmitted 50 pulses of light per second to the sensor through a fiber optic cable. The wavelength of the pulsed excitation light could be set to wavelengths between 280 and 300 nanometers (nm). An excitation wavelength of 290 nm (i.e., Site specific) was used for each test during this project. The laser light was transmitted through the sapphire window and was absorbed by aromatic hydrocarbon molecules in contact with the window. This addition of energy (photons) to the aromatic hydrocarbons caused them to fluoresce. A portion of the fluorescence emitted from any encountered aromatic constituents was returned through the sapphire window and conveyed by a second fiber optic cable to a detection system within the CPT rig. The emission data resulting from the pulsed laser light was averaged into one reading per one second interval (approximately one reading per two cm vertical interval) and recorded continuously. Based on the returned fluorescence wavelength and intensity, likely hydrocarbon type and percent fluorescence within the subsurface were determined. ROST™ logs can be viewed in **Appendix 3-A**. Upon completion, CPT/ROST™ probe holes were backfilled with grout and completed to match the surrounding ground surface.

Soil Investigation Results Summary

The laboratory analytical results for soil samples collected at the Site are provided in **Appendix 3-B**, Summary of Soil Analytical Data. The laboratory analytical results, CPT/ROST™ data, and subsurface geologic information gathered from soil borings were used to determine the nature and extent of petroleum hydrocarbon impact to subsurface soils at the Site.

In the soil samples collected at the site (over 330) one or more BTEX constituents were detected in 61-65 percent of the samples analyzed by the laboratory. BTEX constituents are considered to be the most representative indicators of soil impact at the Site and, as such, are presented throughout this Report.

The distribution of pre-SVE system petroleum hydrocarbons in soil is depicted on the cross-sections on **Figures 3-1** and **3-2**. **Figure 3-1** consists of a north to south cross-section along Chaffer Avenue and a west to east cross-section along 4th Street depicting PID concentrations (ppm) in soil prior to SVE installation. **Figure 3-2** presents the same cross-sections depicting BTEX concentrations (mg/kg) in soil prior to SVE installation. All cross-section concentration contour data were generated using CTech™ Environmental Visualization Software (EVS). Concentrations between known data points are interpolations and extrapolations of measured data. The bottom of the model represents an average potentiometric groundwater surface for the monitoring period.

These figures show the vertical and horizontal distribution of PID readings, and BTEX in soil in portions of the Site. Taken together in conjunction with the subsurface geology cross sections (**Figure 2-2** through **Figure 2-4**), the soil data indicate the following:

- Based on PID screening and laboratory analysis of soil samples, aromatic petroleum hydrocarbon impact existed in the vicinity of 4th Street and East 5th Street (5th Street) prior to SVE system installation and operation.
- Prior to SVE system installation, as shown on **Figure 3-1** and **Figure 3-2**, aromatic petroleum hydrocarbons existed in silt and clay layers at intermediate depths (10 to 20 feet bgs) in the vadose zone beneath limited portions of the Site adjacent to Chaffer Avenue. The highest concentrations of petroleum hydrocarbons were present in the soil samples analyzed in a localized area near 4th Street.
- As depicted on **Figures 3-1** and **3-2**, aromatic petroleum hydrocarbons exist in deep soils (approximately 30 to 50 feet bgs) in the soil samples analyzed in portions of the Site adjacent to Chaffer Avenue and within the soil samples analyzed adjacent to the Public Works Yard portion of the Site.

3.3 Soil Gas

SOPUS has been investigating and delineating soil gas in the Investigation Area through the installation, development, and quarterly analytical sampling of VMPs. VMPs sampled during quarterly monitoring events were installed based on correspondence with the IEPA as described below.

- VMP-1 through VMP-16 were installed in July and August 2009 based on a work plan submitted to IEPA on January 21, 2009 (URS, 2009b). Due to the presence of elevated soil gas concentrations, SOPUS operated a temporary SVE system from May 10, 2011 until January 31, 2012 when a completed SVE system was turned on. Refer to **Section 4** for further discussion on SVE system design and operation.

- VMP-17 though VMP-19 and an additional port at VMP-3 were installed in the Spring/Summer 2010 based on recommendations from the Dissolved Phase Groundwater Investigation and P-60 Free Phase Product Delineation Report, dated February 18, 2010 (URS, 2010a).

- VMP-20 through VMP-25 were installed in 1Q11 based on comments from IEPA in a letter to SOPUS dated August 5, 2010 (IEPA, 2010a).

- VMP-31, VMP-32 and VMP-42 through VMP-45 were installed as a result of a meeting between SOPUS and the IEPA on February 8, 2012. VMP-31 and VMP-32 were installed in 2nd Quarter 2011 (2Q11) to monitor soil gas during operation of the ICE unit located near 4th Street and Chaffer Avenue. VMP-42 through VMP-45 were installed during the 3rd Quarter 2011 (3Q11) and 4th Quarter 2011 (4Q11) in conjunction with the SVE system installation to monitor soil gas concentrations.

- VMP-29, VMP-30 and VMP-41 were installed based on a September 13, 2012 letter from the IEPA (IEPA, 2012). These VMPs are located within the Roxana Public Works Yard.

- VMP-47 through VMP-55 were installed during the 4th Quarter 2012 (4Q12) in the Village.

- VMP-62 through VMP-64 were installed during the 4th Quarter 2013 (4Q13) in the Village based on recommendations from the Roxana Soil Vapor Delineation near VMP-47 Work Plan, dated September 13, 2013 (URS, 2013c).

- VMP-31 was abandoned and replaced in the quarterly sampling program by VMP-56[10] based on an April 9, 2014 letter from the IEPA (IEPA, 2014).

In addition to the VMPs listed above, numerous VMPs have been installed in the WRR to monitor SVE system effectiveness and are not monitored for analytical data on a quarterly basis. The complete soil gas sampling network, including VMPs only sampled during monthly SVE effectiveness events, currently consists of 63 VMP locations (**Figure 1-2**), of which 46 locations are currently being utilized for quarterly sampling. A summary of VMP screen depths is provided in **Table 3-1**.

[10] Data from VMP-31 indicated the integrity of some of the ports was compromised, and it was replaced with VMP-56.

Soil gas samples collected through January 31, 2012 are representative of subsurface petroleum hydrocarbon concentration prior to operation of the SVE system. Soil gas samples collected after January 31, 2012 were taken after startup of the SVE system.

Soil Gas Sampling Overview

Soil gas sampling activities were attempted at each required VMP location[11] within the Investigation Area during each quarterly monitoring event. The sampling was performed in accordance with Standard Operating Procedures (SOPs) developed in part using input provided by IEPA and ASTM D-7663-12.

The following steps were used to collect each VMP sample:

- Upon arrival at a sampling location, the sampling crew would open the vapor port vault to visually check integrity of each individual VMP.
- The sample train was set up and connected directly to the monitoring port using compression ferrule connections. Each flow controller is pre-set by the laboratory to collect the sample over a five minute period. 1-Liter stainless steel canisters (e.g., SUMMA® canisters), hereafter "canisters", were used to collect samples at a rate of approximately 167mL/min, which is lower than the maximum sample collection rate identified in the IEPA TACO guidance (approximately 200 mL/min). Once the sample train was assembled, a vacuum leak check was performed.
- An enclosure was then placed over the VMP and the sample train assembled. The enclosure was sealed to the ground at each location with a hydrated bentonite seal.
- Helium gas was introduced into the enclosure until the atmosphere reached a concentration of approximately 50% helium.
- Three well volumes were purged from each VMP prior to sampling using a 15 milliliter (mL) hand pump. If the pump gauge held a vacuum or produced water when purged, the VMP screen was presumed to be occluded by groundwater or saturated and no sample was collected.
- After purging was completed, a soil gas sample was collected in a Tedlar® bag using a peristaltic pump. A Dielectric Technologies MGD-2002 (MGD-2002) field analyzer was then used to detect possible helium within the Tedlar® bag sample.
- Once the initial helium leak check was completed, the canister valve was opened to collect a sample for approximately five minutes or until a vacuum gauge reading of 5 inches Hg was observed. After sample completion, the canister valve was closed.
- A second Tedlar® bag was filled following the completion of the canister sampling. Soil gas readings were taken from the Tedlar® bag sample for total volatile organics with either a Thermo Scientific TVA 1000 Vapor Analyzer or a RAE® Systems ppbRae 3000 - PID and a Thermo Scientific TVA 1000 Vapor Analyzer - Flame Ionization Detector (FID); and for carbon dioxide (CO_2), methane (CH_4), lower explosive limit (LEL), and oxygen (O_2) with a Landtec GEM™ 2000 landfill gas meter. Readings were also obtained and recorded for helium with a MGD-2002 field analyzer. This check was used to verify the sample train integrity during and at the completion of sampling.
- At the completion of sampling, the canister and flow controller were removed and separated from the sample train and a final vacuum reading was recorded.
- Field duplicates were collected by including an additional T-connection in the sample train and attaching a second canister with a separate flow controller. Both the original and duplicate samples were started at the same time.

Field personnel and equipment underwent decontamination procedures to ensure the health and safety of those present, to maintain sample integrity, and to minimize cross-contamination. Non-disposable/reusable sampling equipment (e.g., compression fittings) was decontaminated prior to the collection of each analytical sample by spraying with Liquinox® and distilled water. For stainless steel vapor sampling equipment, a 15 mL hand pump was attached to the sampling apparatus and ambient air was pumped into the sampling apparatus to remove any internal dust particles or moisture. Personnel and small equipment decontamination was performed at the sample locations.

[11] The number of required VMPs in the sampling program varied over time with the installation of additional VMPs.

Eurofins Air Toxics, Inc. (Eurofins) of Folsom, California conducted the laboratory testing utilizing the following test methods:

- VOCs via Modified USEPA Total Organic-15 (TO-15) (including butane and isopentane) for soil gas, and
- Natural gases (defined for purposes of this Report as oxygen, nitrogen, carbon monoxide, methane, carbon dioxide, ethane, and ethene) via Modified ASTM D-1946 + Helium for soil gas.

Soil gas samples were analyzed for the following analytes via TO-15[12]:

Acetone	cis-1,3-Dichloropropene	Ethanol	Styrene
alpha-Chlorotoluene	Cumene	Ethyl Benzene	1,1,2,2-Tetrachloroethane
Benzene	Cyclohexane	4-Ethyltoluene	Tetrachloroethene
Bromodichloromethane	Dibromochloromethane	Freon 11	Tetrahydrofuran
4-Bromofluorobenzene	1,2-Dibromoethane (EDB)	Freon 113	Toluene
Bromoform	1,2-Dichlorobenzene	Freon 114	Toluene-d8
Bromomethane	1,3-Dichlorobenzene	Freon 12	1,2,4-Trichlorobenzene
1,3-Butadiene	1,4-Dichlorobenzene	Heptane	1,1,1-Trichloroethane
Butane	1,1-Dichloroethane	Hexachlorobutadiene	1,1,2-Trichloroethane
2-Butanone (MEK)	1,2-Dichloroethane-d4	Hexane	Trichloroethene
Carbon Disulfide	1,2-Dichloroethane	2-Hexanone	1,2,4-Trimethylbenzene
Carbon Tetrachloride	1,1-Dichloroethene	Isopentane	1,3,5-Trimethylbenzene
Chlorobenzene	cis-1,2-Dichloroethene	Methyl tert-butyl ether	2,2,4-Trimethylpentane
Chloroethane	trans-1,2-Dichloroethene	4-Methyl-2-pentanone	Vinyl Chloride
Chloroform	1,2-Dichloropropane	Methylene Chloride	m,p-Xylene
Chloromethane	trans-1,3-Dichloropropene	2-Propanol	o-Xylene
3-Chloropropene	1,4-Dioxane	Propylbenzene	

Volatile Organic Compound Sampling Results

A summary of the field-screened soil gas samples (i.e., Tedlar® bag samples) collected concurrently with the last eight quarters (3Q15 through 4Q16) of soil gas analytical samples is presented in **Table 3-2.** A historical table of results is provided in **Appendix 3-C**. A summary of field-screened soil gas samples collected during the last 24 months of Monthly Effectiveness Monitoring activities are presented in **Table 3-3.** Monthly Effectiveness Monitoring VMP sampling data is provided in **Appendix 3-D**. TO-15 results for the last eight quarters of soil gas samples collected in the Investigation Area are provided in **Table 3-4**, and a historical table of these results is provided in **Appendix 3-E.**

The vertical and horizontal distribution of hydrocarbons in soil gas prior to the SVE system (2011) and more recently after system startup (2012 to 2016) is depicted on **Figures 3-3** through **3-10**. **Figures 3-3** through **3-6** present the distribution of Total Hydrocarbon Concentration (THC) in soil gas over time in the Village at 5, 10, 20, and 30 feet bgs, respectively. **Figures 3-7** through **3-10** present the distribution of benzene concentration in soil gas over time in the Village at 5, 10, 20, and 30 feet bgs, respectively. These figures were generated using EVS to create a 3-dimensional model which depicts the distribution of THC throughout the Investigation Area. For presentation purposes in this Report, depth specific horizontal slices are presented (5, 10, 20, and 30 feet bgs) and represent interpolations and extrapolations of measured data. The bottom of the model represents an average potentiometric groundwater surface.

The data depicted in **Figures 3-3** through **3-10** indicate that prior to SVE installation elevated hydrocarbon concentrations were present in the SVE wells screened within vadose zone in the Investigation Area. The figures show that hydrocarbon and benzene concentration decreased significantly after the SVE system became operational. These reductions in concentration at shallow (approximately 0-10 feet bgs) to intermediate (approximately 10-20 feet bgs) depths have continued through 4Q16 and indicate that the SVE system has remediated significant portions of the Investigation Area. However, elevated hydrocarbon and benzene concentrations remain at deeper (greater than 20 feet bgs) VMPs within the Investigation Area. **Exhibit 3-1** and **Exhibit 3-2** below depict the reductions in benzene soil gas concentration over time at depths in the shallow and intermediate (10-20 feet bgs) zones.

[12] Naphthalene is not an analyte on the project's TO-15 analyte list; however, analytical results for naphthalene were requested in February 2017 for 1Q13 and 4Q16. Results are presented in **Table 3-4** and **Appendix 3-E.**

Exhibit 3-1: Benzene in Shallow Soil Gas Over Time (10 feet bgs) (Figure 3-8)

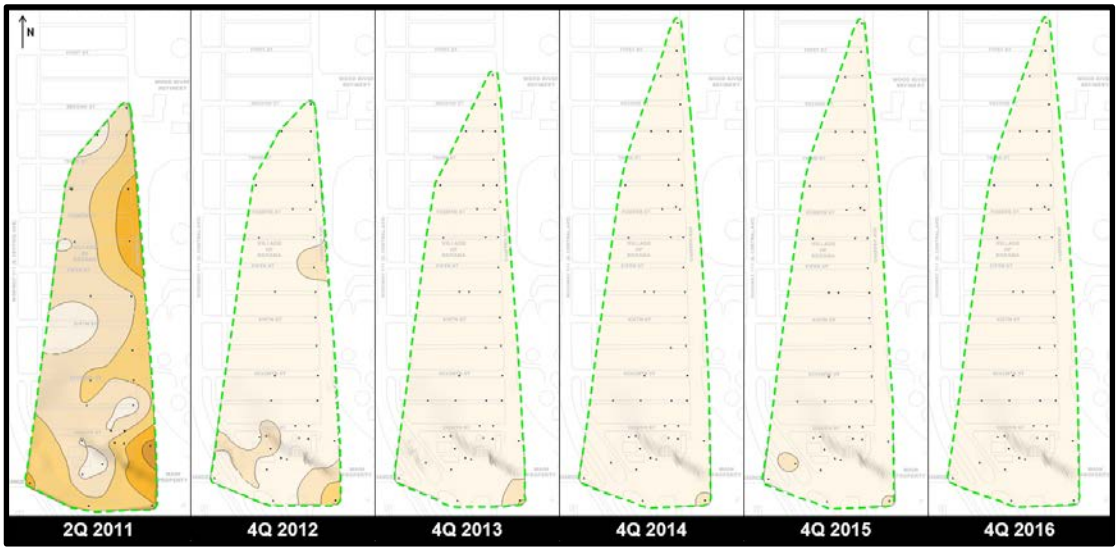
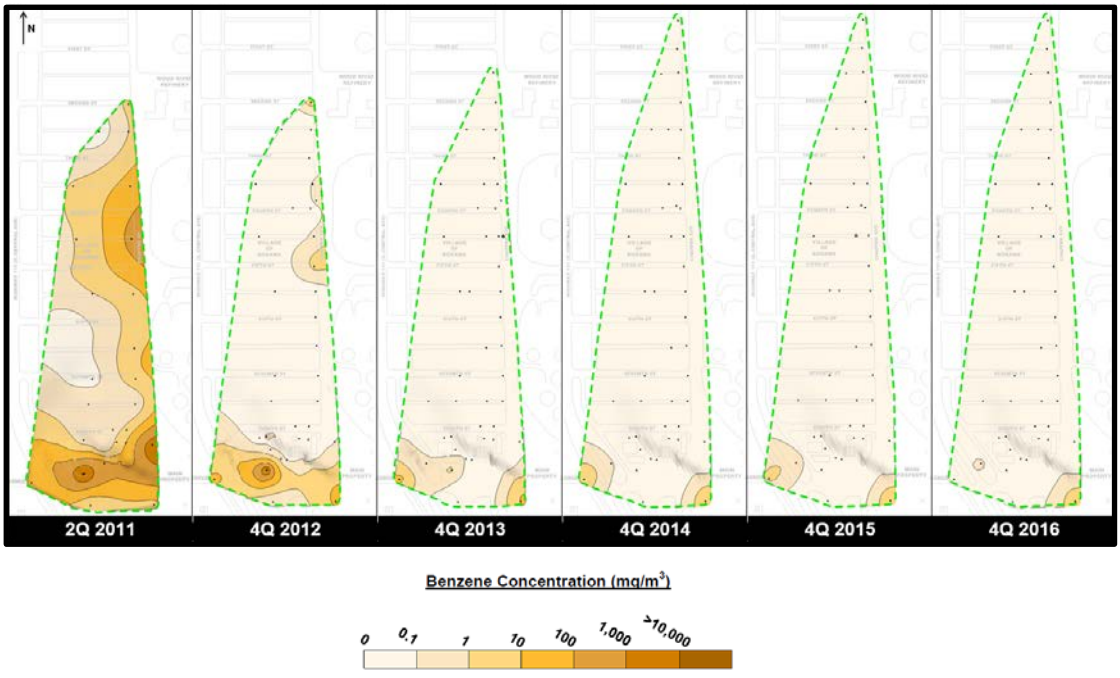


Exhibit 3-2: Benzene in Intermediate Soil Gas Over Time (20 feet bgs) (Figure 3-9)



Methane and Natural (Fixed) Gases Sampling Results

A summary of the natural (fixed) gas results for the last six quarters is presented in **Table 3-5**, while a historical summary of these results can be viewed in **Appendix 3-F**. The vertical and horizontal distribution of pre-SVE system and post-SVE system methane in soil gas is depicted on **Figures 3-11** through **3-14**, showing the methane distribution in soil gas over time in the Village at 5, 10, 20, and 30 feet bgs, respectively. Similar to the results seen with hydrocarbons above, elevated methane levels were present in the shallow vadose zone before the SVE system became operational and quickly decreased after the system came on-line. **Exhibit 3-3** and **Exhibit 3-4** below depict the temporal change of methane in soil gas over time in the shallow (0-10 feet bgs) and intermediate zones (10-20 feet bgs).

Exhibit 3-3: Methane in Shallow Soil Gas Over Time (10 feet bgs) (Figure 3-12)

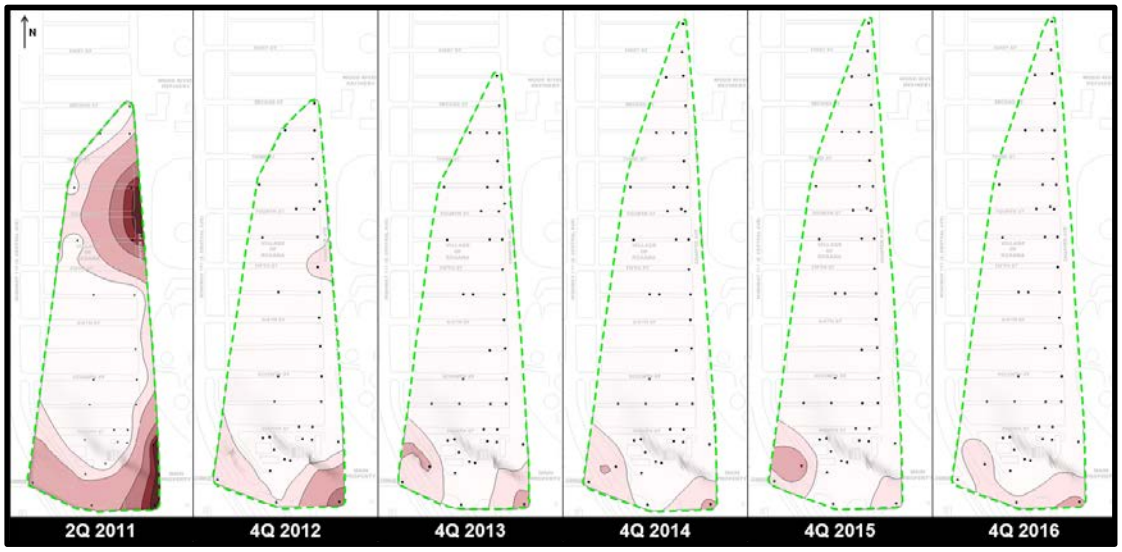
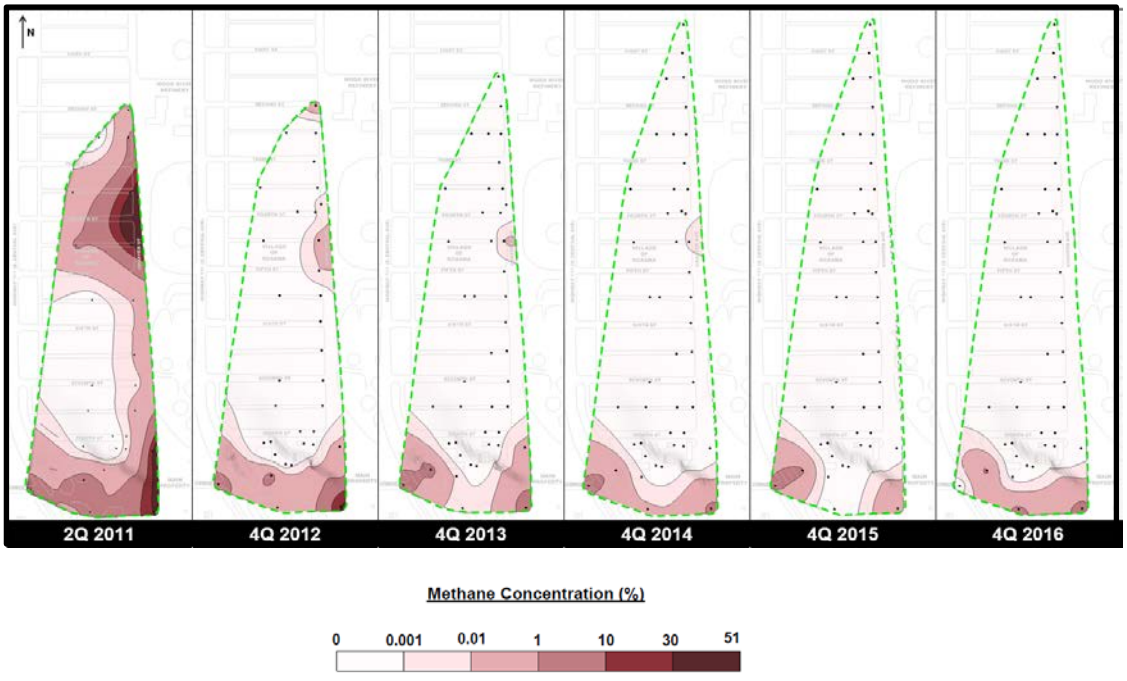


Exhibit 3-4: Methane in Intermediate Soil Gas Over Time (20 feet bgs) (Figure 3-13)



Natural (fixed) gas data indicate that, where petroleum impacts are present, the concentration of methane increases from shallow to deep sample depths, while oxygen concentrations decrease from shallow to deep sample depths (methane and oxygen are generally inversely correlated in soil gas). The trend in oxygen levels in most VMPs has been generally increasing, while methane levels have been generally decreasing since the SVE system has been operating. Oxygen levels appear to be increasing in VMPs closer to the SVE system (e.g., along Chaffer Avenue) in the Village and carbon dioxide levels are relatively high throughout the soil column at many locations. The combination of low oxygen, high carbon dioxide and elevated methane levels is indicative that degradation of petroleum hydrocarbons is occurring via aerobic biodegradation.

3.4 Indoor Air

Indoor Air and Sub-slab Soil Gas Sampling

Indoor residential sampling was conducted within the Investigation Area in accordance with the requirements established in a letter from the IEPA dated April 6, 2011 (IEPA, 2011b). Residential sampling was conducted from 2011 to 2013, with the majority of sampling taking place before the SVE system start up on January 31, 2012. The structures that were sampled are shown on **Figure 3-15**. An initial set of residences was identified, and notification letters were sent to those residences on February 3, 2011. Further, any additional residents within the Investigation Area were allowed to opt into the indoor sampling program. This program continues through 4Q16. Sampling proceeded at those residences whose property owners signed an access agreement. Fifty-five structures have been sampled as of December 31, 2016.

Prior to sampling, a walk-through assessment survey was conducted, and included a visual inspection of the residence and an interview with the building owner/occupant. The owner/occupants were asked to remove any potential indoor emission sources at least 48 hours prior to sampling. Additionally, the location of drains, cracks, and utility entrances were noted and a sketch of the basement layout (or first floor if basement was not present) was made. IEPA and/or IDPH were typically onsite during the initial meeting with the owner/occupant.

Prior to sample collection, indoor air was screened using FID, PID, and LEL meters and a methane detector. Measurements were collected from the first floor, basement (if present), and crawl space (if present). Measurements in basements were collected within two inches of drains, and at any wall or floor penetrations. IEPA and/or IDPH were typically onsite during indoor air sampling events.

Indoor Air and Sub-slab Soil Gas Sampling Overview

Indoor air samples were collected via 6-Liter stainless steel canisters, three to five feet above floor level, over a 24-hour period, and in accordance with relevant SOPs. If present, samples were collected in a basement, the central living area of the first floor, the entrance to a crawl space, and in an attached garage. At residences where indoor air samples were collected, a corresponding upwind, outdoor air sample was also collected. Indoor air samples were analyzed via Modified USEPA Method TO-15 (low level) and Modified ASTM D-1946 (methane only) and screened against residential indoor air criteria. Outdoor and attached garage samples were analyzed via Modified USEPA Method TO-15 (low level).

Indoor and outdoor air samples were analyzed for the following petroleum hydrocarbons:

Benzene	n-Propylbenzene
Toluene	Isopentane
Ethylbenzene	n-Butane
m,p-Xylene	Cyclohexane
o-Xylene	2,2,4-Trimethylpentane
1,2,4-Trimethylbenzene	1,4-Dioxane
1,3,5-Trimethylbenzene	TPH-g
n-Hexane	Methane

Sub-slab soil gas samples were collected via 1-Liter stainless steel canisters over a two-hour period at up to three locations per basement, in accordance with relevant SOPs. Sub-slab monitoring points (SSMPs) were installed by drilling a hole through the concrete slab in a location which minimized visible floor damage. A Tedlar® bag sample was collected from the SSMP and was screened with FID, PID, LEL meters and a methane detector. A sample shroud with helium tracer gas was used to detect any leaks in the sub-slab sampling process. Expandable concrete was used to repair damage to the concrete slab prior to leaving the residence. Sub-slab samples were analyzed via Modified USEPA Method TO-15 (standard) and modified ASTM D-1946 + helium.

Sub-slab soil gas samples were analyzed for the same petroleum hydrocarbons above plus helium, oxygen, nitrogen, carbon dioxide, carbon monoxide, ethane, and ethene.

Indoor Air and Sub-slab Soil Gas Sampling Results

Either an indoor air FID reading greater than 20 ppm or an indoor air LEL reading greater than zero was observed on two occasions at the time of sampling. However, the two occurrences of elevated FID or LEL readings in indoor air observed during the project were both attributable to natural gas leaks present within the respective residences. There were three occasions where a sub-slab FID reading greater than 500 ppm or a sub-slab LEL greater than zero was recorded. This occurred at the residences at [redacted]. As discussed in **Section 1.1**, the residents were offered alternative housing and mitigation measures at their respective properties during the interim measures period.

Data for indoor air were compared to project-specific screening levels as contained in the Vapor Intrusion Investigation Work Plan. These levels are summarized in **Exhibit 3-5** below.

Exhibit 3-5: Residential Indoor Air Screening Criteria

Constituent	Screening Level (mg/m^3)
Benzene	0.010 0.029 (acute)
Toluene	5.2
Ethylbenzene	a
m,p-Xylene	0.73
o-Xylene	0.73
1,2,4-Trimethylbenzene	0.0073
1,3,5-Trimethylbenzene	a
n-Hexane	0.73
n-Propylbenzene	1.0
Isopentane	a
n-Butane	a
Cyclohexane	6.3
2,2,4-Trimethylpentane	a
1,4-Dioxane	a
TPH-g	a
Methane	a

(a) – No screening level has been established for this constituent or category. Data were generated for informational purposes only.

A summary of indoor and outdoor air sampling results is presented in **Table 3-6**. Results of the indoor air sampling indicated the presence of most of the target constituents below the IEPA approved project screening levels at the majority of the properties sampled. In addition to the LEL and FID results, indoor air detections above the project screening levels in **Exhibit 3-2** were observed at seven residences during the project. IDPH reports that the contaminant concentrations detected in indoor air at non-smokers' homes and in public buildings were not at levels that would present a health concern for residents or occupants. At a few homes where tobacco smoking was an additional indoor source of benzene, concentrations of benzene were detected above IEPA approved project screening levels; however, in most of those cases, the benzene vapor concentrations beneath the home were low, and in each case IDPH determined the indoor air benzene concentrations were not attributable to petroleum product vapor intrusion (IEPA, 2013).

Data associated with sub-slab soil gas samples were compared to IEPA's Tier 1 soil gas remediation objectives, as presented in 35 IAC Part 742, Appendix B, Table H. These levels are summarized in **Exhibit 3-6** below.

Exhibit 3-6: Residential Sub-slab Soil Gas Screening Criteria

Constituent	Screening Level (mg/m^3)
Benzene	0.37
1,4-Dioxane	0.22
Ethylbenzene	1,400
Toluene	6,200
m,p-Xylene	130
o-Xylene	120

A summary of sub-slab sampling results is presented in **Table 3-7**. Results of the sub-slab sampling indicated detections of target constituents were below the project screening levels with a few exceptions. Exceedances of project screening levels were observed at [redacted]. The sub-slab exceedances were observed before the SVE system became operational along the West Fenceline. Resamples were collected from sub-slab monitoring points that exhibited an exceedance after SVE system startup (except for [redacted] where access as not given) and concentrations decreased to levels below the screening criteria.[13] This indicates that the sub-slab exceedances were remediated by the SVE system.

3.5 Conceptual Site Model

The CSM for soil and soil gas is structured on the current understanding of Site conditions based on information presented in **Section 3**. Two CSMs are presented in this Section. The first is from a time period prior to SVE system startup (Pre-SVE Conceptual Site Model), and the second represents current Site conditions (Present-Day Conceptual Site Model). The reason for this distinction is that the SVE system has substantially improved soil gas quality at the Site; as such, both scenarios are important to fully understand Site conditions.

3.5.1 Pre-SVE Conceptual Site Model

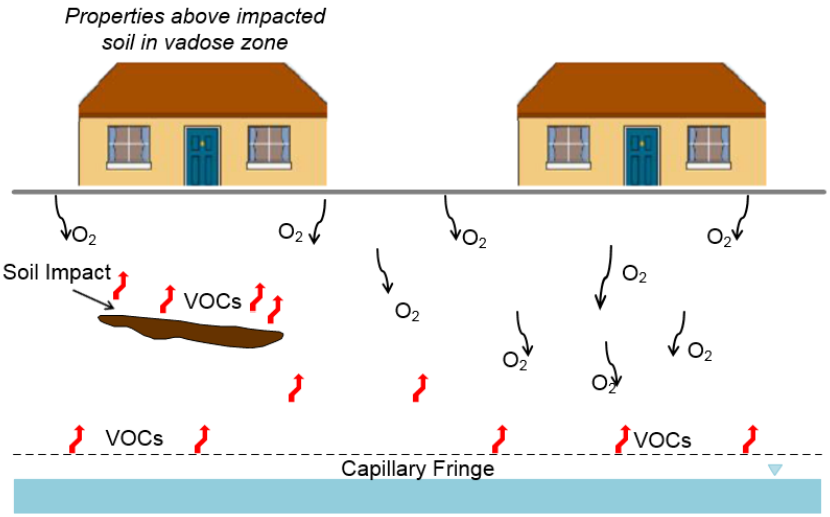
The CSM diagram for pre-SVE conditions is shown in **Exhibit 3-7** below. The data indicate that impacted soil and soil gas existed beneath limited areas in the eastern portion of the Site along Chaffer Avenue and limited areas in the southern portion of the Site in proximity of the Public Works Yard. Prior to operation of the SVE system, portions of the Site contained elevated concentrations of aromatic hydrocarbons (e.g., BTEX) in soil gas at the shallow and intermediate depths. The data indicate that the impacted shallow soil gas originated from hydrocarbon-impacted low permeability soils at intermediate depths in the vadose zone which were volatilizing and moving upward through the soil column. Elevated concentrations in soil and soil gas at depth (greater than 20 feet bgs) were a result of fluctuations in groundwater elevation within the dissolved phase plume[14]. Data suggests oxygen levels in the areas of the Site where intermediate soil impact was observed were lower than in areas without intermediate soil impact. This observation is likely the result of biodegradation activity occurring at a shallower depth than in areas with only deeper contamination.

Due to the nature of the constituents present at the Site, vapor intrusion into residences is the primary exposure pathway of concern at the Site. Although sub-slab soil gas samples from a limited number of residences contained elevated hydrocarbon concentrations, indoor air sampling did not identify vapor intrusion as discussed in **Section 3.4**.

[13] Soil gas samples were collected at [redacted] using Tedlar® bags through September 20, 2012 as a canister sample was unable to be collected. Measured FID concentrations were significantly lower than in the FID concentration measured concurrently with canister sample.

[14] On April 16, 2015, AECOM, on behalf of SOPUS, submitted a demonstration to verify the extent of groundwater contamination has been delineated (AECOM, 2015b). The demonstration is based on monitoring data from wells in the Roxana Interim Groundwater Monitoring Program. Additional information was submitted to IEPA in a letter dated January 29, 2016 (AECOM, 2016a). In a letter dated February 23, 2016 (IEPA, 2016), IEPA agreed with this determination and required a Groundwater Management Zone (GMZ) proposal be submitted within 90 days. The GMZ proposal was submitted by AECOM, on behalf of SOPUS on May 19, 2016 (AECOM, 2016c).

Exhibit 3-7: Pre-SVE CSM

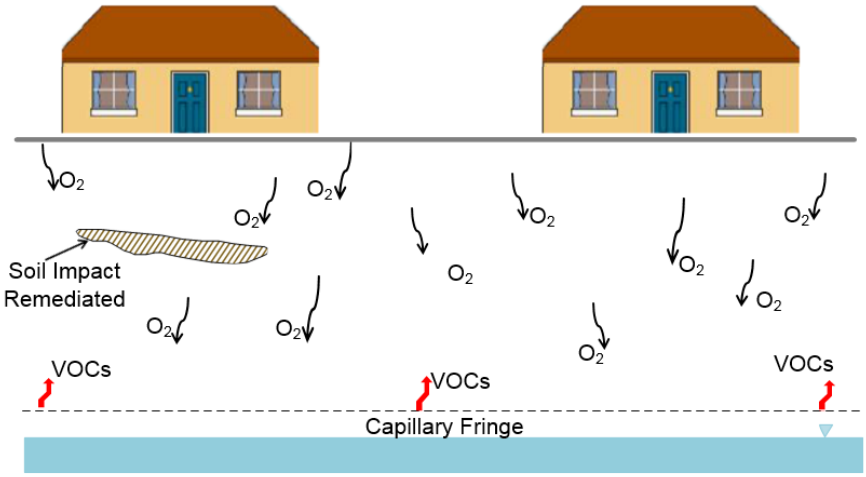


3.5.2 Present-Day Conceptual Site Model

The CSM diagram for present-day conditions is shown below (**Exhibit 3-8**). The present-day model accounts for the significant improvements observed from operation of the SVE system for the past five years and ongoing biodegradation. In the present-day model, the impacted soil gas in the shallow and intermediate depths of the vadose zone has been remediated, and the impacted soil in the intermediate depths of the vadose zone no longer appear to be a source of aromatic hydrocarbons.

With the remediation of shallow and intermediate impact through operation of the SVE system as well as biodegradation, oxygen levels observed in the shallow and intermediate zones have increased such that an aerobic environment is present deeper into the soil column, allowing for continued biodegradation of the impact in the deeper zones which are affected by fluctuations in groundwater elevation.

Exhibit 3-8: Present-Day CSM



4 SVE System Overview

As discussed in previous sections, operation of the RTO SVE system commenced on January 31, 2012. **Section 4** provides an overview of the SVE system, operation and maintenance activities, and the temporal and spatial trends in soil gas observed in response to its operation.

4.1 Description of SVE System

4.1.1 SVE System Design

The SVE system consists of 45 SVE wells, thirty of which are located along the West Fenceline, nine are located in the Village along 4th Street, west of Chaffer Avenue, and six are located in the Public Works Yard. The system was installed in three phases: (1) the initial system, (2) extension 1, and (3) extension 2. See **Figure 4-1** for the SVE system layout and **Figure 1-2** for VMP locations and installation dates.

Initial System: The initial SVE system installation consisted of thirty-four SVE wells (SVE wells 3 through 36). SVE wells 1 and 2 were installed as part of pilot testing but were not connected to the permanent system. All wells except SVE wells 21 through 24, 26, 27 were brought on-line on January 31, 2012 details associated with this were documented in the S*VE System Construction Completion Report*, dated May 30, 2012 (URS, 2012). Construction activities related to connection of SVE wells 21 through 24, 26, 27, located in the Public Works Yard, were completed in November 2012 and the wells were brought on-line on December 6, 2012. Details associated with the installation of Public Works Yard SVE wells were documented in the *SVE System Construction Completion Report, Addendum No.1*, dated February 14, 2013 (URS, 2013a).

Extension 1: During 3rd Quarter 2013 (3Q13), URS designed an extension to the northernmost extent of the West Fenceline portion of the SVE system. Five additional SVE wells (SVE wells 37 through 41) and six additional VMPs (VMPs 56 through 61) were installed in August 2013 for extension of the red header line, which was completed in October 2013. All newly installed SVE wells were open and on-line by November 2013. Details associated with this system extension were documented in the *SVE System Construction Completion Report, Addendum No.* 2, dated January 9, 2014 (URS, 2014a).

Extension 2: During 3rd Quarter 2014 (3Q14) and 4th Quarter 2014 (4Q14), AECOM designed and constructed an extension to the West Fenceline portion of the SVE system on Shell-owned properties adjacent to 4th Street and Chaffer Avenue. Six additional SVE wells (SVE wells 42 through 47) were installed for the blue line extension in August 2014 and were brought on-line in November 2014. Details associated with this system extension were documented in the SVE System Construction Completion Report, Addendum No. 3, dated March 4, 2015 (AECOM, 2015a).

The location of each SVE well was selected based on evaluation of soil, soil gas, CPT, and ROST™ data. SVE well screens were installed at shallow and deep intervals to target specific zones where petroleum impact was observed. The SVE well screens for the wells along the West Fenceline portion of the Site generally alternate between shallow and deep intervals. Pilot testing efforts suggested a potential ROI in excess of 90 feet; however, a conservative design ROI of 60 feet was used for each SVE well (URS, 2011b). A design ROI of 30 feet was used for SVE-45 because this well is screened over a smaller interval to target impacts within and below a silty sand (lower permeability) layer (AECOM, 2015a).

4.1.2 Soil Gas SVE Treatment System

The SVE wells are connected via 4-inch diameter piping to vapor/liquid separators (VLSs) and a rotary lobe positive displacement blower housed within a customized intermodal freight container (“conex”). Piping from the SVE wells feeds into one of six header lines, which lead to the conex, where vapor moves through the VLSs, before traveling through the blower and a baffle connected to a RTO. Each of the six header lines have been designated a color (i.e., - red, blue, green, teal, purple, and brown). A system fan located on the RTO side of the baffle pushes the vapor into the RTO and adds fresh air to dilute the vapor stream to control temperatures, as necessary. See **Figure 4-2** for the RTO system layout.

The RTO consists of two combustion chambers and burners with a tertiary and combustion air blower, temperature and pressure sensors, fuel control system, and main Programmable Logic Controller (PLC) based control panel. Recovered soil vapors are mixed with atmospheric (combustion) air provided by the combustion blower and natural gas (as needed) in the burner, and the mixture is then ignited. The inlet (cold face), outlet (stack), and combustion chamber temperatures are monitored and displayed on the Human Machine Interface (HMI). The amount of natural gas and/or ambient air added is automatically controlled to maintain operating temperatures. If the hydrocarbon concentrations in soil gas are sufficiently high and the combustion chamber temperature exceeds the established temperature set point, additional atmospheric air is automatically introduced into the combustion chamber by means of the tertiary blower and/or dilution air dampers near the "mixing box". Supplemental fuel and dilution air is controlled by a PLC-based control panel, and the control panel PLC is connected via Ethernet cable to the main computer in the control room through a router. Data collected by the PLC is logged on the computer and displayed on the HMI. Dilution air may also be introduced into the RTO by manual means, utilizing the manual dilution valve adjacent to the blower or the three supplementary dilution lines installed at the header.

Exhaust from the RTO is discharged to the atmosphere through a velocity duct exhaust stack which extends approximately 35 feet above ground surface. The stack temperature is monitored and displayed on the HMI. If stack temperatures exceed the established set point, a high stack temperature alarm will be triggered and the system will automatically shut down. Typical vapor destruction efficiencies are over 95-percent (AECOM, 2016b). **Exhibits 4-1** through **4-3** below contain photos of SVE system components.

Exhibit 4-1: Photo of SVE Treatment System (October 7, 2016)

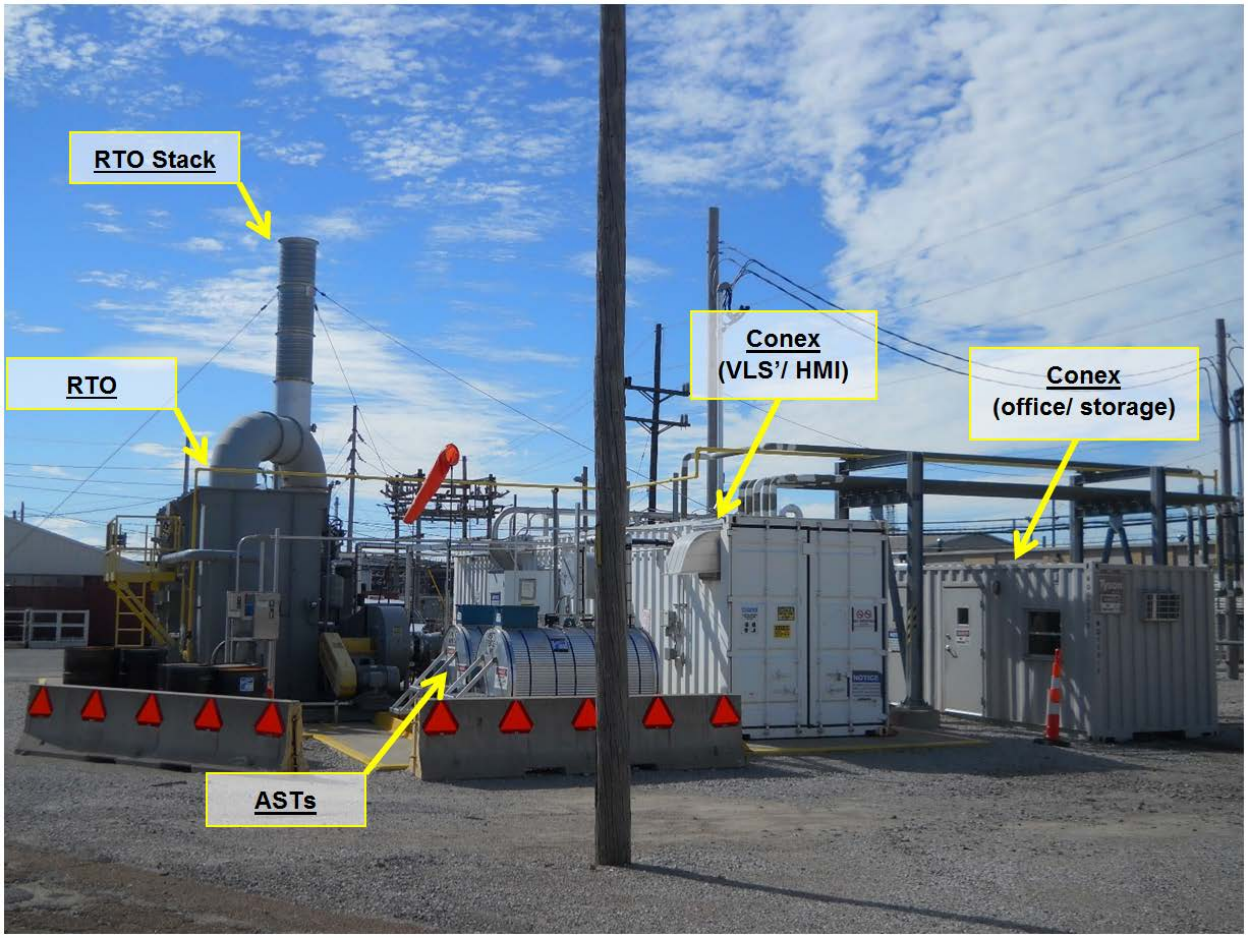


Exhibit 4-2: Photo of Header Lines (URS, 2012)



Exhibit 4-3: Photo of Typical West Fenceline SVE Well Vault (URS, 2012)



4.1.3 SVE System Operation

The SVE system is operated in accordance with the SVE Operation and Maintenance (O&M) Plan dated February 2016 (AECOM, 2016b). Since SVE system start up on January 31, 2012, the SVE wells and RTO have operated continuously, with short periods of down time due to scheduled maintenance or unscheduled events such as power outages. The IEPA is notified via email any time the SVE system is down for more than 72 continuous hours per the requirements of the April 9, 2014 letter from the IEPA (IEPA, 2014). The average annual runtime since SVE system start up is 93-percent[15].

The RTO system is effectively operated by directing vacuum to areas of greatest need by turning off SVE wells where soil gas concentrations have substantially diminished. As soil gas data collected from individual VMPs and SVE wells suggest the diminished concentrations of hydrocarbons within a particular area, an SVE well or wells are evaluated to be turned off. If the data supports shutting of an SVE well, surrounding VMPs are monitored bi-weekly for four weeks after the SVE well has been shut off[16]. This monitoring effort is in addition to the regularly scheduled monitoring events (monthly and quarterly). If no rebound is observed, the VMP will return to the regular monitoring schedule and the SVE well remains closed.

By closing SVE wells that have a low or insignificant hydrocarbon mass removal, energy is re-directed to other SVE wells and allows for more efficient operation of the RTO with less usage of supplemental fuel (natural gas). **Figure 4-3** shows active and inactive SVE wells including the closure date (if applicable). Additional information specific to well closure is presented in **Section 4.2.2**.

4.1.4 SVE System Maintenance

Regular maintenance activities (daily, weekly, monthly, and annual) are outlined in the SVE O&M Plan and are performed in accordance with manufacturer recommendations (AECOM, 2016b). A Performance Maintenance Evaluation (PME) is performed on an annual basis by the RTO manufacturer which is a thorough evaluation of the RTO's components. The manufacturer provides a report outlining findings and recommended maintenance or equipment repairs/replacements, which are implemented as deemed necessary.

4.1.5 Soil Gas Monitoring Programs

Monthly Effectiveness Monitoring

Monthly Effectiveness Monitoring is currently conducted in accordance with the requirements established by IEPA in a letter dated April 9, 2014 (IEPA, 2014)[17]. The soil gas sampling network currently consists of 63 VMP locations, of which 51 locations are currently utilized for monthly monitoring. VMPs in the sampling programs are generally screened at four depths[18] at each location. Operating SVE wells are also included in the monthly monitoring program. Soil gas samples are collected in Tedlar® bags from the VMPs and SVE wells and are screened for:

- Volatile organics f and methane with a Thermo Scientific TVA 1000 Vapor Analyzer or a RAE® Systems ppbRae 3000 - PID and a Thermo Scientific TVA 1000 Vapor Analyzer - FID and
- CO_2, CH_4, LEL, and O_2 with a Landtec GEM™ 2000 landfill gas meter.

Quarterly Soil Vapor Monitoring

The Quarterly Soil Vapor Monitoring program is also performed in accordance with IEPA's letter dated April 9, 2014. Of the existing 63 VMP locations, 46 are currently utilized for quarterly sampling. 1-Liter stainless steel canister samples are collected from each VMP location in the program and analyzed for the constituents listed in **Section 3.3**.

[15] Based on 24 hours per day, 365 days per year (8760 hours per year).

[16] Tedlar® bag samples are collected from relevant VMPs and analyzed for total volatile organics (THC, PHC) and methane as well as O_2, CO_2, and LEL.

[17] The Monthly Effectiveness Monitoring program has been consistently carried out since system inception; however, the program was not defined by IEPA until April 9, 2014.

[18] With the exception of single shallow ports at VMP-17, 18, and 19, three ports at VMP-41 through VMP-45 and VMP-56, and five ports at VMP-3.

The soil gas samples collected as part of the monthly monitoring program are collected simultaneously with the quarterly soil vapor monitoring samples and field screened. Results of the monthly and quarterly sampling events are presented in reports that are submitted to the IEPA on a quarterly basis.

4.1.6 System Monitoring and Permit Requirements

The SVE system operates under a Joint Construction and Operating Permit (Permit No. 119090AAO), issued by the IEPA on July 14, 2011. The Joint Construction and Operating Permit expired 18 months after the date of issuance; however, a timely application for a Federally Enforceable State Operating Permit (FESOP) was made. An application for a FESOP was submitted to the IEPA on April 11, 2012. The FESOP application is currently pending and as of the date of this Report, the system continues to operate in compliance under the 2011 Joint Construction and Operating Permit.

One of the requirements of the Joint Construction and Operation Permits is a limit on volatile organic material (VOM) and hazardous air pollutant (HAP) emissions. To monitor emissions, compliance canister samples are collected on a monthly basis from the system headers and RTO exhaust. The canisters are analyzed by EPA Method TO-15. Records are kept in accordance with the requirements of Permit No. 119090AAO. An Air Emissions Report (AER) is submitted to the IEPA on an annual basis, reporting system emissions for the reporting year.

Condition 11 of the September 13, 2012 letter from the IEPA which provided a response to several submittals made by SOPUS regarding investigation and remediation efforts to address contamination present along/near the West Fenceline, outlined monitoring requirements that are carried out on a monthly basis to monitor the general operational effectiveness of the system. These results and the results of the header and exhaust samples are reported on a quarterly basis in the Quarterly Soil Vapor and SVE Monitoring Reports. Prior to issuance of the September 13, 2012 letter, monitoring was being performed in accordance with project-specific monitoring procedures. Those procedures were consistent with the monitoring requirements established in Condition 11 of the aforementioned letter.

A performance test of the RTO was requested by IEPA in a letter dated April 12, 2013. The testing was conducted by Geosyntec Consultants on June 25 - 26, 2013. The RTO was demonstrated to effectively control hydrocarbons and benzene across the range of temperatures tested, achieving THC destruction efficiencies of 99.3%, 98.8%, and 98.8%, and benzene destruction efficiencies of >97.9%, >95.7%, and >96.3%. The results of the performance test were provided to the IEPA in a report dated August 21, 2013 (Geosyntec, 2013).

4.2 Temporal and Spatial Trends in Response to SVE System Operations

Since initial startup of the SVE system in 2012 and subsequent system extensions in 2013 and 2014, a significant reduction in hydrocarbon soil gas concentration has been observed in the VMP and SVE wells at the Site. The following discussion presents an overview of the temporal and spatial trends over time in response to SVE system operations.

4.2.1 Temporal and Spatial Soil Gas Trends

Figures 4-4 through **4-7** present the subsurface vacuum response to the SVE system over time at 5, 10, 20, and 30 foot depths from: (1) a time period after West Fenceline SVE system startup (January 31, 2012), (2) after Public Works SVE system startup (December 6, 2012), and (3) at approximately one year intervals through August 2016. The data presented in these figures are from monthly Effectiveness Monitoring events that coincided with the month that the Quarterly Soil Vapor Monitoring events were performed.

As shown on **Figures 4-4** through **4-7**, the system has generated effective vacuum response in strategic portions of the Site. Areas, such as 4th Street and Chaffer Avenue, demonstrate increasing vacuum over time throughout the entire soil column as a result of shutting off SVE wells and directing vacuum toward areas where THC concentrations remained.

Exhibit 4-4: Benzene Concentration Over Time (Figure 4-9)



As presented in **Section 3**, **Figures 3-3** through **3-14** show THC concentration (ppmv), benzene concentration (mg/m^3) and methane concentration (%) in soil gas over time at 5, 10, 20, and 30 foot depths. **Figures 4-8** through **4-10** compare THC, benzene, and methane concentrations in soil gas at 5, 10, 20, and 30 foot depths from a time period before interim system installation and start up in 2Q11, RTO System startup (January 31, 2012), and current (4Q16). These figures demonstrate the effectiveness of the SVE system from a time period before SVE system installation and 4Q16; the improvement in soil gas conditions is apparent.

Prior to SVE system installation, elevated soil gas concentrations were observed in the shallow to intermediate subsurface (0-20 feet bgs) in parts of the Site, particularly along portions of Chaffer Avenue between 5th and 7th Streets as well as in the proximity of 4th Street and Chaffer Avenue. These elevated concentrations were attributed to impact present in discontinuous lower permeability lenses of clay and silt, which acted as perching units for hydrocarbons. The discontinuous lower permeability lenses of clay and silts are depicted in the geological cross sections presented in **Figure 2-2**, **Figure 2-3**, and **Figure 2-4**.

As a direct result of operation of the SVE system, the source has been remediated from the perching units and resulting soil gas concentrations have been reduced to below TACO Tier 1 criteria for the shallow and intermediate VMP locations.

Exhibit 4-4 demonstrates the significant improvement in soil gas by the reduction in benzene concentration from a time period prior to system installation and 4Q16.

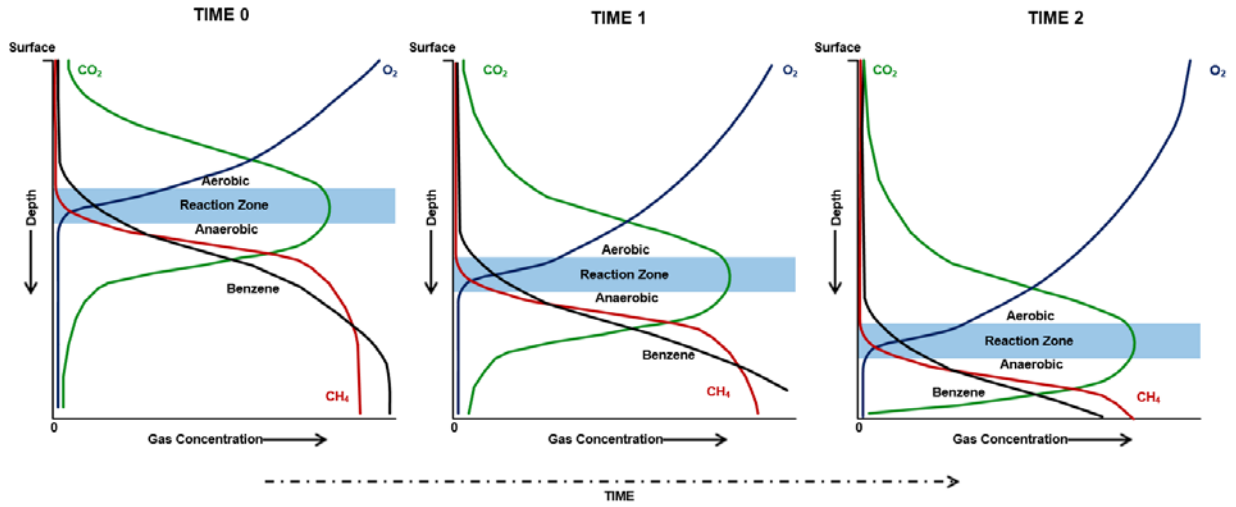
4.2.1.1 Soil Gas Composition Profiles

In addition to data collected to monitor the concentration of petroleum hydrocarbons over time, data collected regarding the overall composition of soil gas throughout the soil column provides a good indicator of the prevalence of degradation activity which may be occurring in the subsurface concurrent with the removal of hydrocarbon vapors by the SVE system. According to Interstate Technology Regulatory Council (ITRC), "*PHC-degrading bacteria are found in all environments and can consume hydrocarbons rapidly in the presence of O_2. This activity can limit transport and VI effects of PHC vapors*" (ITRC, 2014a).

Prior to startup of the SVE system, data collected from VMPs within the Investigation Area suggested the presence of an aerobic environment in the shallow subsurface, transitioning to an anaerobic environment deeper into the soil column. Higher oxygen levels (>5%) with lower methane levels indicate an environment capable of supporting aerobic biodegradation (Ririe et al., 1998). The transition from an aerobic to anaerobic environment coupled with an increase in soil gas concentration that is inversely related to the change in oxygen concentration suggests degradative activity. At some depth between the aerobic and anaerobic zones, there is a "reaction zone" where the transition from an aerobic to anaerobic environment occurs; this closely corresponds to the depth of the PHC constituents (ITRC, 2014d). Over time, as degradation and operation of the SVE system breaks down or removes the hydrocarbons, oxygen is more readily available and the aerobic zone extends deeper into the subsurface.

Exhibit 4-5 is an idealized example of the soil gas composition of benzene, methane, oxygen, and carbon dioxide over time that is observed in the presence of biodegradation. The zone above an area contaminated by a petroleum release is typically an aerobic environment in which oxygen can be readily replenished from the atmosphere (ITRC, 2014b).

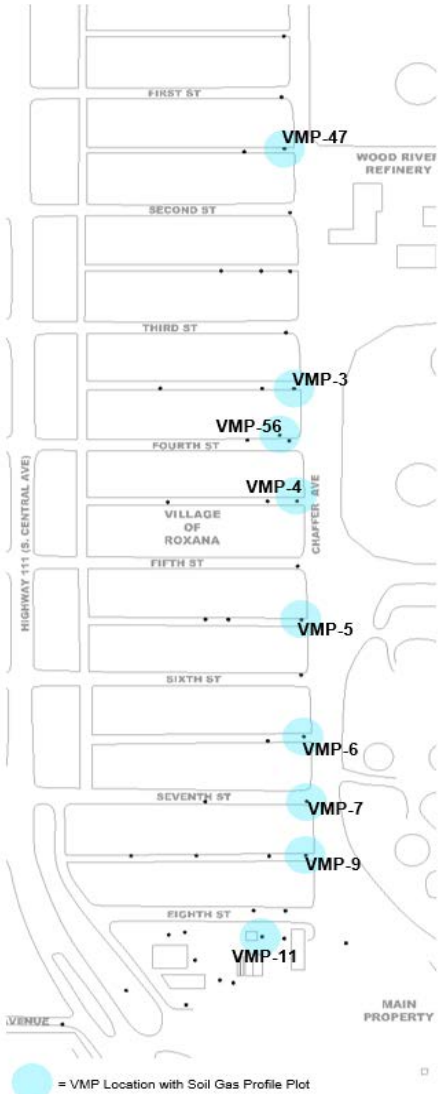
Exhibit 4-5: Idealized Soil Gas Profiles Over Time (ITRC, 2014c)



According to ITRC:

> *At some sites, it is desired to document the depth of the reaction zone where conditions change from aerobic to anaerobic in order to determine the thickness of the aerobic vadose zone separating the contamination source from the building. This determination can be made by conducting a vertical profile of soil gas concentrations using field tools to screen for the presence of VOCs, O_2, CH_4, and CO_2, which are indicator compounds of aerobic and anaerobic conditions (*see **Exhibit 4-5**). *In general, the depth of the anaerobic vadose zone closely corresponds to the depth of contaminated soil. PHC concentrations are relatively low in the aerobic zone (where O_2 is present), but can be quite high in the underlying anaerobic (O_2-absent) zone* (ITRC, 2014d).

Exhibit 4-6: Soil Gas Profile Plot Locations



Figures 4-11 through **4-19** contain soil gas profile plots over time for various VMPs throughout the Investigation Area. The locations of the VMPs associated with the soil gas profile plots are shown in **Exhibit 4-6**. Plots are shown from a period prior to SVE system installation, or a period shortly after VMP installation, and three time periods after. The data sets were chosen based on availability of data for all port depths, where possible. Based on the ITRC guidance, these figures further demonstrate the presence of biodegradation at the Site, with the aerobic zone extending deeper into the soil column and the anaerobic zone shrinking over time as soil gas is remediated and biodegraded. Certain VMPs are located within the ROI of SVE wells that have been closed since 2013. These locations are discussed further in **Section 4.2.2**.

Figure 4-20 shows north to south cross sections along Chaffer Avenue for benzene, methane, oxygen, and carbon dioxide. Similarly, **Figure 4-21** shows west to east cross sections along 4th Street for benzene, methane, oxygen, and carbon dioxide. These figures were generated using CTech™ EVS software. Both **Figure 4-20** and **4-21** show soil gas profile cross sections over time for a period before system installation (2Q11), after SVE system startup (January 31, 2012)) and the most current data set as of the date of this Report (4Q16). Conceptually, these figures demonstrate the same concept shown in plot format in **Figure 4-11** through **Figure 4-19**. The concentrations of benzene and methane have reduced considerably over time. Additionally, consistent with **Exhibit 4-5**, the temporal changes in distribution of benzene, methane, oxygen, and carbon dioxide in the subsurface overtime suggest the occurrence of aerobic biodegradation in the subsurface at the Site.

4.2.2 SVE Well Closures and Rebound Monitoring

As of December 31, 2016, 29 of 45 SVE wells are closed. A table containing SVE well status and the date on which it was closed, if applicable, is provided in **Exhibit 4-7** below and on **Figure 4-3**:

Exhibit 4-7: SVE Well Closure Status

Line	SVE Well	Screen Interval (ft. bgs)	Open/Closed (O/C) Date Closed	Line	SVE Well	Screen Interval (ft. bgs)	Open/Closed (O/C) Date Closed
Green	SVE-13	10-20	C - 2/20/15	Blue	SVE-3R	31-41	O
	SVE-14	10-20	C - 2/20/15		SVE-4	5-15	C - 1/21/13
	SVE-15	10-20	C - 11/18/13		SVE-10	10-20	C - 5/22/15
	SVE-16	10-20	C - 2/18/14/ O-12/12/16†		SVE-11	10-20	O
	SVE-17	10-20	C - 10/17/13/ O-12/12/16†		SVE-12	10-20	O
	SVE-18	8-18	C - 10/15/13/ O-12/12/16†		SVE-25	25-35	C - 8/30/14
	SVE-19	11-21	C - 2/10/14/ O-12/12/16†		SVE-42	25-35	O
	SVE-36	10-20	C - 3/18/14/ O-12/12/16†		SVE-43	25-35	O
Teal	SVE-20	25-35	O		SVE-44	25-35	C - 2/29/16
	SVE-21	25-35	C - 2/18/14		SVE-45	37-42	C - 5/12/16
	SVE-22	25-35	C - 2/10/14		SVE-46	15-25	C – 5/26/16
	SVE-23	25-35	C - 5/22/15		SVE-47	15-25	C - 2/29/16
	SVE-24	25-35	O	Red	SVE-5	10-20	C - 5/20/14
	SVE-26	25-35	C - 5/22/15		SVE-6	10-20	C - 6/24/14
	SVE-27	25-35	O		SVE-7	10-20	C - 5/20/14
Purple	SVE-28	41-51	C - 9/30/14		SVE-8	9-19	C - 6/24/14
	SVE-29	21-31	C - 2/20/15		SVE-9	10-20	C - 6/24/14
	SVE-30	25-35	O		SVE-37	25-35	C – 6/16/16
	SVE-31	25-35	O		SVE-38	25-35	O
	SVE-32	25-35	O		SVE-39	25-35	O
	SVE-33	25-35	O		SVE-40	25-35	O
Brown	SVE-34	25-45	O		SVE-41	25-30	C - 5/20/14
	SVE-35	31-41	C - 3/18/14				

†*SVE-16 through 19 were opened on December 12, 2016 to provide additional supplemental dilution air to the RTO. The data presented in this section demonstrates VMP data collected prior to opening the aforementioned SVE wells.*

As mentioned in **Section 4.1.5**, VMPs surrounding SVE wells that have been closed are monitored for rebound bi-weekly for four weeks following well closure. No rebound has been observed in a VMP after a well has been closed. Although the SVE system is still in operation, areas of the Village where several wells have been turned off for more than a year suggest that rebound will not occur. For example, a stretch of eight SVE wells between 5th and 8th Streets are closed. These wells include:

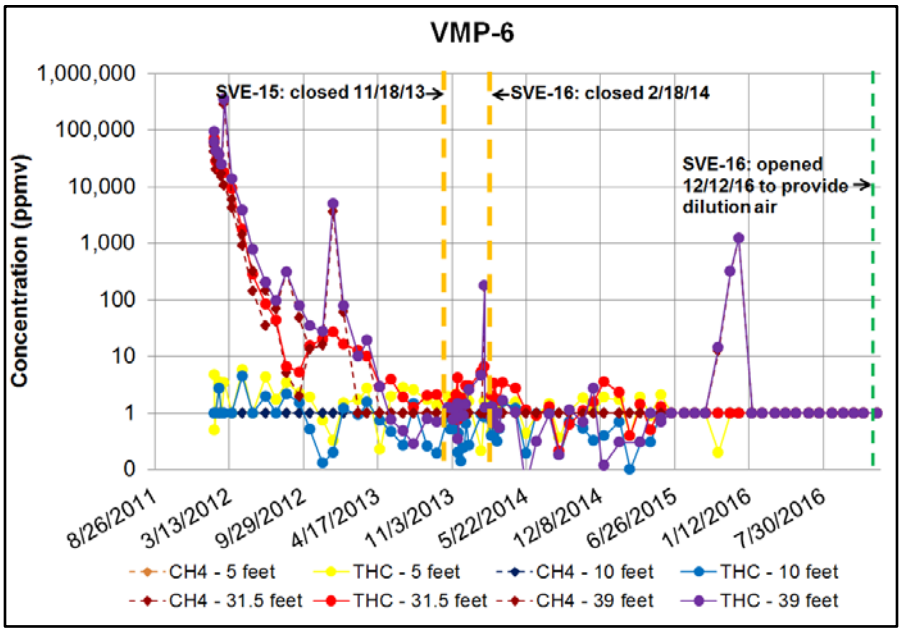
- SVE-15, SVE-17 and SVE-18 (closed in 2013)
- SVE-19 and SVE-35 (closed in 2014)
- SVE-13, SVE-14 and SVE-16 (closed in 2015)

VMPs within the Village that are nearest to these SVE wells include VMP-5, VMP-6, VMP-7, and VMP-45. Charts plotting THC and methane concentrations overtime for the aforementioned VMPs relative to closure dates of adjacent SVE wells are shown in **Exhibit 4-8**. Benzene and Methane trend plots for all VMPs included in the program are provided in **Appendix 4-A**. Based on the data collected at these VMPs, no rebound has been observed at these or other locations surrounding SVE wells after they were closed.

Exhibit 4-8: THC and Methane Trend Plots for Select VMPs adjacent to SVE wells between 5th and 8th Street

Notes: (1) Data is plotted using a logari hmic scale. Zero values were graphed as log(1).
(2) Vertical lines representing well closure dates are estimated.

VMP-6 is nearest to SVE-15 and SVE-16, which have been closed since November 18, 2013, and February 18, 2014, respectively. VMP-6 is monitored as part of the Monthly Effectiveness Monitoring program. THC and methane concentrations for each port depth (5, 10, 31.5, and 39 feet bgs) are shown on the plot to the right. Consistently low concentrations are observed, with the exception of elevated methane readings and resulting THC concentrations in December 2015 at the 39 foot port. Elevated hydrocarbon and methane levels at deeper VMPs are interpreted as being the result of fluctuations in groundwater elevation and are not considered to represent rebound of soil gas in the intermediate to shallow zones.



VMP-7 is nearest to SVE-18 and SVE-17, which have been closed since October 15, 2013, and October 17, 2013, respectively. VMP-7 is monitored as part of the Monthly SVE Effectiveness program. THC and methane concentrations for each port depth (5, 13.5, 29.5, and 38 feet bgs.) are shown on the plot to the right. A consistently low trend is observed at this VMP since late-2013 forward. Minor increases in THC and methane are observed in ealy-2015 and mid-2016 in the 38 foot port. Elevated hydrocarbon and methane levels at deep VMPs are interpreted as being the result of fluctuations in groundwater elevation and are not considered to represent rebound of soil gas in the intermediate to shallow zones.

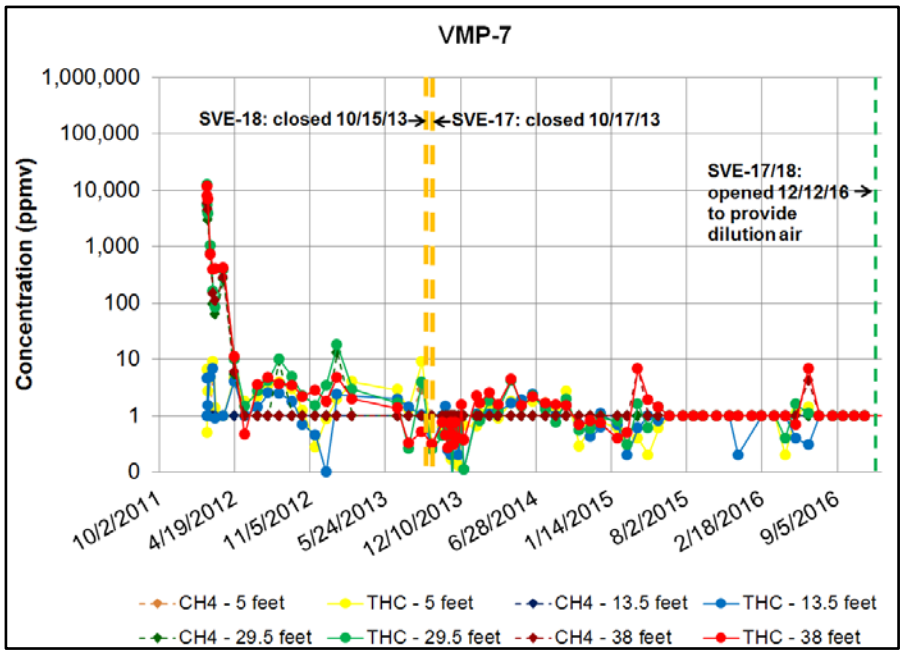
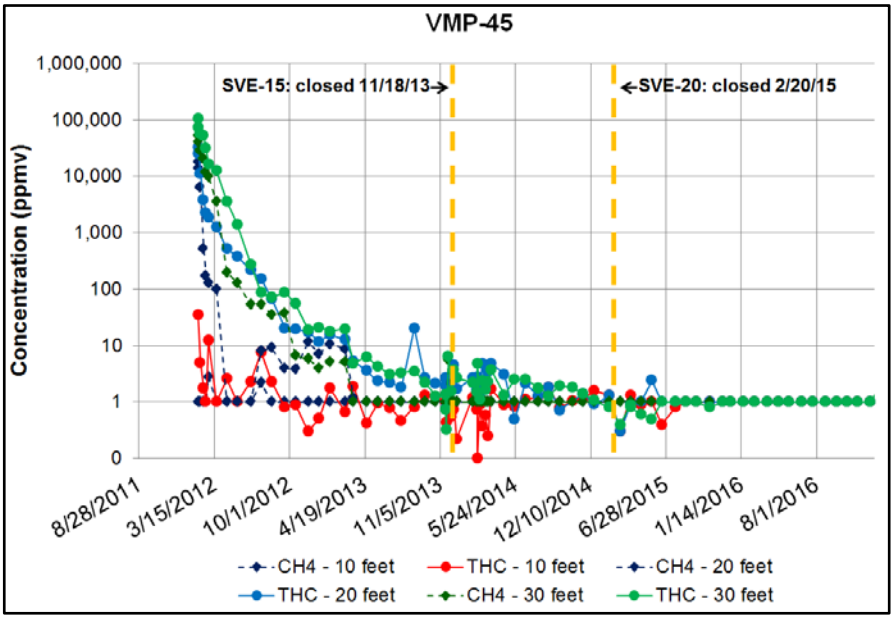


Exhibit 4-8 (continued)

VMP-45 is nearest to SVE-15 and SVE-14, which have been closed since November 18, 2013, and February 20, 2015, respectively. VMP-45 is monitored as part of the Monthly Effectiveness Monitoring program. THC and methane concentrations for each port depth (10, 20, and 30 feet bgs.) are shown on the plot to the right. A consistently low trend is observed at this VMP since late-2013.



5 Conclusions

SOPUS has been conducting investigations and performing active remediation at the Site under the oversight of IEPA and IDPH for approximately 10 years. Both Agencies have provided technical input and approvals on an ongoing basis and, in coordination with SOPUS, have kept the community informed throughout the various investigations and remedial activities. The data collected through investigations and monitoring events have created an extensive database that has been used to characterize the Site and document the improvements that have occurred over time.

The following bullets summarize key points and conclusions that have been presented in Part 1 of this Report:

- Soil gas data collected over the past five years of SVE system operation demonstrate a significant reduction in hydrocarbon concentration in the subsurface, particularly in the shallow and intermediate zones.
- Site soil conditions have been assessed at over 190 soil boring locations. The information derived from the borings has demonstrated subsurface materials are primarily sands, along with the presence of relatively thin, discontinuous layers of finer-grained, lower permeability soils (silts and clays) located sporadically throughout the Site, typically at depths between approximately 20 to 30 feet bgs. Petroleum impacts were more apparent in the finer-grained materials.
- Over 330 soil samples have been collected for laboratory testing for compounds characteristic of petroleum hydrocarbons. These compounds were more pronounced in the discontinuous lower permeability soil zones prior to remediation and at depth (influenced by groundwater conditions).
- Over 3,300 soil gas samples have been collected and analyzed, and over 17,000 soil gas samples have been collected and field-screened. Collectively, the nature and extent of petroleum impacts in soil gas and the temporal changes that have occurred since startup of the SVE system are well defined.
- Indoor air and sub-slab conditions were evaluated at over 50 structures, with no instances of vapor intrusion. Most of the indoor air and sub-slab sampling occurred prior to construction of the SVE system. Petroleum vapors were elevated in soil gas beneath five homes, and even though indoor air was not affected, a conservative approach was adopted and interim measures were taken to mitigate sub-slab vapors until the SVE system was operational.
- Groundwater is being managed through the current groundwater monitoring program including the groundwater containment and treatment system. A GMZ proposal was submitted to the IEPA on May 19, 2016, and is pending as of the date of this Report. The GMZ was prepared as requested by the IEPA in their letter to SOPUS dated February 23, 2016 in which the IEPA agreed with the conclusion that groundwater within the Village of Roxana has been delineated (IEPA, 2016).
- The SVE system, installed in 2011 and subsequently extended in 2013 and 2014, consists of 45 SVE wells, over 50% of which have been closed over the past 3 years as soil gas data demonstrates the shallow and intermediate zones have been remediated. Soil gas concentrations at depth have also decreased over time but remain in certain areas partly due to fluctuating groundwater conditions.

In Part 2 of this Tier 3 Demonstration, the fate and transport of benzene and other VOCs are evaluated using mathematical models. The primary purpose is to determine soil gas concentrations at various depths that would be protective of human health. The calculated soil-gas concentrations are proposed Tier 3 remediation objectives and represent a concentration that would not lead to an exceedance of risk-based indoor air concentrations under conservative conditions for vapor intrusion or an exceedance of construction worker trench air screening levels (i.e., Rand Avenue and Route 111 Rights-of-Way). Using the proposed remediation objectives, Part 2 outlines a suggested system shutdown and a rebound monitoring program.

6 Statement of Limitations

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URS Corporation, 2013 (URS, 2013b); *Air Sparging and Soil Vapor Extraction Pilot Test, East 4th Street and Chaffer Avenue – Roxana, Illinois*. Prepared for Shell Oil Products US (SOPUS); dated August 16, 2013.

URS Corporation, 2013 (URS, 2013c); *Soil Vapor Delineation Near VMP-47 Work Plan – Roxana, Illinois*. Prepared for Shell Oil Products US (SOPUS); dated September 13, 2013.

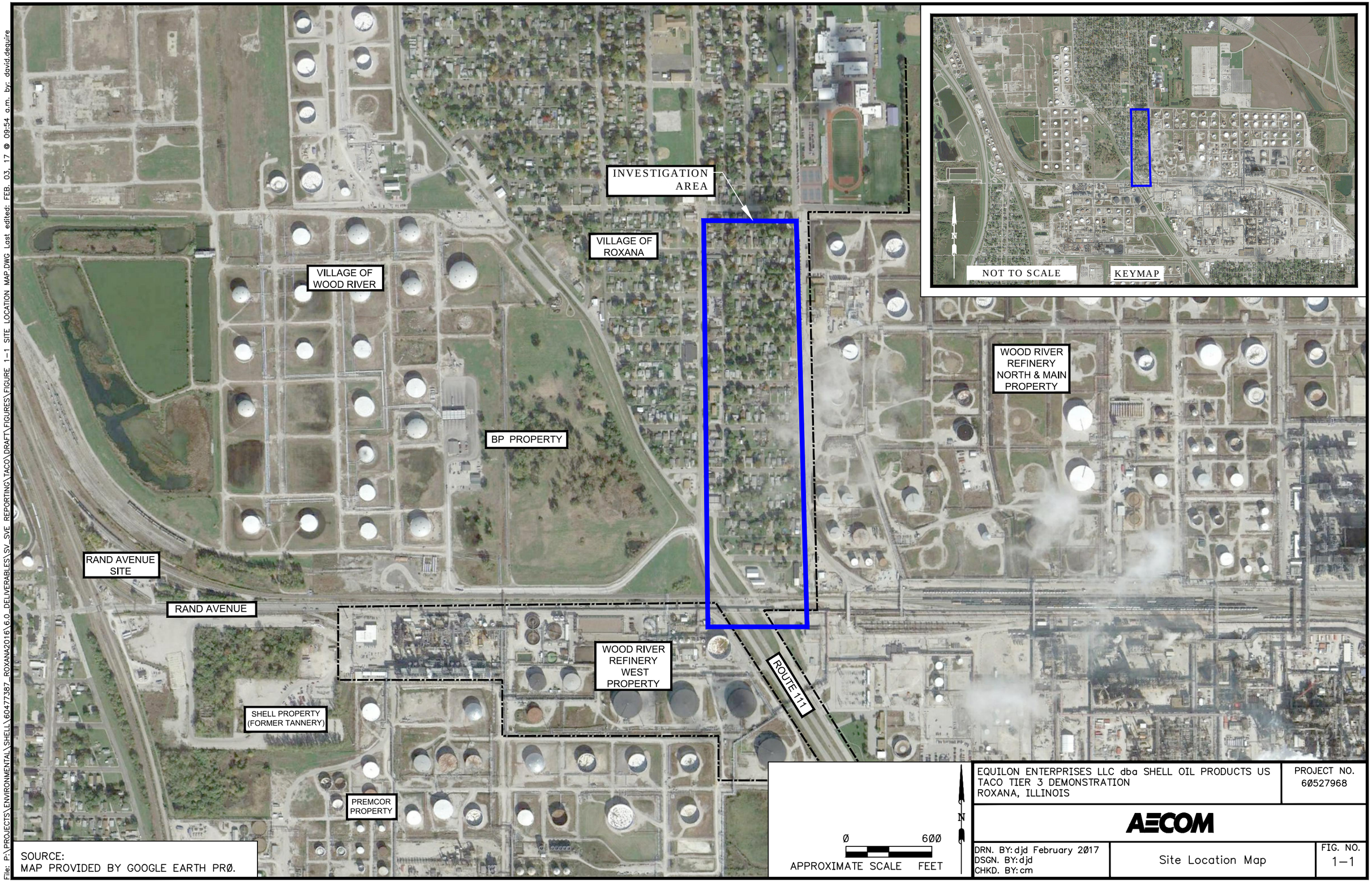
URS Corporation, 2014 (URS, 2014a); *SVE System Construction Completion Report Addendum No. 2 – Roxana, Illinois*. Prepared for Shell Oil Products US (SOPUS); dated January 9, 2014.

URS Corporation, 2014 (URS, 2014b); *Conceptual Design SVE System Extension, East 4th and Chaffer Streets – Roxana, Illinois*. Prepared for Shell Oil Products US (SOPUS); dated July 2014.

US Environmental Protection Agency, 2008 (USEPA, 2008); *Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review*.

US Environmental Protection Agency, 2014 (USEPA, 2014); *Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review*.

Figures.



SOURCE:
MAP PROVIDED BY GOOGLE EARTH PRØ.

Ø 6ØØ
APPROXIMATE SCALE FEET

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US
TACO TIER 3 DEMONSTRATION
ROXANA, ILLINOIS

PROJECT NO.
60527968

AECOM

DRN. BY: djd February 2017
DSGN. BY: djd
CHKD. BY: cm

Site Location Map

FIG. NO.
1–1

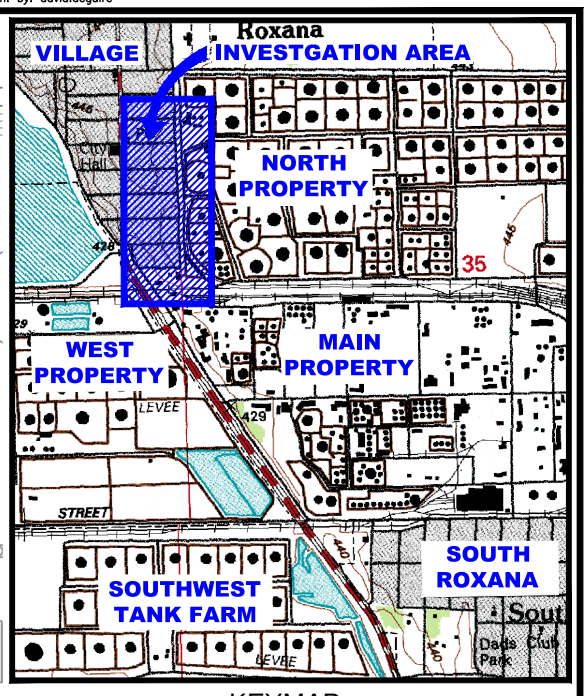
File: P:\PROJECTS\ENVIRONMENTAL\SHELL\60477387_ROXANA2016\6.0_DELIVERABLES\SV_SVE REPORTING\TACO\DRAFT\FIGURES\FIGURE 1-1 SITE LOCATION MAP.DWG Last edited: FEB. 03, 17 @ 09:54 a.m. by: dovid.deguire

File: P:\PROJECTS\ENVIRONMENTAL\SHELL\60477387_ROXANA2016\6.0_DELIVERABLES\SV_SVE REPORTING\TACO\DRAFT\FIGURES\FIGURE 1-2 VAPOR MONITORING POINT AND SVE WELL LOCATION.DWG Last edited: FEB. 03, 17 @ 10:10 a.m. by: david.deguire

VMP Location	Installation Date	VMP Location	Installation Date
VMP-1	7/31/2009	VMP-33	9/20/2011
VMP-2	7/28/2009	VMP-34	9/27/2011
VMP-3	7/29/2009	VMP-35	9/27/2011
VMP-4	8/3/2009	VMP-36	9/27/2011
VMP-5	8/4/2009	VMP-37	9/26/2011
VMP-6	8/5/2009	VMP-38	9/15/2011
VMP-7	8/10/2009	VMP-39	9/15/2011
VMP-8	8/12/2009	VMP-40	9/26/2011
VMP-9	8/12/2009	VMP-41	9/9/2011
VMP-10	7/13/2009	VMP-42	9/12/2011
VMP-11	7/10/2009	VMP-43	9/9/2011
VMP-12	7/23/2009	VMP-44	11/3/2011
VMP-13	7/15/2009	VMP-45	11/3/2011
VMP-14	7/14/2009	VMP-46	9/26/2011
VMP-15	7/20/2009	VMP-47	12/10/2012
VMP-16	7/22/2009	VMP-48	12/11/2012
VMP-17	6/4/2010	VMP-49	12/12/2012
VMP-18	6/11/2010	VMP-50	12/11/2012
VMP-19	6/11/2010	VMP-51	12/12/2012
VMP-20	3/10/2011	VMP-52	12/13/2012
VMP-21	1/10/2011	VMP-53	12/13/2012
VMP-22	1/7/2011	VMP-54	12/14/2012
VMP-23	1/5/2011	VMP-55	12/17/2012
VMP-24	1/6/2011	VMP-56	8/28/2013
VMP-25	3/11/2011	VMP-57	8/20/2013
VMP-26	3/7/2011	VMP-58	8/21/2013
VMP-27	3/7/2011	VMP-59	8/27/2013
VMP-28	3/8/2011	VMP-60	8/22/2013
VMP-29	2/28/2011	VMP-61	8/26/2013
VMP-30	3/11/2011	VMP-62	12/18/2013
VMP-31	5/10/2011	VMP-63	12/14/2013
VMP-32	5/10/2011	VMP-64	12/11/2013

1. One or more ports at the following VMPs were reinstalled since initial installation:
VMP 1, 2, 3, 4, 7, 9, 15, 32, 34, 43, 47, 56

SVE Well	Screen Interval (ft. bgs)	Installation Date
SVE-3R	31-41	8/29/2013
SVE-4	5-15	5/12/2011
SVE-5	10-20	9/30/2011
SVE-6	10-20	10/13/2011
SVE-7	10-20	9/29/2011
SVE-8	9-19	9/30/2011
SVE-9	10-20	10/4/2011
SVE-10	10-20	10/5/2011
SVE-11	10-20	10/7/2011
SVE-12	10-20	10/5/2011
SVE-13	10-20	10/7/2011
SVE-14	10-20	9/27/2011
SVE-15	10-20	9/27/2011
SVE-16	10-20	10/4/2011
SVE-17	10-20	10/5/2011
SVE-18	8-18	10/4/2011
SVE-19	11-21	9/26/2011
SVE-20	25-35	9/29/2011
SVE-21	25-35	10/10/2011
SVE-22	25-35	10/11/2011
SVE-23	25-35	10/11/2011
SVE-24	25-35	10/12/2011
SVE-25	25-35	5/3/2011
SVE-26	25-35	10/12/2011
SVE-27	25-35	10/11/2011
SVE-28	41-51	10/3/2011
SVE-29	21-31	10/4/2011
SVE-30	25-35	10/5/2011
SVE-31	25-35	10/6/2011
SVE-32	25-35	10/7/2011
SVE-33	25-35	10/10/2011
SVE-34	25-45	10/6/2011
SVE-35	31-41	9/28/2011
SVE-36	10-20	9/26/2011
SVE-37	25-35	9/13/2013
SVE-38	25-35	9/16/2013
SVE-39	25-35	9/17/2013
SVE-40	25-35	9/18/2013
SVE-41	25-30	9/19/2013
SVE-42	25-35	8/6/2014
SVE-43	25-35	8/19/2014
SVE-44	25-35	8/20/2014
SVE-45	37-42	8/6/2014
SVE-46	15-25	8/4/2014
SVE-47	15-25	8/1/2014



KEYMAP
1" = 2,500'

LEGEND

- VAPOR MONITORING POINT (VMP) LOCATION
- SOIL VAPOR EXTRACTION (SVE) LOCATION

TYDEMAN AVE
FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
RAND AVENUE
CHAFFER AVE
HIGHWAY 111 (S. CENTRAL AVE)
VILLAGE OF ROXANA
NORTH PROPERTY
PUBLIC WORKS YARD
WOOD RIVER REFINERY
A-28
A-33
A-27
1ST STREET
2ND STREET
986 APPROXIMATE ENE RELEASE SITE

VMP-64 VMP-61 SVE-41 VMP-57 VMP-63 VMP-58 SVE-40 SVE-47 VMP-62 VMP-59 SVE-39 VMP-60 VMP-1 SVE-38 SVE-5 SVE-37 VMP-33 VMP-2 VMP-20 VMP-48 SVE-6 SVE-28 VMP-46 VMP-42 SVE-7 VMP-34 SVE-29 SVE-8 VMP-49 VMP-3 VMP-21 SVE-43 SVE-42 SVE-30 VMP-35 SVE-3R SVE-9 SVE-44 VMP-56 VMP-43 VMP-32 SVE-45 SVE-25 SVE-4 SVE-46 VMP-26 VMP-27 SVE-1 SVE-10 SVE-47 SVE-32 VMP-22 VMP-50 VMP-4 SVE-11 VMP-28 VMP-36 SVE-33 VMP-44 SVE-12 SVE-34 SVE-13 VMP-37 VMP-51 VMP-5 VMP-23 SVE-35 SVE-14 VMP-45 SVE-15 VMP-38 VMP-6 VMP-52 SVE-16 SVE-17 VMP-24 VMP-7 VMP-39 SVE-18 VMP-54 VMP-8 VMP-9 VMP-53 VMP-40 SVE-19 VMP-18 VMP-19 SVE-36 SVE-20 VMP-41 VMP-10 SVE-21 VMP-17 SVE-23 SVE-22 VMP-12 VMP-11 SVE-2 VMP-29 VMP-13 VMP-30 SVE-24 SVE-26 VMP-55 VMP-14 SVE-27 VMP-25 VMP-15 VMP-16

0 200
SCALE FEET
N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY:djd February 2017 DSGN. BY:djd CHKD. BY:ekf	Vapor Monitoring Point and SVE Well Locations
	FIG. NO. 1-2

File: P:\PROJECTS\ENVIRONMENTAL\SHELL\60477387_ROXANA2016\6.0_DELIVERABLES\SV_SVE REPORTING\TACO\DRAFT\FIGURES\FIGURE 2-1 MAP OF SOIL BORING LOCATIONS.DWG Last edited: FEB. 08, 17 @ 1:58 p.m. by: david.deguire

LEGEND

- VAPOR MONITORING POINT (VMP) LOCATION
- SOIL VAPOR EXTRACTION (SVE) LOCATION
- GEOPROBE SOIL BORING (GP) LOCATION
- MONITORING WELL (MW) LOCATION
- PIEZOMETER LOCATION
- CONE PENETRATION TEST SOIL PROBE (CPT) LOCATION

TYDEMAN AVE
FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
HIGHWAY 111 (S. CENTRAL AVE)
CHAFFER AVE
RAND AVENUE
VILLAGE OF ROXANA
BP
NORTH PROPERTY
WOOD RIVER REFINERY
PUBLIC WORKS YARD
A-28
A-33
A-27
1ST STREET
2ND STREET

KEYMAP
1" = 2,500'

Roxana VILLAGE INVESTGATION AREA
NORTH PROPERTY
WEST PROPERTY
MAIN PROPERTY
SOUTHWEST TANK FARM
SOUTH ROXANA

SCALE 0 200 FEET
N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US
TACO TIER 3 DEMONSTRATION
ROXANA, ILLINOIS

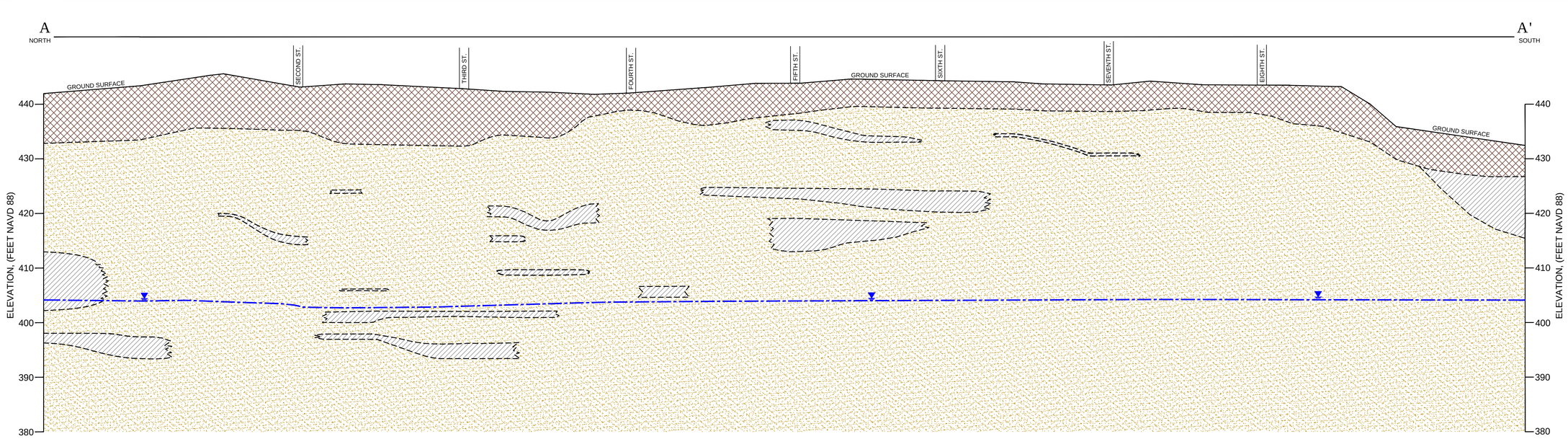
PROJECT NO. 60527968

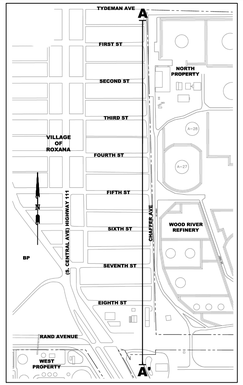
AECOM

DRN. BY:djd February 2017
DSGN. BY:djd
CHKD. BY:ekf

Map of Soil Boring Locations

FIG. NO. 2-1





KEYMAP
NOT TO SCALE

LEGEND

- STRATUM BOUNDARY ASSUMED
- FILL PROJECTED BETWEEN POINTS (INCLUDES CINDERS, GRAVEL, CLAY, AND/OR SILTY CLAY.)
- CLAY PROJECTED BETWEEN POINTS (INCLUDES SILTY CLAY AND SANDY CLAY)
- SAND PROJECTED BETWEEN POINTS (INCLUDES SILTY SAND AND CLAYEY SAND)
- APPROXIMATE GROUNDWATER SURFACE ELEVATION

NOTES:

1. THIS GEOLOGIC CROSS-SECTION IS PRIMARILY BASED ON THE INTERPRETATION OF CPT DATA AND BORING LOGS DEVELOPED DURING OTHER DRILLING TECHNIQUES (E.G. AUGER AND GEOPROBE) COLLECTED BY AECOM SINCE 2006. LITHOLOGY WAS PROJECTED BETWEEN SUBSURFACE INVESTIGATION POINTS.
2. APPROXIMATE GROUNDWATER SURFACE ELEVATION IS BASED ON THE AVERAGE GROUNDWATER ELEVATION OBSERVED DURING QUARTERLY GAUGING EVENTS SINCE 4Q2010.

Ø 10
VERTICAL SCALE FEET

Ø 100
APPROXIMATE HORIZONTAL SCALE FEET

N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS		PROJECT NO. 60527968
AECOM		
DRN. BY: djd February 2017 DSGN. BY: djd CHKD. BY: ekf	Generalized Geology Cross Section A-A' (North-South)	FIG. NO. 2-2

B
WEST

B'
EAST

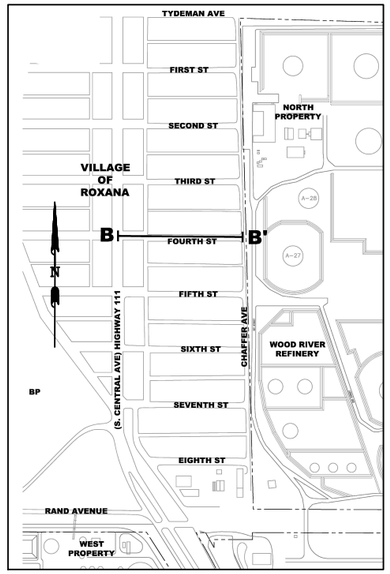
(S. CENTRAL AVE) HIGHWAY 111

CHAFFER AVE

GROUND SURFACE

ELEVATION, (FEET NAVD 88)

440
430
420
410
400
390
380



KEYMAP
NOT TO SCALE

LEGEND

- STRATUM BOUNDARY ASSUMED
- FILL PROJECTED BETWEEN POINTS (INCLUDES CINDERS, GRAVEL, CLAY, AND/OR SILTY CLAY.)
- CLAY PROJECTED BETWEEN POINTS (INCLUDES SILTY CLAY AND SANDY CLAY)
- SAND PROJECTED BETWEEN POINTS (INCLUDES SILTY SAND AND CLAYEY SAND)
- APPROXIMATE GROUNDWATER SURFACE ELEVATION

Ø 1Ø
VERTICAL SCALE FEET

Ø 6Ø
HORIZONTAL SCALE FEET

NOTES:
1. THIS GEOLOGIC CROSS-SECTION IS PRIMARILY BASED ON THE INTERPRETATION OF CPT DATA AND BORING LOGS DEVELOPED DURING OTHER DRILLING TECHNIQUES (E.G. AUGER AND GEOPROBE) COLLECTED BY AECOM SINCE 2006. LITHOLOGY WAS PROJECTED BETWEEN SUBSURFACE INVESTIGATION POINTS.
2. APPROXIMATE GROUNDWATER SURFACE ELEVATION IS BASED ON THE AVERAGE GROUNDWATER ELEVATION OBSERVED DURING QUARTERLY GAUGING EVENTS SINCE 4Q2010.

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US
TACO TIER 3 DEMONSTRATION
ROXANA, ILLINOIS

PROJECT NO. 60527968

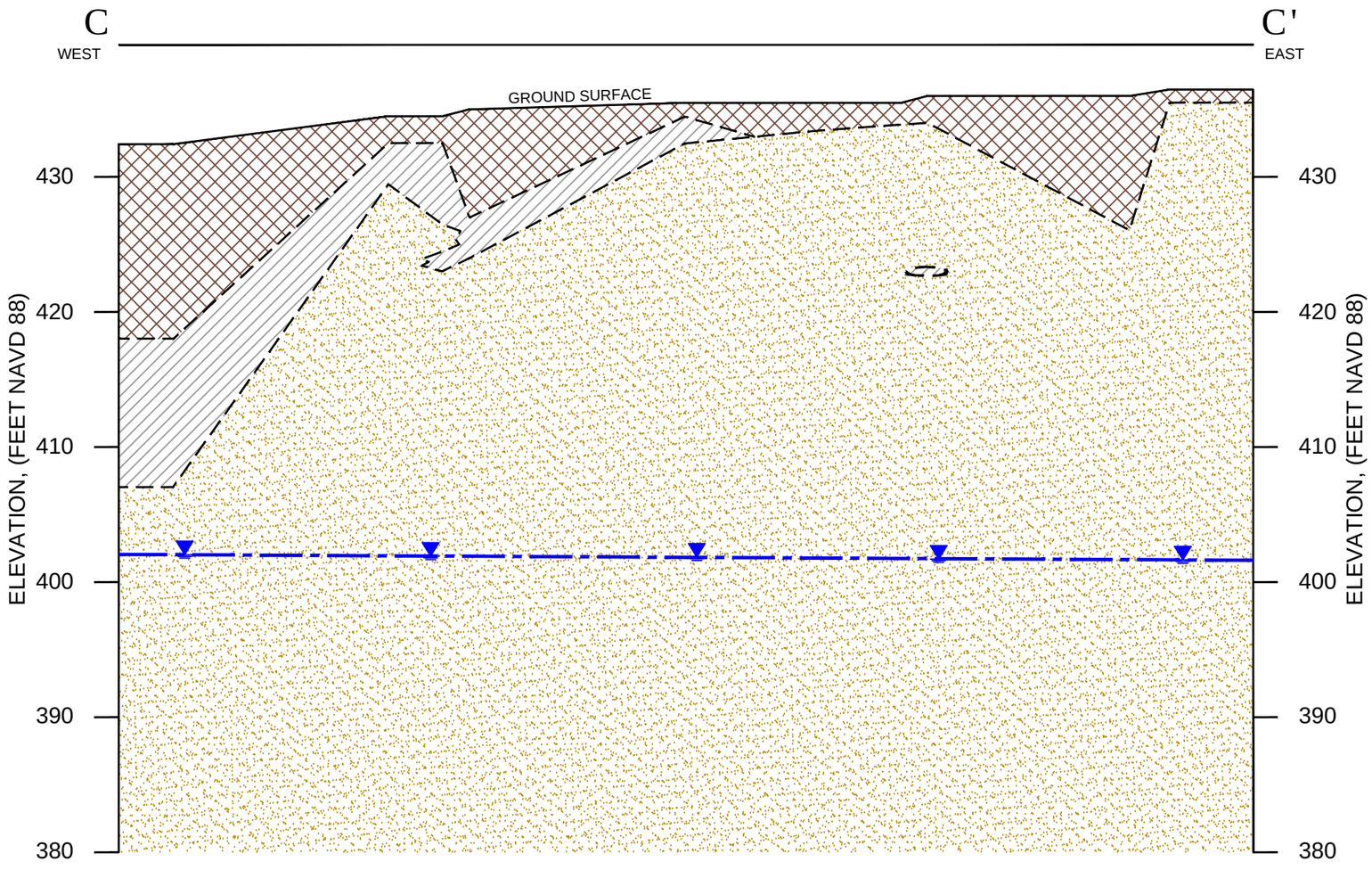
AECOM

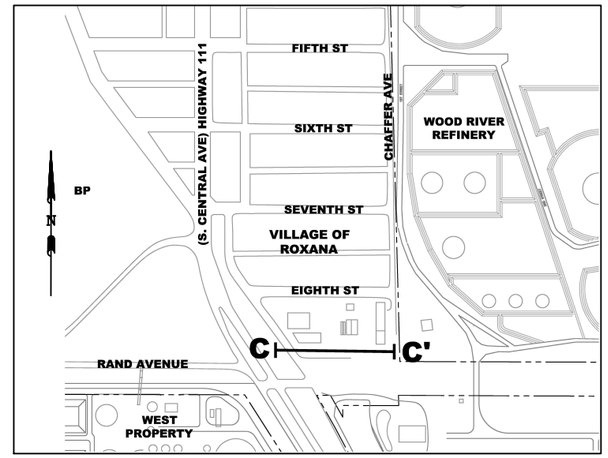
DRN. BY: djd February 2017
DSGN. BY: djd
CHKD. BY: ekf

Generalized Geology
Cross Section B-B'
(West-East)

FIG. NO. 2-3

File: P:\PROJECTS\ENVIRONMENTAL\SHELL\60477397_ROXANA2016\6.0_DELIVERABLES\SV_SVE REPORTING\TACO\DRAFT\FIGURES\FIGURE 2-3 GENERALIZED GEOLOGY CROSS SECTION B-B (W-E).DWG Last edited: FEB. 03, 17 @ 10:47 a.m. by: david.deguire





KEYMAP
NOT TO SCALE

NOTES:
1. THIS GEOLOGIC CROSS-SECTION IS PRIMARILY BASED ON THE INTERPRETATION OF CPT DATA AND BORING LOGS DEVELOPED DURING OTHER DRILLING TECHNIQUES (E.G. AUGER AND GEOPROBE) COLLECTED BY AECOM SINCE 2006. LITHOLOGY WAS PROJECTED BETWEEN SUBSURFACE INVESTIGATION POINTS.
2. APPROXIMATE GROUNDWATER SURFACE ELEVATION IS BASED ON THE AVERAGE GROUNDWATER ELEVATION OBSERVED DURING QUARTERLY GAUGING EVENTS SINCE 4Q2010.

LEGEND
- STRATUM BOUNDARY ASSUMED
- FILL PROJECTED BETWEEN POINTS (INCLUDES CINDERS, GRAVEL, CLAY, AND/OR SILTY CLAY.)
- CLAY PROJECTED BETWEEN POINTS (INCLUDES SILTY CLAY AND SANDY CLAY)
- SAND PROJECTED BETWEEN POINTS (INCLUDES SILTY SAND AND CLAYEY SAND)
- APPROXIMATE GROUNDWATER SURFACE ELEVATION

Ø 10 VERTICAL SCALE FEET
Ø 50 HORIZONTAL SCALE FEET

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US
TACO TIER 3 DEMONSTRATION
ROXANA, ILLINOIS

PROJECT NO. 60527968

AECOM

DRN. BY: djd February 2017
DSGN. BY: djd
CHKD. BY: ekf

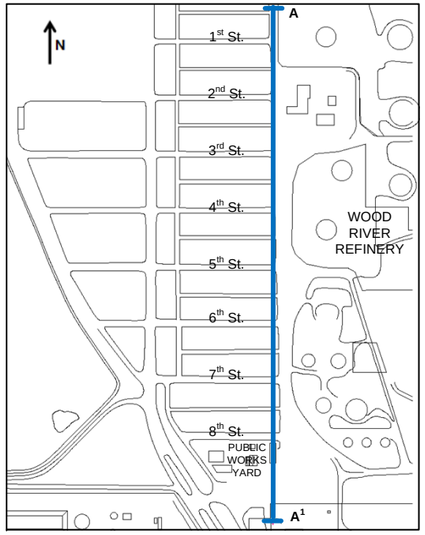
Generalized Geology
Cross Section C-C'
(West-East)

FIG. NO. 2-4

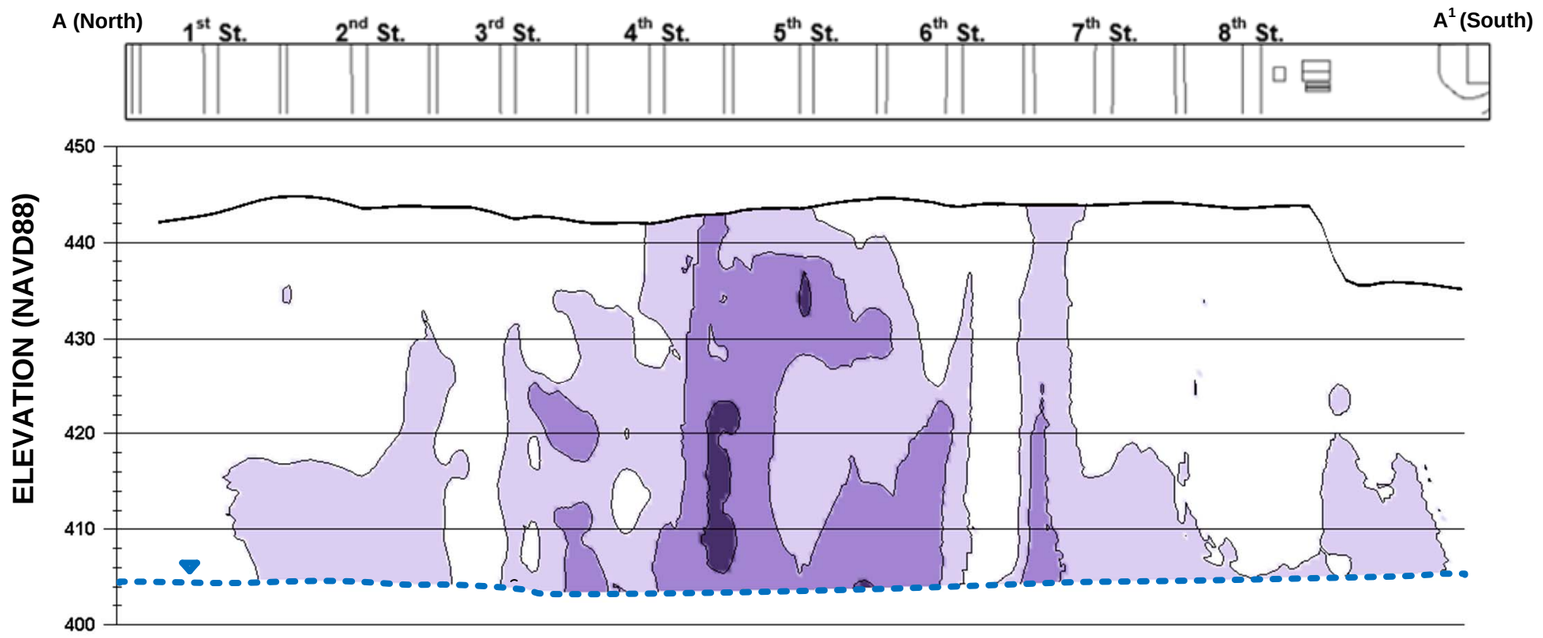
File: P:\PROJECTS\ENVIRONMENTAL\SHELL\60477387_ROXANA2016\6.0_DELIVERABLES\SV_SVE REPORTING\TACO\DRAFT\FIGURES\FIGURE 2-4 GENERALIZED GEOLOGY CROSS SECTION C-C (W-E).DWG Last edited: FEB. 03, 17 @ 11:06 a.m. by: david.deguire

Pre-SVE System: PID (ppm) in Soil

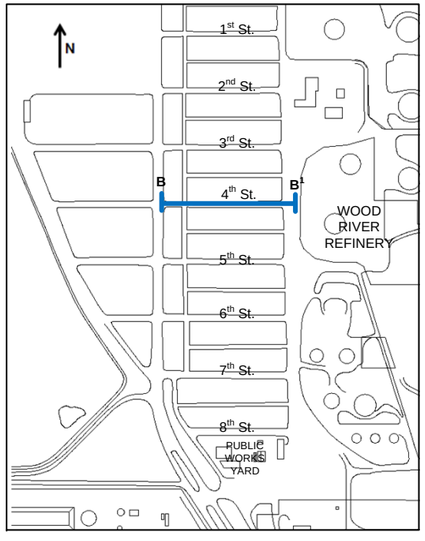
N-S Cross Section Location



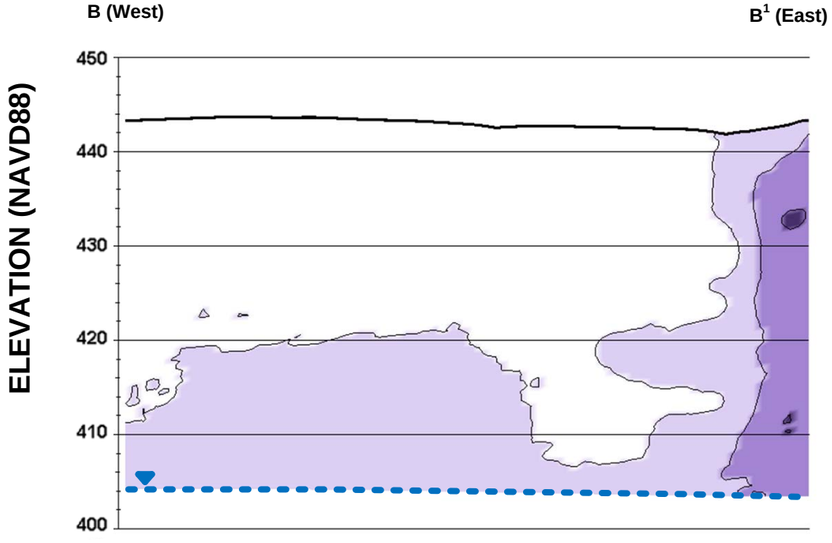
N-S Cross Section



W-E Cross Section Location



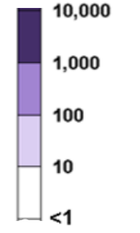
W-E Cross Section



NOT TO SCALE

Legend

PID Concentration (ppm)



APPROXIMATE GROUNDWATER SURFACE ELEVATION

NOTES:

1.) IMAGES ARE GENERATED USING CTECH ENVIRONMENTAL VISUALIZATION SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF MEASURED DATA.

2.) VERTICAL EXAGGERATION FOR N-S CROSS SECTION = 20 X

3.) VERTICAL EXAGGERATION FOR W-E CROSS SECTION = 10 X

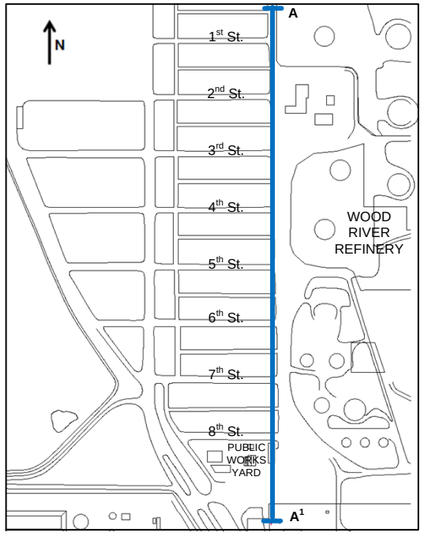
4.) PID DATA USED TO GENERATE PID IMAGES WAS COLLECTED BETWEEN 2006 AND 2011.

5.) BOTTOM OF CROSS SECTION IMAGES REPRESENT APPROXIMATE GROUNDWATER ELEVATION DURING 2Q11.

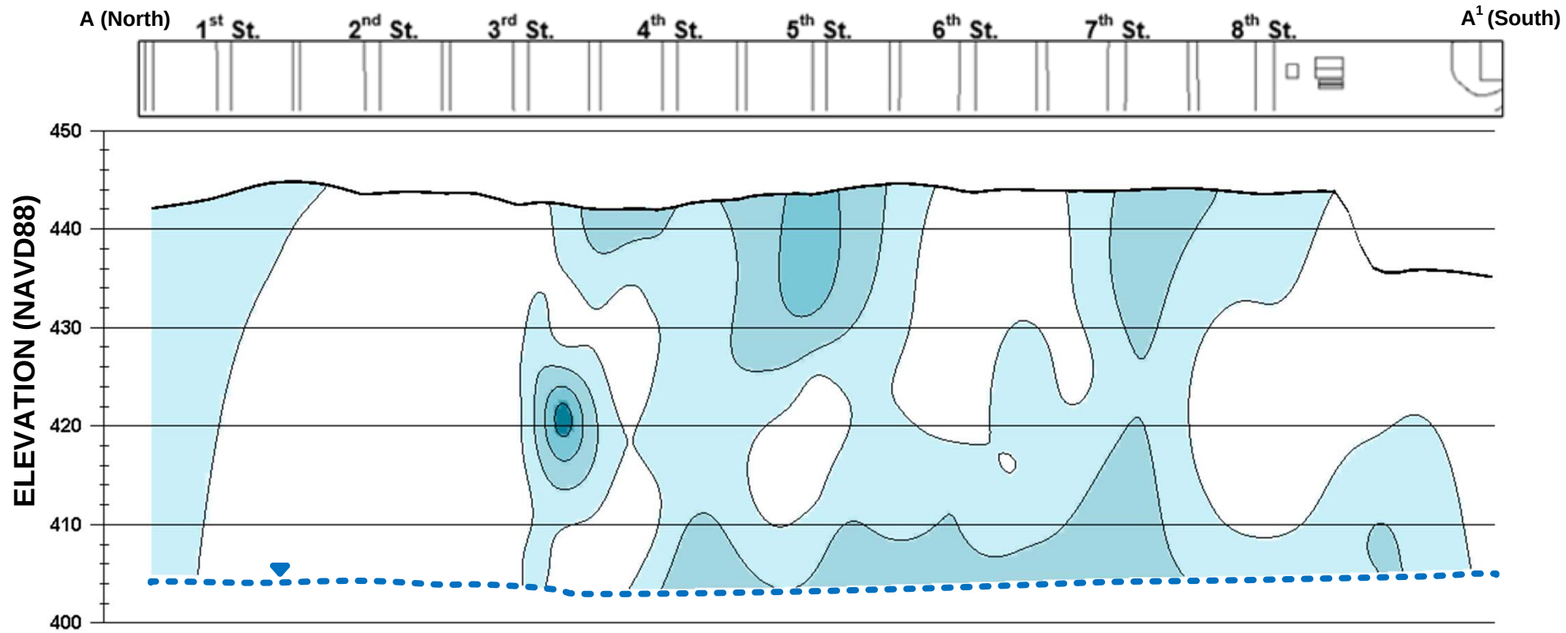
EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: wp	PID Concentration in Soil Pre-SVE
	FIG. NO. 3-1

Pre-SVE System: BTEX Concentration (mg/kg) in Soil

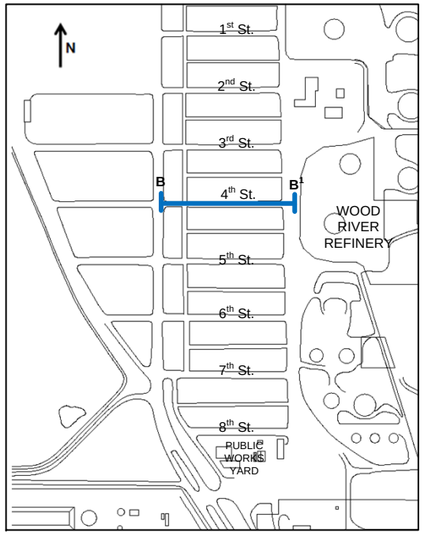
N-S Cross Section Location



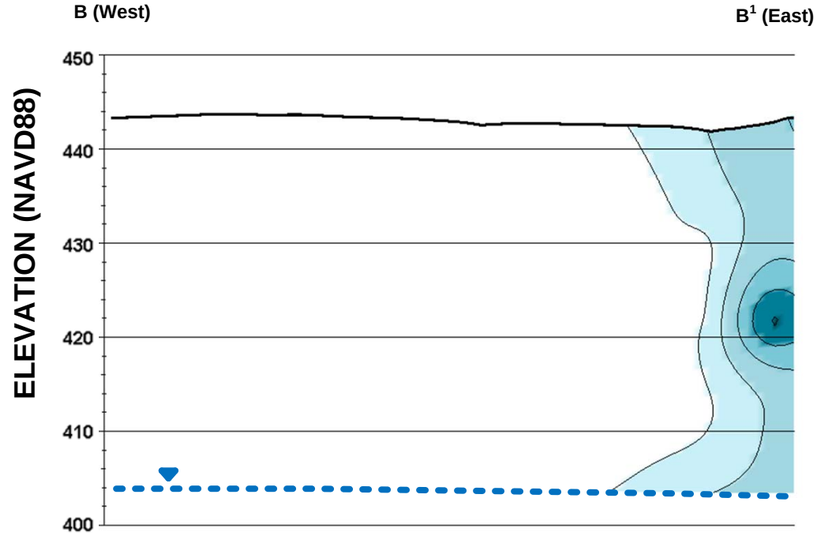
N-S Cross Section



W-E Cross Section Location



W-E Cross Section



NOT TO SCALE

Legend

BTEX Concentration (mg/kg)

- 3,275
- 1,000
- 100
- 10
- 1
- ≤0.1

APPROXIMATE GROUNDWATER SURFACE ELEVATION

NOTES:

1.) IMAGES ARE GENERATED USING CTECH ENVIRONMENTAL VISUALIZATION SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF MEASURED DATA.

2.) VERTICAL EXAGGERATION FOR N-S CROSS SECTION = 20 X

3.) VERTICAL EXAGGERATION FOR W-E CROSS SECTION = 10 X

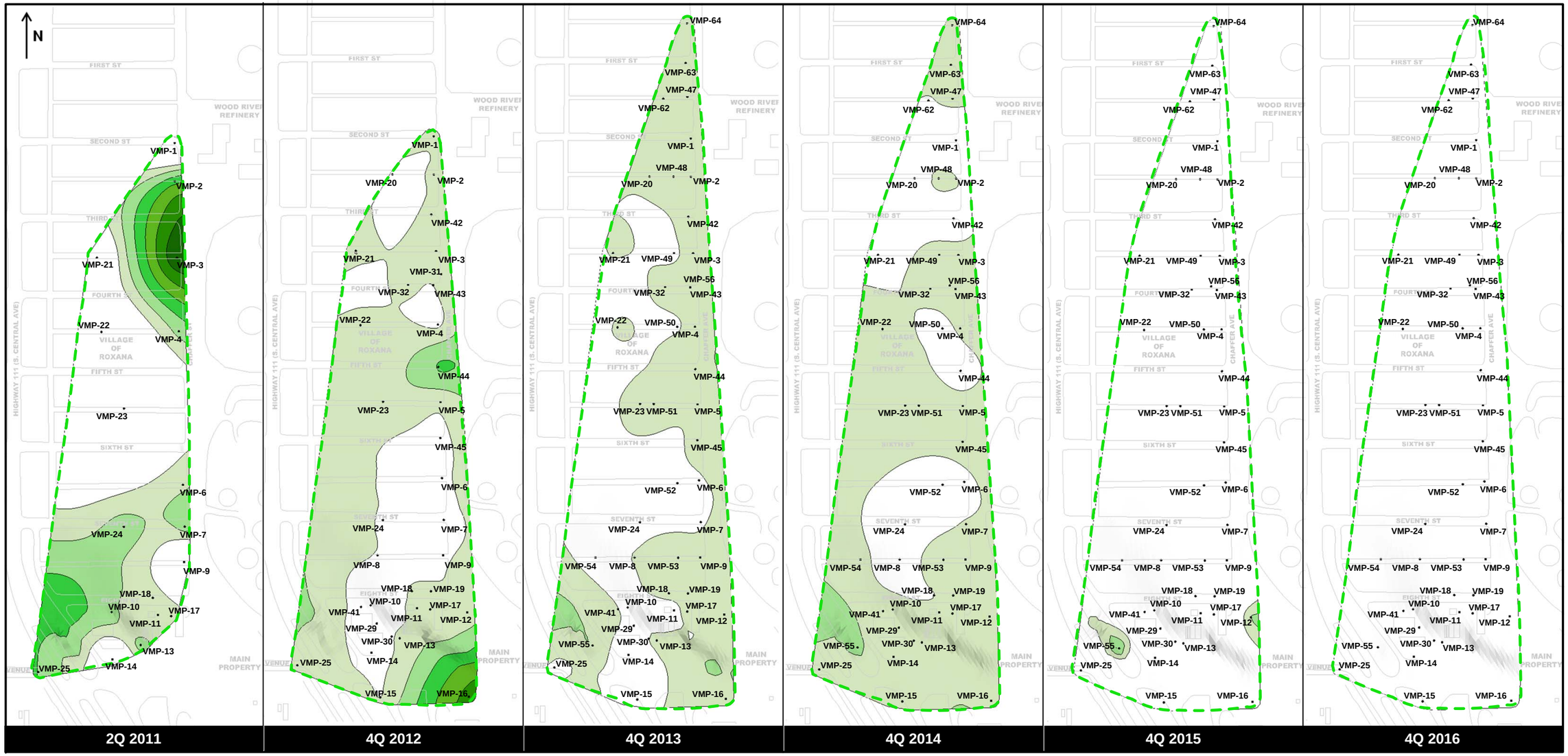
4.) BTEX DATA USED TO GENERATE BTEX IMAGES WAS COLLECTED BETWEEN 2008 AND 2011.

5.) BOTTOM OF CROSS SECTION IMAGES REPRESENT APPROXIMATE GROUNDWATER ELEVATION DURING 2Q11.

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: wp	BTEX Concentration in Soil Pre-SVE
	FIG. NO. 3-2

THC Concentration in Soil Gas Over Time
5 feet bgs

Pre-SVE ---------- **Current**



NOTES:

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2.) INITIAL SYSTEM STARTUP OF THE WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

3.) THE SCREENING DATA INCLUDED IN THESE VISUALIZATIONS WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS THROUGH FIELD LABORATORY ANALYSIS OF SOIL GAS COLLECTED IN TEDLAR® BAG SAMPLES USING THERMO SCIENTIFIC TVA 1000 VAPOR ANALYZER - FLAME IONIZATION DETECTOR.

THC Concentration (ppmv)

≤1 | 10 | 100 | 1,000 | 10,000 | 100,000 | 1,000,000

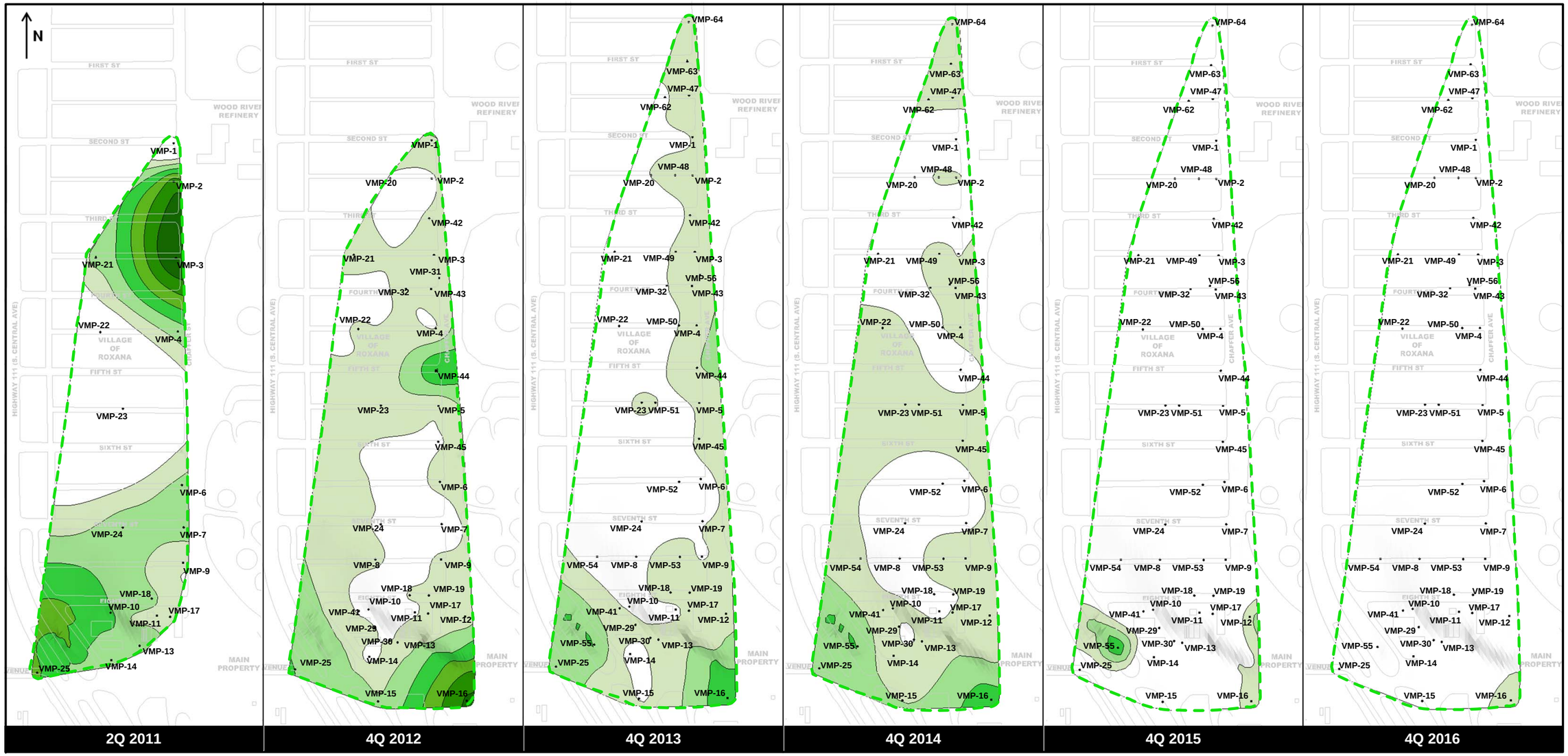
● = Vapor Monitoring Point Location (VMP)

– – – = Extent of EVS Model

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: wp	THC Concentration in Soil Gas Over Time (5 feet bgs) — FIG. NO. 3-3

THC Concentration in Soil Gas Over Time
10 feet bgs

Pre-SVE ---------- **Current**



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THC Concentration (ppmv)

≤1 | 10 | 100 | 1,000 | 10,000 | 100,000 | 1,000,000

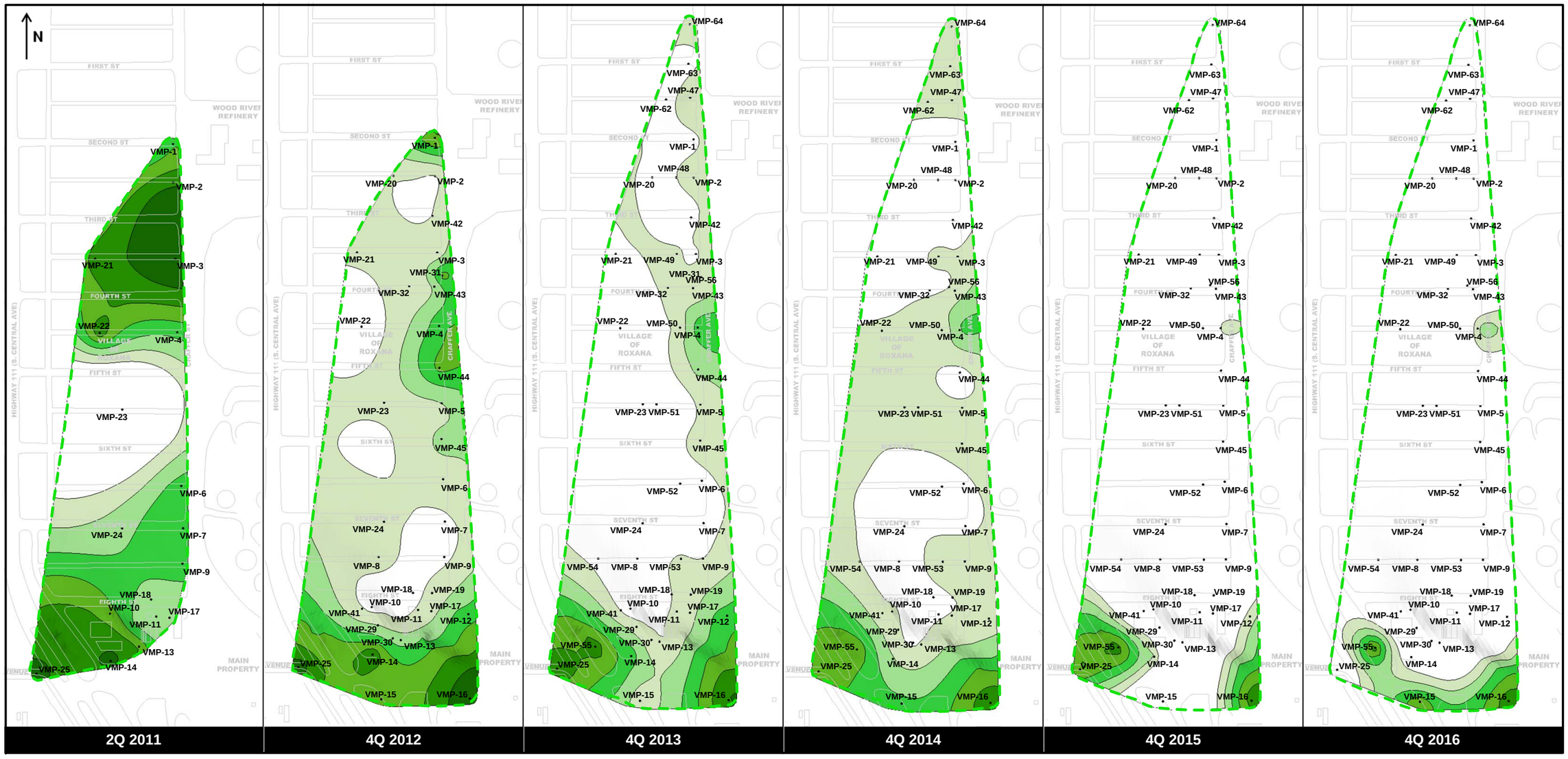
● = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: wp	THC Concentration in Soil Gas Over Time (10 feet bgs) — FIG. NO. 3-4

THC Concentration in Soil Gas Over Time
20 feet bgs

Pre-SVE ---------- **Current**



NOTES:

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THC Concentration (ppmv)



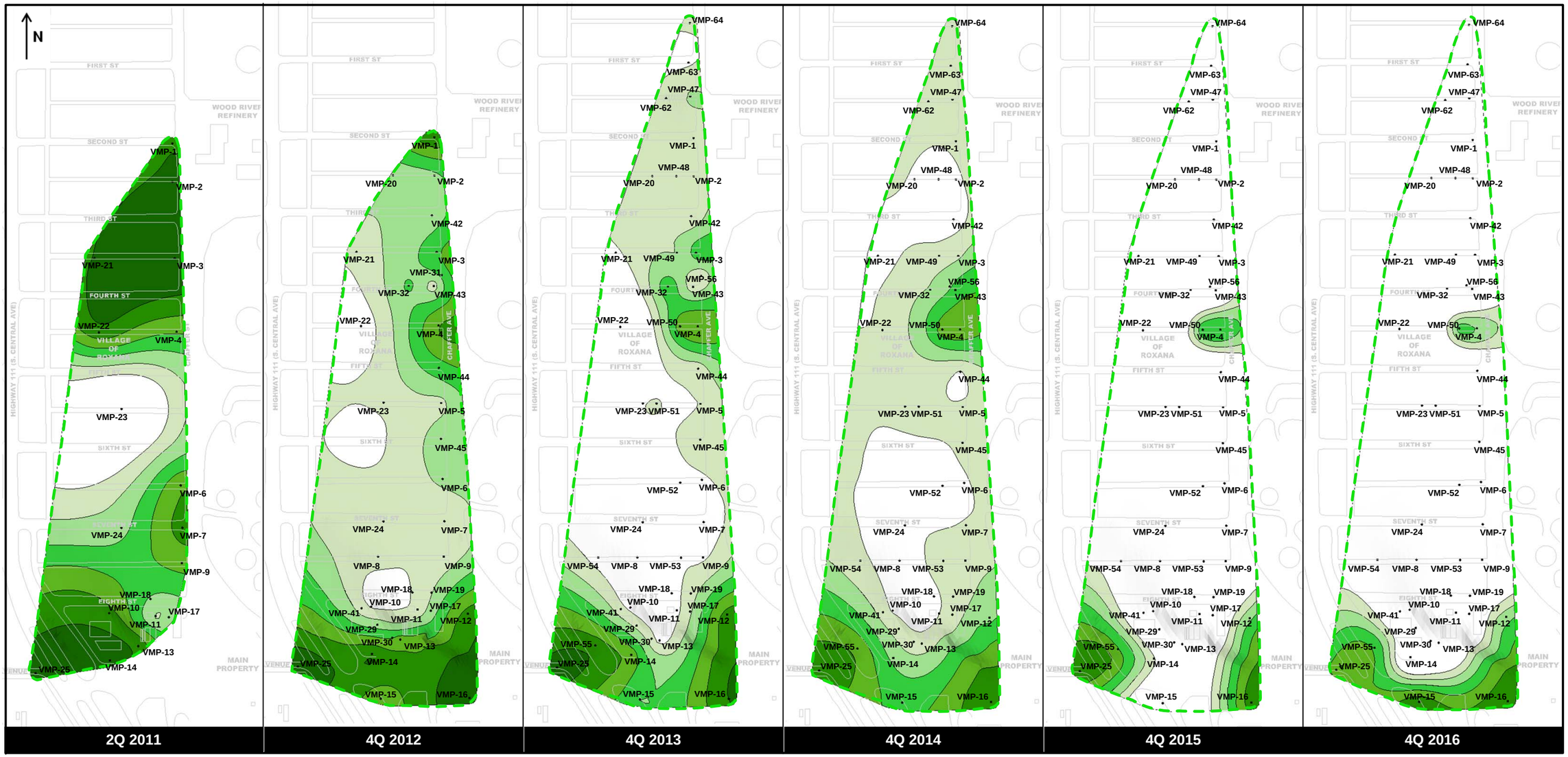
● = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS		PROJECT NO. 60527968
AECOM		
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: wp	THC Concentration in Soil Gas Over Time (20 feet bgs)	FIG. NO. 3-5

THC Concentration in Soil Gas Over Time
30 feet bgs

Pre-SVE ---------- **Current**



NOTES:

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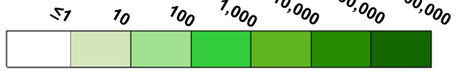
3.) THE SCREENING DATA INCLUDED IN THESE VISUALIZATIONS WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS THROUGH FIELD LABORATORY ANALYSIS OF SOIL GAS COLLECTED IN TEDLAR® BAG SAMPLES USING THERMO SCIENTIFIC TVA 1000 VAPOR ANALYZER - FLAME IONIZATION DETECTOR.

THC Concentration (ppmv)



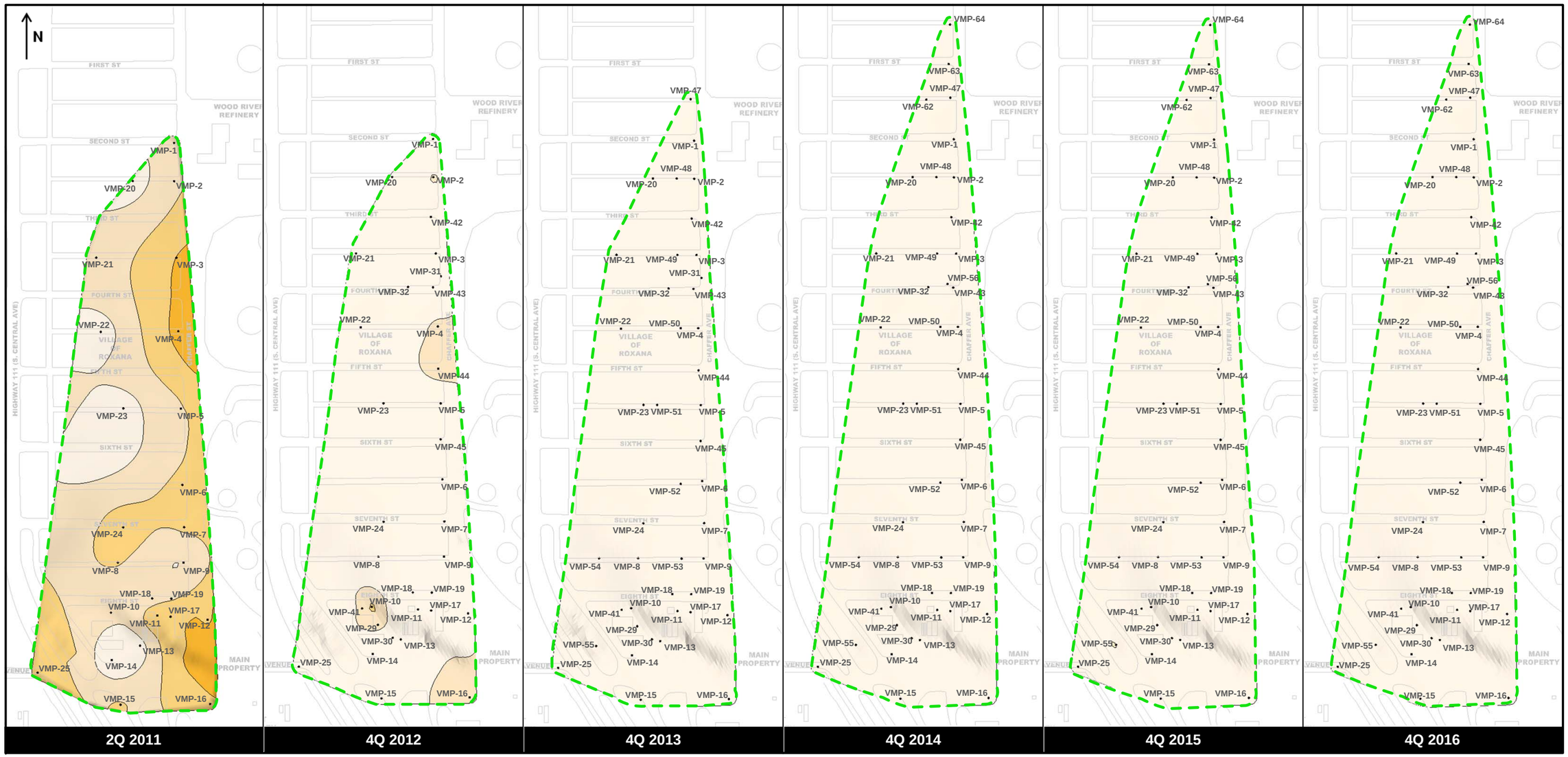
● = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: wp	THC Concentration in Soil Gas Over Time (30 feet bgs)
	FIG. NO. 3-6

Benzene Concentration in Soil Gas Over Time
5 feet bgs

Pre-SVE ---------- **Current**



NOTES:
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3.) THE LABORATORY ANALYSIS DATA INCLUDED IN THESE VISUALIZATIONS WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS.

Benzene Concentration (mg/m^3)

0 | 0.1 | 1 | 10 | 100 | 1,000 | ≥10,000

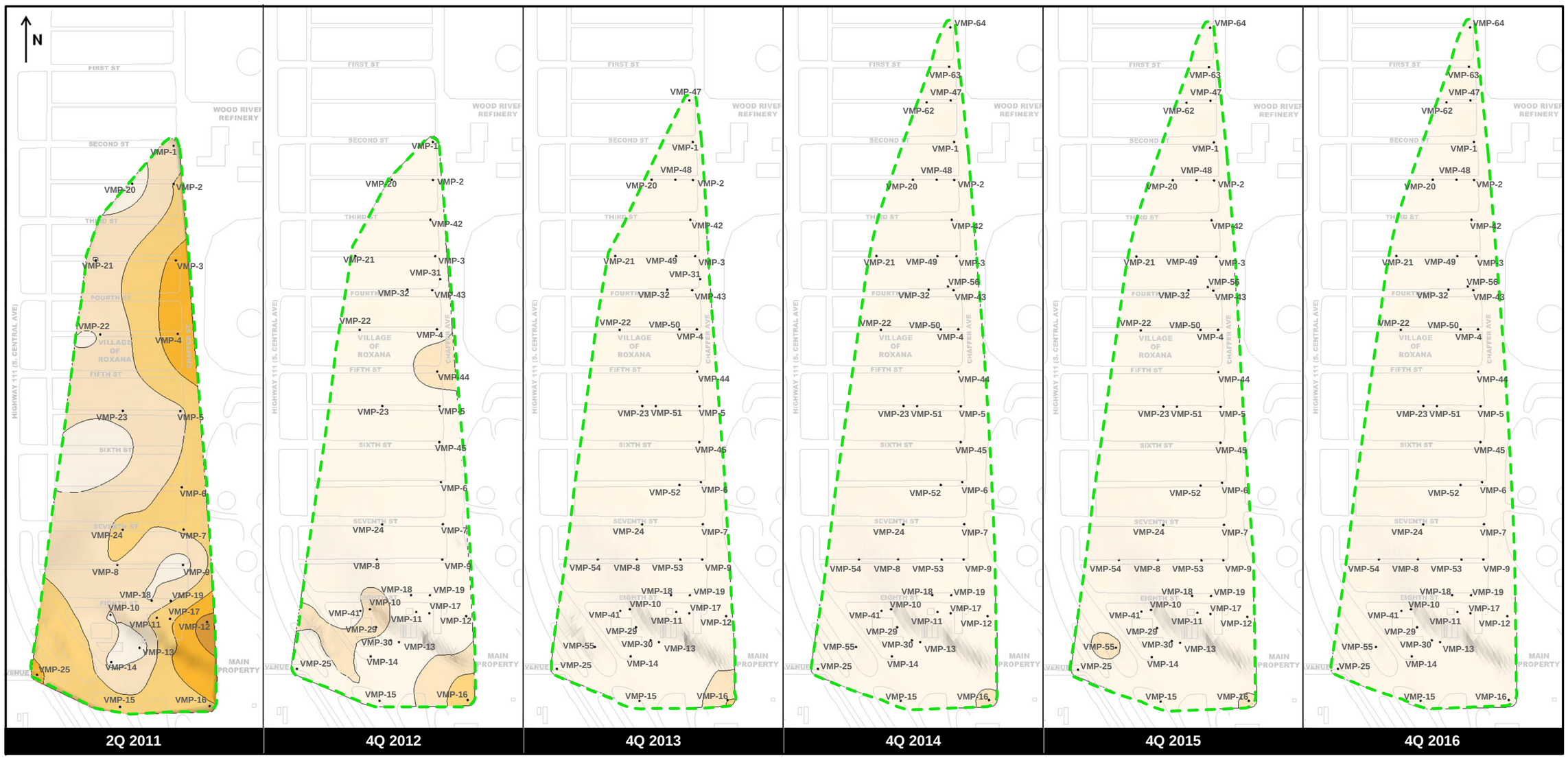
• = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: wp	Benzene Concentration in Soil Gas Over Time (5 feet bgs) — FIG. NO. 3-7

Benzene Concentration in Soil Gas Over Time
10 feet bgs

Pre-SVE ---------- **Current**



NOTES:

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3.) THE LABORATORY ANALYSIS DATA INCLUDED IN THESE VISUALIZATIONS WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS.

Benzene Concentration (mg/m^3)



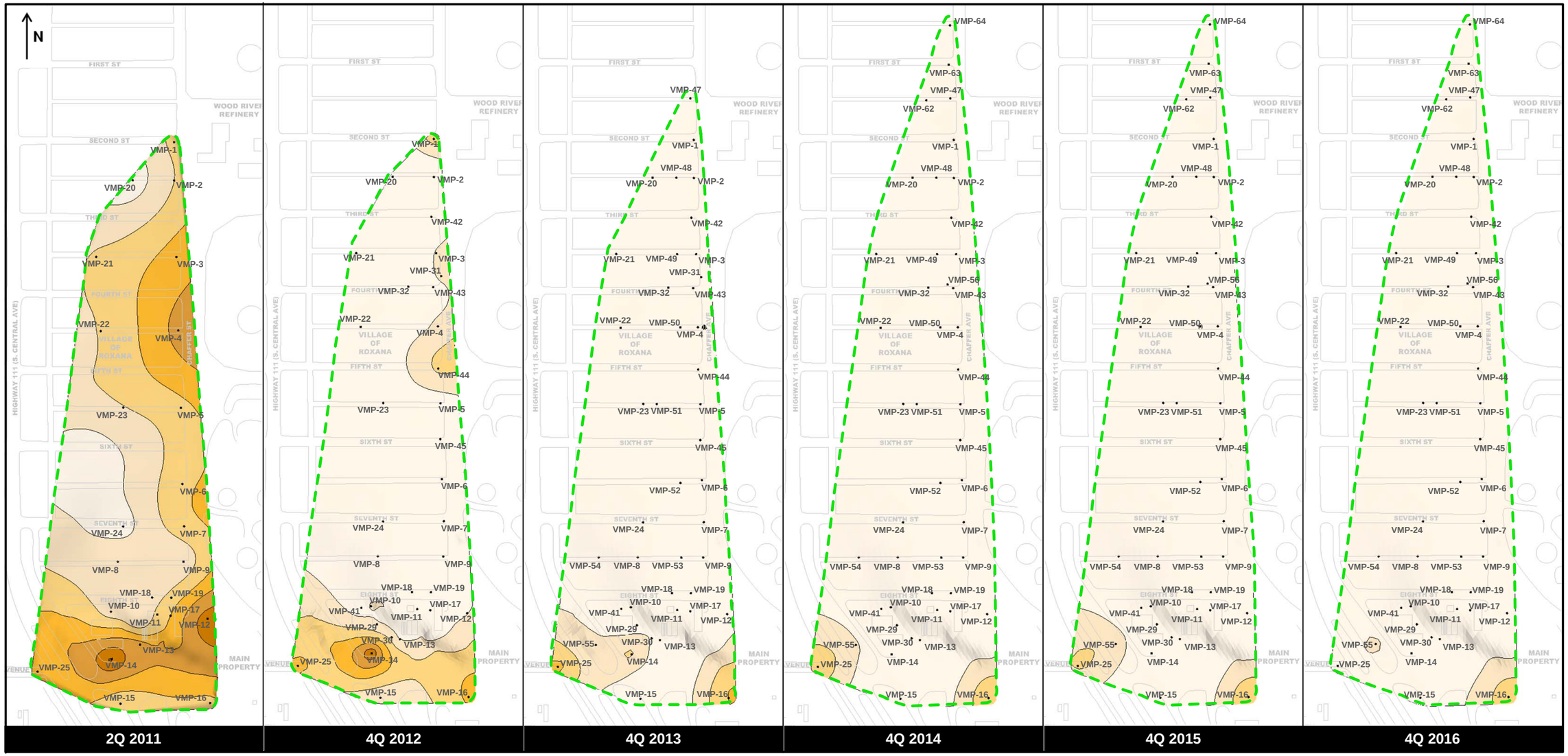
● = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS		PROJECT NO. 60527968
AECOM		
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: wp	Benzene Concentration in Soil Gas Over Time (10 feet bgs)	FIG. NO. 3-8

Benzene Concentration in Soil Gas Over Time
20 feet bgs

Pre-SVE ---------- **Current**



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3.) THE LABORATORY ANALYSIS DATA INCLUDED IN THESE VISUALIZATIONS WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS.

Benzene Concentration (mg/m^3)

0 | 0.1 | 1 | 10 | 100 | 1,000 | ≥10,000

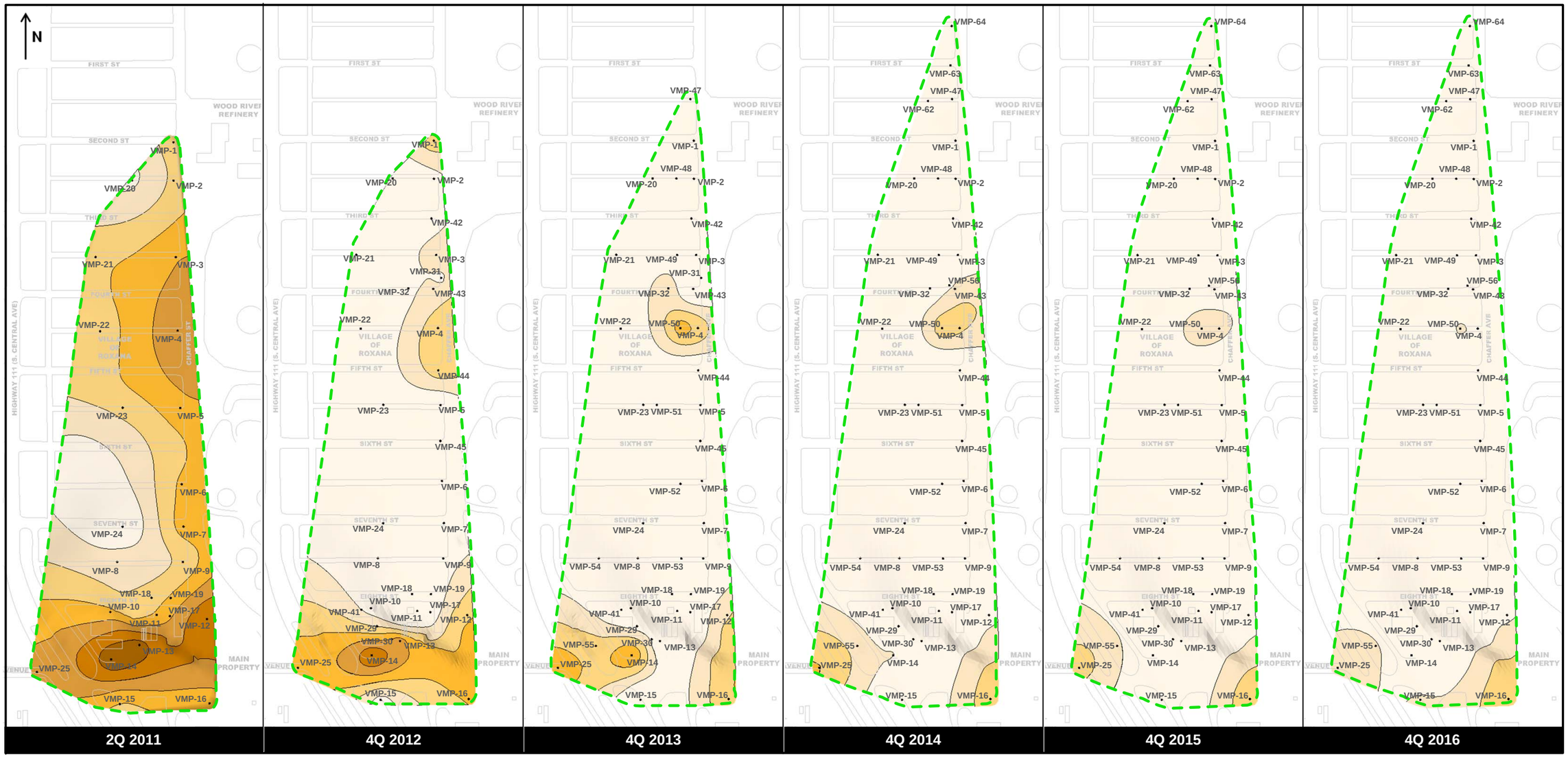
● = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: wp	Benzene Concentration in Soil Gas Over Time (20 feet bgs) — FIG. NO. 3-9

Benzene Concentration in Soil Gas Over Time
30 feet bgs

Pre-SVE ---------- **Current**



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Benzene Concentration (mg/m^3)

0 | 0.1 | 1 | 10 | 100 | 1,000 | ≥10,000

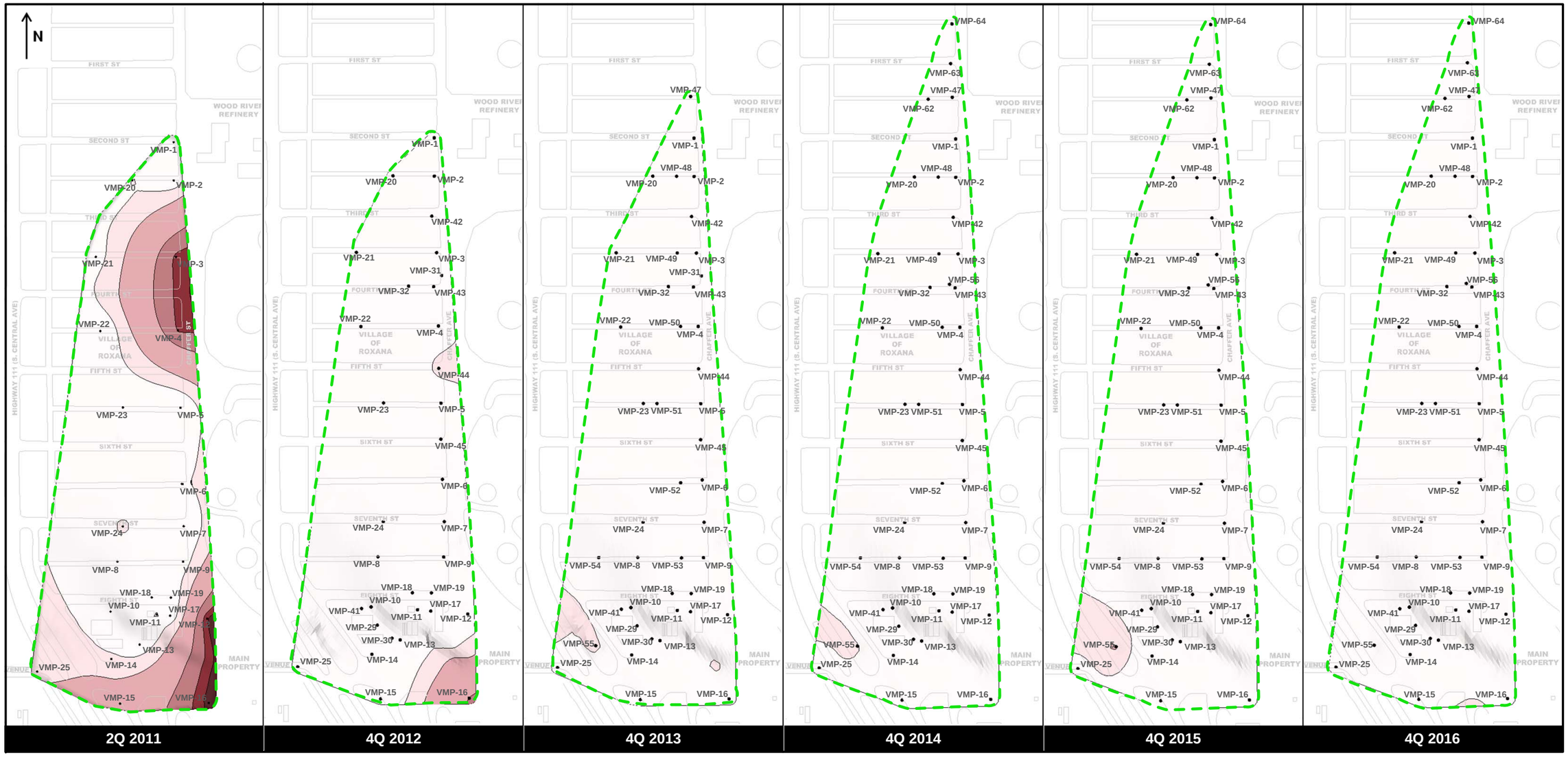
● = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: wp	Benzene Concentration in Soil Gas Over Time (30 feet bgs) — FIG. NO. 3–10

Methane Concentration in Soil Gas Over Time
5 feet bgs

Pre-SVE ---------- **Current**



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3.) THE LABORATORY ANALYSIS DATA INCLUDED IN THESE VISUALIZATIONS WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS.

Methane Concentration (%)

0 | 0.001 | 0.01 | 1 | 10 | 30 | 51

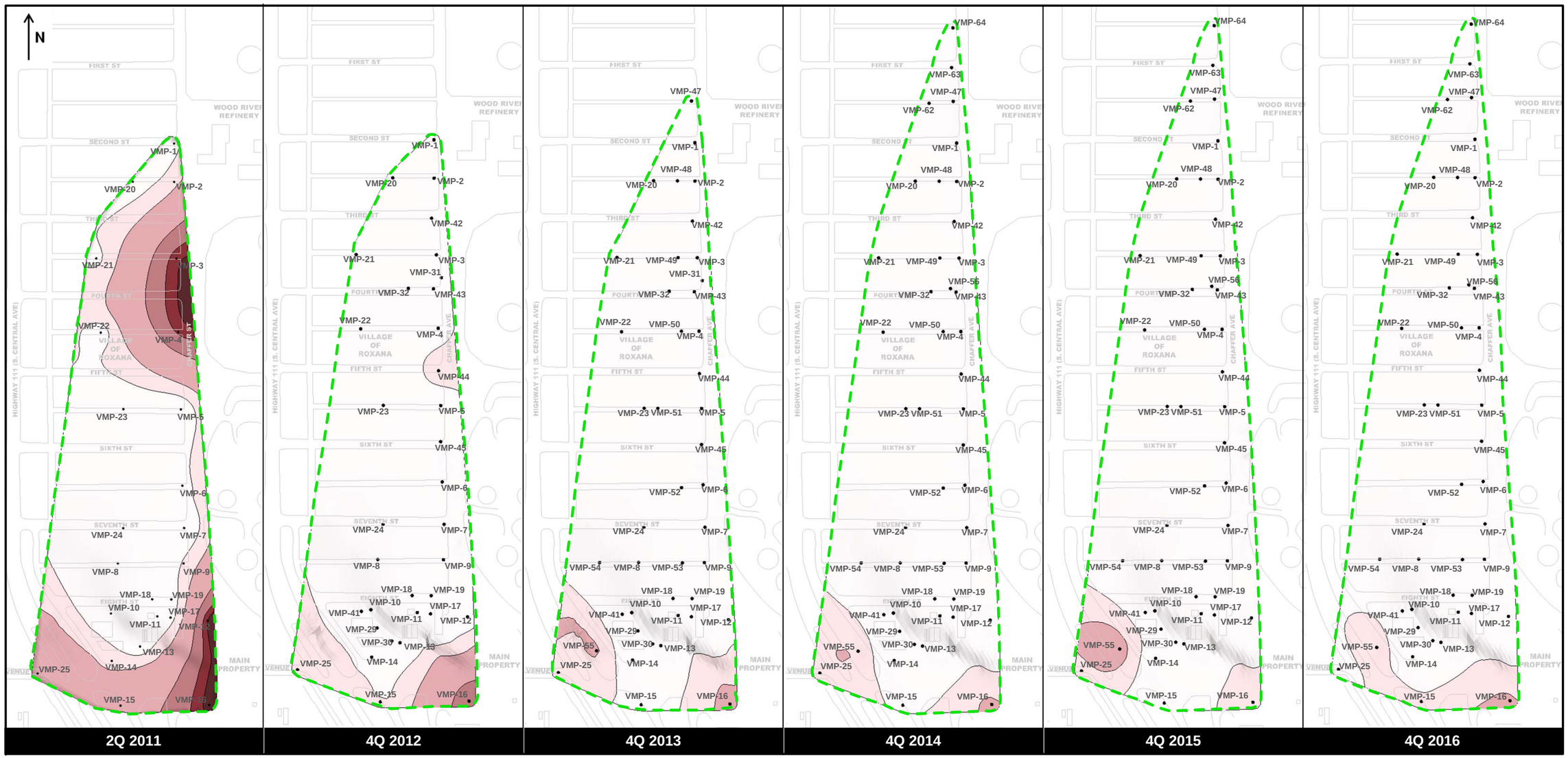
● = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: wp	Methane Concentration in Soil Gas Over Time (5 feet bgs) — FIG. NO. 3–11

Methane Concentration in Soil Gas Over Time
10 feet bgs

Pre-SVE ---------- **Current**



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Methane Concentration (%)

0 | 0.001 | 0.01 | 1 | 10 | 30 | 51

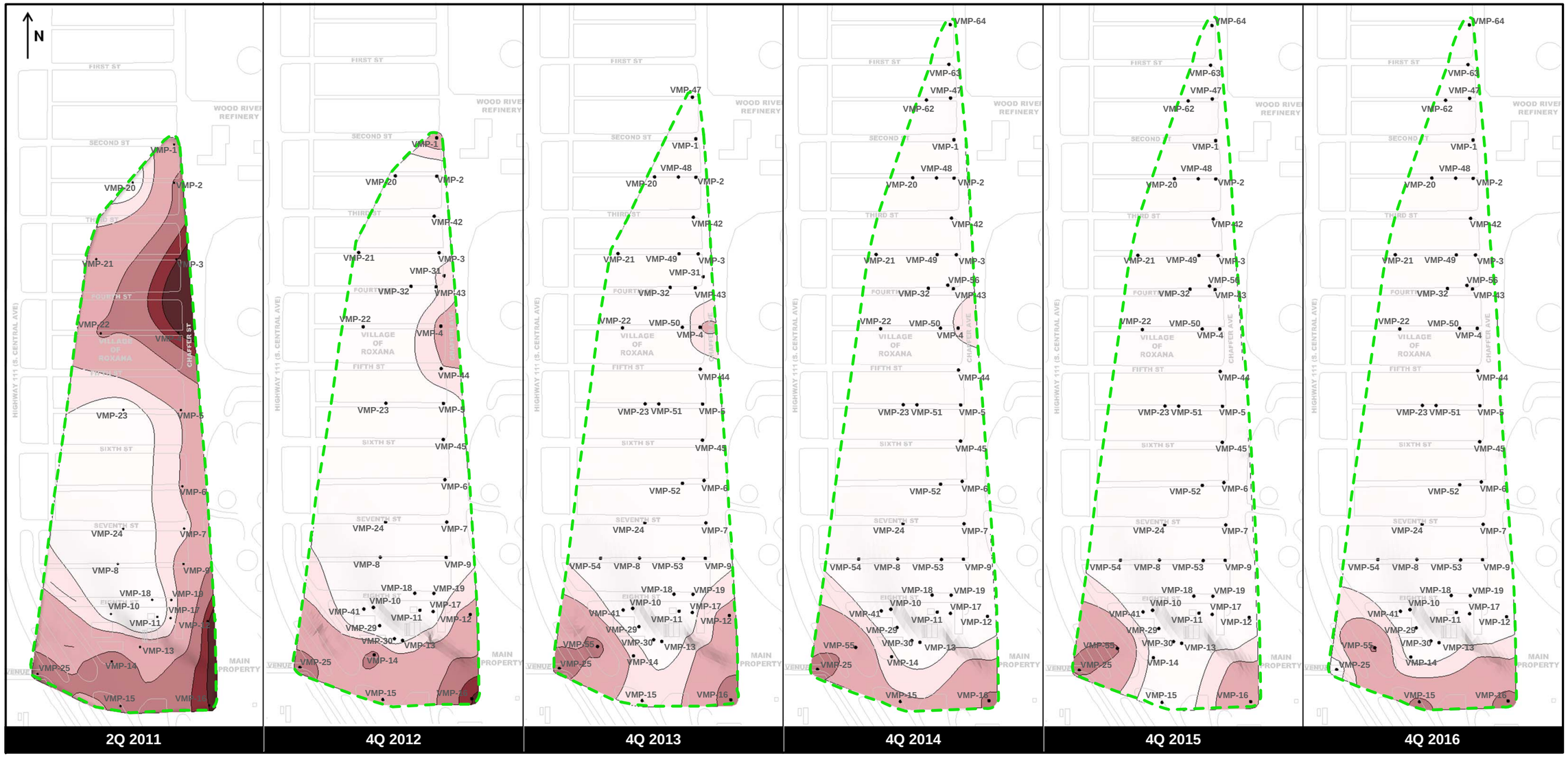
● = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: wp	Methane Concentration in Soil Gas Over Time (10 feet bgs) — FIG. NO. 3–12

Methane Concentration in Soil Gas Over Time
20 feet bgs

Pre-SVE ---------- **Current**



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Methane Concentration (%)

0 | 0.001 | 0.01 | 1 | 10 | 30 | 51

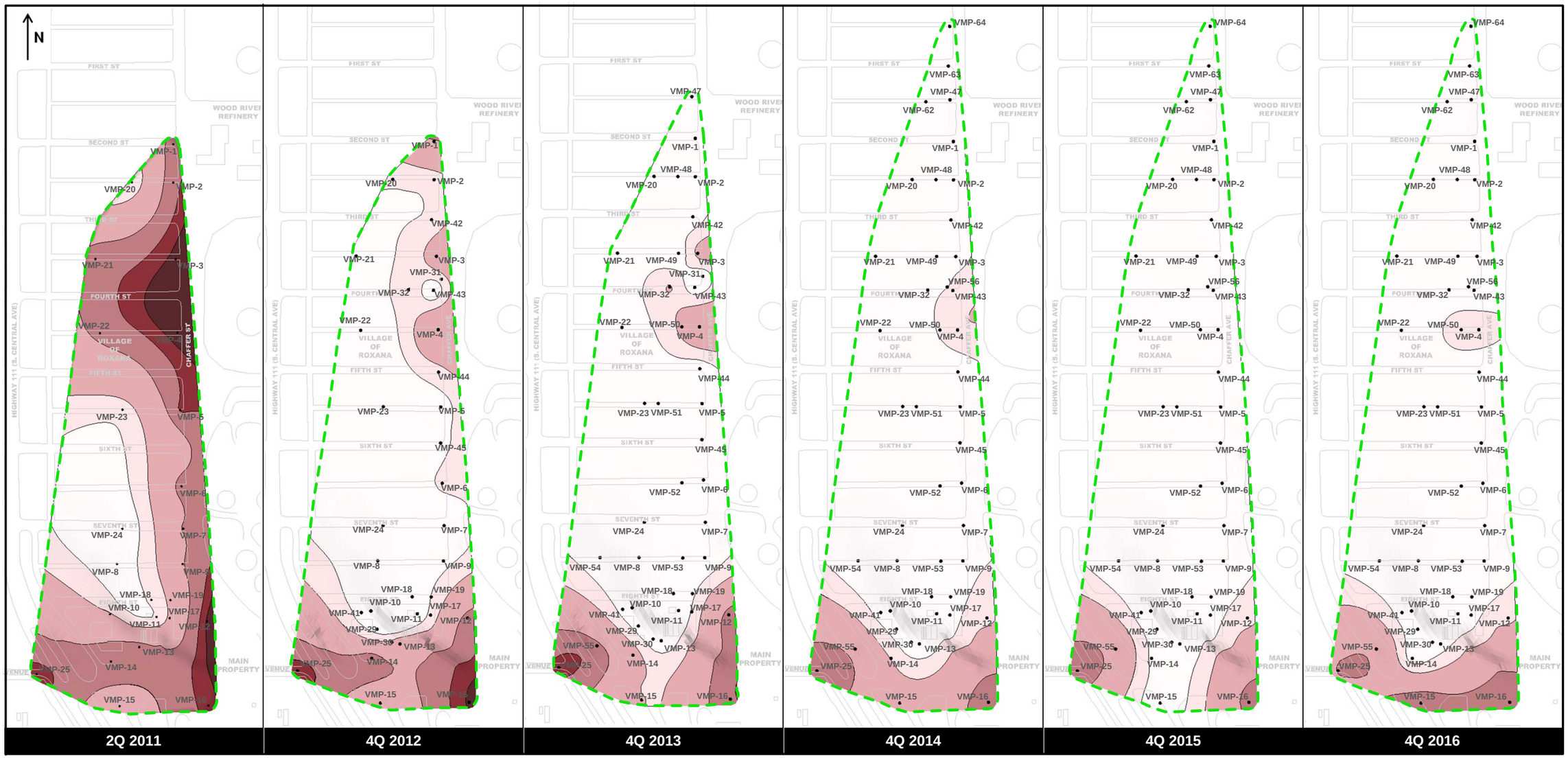
● = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS		PROJECT NO. 60527968
AECOM		
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: wp	Methane Concentration in Soil Gas Over Time (20 feet bgs)	FIG. NO. 3–13

Methane Concentration in Soil Gas Over Time
30 feet bgs

Pre-SVE ---------- **Current**



NOTES:
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Methane Concentration (%)

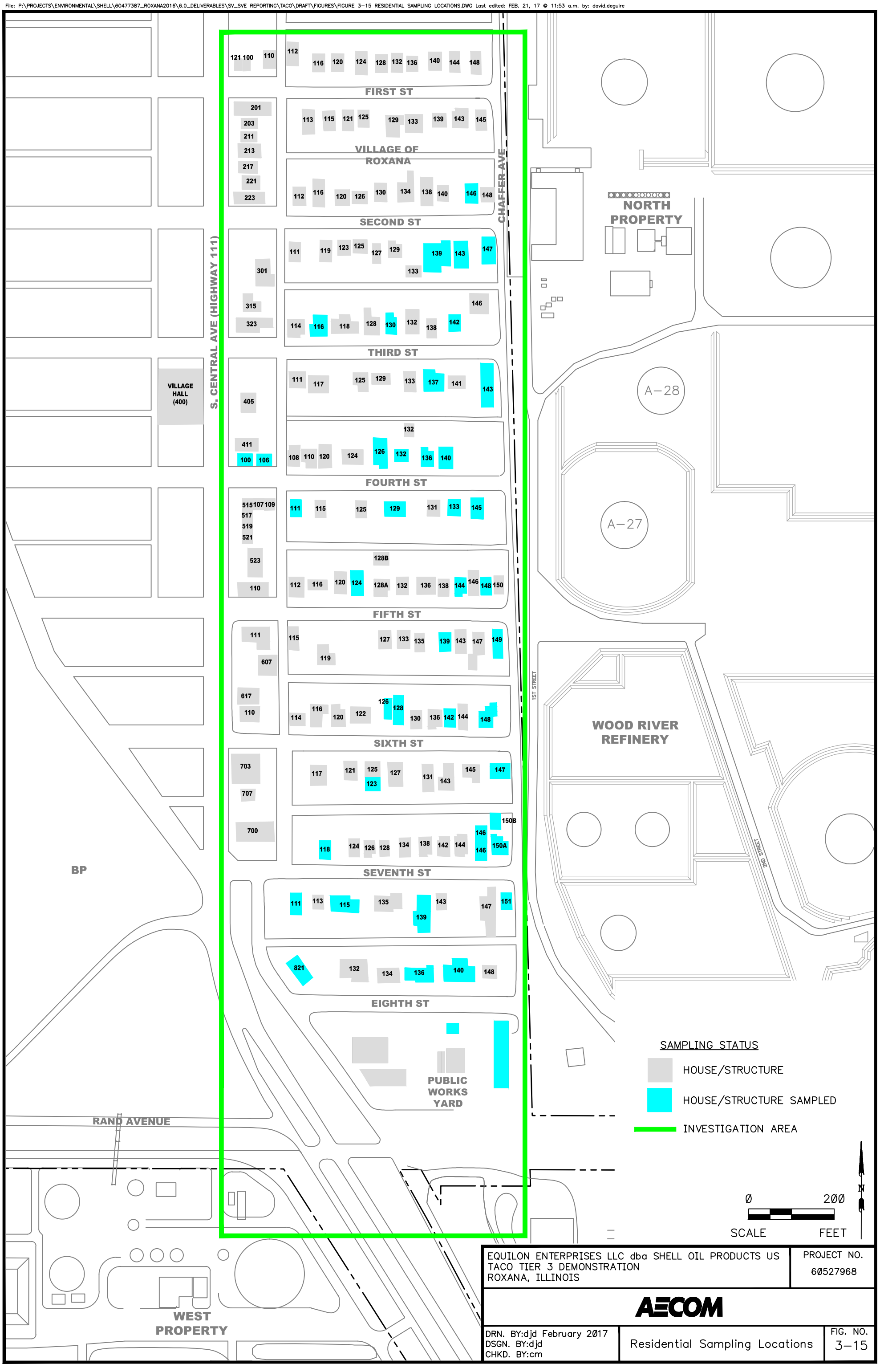
0 | 0.001 | 0.01 | 1 | 10 | 30 | 51

● = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: wp	Methane Concentration in Soil Gas Over Time (30 feet bgs) — FIG. NO. 3–14

File: P:\PROJECTS\ENVIRONMENTAL\SHELL\60477387_ROXANA2016\6.0_DELIVERABLES\SV_SVE REPORTING\TACO\DRAFT\FIGURES\FIGURE 3-15 RESIDENTIAL SAMPLING LOCATIONS.DWG Last edited: FEB. 21, 17 @ 11:53 a.m. by: david.deguire



EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US
TACO TIER 3 DEMONSTRATION
ROXANA, ILLINOIS

PROJECT NO. 60527968

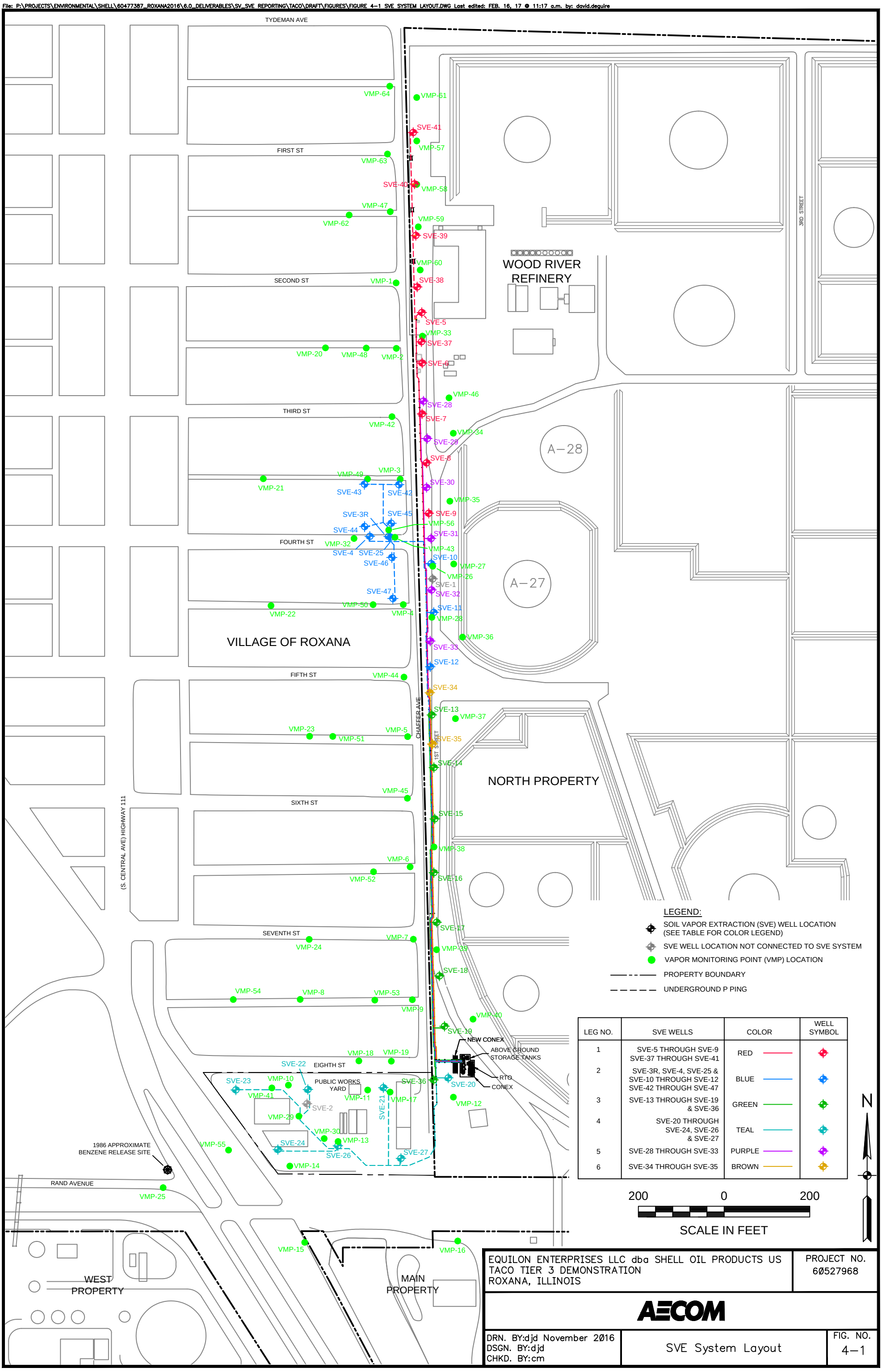
AECOM

DRN. BY:djd February 2017
DSGN. BY:djd
CHKD. BY:cm

Residential Sampling Locations

FIG. NO. 3-15

File: P:\PROJECTS\ENVIRONMENTAL\SHELL\60477387_ROXANA2016\6.0_DELIVERABLES\SV_SVE REPORTING\TACO\DRAFT\FIGURES\FIGURE 4-1 SVE SYSTEM LAYOUT.DWG Last edited: FEB. 16, 17 @ 11:17 a.m. by: david.deguire



LEGEND:

- SOIL VAPOR EXTRACTION (SVE) WELL LOCATION (SEE TABLE FOR COLOR LEGEND)
- SVE WELL LOCATION NOT CONNECTED TO SVE SYSTEM
- VAPOR MONITORING POINT (VMP) LOCATION
- PROPERTY BOUNDARY
- UNDERGROUND P PING

LEG NO.	SVE WELLS	COLOR	WELL SYMBOL
1	SVE-5 THROUGH SVE-9 SVE-37 THROUGH SVE-41	RED	
2	SVE-3R, SVE-4, SVE-25 & SVE-10 THROUGH SVE-12 SVE-42 THROUGH SVE-47	BLUE	
3	SVE-13 THROUGH SVE-19 & SVE-36	GREEN	
4	SVE-20 THROUGH SVE-24, SVE-26 & SVE-27	TEAL	
5	SVE-28 THROUGH SVE-33	PURPLE	
6	SVE-34 THROUGH SVE-35	BROWN	

200 0 200

SCALE IN FEET

N

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US
TACO TIER 3 DEMONSTRATION
ROXANA, ILLINOIS

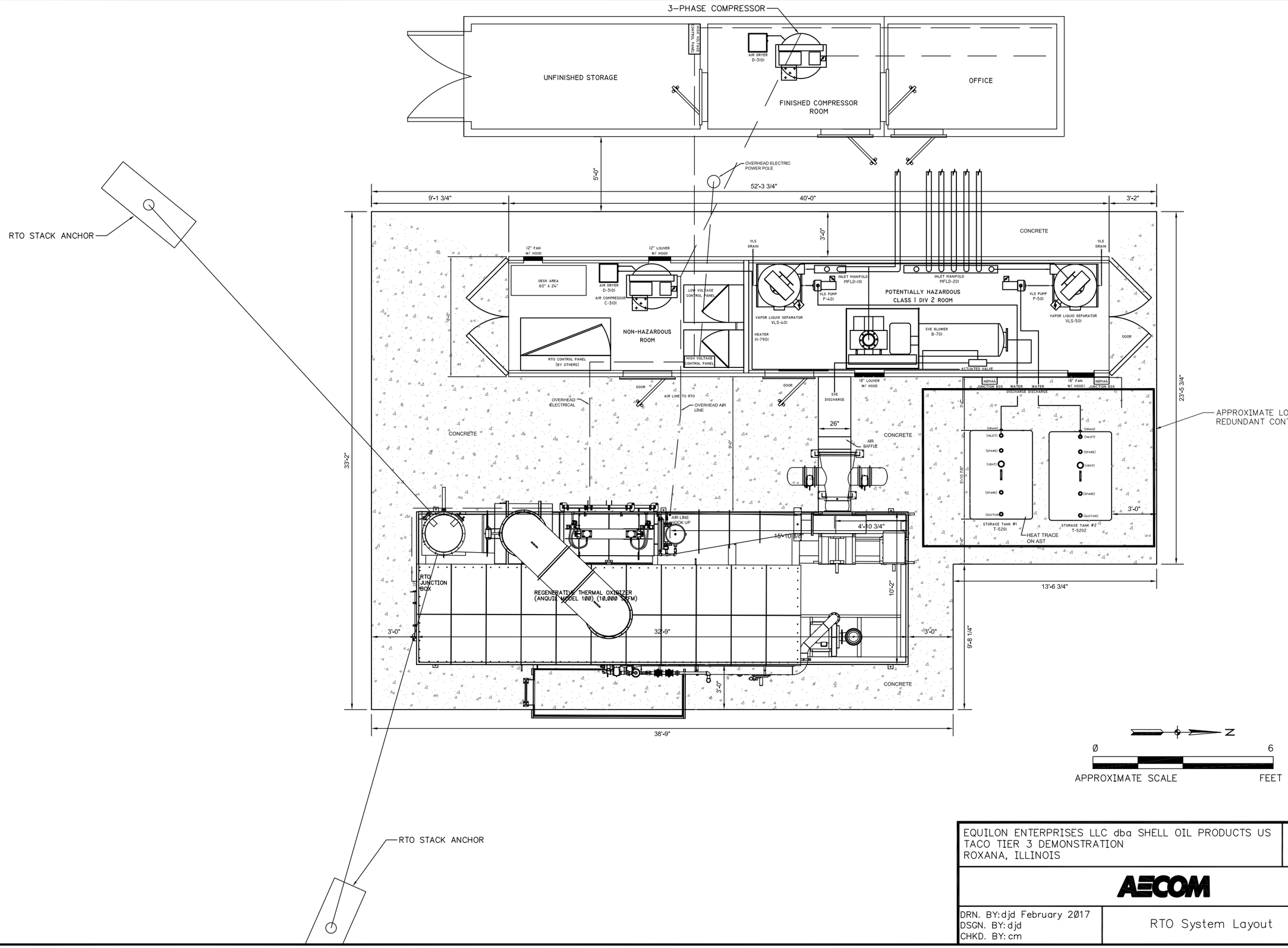
PROJECT NO. 60527968

AECOM

DRN. BY:djd November 2016
DSGN. BY:djd
CHKD. BY:cm

SVE System Layout

FIG. NO. 4-1



EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: djd February 2017 DSGN. BY: djd CHKD. BY: cm	RTO System Layout — FIG. NO. 4-2

File: P:\PROJECTS\ENVIRONMENTAL\SHELL\60477387_ROXANA2016\6.0_DELIVERABLES\SV_SVE REPORTING\TACO\DRAFT\FIGURES\FIGURE 4-2 RTO SYSTEM LAYOUT.DWG Last edited: 02/03/17 @ 1:10 p.m. by: david.deguire

File: P:\PROJECTS\ENVIRONMENTAL\SHELL\60477387_ROXANA2016\6.0_DELIVERABLES\SV_SVE REPORTING\TACO\DRAFT\FIGURES\FIGURE 4-3 SVE WELL CLOSURE STATUS.DWG Last edited: FEB. 06, 17 @ 3:01 p.m. by: david.deguire

Line	SVE Well	Screen Interval (ft. bgs)	Open/Closed (O/C) Date Closed
Blue	SVE-3R	31-41	O
	SVE-4	5-15	C - 1/21/13
	SVE-10	10-20	C - 5/22/15
	SVE-11	10-20	O
	SVE-12	10-20	O
	SVE-25	25-35	C - 8/30/14
	SVE-42	25-35	O
	SVE-43	25-35	O
	SVE-44	25-35	C - 2/29/16
	SVE-45	37-42	C - 5/12/16
	SVE-46	15-25	C - 5/26/16
	SVE-47	15-25	C - 2/29/16
Red	SVE-5	10-20	C - 5/20/14
	SVE-6	10-20	C - 6/24/14
	SVE-7	10-20	C - 5/20/14
	SVE-8	9-19	C - 6/24/14
	SVE-9	10-20	C - 6/24/14
	SVE-37	25-35	C - 6/16/16
	SVE-38	25-35	O
	SVE-39	25-35	O
	SVE-40	25-35	O
	SVE-41	25-30	C - 5/20/14
Green	SVE-13	10-20	C - 2/20/15
	SVE-14	10-20	C - 2/20/15
	SVE-15	10-20	C - 11/18/13
	SVE-16	10-20	O
	SVE-17	10-20	O
	SVE-18	8-18	O
	SVE-19	11-21	O
	SVE-36	10-20	C - 3/18/14
Teal	SVE-20	25-35	O
	SVE-21	25-35	C - 2/18/14
	SVE-22	25-35	C - 2/10/14
	SVE-23	25-35	C - 5/22/15
	SVE-24	25-35	O
	SVE-26	25-35	C - 5/22/15
	SVE-27	25-35	O
Purple	SVE-28	41-51	C - 9/30/14
	SVE-29	21-31	C - 2/20/15
	SVE-30	25-35	O
	SVE-31	25-35	O
	SVE-32	25-35	O
	SVE-33	25-35	O
Brown	SVE-34	25-45	O
	SVE-35	31-41	C - 3/18/14

TYDEMAN AVE
FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
CHAFFER AVENUE
(S. CENTRAL AVE) HIGHWAY 111
2ND STREET
RAND AVENUE
VILLAGE OF ROXANA
WOOD RIVER REFINERY
NORTH PROPERTY
WEST PROPERTY
MAIN PROPERTY
BP
A-28
A-27
PUBLIC WORKS YARD
1986 APPROXIMATE BENZENE RELEASE SITE
NEW CONEX
ABOVE GROUND STORAGE TANKS
RTO
CONEX

LEGEND:
- OPEN SOIL VAPOR EXTRACTION (SVE) WELL
- CLOSED SVE WELL (SEE TABLE FOR CLOSURE DATE)
- VAPOR MONITORING POINT (VMP)
- PROPERTY BOUNDARY
- SVE-36 SHALLOW SVE WELL
- *SVE-21* DEEP SVE WELL
- UNDERGROUND PIPING

N

200 0 200
SCALE IN FEET

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US
TACO TIER 3 DEMONSTRATION
ROXANA, ILLINOIS

PROJECT NO. 60527968

AECOM

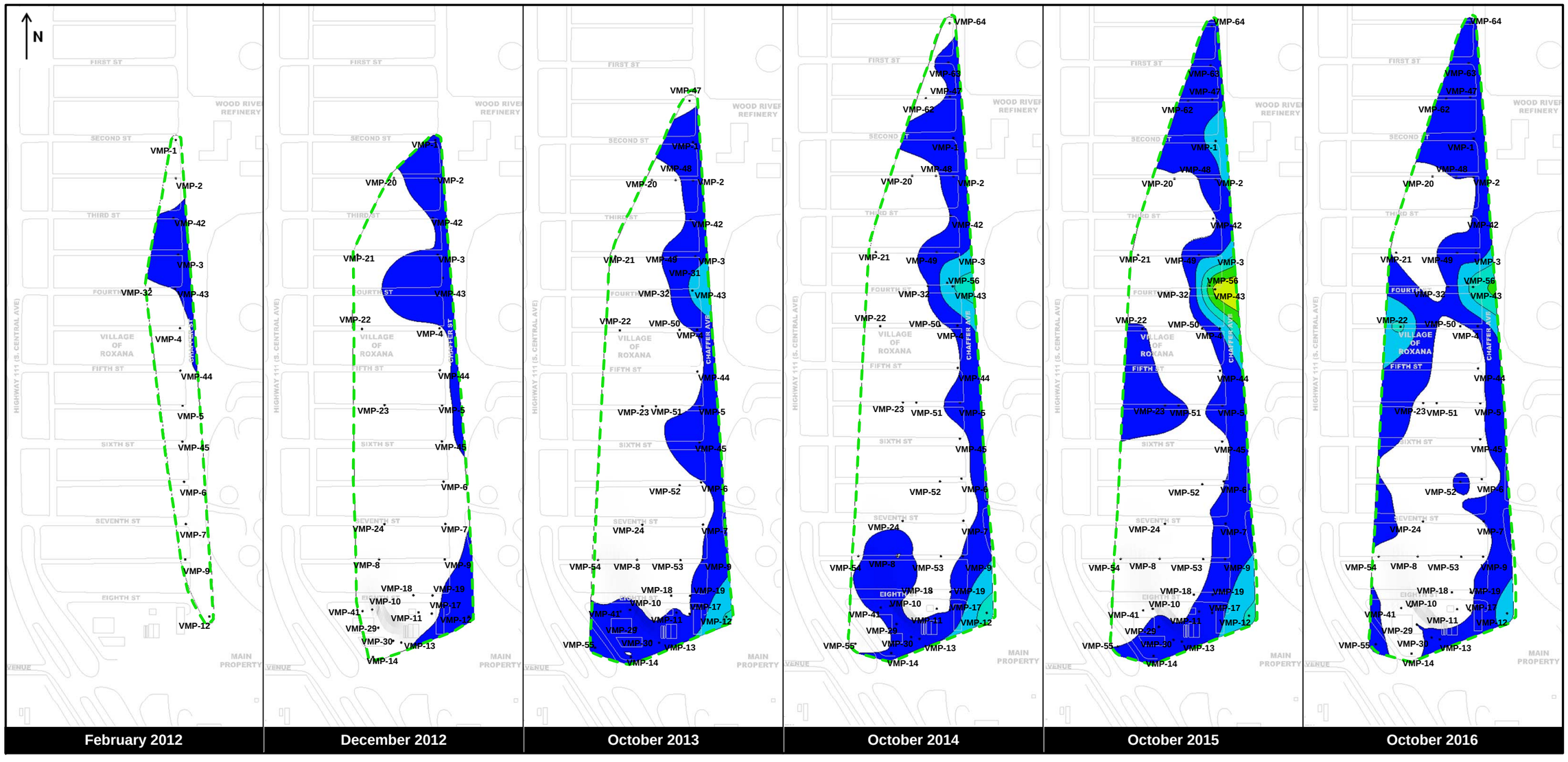
DRN. BY:djd February 2017
DSGN. BY:djd
CHKD. BY:cm

SVE Well Closure Status

FIG. NO. 4-3

Vacuum Response to SVE System
5 feet bgs

West Fenceline SVE Start-up ⇢ **Public Works SVE Start-up** ⇢ **Current**



NOTES:

1.) IMAGES ARE GENERATED USING CTECH ENVIRONMENTAL VISUALIZATION SOFTWARE (EVS). CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP LOCATIONS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF MEASURED DATA. SOME INTERPRETATION WAS COMPLETED UTILIZING PROFESSIONAL JUDGEMENT.

2.) INITIAL SYSTEM STARTUP OF THE WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

3.) VACUUM DATA PRESENTED REPRESENTS MONTHLY EFFECTIVENESS MONITORING DATA COLLECTED DURING THE SAME MONTH AS THE CORRESPONDING QUARTERLY SOIL VAPOR MONITORING EVENT.

Initial Vacuum (in-w.c.)

≤ 0.1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | ≥ 8

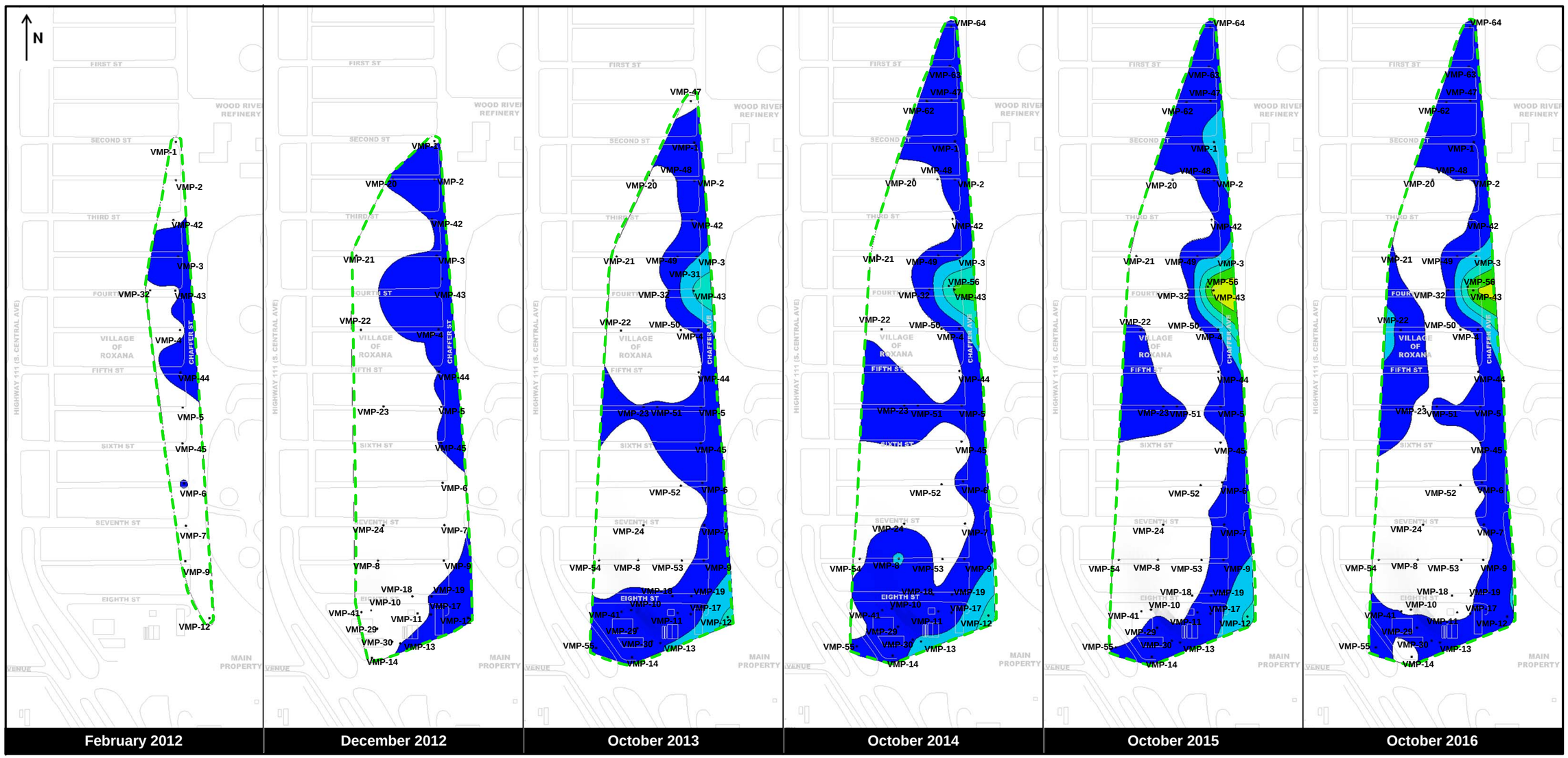
● = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS		PROJECT NO. 60527968
AECOM		
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: atd	Vacuum Response to SVE system (5 feet bgs)	FIG. NO. 4-4

Vacuum Response to SVE System
10 feet bgs

West Fenceline SVE Start-up ⇢ **Public Works SVE Start-up** ⇢ **Current**



NOTES:
1.) IMAGES ARE GENERATED USING CTECH ENVIRONMENTAL VISUALIZATION SOFTWARE (EVS). CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP LOCATIONS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF MEASURED DATA. SOME INTERPRETATION WAS COMPLETED UTILIZING PROFESSIONAL JUDGEMENT.

2.) INITIAL SYSTEM STARTUP OF THE WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

3.) VACUUM DATA PRESENTED REPRESENTS MONTHLY EFFECTIVENESS MONITORING DATA COLLECTED DURING THE SAME MONTH AS THE CORRESPONDING QUARTERLY SOIL VAPOR MONITORING EVENT.

Initial Vacuum (in-w.c.)

≤ 0.1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | ≥ 8

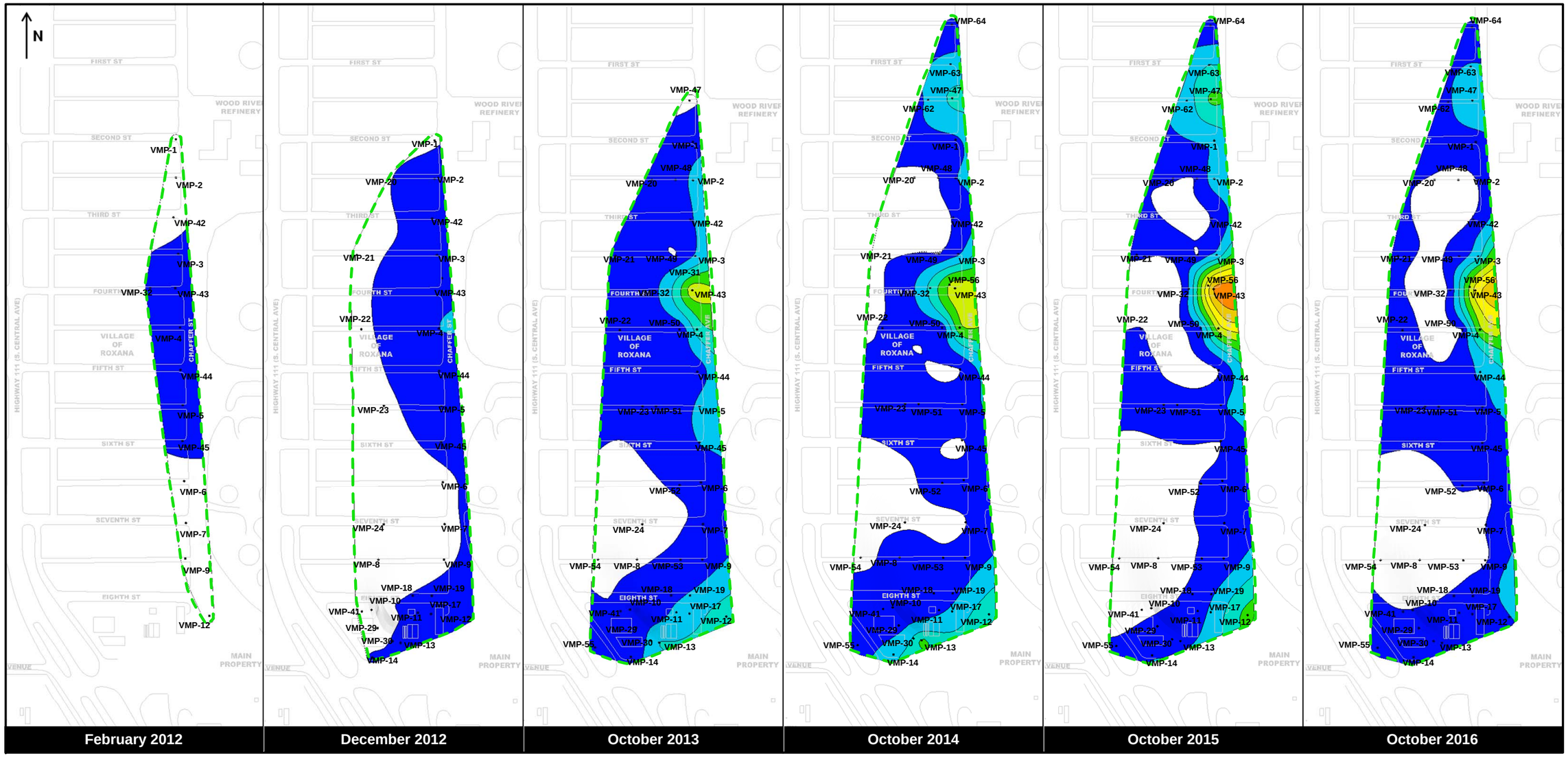
● = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: atd	Vacuum Response to SVE system (10 feet bgs)
	FIG. NO. 4-5

Vacuum Response to SVE System
20 feet bgs

West Fenceline SVE Start-up ----> Public Works SVE Start-up ----------> Current



NOTES:
1.) IMAGES ARE GENERATED USING CTECH ENVIRONMENTAL VISUALIZATION SOFTWARE (EVS). CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP LOCATIONS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF MEASURED DATA. SOME INTERPRETATION WAS COMPLETED UTILIZING PROFESSIONAL JUDGEMENT.

2.) INITIAL SYSTEM STARTUP OF THE WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

3.) VACUUM DATA PRESENTED REPRESENTS MONTHLY EFFECTIVENESS MONITORING DATA COLLECTED DURING THE SAME MONTH AS THE CORRESPONDING QUARTERLY SOIL VAPOR MONITORING EVENT.

Initial Vacuum (in-w.c.)

≤ 0.1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | ≥ 8

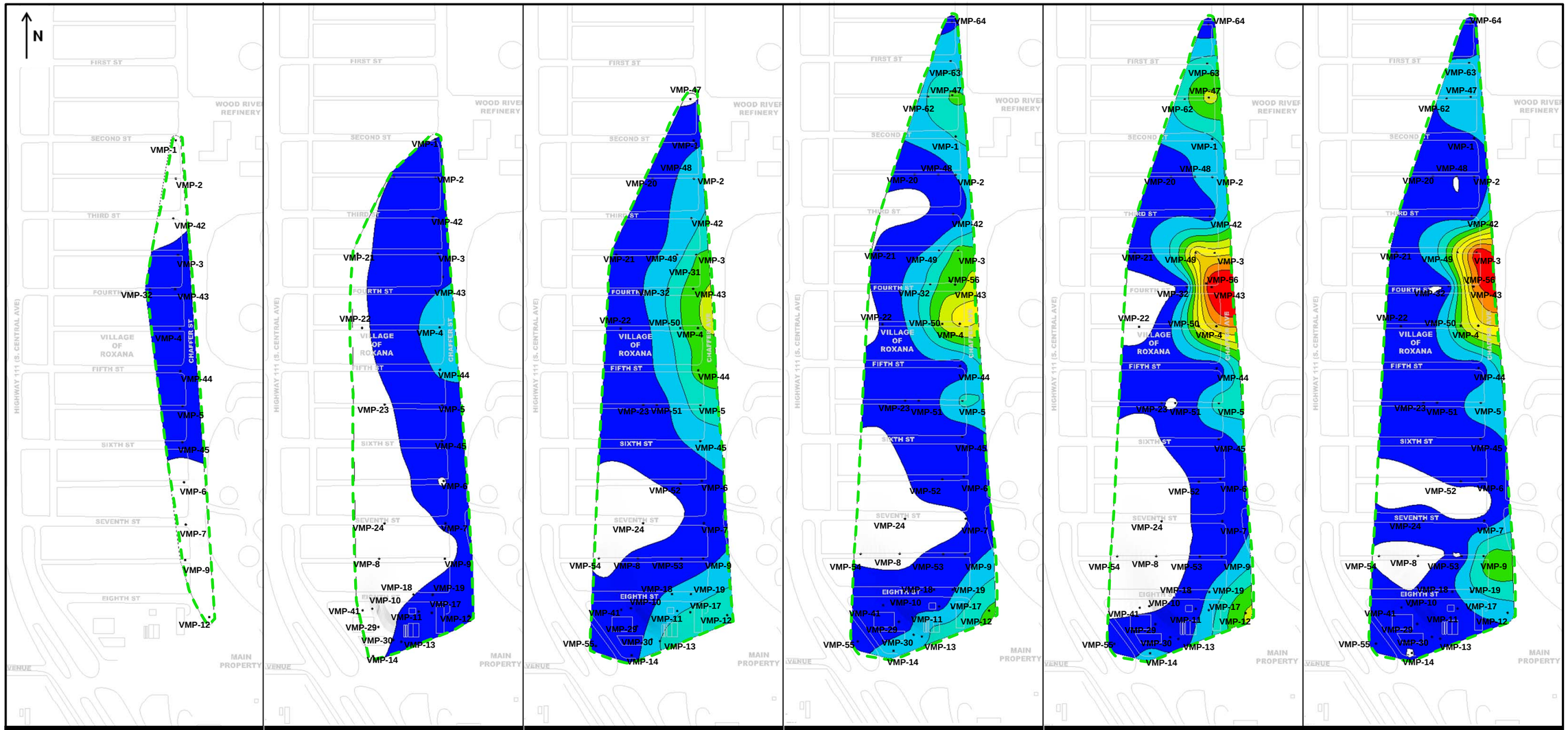
● = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: atd	Vacuum Response to SVE system (20 feet bgs)
	FIG. NO. 4-6

Vacuum Response to SVE System
30 feet bgs

West Fenceline SVE Start-up ----> **Public Works SVE Start-up** ----------> **Current**



NOTES:

1.) IMAGES ARE GENERATED USING CTECH ENVIRONMENTAL VISUALIZATION SOFTWARE (EVS). CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP LOCATIONS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF MEASURED DATA. SOME INTERPRETATION WAS COMPLETED UTILIZING PROFESSIONAL JUDGEMENT.

2.) INITIAL SYSTEM STARTUP OF THE WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

3.) VACUUM DATA PRESENTED REPRESENTS MONTHLY EFFECTIVENESS MONITORING DATA COLLECTED DURING THE SAME MONTH AS THE CORRESPONDING QUARTERLY SOIL VAPOR MONITORING EVENT.

Initial Vacuum (in-w c)

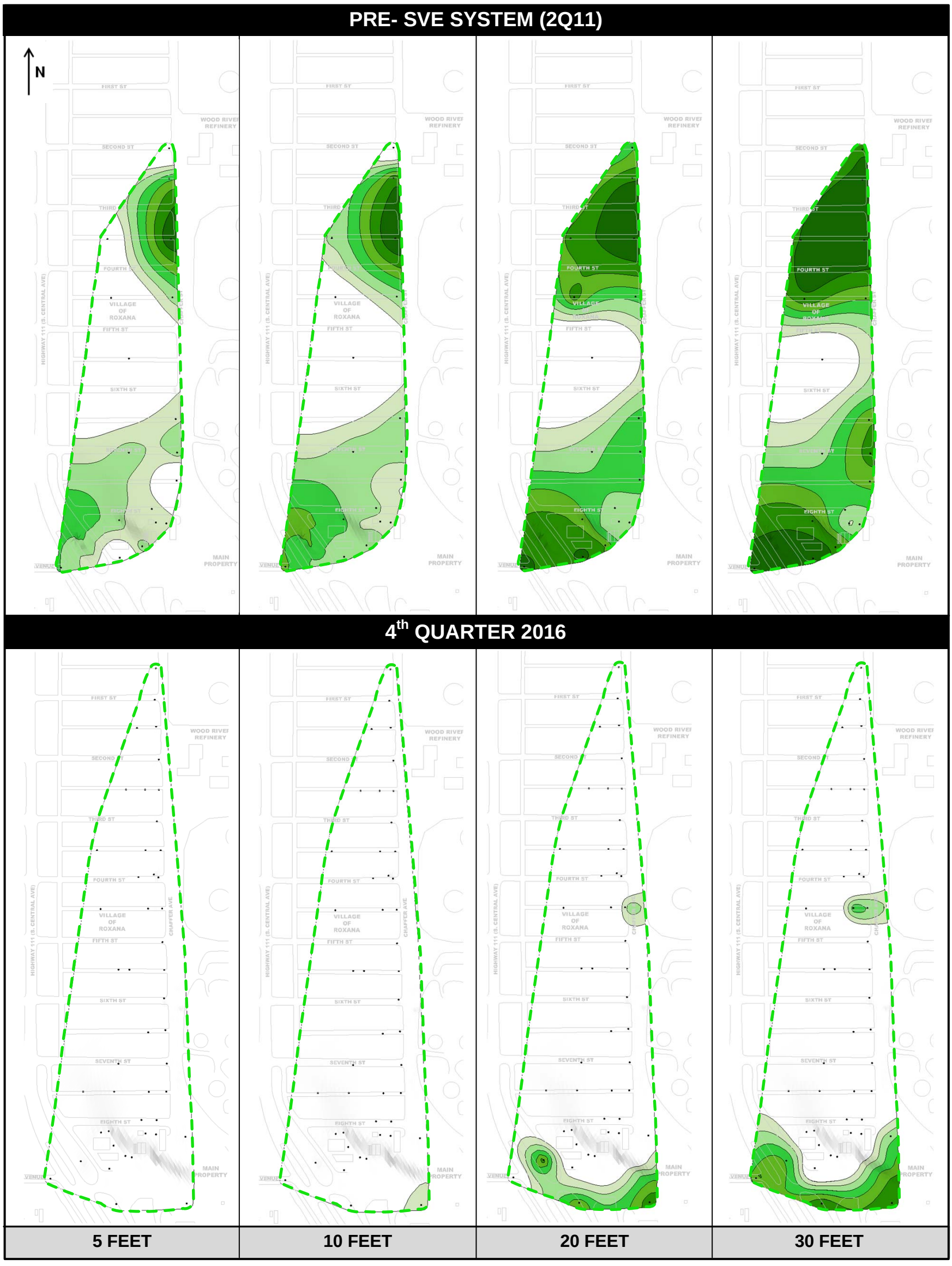
≤ 0.1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | ≥ 8

● = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: atd	Vacuum Response to SVE system (30 feet bgs)
	FIG. NO. 4-7

THC Concentration in Soil Gas Pre-SVE and 4th Quarter 2016
(5, 10, 20, 30 feet bgs)



• = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

THC Concentration (ppmv)

≤1 | 10 | 100 | 1,000 | 10,000 | 100,000 | 1,000,000

NOTES:

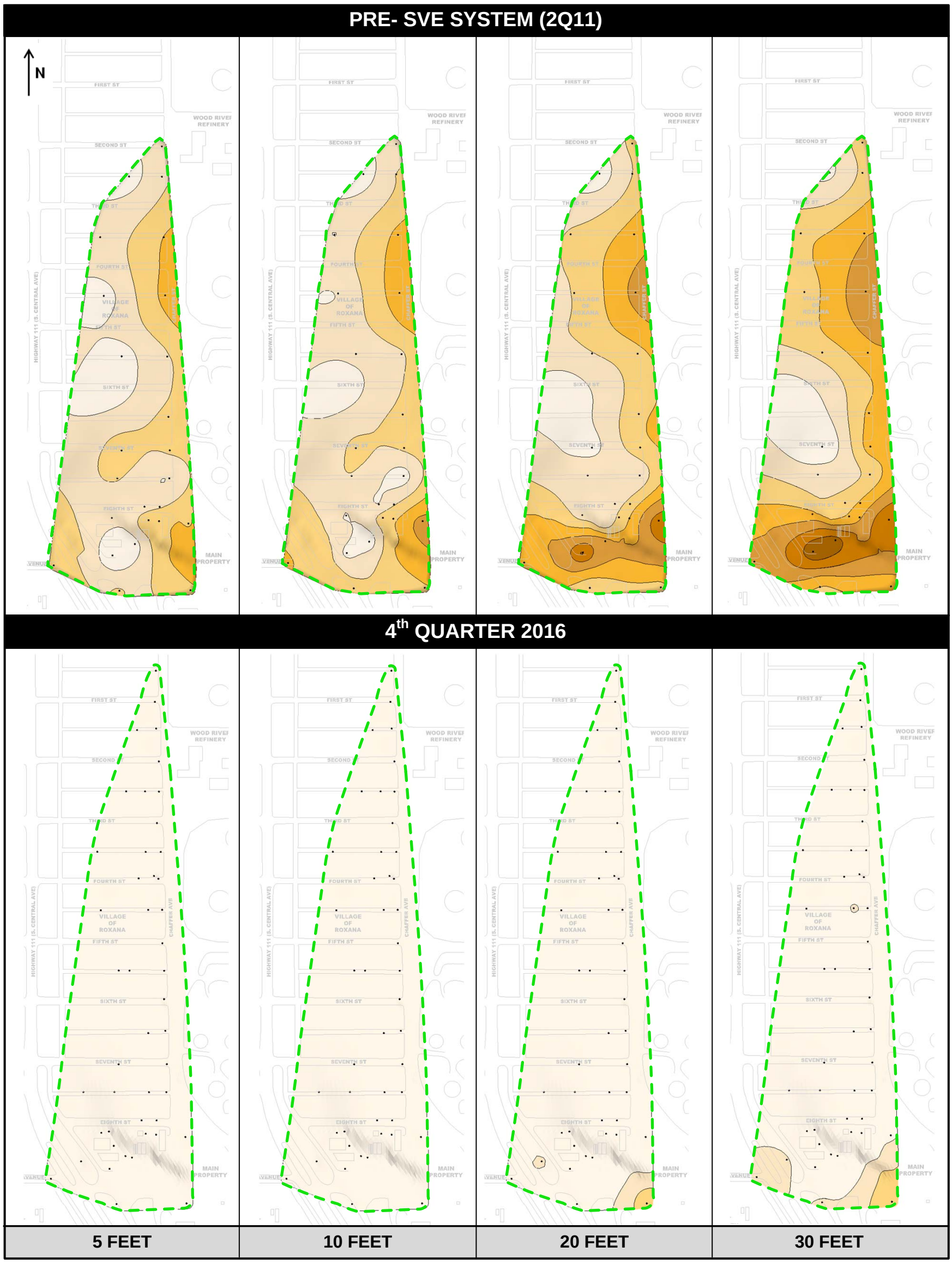
1.) IMAGES ARE GENERATED USING CTECH ENVIRONMENTAL VISUALIZATION SOFTWARE (EVS). CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP LOCATIONS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF MEASURED DATA. SOME INTERPRETATION WAS COMPLETED UTILIZING PROFESSIONAL JUDGEMENT.

2.) INITIAL SYSTEM STARTUP OF THE WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

3.) THE SCREENING DATA INCLUDED IN THESE VISUALIZATIONS WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS THROUGH FIELD LABORATORY ANALYSIS OF SOIL GAS COLLECTED IN TEDLAR® BAG SAMPLES USING THERMO SCIENTIFIC TVA 1000 VAPOR ANALYZER - FLAME IONIZATION DETECTOR.

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: atd	THC Concentration in Soil Gas Pre-SVE and 4th Quarter 2016 (5, 10, 20, 30 feet bgs)
	FIG. NO. 4-8

Benzene Concentration in Soil Gas Pre-SVE and 4th Quarter 2016
(5, 10, 20, 30 feet bgs)



• = Vapor Monitoring Point Location (VMP)

= Extent of EVS Model

Benzene Concentration (mg/m^3)

0 | 0.1 | 1 | 10 | 100 | 1,000 | >10,000

NOTES:

1.) IMAGES ARE GENERATED USING CTECH ENVIRONMENTAL VISUALIZATION SOFTWARE (EVS). CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP LOCATIONS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF MEASURED DATA. SOME INTERPRETATION WAS COMPLETED UTILIZING PROFESSIONAL JUDGEMENT.

2.) INITIAL SYSTEM STARTUP OF THE WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

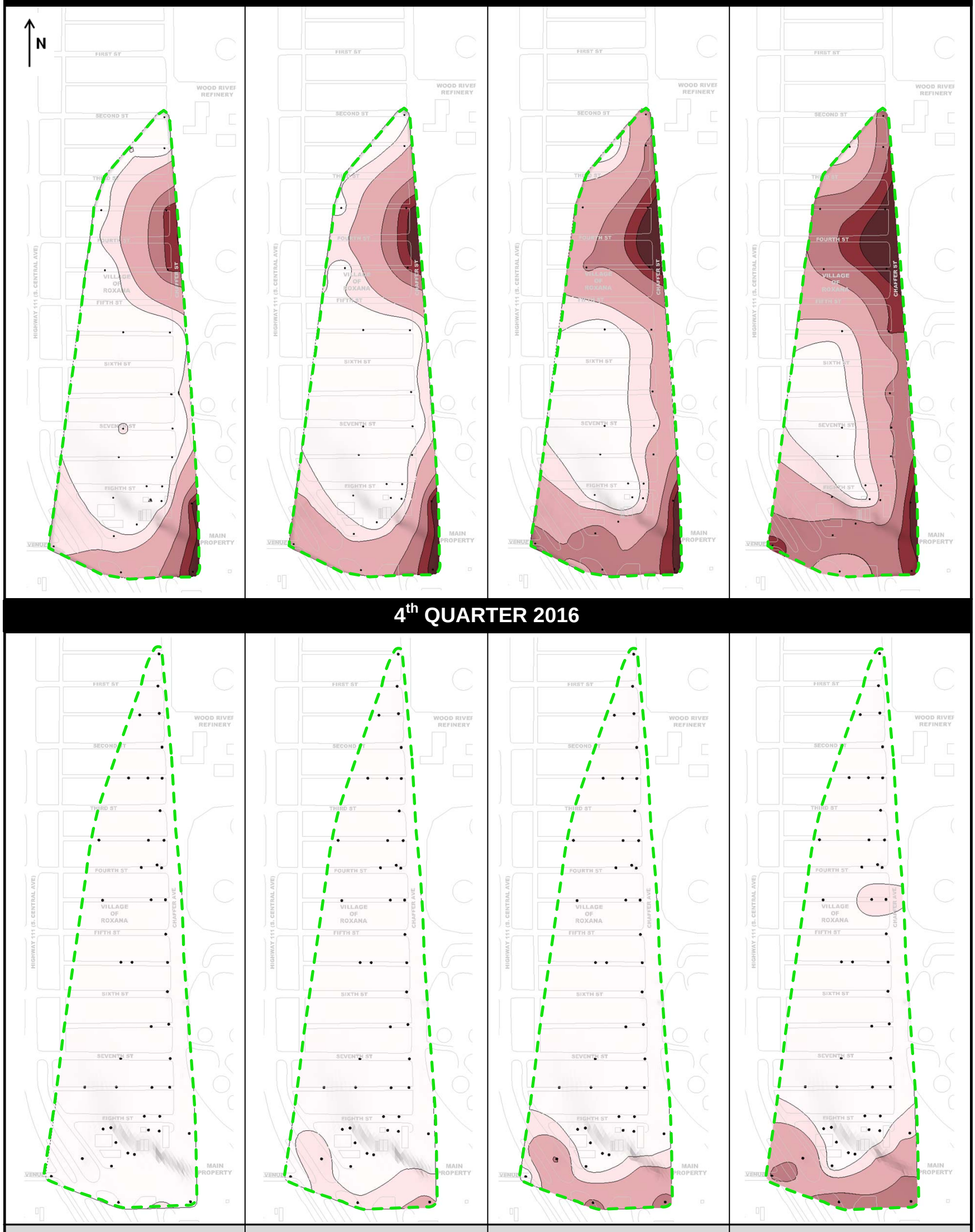
3.) THE LABORATORY ANALYSIS DATA INCLUDED IN THESE VISUALIZATIONS WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS.

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: atd	Benzene Concentration in Soil Gas Pre-SVE and 4th Quarter 2016 (5, 10, 20, 30 feet bgs)
	FIG. NO. 4-9

Methane Concentration in Soil Gas Pre-SVE and 4th Quarter 2016
(5, 10, 20, 30 feet bgs)

TIME

PRE- SVE SYSTEM (2Q11)



4th QUARTER 2016

5 FEET	10 FEET	20 FEET	30 FEET

- = Vapor Monitoring Point Location (VMP)
- = Extent of EVS Model

Methane Concentration (%)

0	0.001	0.01	1	10	30	51

NOTES:

1.) IMAGES ARE GENERATED USING CTECH ENVIRONMENTAL VISUALIZATION SOFTWARE (EVS). CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP LOCATIONS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF MEASURED DATA. SOME INTERPRETATION WAS COMPLETED UTILIZING PROFESSIONAL JUDGEMENT.

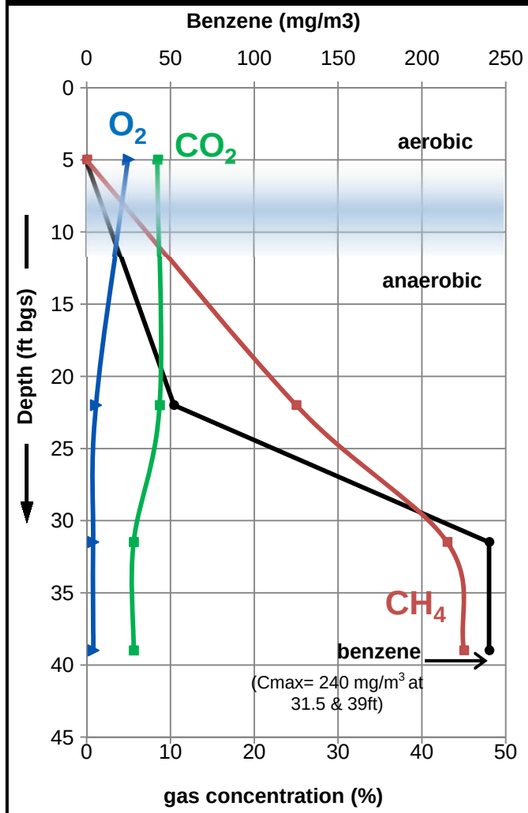
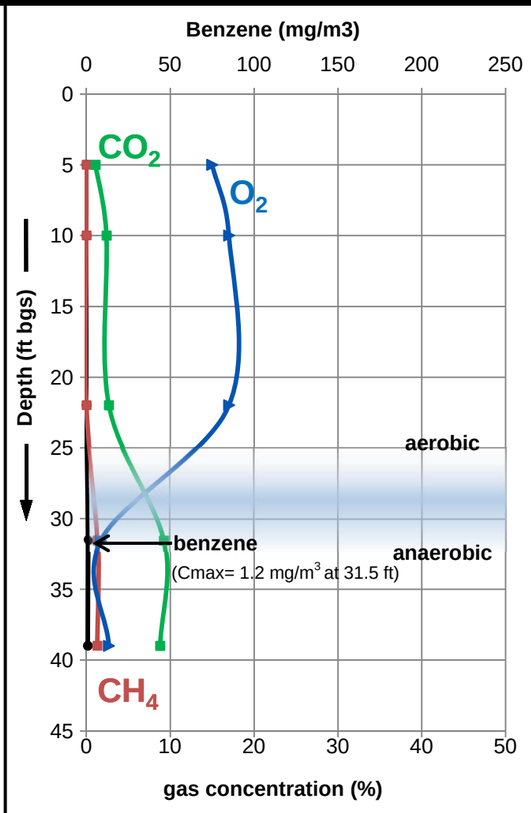
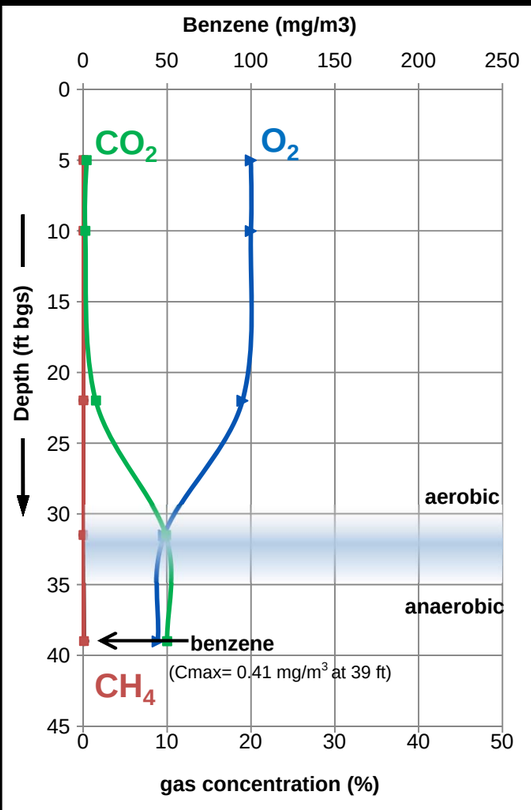
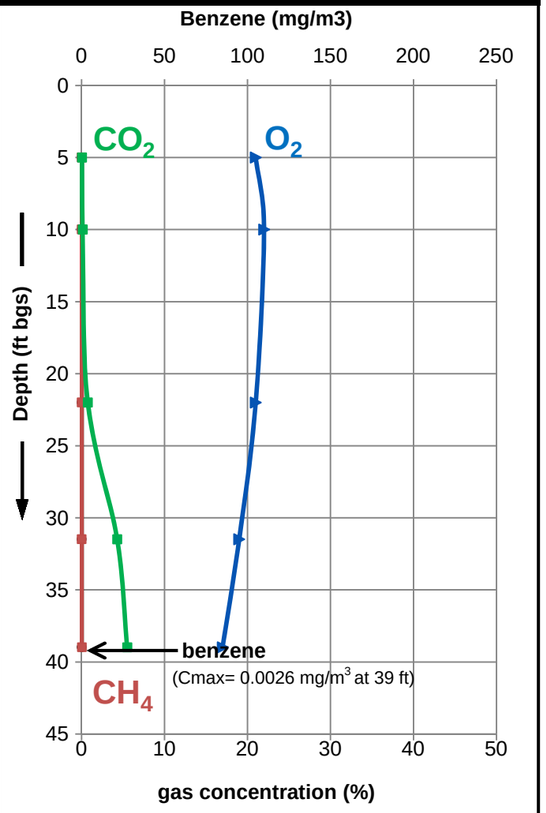
2.) INITIAL SYSTEM STARTUP OF THE WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

3.) THE LABORATORY ANALYSIS DATA INCLUDED IN THESE VISUALIZATIONS WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS.

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS		PROJECT NO. 60527968
AECOM		
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: atd	Methane Concentration in Soil Gas Pre-SVE and 4th Quarter 2016 (5, 10, 20, 30 feet bgs)	FIG. NO. 4-10

Soil Gas Profile Plots Over Time
VMP-3

Pre-SVE ----------> **After SVE Startup** ----------

November 2009	July 2013	October 2014	February 2016
			
• Intermediate and deep sources of impact • Elevated benzene and methane concentrations • Low oxygen, high carbon dioxide	• Intermediate zone remediated • Benzene and methane concentrations reduced • Oxygen replenished • Reaction zone deepening	• Reaction zone continues to deepen • Oxygen increasing at depth	• Deeper zone remediated • Oxygen replenished; conditions favorable for aerobic biodegradation

NOTES:

1.) INITIAL SYSTEM STARTUP OF WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

2.) DATA PRESENTED WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS. DATES PRESENTED WERE CHOSEN BASED ON THE AVAILABILITY OF DATA AND ARE REPRESENTATIVE OF THE CHANGE IN SOIL GAS COMPOSITION OVER TIME.

3.) THE ZONE ABOVE AN AREA CONTAMINATED BY A PETROLEUM RELEASE IS TYPICALLY AN AEROBIC ENVIRONMENT IN WHICH OXYGEN CAN BE READILY REPLENISHED FROM THE ATMOSPHERE (ITRC, 2014A). MEASURED TEMPORAL CHANGES IN SOIL GAS COMPOSITION SUGGEST BIODEGRADATION REACTION ZONE GETS DEEPER OVER TIME AS THE SVE SYSTEM REMOVES SOURCE CONTAMINATION.

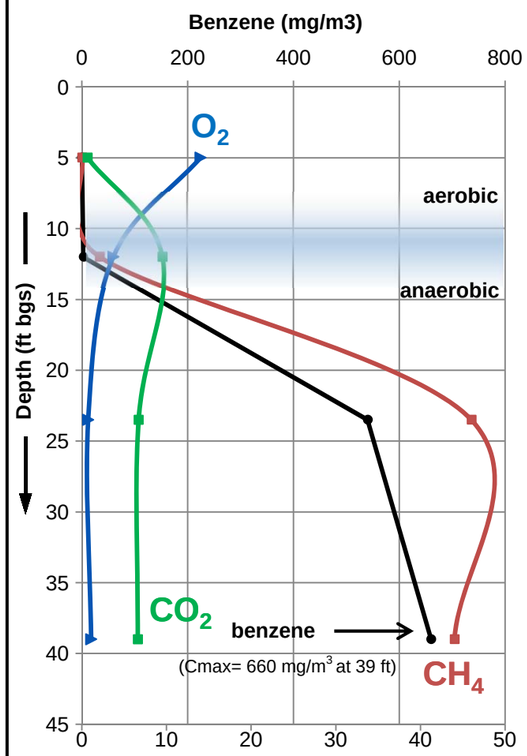
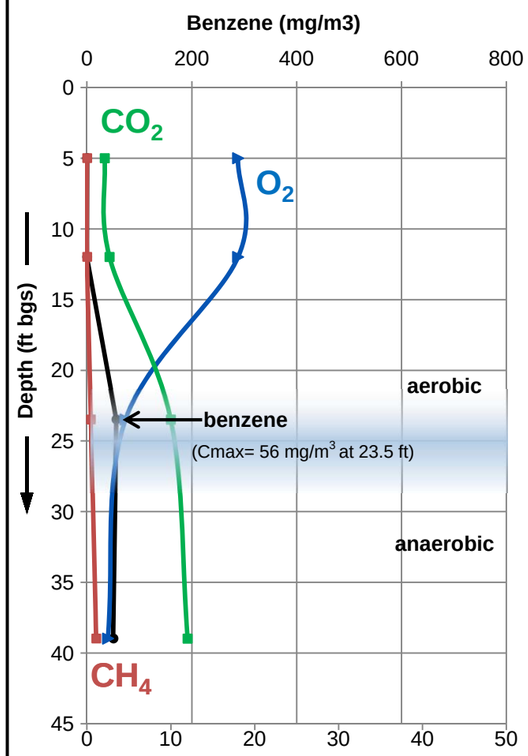
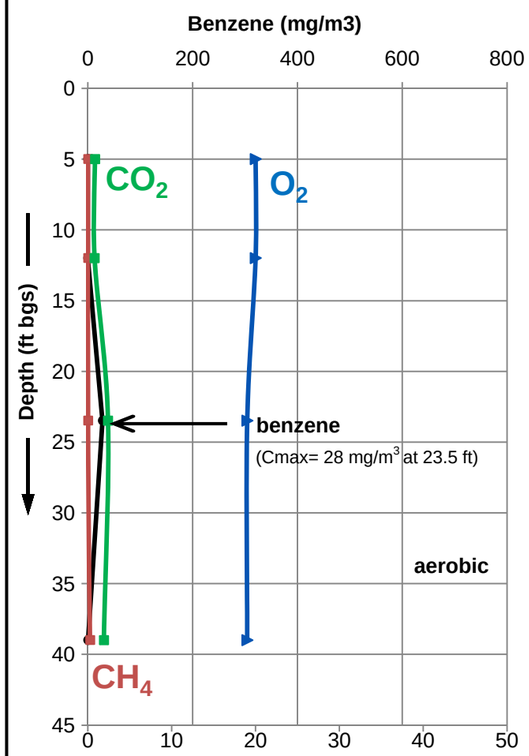
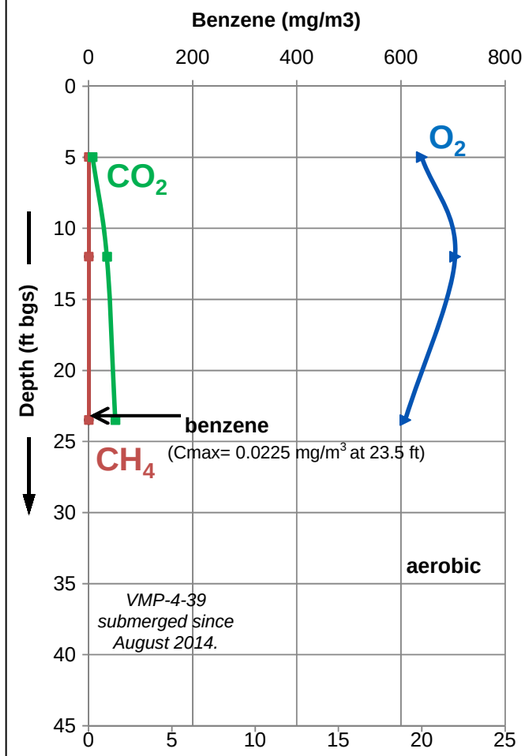
= Approximate representation of reaction zone

Cmax = Maximum benzene concentration at VMP (mg/m^3)

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS		PROJECT NO. 60527968
AECOM		
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: atd/ wp	Soil Gas Profile Plots Over Time VMP–3	FIG. NO. 4–11

Soil Gas Profile Plots Over Time
VMP-4

Pre-SVE ----------> **After SVE Startup** ----------

November 2009	July 2012	August 2014	October 2016
			
• Intermediate and deep sources of impact • Elevated benzene and methane concentrations • Low oxygen, high carbon dioxide	• Intermediate and deep sources of impact reduced • Benzene and methane concentrations reduced • Oxygen increasing at depth • Reaction zone deepening	• Intermediate and deep sources of impact reduced • Benzene and methane concentrations reduced • Oxygen replenished; conditions favorable for aerobic degradation	• Intermediate zone remediated • Benzene and methane concentrations reduced • Conditions favorable for aerobic biodegradation

NOTES:

1.) INITIAL SYSTEM STARTUP OF WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

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3.) THE ZONE ABOVE AN AREA CONTAMINATED BY A PETROLEUM RELEASE IS TYPICALLY AN AEROBIC ENVIRONMENT IN WHICH OXYGEN CAN BE READILY REPLENISHED FROM THE ATMOSPHERE (ITRC, 2014A). MEASURED TEMPORAL CHANGES IN SOIL GAS COMPOSITION SUGGEST BIODEGRADATION REACTION ZONE GETS DEEPER OVER TIME AS THE SVE SYSTEM REMOVES SOURCE CONTAMINATION.

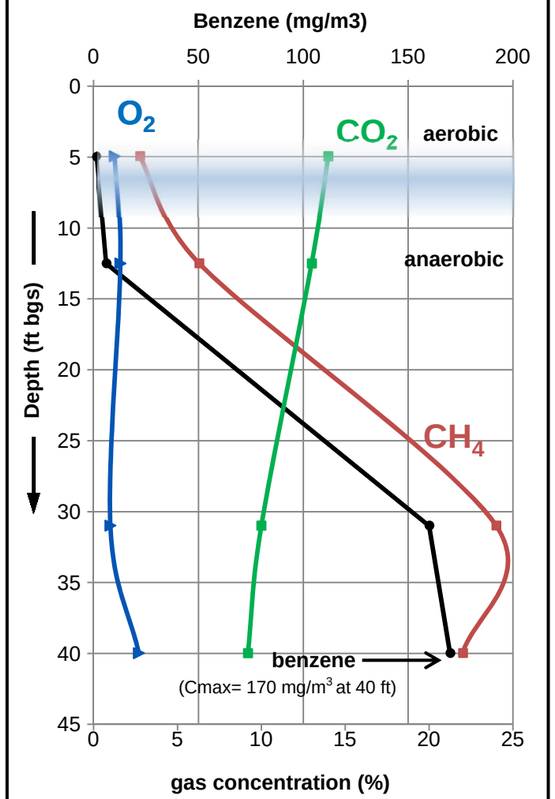
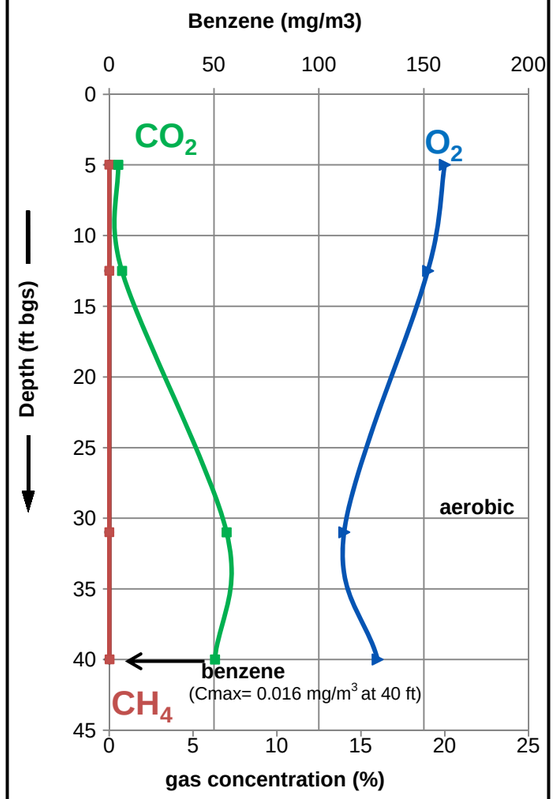
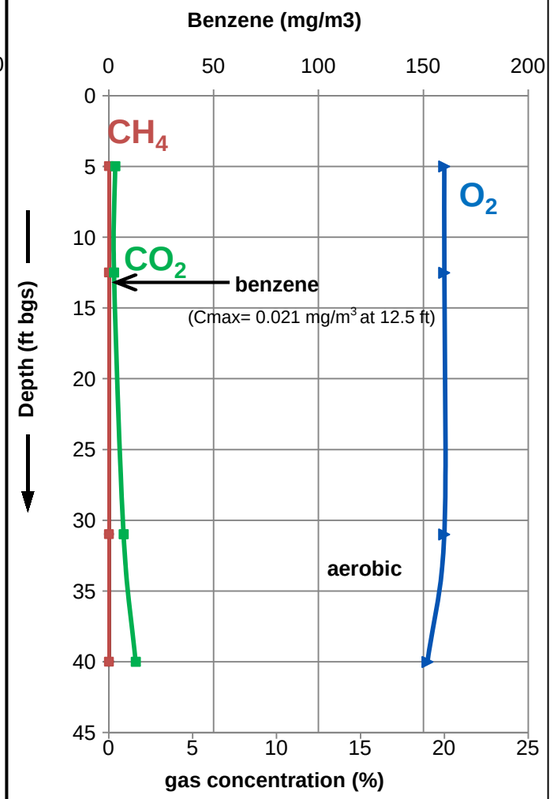
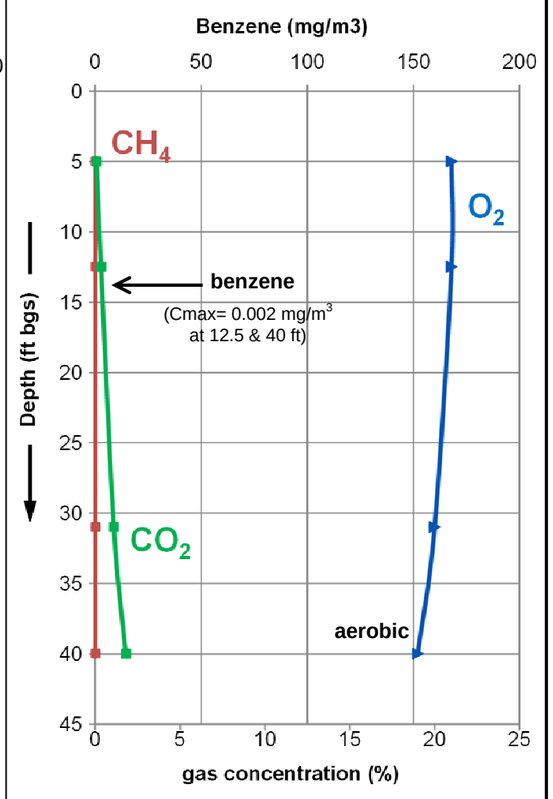
= Approximate representation of reaction zone

Cmax = Maximum benzene concentration at VMP (mg/m^3)

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS		PROJECT NO. 60527968
AECOM		
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: atd/wp	Soil Gas Profile Plots Over Time VMP–4	FIG. NO. 4–12

Soil Gas Profile Plots Over Time
VMP-5

Pre-SVE ----------> **After SVE Startup** ----------

November 2009	July 2012	July 2015	October 2016
			
• Intermediate and deep sources of impact • Elevated benzene and methane concentrations • Low oxygen, high carbon dioxide	• Intermediate and deep sources of impact remediated • Benzene and methane concentrations reduced • Oxygen increasing at depth	• Oxygen replenished; conditions favorable for aerobic biodegradation	• Conditions favorable for aerobic biodegradation

NOTES:

1.) INITIAL SYSTEM STARTUP OF WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

2.) DATA PRESENTED WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS. DATES PRESENTED WERE CHOSEN BASED ON THE AVAILABILITY OF DATA AND ARE REPRESENTATIVE OF THE CHANGE IN SOIL GAS COMPOSITION OVER TIME.

3.) THE ZONE ABOVE AN AREA CONTAMINATED BY A PETROLEUM RELEASE IS TYPICALLY AN AEROBIC ENVIRONMENT IN WHICH OXYGEN CAN BE READILY REPLENISHED FROM THE ATMOSPHERE (ITRC, 2014A). MEASURED TEMPORAL CHANGES IN SOIL GAS COMPOSITION SUGGEST BIODEGRADATION REACTION ZONE GETS DEEPER OVER TIME AS THE SVE SYSTEM REMOVES SOURCE CONTAMINATION.

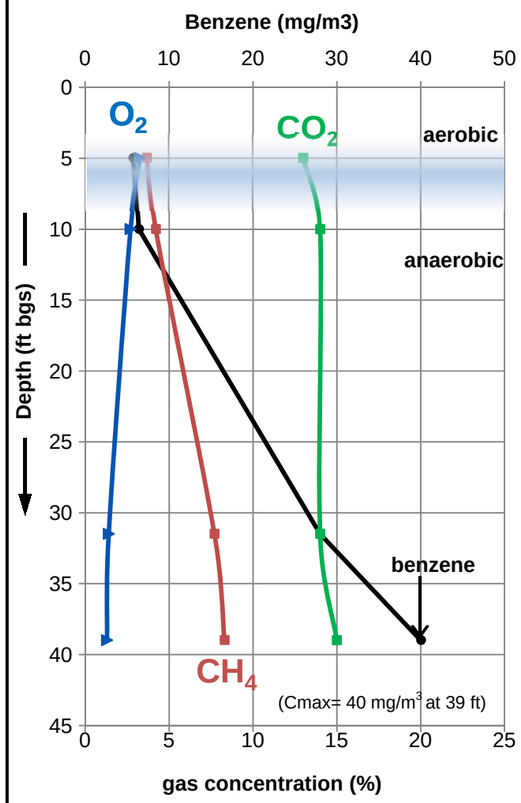
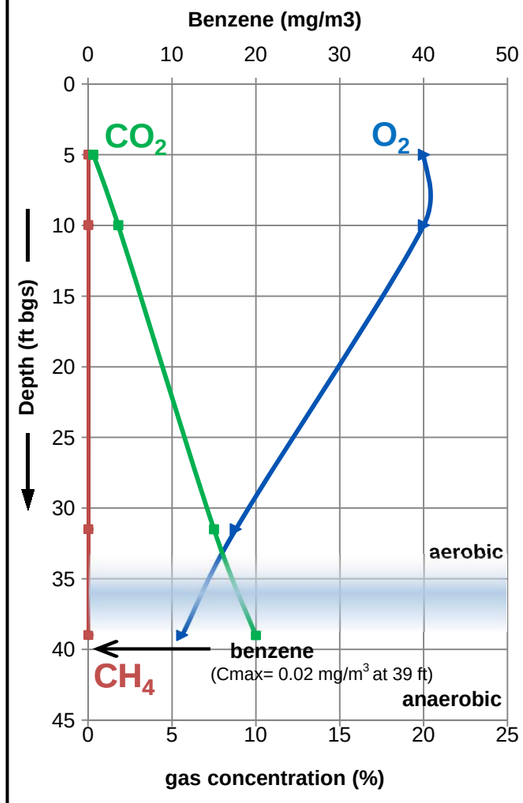
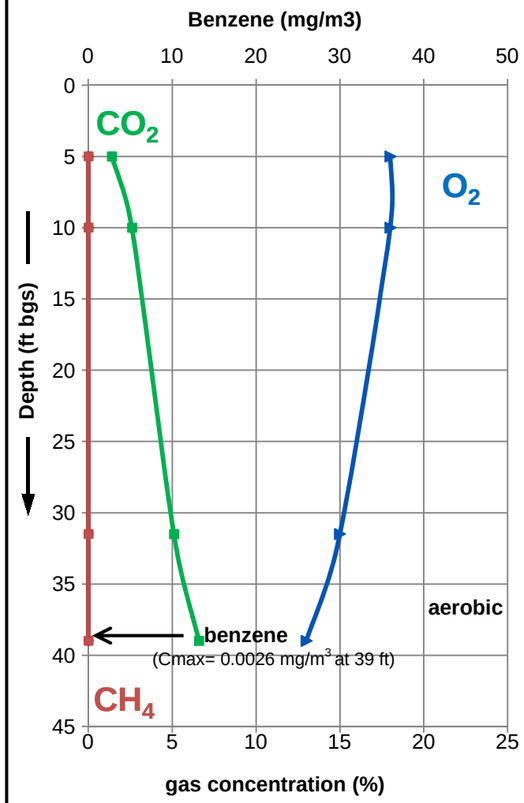
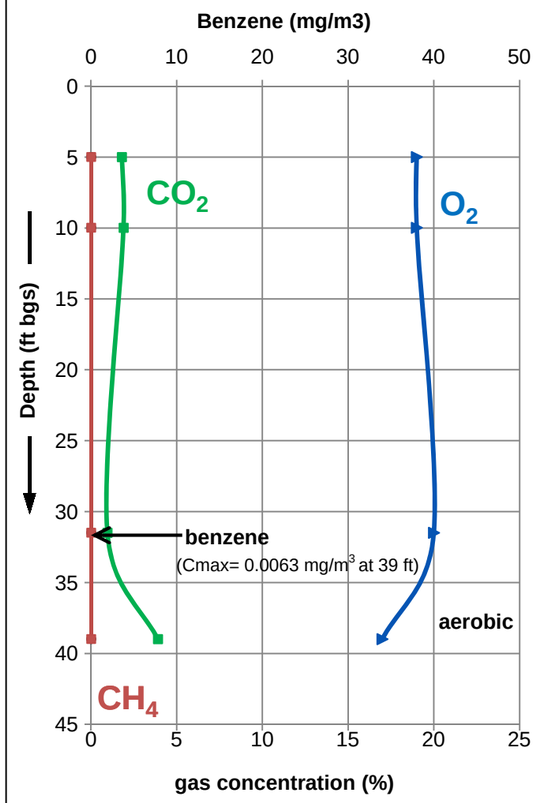
= Approximate representation of reaction zone

Cmax = Maximum benzene concentration at VMP (mg/m^3)

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS		PROJECT NO. 60527968
AECOM		
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: atd/wp	Soil Gas Profile Plots Over Time VMP-5	FIG. NO. 4-13

Soil Gas Profile Plots Over Time
VMP-6

Pre-SVE ----------> **After SVE Startup** ----------

November 2009	July 2012	August 2014	October 2016
			
• Intermediate and deep sources of impact • Elevated benzene and methane concentrations • Low oxygen, high carbon dioxide	• Intermediate and deep sources of impact reduced • Benzene and methane concentrations reduced • Oxygen increasing at depth • Reaction zone deepening	• Intermediate and deep sources of impact remediated • Benzene and methane concentrations reduced • Oxygen increasing at depth	• Conditions favorable for aerobic biodegradation

NOTES:

1.) INITIAL SYSTEM STARTUP OF WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

2.) DATA PRESENTED WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS. DATES PRESENTED WERE CHOSEN BASED ON THE AVAILABILITY OF DATA AND ARE REPRESENTATIVE OF THE CHANGE IN SOIL GAS COMPOSITION OVER TIME.

3.) THE ZONE ABOVE AN AREA CONTAMINATED BY A PETROLEUM RELEASE IS TYPICALLY AN AEROBIC ENVIRONMENT IN WHICH OXYGEN CAN BE READILY REPLENISHED FROM THE ATMOSPHERE (ITRC, 2014A). MEASURED TEMPORAL CHANGES IN SOIL GAS COMPOSITION SUGGEST BIODEGRADATION REACTION ZONE GETS DEEPER OVER TIME AS THE SVE SYSTEM REMOVES SOURCE CONTAMINATION.

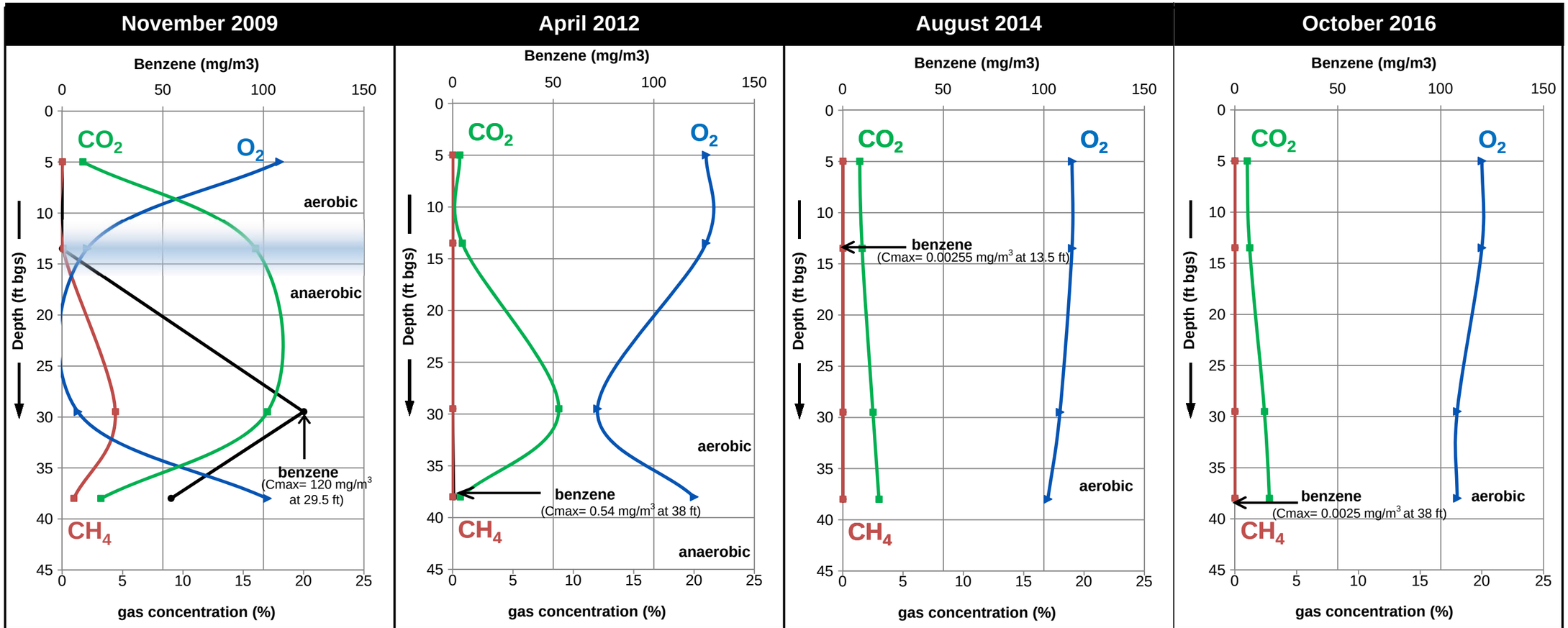
= Approximate representation of reaction zone

Cmax = Maximum benzene concentration at VMP (mg/m^3)

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS		PROJECT NO. 60527968
AECOM		
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: atd/wp	Soil Gas Profile Plots Over Time VMP–6	FIG. NO. 4–14

Soil Gas Profile Plots Over Time
VMP-7

Pre-SVE ----------> **After SVE Startup** ----------



November 2009	April 2012	August 2014	October 2016
• Intermediate and deep sources of impact • Elevated benzene and methane concentrations • Low oxygen, high carbon dioxide in intermediate zone	• Intermediate and deep sources of impact reduced • Benzene and methane concentrations reduced • Oxygen increasing at depth	• Intermediate and deep sources of impact remediated • Benzene and methane concentrations reduced • Oxygen replenished; conditions favorable for aerobic biodegradation	• Conditions favorable for aerobic biodegradation

NOTES:
1.) INITIAL SYSTEM STARTUP OF WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

2.) DATA PRESENTED WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS. DATES PRESENTED WERE CHOSEN BASED ON THE AVAILABILITY OF DATA AND ARE REPRESENTATIVE OF THE CHANGE IN SOIL GAS COMPOSITION OVER TIME.

3.) THE ZONE ABOVE AN AREA CONTAMINATED BY A PETROLEUM RELEASE IS TYPICALLY AN AEROBIC ENVIRONMENT IN WHICH OXYGEN CAN BE READILY REPLENISHED FROM THE ATMOSPHERE (ITRC, 2014A). MEASURED TEMPORAL CHANGES IN SOIL GAS COMPOSITION SUGGEST BIODEGRADATION REACTION ZONE GETS DEEPER OVER TIME AS THE SVE SYSTEM REMOVES SOURCE CONTAMINATION.

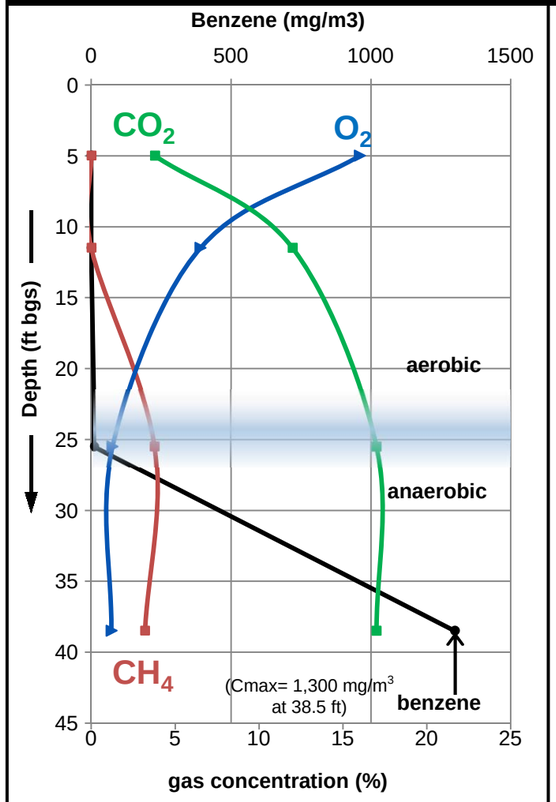
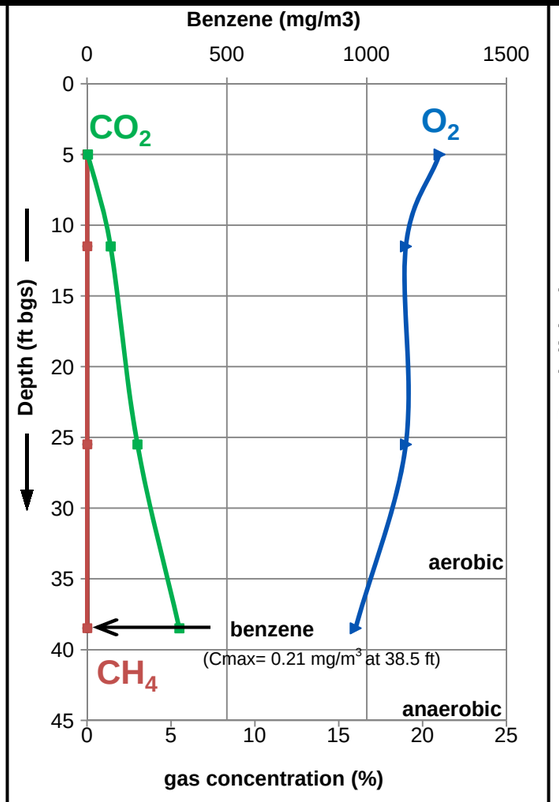
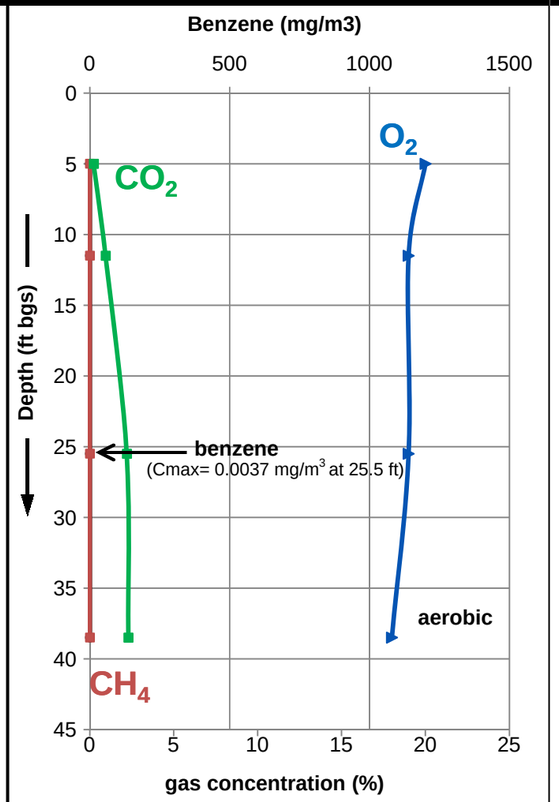
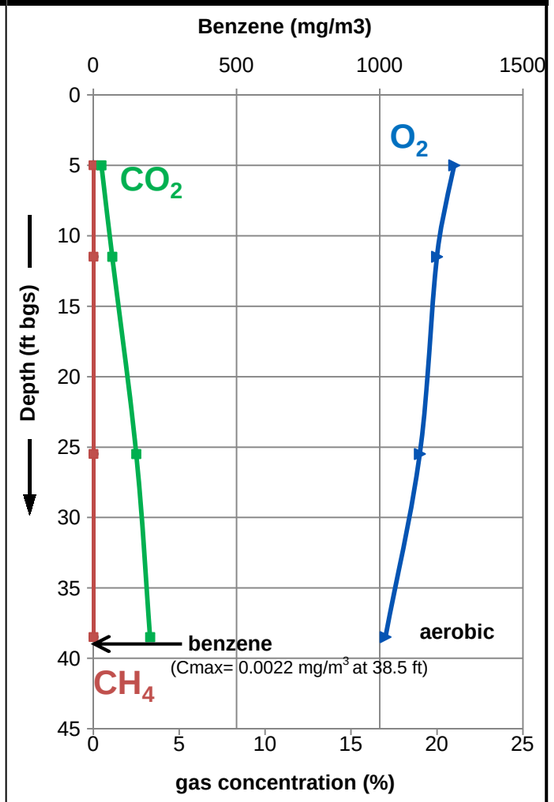
= Approximate representation of reaction zone

Cmax = Maximum benzene concentration at VMP (mg/m^3)

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS		PROJECT NO. 60527968
AECOM		
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: atd/wp	Soil Gas Profile Plots Over Time VMP-7	FIG. NO. 4-15

Soil Gas Profile Plots Over Time
VMP-9

Pre-SVE ----------> **After SVE Startup** ----------

November 2009	July 2012	August 2014	October 2016
			
• Intermediate and deep sources of impact • Elevated benzene and methane concentrations • Low oxygen, high carbon dioxide	• Intermediate and deep sources of impact reduced • Benzene and methane concentrations reduced • Oxygen increasing at depth	• Intermediate and deep sources of impact remediated • Oxygen replenished; conditions favorable for aerobic biodegradation	• Conditions favorable for aerobic biodegradation

NOTES:

1.) INITIAL SYSTEM STARTUP OF WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

2.) DATA PRESENTED WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS. DATES PRESENTED WERE CHOSEN BASED ON THE AVAILABILITY OF DATA AND ARE REPRESENTATIVE OF THE CHANGE IN SOIL GAS COMPOSITION OVER TIME.

3.) THE ZONE ABOVE AN AREA CONTAMINATED BY A PETROLEUM RELEASE IS TYPICALLY AN AEROBIC ENVIRONMENT IN WHICH OXYGEN CAN BE READILY REPLENISHED FROM THE ATMOSPHERE (ITRC, 2014A). MEASURED TEMPORAL CHANGES IN SOIL GAS COMPOSITION SUGGEST BIODEGRADATION REACTION ZONE GETS DEEPER OVER TIME AS THE SVE SYSTEM REMOVES SOURCE CONTAMINATION.

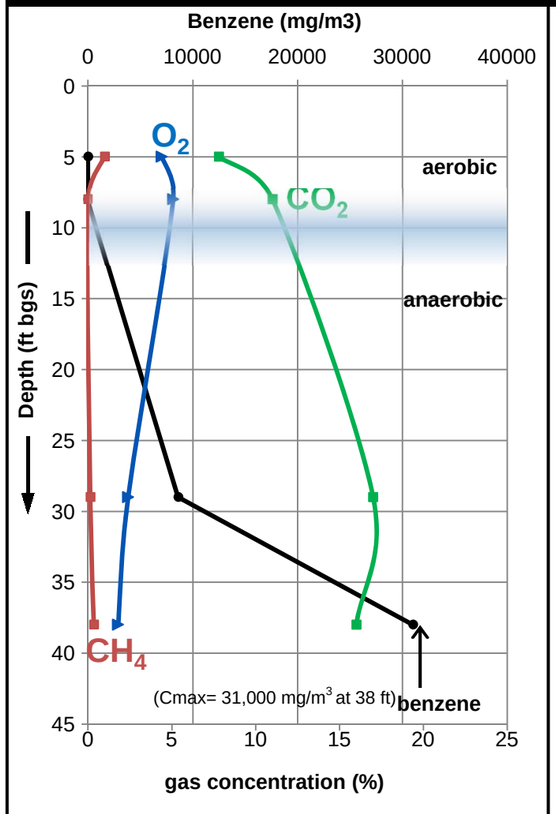
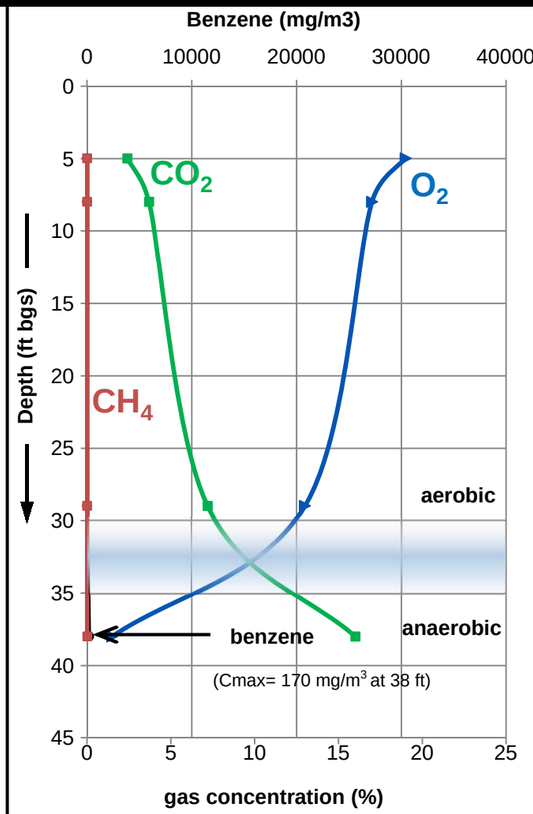
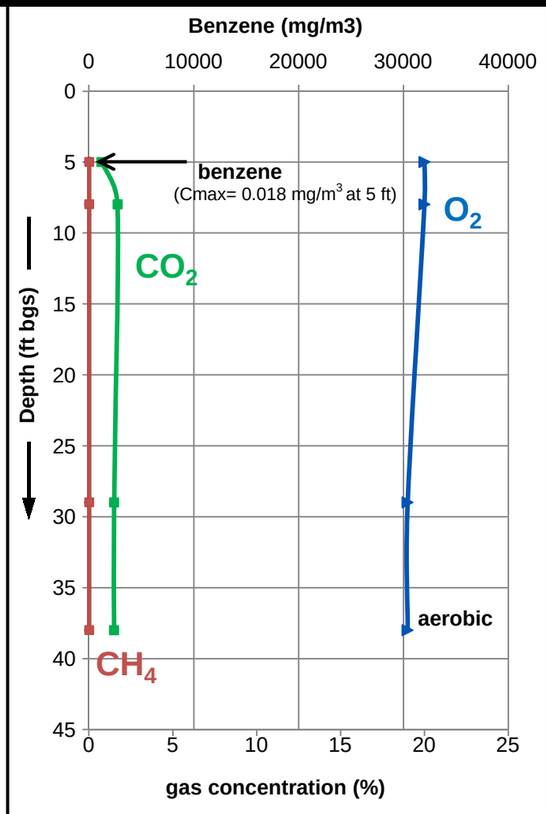
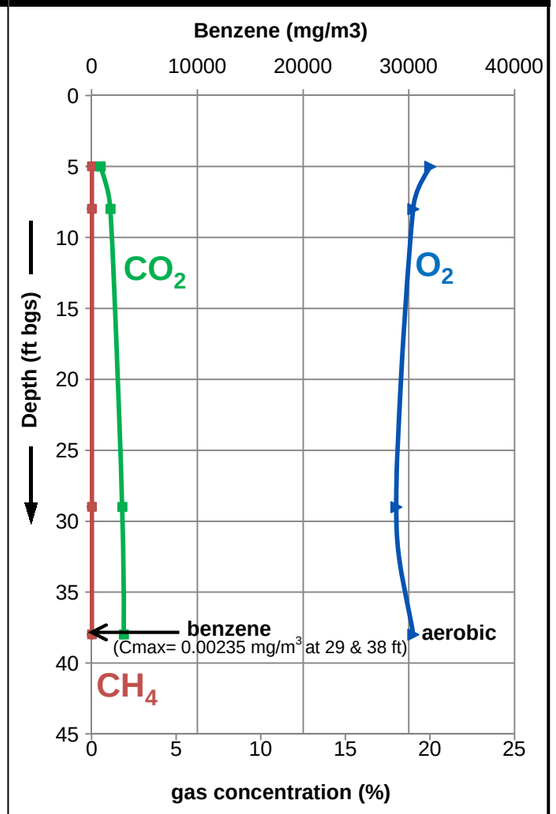
= Approximate representation of reaction zone

Cmax = Maximum benzene concentration at VMP (mg/m^3)

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS		PROJECT NO. 60527968
AECOM		
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: atd/wp	Soil Gas Profile Plots Over Time VMP-9	FIG. NO. 4-16

Soil Gas Profile Plots Over Time
VMP-11

Pre-SVE ----------> **After SVE Startup** ----------

November 2009	July 2012	July 2014	November 2016
			
• Intermediate and deep sources of impact • Elevated benzene concentrations • Low oxygen, high carbon dioxide	• Intermediate and deep sources of impact reduced • Benzene and methane concentrations reduced • Oxygen increasing at depth • Reaction zone deepening	• Intermediate and deep sources of impact remediated • Benzene and methane concentrations reduced • Oxygen replenished; conditions favorable for aerobic biodegradation	• Conditions favorable for aerobic biodegradation

NOTES:
1.) INITIAL SYSTEM STARTUP OF WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

2.) DATA PRESENTED WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS. DATES PRESENTED WERE CHOSEN BASED ON THE AVAILABILITY OF DATA AND ARE REPRESENTATIVE OF THE CHANGE IN SOIL GAS COMPOSITION OVER TIME.

3.) THE ZONE ABOVE AN AREA CONTAMINATED BY A PETROLEUM RELEASE IS TYPICALLY AN AEROBIC ENVIRONMENT IN WHICH OXYGEN CAN BE READILY REPLENISHED FROM THE ATMOSPHERE (ITRC, 2014A). MEASURED TEMPORAL CHANGES IN SOIL GAS COMPOSITION SUGGEST BIODEGRADATION REACTION ZONE GETS DEEPER OVER TIME AS THE SVE SYSTEM REMOVES SOURCE CONTAMINATION.

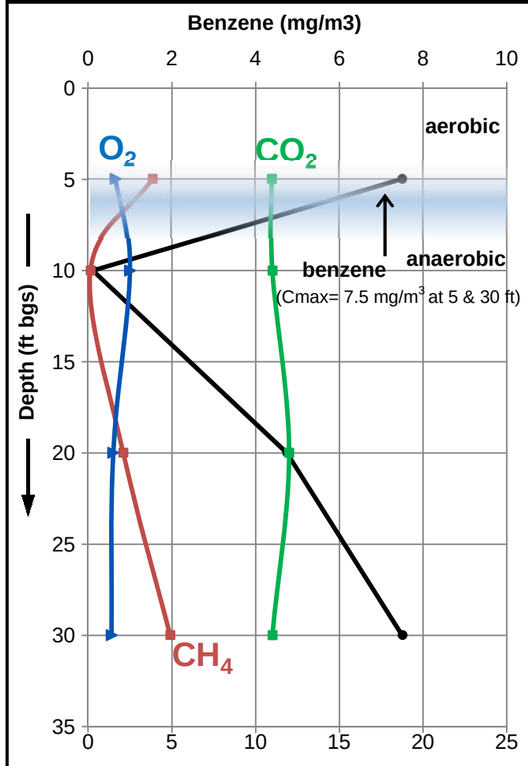
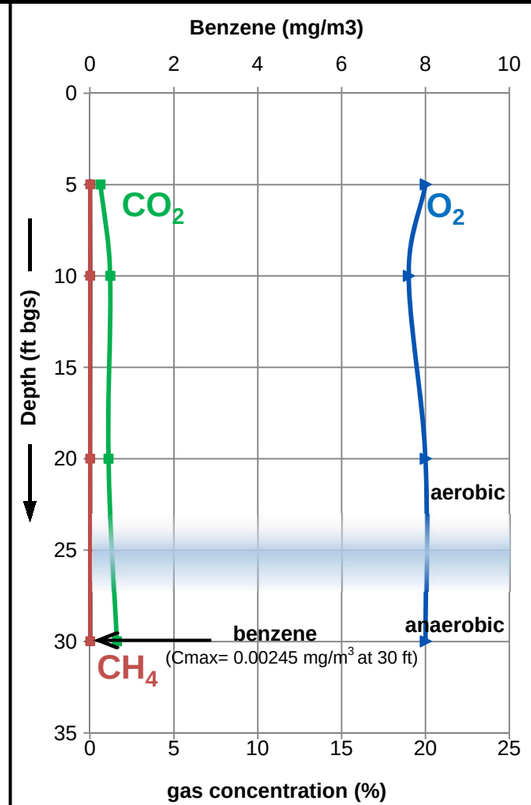
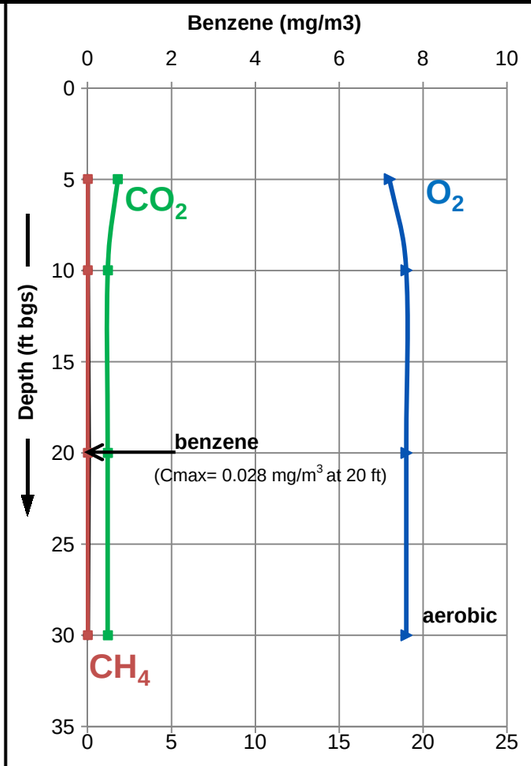
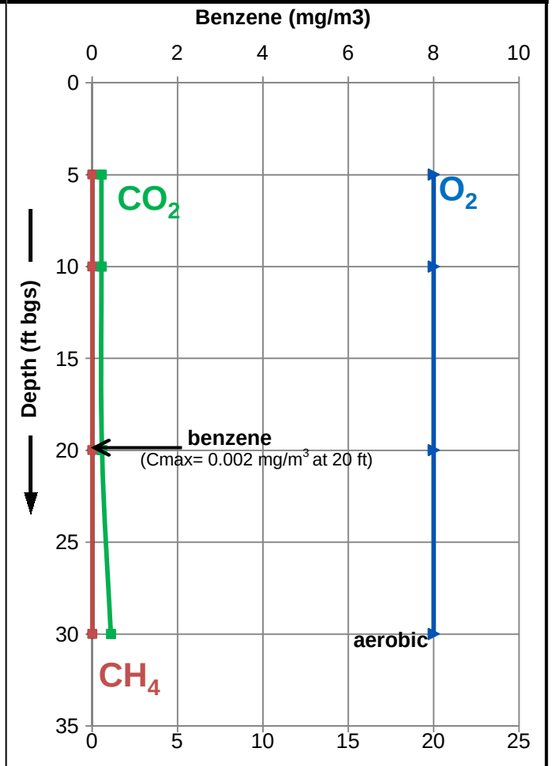
= Approximate representation of reaction zone

Cmax = Maximum benzene concentration at VMP (mg/m^3)

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS		PROJECT NO. 60527968
AECOM		
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: atd/wp	Soil Gas Profile Plots Over Time VMP-11	FIG. NO. 4-17

Soil Gas Profile Plots Over Time
VMP-47

After SVE Startup ----------->

January 2013	July/ September 2014	July 2015	October 2016
			
• Shallow and deep sources of impact • Elevated benzene and methane concentrations • Low oxygen, high carbon dioxide	• Shallow and deep sources of impact remediated • Benzene and methane concentrations reduced • Oxygen replenished; conditions favorable for aerobic biodegradation	• Conditions favorable for aerobic biodegradation	• Conditions favorable for aerobic biodegradation

NOTES:

1.) INITIAL SYSTEM STARTUP OF WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

2.) DATA PRESENTED WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS. DATES PRESENTED WERE CHOSEN BASED ON THE AVAILABILITY OF DATA AND ARE REPRESENTATIVE OF THE CHANGE IN SOIL GAS COMPOSITION OVER TIME.

3.) THE ZONE ABOVE AN AREA CONTAMINATED BY A PETROLEUM RELEASE IS TYPICALLY AN AEROBIC ENVIRONMENT IN WHICH OXYGEN CAN BE READILY REPLENISHED FROM THE ATMOSPHERE (ITRC, 2014A). MEASURED TEMPORAL CHANGES IN SOIL GAS COMPOSITION SUGGEST BIODEGRADATION REACTION ZONE GETS DEEPER OVER TIME AS THE SVE SYSTEM REMOVES SOURCE CONTAMINATION.

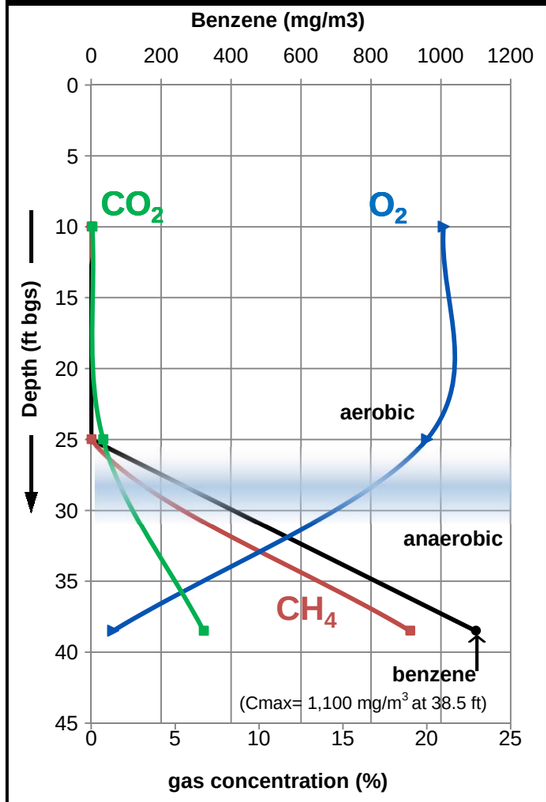
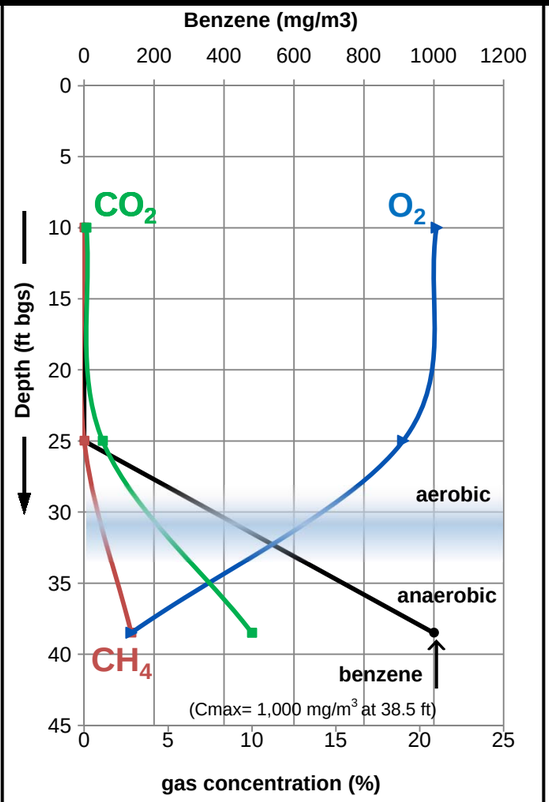
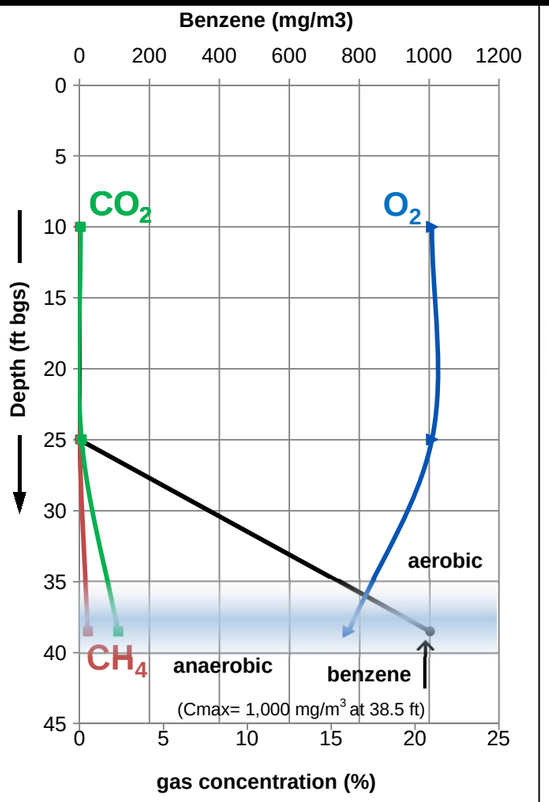
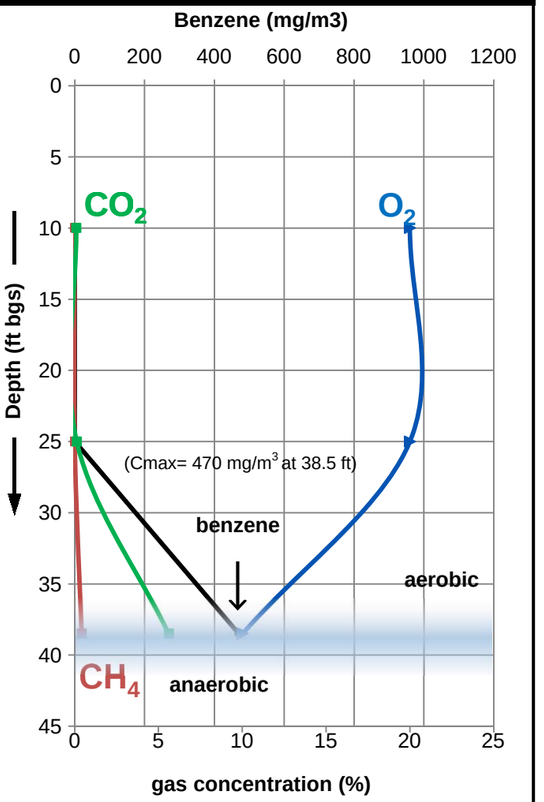
= Approximate representation of reaction zone

Cmax = Maximum benzene concentration at VMP (mg/m^3)

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS		PROJECT NO. 60527968
AECOM		
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: atd/wp	Soil Gas Profile Plots Over Time VMP-47	FIG. NO. 4-18

Soil Gas Profile Plots Over Time
VMP-56

After SVE Startup ----------->

May 2014	August 2014	February 2015	February 2016
			
• Deep source of impact • Elevated benzene and methane concentrations at depth • Low oxygen, high carbon dioxide	• Deep source of impact reduced • Benzene and methane concentrations reduced	• Methane concentrations reduced • Oxygen increasing at depth • Reaction zone deepening	• Benzene and methane concentrations reduced • Reaction zone deepening • Conditions in shallow and intermediate zones favorable for aerobic biodegradation

NOTES:
1.) INITIAL SYSTEM STARTUP OF WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

2.) DATA PRESENTED WERE COLLECTED DURING QUARTERLY SOIL VAPOR MONITORING EVENTS. DATES PRESENTED WERE CHOSEN BASED ON THE AVAILABILITY OF DATA AND ARE REPRESENTATIVE OF THE CHANGE IN SOIL GAS COMPOSITION OVER TIME.

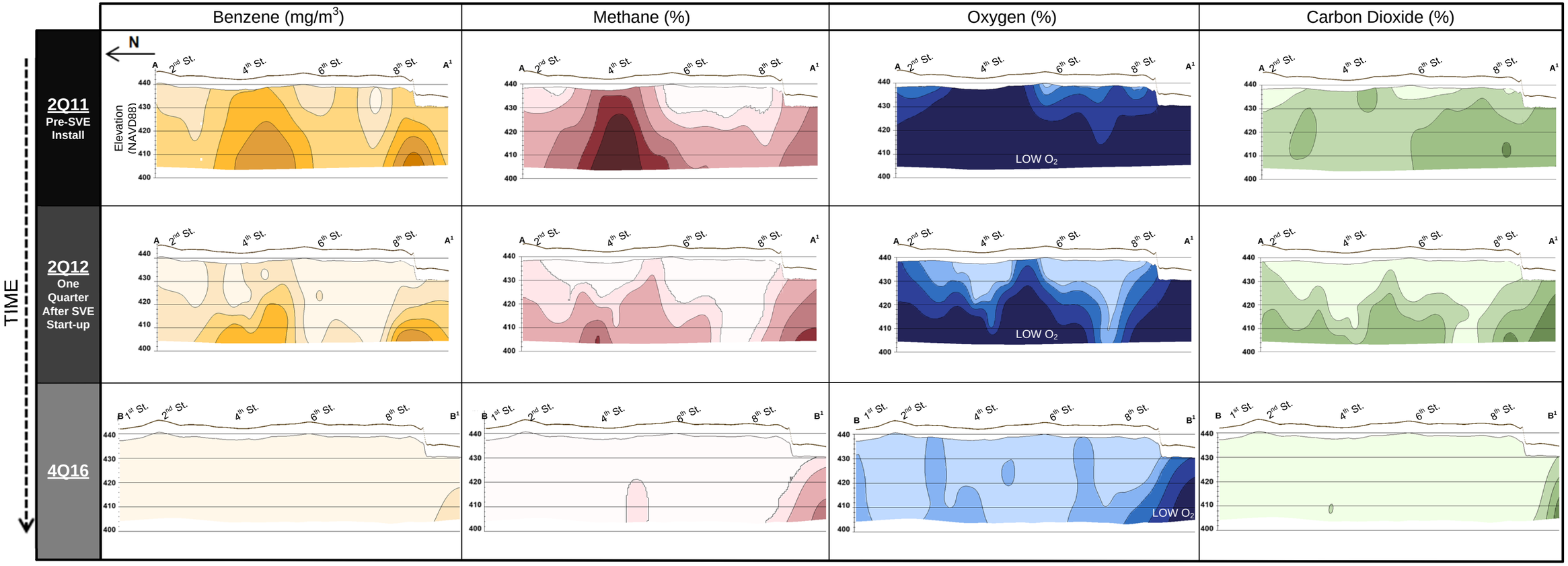
3.) THE ZONE ABOVE AN AREA CONTAMINATED BY A PETROLEUM RELEASE IS TYPICALLY AN AEROBIC ENVIRONMENT IN WHICH OXYGEN CAN BE READILY REPLENISHED FROM THE ATMOSPHERE (ITRC, 2014A). MEASURED TEMPORAL CHANGES IN SOIL GAS COMPOSITION SUGGEST BIODEGRADATION REACTION ZONE GETS DEEPER OVER TIME AS THE SVE SYSTEM REMOVES SOURCE CONTAMINATION.

= Approximate representation of reaction zone

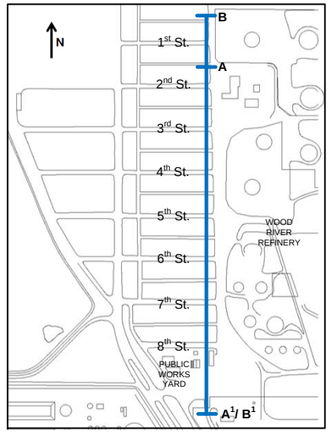
Cmax = Maximum benzene concentration at VMP (mg/m^3)

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: atd/wp	Soil Gas Profile Plots Over Time VMP–56
	FIG. NO. 4–19

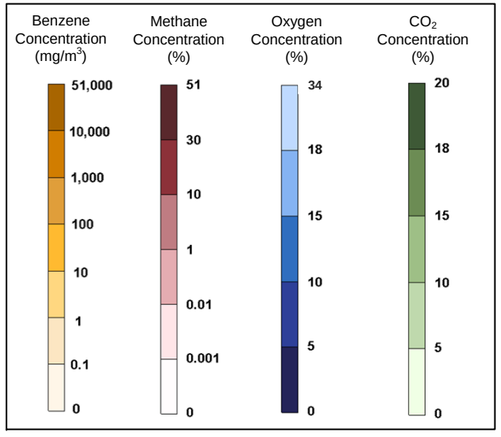
Temporal Changes in Soil Gas Composition: N-S Cross Sections
(2Q11, 2Q12, 4Q16)



Cross Section Location



Legend



NOTES:

1.) IMAGES ARE GENERATED USING CTECH ENVIRONMENTAL VISUALIZATION SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF MEASURED DATA.

2.) VERTICAL EXAGGERATION = 20x

3.) BOTTOM OF IMAGE REPRESENTS APPROXIMATE GROUNDWATER SURFACE.

4.) INITIAL SYSTEM STARTUP OF WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

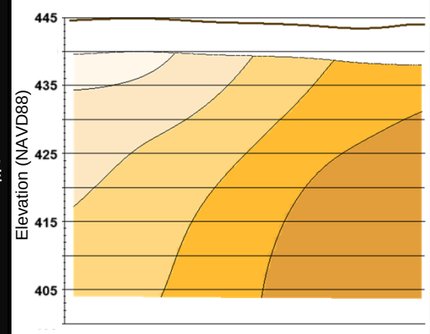
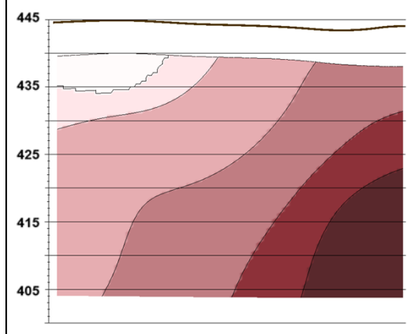
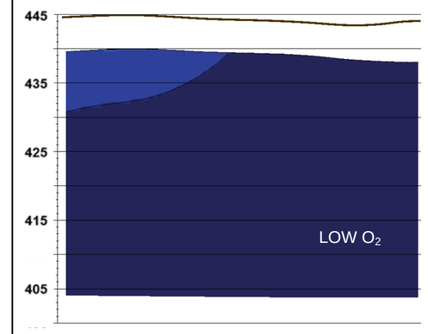
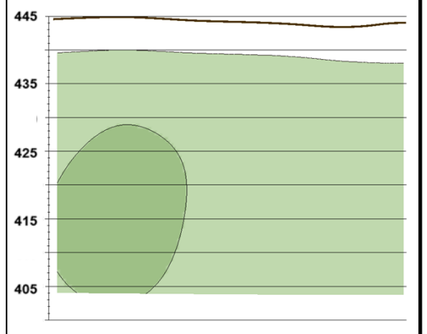
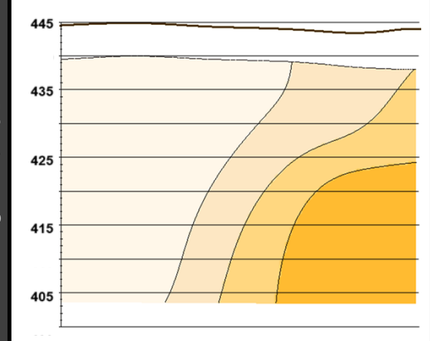
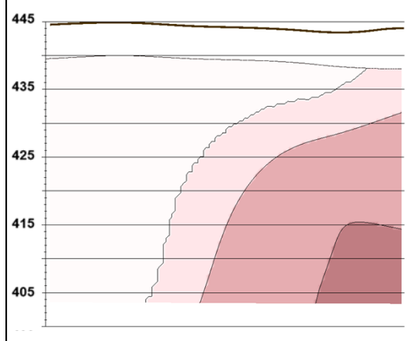
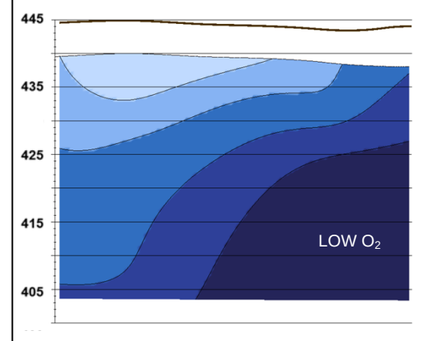
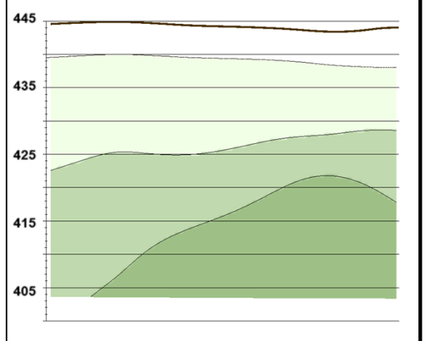
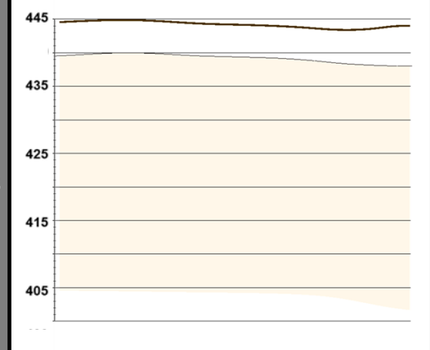
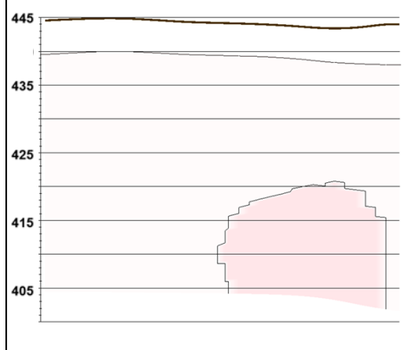
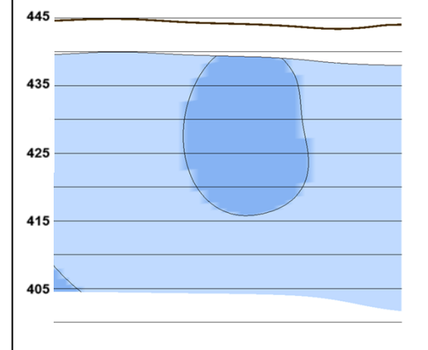
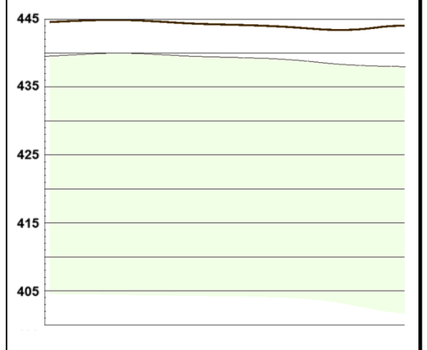
5.) MEASURED TEMPORAL CHANGES IN SOIL GAS COMPOSITION SUGGEST BIODEGRADATION REACTION ZONE GETS DEEPER OVER TIME AS SOIL VAPOR EXTRACTION SYSTEM REMOVES SOURCE CONTAMINATION.

6.) NOT TO SCALE.

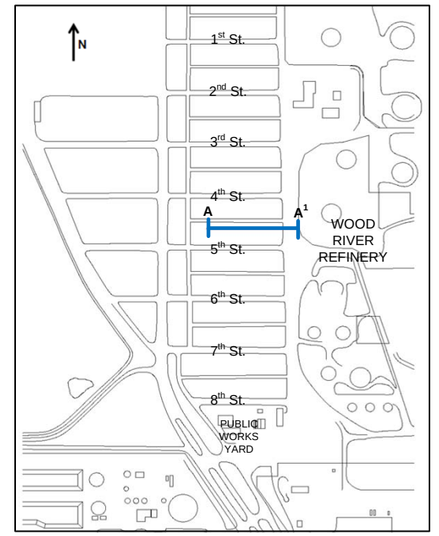
EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: wp	Temporal Changes in Soil Gas Composition (N-S Cross Sections)
	FIG. NO. 4-20

Temporal Changes in Soil Gas Composition: W-E Cross Sections
(2Q11, 2Q12, 4Q16)

TIME ↓

	Benzene (mg/m^3)	Methane (%)	Oxygen (%)	Carbon Dioxide (%)
	A — EAST → A^1	A — EAST → A^1	A — EAST → A^1	A — EAST → A^1
2Q11 Pre-SVE Install				
2Q12 One Quarter After SVE Start-up				
4Q16				

Cross Section Location



Legend

NOTES:

1.) IMAGES ARE GENERATED USING CTECH ENVIRONMENTAL VISUALIZATION SOFTWARE. CONCENTRATIONS BETWEEN KNOWN DATA POINTS (E.G. VMP WELLS) ARE INTERPOLATIONS AND EXTRAPOLATIONS OF MEASURED DATA.

2.) VERTICAL EXAGGERATION = 10x

3.) BOTTOM OF IMAGES REPRESENT APPROXIMATE GROUNDWATER SURFACE.

4.) INITIAL SYSTEM STARTUP OF WEST FENCELINE PORTION OF THE SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS JANUARY 31, 2012. THE PUBLIC WORKS PORTION OF THE SVE SYSTEM WAS STARTED ON DECEMBER 6, 2012.

5.) MEASURED TEMPORAL CHANGES IN SOIL GAS COMPOSITION SUGGEST BIODEGRADATION REACTION ZONE GETS DEEPER OVER TIME AS SOIL VAPOR EXTRACTION SYSTEM REMOVES SOURCE CONTAMINATION.

6.) NOT TO SCALE.

EQUILON ENTERPRISES LLC dba SHELL OIL PRODUCTS US TACO TIER 3 DEMONSTRATION ROXANA, ILLINOIS	PROJECT NO. 60527968
AECOM	
DRN. BY: cem Feb. 2017 DSGN. BY: cem CHKD. BY: wp	Temporal Changes in Soil Gas Composition (W-E Cross Sections)
	FIG. NO. 4-21

Tables.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 2-1
SITE UTILITY SUMMARY

Company/Operator	Underground Line	Location	Approximate Depth	Contents
Ameren	2" Natural Gas Service Lines	East-West Trending Alleys Between 1st and 8th Streets	3-4 feet bgs	Natural Gas
Ameren	8" Natural Gas Main	North-South Trending Alley East of Rte. 111	3-4 feet bgs	Natural Gas
Buckeye	6" Petroleum Transmission Line	8th Street Trending in an East-West Direction	4-6 feet bgs	Refined Petroleum (varies)
Marathon (formerly Ohio Oil Co.)	10" Petroleum Transmission Line	8th Street Trending in an East-West Direction	Unknown	Crude
Phillips 66	8" Petroleum Transmission Line	Exits WRR near Second Street and Chaffer Avenue Trends West Beneath 2nd Street then Turns to the North	Unknown	Refined Petroleum (varies)
Phillips 66	14" Petroleum Transmission Line	Exits WRR near Second Street and Chaffer Avenue; Trends West Beneath 2nd Street then Turns to the North	Unknown	Refined Petroleum (varies)
Phillips 66	36" Wastewater Sewer	Exits WRR Near Southern Boundary of the Village of Roxana Public Works Yard; Crosses Rte 111 at the Intersection of Rand Avenue; Trends West Beneath the Northern Edge/Shoulder of Rand Avenue	16 feet bgs	Wastewater
Phillips 66	6" Benzene Line (Inactive)	Exits WRR Near Southern Boundary of the Village of Roxana Public Works Yard; Crosses Illinois Route 111 at the Intersection of Rand Avenue; Trends West Beneath the Northern Edge/Shoulder of Rand Avenue for a Short Distance and then Becomes Located Above Ground and Continues West Adjacent to Rand Avenue	3-4 feet bgs	Not In Service (Benzene While Active)

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 2-1
SITE UTILITY SUMMARY

Company/Operator	Underground Line	Location	Approximate Depth	Contents
Phillips 66	6" Petroleum Transmission Line	Exits WRR Near Southern Boundary of the Village of Roxana Public Works Yard; Crosses Illinois Route 111 at the Intersection of Rand Avenue; Trends West Beneath the Northern Edge/Shoulder of Rand Avenue for a Short Distance and then Becomes Located Above Ground and Continues West Adjacent to Rand Avenue	3-4 feet bgs	Refined Petroleum
Phillips 66	8" Nitrogen Line	Exits WRR Near Southern Boundary of the Village of Roxana Public Works Yard; Crosses Illinois Route 111 at the Intersection of Rand Avenue; Trends West Beneath the Northern Edge/Shoulder of Rand Avenue for a Short Distance and then Becomes Located Above Ground and Continues West Adjacent to Rand Avenue	3-4 feet bgs	Nitrogen
Phillips 66	16" Raw Water Line	Exits WRR Near Southern Boundary of the Village of Roxana Public Works Yard; Crosses Illinois Route 111 at the Intersection of Rand Avenue; Trends West Beneath the Northern Edge/Shoulder of Rand Avenue	3-4 feet bgs	Raw Water

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 2-1
SITE UTILITY SUMMARY

Company/Operator	Underground Line	Location	Approximate Depth	Contents
Phillips 66	10" Petroleum Transmission Line	Exits WRR Near Southern Boundary of the Village of Roxana Public Works Yard; Crosses Illinois Route 111 at the Intersection of Rand Avenue; Trends West Beneath the Northern Edge/Shoulder of Rand Avenue for a Short Distance and then Become Located Above Ground and Continues West Adjacent to Rand Avenue	3-4 feet bgs	Refined Gasoline
Phillips 66	12" Residue Line (Inactive)	Exits WRR Near Southern Boundary of the Village of Roxana Public Works Yard; Crosses Illinois Route 111 at the Intersection of Rand Avenue; Trends West Beneath the Northern Edge/Shoulder of Rand Avenue for a Short Distance and then Becomes Located Above Ground and Continues West Adjacent to Rand Avenue	3-4 feet bgs	Not In Service (Petroleum Residuals While Active)
Phillips 66	8" Distillate Line	Exits WRR Near Southern Boundary of the Village of Roxana Public Works Yard; Crosses Illinois Route 111 at the Intersection of Rand Avenue; Trends West Beneath the Northern Edge/Shoulder of Rand Avenue for a Short Distance and then Becomes Located Above Ground and Continues West Adjacent to Rand Avenue.	3-4 feet bgs	Distillate

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 2-1
SITE UTILITY SUMMARY

Company/Operator	Underground Line	Location	Approximate Depth	Contents
Phillips 66	8" Distillate Line	Exits WRR Near Southern Boundary of the Village of Roxana Public Works Yard; Crosses Illinois Route 111 at the Intersection of Rand Avenue; Trends West Beneath the Northern Edge/Shoulder of Rand Avenue for a Short Distance and then Become Located Above Ground and Continues West Adjacent to Rand Avenue.	3-4 feet bgs	Distillate
Phillips 66	8" Petroleum Transmission Line	Exits WRR Near Southern Boundary of the Village of Roxana Public Works Yard; Crosses Illinois Route 111 at the Intersection of Rand Avenue; Trends West Beneath the Northern Edge/Shoulder of Rand Avenue for a Short Distance and then Become Located Above Ground and Continues West Adjacent to Rand Avenue	3-4 feet bgs	Gasoline
Phillips 66	8" Petroleum Transmission Line	Exits WRR Near Southern Boundary of the Village of Roxana Public Works Yard; Crosses Illinois Route 111 at the Intersection of Rand Avenue; Trends West Beneath the Northern Edge/Shoulder of Rand Avenue for a Short Distance and then Becomes Located Above Ground and Continues West Adjacent to Rand Avenue	3-4 feet bgs	Black Oil
Village of Roxana	8" Sewer Service Lines	East-West Trending Alleys Between 1st and 8th Streets	6-8 feet bgs	Sanitary Waste Water
Village of Roxana	8" Sewer Force Main	Chaffer Avenue Trending in a North South Direction	6-8 feet bgs	Sanitary Waste Water
Village of Roxana	8" Sewer Force Main	8th Street Trending in an East-West Direction	6-8 feet bgs	Sanitary Waste Water
Village of Roxana	1" Water Service Lines	In Numbered Streets from Water Supply Line in Streets to Residences	3 -4 feet bgs	Potable Water

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 2-1
SITE UTILITY SUMMARY

Company/Operator	Underground Line	Location	Approximate Depth	Contents
Village of Roxana	2" Water Service Laterals	East -West Trending Numbered Streets	3-4 feet bgs	Potable Water
Village of Roxana	8-10" Water Main	Chaffer Avenue Trending in a North-South Direction	8-10 feet bgs	Potable Water
Village of Roxana	8-10" Water Main	8th Street Trending in an East-West Direction	8-10 feet bgs	Potable Water

Notes:

1. Underground utility and pipeline locations and depths are approximate and should not be used for pre-excavation clearance.

2. Locations stated above are based on the Illinois One-Call (JULIE), discussions with Village of Roxana Public Works staff, Ground Penetrating Radar (GPR) surveys performed by a private locating firm, observations made in air excavation holes completed prior to conducting intrusive activities (drilling, excavation, etc.), and/or review of historic WRR piping figures and drawings.

TABLE 3-1
SUMMARY OF VMP SCREEN DEPTHS

Location	Yellow 1st Interval	White 10 foot Depth	Blue 2nd Interval	Green 3rd Interval	Red 4th Interval	Notes:
VMP-1	5		8.5	23.5	38.5	Village of Roxana - 1st Street
VMP-2	5		8.5	22	42	Village of Roxana - Alley Between 3rd and 4th Street
VMP-3	5	10	22	31.5	39	Village of Roxana - Alley Between 2nd and 3rd Street
VMP-4	5		12	23.5	39	Village of Roxana - Alley Between 4th and 5th Street
VMP-5	5		12.5	31	40	Village of Roxana - Alley Between 5th and 6th Street
VMP-6	5		10	31.5	39	Village of Roxana - Alley Between 6th and 7th Street
VMP-7	5		13.5	29.5	38	Village of Roxana - 7th Street
VMP-8	5		9.5	23.5	35.5	Village of Roxana - Alley Between 7th and 8th Street
VMP-9	5		11.5	25.5	38.5	Village of Roxana - Alley Between 7th and 8th Street
VMP-10	5		10	20	30	Public Works Yard
VMP-11	5		8	29	38	Public Works Yard
VMP-12	5		11.5	25	39	WRR- North Property
VMP-13	5		10.5	21.5	29.5	Public Works Yard
VMP-14	5		11.5	20	29	Public Works Yard
VMP-15	5		21.5	25.5	29	Village of Roxana - SE of Route 111 and Rand Avenue
VMP-16	5		13.5	19	31	WRR- Main Property
VMP-17	5					Public Works Yard
VMP-18	8.5					Village of Roxana - 8th Street
VMP-19	5					Village of Roxana - 8th Street
VMP-20	5		10	25	39.5	Village of Roxana - Alley Between 2nd and 3rd Street
VMP-21	5		10	25	33	Village of Roxana - Alley Between 3rd and 4th Street
VMP-22	5		10	18	38	Village of Roxana - Alley Between 4th and 5th Street
VMP-23	5		10	25	40	Village of Roxana - Alley Between 5th and 6th Street
VMP-24	5		10	22	34	Village of Roxana - 7th Street
VMP-25	5		9.5	21	31	Village of Roxana - Corner of Rand Avenue and Route 111
VMP-26	10		20	30	38	WRR - North Property
VMP-27	10		20	30	38	WRR - North Property
VMP-28	10		20	30	37	WRR - North Property
VMP-29	10		18	26	40	Public Works Yard
VMP-30	10		18	26	40	Public Works Yard
VMP-31	5		10	20	30	Village of Roxana - Chaffer Avenue (Abandoned in June 2014)
VMP-32	5		10	20	30	Village of Roxana - 4th Street
VMP-33			10	20	30	WRR - North Property
VMP-34			10	20	30	WRR - North Property
VMP-35			10	20	30	WRR - North Property
VMP-36			10	20	30	WRR - North Property
VMP-37			10	20	30	WRR - North Property
VMP-38			10	20	27	WRR - North Property
VMP-39			10	20	30	WRR - North Property
VMP-40			10	20	30	WRR - North Property
VMP-41			10	20	26	Public Works Yard
VMP-42			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 3rd Street
VMP-43			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 4th Street
VMP-44			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 5th Street
VMP-45			10	20	30	Village of Roxana - Corner of Chaffer Avenue and 6th Street
VMP-46			10	20	30	WRR - North Property
VMP-47	5		10	20	30	Village of Roxana - Corner of Chaffer Avenue and Alley Between 1st and 2nd Street
VMP-48	5		10	20	30	Village of Roxana - Alley Between 2nd and 3rd Street
VMP-49	5		10	20	30	Village of Roxana - Alley Between 3rd and 4th Street
VMP-50	5		10	20	30	Village of Roxana - Alley Between 4th and 5th Street
VMP-51	5		10	20	30	Village of Roxana - Alley Between 5th and 6th Street
VMP-52	5		10	20	30	Village of Roxana - Alley Between 6th and 7th Street
VMP-53	5		10	20	30	Village of Roxana - Alley Between 7th and 8th Street
VMP-54	5		10	20	30	Village of Roxana - Alley Between 7th and 8th Street
VMP-55	5		10	20	30	Public Works Yard Area; Route 111 Right-of-Way
VMP-56			10	25	38.5	Village of Roxana - Corner of Chaffer Avenue and 4th Street
VMP-57	5		10	20	30	WRR - North Property
VMP-58	5		10	20	30	WRR - North Property
VMP-59	5		10	20	30	WRR - North Property
VMP-60	5		10	20	30	WRR - North Property
VMP-61	5		10	20	30	WRR - North Property
VMP-62	5		10	20	30	Village of Roxana - Alley Between 1st and 2nd Street
VMP-63	5		10	20	30	Village of Roxana - Corner of Chaffer Avenue and 1st Street
VMP-64	5		10	20	28	Village of Roxana - Corner of Chaffer Avenue and Alley Between 1st and Tydeman

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-1	5	2/9/15	54.7	0.0	N/A	50.1	0.0	1.2	0.7	0.0	0	0.3	20.8
		5/5/15	59.6	0.0	N/A	50.1	0.0	3.5	2.3	0.0	0	0.1	20.0
		7/30/15	64.5	0.0	N/A	60.3	0.0	0.0	0.4	0.0	0	0.7	18.7
		11/3/15	62.3	0.0	N/A	54.1	0.0	0.0	0.4	0.0	0	0.4	20.5
		2/3/16	54.9	0.0	N/A	52.1	0.1	0.0	0.3	0.0	0	0.1	20.7
		5/3/16	53.6	0.0	N/A	50.3	0.2	0.0	0.3	0.0	0	0.2	19.6
		7/25/16	50.1	0.0	N/A	58.5	0.0	0.0	0.2	0.0	0	1.0	19.3
		10/28/16	67.0	0.0	N/A	51.4	0.0	0.0	0.3	0.0	0	0.7	20.4
	8.5	2/9/15	58.6	0.0	N/A	51.6	0.0	0.5	1.1	0.0	0	0.2	20.7
		5/5/15	53.5	0.0	N/A	50.3	0.0	1.9	1.7	0.0	0	0.1	20.7
		7/30/15	52.6	0.0	N/A	60.6	0.0	0.0	0.4	0.0	0	0.5	20.5
		11/3/15	55.2	0.0	N/A	62.6	0.0	0.0	0.7	0.0	0	0.2	20.7
		2/3/16	56.2	0.0	N/A	51.1	0.2	0.0	0.3	0.0	0	0.1	20.7
		5/3/16	55.5	0.0	N/A	50.2	0.3	0.0	0.3	0.0	0	0.2	19.8
		7/25/16	52.3	0.0	N/A	51.0	0.0	0.0	0.2	0.0	0	0.6	20.0
		10/28/16	56.1	0.0	N/A	55.4	0.1	0.0	0.4	0.0	0	0.5	20.8
	23.5	2/9/15	53.6	0.0	N/A	51.3	0.2	0.8	1.2	0.0	0	0.3	20.4
		5/5/15	62.9	0.0	N/A	51.1	0.0	1.5	1.5	0.0	0	0.2	20.7
		7/30/15	60.9	0.0	N/A	51.7	0.0	0.0	0.4	0.0	0	0.5	20.6
		11/3/15	69.2	0.0	N/A	53.6	0.0	0.0	0.7	0.0	0	0.2	20.8
		2/3/16	54.4	0.0	N/A	50.6	0.0	0.0	0.4	0.0	0	0.1	20.8
		5/3/16	56.6	0.0	N/A	60.3	0.4	0.0	0.3	0.0	0	0.2	19.4
		7/25/16	57.5	0.0	N/A	50.0	0.0	0.0	0.3	0.0	0	0.9	19.7
		10/28/16	53.5	0.0	N/A	53.5	0.1	0.8	0.5	0.0	0	0.0	20.8
	38.5	2/9/15	58.2	0.0	N/A	51.2	0.0	502	115	0.4	8	8.9	11.6
		5/5/15	56.4	0.0	N/A	51.2	0.0	966	40.6	0.5	10	7.4	10.5
		6/15/15[12]	63.7	0.0	N/A	55.3	0.0	67.6	7.8	0.0	0	6.9	11.0
		7/30/15	58.6	0.0	N/A	61.4	0.0	0.0	0.6	0.0	0	4.4	14.6
		11/3/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/25/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-2	5	2/10/15	52.1	0.0	N/A	55.5	0.0	6.3	2.8	0.0	0	0.2	20.4
		5/6/15	51.6	0.0	N/A	53.5	0.1	2.6	1.9	0.0	0	0.1	20.7
		7/30/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/4/15	61.5	0.0	N/A	72.1	0.1	0.0	0.2	0.0	0	0.5	20.5
		2/1/16	64.6	0.0	N/A	62.9	0.0	0.0	0.0	0.0	0	0.1	20.7
		4/27/16	57.6	0.0	N/A	57.6	0.0	0.0	0.5	0.0	0	0.6	19.8
		7/26/16	52.8	0.0	N/A	56.7	0.0	0.0	0.6	0.0	0	6.3	12.6
		10/26/16	55.1	0.0	N/A	51.2	0.0	0.0	0.5	0.0	0	4.2	17.3
	8.5	2/10/15	55.8	0.0	N/A	61.6	0.0	1.0	0.7	0.0	0	0.4	20.7
		5/6/15	52.7	0.1	N/A	50.9	0.5	2.6	2.3	0.0	0	0.1	20.4
		7/30/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/4/15	61.2	0.0	N/A	62.8	0.0	0.0	0.3	0.0	0	0.7	20.7
		2/1/16	64.3	0.0	N/A	50.3	0.2	0.0	0.1	0.0	0	0.2	20.7
		2/16/16	65.2	0.0	N/A	68.5	0.0	0.0	0.3	0.0	0	0.0	20.7
		4/27/16	52.8	0.0	N/A	51.9	0.1	0.7	0.6	0.0	0	0.0	20.4
		7/26/16	52.0	0.0	N/A	51.7	0.0	0.0	0.5	0.0	0	2.1	16.9
		10/26/16	53.9	0.0	N/A	51.0	0.0	0.0	0.7	0.0	0	3.7	17.2

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-2	22	2/10/15	52.7	0.0	N/A	62.5	0.0	1.4	0.7	0.0	0	0.3	20.7
		5/6/15	54.5	0.0	N/A	52.2	0.0	3.6	2.8	0.0	0	0.0	20.2
		7/30/15	59.4	0.4	N/A	50.8	1.5	0.0	0.7	0.0	0	1.4	18.9
		11/4/15	56.7	0.0	N/A	57.7	4.0	0.0	0.3	0.0	0	0.6	20.1
		2/1/16	56.4	0.0	N/A	50.1	0.4	0.0	0.1	0.0	0	0.3	20.5
		4/27/16	52.4	0.1	N/A	51.0	0.1	0.0	0.8	0.0	0	0.3	20.0
		7/26/16	52.3	0.0	N/A	51.1	0.7	0.0	0.5	0.0	0	2.0	17.2
		10/26/16	56.3	0.0	N/A	51.2	0.0	0.0	0.6	0.0	0	3.2	17.5
	42	2/10/15	57.5	8.8	OVR	51.3	5.0	670000	50.6	OVR	OVR	7.2	5.6
		5/6/15	50.6	11.5	N/A	51.5	6.5	1000000	46.8	OVR	OVR	8.1	2.0
		6/15/15[12]	51.8	18.0	OVR	53.1	11.3	1000000	39.2	OVR	OVR	6.3	2.6
		7/30/15	55.1	9.8	OVR	57.2	7.5	1000000	26.2	OVR	OVR	6.1	5.1
		11/4/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/1/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/26/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-3	5	2/9/15	56.7	0.0	N/A	51.5	0.0	0.4	1.4	0.0	0	0.3	20.7
		5/4/15	63.4	0.0	N/A	52.9	0.0	1.7	6.2	0.0	0	0.3	20.5
		7/29/15	53.3	0.0	N/A	57.2	0.0	0.0	0.3	0.0	0	1.0	19.7
		11/5/15[7]	53.4	0.0	N/A	50.2	0.5	0.8	0.9	0.0	0	0.0	20.7
		2/16/16[9]	59.3	0.0	N/A	59.1	4.7	0.0	0.2	0.0	0	0.0	18.5
		4/27/16	53.8	0.0	N/A	60.1	0.0	1.9	0.7	0.0	0	0.2	20.5
		8/1/16	52.4	0.0	N/A	50.5	6.2	0.0	0.4	0.0	0	0.0	19.3
		10/26/16	52.5	0.0	N/A	54.5	0.0	0.6	0.5	0.0	0	0.0	20.4
	10	2/9/15	53.8	0.0	N/A	53.7	0.0	1.6	1.5	0.0	0	0.3	20.7
		5/4/15	52.7	0.0	N/A	54.4	0.0	2.1	6.8	0.0	0	0.3	20.3
		7/29/15	56.3	0.0	N/A	57.6	0.1	1.3	0.3	0.0	0	0.9	20.1
		11/3/15	52.5	0.0	N/A	54.8	0.8	0.0	0.4	0.0	0	0.1	20.6
		2/16/16[9]	56.7	0.0	N/A	57.8	0.1	0.0	0.4	0.0	0	0.0	20.7
		4/27/16	56.7	0.0	N/A	61.5	0.0	2.2	0.9	0.0	0	0.3	20.7
		8/2/16[7]	52.4	0.0	N/A	51.3	0.2	0.2	0.2	0.0	0	0.2	20.6
		10/26/16	61.9	0.0	N/A	54.4	0.0	0.4	0.6	0.0	0	0.1	20.8
	22	2/9/15	53.8	0.0	N/A	63.4	0.0	0.8	1.9	0.0	0	0.7	20.3
		5/8/15	75.1	0.0	N/A	53.0	0.1	1.6	2.6	0.0	0	0.1	20.8
		7/29/15	53.5	0.0	N/A	50.9	0.3	0.0	0.3	0.0	0	0.9	20.1
		11/3/15	52.8	0.0	N/A	56.2	0.0	0.0	0.4	0.0	0	0.7	20.6
		2/16/16[9]	64.4	0.0	N/A	61.2	0.0	0.0	0.3	0.0	0	0.2	20.4
		4/27/16	53.4	0.0	N/A	51.5	0.0	0.0	0.7	0.0	0	0.4	20.5
		8/1/16	51.1	0.0	N/A	51.6	0.7	0.0	0.0	0.0	0	0.9	19.9
		10/26/16	63.6	0.0	N/A	54.1	0.0	0.0	0.8	0.0	0	1.0	20.2
	31.5	2/9/15	52.2	0.0	N/A	50.1	0.0	1.4	1.4	0.0	0	2.8	19.3
		5/12/15[8]	NS	NS	NS	NS	NS	N/A	N/A	NS	NS	NS	NS
		7/29/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/15	51.1	0.0	N/A	51.2	0.0	2.4	0.7	0.0	0	4.3	17.5
		2/1/16	66.7	0.0	N/A	51.2	0.4	0.6	0.4	0.0	0	4.7	17.9
		4/27/16	52.4	0.0	N/A	53.4	0.0	4.4	0.8	0.0	0	3.7	18.5
		8/1/16	53.8	0.0	N/A	50.3	0.0	10.1	0.8	0.0	0	3.0	17.5
		10/26/16	59.4	0.0	N/A	51.3	0.0	5.5	0.8	0.0	0	3.9	16.4

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-3	39	2/9/15	50.1	0.1	OVR	50.0	0.1	15400	102	10.7	OVR	6.0	16.2
		5/12/15[8]	NS	NS	NS	NS	NS	N/A	N/A	NS	NS	NS	NS
		7/29/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/15	52.1	0.0	N/A	53.8	0.0	8.3	0.8	0.0	0	5.5	16.2
		2/1/16	50.5	0.0	N/A	50.4	0.1	0.1	0.3	0.0	0	5.6	17.4
		4/27/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/1/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-4	5	2/10/15	59.1	0.0	N/A	52.5	0.0	1.0	1.2	0.0	0	0.0	20.9
		5/12/15[8]	NS	NS	NS	NS	NS	N/A	N/A	NS	NS	NS	NS
		7/30/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/15	51.2	0.0	N/A	59.1	0.0	0.0	0.5	0.0	0	0.0	20.9
		2/3/16	54.3	0.0	N/A	52.6	0.0	0.0	0.3	0.0	0	0.0	20.9
		5/3/16	52.9	0.0	N/A	56.7	0.0	NS	NS	0.0	0	0.3	20.6
		8/2/16	53.0	0.0	N/A	55.5	0.0	0.0	0.3	0.0	0	0.6	20.0
		10/28/16	77.1	0.0	N/A	57.7	0.0	0.0	0.5	0.0	0	0.3	20.9
	12	2/10/15	52.5	0.0	N/A	57.4	0.2	1.3	1.2	0.0	0	0.0	20.7
		5/11/15	57.4	0.0	N/A	59.2	5.7	1.5	0.7	0.0	0	0.3	19.4
		8/3/15[7]	60.3	0.1	N/A	48.1	0.6	3.1	0.3	0.0	0	0.5	18.9
		11/2/15	57.5	0.0	N/A	59.7	0.3	0.0	0.4	0.0	0	0.1	20.9
		2/3/16	66.5	0.0	N/A	51.6	0.2	0.0	0.3	0.0	0	0.1	20.7
		5/3/16	66.5	0.0	N/A	62.6	0.0	0.0	0.3	0.0	0	0.7	19.9
		8/2/16	64.5	0.0	N/A	64.0	0.3	0.0	0.2	0.0	0	2.2	18.4
		10/28/16	58.4	0.0	N/A	52.6	0.0	0.4	0.7	0.0	0	1.1	20.0
	23.5	2/10/15	50.6	0.0	N/A	52.2	0.0	1980	405	1.8	35	2.6	18.4
		5/8/15	59.9	0.0	N/A	60.1	0.0	1999	380	1.8	36	2.0	19.1
		6/15/15[12]	52.7	0.0	N/A	50.1	0.0	2254	333	1.9	38	2.1	18.6
		7/30/15	54.1	0.0	N/A	55.8	0.0	1597	231	1.6	32	1.9	18.7
		11/2/15	51.7	0.0	N/A	53.9	0.0	1131	187	0.9	19	1.5	19.9
		2/3/16	88.5	0.0	N/A	52.4	0.0	1370	244	1.2	27	2.3	19.1
		5/3/16	54.5	0.0	N/A	73.8	0.0	1043	181	0.0	0	1.0	19.3
		8/2/16	57.8	0.0	N/A	62.8	0.0	744	75.2	0.5	11	1.8	17.5
		9/23/16[12]	50.9	0.0	N/A	51.7	0.0	526	95.4	0.4	8	2.2	18.4
		10/28/16	55.4	0.0	N/A	52.8	0.0	434	92.7	0.4	8	1.8	19.2
	39	2/10/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/08/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/2/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-5	5	1/30/15	55.8	0.0	N/A	51.4	0.0	1.7	0.5	0.0	0	0.2	20.7
		4/29/15	60.1	0.0	N/A	53.8	0.1	2.2	2.3	0.0	0	0.1	20.8
		7/29/15	52.6	0.0	N/A	53.3	0.0	0.0	0.6	0.0	0	0.2	20.7
		10/29/15	67.7	0.0	N/A	57.4	2.1	0.0	0.1	0.0	0	0.2	20.8
		1/25/16	63.0	0.0	N/A	52.8	3.1	0.0	0.1	0.0	0	0.1	20.4
		4/28/16	54.2	0.0	N/A	52.3	0.2	0.0	0.4	0.0	0	0.0	20.8
		7/28/16	53.7	0.0	N/A	50.7	0.1	0.0	0.6	0.0	0	0.1	20.6
		10/25/16	62.4	0.0	N/A	52.7	0.0	0.0	0.6	0.0	0	0.0	20.9

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-5	12.5	1/30/15	52.1	0.0	N/A	52.8	0.1	0.8	0.6	0.0	0	0.2	20.2
		4/29/15	54.7	0.2	N/A	52.4	0.3	2.0	2.2	0.0	0	0.1	20.9
		7/29/15	52.6	0.0	N/A	57.1	0.2	0.0	0.8	0.0	0	0.2	20.8
		10/29/15	67.4	0.5	N/A	56.8	0.3	0.0	0.2	0.0	0	0.2	20.9
		1/25/16	55.7	0.0	N/A	50.9	0.0	0.0	0.1	0.0	0	0.1	20.9
		4/28/16	54.9	0.0	N/A	58.9	0.0	0.0	0.3	0.0	0	0.1	20.5
		7/28/16	51.3	0.0	N/A	56.4	0.0	0.0	0.5	0.0	0	0.4	20.2
		10/25/16	54.1	0.0	N/A	55.4	0.0	0.0	0.6	0.0	0	0.3	20.9
	31	1/30/15	50.3	0.0	N/A	51.1	0.2	0.7	0.6	0.0	0	0.5	20.5
		4/29/15	59.1	0.8	N/A	56.3	0.6	2.4	2.1	0.0	0	0.4	20.6
		7/29/15	56.3	0.0	N/A	62.5	0.0	0.0	0.6	0.0	0	0.7	20.4
		10/29/15	56.1	0.0	N/A	51.5	0.1	0.0	0.2	0.0	0	0.6	20.6
		1/26/16	50.1	0.0	N/A	54.8	4.0	0.0	0.0	0.0	0	0.5	20.6
		3/9/16[12]	54.5	0.0	N/A	55.2	0.1	0.0	0.3	0.0	0	0.3	20.6
		4/28/16	54.0	0.0	N/A	50.2	0.1	0.0	0.3	0.0	0	0.3	20.0
		7/28/16	56.5	0.0	N/A	52.4	0.3	0.0	0.5	0.0	0	0.6	19.6
		10/25/16	57.7	0.0	N/A	54.7	0.0	0.0	0.6	0.0	0	3.1	18.3
	40	1/30/15	52.7	0.0	N/A	50.1	0.1	0.7	0.8	0.0	0	1.5	20.2
		4/29/15	61.4	0.0	N/A	54.3	0.2	3.1	2.1	0.0	0	1.1	20.3
		7/29/15	56.8	0.0	N/A	54.8	0.0	0.0	0.7	0.0	0	1.4	19.6
		10/29/15	59.5	0.1	N/A	62.5	0.1	0.0	0.2	0.0	0	1.7	20.1
		1/25/16	56.5	0.0	N/A	55.7	0.1	0.0	0.2	0.0	0	1.2	19.9
		4/28/16	57.6	0.0	N/A	74.2	0.6	0.0	0.2	0.0	0	0.7	19.6
		7/28/16	50.4	0.0	N/A	52.9	0.0	0.3	0.4	0.0	0	1.0	18.6
		10/25/16	59.4	0.0	N/A	61.6	0.0	0.0	0.6	0.0	0	3.1	18.3
VMP-6	5	2/9/15	55.0	0.0	N/A	51.3	0.5	1.5	1.0	0.0	0	0.2	20.9
		4/29/15	61.7	0.0	N/A	63.6	0.1	2.1	0.9	0.0	0	0.1	20.8
		7/27/15	57.2	0.0	N/A	52.8	0.0	2.2	0.6	0.0	0	0.8	19.8
		10/29/15	50.8	0.0	N/A	50.2	0.3	0.0	0.1	0.0	0	0.1	20.9
		2/1/16	69.3	0.0	N/A	68.8	0.1	0.0	0.2	0.0	0	0.0	20.9
		4/25/16	58.1	0.0	N/A	62.0	0.0	0.0	0.4	0.0	0	0.1	20.1
		7/28/16	67.1	0.0	N/A	55.0	0.0	0.0	0.6	0.0	0	0.3	18.1
		10/28/16	56.9	0.0	N/A	48.5	0.0	0.0	0.7	0.0	0	1.5	19.5
	10	2/9/15	53.6	0.3	N/A	52.2	0.4	0.4	1.0	0.0	0	0.5	20.9
		4/29/15	52.8	0.0	N/A	61.0	0.1	1.0	1.1	0.0	0	0.7	20.1
		7/27/15	57.9	0.0	N/A	52.2	0.2	0.0	0.2	0.0	0	2.1	18.6
		10/29/15	52.2	0.0	N/A	50.9	0.4	0.0	0.2	0.0	0	1.2	20.2
		2/1/16	62.9	0.0	N/A	54.5	0.1	0.0	0.2	0.0	0	0.3	20.6
		4/25/16	54.3	0.0	N/A	56.0	0.0	0.0	0.2	0.0	0	0.4	20.0
		7/28/16	56.3	0.0	N/A	70.9	0.0	0.0	0.9	0.0	0	1.9	17.5
		10/28/16	55.6	0.0	N/A	50.1	0.0	0.0	0.9	0.0	0	1.8	19.2
	31.5	2/9/15	53.2	0.0	N/A	51.3	0.0	3.5	1.5	0.0	0	3.9	17.3
		4/29/15	57.8	0.0	N/A	55.6	0.0	2.0	1.5	0.0	0	3.5	15.9
		7/27/15	59.1	0.0	N/A	50.0	0.0	1.1	0.7	0.0	0	3.4	16.8
		11/25/15[9]	55.2	0.0	N/A	60.2	0.4	0.0	0.6	0.0	0	2.6	18.6
		2/1/16	64.5	0.0	N/A	54.2	0.0	0.0	0.5	0.0	0	2.9	18.7
		4/25/16	52.6	0.0	N/A	59.3	0.0	0.0	0.3	0.0	0	2.4	18.7
		7/28/16	57.5	0.0	N/A	56.3	0.0	3.4	1.4	0.0	0	2.4	17.6
		10/28/16	55.5	0.0	N/A	54.8	0.0	0.0	0.5	0.0	0	3.0	18.0

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-6	39	2/9/15	52.2	0.0	N/A	51.1	0.0	0.2	1.2	0.0	0	5.8	15.4
		4/29/15	67.9	0.0	N/A	53.9	0.0	1.1	1.6	0.0	0	5.7	12.9
		7/27/15	62.9	0.0	N/A	48.7	0.0	0.0	0.5	0.0	0	5.0	14.8
		10/29/15	63.0	0.0	N/A	51.2	2.9	334	2.3	0.0	0	4.7	15.7
		2/1/16	57.9	0.0	N/A	61.1	0.0	0.0	0.5	0.0	0	4.5	16.8
		4/25/16	50.4	0.0	N/A	61.0	0.0	0.0	0.3	0.0	0	3.3	17.4
		7/28/16	63.9	0.0	N/A	52.1	0.0	0.0	0.8	0.0	0	2.9	17.6
		10/28/16	54.3	0.0	N/A	51.3	0.0	0.0	0.5	0.0	0	3.5	17.7
VMP-7	5	2/2/15	73.6	0.0	N/A	54.3	0.0	1.3	1.9	0.0	0	0.1	20.9
		4/30/15	54.2	0.0	N/A	55.5	0.0	1.4	0.9	0.0	0	0.3	20.3
		7/27/15	54.7	0.0	N/A	51.4	0.0	0.0	0.3	0.0	0	0.9	20.9
		10/28/15	57.0	0.0	N/A	54.9	0.0	0.0	0.4	0.0	0	0.6	20.8
		1/27/16	50.6	0.0	N/A	52.6	0.0	0.0	0.2	0.0	0	0.0	20.9
		4/29/16	53.1	0.0	N/A	57.4	0.0	0.0	0.4	0.0	0	0.5	20.7
		7/26/16	63.0	0.0	N/A	49.5	0.0	0.0	0.0	0.0	0	1.0	19.0
		10/25/16	71.6	0.0	N/A	54.3	0.1	0.0	0.2	0.0	0	1.1	19.6
	13.5	2/2/15	62.5	0.0	N/A	50.9	0.0	1.6	2.6	0.0	0	0.2	20.9
		4/30/15	51.7	0.0	N/A	63.0	0.1	1.2	1.0	0.0	0	0.5	20.2
		7/27/15	55.6	0.0	N/A	50.5	0.1	0.0	0.4	0.0	0	1.3	19.5
		10/28/15	56.8	0.0	N/A	63.7	0.0	0.0	0.4	0.0	0	0.8	20.7
		1/27/16	57.6	0.0	N/A	53.6	0.0	0.0	0.2	0.0	0	0.1	20.7
		4/29/16	53.0	0.0	N/A	51.5	0.0	0.0	0.5	0.0	0	0.6	20.5
		7/26/16	52.6	0.0	N/A	50.8	0.0	0.0	0.0	0.0	0	1.2	18.7
		10/25/16	57.3	0.0	N/A	50.9	0.0	0.0	0.3	0.0	0	1.4	20.0
	29.5	2/2/15	60.2	0.0	N/A	53.2	0.0	1.7	3.6	0.0	0	1.5	20.6
		4/30/15	54.7	0.0	N/A	61.6	0.0	1.8	1.2	0.0	0	1.0	19.2
		7/27/15	57.1	0.0	N/A	49.8	0.1	0.0	0.4	0.0	0	1.6	18.8
		10/28/15	72.1	0.0	N/A	62.4	0.0	0.0	0.4	0.0	0	1.9	19.7
		1/27/16	55.4	0.0	N/A	54.7	0.0	0.0	0.3	0.0	0	1.4	20.1
		4/29/16	53.4	0.0	N/A	50.3	0.0	0.0	0.7	0.0	0	1.0	19.9
		7/26/16	52.5	0.0	N/A	50.5	0.0	0.0	0.0	0.0	0	1.6	18.3
		10/25/16	69.9	0.0	N/A	62.3	0.1	0.0	0.4	0.0	0	2.5	19.0
	38	2/2/15	58.6	0.0	N/A	52.9	0.0	1.9	1.1	0.0	0	2.7	19.7
		4/30/15	58.6	0.0	N/A	63.8	0.0	2.7	1.3	0.0	0	2.2	17.9
		7/27/15	54.6	0.0	N/A	48.4	0.0	0.0	0.3	0.0	0	2.3	18.0
		10/28/15	51.8	0.0	N/A	62.2	0.0	0.0	0.4	0.0	0	2.4	19.5
		1/27/16	65.1	0.0	N/A	53.3	0.0	0.0	0.3	0.0	0	2.1	19.3
		4/29/16	55.3	0.0	N/A	52.7	0.0	0.0	0.6	0.0	0	1.4	19.6
		7/26/16	56.2	0.0	N/A	54.8	0.0	0.0	0.0	0.0	0	1.7	18.1
		10/25/16	54.3	0.0	N/A	50.3	0.0	0.0	0.2	0.0	0	2.8	18.3
VMP-8	5	2/9/15	59.9	0.0	N/A	51.4	0.0	1.0	0.9	0.0	0	0.5	20.9
		4/27/15	54.4	0.0	N/A	53.2	0.0	2.6	0.8	0.0	0	1.0	19.5
		7/28/15	52.5	0.0	N/A	52.1	0.0	0.0	0.3	0.0	0	2.7	18.4
		10/27/15	50.2	0.0	N/A	50.3	0.0	0.0	0.8	0.0	0	1.0	19.6
		1/27/16	65.2	0.0	N/A	60.1	0.0	0.0	0.2	0.0	0	0.3	20.2
		4/29/16	57.3	0.0	N/A	56.5	0.0	0.0	0.3	0.0	0	0.7	19.6
		7/29/16	53.1	0.0	N/A	65.5	0.0	0.0	0.0	0.0	0	1.9	18.6
		10/25/16	62.8	0.0	N/A	59.6	0.0	0.0	0.2	0.0	0	2.1	19.3

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-8	9.5	2/9/15	59.1	0.0	N/A	60.7	0.0	0.4	0.8	0.0	0	1.2	20.7
		4/27/15	63.8	0.0	N/A	51.5	0.0	2.9	1.5	0.0	0	0.2	19.8
		7/28/15	50.7	0.0	N/A	54.2	0.1	0.0	0.4	0.0	0	3.2	17.4
		10/27/15	50.5	0.0	N/A	56.9	0.0	0.0	1.0	0.0	0	2.2	19.2
		1/27/16	59.1	0.0	N/A	51.8	0.0	0.0	0.1	0.0	0	1.5	19.6
		4/29/16	58.3	0.0	N/A	53.2	0.0	0.0	0.4	0.0	0	1.3	19.0
		7/29/16	52.7	0.0	N/A	57.0	0.0	0.0	0.0	0.0	0	2.7	17.6
		10/25/16	56.4	0.0	N/A	51.9	0.0	0.0	0.3	0.0	0	3.8	17.5
	23.5	2/9/15	57.6	0.0	N/A	50.1	0.0	0.2	1.0	0.0	0	2.9	19.0
		5/5/15[9]	57.6	0.0	N/A	52.1	0.0	1.0	1.6	0.0	0	1.5	19.4
		7/28/15	52.1	0.0	N/A	57.2	0.2	0.0	0.2	0.0	0	2.4	17.6
		10/27/15	53.0	0.0	N/A	53.2	0.0	0.0	0.9	0.0	0	3.2	18.0
		1/27/16	56.9	0.2	N/A	56.8	0.3	0.0	0.1	0.0	0	3.1	19.9
		4/29/16	50.3	0.0	N/A	53.8	0.0	0.0	0.5	0.0	0	2.2	18.4
		7/29/16	59.6	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	2.8	17.3
		10/25/16	57.7	0.0	N/A	57.7	0.0	0.0	0.5	0.0	0	1.5	19.2
	35.5	2/9/15	55.6	0.0	N/A	52.5	0.0	0.7	0.9	0.0	0	1.3	20.1
		4/27/15	53.4	0.2	N/A	51.2	0.1	3.1	1.8	0.0	0	0.7	19.3
		7/28/15	53.7	0.0	N/A	61.8	0.0	0.0	0.3	0.0	0	2.4	18.2
		10/27/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/27/16	61.3	0.1	N/A	51.6	0.0	0.0	0.3	0.0	0	1.5	19.4
		4/29/16	52.3	0.3	N/A	56.3	0.3	0.0	0.5	0.0	0	0.8	19.8
		8/3/16	52.8	0.0	N/A	52.0	0.0	0.0	0.2	0.0	0	2.9	17.0
		10/25/16	59.4	0.0	N/A	61.6	0.0	0.0	0.4	0.0	0	3.1	18.3
VMP-9	5	2/11/15	55.8	0.1	N/A	51.2	0.8	0.9	1.4	0.0	0	0.2	20.8
		5/4/15	55.8	0.0	N/A	54.7	0.0	2.5	1.1	0.0	0	0.2	20.8
		7/28/15	54.6	0.0	N/A	58.6	0.0	0.0	0.3	0.0	0	0.7	19.7
		10/28/15	54.2	0.0	N/A	53.3	0.0	0.0	0.4	0.0	0	0.2	20.8
		1/28/16	65.7	0.0	N/A	55.2	0.0	0.0	0.3	0.0	0	0.2	20.8
		4/28/16	65.2	0.0	N/A	52.7	0.0	0.0	0.5	0.0	0	0.1	20.7
		8/1/16	66.5	0.0	N/A	63.6	0.0	0.0	0.2	0.0	0	0.6	20.2
		10/25/16	61.8	0.0	N/A	52.6	0.0	0.0	0.4	0.0	0	0.4	20.4
		12/9/16[12]	66.7	0.0	N/A	53.0	0.0	0.0	0.3	0.0	0	0.8	19.9
	11.5	2/11/15	52.9	0.1	N/A	54.4	0.9	0.6	1.4	0.0	0	0.2	20.6
		5/4/15	52.9	0.0	N/A	54.3	0.1	1.7	1.1	0.0	0	0.5	20.5
		7/28/15	58.2	0.0	N/A	60.5	0.2	0.0	0.4	0.0	0	1.1	19.2
		10/28/15	56.8	0.0	N/A	56.8	0.1	0.0	0.4	0.0	0	0.3	20.9
		1/28/16	60.9	0.0	N/A	52.7	0.0	0.0	0.2	0.0	0	0.2	20.7
		4/28/16	57.7	0.0	N/A	51.7	0.1	0.0	0.8	0.0	0	0.5	20.4
		8/1/16	51.0	0.0	N/A	64.9	0.0	0.0	0.2	0.0	0	1.6	19.2
		10/25/16	59.2	0.0	N/A	55.5	0.0	0.0	0.8	0.0	0	1.2	19.8
		12/9/16[12]	70.0	0.0	N/A	53.0	0.3	0.0	1.1	0.0	0	1.8	19.0
	25.5	2/12/15[7]	51.5	0.0	N/A	56.2	0.0	2.6	1.4	0.0	0	0.7	20.7
		5/4/15	52.9	0.0	N/A	50.0	0.0	10.9	4.1	0.0	0	0.7	19.8
		5/29/15[12]	53.3	0.0	N/A	63.0	0.0	0.6	0.7	0.0	0	0.9	19.6
		7/28/15	60.5	0.0	N/A	57.0	0.1	0.0	0.4	0.0	0	1.8	18.4
		10/28/15	64.2	0.0	N/A	52.8	0.0	0.0	0.4	0.0	0	1.8	20.2
		1/28/16	59.4	0.0	N/A	52.8	0.1	0.0	0.4	0.0	0	1.6	19.4
		4/28/16	52.4	0.0	N/A	51.4	0.1	0.0	0.7	0.0	0	0.9	20.0
		8/1/16	65.9	0.0	N/A	64.6	0.0	0.0	0.1	0.0	0	1.9	18.4
		10/25/16	65.3	0.0	N/A	55.3	0.0	0.0	0.3	0.0	0	2.4	18.4
		12/9/16[12]	67.7	0.0	N/A	55.0	0.0	0.0	0.5	0.0	0	3.3	17.9

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-9	38.5	2/12/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/4/15	52.3	0.0	N/A	52.4	0.0	9.5	2.5	0.0	0	2.0	18.9
		5/29/15[12]	52.9	0.0	N/A	50.0	0.1	2.9	1.2	0.0	0	1.9	19.3
		7/28/15	55.3	0.0	N/A	59.4	0.3	0.0	0.4	0.0	0	2.5	17.6
		10/28/15	52.2	0.0	N/A	56.7	0.0	0.0	0.4	0.0	0	3.2	18.7
		1/28/16	70.5	0.0	N/A	51.1	0.0	0.0	0.5	0.0	0	3.3	18.5
		4/28/16	56.7	0.0	N/A	51.1	0.2	0.0	0.4	0.0	0	2.2	19.1
		7/29/16	53.3	0.0	N/A	60.6	0.0	0.0	0.3	0.0	0	2.4	18.1
		10/25/16	57.8	0.0	N/A	52.8	0.0	0.0	0.3	0.0	0	2.1	18.8
		12/9/16[12]	66.5	0.0	N/A	54.6	0.0	0.0	0.8	0.0	0	3.7	17.1
VMP-10	5	2/5/15	58.5	0.0	N/A	55.3	0.0	1.4	2.3	0.0	0	0.0	20.8
		4/30/15	53.4	0.0	N/A	58.0	0.2	2.3	1.1	0.0	0	0.1	20.8
		7/28/15	55.4	0.2	N/A	54.3	0.0	0.0	0.4	0.0	0	0.1	20.8
		10/30/15	54.8	0.0	N/A	53.3	0.2	0.0	0.3	0.0	0	0.1	20.9
		1/29/16	60.1	0.0	N/A	55.4	0.0	0.0	0.2	0.0	0	0.0	20.9
		5/2/16	55.2	0.0	N/A	53.0	0.0	0.0	0.3	0.0	0	0.3	20.8
		8/26/16[9]	55.0	0.0	N/A	52.7	0.0	0.0	0.0	0.0	0	0.5	20.5
		11/2/16	52.0	0.0	N/A	56.3	0.0	0.0	0.6	0.0	0	0.2	19.8
	10	2/5/15	54.6	0.0	N/A	53.3	0.1	0.9	2.4	0.0	0	0.0	20.8
		4/30/15	59.0	0.1	N/A	60.5	0.1	2.7	1.4	0.0	0	0.1	20.9
		7/28/15	53.1	0.0	N/A	53.4	0.0	0.0	0.3	0.0	0	0.1	20.7
		10/30/15	53.7	0.0	N/A	52.7	0.0	0.0	0.2	0.0	0	0.1	20.9
		2/16/16[9]	73.1	0.0	N/A	59.7	0.2	0.0	0.3	0.0	0	0.1	20.8
		5/2/16	53.7	0.0	N/A	51.1	0.0	0.0	0.3	0.0	0	0.4	20.6
		7/28/16	54.7	0.0	N/A	51.1	0.0	0.0	0.4	0.0	0	0.9	19.6
		11/2/16	53.9	0.0	N/A	52.6	0.0	0.2	0.7	0.0	0	0.3	19.6
	20	2/5/15	52.5	0.0	N/A	58.3	0.0	0.4	2.8	0.0	0	0.0	20.8
		4/30/15	56.9	0.2	N/A	56.4	0.0	1.7	1.6	0.0	0	0.2	20.9
		7/28/15	53.1	0.0	N/A	52.1	0.0	0.0	0.3	0.0	0	0.6	20.5
		10/30/15	54.4	0.0	N/A	51.6	0.0	0.0	0.2	0.0	0	0.3	20.9
		1/29/16	53.4	0.0	N/A	53.8	0.0	0.0	0.3	0.0	0	0.2	20.7
		5/2/16	65.9	0.0	N/A	85.6	0.0	0.0	0.3	0.0	0	0.3	20.6
		7/28/16	55.2	0.0	N/A	56.2	0.0	0.0	0.4	0.0	0	0.6	19.9
		11/2/16	50.4	0.0	N/A	51.5	0.0	0.0	0.5	0.0	0	0.6	19.7
	30	2/5/15	53.9	0.0	N/A	64.0	0.1	2.5	2.4	0.0	0	0.2	20.7
		4/30/15	54.2	0.0	N/A	56.7	0.1	1.6	1.7	0.0	0	0.2	20.9
		7/28/15	54.9	0.0	N/A	54.3	0.0	0.0	0.3	0.0	0	0.5	20.2
		10/30/15	55.3	0.0	N/A	58.5	0.1	0.0	0.5	0.0	0	0.8	20.6
		1/29/16	55.4	0.0	N/A	62.2	0.0	0.0	0.3	0.0	0	0.8	20.3
		5/2/16	56.3	0.0	N/A	63.0	0.2	0.0	0.3	0.0	0	0.4	20.6
		7/28/16	53.9	0.0	N/A	56.4	0.0	0.0	0.5	0.0	0	0.5	20.1
		11/2/16	53.2	0.0	N/A	58.3	0.0	0.0	0.7	0.0	0	0.9	20.0
VMP-11	5	2/5/15	52.1	0.0	N/A	52.5	0.0	1.1	1.2	0.0	0	0.2	20.6
		4/30/15	65.4	0.0	N/A	55.5	0.0	1.8	1.6	0.0	0	0.3	20.9
		7/28/15	75.6	0.0	N/A	68.6	0.0	0.0	0.4	0.0	0	0.8	19.1
		10/30/15	50.9	0.0	N/A	52.2	0.1	0.0	0.2	0.0	0	0.2	20.8
		1/29/16	55.1	0.0	N/A	51.7	0.0	0.0	0.2	0.0	0	0.1	20.8
		5/2/16	52.2	0.0	N/A	56.1	0.0	0.0	0.0	0.0	0	0.4	20.7
		8/1/16	52.6	0.0	N/A	54.9	0.0	0.0	0.7	0.0	0	0.7	16.6
		11/1/16	54.3	0.0	N/A	51.8	0.0	0.0	0.5	0.0	0	0.5	19.7

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-11	8	2/5/15	51.6	0.0	N/A	51.0	0.0	1.1	1.5	0.0	0	0.3	20.8
		4/30/15	53.5	0.0	N/A	55.5	0.1	1.4	1.5	0.0	0	0.5	20.5
		7/28/15	56.1	0.0	N/A	55.5	0.0	0.0	0.5	0.0	0	1.6	19.2
		10/30/15	59.3	0.0	N/A	61.0	0.0	0.0	0.3	0.0	0	0.9	20.5
		1/29/16	60.4	0.0	N/A	51.0	0.0	0.0	0.3	0.0	0	0.3	20.6
		5/2/16	51.8	0.0	N/A	54.1	0.0	0.0	0.1	0.0	0	0.8	20.5
		5/6/16[9]	51.9	0.0	N/A	56.4	0.3	0.0	0.3	0.0	0	0.8	19.8
		8/1/16	53.8	0.0	N/A	56.8	0.0	0.0	0.6	0.0	0	1.7	18.5
		11/1/16	50.3	0.0	N/A	57.9	0.0	0.0	0.5	0.0	0	1.0	19.2
	29	2/5/15	53.1	0.0	N/A	53.8	0.0	0.7	1.2	0.0	0	0.5	20.5
		4/30/15	56.7	0.0	N/A	55.8	0.0	1.6	1.4	0.0	0	0.4	20.5
		7/28/15	56.9	0.0	N/A	55.6	0.0	0.0	0.5	0.0	0	1.3	19.1
		11/5/15[9]	61.1	0.0	N/A	57.6	0.0	0.0	0.5	0.0	0	1.4	19.8
		1/29/16	59.4	0.0	N/A	51.6	0.0	0.0	0.5	0.0	0	1.1	20.1
		5/2/16	50.6	0.0	N/A	55.4	0.0	0.0	0.1	0.0	0	0.8	20.4
		8/2/16	53.6	0.0	N/A	54.0	0.0	0.0	0.2	0.0	0	1.4	18.8
		11/1/16	55.3	0.0	N/A	51.1	0.0	0.0	0.6	0.0	0	1.5	19.2
	38	2/5/15	52.7	0.0	N/A	53.2	0.0	2.1	2.0	0.0	0	1.4	19.7
		4/30/15	57.4	0.0	N/A	53.6	0.0	3.1	1.8	0.0	0	1.2	19.6
		7/28/15	64.6	0.0	N/A	62.4	0.0	0.0	0.5	0.0	0	1.1	19.3
		10/30/15	52.7	0.0	N/A	55.8	0.0	0.0	0.3	0.0	0	1.7	19.6
		1/29/16	56.8	0.0	N/A	50.1	0.0	0.0	0.5	0.0	0	1.6	19.7
		5/2/16	52.4	0.0	N/A	57.2	0.2	0.0	0.1	0.0	0	1.0	20.4
		8/2/16	59.1	0.0	N/A	54.5	0.1	0.0	0.2	0.0	0	1.1	18.9
		11/2/16	54.5	0.0	N/A	50.1	0.0	0.3	0.3	0.0	0	0.0	20.9
VMP-12	5	2/11/15	55.1	0.0	N/A	55.6	0.0	1.9	0.8	0.0	0	0.1	20.9
		5/7/15	51.9	0.0	N/A	51.1	0.0	2.5	1.9	0.0	0	0.0	20.5
		7/31/15	61.8	0.0	N/A	56.6	0.1	1.2	0.5	0.0	0	0.4	20.6
		11/4/15	75.6	0.0	N/A	50.5	0.0	14.1	4.2	0.0	0	0.0	20.7
		2/3/16	51.9	0.0	N/A	52.7	0.3	0.0	0.3	0.0	0	0.0	20.1
		5/4/16	59.5	0.0	N/A	52.3	0.0	0.4	0.6	0.0	0	0.0	20.7
		8/3/16	61.9	0.0	N/A	50.2	0.1	0.0	0.2	0.0	0	0.0	19.6
		10/31/16	54.7	0.0	N/A	53.2	0.0	0.9	0.6	0.0	0	0.0	20.9
	11.5	2/11/15	53.0	0.0	N/A	60.6	0.0	3.1	0.9	0.0	0	0.0	20.8
		5/7/15	52.8	0.0	N/A	50.5	0.0	2.3	1.8	0.0	0	0.0	20.7
		7/31/15	66.3	0.0	N/A	74.9	0.1	0.3	0.5	0.0	0	0.1	20.9
		11/4/15	57.2	0.0	N/A	61.1	0.0	4.6	1.6	0.0	0	0.0	20.7
		2/3/16	52.2	0.0	N/A	50.7	0.1	0.0	0.4	0.0	0	0.1	20.9
		5/4/16	53.3	0.0	N/A	50.6	0.0	0.2	0.5	0.0	0	0.0	20.7
		8/3/16	50.7	0.0	N/A	51.8	0.1	0.0	0.2	0.0	0	0.0	19.3
		11/3/16	53.4	0.0	N/A	55.1	0.0	0.0	0.1	0.0	0	0.1	20.5
	25	2/11/15	60.1	0.0	N/A	58.0	0.0	1.4	1.3	0.0	0	0.5	20.3
		5/7/15	52.8	0.0	N/A	50.5	0.0	2.1	2.0	0.0	0	0.3	20.4
		7/31/15	61.8	0.0	N/A	56.6	0.1	0.2	0.4	0.0	0	0.4	20.6
		11/4/15	58.6	0.0	N/A	52.7	0.0	3.8	13.3	0.0	0	0.3	20.5
		2/16/16[9]	58.3	0.0	N/A	58.5	0.1	0.0	0.4	0.0	0	0.0	20.6
		5/4/16	51.6	0.0	N/A	50.5	0.0	2.9	1.1	0.0	0	0.5	20.3
		8/3/16	52.1	0.0	N/A	56.5	0.6	0.0	0.3	0.0	0	0.5	18.5
		10/31/16	56.5	0.0	N/A	52.9	0.0	0.9	0.7	0.0	0	0.7	19.8

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-12	39	2/11/15	59.8	0.2	22.5	59.5	0.3	50700	183	22.5	OVR	16.0	0.2
		5/7/15	51.1	0.1	N/A	53.5	0.2	15100	190	11.9	OVR	13.1	3.2
		6/15/15[12]	71.3	0.0	2.1	64.6	0.2	11100	115	2.4	47	15.2	1.1
		7/31/15	62.4	0.4	15.2	62.2	0.7	58650	131	30.5	OVR	14.2	0.7
		11/4/15	54.6	0.0	N/A	52.5	0.0	29750	304	17.2	OVR	16.1	0.0
		2/3/16	51.0	0.6	N/A	53.2	0.5	10200	234	59.4	OVR	16.9	1.2
		5/4/16	56.5	2.2	OVR	53.9	1.4	171000	204	OVR	OVR	14.4	0.6
		8/3/16	57.6	1.8	N/A	55.6	1.7	213000	71.2	86.4	OVR	13.5	0.0
		11/3/16	52.9	0.2	N/A	80.0	0.9	94000	74.9	22.9	OVR	11.4	5.4
VMP-13	5	2/5/15	59.3	0.0	N/A	52.2	0.1	0.5	1.3	0.0	0	0.1	20.6
		4/30/15	56.9	0.0	N/A	51.4	0.0	1.9	1.3	0.0	0	0.2	20.8
		7/27/15	53.1	0.0	N/A	60.2	0.1	1.5	1.3	0.0	0	1.0	20.3
		11/2/15	63.5	0.0	N/A	77.0	0.0	0.0	0.5	0.0	0	0.3	20.2
		1/26/16	56.4	0.0	N/A	52.2	0.0	0.0	0.0	0.0	0	0.1	20.9
		5/3/16	51.9	0.0	N/A	56.2	0.1	0.0	0.3	0.0	0	0.3	20.5
		7/29/16	56.1	0.0	N/A	65.6	0.0	0.0	0.3	0.0	0	0.7	19.2
		11/2/16	52.4	0.0	N/A	53.4	0.0	0.0	0.6	0.0	0	0.4	20.4
	10.5	2/5/15	55.2	0.6	0.0	56.5	0.6	0.9	1.4	0.0	0	0.1	20.5
		4/30/15	56.1	0.0	N/A	56.7	0.1	1.7	1.3	0.0	0	0.2	20.7
		7/27/15	57.8	0.0	N/A	65.4	0.1	0.0	1.2	0.0	0	0.9	20.5
		11/2/15	61.0	0.0	N/A	76.5	0.0	0.0	0.4	0.0	0	0.4	20.2
		1/26/16	57.8	0.1	N/A	51.6	0.0	0.0	0.0	0.0	0	0.0	20.9
		5/3/16	53.6	0.0	N/A	52.5	0.0	0.0	0.0	0.0	0	0.2	20.7
		7/29/16	51.2	0.0	N/A	51.4	0.1	0.0	0.3	0.0	0	0.4	20.0
		11/2/16	51.6	0.0	N/A	58.5	0.0	0.0	0.7	0.0	0	0.4	20.1
	21.5	2/5/15	52.5	0.0	N/A	55.8	0.0	0.3	1.3	0.0	0	0.1	20.5
		4/30/15	62.2	0.0	N/A	53.6	0.0	1.6	1.5	0.0	0	0.2	20.7
		7/27/15	79.5	0.0	N/A	68.2	0.2	0.0	1.4	0.0	0	0.1	20.8
		11/25/15[9]	55.4	0.0	N/A	60.6	0.0	0.0	0.4	0.0	0	0.2	20.7
		1/26/16	60.4	0.0	N/A	55.3	0.0	0.0	0.0	0.0	0	0.2	20.9
		5/3/16	50.3	0.2	N/A	50.2	0.0	0.0	0.0	0.0	0	0.1	20.8
		7/29/16	51.2	0.0	N/A	52.4	0.0	0.0	0.4	0.0	0	0.1	20.4
		11/2/16	52.8	0.0	N/A	55.5	0.1	0.0	0.5	0.0	0	0.3	20.3
	29.5	2/5/15	53.6	1.2	0.0	50.9	1.2	1.8	1.1	0.0	0	0.1	20.2
		4/30/15	53.2	0.0	N/A	51.1	0.0	2.1	1.5	0.0	0	0.2	20.5
		7/27/15	50.1	0.0	N/A	52.8	0.1	0.0	0.8	0.0	0	0.8	20.6
		11/2/15	61.7	0.0	N/A	75.4	0.1	0.0	0.4	0.0	0	0.4	20.1
		1/26/16	57.3	0.0	N/A	55.3	0.0	0.0	0.0	0.0	0	0.0	20.8
		5/3/16	50.5	0.0	N/A	51.1	0.1	0.0	0.2	0.0	0	0.2	20.7
		7/29/16	51.3	0.0	N/A	50.5	0.1	0.0	1.3	0.0	0	0.6	19.7
		8/29/16[11]	65.7	0.0	N/A	57.9	0.0	10.0	10.7	0.0	0	0.6	20.2
		11/2/16	52.3	0.0	N/A	52.1	0.1	0.0	0.6	0.0	0	0.8	19.6
VMP-14	5	2/6/15	50.6	0.0	N/A	53.0	0.1	1.3	1.0	0.0	0	0.2	20.7
		4/30/15	59.7	0.0	N/A	52.4	0.0	2.7	1.2	0.0	0	0.2	20.7
		7/29/15	54.6	0.0	N/A	54.6	0.0	0.0	0.4	0.0	0	0.6	20.4
		11/2/15	52.5	0.0	N/A	51.6	0.0	0.0	0.3	0.0	0	0.1	20.4
		1/26/16	60.9	0.0	N/A	56.1	0.2	0.0	0.1	0.0	0	0.1	20.9
		5/3/16	52.1	0.0	N/A	53.5	0.0	0.0	0.2	0.0	0	0.3	20.6
		7/29/16	55.0	0.0	N/A	53.3	0.9	0.0	0.1	0.0	0	0.7	19.7
		11/2/16	55.5	0.0	N/A	55.1	0.8	0.4	0.5	0.0	0	0.2	20.1

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-14	11.5	2/6/15	52.4	0.0	N/A	54.8	0.0	1.1	1.1	0.0	0	0.2	20.9
		4/30/15	53.5	0.0	N/A	61.6	0.0	2.0	1.5	0.0	0	0.3	20.7
		7/29/15	60.7	0.0	N/A	62.3	0.0	0.0	0.4	0.0	0	0.6	20.3
		11/2/15	51.2	0.0	N/A	53.2	0.0	0.0	0.3	0.0	0	0.1	20.5
		1/26/16	53.7	0.0	N/A	55.6	0.0	0.0	0.2	0.0	0	0.0	20.9
		5/3/16	52.6	2.9	0.0	51.0	2.1	0.0	0.2	0.0	0	0.3	20.1
		7/29/16	61.7	2.0	0.0	52.4	1.9	0.0	0.2	0.0	0	0.6	19.6
		11/2/16	51.5	1.5	N/A	53.2	1.2	0.6	0.6	0.0	0	0.1	20.2
	20	2/6/15	52.6	0.0	N/A	55.7	0.0	23.8	8.6	0.0	0	3.6	15.6
		4/30/15	56.1	0.0	N/A	59.9	0.0	7.2	2.2	0.0	0	2.0	17.9
		7/29/15	59.4	0.0	N/A	56.2	0.0	46.8	5.6	0.0	0	3.1	16.1
		11/2/15	55.2	0.0	N/A	57.2	0.0	16.4	26.3	0.0	0	2.5	16.6
		1/26/16	73.3	0.0	N/A	64.3	0.0	7.2	1.8	0.0	0	3.9	15.7
		5/3/16	51.1	0.1	N/A	50.1	0.1	NS	NS	0.0	0	3.8	14.9
		5/4/16	51.9	0.0	N/A	50.2	0.0	7.2	3.8	0.0	0	5.3	12.4
		7/29/16	57.6	0.0	N/A	52.6	0.0	7.2	0.7	0.0	0	3.6	15.5
		11/2/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	29	2/6/15	52.7	0.0	N/A	54.3	0.0	5.6	2.0	0.0	0	6.2	12.5
		4/30/15	53.8	0.0	N/A	56.9	0.0	29.0	2.6	0.0	0	7.9	10.0
		7/29/15	55.8	0.0	N/A	61.3	0.0	2.3	0.9	0.0	0	7.0	10.3
		11/2/15	52.7	0.0	N/A	58.6	0.0	2.1	0.6	0.0	0	4.8	14.0
		1/26/16	72.4	0.0	N/A	57.7	0.0	341	0.8	0.0	0	13.1	3.7
		5/3/16	51.4	2.4	0.0	50.9	1.5	0.0	0.3	0.0	0	0.5	19.8
		7/29/16	65.5	1.9	0.0	57.8	1.3	0.0	0.2	0.0	0	0.6	18.6
		11/2/16	53.8	0.0	N/A	50.3	0.0	0.0	0.2	0.0	0	0.2	20.7
VMP-15	5	2/6/15	50.5	0.0	N/A	53.5	0.0	0.4	1.1	0.0	0	2.2	16.8
		5/4/15	53.3	0.0	N/A	60.1	0.0	1.1	1.4	0.0	0	3.8	14.7
		7/29/15	58.9	0.0	N/A	52.5	0.2	0.0	0.4	0.0	0	12.7	6.2
		11/4/15	59.9	0.0	N/A	64.9	0.0	0.0	0.7	0.0	0	5.3	15.4
		2/3/16	59.5	0.0	N/A	56.9	0.0	3393	3.7	0.4	8	4.8	15.5
		5/3/16	54.2	0.0	N/A	52.2	0.1	0.0	0.2	0.0	0	3.2	12.7
		8/2/16	56.4	0.0	N/A	55.1	0.0	0.0	0.2	0.0	0	8.1	12.4
		11/1/16	53.6	0.0	N/A	51.1	0.0	0.0	0.5	0.0	0	3.5	15.7
	21.5	2/6/15	50.6	0.0	N/A	51.8	0.0	1.5	1.7	0.0	0	10.8	3.6
		5/4/15	51.4	0.0	N/A	50.1	0.0	2.1	1.8	0.0	0	10.4	3.1
		7/29/15	54.1	0.6	N/A	54.5	0.7	54260	1.7	4.8	97	11.4	0.8
		11/4/15	58.1	0.0	N/A	57.8	0.0	0.0	0.8	0.0	0	5.2	15.5
		2/3/16	50.3	1.4	N/A	50.7	1.3	154000	1.5	14.6	OVR	21.2	0.4
		5/3/16	58.1	0.0	N/A	50.8	0.1	0.0	0.6	0.0	0	13.5	0.9
		8/2/16	53.8	0.8	OVR	61.9	0.9	137000	0.7	8.5	OVR	14.6	2.4
		11/1/16	53.0	0.7	N/A	53.1	1.1	45440	0.4	7.9	OVR	13.0	4.5
	25.5	2/6/15	55.6	0.0	N/A	72.0	0.0	205	4.0	0.0	0	10.8	2.9
		5/4/15	60.3	0.0	N/A	52.5	0.0	2.2	1.6	0.0	0	12.7	4.0
		7/29/15	56.8	0.7	OVR	50.0	0.7	60910	4.6	5.8	OVR	14.0	1.1
		11/4/15	59.6	0.0	N/A	61.1	0.0	0.0	1.1	0.0	0	11.9	6.4
		2/3/16	61.0	1.8	N/A	50.2	1.4	151000	9.2	16.9	OVR	23.6	0.5
		5/3/16	51.2	0.0	N/A	52.3	0.1	8440	1.8	0.7	15	15.3	1.1
		8/2/16	58.0	2.4	OVR	58.9	2.2	166000	2.8	10.9	OVR	15.8	1.7
		11/1/16	59.3	2.3	N/A	52.5	2.1	176000	3.7	11.9	OVR	16.4	1.4

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-15	29	2/6/15	50.8	0.0	N/A	53.6	0.0	103	3.6	0.0	0	9.8	7.1
		5/4/15	53.5	0.0	N/A	57.1	0.0	2.0	1.7	0.0	0	12.2	4.7
		7/29/15	61.4	0.8	OVR	55.5	0.6	62780	4.7	6.1	OVR	13.7	1.2
		11/4/15	66.4	0.0	N/A	62.3	0.0	0.0	1.1	0.0	0	10.9	8.4
		2/3/16	70.7	1.5	N/A	51.6	1.6	137000	5.6	15.6	OVR	22.6	1.2
		5/3/16	50.9	0.0	N/A	51.2	0.2	2060	0.5	0.2	5	15.7	0.5
		8/2/16	57.3	1.8	OVR	51.5	1.1	155000	2.3	9.9	OVR	15.4	1.8
		11/1/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-16	5	2/11/15	61.2	0.0	N/A	53.2	0.0	0.4	1.0	0.0	0	1.1	19.1
		5/7/15	51.8	0.0	N/A	52.4	0.0	0.1	1.7	0.0	0	4.1	12.7
		7/31/15	55.5	0.0	N/A	52.0	0.0	0.0	0.5	0.0	0	3.3	16.6
		11/4/15	50.6	0.0	N/A	52.6	0.2	0.0	0.4	0.0	0	1.2	19.1
		2/3/16	50.2	0.0	N/A	54.8	0.1	0.0	0.3	0.0	0	0.5	20.9
		5/4/16	54.6	0.0	N/A	51.7	0.2	0.0	0.7	0.0	0	0.9	20.2
		8/3/16	52.8	0.0	N/A	50.7	0.4	0.0	0.0	0.0	0	1.8	18.4
		10/31/16	68.8	0.0	N/A	54.0	0.0	0.0	0.4	0.0	0	3.2	16.3
	13.5	2/11/15	59.6	0.0	N/A	51.2	0.0	16200	1176	54.0	OVR	12.6	0.2
		5/7/15	50.5	0.0	N/A	50.9	0.0	24600	623	47.7	OVR	13.5	1.9
		7/31/15	56.5	0.0	N/A	60.6	0.0	18240	640	58.3	OVR	16.4	0.6
		11/4/15	58.4	0.0	N/A	54.6	0.0	14680	786	55.8	OVR	15.4	0.0
		2/3/16	52.9	0.0	N/A	52.2	0.0	8470	920	12.1	OVR	12.8	2.3
		5/4/16	51.4	0.0	N/A	52.6	0.0	10400	745	11.4	OVR	15.4	0.9
		5/25/16[9]	63.3	0.0	N/A	52.1	0.0	9310	641	7.7	OVR	14.4	1.7
		8/3/16	51.9	0.0	N/A	51.9	0.0	22340	391	18.9	OVR	16.5	0.0
		10/31/16	54.4	0.0	N/A	50.6	0.0	25490	490	32.8	OVR	17.1	1.3
	19	2/11/15	57.0	0.0	N/A	53.1	0.0	41100	650	68.0	OVR	17.0	0.1
		5/7/15	53.7	0.0	N/A	53.1	0.0	37700	512	48.9	OVR	13.7	1.7
		7/31/15	54.4	0.0	N/A	60.3	0.0	24620	485	44.2	OVR	16.1	0.6
		11/4/15	55.6	0.0	N/A	54.2	0.2	28350	561	78.1	OVR	17.4	0.0
		2/3/16	57.2	0.0	N/A	51.8	0.0	26660	769	41.5	OVR	15.6	1.0
		5/4/16	52.1	0.0	N/A	56.7	0.0	31200	642	34.1	OVR	14.8	2.5
		8/3/16	51.6	0.0	N/A	52.5	0.2	30330	375	30.3	OVR	16.0	0.0
		10/31/16	57.2	0.0	N/A	54.8	0.0	25340	513	45.7	OVR	17.6	0.4
	31	2/11/15	55.3	0.7	95.5	55.5	0.5	83500	366	89.5	OVR	16.0	0.1
		5/7/15	51.4	0.5	N/A	54.7	0.6	75500	361	70.6	OVR	13.7	1.8
		7/31/15	60.6	0.0	N/A	59.3	0.1	35410	333	44.5	OVR	15.5	0.6
		11/4/15	55.2	0.0	N/A	56.9	0.1	44510	358	62.1	OVR	18.6	0.0
		2/3/16	50.5	0.0	N/A	54.6	0.0	45990	511	51.7	OVR	17.7	0.3
		5/4/16	54.2	0.0	N/A	52.6	0.0	54300	444	48.5	OVR	15.2	0.9
		8/3/16	51.2	0.1	N/A	53.7	0.1	56630	287	32.6	OVR	15.7	0.0
		10/31/16	59.8	0.3	N/A	52.6	0.4	78870	170	58.3	OVR	17.7	1.4
VMP-17	5	2/4/15	56.7	0.0	N/A	52.0	0.0	0.6	0.3	0.0	0	0.2	20.6
		5/1/15	54.1	0.0	N/A	64.2	0.0	1.2	0.5	0.0	0	0.4	20.4
		7/28/15	59.6	0.0	N/A	63.6	0.0	0.0	0.4	0.0	0	0.5	20.2
		10/29/15	56.9	0.0	N/A	50.4	0.1	0.0	0.4	0.0	0	0.1	20.9
		2/2/16	53.5	0.0	N/A	53.3	0.0	0.0	0.0	0.0	0	0.1	20.9
		5/2/16	50.9	0.0	N/A	51.4	0.4	0.0	0.3	0.0	0	0.4	20.7
		7/25/16	51.9	0.0	N/A	52.9	0.0	0.0	0.8	0.0	0	0.9	19.1
		10/31/16	52.5	0.0	N/A	56.5	0.0	0.0	0.7	0.0	0	0.3	20.4

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-18	8.5	2/4/15	51.8	0.0	N/A	52.7	0.0	0.3	0.7	0.0	0	0.4	20.6
		5/1/15	55.2	0.0	N/A	65.6	0.0	1.4	1.0	0.0	0	1.1	18.9
		7/28/15	53.4	0.0	N/A	67.0	0.0	0.0	0.7	0.0	0	2.4	19.1
		10/29/15	51.8	0.0	N/A	56.5	0.0	0.0	0.4	0.0	0	0.7	20.6
		2/2/16	57.2	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	0.7	20.4
		5/5/16	53.8	0.0	N/A	57.8	0.0	0.0	0.6	0.0	0	2.4	19.1
		7/25/16	57.3	0.0	N/A	53.6	0.0	0.0	0.7	0.0	0	1.9	18.3
		10/25/16	54.2	0.0	N/A	52.3	0.0	0.0	0.9	0.0	0	1.9	19.9
VMP-19	5	2/4/15	53.5	0.0	N/A	54.1	0.0	0.5	0.8	0.0	0	0.7	20.5
		5/1/15	52.3	0.0	N/A	61.4	0.1	1.9	0.5	0.0	0	0.3	20.3
		7/28/15	56.8	0.0	N/A	57.4	0.0	2.3	2.2	0.0	0	0.3	20.2
		10/26/15	54.3	0.0	N/A	53.7	1.2	0.0	0.6	0.0	0	0.1	20.9
		2/2/16	56.2	0.0	N/A	54.8	0.0	0.0	0.0	0.0	0	0.1	20.9
		5/6/16	51.6	0.0	N/A	57.3	1.4	0.9	0.4	0.0	0	0.0	20.4
		7/28/16	65.0	0.0	N/A	65.0	0.0	4.4	1.6	0.0	0	0.8	20.4
		10/25/16	54.1	0.0	N/A	52.1	0.2	0.0	0.7	0.0	0	0.1	20.9
VMP-20	5	1/27/15	85.0	0.0	N/A	51.6	0.0	1.6	0.9	0.0	0	1.6	19.9
		4/27/15	63.3	0.0	N/A	67.5	3.3	1.7	0.5	0.0	0	2.4	17.8
		7/20/15	53.8	0.0	N/A	59.9	0.0	0.0	0.1	0.0	0	10.2	11.4
		10/20/15	53.7	0.0	N/A	49.1	0.0	0.0	0.5	0.0	0	4.2	17.2
		2/16/16[9]	65.7	0.0	N/A	57.9	0.0	0.0	0.4	0.0	0	1.2	18.9
		4/25/16	63.2	0.0	0.0	62.7	0.0	0.0	0.3	0.0	0	3.4	17.4
		7/22/16	59.3	0.0	N/A	51.9	0.0	0.0	0.6	0.0	0	10.4	10.3
		10/26/16	53.2	0.0	N/A	51.1	0.1	0.0	0.7	0.0	0	9.9	13.0
	10	1/27/15	53.0	0.0	N/A	50.0	0.0	1.3	1.1	0.0	0	3.1	18.9
		4/27/15	52.7	0.0	N/A	63.3	0.2	1.5	0.6	0.0	0	4.0	16.6
		7/20/15	54.5	0.0	N/A	57.5	0.0	0.0	0.1	0.0	0	12.3	7.9
		10/20/15	51.2	0.0	N/A	49.5	0.0	0.0	0.6	0.0	0	7.3	15.1
		2/16/16[9]	57.7	0.0	N/A	54.6	0.0	0.0	0.4	0.0	0	2.5	18.4
		4/25/16	61.5	0.0	0.0	64.4	0.0	0.0	0.4	0.0	0	4.2	15.9
		7/22/16	51.2	0.0	N/A	53.4	0.0	0.0	0.5	0.0	0	7.3	13.9
		10/26/16	54.7	0.0	N/A	50.7	0.0	0.0	0.6	0.0	0	11.1	11.3
	25	1/27/15	56.7	0.0	N/A	51.3	0.0	0.8	1.1	0.0	0	4.2	17.9
		4/27/15	52.4	0.0	N/A	54.9	0.0	1.2	0.7	0.0	0	2.7	18.6
		7/20/15	54.7	0.0	N/A	57.9	0.0	0.0	0.0	0.0	0	4.3	15.4
		10/20/15	52.1	0.0	N/A	47.8	0.0	0.0	0.5	0.0	0	5.9	15.8
		2/2/16	70.7	0.0	N/A	51.6	0.0	0.0	0.2	0.0	0	3.5	18.1
		4/25/16	72.5	0.0	0.0	57.4	0.0	0.0	0.4	0.0	0	2.7	18.6
		7/22/16	55.3	0.0	N/A	53.4	0.0	0.0	0.4	0.0	0	1.7	18.4
		10/26/16	54.9	0.0	N/A	51.2	0.0	0.0	0.4	0.0	0	5.9	14.5
	39.5	1/27/15	56.9	0.0	N/A	51.5	0.0	1.8	1.2	0.0	0	10.2	2.6
		4/27/15	55.8	0.0	N/A	59.5	0.0	1.7	0.8	0.0	0	9.5	2.4
		7/20/15	58.9	0.0	N/A	63.2	0.0	0.0	1.6	0.0	0	9.5	1.5
		10/20/15	50.9	0.0	N/A	49.9	0.1	0.0	0.6	0.0	0	8.0	8.3
		2/2/16	52.1	0.0	N/A	55.8	0.0	0.0	0.0	0.0	0	7.2	15.9
		4/25/16	63.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/22/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-21	5	1/27/15	54.2	0.0	N/A	53.0	0.0	1.5	1.1	0.0	0	0.6	20.7
		4/27/15	59.6	0.0	N/A	55.0	0.0	1.3	0.5	0.0	0	1.6	19.5
		7/20/15	58.9	0.0	N/A	61.4	0.0	0.0	0.1	0.0	0	4.8	17.1
		10/23/15	51.1	0.0	N/A	53.1	0.0	0.0	0.4	0.0	0	0.7	20.5
		1/26/16	61.2	0.0	N/A	70.9	0.0	0.0	0.0	0.0	0	0.4	20.8
		4/27/16	55.3	0.0	N/A	56.1	0.0	0.0	0.6	0.0	0	1.5	19.2
		7/26/16	55.6	0.0	N/A	52.8	0.0	0.0	0.1	0.0	0	3.6	12.4
		10/24/16	67.9	0.0	N/A	59.7	0.0	0.0	0.6	0.0	0	1.5	20.1
	10	1/27/15	65.8	0.0	N/A	57.5	0.0	1.0	0.9	0.0	0	2.1	19.2
		4/27/15	56.8	0.0	N/A	61.6	0.0	1.2	0.6	0.0	0	1.9	18.5
		7/20/15	56.0	0.0	N/A	57.4	0.0	0.0	0.1	0.0	0	4.9	15.0
		10/23/15	65.8	0.0	N/A	50.9	0.5	0.0	0.6	0.0	0	2.8	18.8
		1/26/16	61.5	0.0	N/A	61.5	0.0	0.0	0.0	0.0	0	2.0	18.7
		4/27/16	53.7	0.0	N/A	54.6	0.0	0.0	0.6	0.0	0	2.0	18.9
		7/26/16	56.8	0.0	N/A	53.0	0.0	0.0	0.1	0.0	0	3.6	16.2
		10/24/16	54.0	0.0	N/A	55.6	0.0	0.0	0.6	0.0	0	3.8	18.2
	25	1/27/15	55.4	0.0	N/A	50.9	0.0	0.6	1.2	0.0	0	2.4	19.2
		4/27/15	62.9	0.0	N/A	54.3	0.0	1.1	0.8	0.0	0	1.4	19.6
		7/20/15	50.1	0.0	N/A	57.8	0.0	0.0	0.1	0.0	0	2.3	17.5
		10/23/15	51.5	0.0	N/A	54.7	0.0	0.0	0.6	0.0	0	3.2	18.7
		1/26/16	75.3	0.0	N/A	73.2	0.0	0.0	0.1	0.0	0	1.8	19.9
		4/27/16	51.5	0.0	N/A	56.4	0.0	0.0	0.8	0.0	0	1.4	19.8
		7/26/16	61.8	0.0	N/A	54.2	0.0	0.0	0.1	0.0	0	2.1	17.5
		10/24/16	57.5	0.0	N/A	56.4	0.0	0.0	0.4	0.0	0	3.7	18.2
	33	1/27/15	53.5	0.0	N/A	52.1	0.0	0.6	1.1	0.0	0	3.9	18.2
		4/27/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/20/15	50.9	0.0	N/A	52.6	0.0	0.0	0.1	0.0	0	2.8	16.6
		10/23/15	56.7	0.0	N/A	50.4	0.0	0.0	0.8	0.0	0	4.1	17.6
		1/26/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/16	50.1	3.9	0.0	55.4	0.3	0.0	0.7	0.0	0	2.2	19.2
		7/26/16	51.9	0.0	N/A	56.3	0.0	0.0	0.1	0.0	0	2.4	16.8
		10/24/16	54.9	0.0	N/A	57.1	0.0	0.0	0.5	0.0	0	4.0	17.5
VMP-22	5	1/27/15	52.6	0.0	N/A	50.6	0.0	1.8	1.0	0.0	0	0.2	20.8
		4/27/15	55.3	0.0	N/A	53.2	0.1	1.7	0.4	0.0	0	0.3	20.9
		7/20/15	61.4	0.0	N/A	61.0	0.0	0.0	0.2	0.0	0	0.8	19.9
		10/23/15	57.7	0.0	N/A	50.5	7.2	0.0	1.0	0.0	0	0.2	20.9
		1/26/16	69.3	0.0	N/A	53.1	0.0	0.0	0.1	0.0	0	0.1	20.9
		4/26/16	53.7	0.0	N/A	51.2	0.0	0.0	0.3	0.0	0	0.2	20.7
		7/22/16	59.0	0.0	N/A	53.8	0.0	0.2	0.3	0.0	0	0.8	19.0
		10/27/16	55.0	0.0	N/A	58.2	0.0	0.0	0.3	0.0	0	0.4	20.8
	10	1/27/15	52.5	0.0	N/A	51.7	0.0	1.2	1.3	0.0	0	0.2	20.8
		4/27/15	56.5	0.0	N/A	52.3	0.0	1.1	0.6	0.0	0	0.0	20.9
		7/20/15	73.9	0.0	N/A	63.8	0.1	0.1	0.1	0.0	0	1.0	20.0
		10/23/15	53.6	0.0	N/A	54.2	0.1	0.0	0.9	0.0	0	0.4	20.7
		1/26/16	58.6	0.0	N/A	54.5	0.0	0.0	0.2	0.0	0	0.1	20.9
		4/26/16	52.7	0.0	N/A	51.1	0.0	0.0	0.5	0.0	0	0.2	20.8
		7/22/16	57.2	0.0	N/A	57.6	0.0	0.0	0.1	0.0	0	0.9	19.0
		10/27/16	56.5	0.0	N/A	56.9	1.7	0.0	0.3	0.0	0	0.5	20.3

TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-22	18	1/27/15	56.4	0.0	N/A	51.2	0.0	1.0	1.3	0.0	0	0.4	20.8
		4/27/15	56.6	0.4	N/A	55.3	0.2	1.2	0.7	0.0	0	0.0	20.9
		7/20/15	60.5	0.0	N/A	62.7	0.1	0.0	0.1	0.1	0	1.0	19.9
		10/23/15	51.6	0.0	N/A	51.0	0.2	0.0	1.0	0.0	0	0.5	20.6
		1/26/16	56.7	0.0	N/A	53.3	0.0	0.0	0.2	0.0	0	0.4	20.9
		4/26/16	54.1	0.0	N/A	51.5	0.1	0.0	0.5	0.0	0	0.2	20.7
		7/22/16	53.9	0.0	N/A	53.6	0.0	0.0	0.2	0.0	0	0.9	19.1
		10/27/16	56.9	0.0	N/A	50.0	0.0	0.0	0.3	0.0	0	0.1	20.5
	38	1/27/15	53.0	0.0	N/A	54.3	0.0	1.1	1.5	0.0	0	2.3	19.7
		4/27/15	54.6	0.1	N/A	56.8	0.1	1.2	0.7	0.0	0	1.2	19.6
		7/20/15	59.4	0.0	N/A	70.0	0.0	0.0	0.1	0.0	0	1.7	18.8
		10/23/15	52.1	0.0	N/A	53.3	0.0	0.0	0.7	0.0	0	2.2	19.4
		1/26/16	58.1	0.0	N/A	53.8	0.0	0.0	0.2	0.0	0	0.4	20.9
		2/4/16[9]	57.8	0.0	N/A	58.0	0.6	0.0	0.3	0.0	0	2.1	19.5
		4/26/16	52.4	0.0	N/A	53.8	0.0	0.0	0.5	0.0	0	0.7	20.1
		7/22/16	58.2	0.0	N/A	55.6	0.0	0.0	0.2	0.0	0	1.2	18.6
		10/27/16	54.9	0.1	N/A	58.7	0.2	0.0	0.2	0.0	0	1.7	19.8
VMP-23	5	1/27/15	56.4	0.0	N/A	55.1	0.2	2.2	1.5	0.0	0	0.3	20.7
		4/27/15	56.8	0.0	N/A	54.7	0.1	2.5	1.0	0.0	0	0.2	20.4
		7/20/15	59.8	0.0	N/A	54.7	0.0	0.0	0.2	0.1	0	1.6	19.4
		10/26/15	59.2	0.0	N/A	56.2	0.0	0.0	0.3	0.0	0	0.4	20.9
		1/25/16	56.6	0.0	N/A	53.4	0.0	0.0	0.2	0.0	0	0.1	20.9
		6/28/16	71.7	0.0	N/A	55.3	0.3	0.0	0.3	0.0	0	0.1	20.8
		7/22/16	56.2	0.0	N/A	56.0	0.0	0.0	0.3	0.0	0	1.3	18.3
		10/19/16	55.5	0.0	N/A	51.0	0.0	0.0	0.3	0.0	0	1.2	20.0
	10	1/27/15	52.8	0.0	N/A	54.3	0.0	1.4	0.9	0.0	0	0.2	20.9
		4/27/15	59.8	0.0	N/A	57.7	0.1	2.1	2.6	0.0	0	0.3	20.4
		7/20/15	57.4	0.0	N/A	61.3	0.1	0.0	0.3	0.0	0	0.9	20.2
		10/26/15	66.2	0.0	N/A	53.9	0.0	0.0	0.3	0.0	0	0.3	20.9
		1/25/16	57.4	0.0	N/A	52.6	0.0	0.0	0.2	0.0	0	0.0	20.9
		6/28/16	50.1	0.0	N/A	56.1	0.0	0.0	0.3	0.0	0	0.1	20.8
		7/22/16	56.1	0.0	N/A	51.7	0.0	0.0	0.4	0.0	0	0.7	19.0
		10/19/16	52.2	0.0	N/A	50.2	0.0	0.0	0.0	0.0	0	0.9	20.3
	25	1/27/15	57.0	0.0	N/A	50.1	0.2	1.0	1.9	0.0	0	0.8	20.2
		4/27/15	60.2	0.1	N/A	60.8	0.1	1.5	0.9	0.0	0	0.4	20.1
		7/20/15	58.2	0.0	N/A	58.0	0.0	0.0	0.2	0.0	0	1.0	19.9
		10/26/15	69.9	0.0	N/A	57.9	0.0	0.0	0.4	0.0	0	1.1	20.7
		1/25/16	60.9	0.0	N/A	51.1	0.0	0.0	0.2	0.0	0	0.7	20.5
		6/28/16	53.8	0.0	N/A	54.7	0.1	0.0	0.5	0.0	0	0.8	20.2
		7/22/16	52.8	0.0	N/A	62.0	0.0	0.0	0.3	0.0	0	1.1	19.0
		10/19/16	53.6	0.0	N/A	52.6	0.0	0.0	0.0	0.0	0	2.1	19.0
	40	1/27/15	53.6	0.0	N/A	50.9	0.0	1.0	2.1	0.0	0	3.2	18.9
		4/27/15	70.3	0.0	N/A	66.1	0.1	2.0	1.0	0.0	0	2.4	18.3
		7/20/15	53.7	0.0	N/A	58.0	0.0	0.0	0.2	0.0	0	2.6	18.6
		10/26/15	59.5	0.0	N/A	51.1	0.0	0.0	0.3	0.0	0	3.2	18.8
		1/25/16	67.7	0.0	N/A	54.1	0.0	0.0	0.2	0.0	0	3.2	18.9
		6/28/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/22/16	52.7	0.0	N/A	59.6	0.0	0.0	0.6	0.0	0	2.1	18.0
		10/19/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-24	5	2/2/15	51.2	0.0	N/A	50.0	0.0	1.7	1.1	0.0	0	1.2	20.4
		4/27/15	61.5	0.0	N/A	62.9	0.0	2.2	0.7	0.0	0	0.6	20.1
		7/21/15	56.1	0.0	N/A	56.7	0.0	0.0	0.4	0.0	0	1.8	18.3
		10/29/15	53.1	0.0	N/A	51.9	0.1	0.0	0.3	0.0	0	1.6	20.7
		1/27/16	63.4	0.0	N/A	57.8	0.0	0.0	0.2	0.0	0	1.5	19.7
		4/29/16	54.2	0.0	N/A	54.2	0.0	0.0	0.5	0.0	0	0.7	20.0
		7/27/16	55.1	0.0	N/A	53.5	0.0	0.0	0.0	0.0	0	3.3	17.1
		10/28/16	69.2	0.0	N/A	61.5	0.0	0.0	0.4	0.0	0	3.2	18.0
	10	2/2/15	54.5	0.0	N/A	51.8	0.0	1.2	1.2	0.0	0	2.1	19.6
		4/27/15	70.0	0.0	N/A	58.5	0.1	1.8	0.6	0.0	0	1.5	19.2
		7/21/15	54.5	0.0	N/A	59.1	0.0	0.0	0.4	0.0	0	3.0	16.5
		10/29/15	53.5	0.0	N/A	51.9	0.1	0.0	0.3	0.0	0	3.7	18.4
		1/27/16	55.3	0.0	N/A	51.8	0.0	0.0	0.3	0.0	0	3.8	18.0
		4/29/16	53.2	0.0	N/A	55.5	0.0	0.0	0.5	0.0	0	2.1	18.7
		7/27/16	61.4	0.0	N/A	54.0	0.0	0.0	0.0	0.0	0	4.1	16.4
		10/28/16	58.7	0.0	N/A	51.8	0.0	0.0	0.5	0.0	0	4.5	16.5
	22	2/2/15	62.1	0.2	N/A	50.0	1.3	1.4	1.4	0.0	0	3.6	18.8
		4/27/15	65.1	0.0	N/A	60.9	0.0	1.8	0.9	0.0	0	2.9	18.2
		8/24/15[9]	63.2	1.0	N/A	58.2	4.1	0.0	0.2	0.0	0	1.8	18.1
		10/29/15	52.3	2.2	N/A	53.8	2.8	0.0	0.3	0.0	0	1.8	19.7
		1/27/16	60.2	0.0	N/A	53.1	0.0	0.0	0.1	0.0	0	2.7	19.1
		4/29/16	54.8	0.0	N/A	56.0	0.7	0.0	0.4	0.0	0	1.3	19.5
		7/27/16	52.2	0.0	N/A	53.9	0.0	0.0	0.0	0.0	0	3.7	17.1
		10/28/16	54.7	0.0	N/A	51.1	0.0	0.0	0.6	0.0	0	2.3	18.9
	34	2/2/15	58.2	0.0	N/A	56.9	0.1	1.2	1.4	0.0	0	2.2	19.8
		4/27/15	57.4	0.0	N/A	57.5	0.0	1.9	1.1	0.0	0	1.5	19.2
		7/21/15	55.5	0.0	N/A	63.4	0.2	0.0	0.4	0.0	0	2.7	16.5
		10/29/15	54.7	0.0	N/A	59.5	0.0	0.0	0.3	0.0	0	3.8	18.2
		1/27/16	63.6	0.0	N/A	51.4	0.0	0.0	0.2	0.0	0	3.7	18.2
		4/29/16	53.9	0.0	N/A	56.9	0.0	0.0	0.2	0.0	0	1.7	19.0
		7/27/16	53.5	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	4.2	16.5
		10/28/16	57.7	0.0	N/A	50.2	0.0	0.0	0.7	0.0	0	5.1	16.5
VMP-25	5	2/11/15	54.4	0.0	N/A	51.5	0.0	0.6	2.0	0.0	0	4.4	12.5
		5/7/15	53.6	0.0	N/A	52.7	0.0	1.8	1.5	0.0	0	9.5	6.7
		7/30/15	55.1	0.0	N/A	53.8	0.0	0.0	0.5	0.0	0	12.0	6.5
		11/5/15	89.4	0.0	N/A	67.0	0.0	0.0	0.5	0.0	0	8.8	4.0
		2/16/16	61.1	0.0	N/A	58.7	0.0	0.0	0.3	0.0	0	4.1	13.3
		5/4/16	73.5	0.0	N/A	69.1	0.0	322	20.9	0.0	0	4.7	5.9
		8/3/16	53.4	0.0	N/A	50.9	0.0	0.0	0.0	0.0	0	9.0	5.7
		10/31/16	55.5	0.0	N/A	48.4	0.0	0.0	0.5	0.0	0	5.7	9.9
	9.5	2/11/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/7/15[11]	NS	NS	NS	NS	NS	N/A	N/A	NS	NS	NS	NS
		7/30/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/5/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/16/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/4/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/31/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-25	21	2/11/15	54.5	1.2	41.1	52.6	0.8	76600	113	40.3	OVR	15.3	0.6
		5/7/15	58.2	1.1	29.9	52.9	0.7	10100	90.1	29.2	OVR	12.7	1.4
		7/30/15	57.1	0.0	N/A	53.9	0.0	101000	72.4	37.0	OVR	13.4	0.6
		11/5/15	63.0	0.4	12.5	59.6	0.6	54080	152	15.7	OVR	13.0	1.0
		2/16/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/4/16	62.0	0.2	N/A	72.5	0.1	87.8	30.6	0.0	0	0.4	20.2
		8/3/16	56.1	0.2	0.0	56.4	0.8	0.0	0.0	0.0	0	0.5	18.5
		10/31/16	56.6	0.2	N/A	54.2	0.5	0.0	0.9	0.0	0	0.8	19.9
	31	2/11/15	52.5	1.2	20.9	55.2	1.0	77400	111	39.0	OVR	14.7	1.1
		5/7/15	56.5	1.1	25.2	55.3	0.8	10300	90.3	28.2	OVR	12.5	1.6
		7/30/15	51.1	1.4	N/A	53.7	1.9	96830	70.2	36.1	OVR	12.8	1.2
		11/5/15	72.7	0.3	13.6	52.4	0.6	52220	165	15.2	OVR	12.8	1.2
		2/16/16	77.4	0.0	N/A	54.7	0.9	29830	173	9.4	OVR	10.6	1.5
		5/4/16	66.1	0.1	N/A	51.6	0.3	40100	154	13.7	OVR	11.9	3.3
		8/3/16	51.6	0.0	N/A	55.4	0.0	3780	16.2	0.4	7	7.4	6.6
		10/31/16	57.0	1.2	N/A	50.0	1.0	113000	73.3	32.8	OVR	13.0	4.0
VMP-29	10	2/5/15	68.3	0.0	N/A	58.8	0.0	1.0	2.4	0.0	0	0.1	20.8
		5/6/15	53.6	0.1	N/A	76.6	0.1	1.1	1.3	0.0	0	0.0	20.8
		7/27/15	73.8	0.0	N/A	50.0	0.1	1.0	0.5	0.0	0	0.2	20.7
		10/30/15	72.5	0.0	N/A	74.8	0.1	0.3	0.4	0.0	0	0.0	20.9
		1/27/16	53.3	0.0	N/A	52.0	0.0	0.0	0.2	0.0	0	0.1	20.9
		5/2/16	62.5	0.0	N/A	60.5	0.0	0.0	0.0	0.0	0	0.3	20.6
		7/28/16	53.1	0.0	N/A	52.6	0.0	0.0	0.5	0.0	0	0.5	20.0
		12/9/16[9]	55.0	0.0	N/A	50.0	0.0	0.0	0.6	0.0	0	0.2	20.4
	18	2/5/15	58.6	0.0	N/A	55.4	0.1	0.8	2.5	0.0	0	0.1	20.8
		5/6/15	54.2	0.0	N/A	52.5	0.1	3.7	1.9	0.0	0	0.0	20.8
		7/27/15	77.2	0.0	N/A	70.2	0.0	1.6	0.5	0.0	0	0.1	20.7
		10/30/15	74.8	0.1	N/A	63.4	0.0	0.3	0.9	0.0	0	0.0	20.9
		2/4/16[7]	50.5	0.0	N/A	53.0	0.2	0.0	0.5	0.0	0	0.1	20.2
		5/2/16	60.8	0.0	N/A	64.8	0.0	0.0	0.2	0.0	0	0.3	20.6
		7/28/16	53.4	0.0	N/A	61.0	0.0	1.6	1.4	0.0	0	0.4	19.8
		11/3/16	58.7	0.0	N/A	58.6	0.0	0.0	0.3	0.0	0	0.1	20.7
	26	2/6/15	56.6	0.0	N/A	59.3	0.0	1.7	1.2	0.0	0	0.2	20.8
		5/6/15	52.4	0.0	N/A	67.4	0.1	0.9	1.3	0.0	0	0.0	20.8
		8/3/15[7]	53.4	0.0	N/A	52.1	0.1	0.0	1.1	0.0	0	0.1	20.9
		10/30/15	73.4	0.0	N/A	68.3	0.0	0.0	0.2	0.0	0	0.2	20.6
		1/27/16	50.9	0.0	N/A	52.7	0.0	0.0	0.2	0.0	0	0.1	19.6
		5/2/16	60.3	0.0	N/A	62.3	0.0	0.0	0.2	0.0	0	0.3	20.6
		7/28/16	56.5	0.0	N/A	52.4	0.0	3.1	2.4	0.0	0	0.2	20.0
		11/3/16	60.0	0.0	N/A	55.9	0.6	0.8	0.4	0.0	0	0.4	20.5
	40	2/5/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/6/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/27/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/27/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/2/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/28/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-30	10	2/6/15	55.9	0.0	N/A	57.9	0.0	1.0	1.2	0.0	0	0.1	20.8
		5/5/15	51.6	0.0	N/A	51.3	0.2	3.0	1.4	0.0	0	0.0	20.8
		7/27/15	56.7	0.0	N/A	58.0	0.0	0.7	0.4	0.0	0	0.2	20.6
		10/30/15	58.5	0.0	N/A	70.2	0.0	0.0	0.4	0.0	0	0.0	20.9
		2/4/16	62.6	0.0	N/A	50.7	0.0	0.0	0.3	0.0	0	0.1	20.9
		5/2/16	54.6	0.0	N/A	50.6	0.0	0.0	0.2	0.0	0	0.1	20.9
		7/28/16	53.3	0.0	N/A	50.6	0.1	0.2	0.4	0.0	0	0.0	20.8
		11/3/16	74.2	0.0	N/A	54.7	0.0	0.5	0.4	0.0	0	0.1	20.7
	18	2/6/15	57.6	0.0	N/A	57.7	0.0	1.1	1.3	0.0	0	0.1	20.9
		5/5/15	51.8	0.5	N/A	50.9	1.2	3.1	1.6	0.0	0	0.0	20.6
		7/27/15	60.9	0.3	N/A	60.5	0.1	4.0	1.6	0.0	0	0.1	20.7
		10/30/15	72.5	0.0	N/A	64.1	0.0	0.0	0.6	0.0	0	0.0	20.9
		1/27/16	54.9	0.0	N/A	53.5	0.0	0.0	0.2	0.0	0	0.1	20.9
		5/2/16	53.9	0.0	N/A	51.1	0.0	0.0	0.3	0.0	0	0.1	20.9
		7/28/16	51.9	0.0	N/A	55.8	0.4	3.0	1.3	0.0	0	0.1	20.3
		11/3/16	64.0	0.0	N/A	57.2	0.0	0.6	0.5	0.0	0	0.2	20.6
	26	2/6/15	67.2	0.0	N/A	52.2	0.0	1.7	1.4	0.0	0	0.1	20.8
		5/5/15	53.8	1.5	N/A	52.1	2.2	3.8	2.2	0.0	0	0.0	20.5
		7/27/15	62.3	0.1	N/A	53.8	0.0	4.0	1.2	0.0	0	0.1	20.8
		10/30/15	61.5	0.0	N/A	58.4	0.5	0.0	0.4	0.0	0	0.0	20.9
		1/27/16	50.3	0.0	N/A	51.1	0.2	0.0	0.4	0.0	0	0.1	20.9
		5/2/16	60.8	0.0	N/A	59.7	0.1	0.2	1.4	0.0	0	0.1	20.9
		7/28/16	53.4	0.0	N/A	51.0	0.0	7.2	5.2	0.0	0	0.1	20.2
		11/3/16	57.0	0.0	N/A	54.3	0.0	2.1	0.8	0.0	0	0.1	20.8
	40	2/6/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/5/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/27/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/27/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/2/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/28/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-32	5	2/10/15	53.8	0.0	N/A	50.1	0.0	2.0	0.8	0.0	0	0.2	20.6
		5/12/15[8]	NS	NS	NS	NS	NS	N/A	N/A	NS	NS	NS	NS
		9/24/15[9]	66.9	0.0	N/A	55.9	0.0	0.0	0.1	0.0	0	0.4	20.5
		11/4/15	63.7	0.0	N/A	63.7	0.0	0.0	0.5	0.0	0	0.4	20.4
		1/26/16	58.2	0.0	N/A	51.6	0.0	0.0	0.1	0.0	0	0.7	19.4
		4/27/16	56.0	0.0	N/A	55.9	0.1	0.0	0.5	0.0	0	0.9	20.0
		7/26/16	52.6	0.0	N/A	50.5	0.1	0.0	0.7	0.0	0	2.0	18.0
		10/27/16	59.3	0.0	N/A	52.1	0.0	0.0	0.4	0.0	0	1.7	18.7
	10	2/10/15	54.3	0.1	N/A	52.6	0.1	1.2	0.7	0.0	0	0.7	20.6
		5/11/15	55.5	1.6	N/A	53.4	3.3	2.0	1.1	0.0	0	1.0	19.0
		5/29/15[9]	54.3	0.0	N/A	50.0	0.0	0.3	0.8	0.0	0	1.3	19.2
		7/31/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/4/15	59.0	0.0	N/A	64.5	0.0	0.0	0.7	0.0	0	1.0	20.0
		1/26/16	63.5	0.0	N/A	50.1	0.0	0.0	0.1	0.0	0	0.7	19.5
		4/27/16	51.1	0.0	N/A	63.8	0.3	0.0	0.7	0.0	0	0.9	20.0
		7/26/16	58.5	0.0	N/A	51.0	0.1	0.0	0.7	0.0	0	1.3	19.2
		10/27/16	53.1	0.0	N/A	50.4	0.0	0.0	0.5	0.0	0	1.6	18.9

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-32	20	2/10/15	54.0	0.0	N/A	52.1	0.0	1.3	0.7	0.0	0	1.2	20.2
		5/11/15	55.6	0.0	N/A	55.2	1.4	3.1	1.6	0.0	0	0.9	19.2
		8/3/15[7]	56.0	0.5	N/A	53.5	1.6	0.1	0.1	0.0	0	0.2	20.1
		11/4/15	69.4	0.0	N/A	66.0	0.1	0.0	0.6	0.0	0	0.4	20.4
		2/16/16[9]	63.1	0.0	N/A	53.1	0.1	0.0	0.2	0.0	0	0.2	20.7
		4/27/16	52.1	0.0	N/A	51.5	3.5	0.2	0.5	0.0	0	0.2	20.2
		7/26/16	64.9	0.0	N/A	52.1	0.0	0.0	0.7	0.0	0	1.0	18.5
		8/29/16[9]	63.3	0.0	N/A	54.1	1.4	10.0	10.3	0.0	0	1.6	18.7
		10/27/16	56.0	0.0	N/A	52.6	0.4	0.3	0.4	0.0	0	0.2	20.4
	30	2/10/15	53.1	0.1	N/A	50.1	0.1	1.5	1.1	0.0	0	2.0	19.3
		5/5/15	53.0	0.6	N/A	52.8	1.0	1.7	1.4	0.0	0	1.1	19.4
		8/24/15[7]	51.3	0.0	N/A	57.7	1.7	0.0	0.8	0.0	0	1.2	18.8
		11/4/15	56.5	0.1	N/A	62.8	0.4	0.0	0.6	0.0	0	0.9	19.9
		2/2/16[7]	67.9	0.0	N/A	51.9	1.7	0.0	0.2	0.0	0	0.7	20.1
		4/27/16	54.5	2.0	N/A	52.8	2.0	0.1	0.6	0.0	0	0.6	20.0
		7/26/16	53.7	0.0	N/A	50.2	0.1	0.0	0.7	0.0	0	1.7	18.0
		10/27/16	53.7	0.4	N/A	53.6	0.9	0.0	0.5	0.0	0	1.3	19.1
VMP-41	10	2/4/15	54.6	0.0	N/A	56.5	0.0	0.5	0.8	0.0	0	0.1	20.6
		4/30/15	51.8	0.0	N/A	51.2	0.0	2.1	1.6	0.0	0	0.2	20.9
		7/28/15	58.0	0.0	N/A	57.5	0.0	0.0	0.6	0.0	0	0.5	20.7
		11/2/15	52.4	0.0	N/A	53.7	0.0	0.0	0.3	0.0	0	0.1	20.5
		1/27/16	54.3	0.0	N/A	54.6	0.5	0.0	0.1	0.0	0	0.1	20.9
		5/2/16	51.5	0.0	N/A	55.6	0.0	0.0	0.0	0.0	0	0.6	20.5
		7/28/16	74.5	0.0	N/A	64.7	0.6	0.0	0.0	0.0	0	0.9	18.3
		10/19/16	56.8	0.0	N/A	56.5	0.0	0.0	0.6	0.0	0	0.5	20.8
	20	2/4/15	52.9	0.0	N/A	54.5	0.0	0.6	0.9	0.0	0	0.1	20.7
		4/30/15	53.7	0.1	N/A	52.6	0.2	1.6	1.5	0.0	0	0.1	20.9
		7/28/15	52.5	0.0	N/A	52.1	0.0	0.0	0.8	0.0	0	0.6	20.5
		11/2/15	51.7	0.0	N/A	50.7	0.0	0.0	0.2	0.0	0	0.3	20.7
		1/27/16	55.0	0.0	N/A	51.7	2.7	0.0	0.0	0.0	0	0.2	20.9
		5/2/16	51.6	0.0	N/A	55.8	0.0	0.0	0.1	0.0	0	0.3	20.7
		7/28/16	57.5	0.0	N/A	56.1	0.1	0.0	0.0	0.0	0	0.8	18.3
		10/19/16	55.2	0.0	N/A	54.4	0.0	0.0	0.7	0.0	0	0.8	20.7
	26	2/4/15	56.1	0.0	N/A	50.2	0.0	0.4	1.0	0.0	0	0.2	20.5
		4/30/15	51.7	1.1	N/A	58.5	0.1	2.0	1.6	0.0	0	0.1	20.9
		7/28/15	57.9	0.0	N/A	51.2	0.0	0.0	0.6	0.0	0	0.5	20.3
		11/2/15	52.6	0.0	N/A	55.4	0.0	0.0	0.2	0.0	0	0.6	20.5
		1/27/16	70.7	0.1	N/A	55.4	0.1	0.0	0.0	0.0	0	0.4	20.9
		5/2/16	52.8	0.0	N/A	54.3	0.0	0.0	0.1	0.0	0	0.4	20.8
		7/28/16	64.4	0.0	N/A	55.0	3.4	0.0	0.0	0.0	0	0.5	18.0
		10/19/16	57.5	0.0	N/A	51.2	0.0	0.0	0.5	0.0	0	1.4	20.8
VMP-42	10	2/3/15	52.6	0.0	N/A	51.3	0.0	0.6	0.9	0.0	0	0.2	20.5
		4/29/15	63.4	0.0	N/A	54.7	0.1	0.9	1.0	0.0	0	0.6	20.2
		7/21/15	55.6	0.0	N/A	56.0	0.1	0.0	0.4	0.0	0	0.8	19.1
		10/27/15	54.2	0.0	N/A	50.0	0.0	0.0	0.9	0.0	0	0.5	20.6
		2/1/16	51.3	0.0	N/A	51.5	0.0	0.0	0.2	0.0	0	0.1	20.9
		4/26/16	51.2	0.0	N/A	60.0	0.3	0.0	0.0	0.0	0	0.2	20.6
		7/26/16	52.4	0.0	N/A	51.5	0.0	0.0	0.1	0.0	0	1.2	19.1
		10/27/16	72.9	0.0	N/A	69.3	0.0	0.0	0.4	0.0	0	1.0	20.8

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-42	20	2/3/15	51.5	0.0	N/A	51.8	0.0	0.3	1.0	0.0	0	0.9	20.1
		4/29/15	63.4	0.0	N/A	55.8	0.0	0.7	1.3	0.0	0	0.7	19.5
		7/21/15	58.0	0.0	N/A	54.3	0.1	0.0	0.3	0.0	0	2.7	16.8
		10/27/15	55.4	0.0	N/A	51.7	0.0	0.0	0.6	0.0	0	2.2	19.5
		2/1/16	51.6	0.0	N/A	52.2	0.8	0.0	0.4	0.0	0	0.0	20.9
		4/26/16	51.6	0.0	N/A	51.1	0.0	0.0	0.0	0.0	0	0.6	19.7
		7/26/16	54.9	0.0	N/A	51.0	0.0	0.0	0.1	0.0	0	1.5	18.8
		10/27/16	53.9	0.0	N/A	50.5	0.0	0.0	0.4	0.0	0	2.7	19.3
	30	2/3/15	54.6	0.0	N/A	55.6	0.0	0.2	1.2	0.0	0	1.1	19.8
		4/29/15	55.4	0.0	N/A	61.7	0.0	1.1	1.2	0.0	0	0.7	19.5
		7/21/15[9]	53.9	0.0	N/A	53.6	0.1	0.0	0.4	0.0	0	1.5	18.2
		10/27/15	58.7	0.0	N/A	51.5	0.0	0.0	0.7	0.0	0	1.9	20.1
		2/1/16	54.5	0.0	N/A	52.8	0.0	0.0	0.3	0.0	0	0.9	20.8
		4/26/16	50.6	0.0	N/A	52.9	0.0	0.0	0.0	0.0	0	0.5	20.2
		7/26/16	51.7	0.0	N/A	50.2	0.2	0.0	0.1	0.0	0	1.0	19.1
		10/27/16	52.6	0.0	N/A	51.3	0.1	0.0	0.6	0.0	0	2.5	19.5
VMP-43	10	2/10/15	60.4	0.1	N/A	50.5	0.3	1.4	1.0	0.0	0	0.1	20.9
		5/5/15	53.1	0.0	N/A	50.7	1.0	1.5	1.3	0.0	0	0.3	19.9
		7/21/15	53.3	0.0	N/A	67.3	0.0	0.0	0.2	0.0	0	0.5	19.5
		10/29/15	61.2	0.0	N/A	53.8	0.3	0.0	0.3	0.0	0	0.2	20.9
		2/1/16	55.7	0.0	N/A	61.9	0.1	0.0	0.0	0.0	0	0.0	20.7
		4/27/16	55.6	0.0	N/A	50.8	0.0	0.1	0.5	0.0	0	0.2	20.5
		7/27/16	54.4	0.0	N/A	50.5	0.0	0.0	0.4	0.0	0	0.6	20.0
		10/26/16	58.3	0.0	N/A	52.6	0.0	0.0	0.6	0.0	0	0.1	20.8
	20	2/12/15	53.6	0.0	N/A	59.6	0.0	1.6	1.0	0.0	0	0.1	20.7
		5/5/15	54.1	0.0	N/A	56.4	0.1	2.2	1.4	0.0	0	0.1	20.6
		7/21/15	51.9	0.0	N/A	52.4	0.1	0.0	0.4	0.0	0	0.6	19.7
		10/29/15	74.9	0.0	N/A	59.0	0.2	0.0	0.3	0.0	0	0.3	20.9
		2/1/16	58.7	0.0	N/A	53.8	0.1	0.0	0.1	0.0	0	0.3	20.6
		4/27/16	57.6	0.0	N/A	58.6	0.2	0.0	0.6	0.0	0	0.4	20.2
		7/27/16	51.4	0.0	N/A	55.4	0.4	0.0	0.2	0.0	0	0.6	19.7
		10/26/16	52.7	0.0	N/A	51.4	0.0	0.0	0.5	0.0	0	0.2	20.8
	30	2/17/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/5/15	51.8	0.1	N/A	59.0	0.1	2.7	1.9	0.0	0	0.2	20.6
		7/21/15	54.0	0.0	N/A	49.0	0.2	0.0	0.4	0.0	0	0.9	19.2
		10/29/15	60.6	0.1	N/A	57.2	0.0	0.0	0.3	0.0	0	0.2	20.9
		2/1/16	63.5	0.0	N/A	61.5	0.4	0.0	0.2	0.0	0	0.4	20.5
		4/27/16	52.7	0.0	N/A	52.8	0.0	0.0	0.6	0.0	0	0.2	19.2
		7/27/16	51.9	0.0	N/A	51.9	2.3	0.0	0.2	0.0	0	1.4	17.9
		10/26/16	54.6	0.0	N/A	54.1	0.0	0.0	0.5	0.0	0	0.3	20.6
VMP-44	10	2/4/15	52.9	0.0	N/A	52.0	0.0	0.8	0.9	0.0	0	0.4	20.7
		5/1/15	51.7	0.3	N/A	57.5	0.3	3.3	1.0	0.0	0	0.2	20.5
		7/24/15	62.4	0.0	N/A	54.1	0.3	0.7	0.6	0.0	0	2.2	18.7
		10/28/15	52.5	0.0	N/A	62.2	0.0	0.0	0.0	0.0	0	1.5	18.6
		1/25/16	55.7	0.0	N/A	52.9	0.2	1.0	0.2	0.0	0	0.3	20.5
		4/28/16	73.8	0.0	N/A	55.7	0.1	0.0	0.4	0.0	0	0.6	20.4
		7/27/16	57.0	0.0	N/A	56.9	0.0	1.2	0.3	0.0	0	3.3	11.8
		10/27/16	55.9	0.0	N/A	52.4	0.0	0.0	0.5	0.0	0	1.2	19.7

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-44	20	2/4/15	54.3	0.2	N/A	51.3	0.5	0.8	0.9	0.0	0	0.3	20.6
		5/11/15	53.3	0.0	N/A	55.6	0.0	1.8	0.7	0.0	0	0.8	19.3
		7/24/15	54.5	0.3	N/A	52.7	0.5	4.8	0.5	0.0	0	1.9	18.7
		10/28/15	55.7	0.0	N/A	76.9	0.0	0.0	0.0	0.0	0	1.2	18.8
		2/2/16[9]	67.6	0.0	N/A	50.7	0.0	0.0	0.0	0.0	0	0.3	20.5
		4/28/16	56.5	0.1	N/A	65.6	0.4	0.0	0.5	0.0	0	0.7	19.9
		7/27/16	57.4	0.0	N/A	52.6	2.9	0.8	0.5	0.0	0	2.7	12.3
		10/27/16	54.0	0.0	N/A	54.1	0.0	0.3	0.9	0.0	0	1.0	20.4
	30	2/4/15	56.3	0.3	N/A	56.9	0.4	0.6	1.0	0.0	0	0.3	20.6
		5/11/15	54.3	0.0	N/A	51.3	0.1	1.9	0.9	0.0	0	0.8	19.4
		7/24/15	60.8	0.2	N/A	56.9	0.3	2.9	0.5	0.0	0	1.8	18.8
		10/28/15	55.7	0.1	N/A	67.4	0.0	0.0	0.0	0.0	0	1.4	18.7
		1/25/16	56.3	0.0	N/A	51.4	0.0	1.0	0.2	0.0	0	0.2	20.7
		4/28/16	54.8	0.1	N/A	56.5	0.2	0.0	0.5	0.0	0	0.5	19.8
		5/5/16[9]	57.3	0.0	N/A	56.4	0.0	0.0	0.6	0.0	0	0.6	20.6
		7/27/16	56.8	0.1	N/A	59.6	0.5	1.4	0.5	0.0	0	2.5	11.6
		10/27/16	59.8	0.0	N/A	52.1	0.1	0.0	1.1	0.0	0	1.0	20.6
VMP-45	10	2/6/15	53.2	0.0	N/A	55.8	0.0	1.4	0.7	0.0	0	0.1	20.7
		4/29/15	51.3	0.0	N/A	55.6	0.1	2.1	1.7	0.0	0	0.1	20.9
		5/12/15[9]	55.1	0.0	N/A	52.2	0.2	0.8	0.8	0.0	0	0.1	20.7
		7/21/15	60.1	0.0	N/A	53.3	0.0	1.2	0.5	0.0	0	0.3	20.4
		10/28/15	62.2	0.0	N/A	58.6	0.1	0.0	0.1	0.0	0	0.0	20.8
		1/25/16	70.1	0.0	N/A	57.4	0.0	0.0	0.2	0.0	0	0.0	20.9
		3/9/16[12]	56.3	0.0	N/A	51.8	0.0	0.0	0.0	0.0	0	0.1	20.9
		4/28/16	50.8	0.0	N/A	52.8	0.2	0.0	0.3	0.0	0	0.1	20.7
		8/26/16[9]	63.4	0.0	N/A	59.0	0.1	0.0	0.0	0.0	0	0.2	20.6
		10/28/16	53.9	0.0	N/A	52.7	0.0	0.6	0.7	0.0	0	0.1	20.5
	20	2/6/15	56.7	0.0	N/A	54.3	0.2	1.5	0.8	0.0	0	0.1	20.6
		4/29/15	56.4	0.1	N/A	58.8	0.3	2.0	1.9	0.0	0	0.1	20.6
		7/21/15	50.5	0.0	N/A	57.9	0.3	0.0	0.5	0.0	0	0.4	20.2
		10/28/15	57.5	0.0	N/A	57.5	0.2	0.0	0.2	0.0	0	0.2	20.2
		1/25/16	59.2	0.0	N/A	60.5	0.0	0.0	0.2	0.0	0	0.1	20.9
		4/28/16	50.8	0.0	N/A	50.4	1.3	0.0	0.4	0.0	0	0.2	20.4
		7/27/16	50.8	0.0	N/A	50.8	0.7	0.0	0.7	0.0	0	0.4	19.4
		10/28/16	65.9	0.0	N/A	58.7	0.0	0.0	0.6	0.0	0	0.3	20.6
	30	2/6/15	54.5	0.2	N/A	57.0	0.3	1.4	1.5	0.0	0	0.8	20.1
		4/29/15	55.0	0.5	N/A	52.0	0.4	2.0	2.2	0.0	0	0.6	19.7
		7/21/15	56.7	0.5	N/A	52.8	1.0	0.0	0.7	0.0	0	1.2	19.2
		10/28/15	56.6	0.4	N/A	69.3	0.6	0.0	0.3	0.0	0	1.3	20.2
		1/25/16	56.1	0.3	N/A	58.4	0.7	0.0	0.2	0.0	0	1.2	19.4
		4/28/16	53.7	1.6	N/A	51.4	2.4	0.0	0.8	0.0	0	0.8	19.7
		7/27/16	52.9	0.2	N/A	56.7	0.3	0.0	0.7	0.0	0	1.3	18.4
		10/28/16	58.4	0.0	N/A	51.4	0.0	0.8	0.5	0.0	0	2.0	19.0
VMP-47	5	2/2/15	55.8	0.0	N/A	52.9	0.2	0.8	2.0	0.0	0	0.4	20.6
		4/28/15	56.1	0.2	N/A	50.6	0.0	1.4	0.8	0.0	0	0.9	20.2
		7/21/15	55.3	0.0	N/A	64.1	0.0	0.0	0.3	0.0	0	1.7	19.6
		10/27/15	54.2	0.0	N/A	57.8	0.0	0.0	0.6	0.0	0	0.2	20.9
		1/29/16	54.6	0.0	N/A	50.2	0.0	0.0	0.3	0.0	0	0.3	20.9
		4/25/16	53.4	0.0	N/A	52.9	0.0	0.0	0.2	0.0	0	0.7	20.2
		7/25/16	59.9	0.0	N/A	56.8	0.0	0.0	0.6	0.0	0	0.9	19.1
		10/26/16	54.6	0.0	N/A	51.2	0.0	0.0	0.7	0.0	0	0.3	20.5

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-47	10	2/2/15	61.6	0.0	N/A	52.7	0.0	2.0	3.2	0.1	1	0.5	20.6
		4/28/15	62.4	0.0	N/A	53.6	0.8	1.8	1.3	0.0	0	0.4	20.7
		7/21/15	65.7	0.0	N/A	59.6	0.1	0.0	0.4	0.0	0	1.1	20.0
		10/27/15	54.7	0.0	N/A	60.1	0.0	0.0	0.6	0.0	0	0.4	20.7
		1/29/16	54.7	0.4	0.0	53.3	0.0	0.0	0.3	0.0	0	0.3	20.9
		4/25/16	57.4	0.0	N/A	59.1	0.0	0.0	0.3	0.0	0	0.5	20.3
		8/2/16[9]	62.0	0.0	N/A	50.1	0.1	0.2	0.2	0.0	0	0.6	20.1
		10/26/16	62.1	0.0	N/A	52.0	0.1	0.0	0.6	0.0	0	0.1	20.7
	20	2/2/15	55.8	0.0	N/A	50.0	0.1	0.9	3.3	0.0	0	0.4	20.4
		4/28/15	54.1	0.0	N/A	63.8	0.0	1.5	1.5	0.0	0	0.4	20.8
		7/21/15	60.1	0.0	N/A	59.0	0.0	0.0	0.4	0.0	0	1.1	19.9
		10/27/15	50.5	0.0	N/A	56.3	0.0	0.0	0.5	0.0	0	0.4	20.8
		1/29/16	54.2	0.0	N/A	50.2	5.8	0.0	0.2	0.0	0	0.2	20.1
		4/25/16	56.4	0.0	N/A	53.5	0.0	0.0	0.3	0.0	0	0.3	20.2
		7/25/16	53.3	0.0	N/A	55.0	0.0	0.0	0.7	0.0	0	0.9	19.5
		10/26/16	57.1	0.0	N/A	69.9	0.0	0.0	0.6	0.0	0	0.5	20.4
	30	2/2/15	60.9	0.0	N/A	53.2	0.0	1.1	1.9	0.0	0	0.7	20.3
		4/28/15	57.3	0.3	N/A	58.1	0.9	1.9	2.8	0.0	0	0.4	20.6
		7/21/15	59.7	0.0	N/A	59.4	0.0	0.0	0.5	0.0	0	1.2	19.6
		10/27/15	51.5	0.0	N/A	60.3	0.2	0.0	0.5	0.0	0	1.0	20.6
		1/29/16	50.2	0.0	N/A	71.3	0.0	0.0	0.3	0.0	0	0.6	20.9
		4/25/16	53.4	0.0	N/A	55.0	0.0	0.0	7.1	0.0	0	0.5	19.4
		7/25/16	58.4	0.0	N/A	51.7	0.0	0.0	0.8	0.0	0	1.4	18.9
		10/26/16	60.6	0.0	N/A	55.6	0.1	0.0	0.8	0.0	0	1.1	20.1
VMP-48	5	2/2/15	52.9	0.0	N/A	57.4	0.0	2.7	2.0	0.1	0	0.5	20.5
		4/28/15	58.7	0.0	N/A	52.3	0.0	1.6	1.2	0.0	0	0.5	20.5
		7/21/15	61.7	0.0	N/A	59.3	0.0	0.0	0.7	0.0	0	6.8	13.4
		10/20/15	52.7	0.0	N/A	54.7	0.0	0.0	0.2	0.0	0	1.5	18.1
		1/29/16	60.1	0.0	N/A	50.3	0.2	0.0	0.4	0.0	0	0.5	20.8
		4/25/16	56.1	0.0	N/A	58.6	0.0	0.0	0.3	0.0	0	1.1	19.3
		7/25/16	52.9	0.0	N/A	50.8	0.0	0.0	0.5	0.0	0	3.3	13.4
		10/26/16	53.7	0.0	N/A	66.3	0.1	0.0	0.5	0.0	0	3.0	18.7
	10	2/2/15	51.1	0.0	N/A	51.2	0.0	1.3	1.5	0.2	0	0.9	20.2
		4/28/15	58.5	0.0	N/A	57.7	0.0	2.1	0.6	0.0	0	1.1	20.1
		7/21/15	54.3	0.0	N/A	55.7	0.0	0.0	0.9	0.0	0	5.0	16.0
		10/20/15	54.7	0.0	N/A	51.7	0.0	0.0	0.3	0.0	0	2.0	18.4
		1/29/16	51.8	0.0	N/A	53.2	0.0	0.0	0.3	0.0	0	0.8	20.4
		4/25/16	58.2	0.0	N/A	51.4	0.0	0.0	0.3	0.0	0	1.0	19.5
		7/25/16	52.6	0.0	N/A	50.8	0.0	0.0	1.1	0.0	0	2.6	16.9
		10/26/16	59.4	0.0	N/A	52.9	0.0	0.0	0.5	0.0	0	5.1	16.1
	20	2/2/15	52.7	0.0	N/A	52.7	0.0	0.7	1.6	0.1	0	3.0	19.6
		4/28/15	57.5	0.2	N/A	61.3	0.5	2.9	0.9	0.0	0	1.0	19.8
		7/21/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/20/15	55.0	0.0	N/A	51.6	0.0	0.0	0.3	0.0	0	4.1	17.2
		1/29/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/16	62.5	0.0	N/A	58.5	0.1	0.0	0.3	0.0	0	1.2	19.0
		7/25/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/16	67.4	0.0	N/A	61.8	0.0	0.0	0.6	0.0	0	4.8	15.7

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-48	30	2/2/15	54.5	0.0	N/A	54.8	0.0	0.5	1.7	0.1	0	5.7	17.7
		4/28/15	64.2	0.0	N/A	51.2	0.0	2.4	1.3	0.0	0	9.7	9.2
		8/3/15[9]	51.8	0.0	N/A	53.4	0.0	0.0	0.3	0.0	0	3.2	16.7
		10/20/15	51.3	0.0	N/A	54.7	0.0	0.4	0.6	0.0	0	5.3	16.5
		1/29/16	53.8	0.0	N/A	52.4	0.0	0.2	0.3	0.0	0	5.1	17.7
		4/25/16	59.9	0.0	N/A	54.7	0.0	0.0	0.3	0.0	0	3.5	17.9
		7/25/16	52.3	0.0	N/A	50.1	0.0	0.0	0.9	0.0	0	3.1	17.5
		10/26/16	67.1	0.0	N/A	77.2	0.1	0.0	0.5	0.0	0	3.5	17.0
VMP-49	5	2/3/15	59.1	0.0	N/A	50.9	0.0	0.9	0.7	0.0	0	0.2	20.6
		4/28/15	59.6	0.0	N/A	58.5	0.0	1.1	0.9	0.0	0	1.5	19.1
		7/30/15	60.3	0.0	N/A	57.2	0.0	0.0	0.2	0.0	0	0.1	20.1
		11/3/15	55.2	0.0	N/A	57.1	0.1	0.0	0.2	0.0	0	0.3	20.9
		2/1/16	52.7	0.0	N/A	51.0	0.0	0.0	0.2	0.0	0	0.1	20.9
		4/26/16	51.9	0.0	N/A	50.8	0.2	0.0	0.7	0.0	0	0.3	20.5
		8/1/16	64.8	0.0	N/A	53.9	0.1	0.0	0.2	0.0	0	0.7	20.7
		10/27/16	57.1	0.0	N/A	55.7	0.0	0.0	0.3	0.0	0	0.5	20.6
	10	2/3/15	57.4	0.0	N/A	57.9	0.0	1.1	0.8	0.0	0	0.3	20.8
		4/28/15	54.2	0.0	N/A	66.4	0.1	2.4	1.3	0.0	0	1.3	19.3
		7/30/15	59.7	0.0	N/A	51.7	0.0	0.0	0.3	0.0	0	2.5	18.8
		11/3/15	53.3	0.0	N/A	54.6	0.0	0.0	0.2	0.0	0	0.4	20.9
		2/1/16	56.1	0.0	N/A	51.4	0.1	0.0	0.3	0.0	0	0.2	20.9
		4/26/16	51.2	0.0	N/A	51.9	0.1	0.0	0.6	0.0	0	0.9	20.1
		8/1/16	52.0	0.0	N/A	56.8	0.1	0.0	0.2	0.0	0	2.4	19.5
		10/27/16	53.3	1.1	N/A	52.8	0.1	0.0	0.4	0.0	0	0.8	20.1
	20	2/3/15	52.2	0.0	N/A	53.3	0.0	1.8	0.9	0.0	0	0.2	20.7
		4/28/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/15	72.8	0.2	N/A	61.8	0.5	0.0	0.4	0.0	0	2.3	18.7
		11/3/15	55.6	0.0	N/A	51.5	0.0	0.0	0.2	0.0	0	0.2	20.9
		2/1/16	66.7	1.1	N/A	64.4	2.3	0.0	0.2	0.0	0	0.2	20.8
		4/26/16	52.1	0.2	N/A	55.5	0.6	0.0	0.0	0.0	0	0.9	19.9
		8/1/16	53.0	2.1	0.0	52.6	3.1	0.0	0.1	0.0	0	1.8	19.6
		10/27/16	59.6	1.6	N/A	58.8	1.6	0.0	0.4	0.0	0	0.7	19.8
	30	2/3/15	53.5	0.0	N/A	55.9	0.0	0.5	0.9	0.0	0	3.8	15.1
		4/28/15	61.2	0.0	N/A	56.9	0.0	1.6	1.1	0.0	0	3.7	18.6
		7/30/15	76.3	0.0	N/A	64.2	0.0	4650	81.7	2.2	44	13.4	0.4
		11/3/15	59.2	0.0	N/A	54.1	0.0	0.0	0.2	0.0	0	14.1	4.4
		2/1/16	52.3	0.0	N/A	55.6	0.0	0.0	0.3	0.0	0	15.4	6.8
		4/27/16	52.7	0.0	N/A	53.3	0.0	0.0	0.6	0.0	0	13.7	9.0
		8/1/16	54.0	0.0	N/A	51.5	0.0	0.0	0.1	0.0	0	9.5	11.1
		10/27/16	67.5	0.0	N/A	53.3	0.0	0.0	0.6	0.0	0	9.9	10.0
VMP-50	5	2/10/15	54.0	0.0	N/A	51.5	0.0	1.3	0.9	0.0	0	0.3	20.5
		5/5/15	53.5	0.0	N/A	56.8	0.0	2.3	2.1	0.0	0	0.6	20.1
		7/30/15	51.5	0.0	N/A	54.2	0.0	0.0	0.5	0.0	0	2.2	18.2
		11/3/15	54.3	0.0	N/A	55.7	0.0	0.0	0.2	0.0	0	0.7	20.7
		2/2/16	54.7	0.0	N/A	54.7	0.0	0.0	0.5	0.0	0	0.2	20.9
		5/3/16	68.7	0.0	N/A	66.4	0.0	0.0	0.3	0.0	0	1.1	19.0
		8/2/16	54.1	0.0	N/A	53.9	0.8	0.0	0.6	0.0	0	5.2	13.2
		10/31/16	52.0	0.0	N/A	51.3	0.0	0.0	0.5	0.0	0	3.8	16.7

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-50	10	2/10/15	54.8	0.0	N/A	54.3	0.2	1.0	0.7	0.0	0	0.5	20.3
		5/5/15	51.8	0.0	N/A	51.4	0.0	2.8	2.5	0.0	0	0.6	19.9
		7/30/15	52.7	0.0	N/A	59.3	0.0	0.0	0.4	0.0	0	2.0	18.6
		11/3/15	54.2	0.0	N/A	54.0	0.0	0.0	0.2	0.0	0	1.2	20.2
		2/2/16	58.1	0.0	N/A	70.8	0.0	0.0	0.2	0.0	0	0.4	20.7
		5/3/16	63.9	0.0	N/A	58.2	0.1	0.0	0.3	0.0	0	1.0	18.6
		8/26/16[9]	79.2	0.0	N/A	70.9	0.3	0.0	0.0	0.0	0	4.5	14.7
		10/31/16	55.3	0.0	N/A	50.0	0.0	0.0	0.5	0.0	0	4.8	14.8
	20	2/10/15	57.0	0.0	N/A	56.0	0.0	0.9	1.2	0.0	0	1.3	19.5
		5/5/15	51.3	0.0	N/A	53.8	0.0	3.5	2.4	0.0	0	0.7	19.8
		7/30/15	53.8	0.0	N/A	59.7	0.0	0.0	0.5	0.0	0	2.2	18.4
		11/3/15	61.7	0.0	N/A	71.3	0.0	0.0	2.0	0.0	0	1.7	19.4
		2/2/16	55.6	0.0	N/A	64.6	0.0	0.0	0.3	0.0	0	0.7	20.5
		5/3/16	65.6	0.0	N/A	62.2	0.0	0.0	0.3	0.0	0	1.3	19.0
		8/26/16[9]	54.7	0.0	N/A	53.5	0.0	0.0	0.0	0.0	0	3.4	15.6
		10/31/16	59.6	0.0	N/A	51.6	0.0	0.0	0.5	0.0	0	4.9	14.1
	30	2/10/15	57.2	0.0	N/A	51.3	0.0	3720	762	6.0	OVR	2.0	19.0
		5/5/15	51.9	0.0	N/A	51.8	0.0	4111	545	3.1	58	1.3	19.3
		6/15/15[12]	57.0	0.0	N/A	52.2	1.5	2975	532	2.3	43	1.5	18.4
		7/30/15	52.4	0.0	N/A	58.1	0.0	3267	519	3.6	72	1.9	19.0
		11/3/15	53.6	0.0	N/A	52.0	0.0	1741	367	1.8	36	1.6	19.2
		2/2/16	60.6	0.0	N/A	57.5	0.3	1790	311	2.0	40	1.5	20.3
		5/3/16	63.5	0.0	N/A	60.3	0.0	1034	275	0.0	0	1.0	19.8
		8/2/16	52.9	0.0	N/A	51.9	0.0	444	52.6	0.4	8	1.5	15.4
		10/31/16	57.3	0.0	N/A	48.4	0.6	581	129	0.6	12	2.3	13.8
VMP-51	5	2/3/15	56.7	0.0	N/A	51.8	0.0	1.4	1.0	0.0	0	0.1	20.8
		4/29/15	54.7	0.0	N/A	53.6	0.0	2.1	1.4	0.0	0	0.1	20.8
		7/21/15	54.1	0.0	N/A	53.5	0.6	0.0	0.7	0.0	0	0.4	19.9
		10/28/15	51.4	0.0	N/A	67.2	0.0	0.0	0.3	0.0	0	0.1	20.7
		1/25/16	84.2	0.1	N/A	56.9	0.4	0.0	0.2	0.0	0	0.0	20.9
		4/28/16	51.4	0.0	N/A	55.6	0.0	0.0	0.6	0.0	0	0.2	20.6
		7/27/16	55.0	0.0	N/A	51.4	0.0	0.0	0.5	0.0	0	1.5	16.5
		10/19/16	62.8	0.0	N/A	56.2	0.0	0.0	0.3	0.0	0	0.5	20.6
	10	2/3/15	55.6	0.0	N/A	53.6	0.0	1.3	1.2	0.0	0	0.2	20.7
		4/29/15	57.4	0.1	N/A	53.3	0.0	1.6	0.8	0.0	0	0.3	20.5
		7/21/15	51.3	0.0	N/A	54.2	0.3	0.0	0.8	0.0	0	0.9	19.7
		10/28/15	61.3	0.1	N/A	63.4	0.1	0.0	0.3	0.0	0	0.2	20.1
		1/25/16	66.8	0.0	N/A	55.7	0.0	0.0	0.2	0.0	0	0.0	20.9
		4/28/16	54.1	0.0	N/A	54.7	0.0	0.0	0.5	0.0	0	0.4	20.2
		7/27/16	66.3	0.0	N/A	55.8	0.1	0.0	0.6	0.0	0	1.4	16.4
		10/19/16	63.2	0.0	N/A	48.3	0.0	0.0	0.5	0.0	0	0.8	20.1
	20	2/3/15	53.5	0.0	N/A	54.2	0.0	0.2	1.1	0.0	0	0.7	20.4
		4/29/15	59.8	0.7	N/A	51.9	0.2	1.1	1.3	0.0	0	0.3	20.3
		7/21/15	55.0	0.0	N/A	50.7	0.1	0.0	0.9	0.0	0	1.3	18.9
		10/28/15	57.6	0.0	N/A	59.1	0.0	0.0	0.3	0.0	0	0.8	20.3
		1/25/16	57.6	0.0	N/A	51.6	0.3	0.0	0.2	0.0	0	0.4	20.2
		4/28/16	55.1	0.0	N/A	56.8	0.1	0.0	0.5	0.0	0	0.4	20.3
		5/25/16[9]	66.1	0.0	N/A	53.5	0.2	0.0	0.0	0.0	0	0.8	19.9
		7/27/16	67.8	0.0	N/A	51.4	0.0	0.0	0.6	0.0	0	1.1	18.3
		10/19/16	68.2	0.0	N/A	60.2	0.0	0.0	0.3	0.0	0	2.1	19.4

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-51	30	2/3/15	54.3	0.0	N/A	53.5	0.0	0.2	1.1	0.0	0	1.2	19.7
		4/29/15	54.6	0.3	N/A	53.0	0.1	2.0	1.7	0.0	0	0.6	19.6
		7/21/15	57.0	0.4	N/A	51.8	0.0	0.0	0.9	0.0	0	1.3	18.9
		10/28/15	57.6	0.1	N/A	62.8	0.0	0.0	0.3	0.0	0	1.2	19.6
		1/25/16	59.7	0.1	N/A	58.1	0.0	0.0	0.2	0.0	0	0.9	19.9
		4/28/16	56.4	0.0	N/A	55.3	0.0	0.0	0.8	0.0	0	0.7	19.9
		7/27/16	62.9	0.1	N/A	52.4	1.0	0.0	0.5	0.0	0	1.1	16.7
		10/19/16	74.9	0.0	N/A	62.2	0.0	0.0	0.3	0.0	0	2.3	18.7
VMP-52	5	2/4/15	54.5	0.0	N/A	52.4	0.0	0.6	1.1	0.0	0	1.2	20.2
		4/29/15	70.7	0.0	N/A	58.5	0.0	1.6	2.1	0.0	0	1.9	18.7
		7/27/15	58.3	0.0	N/A	56.3	0.2	0.0	0.6	0.0	0	6.6	14.5
		10/29/15	62.6	0.0	N/A	52.4	0.0	0.0	0.5	0.0	0	1.9	19.8
		1/25/16	62.3	0.0	N/A	54.9	0.1	0.0	0.2	0.0	0	0.6	20.9
		4/25/16	56.3	0.0	N/A	57.9	0.0	0.0	0.4	0.0	0	1.1	18.7
		7/27/16	61.5	0.0	N/A	57.6	0.3	0.0	0.4	0.0	0	4.3	12.4
		10/27/16	58.5	0.0	N/A	59.1	0.0	0.0	0.4	0.0	0	2.7	18.5
	10	2/4/15	56.8	0.0	N/A	52.0	0.0	0.0	0.9	0.0	0	5.2	17.1
		4/29/15	57.2	0.0	N/A	51.4	0.0	1.0	1.9	0.0	0	3.4	17.2
		7/27/15	58.3	0.0	N/A	46.1	0.0	0.2	0.5	0.0	0	6.0	11.6
		10/29/15	55.6	0.0	N/A	55.6	0.0	0.0	0.7	0.0	0	7.8	18.0
		1/25/16	53.1	0.0	N/A	64.8	0.0	0.0	0.2	0.0	0	3.9	18.0
		4/25/16	61.6	0.0	N/A	57.7	0.0	0.0	0.4	0.0	0	2.6	18.3
		7/27/16	61.7	0.0	N/A	56.4	0.0	1.3	2.2	0.0	0	3.2	12.1
		10/27/16	56.2	0.0	N/A	58.3	0.0	0.0	0.4	0.0	0	5.8	14.4
	20	2/4/15	57.1	0.0	N/A	54.2	0.0	0.2	0.9	0.0	0	5.3	16.4
		4/29/15	57.8	0.0	N/A	56.8	0.0	1.0	0.9	0.0	0	3.1	17.6
		7/27/15	61.2	0.0	N/A	46.5	0.0	0.2	0.5	0.0	0	3.0	17.1
		10/29/15	56.4	0.0	N/A	50.5	0.0	0.0	0.5	0.0	0	5.0	15.8
		1/25/16	57.6	0.0	N/A	51.1	0.0	0.0	0.2	0.0	0	3.9	18.3
		4/25/16	59.4	0.0	N/A	55.2	0.0	0.0	0.3	0.0	0	2.4	18.5
		7/27/16	64.1	0.0	N/A	52.8	0.0	0.0	0.4	0.0	0	2.5	17.8
		10/27/16	56.7	0.0	N/A	57.8	0.0	0.0	0.4	0.0	0	4.1	16.4
	30	2/4/15	55.9	0.0	N/A	54.2	0.0	0.3	1.1	0.0	0	5.8	15.8
		4/29/15	60.2	0.0	N/A	51.5	0.0	1.5	1.7	0.0	0	3.7	16.3
		7/27/15	59.1	0.0	N/A	47.9	0.0	0.5	0.0	0.0	0	3.4	16.5
		10/29/15	58.1	0.0	N/A	57.8	0.0	0.0	0.8	0.0	0	4.9	16.2
		2/2/16[9]	60.2	0.0	N/A	53.7	0.1	0.0	0.5	0.0	0	4.4	17.5
		4/25/16	57.1	0.0	N/A	50.1	0.0	0.0	0.3	0.0	0	2.9	18.2
		7/27/16	54.9	0.0	N/A	62.2	0.0	0.0	0.6	0.0	0	2.5	17.7
		10/27/16	56.5	0.0	N/A	63.7	1.0	0.0	0.4	0.0	0	2.8	17.5
VMP-53	5	2/4/15	54.8	0.0	N/A	51.5	0.0	0.7	1.3	0.0	0	0.3	20.4
		5/4/15	55.7	0.0	N/A	50.5	0.0	2.9	2.1	0.0	0	0.6	20.0
		7/24/15	55.2	0.0	N/A	54.2	0.0	0.0	0.7	0.0	0	1.9	19.4
		10/28/15	53.7	0.0	N/A	55.5	0.0	0.0	0.3	0.0	0	0.8	20.6
		1/28/16	73.1	0.0	N/A	64.7	0.0	0.0	0.3	0.0	0	0.4	20.8
		4/28/16	52.2	0.0	N/A	53.8	0.0	0.0	0.7	0.0	0	0.8	19.8
		7/29/16	62.9	0.0	N/A	54.3	0.0	0.0	0.5	0.0	0	2.1	18.0
		10/25/16	54.0	0.0	N/A	50.7	0.0	0.0	0.3	0.0	0	1.2	19.6
		12/9/16[12]	60.3	0.0	N/A	50.1	0.0	0.0	0.3	0.0	0	0.1	19.5

TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-53	10	2/4/15	53.5	0.0	N/A	56.3	0.0	0.3	1.2	0.0	0	0.2	20.6
		5/4/15	56.8	0.0	N/A	52.4	0.0	2.2	2.3	0.0	0	0.4	20.4
		7/24/15	61.0	0.0	N/A	57.0	0.0	0.2	0.6	0.0	0	1.4	19.9
		10/28/15	52.3	0.0	N/A	56.5	0.0	0.0	0.3	0.0	0	0.7	20.9
		1/28/16	58.2	0.0	N/A	54.1	0.0	0.0	0.2	0.0	0	0.2	20.7
		4/28/16	60.5	0.0	N/A	56.6	0.1	0.0	0.6	0.0	0	0.5	20.3
		8/26/16[9]	60.3	0.0	N/A	53.4	0.7	0.0	0.0	0.0	0	1.5	19.6
		10/25/16	53.1	0.0	N/A	51.2	0.0	0.0	0.5	0.0	0	1.1	19.9
		12/9/16[12]	53.6	0.0	N/A	57.2	0.0	0.0	0.5	0.0	0	1.6	19.2
	20	2/4/15	52.6	0.0	N/A	57.4	0.0	0.1	1.4	0.0	0	0.6	20.3
		5/4/15	55.4	0.6	N/A	51.5	0.1	2.9	2.6	0.0	0	0.4	20.1
		7/24/15	55.9	0.0	N/A	52.1	0.0	0.4	0.6	0.0	0	1.5	19.5
		10/28/15	52.3	0.0	N/A	52.5	0.0	0.0	0.4	0.0	0	1.4	20.5
		2/16/16[9]	54.9	0.0	N/A	52.0	0.1	0.0	0.3	0.0	0	0.1	20.1
		4/28/16	52.1	0.0	N/A	53.1	0.1	0.0	0.8	0.0	0	0.6	20.2
		7/29/16	57.2	0.0	N/A	55.1	0.0	0.0	0.5	0.0	0	1.4	17.5
		10/25/16	55.5	0.0	N/A	51.1	0.0	0.0	0.3	0.0	0	2.1	18.0
		12/9/16[12]	50.0	0.0	N/A	59.0	0.2	0.0	0.4	0.0	0	3.0	17.4
	30	2/4/15	72.6	0.0	N/A	54.1	0.0	0.2	1.3	0.0	0	2.3	19.6
		5/4/15	55.3	0.0	N/A	51.3	0.5	1.9	2.5	0.0	0	1.3	18.5
		7/24/15	57.8	0.0	N/A	70.9	0.0	0.3	0.7	0.0	0	2.0	18.3
		10/28/15	53.9	0.0	N/A	50.4	0.1	0.0	0.4	0.0	0	3.1	18.8
		1/28/16	57.3	0.0	N/A	50.5	0.0	0.0	0.3	0.0	0	3.1	18.4
		4/28/16	52.9	0.0	N/A	53.5	0.1	0.0	0.7	0.0	0	1.8	19.3
		5/25/16[12]	71.9	0.0	N/A	57.7	0.1	0.0	0.3	0.0	0	1.9	18.8
		7/29/16	60.2	0.0	N/A	68.7	0.0	0.0	0.5	0.0	0	1.9	13.9
		10/25/16	55.4	0.0	N/A	50.6	0.0	0.0	0.8	0.0	0	3.0	16.8
		12/9/16[12]	50.0	0.0	N/A	53.5	0.0	0.0	0.3	0.0	0	3.8	16.5
VMP-54	5	2/5/15	51.1	0.0	N/A	50.0	0.0	0.2	0.9	0.0	0	1.2	20.4
		5/4/15	51.7	0.0	N/A	52.6	0.1	3.1	1.4	0.0	0	1.4	19.7
		7/24/15	60.0	0.0	N/A	56.8	0.0	0.0	0.7	0.0	0	4.0	16.6
		10/27/15	71.4	0.0	N/A	69.0	0.0	0.0	0.3	0.0	0	3.4	18.5
		1/28/16	54.8	0.0	N/A	75.4	0.0	0.0	0.3	0.0	0	1.3	19.7
		4/29/16	55.8	0.0	N/A	57.1	0.0	0.0	0.6	0.0	0	2.2	18.3
		8/1/16	57.3	0.0	N/A	54.3	0.0	0.0	0.0	0.0	0	4.2	16.0
		10/28/16	59.6	0.0	N/A	57.5	0.0	0.0	0.5	0.0	0	3.4	17.1
	10	2/5/15	50.4	0.0	N/A	50.2	0.0	0.0	1.0	0.0	0	1.7	19.8
		5/4/15	51.7	0.0	N/A	54.9	0.0	1.2	1.5	0.0	0	1.1	18.5
		7/24/15	59.2	0.0	N/A	56.9	0.0	0.0	0.3	0.0	0	2.7	17.5
		10/27/15	54.9	0.0	N/A	55.9	0.0	0.0	0.4	0.0	0	3.4	18.3
		1/28/16	62.7	0.0	N/A	66.3	0.0	0.0	0.4	0.0	0	2.0	19.0
		4/29/16	55.8	0.0	N/A	55.7	0.0	0.0	0.7	0.0	0	0.8	20.3
		8/1/16	54.5	0.0	N/A	50.9	0.0	0.0	0.6	0.0	0	2.6	16.8
		10/28/16	60.2	0.0	N/A	57.1	0.0	0.0	0.5	0.0	0	3.4	16.0
	20	2/5/15	51.1	0.0	N/A	50.1	0.0	0.0	1.2	0.0	0	2.8	19.1
		5/4/15	57.5	0.0	N/A	53.7	0.0	1.5	1.8	0.0	0	1.0	18.5
		7/24/15	55.2	0.0	N/A	52.8	0.0	0.0	0.7	0.0	0	1.6	18.9
		10/27/15	52.6	0.0	N/A	69.3	0.0	0.0	0.3	0.0	0	3.2	17.9
		1/28/16	56.1	0.0	N/A	52.5	0.0	0.0	0.4	0.0	0	2.3	18.3
		5/5/16	59.5	0.0	N/A	54.1	0.0	0.0	0.5	0.0	0	2.1	18.8
		8/1/16	56.9	0.0	N/A	53.2	0.0	0.0	0.2	0.0	0	1.7	17.2
		10/28/16	78.7	0.4	N/A	51.3	0.6	0.0	0.6	0.0	0	2.2	16.6

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-54	30	2/12/15[7]	62.2	0.0	N/A	52.6	2.9	3.1	1.3	0.0	0	0.4	20.6
		5/4/15	55.4	0.9	N/A	52.2	5.6	3.3	2.2	0.0	0	0.8	17.5
		8/3/15[7]	53.6	0.1	N/A	52.2	0.8	0.0	0.3	0.0	0	3.0	17.0
		10/27/15	60.2	0.0	N/A	58.9	0.0	0.4	0.6	0.0	0	2.1	18.8
		1/28/16	57.9	0.4	N/A	50.1	2.7	0.0	0.3	0.0	0	0.7	19.9
		4/29/16	56.2	0.0	N/A	56.0	0.0	0.0	0.7	0.0	0	1.0	18.3
		8/1/16	55.3	0.0	N/A	50.6	1.3	0.0	0.8	0.0	0	2.9	13.6
		10/28/16	55.4	0.4	N/A	51.3	0.6	0.3	0.7	0.0	0	1.9	18.0
VMP-55	5	2/5/15	50.1	0.0	N/A	52.4	0.0	1.6	1.4	0.0	0	16.8	3.4
		5/6/15	51.4	0.0	N/A	52.3	0.0	3.5	1.5	0.0	0	17.2	2.7
		7/29/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/15	52.9	0.0	N/A	58.6	0.0	202	14.9	0.0	0	17.8	1.6
		2/4/16	69.3	0.0	N/A	58.4	0.0	31.2	13.7	0.0	0	17.0	2.8
		5/4/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		08/26/16[9]	60.1	0.0	N/A	57.6	0.0	2.6	1.2	0.0	0	19.2	2.3
		11/01/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10	2/5/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/6/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/29/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/4/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/4/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/1/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	20	2/5/15	53.3	20.0	N/A	56.1	0.0	9900	117	2.1	41	18.9	1.5
		5/6/15	50.6	0.0	N/A	51.5	0.0	26390	181	9.9	98	13.7	1.4
		7/29/15	55.2	0.0	N/A	55.2	0.0	2740	17.8	0.3	6	15.4	0.6
		11/2/15	54.5	0.0	N/A	53.1	0.0	34590	252	46.2	OVR	16.5	1.1
		2/4/16	64.6	0.0	N/A	58.4	0.0	17760	395	14.6	OVR	20.7	0.8
		5/4/16	55.2	0.0	N/A	51.4	0.0	38100	224	24.1	OVR	15.9	1.6
		8/3/16	53.8	0.0	N/A	51.6	0.0	44580	124	19.0	OVR	16.9	1.4
		11/1/16	67.6	0.0	N/A	53.9	0.1	54120	148	22.4	OVR	18.4	1.6
	30	3/9/15	52.5	0.0	N/A	53.1	0.0	32070	174	10.9	OVR	12.0	1.1
		5/6/15	51.3	0.0	N/A	55.2	0.0	30620	232	12.5	58	10.1	1.5
		6/15/15[12]	50.2	0.0	N/A	73.0	0.2	5000	58.2	0.6	12	12.8	1.1
		7/29/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/4/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/4/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/1/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-56	10	2/10/15	54.2	0.0	N/A	68.4	0.0	0.6	0.3	0.0	0	0.1	20.8
		5/11/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/31/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/15	51.1	0.0	N/A	58.0	0.0	0.0	0.2	0.0	0	0.1	20.7
		2/4/16	53.4	0.0	N/A	51.6	0.4	0.0	0.4	0.0	0	0.1	20.7
		5/5/16	55.2	0.0	N/A	52.6	0.0	NS	NS	0.0	0	0.5	20.5
		7/27/16	64.1	0.0	N/A	53.3	0.7	0.0	0.2	0.0	0	1.1	18.2
		10/24/16	62.3	0.0	N/A	54.6	0.0	0.0	0.2	0.0	0	0.6	20.3

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-56	25	2/10/15	60.1	0.0	N/A	55.4	0.1	0.5	0.3	0.0	0	0.2	20.7
		5/7/15	66.9	0.1	N/A	52.1	0.0	1.6	1.6	0.0	0	0.3	20.6
		7/31/15	53.4	0.0	N/A	51.4	0.1	0.0	0.6	0.0	0	0.6	19.6
		11/3/15	64.5	0.0	N/A	58.9	0.1	0.0	0.2	0.0	0	0.1	20.5
		2/4/16	50.7	0.0	N/A	53.8	8.0	0.0	0.2	0.0	0	0.1	19.9
		5/5/16	53.7	0.0	N/A	50.8	0.0	NS	NS	0.0	0	0.5	20.0
		7/27/16	65.1	0.0	N/A	53.8	0.0	0.0	0.2	0.0	0	1.4	18.4
		10/24/16	63.9	0.0	N/A	52.4	0.0	0.0	0.4	0.0	0	1.0	19.7
	38.5	2/10/15	58.6	0.0	N/A	55.5	0.0	89400	660	OVR	OVR	2.4	17.9
		5/7/15	57.2	1.3	N/A	59.4	1.3	1000000	259	OVR	OVR	10.3	1.5
		6/15/15[12]	62.1	1.1	OVR	61.0	1.8	259000	388	OVR	OVR	11.5	2.2
		7/31/15	56.8	0.8	N/A	67.5	0.9	109000	109	OVR	OVR	9.8	4.3
		11/3/15	56.8	0.0	N/A	58.5	0.0	192000	233	OVR	OVR	1.3	18.4
		2/4/16	52.8	0.0	N/A	51.5	1.0	346000	311	OVR	OVR	5.0	12.5
		5/5/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/27/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/24/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-62	5	2/3/15	53.6	0.0	N/A	50.4	0.0	0.3	0.6	0.0	0	0.8	20.3
		4/28/15	52.3	0.0	N/A	51.5	0.8	1.0	1.2	0.0	0	1.5	19.5
		7/24/15	54.8	0.0	N/A	52.9	0.0	0.0	0.6	0.0	0	5.5	15.5
		10/20/15	56.0	0.0	N/A	54.6	0.0	0.0	0.7	0.0	0	1.4	18.7
		1/28/16	64.4	0.0	N/A	59.9	0.0	0.0	0.2	0.0	0	0.9	20.8
		4/25/16	71.2	0.0	N/A	65.4	0.1	0.0	0.2	0.0	0	1.9	18.1
		7/26/16	51.6	0.0	N/A	58.8	0.0	0.0	0.0	0.0	0	5.5	13.3
		10/24/16	56.8	0.0	N/A	59.0	0.0	0.0	0.4	0.0	0	2.4	18.9
	10	2/3/15	55.9	0.0	N/A	51.5	0.0	0.4	0.6	0.0	0	1.2	20.2
		4/28/15	52.1	0.0	N/A	50.2	0.0	1.9	1.4	0.0	0	1.3	19.9
		7/24/15	77.3	0.0	N/A	55.1	0.1	0.0	0.5	0.0	0	4.2	16.6
		10/20/15	59.6	0.0	N/A	53.5	0.0	0.0	0.7	0.0	0	2.1	18.6
		1/28/16	50.3	0.0	N/A	53.7	0.0	0.0	0.3	0.0	0	1.3	20.3
		4/25/16	57.2	0.0	N/A	55.5	0.0	0.0	0.3	0.0	0	1.2	19.0
		7/26/16	51.9	0.0	N/A	53.5	0.0	0.0	0.0	0.0	0	3.7	16.8
		10/24/16	59.0	0.0	N/A	59.2	0.0	0.0	0.5	0.0	0	20.4	19.7
	20	2/3/15	51.1	0.0	N/A	50.4	0.0	0.4	0.5	0.0	0	1.0	20.4
		4/28/15	55.4	0.0	N/A	53.9	0.0	1.8	1.5	0.0	0	0.9	19.9
		7/24/15	64.9	0.0	N/A	53.3	0.1	0.0	0.6	0.0	0	3.2	17.7
		10/20/15	59.3	0.0	N/A	50.4	0.0	0.0	0.7	0.0	0	1.8	19.7
		1/28/16	55.0	0.0	N/A	53.4	0.1	0.0	0.2	0.0	0	1.0	20.9
		4/25/16	56.0	0.0	N/A	54.2	0.0	0.0	1.0	0.0	0	0.9	19.4
		7/26/16	52.2	0.0	N/A	51.0	0.0	0.0	0.0	0.0	0	2.1	18.0
		10/24/16	63.1	0.1	N/A	54.4	0.0	0.0	0.3	0.0	0	2.1	19.1
	30	2/3/15	51.9	0.0	N/A	50.6	0.0	0.1	0.7	0.0	0	1.8	19.2
		4/28/15	64.8	0.1	N/A	53.9	0.1	1.9	1.6	0.0	0	0.5	19.9
		7/24/15	69.9	0.0	N/A	51.2	0.1	0.0	0.5	0.0	0	2.1	18.2
		10/20/15	63.0	0.0	N/A	52.6	0.1	0.0	0.7	0.0	0	1.2	19.4
		1/28/16	50.2	0.0	N/A	51.2	0.2	0.0	0.3	0.0	0	0.8	20.6
		4/25/16	60.7	0.0	N/A	50.2	0.0	0.0	0.7	0.0	0	0.6	19.8
		7/26/16	52.2	0.0	N/A	54.1	0.0	0.0	0.0	0.0	0	1.7	18.5
		10/24/16	66.5	0.0	N/A	57.0	0.0	0.0	0.0	0.0	0	1.4	20.5

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-63	5	2/3/15	51.6	0.0	N/A	51.3	0.1	1.1	1.2	0.0	0	0.2	20.8
		4/28/15	64.2	0.0	N/A	52.1	0.0	2.9	1.8	0.0	0	0.2	20.9
		7/24/15	59.0	0.0	N/A	56.3	0.1	0.9	0.4	0.0	0	0.5	20.1
		10/26/15	55.3	0.0	N/A	63.2	0.0	0.0	0.6	0.0	0	0.1	20.9
		1/28/16	55.2	0.0	N/A	50.8	0.0	0.0	0.2	0.0	0	0.0	20.7
		4/26/16	50.5	0.0	N/A	56.9	0.8	0.0	0.0	0.0	0	0.2	20.5
		7/25/16	58.6	0.0	N/A	51.5	0.1	0.0	0.2	0.0	0	0.4	19.1
		10/24/16	69.6	0.0	N/A	55.4	0.0	0.0	0.3	0.0	0	0.1	20.8
	10	2/3/15	60.3	0.0	N/A	50.3	0.0	1.4	1.2	0.0	0	0.2	20.7
		4/28/15	56.6	0.0	N/A	55.4	0.0	2.2	1.5	0.0	0	0.3	20.5
		7/24/15	55.8	0.0	N/A	55.4	0.0	0.7	0.7	0.0	0	0.8	20.1
		10/26/15	50.9	0.0	N/A	63.0	0.0	0.0	0.5	0.0	0	0.1	20.6
		1/28/16	50.2	0.0	N/A	50.7	0.0	0.0	0.2	0.0	0	0.1	20.8
		4/26/16	51.2	0.0	N/A	51.6	0.1	0.0	0.0	0.0	0	0.3	20.7
		7/25/16	61.1	0.0	N/A	52.6	0.0	0.0	0.2	0.0	0	0.7	19.9
		10/24/16	64.1	0.0	N/A	53.6	0.0	0.0	0.4	0.0	0	0.2	20.7
	20	2/3/15	58.2	0.3	0.0	52.7	0.2	0.8	1.5	0.0	0	0.3	20.7
		4/28/15	56.8	0.7	N/A	53.4	0.1	3.5	1.4	0.0	0	0.0	20.5
		7/24/15	62.3	0.0	N/A	53.7	0.1	0.8	0.8	0.0	0	1.0	19.8
		10/26/15	55.1	0.0	N/A	62.3	0.0	0.0	0.4	0.0	0	0.3	20.5
		1/28/16	50.8	0.0	N/A	52.9	0.1	0.0	0.2	0.0	0	0.2	20.8
		4/26/16	51.9	0.0	N/A	50.5	0.1	0.0	0.3	0.0	0	0.2	20.3
		7/25/16	52.1	0.0	N/A	38.9	0.0	0.0	0.2	0.0	0	0.7	20.0
		10/24/16	61.8	0.0	N/A	53.3	0.0	0.0	0.5	0.0	0	0.4	20.5
	30	2/3/15	51.1	0.7	0.0	50.7	0.5	0.9	1.1	0.0	0	0.5	20.6
		4/28/15	56.3	1.1	N/A	53.6	0.5	3.1	1.8	0.0	0	0.2	19.7
		7/24/15	55.8	0.0	N/A	58.1	0.1	0.7	0.6	0.0	0	1.1	19.5
		10/26/15	55.4	0.1	N/A	71.5	0.0	0.0	0.4	0.0	0	0.5	20.6
		1/28/16	53.3	0.0	N/A	50.5	0.0	0.0	0.4	0.0	0	0.4	20.7
		4/26/16	51.5	0.0	N/A	50.3	0.0	0.0	0.3	0.0	0	0.3	20.4
		7/25/16	53.4	0.0	N/A	55.3	0.0	0.0	0.2	0.0	0	0.8	19.9
		10/24/16	58.0	0.0	N/A	53.3	0.0	0.0	0.6	0.0	0	0.7	20.0
VMP-64	5	2/3/15	53.3	0.0	N/A	51.0	0.0	1.0	0.6	0.0	0	0.2	20.7
		4/28/15	60.9	0.0	N/A	65.0	0.0	2.8	1.3	0.0	0	0.2	20.5
		7/24/15	53.3	0.0	N/A	45.2	0.1	0.6	0.6	0.0	0	0.7	20.2
		10/26/15	66.1	0.0	N/A	60.1	0.0	0.0	0.4	0.0	0	0.4	20.9
		1/28/16	51.3	0.0	N/A	50.9	0.0	0.0	0.3	0.0	0	0.9	20.9
		4/26/16	68.9	0.0	N/A	64.5	0.1	0.0	0.4	0.0	0	0.2	20.2
		8/2/16	62.3	0.0	N/A	0.0	57.5	0.0	0.1	0.0	0	0.4	19.8
		10/24/16	72.8	0.0	N/A	51.3	0.0	0.5	0.4	0.0	0	0.2	20.6
	10	2/3/15	51.3	0.0	N/A	51.7	0.0	0.1	0.8	0.0	0	1.4	20.1
		4/28/15	60.1	0.0	N/A	58.4	0.0	2.2	0.6	0.0	0	0.9	19.5
		7/24/15	68.5	0.0	N/A	51.2	0.1	1.5	0.6	0.0	0	2.3	17.9
		10/26/15	63.2	0.0	N/A	55.8	0.0	0.0	0.5	0.0	0	2.3	19.4
		1/28/16	54.2	0.0	N/A	54.2	0.0	0.0	0.3	0.0	0	1.1	20.2
		4/26/16	53.7	0.0	N/A	51.2	0.1	0.0	0.6	0.0	0	0.9	19.7
		7/22/16	52.4	0.0	N/A	54.7	0.0	0.0	0.5	0.1	0	3.5	16.4
		10/24/16	74.5	0.0	N/A	50.7	0.0	0.0	0.1	0.0	0	3.3	18.3

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TABLE 3-2
SOIL GAS SAMPLING - TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-64	20	2/3/15	50.5	0.0	N/A	53.6	0.0	0.0	1.0	0.0	0	3.1	18.8
		4/28/15	55.9	0.0	N/A	56.7	0.0	1.7	1.2	0.0	0	2.4	18.2
		7/24/15	59.8	0.0	N/A	51.1	0.0	0.2	0.4	0.0	0	3.2	16.6
		10/26/15	53.5	0.0	N/A	54.0	0.0	0.0	0.4	0.0	0	3.6	18.2
		1/28/16	55.7	0.0	N/A	53.3	0.0	0.0	0.3	0.0	0	3.1	18.8
		4/26/16	57.0	0.0	N/A	57.2	0.0	0.0	0.5	0.0	0	1.2	19.2
		7/22/16	54.2	0.0	N/A	54.7	0.0	0.0	0.4	0.1	0	2.5	17.8
		10/24/16	69.2	0.0	N/A	52.1	0.0	0.0	0.6	0.0	0	4.1	17.3
	28	2/3/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/24/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/26/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/22/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/24/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

1. OVR is used to indicate a reading over range for the FID or MultiRAE.
2. The Landtec landfill gas analyzer displays "OVR" for any results calculated higher than 99.9% for an individual reading.
3. N/A is used to indicate that a reading was not collected because it was unnecessary (i.e., a direct port for helium if the helium leak check was successful). NM is used to indicate that a reading was not measured.
4. NS is used to indicate that a reading was not collected because the port could not be sampled.
5. FID readings were taken with a TVA-1000. Due to oxygen concentrations less than 16% a dilution tip was used when analyzing samples. The dilution tip introduced ambient air in a 10:1 ration with the sample, which required the sample readings to be multiplied by 10 to get the actual reading. The FID readings in this spreadsheet illustrate the actual FID values that were represented in each sample.
6. Negative readings on the FID are recorded as zero.
7. VMP successfully resampled after helium leak check failure.
8. VMP unsuccessfully sampled after three attempts due to helium leak check failures.
9. VMP resampled due to issues with the canister after arriving at the laboratory.
10. VMP not sampled due to pending re-installation.
11. VMP not sampled because screen submerged below water table.
12. VMP resampled to verify results from the laboratory.
13. VMP resampled due to elevated helium readings (>10% of shroud) in canister at the laboratory.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-5	1/29/2015	0919	-0.76	-1.19	0.0	0	0.2	20.5	1.5	0.6	0.0	0.6	
VMP-1-5	2/26/2015	1045	-2.15	-1.07	0.0	0	0.1	20.8	0.4	0.2	0.0	0.2	
VMP-1-5	3/26/2015	1510	-1.05	-1.06	0.0	0	0.1	20.3	1.3	1.5	0.0	1.5	
VMP-1-5	4/23/2015	1046	-1.10	-0.80	0.0	0	0.3	18.5	1.1	1.7	0.0	1.7	
VMP-1-5	5/21/2015	1050	-0.86	-1.22	0.0	0	0.4	19.6	0.5	1.0	0.0	1.0	
VMP-1-5	6/17/2015	1521	-1.05	-0.96	0.0	0	0.7	20.0	0.6	0.5	0.0	0.5	
VMP-1-5	7/23/2015	0853	-1.27	-1.16	0.0	0	1.1	18.9	0.4	0.0	0.0	0.0	
VMP-1-5	8/20/2015	1015	-1.17	-1.30	0.0	0	1.3	19.6	0.2	0.0	0.0	0.0	
VMP-1-5	9/17/2015	1117	-0.93	-0.92	0.0	0	1.1	19.6	0.8	0.0	0.0	0.0	
VMP-1-5	10/22/2015	1040	-0.99	-0.94	0.0	0	0.5	20.2	0.3	0.0	0.0	0.0	
VMP-1-5	11/24/2015	1500	-1.10	-1.12	0.0	0	0.4	20.5	0.5	0.0	0.0	0.0	
VMP-1-5	12/17/2015	0935	-1.06	-0.18	0.0	0	0.3	20.5	0.3	0.0	0.0	0.0	
VMP-1-5	1/22/2016	1340	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-1-5	2/18/2016	1520	-0.75	-0.15	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-1-5	3/23/2016	1100	-1.25	-1.20	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-1-5	4/20/2016	0915	-4.94	-0.28	0.0	0	0.2	20.2	0.8	0.0	0.0	0.0	
VMP-1-5	5/19/2016	1105	-1.69	-1.53	0.0	0	0.3	20.4	1.6	0.6	0.0	0.6	
VMP-1-5	6/22/2016	0955	-0.87	-0.67	0.0	0	0.9	19.3	2.2	0.7	0.0	0.0	
VMP-1-5	7/21/2016	0946	-17.55	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge. Could not sample.
VMP-1-5	8/25/2016	1152	-0.77	-1.29	0.0	0	1.5	19.2	1.0	0.0	0.0	0.0	
VMP-1-5	9/22/2016	1034	-1.05	-1.00	0.0	0	1.4	18.8	0.5	0.0	0.0	0.0	
VMP-1-5	10/21/2016	1140	-0.81	-0.71	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-1-5	11/17/2016	1235	-0.52	-0.55	0.0	0	0.6	20.2	0.5	0.0	0.0	0.0	
VMP-1-5	12/22/2016	0926	-0.93	-0.93	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-8.5	1/29/2015	0919	-1.24	-1.18	0.0	0	0.1	20.8	0.8	0.4	0.0	0.4	
VMP-1-8.5-Dup	1/29/2015	0919	NM	NM	0.0	0	0.1	20.8	0.8	0.4	0.0	0.4	Duplicate sample.
VMP-1-8.5	2/26/2015	1050	-1.58	-1.64	0.0	0	0.1	20.9	0.6	0.2	0.0	0.2	
VMP-1-8.5	3/26/2015	1513	-0.96	-1.06	0.0	0	0.1	20.7	1.4	1.2	0.0	1.2	
VMP-1-8.5	4/23/2015	1047	-1.04	-0.82	0.0	0	0.2	20.6	1.0	1.4	0.0	1.4	
VMP-1-8.5	5/21/2015	1034	-0.96	-2.21	0.0	0	0.2	20.5	0.7	1.5	0.0	1.5	
VMP-1-8.5	6/17/2015	1526	-0.97	-0.97	0.0	0	0.5	20.4	0.4	0.0	0.0	0.0	
VMP-1-8.5	7/23/2015	0859	-0.70	-1.09	0.0	0	0.6	20.5	0.6	0.0	0.0	0.0	
VMP-1-8.5	8/20/2015	1020	-1.18	-1.15	0.0	0	0.7	20.4	0.3	0.0	0.0	0.0	
VMP-1-8.5	9/17/2015	1122	-0.58	-0.94	0.0	0	0.5	20.2	0.7	0.0	0.0	0.0	
VMP-1-8.5	10/22/2015	1045	-1.41	-0.93	0.0	0	0.2	20.6	0.4	0.2	0.0	0.2	
VMP-1-8.5	11/24/2015	1505	-1.11	-1.16	0.0	0	0.2	20.7	0.5	0.2	0.0	0.2	
VMP-1-8.5	12/17/2015	0940	-1.06	-0.11	0.0	0	0.1	20.7	0.3	0.0	0.0	0.0	
VMP-1-8.5	1/22/2016	1340	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-1-8.5	2/18/2016	1525	-0.59	-1.04	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-1-8.5	3/23/2016	1105	-1.25	-1.23	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-1-8.5	4/20/2016	0920	-1.31	-0.24	0.0	0	0.1	20.7	1.0	0.0	0.0	0.0	
VMP-1-8.5	5/19/2016	1110	-1.58	-1.55	0.0	0	0.3	20.6	1.4	0.3	0.0	0.3	
VMP-1-8.5	6/22/2016	1000	-0.87	-0.68	0.0	0	0.4	20.2	1.6	1.0	0.0	1.0	
VMP-1-8.5	7/21/2016	0947	-0.83	-0.79	0.0	0	0.7	20.3	0.5	0.0	0.0	0.0	
VMP-1-8.5	8/25/2016	1152	-1.26	-1.21	0.0	0	0.7	20.2	0.9	0.0	0.0	0.0	
VMP-1-8.5	9/22/2016	1036	-1.04	-1.03	0.0	0	0.7	20.1	1.0	0.0	0.0	0.0	
VMP-1-8.5	10/21/2016	1142	-0.71	-0.63	0.0	0	0.5	20.5	0.1	0.0	0.0	0.0	
VMP-1-8.5	11/17/2016	1236	-0.60	-0.72	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	
VMP-1-8.5	12/22/2016	0928	-0.92	-0.96	0.0	0	0.2	20.7	0.2	2.5	2.5	0.0	

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-23.5	1/29/2015	0919	-1.49	-1.36	0.0	0	0.2	20.7	0.8	0.6	0.0	0.6	
VMP-1-23.5	2/26/2015	1055	-1.79	-1.71	0.0	0	0.2	20.9	0.6	0.2	0.0	0.2	
VMP-1-23.5	3/26/2015	1517	-1.15	-1.21	0.0	0	0.2	20.8	1.0	1.6	0.0	1.6	
VMP-1-23.5	4/23/2015	1048	-1.22	-0.97	0.0	0	0.3	20.4	0.9	1.0	0.0	1.0	
VMP-1-23.5	5/21/2015	1058	-1.19	-1.64	0.0	0	0.3	20.3	0.7	1.6	0.0	1.6	
VMP-1-23.5	6/17/2015	1531	-3.54	-1.13	0.0	0	0.5	20.5	0.5	0.0	0.0	0.0	
VMP-1-23.5	7/23/2015	0903	-1.48	-1.40	0.0	0	0.7	20.4	0.6	0.0	0.0	0.0	
VMP-1-23.5	8/20/2015	1025	-1.44	-1.39	0.0	0	0.7	20.4	0.3	0.0	0.0	0.0	
VMP-1-23.5	9/17/2015	1127	-1.19	-1.19	0.0	0	0.5	20.5	0.6	0.0	0.0	0.0	
VMP-1-23.5	10/22/2015	1050	-0.95	-1.23	0.0	0	0.2	20.6	0.5	0.1	0.0	0.1	
VMP-1-23.5-Dup	10/22/2015	1050	NM	NM	0.0	0	0.2	20.6	0.5	0.1	0.0	0.1	Duplicate sample.
VMP-1-23.5	11/24/2015	1510	-1.34	-1.38	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-1-23.5	12/17/2015	0945	-1.30	-0.14	0.0	0	0.1	20.6	0.2	0.0	0.0	0.0	
VMP-1-23.5	1/22/2016	1335	2.65	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-1-23.5	2/18/2016	1529	-0.94	-1.03	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-1-23.5	3/23/2016	1100	-1.25	-1.20	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-1-23.5	4/20/2016	0925	-0.92	-0.55	0.0	0	0.1	20.8	1.4	0.3	0.0	0.3	
VMP-1-23.5	5/19/2016	1115	-1.98	-1.82	0.0	0	0.3	20.5	1.7	1.0	0.0	1.0	
VMP-1-23.5-Dup	5/19/2016	1115	NM	NM	0.0	0	0.3	20.6	1.7	0.9	0.0	0.9	Duplicate sample.
VMP-1-23.5	6/22/2016	1005	-0.54	-0.85	0.0	0	0.4	20.1	2.1	0.9	0.0	0.9	
VMP-1-23.5	7/21/2016	0948	-1.31	-0.91	0.0	0	0.9	20.0	0.8	0.0	0.0	0.0	
VMP-1-23.5	8/25/2016	1153	-2.04	-1.49	0.0	0	1.0	19.9	1.6	0.0	0.0	0.0	
VMP-1-23.5	9/22/2016	1038	-1.26	-1.25	0.0	0	1.0	19.6	1.5	0.0	0.0	0.0	
VMP-1-23.5-Dup	9/22/2016	1038	NM	NM	0.0	0	1.0	19.7	1.3	0.0	0.0	0.0	Duplicate sample.
VMP-1-23.5	10/21/2016	1143	-0.58	-0.51	0.0	0	0.9	20.3	0.6	0.0	0.0	0.0	
VMP-1-23.5	11/17/2016	1237	-0.60	-0.72	0.0	0	0.8	20.1	1.2	0.0	0.0	0.0	
VMP-1-23.5	12/22/2016	0930	-1.20	-1.19	0.0	0	0.5	20.4	0.4	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-38.5	1/29/2015	0919	-5.31	-5.45	1.6	32	8.7	8.3	240	1030	50.3	980	
VMP-1-38.5	2/26/2015	1100	-5.00	-5.08	4.6	94	8.8	8.6	332	2880	95.0	2786	
VMP-1-38.5	3/26/2015	1520	-4.01	-4.05	16.5	OVR	9.3	6.9	431	3560	113	3447	
VMP-1-38.5-Dup	3/26/2015	1520	NM	NM	19.1	OVR	9.8	6.4	431	3860	107	3753	Duplicate sample.
VMP-1-38.5	4/23/2015	1049	-4.41	-3.70	0.3	6	7.0	11.4	30.7	629	321	308	
VMP-1-38.5-Dup	4/23/2015	1049	NM	NM	0.3	7	7.2	10.9	30.7	722	345	377	Duplicate sample.
VMP-1-38.5	5/21/2015	1102	-4.52	-5.52	0.0	0	5.9	11.9	11.5	133	70.0	63.0	
VMP-1-38.5	6/17/2015	1536	-4.76	-4.32	0.0	0	6.9	11.7	5.6	51.0	29.0	23.0	
VMP-1-38.5	7/23/2015	0907	-5.19	-5.19	0.0	0	5.0	14.7	0.8	0.0	0.0	0.0	
VMP-1-38.5	8/20/2015	1030	-5.60	-5.53	0.0	0	4.8	15.2	0.4	0.0	0.0	0.0	
VMP-1-38.5-Dup	8/20/2015	1030	NM	NM	0.0	0	4.8	15.2	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-1-38.5	9/17/2015	1132	-2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	10/22/2015	1055	-0.96	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	11/24/2015	1515	-2.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	12/17/2015	0950	-3.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	1/22/2016	1340	2.57	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	2/18/2016	1534	-1.65	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	3/23/2016	1115	-0.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	4/20/2016	0930	-2.68	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	5/19/2016	1120	-25.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	6/22/2016	1010	1.03	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	7/21/2016	0949	-26.14	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	8/25/2016	1154	-5.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	9/22/2016	1040	-21.91	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	10/21/2016	1144	-0.17	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	11/17/2016	1238	-14.23	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	12/22/2016	0933	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-2-5	1/29/2015	1012	-0.94	-0.93	0.0	0	0.1	20.9	0.9	1.2	0.0	1.2	
VMP-2-5	2/27/2015	1109	-0.69	-0.55	0.0	0	0.1	20.9	0.5	1.0	0.0	1.0	
VMP-2-5	3/26/2015	1533	-1.14	-1.11	0.0	0	0.1	20.9	1.3	1.3	0.0	1.3	
VMP-2-5	4/23/2015	1103	-1.12	-0.93	0.0	0	0.1	20.9	1.1	1.6	0.0	1.6	
VMP-2-5	5/21/2015	1306	-1.28	-1.43	0.0	0	0.1	20.8	0.5	2.3	0.0	2.3	
VMP-2-5	6/18/2015	0929	-1.21	-0.97	0.0	0	0.2	20.5	0.5	2.7	0.0	2.7	
VMP-2-5	7/23/2015	0934	-1.22	-1.13	0.0	0	0.1	20.9	0.5	0.4	0.0	0.4	
VMP-2-5	8/20/2015	1305	-0.88	-0.91	0.0	0	0.1	20.8	0.0	1.7	1.7	0.0	
VMP-2-5	9/17/2015	1158	-0.75	-0.79	0.0	0	0.0	20.9	0.7	0.0	0.0	0.0	
VMP-2-5	10/22/2015	1034	-0.60	-0.51	0.0	0	0.0	20.9	0.6	1.0	0.0	1.0	
VMP-2-5	11/24/2015	1120	0.00	0.00	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-2-5	12/17/2015	1307	0.00	0.00	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-2-5	1/21/2016	1320	0.00	-0.22	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-2-5	2/18/2016	1544	-0.11	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-2-5	3/23/2016	1310	0.00	0.00	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-2-5	4/20/2016	1015	0.00	0.00	0.0	0	0.5	20.0	0.3	0.0	0.0	0.0	
VMP-2-5	5/19/2016	1325	-0.09	-0.09	0.0	0	0.5	20.4	0.6	0.0	0.0	0.0	
VMP-2-5	6/22/2016	1100	0.00	0.00	0.0	0	2.7	15.9	0.5	0.0	0.0	0.0	
VMP-2-5	7/21/2016	1012	0.00	0.00	0.0	0	5.6	14.4	0.0	0.0	0.0	0.0	
VMP-2-5	8/25/2016	1050	0.00	0.00	0.0	0	5.0	15.7	0.1	0.0	0.0	0.0	
VMP-2-5	9/22/2016	1136	-0.45	0.00	0.0	0	5.3	15.1	0.2	0.0	0.0	0.0	
VMP-2-5	10/21/2016	1345	-0.10	-0.16	0.0	0	4.2	17.1	0.0	0.0	0.0	0.0	
VMP-2-5	11/17/2016	1325	0.00	0.00	0.0	0	3.1	17.8	0.4	0.0	0.0	0.0	
VMP-2-5	12/22/2016	1027	-0.27	0.00	0.0	0	1.6	19.9	0.3	0.0	0.0	0.0	

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-2-8.5	1/29/2015	1012	-1.04	-1.08	0.0	0	0.1	20.9	1.3	1.5	0.0	1.5	
VMP-2-8.5	2/27/2015	1109	-0.79	-0.64	0.0	0	0.1	20.9	0.6	0.7	0.0	0.7	
VMP-2-8.5	3/26/2015	1537	-1.13	-1.12	0.0	0	0.1	20.9	1.0	0.7	0.0	0.7	
VMP-2-8.5	4/23/2015	1104	-1.12	-0.98	0.0	0	0.2	20.7	0.9	1.3	0.0	1.3	
VMP-2-8.5-Dup	4/23/2015	1104	NM	NM	0.0	0	0.2	20.7	0.9	1.0	0.0	1.0	Duplicate sample.
VMP-2-8.5	5/21/2015	1310	-1.24	-1.48	0.0	0	0.2	20.7	0.6	2.0	0.0	2.0	
VMP-2-8.5	6/18/2015	0934	-1.23	-1.00	0.0	0	0.3	20.5	0.6	2.6	0.0	2.6	
VMP-2-8.5	7/23/2015	0942	-1.28	-1.19	0.0	0	0.3	20.7	0.3	0.3	0.0	0.3	
VMP-2-8.5	8/20/2015	1310	-0.98	-1.03	0.0	0	0.2	20.7	0.2	2.2	2.2	0.0	
VMP-2-8.5	9/17/2015	1203	-0.88	0.94	0.0	0	0.1	20.8	0.2	0.7	0.0	0.7	
VMP-2-8.5	10/22/2015	1039	-0.82	-0.81	0.0	0	0.1	20.8	0.6	1.5	0.0	1.5	
VMP-2-8.5	11/24/2015	1125	-0.40	-0.38	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-2-8.5	12/17/2015	1308	0.00	0.00	0.0	0	0.4	20.7	0.1	0.0	0.0	0.0	
VMP-2-8.5	1/21/2016	1325	-0.30	-0.43	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-2-8.5	2/18/2016	1548	-0.34	-0.40	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-2-8.5	3/23/2016	1315	-0.43	-0.40	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-2-8.5	4/20/2016	1020	-0.14	-0.07	0.0	0	0.3	20.3	0.0	0.0	0.0	0.0	
VMP-2-8.5	5/19/2016	1330	-0.65	-0.68	0.0	0	0.4	20.5	0.5	0.0	0.0	0.0	
VMP-2-8.5	6/22/2016	1105	0.00	0.00	0.0	0	1.0	18.9	0.6	0.0	0.0	0.0	
VMP-2-8.5	7/21/2016	1013	0.00	0.00	0.0	0	2.5	17.2	0.3	0.0	0.0	0.0	
VMP-2-8.5	8/25/2016	1051	-0.16	0.00	0.0	0	3.4	16.9	0.0	0.0	0.0	0.0	
VMP-2-8.5	9/22/2016	1138	0.00	0.00	0.0	0	4.0	16.2	0.3	0.0	0.0	0.0	
VMP-2-8.5	10/21/2016	1346	-0.11	-0.17	0.0	0	3.8	17.2	0.0	0.0	0.0	0.0	
VMP-2-8.5	11/17/2016	1326	0.00	0.00	0.0	0	3.0	17.6	0.0	0.0	0.0	0.0	
VMP-2-8.5	12/22/2016	1030	-0.18	-0.22	0.0	0	2.9	18.6	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-2-22	1/29/2015	1012	-1.19	-1.96	0.0	0	0.4	20.6	1.7	0.7	0.0	0.7	
VMP-2-22	2/27/2015	1109	-1.47	-1.19	0.0	0	0.3	20.7	0.5	0.4	0.0	0.4	
VMP-2-22	3/26/2015	1540	-1.64	-1.63	0.0	0	0.4	20.7	1.0	1.1	0.0	1.1	
VMP-2-22	4/23/2015	1105	-1.69	-1.39	0.0	0	0.4	20.2	0.8	1.1	0.0	1.1	
VMP-2-22	5/21/2015	1314	-1.80	-2.10	0.0	0	0.6	19.8	0.7	2.2	0.0	2.2	
VMP-2-22	6/18/2015	0939	-1.79	-1.57	0.0	0	1.1	19.3	0.7	1.2	0.0	1.2	
VMP-2-22	7/23/2015	0946	-2.23	-1.85	0.0	0	1.7	19.3	0.3	0.0	0.0	0.0	
VMP-2-22	8/20/2015	1315	-1.65	-1.70	0.0	0	1.7	19.6	0.1	0.0	0.0	0.0	
VMP-2-22	9/17/2015	1208	-1.64	-1.68	0.0	0	1.4	19.4	0.6	0.0	0.0	0.0	
VMP-2-22-Dup	9/17/2015	0000	NM	NM	0.0	0	1.3	19.5	0.8	0.8	0.0	0.8	Duplicate sample.
VMP-2-22-Dup	9/17/2015	1208	NM	NM	0.0	0	1.3	19.5	0.6	0.8	0.0	0.8	Duplicate sample.
VMP-2-22	10/22/2015	1044	-1.87	-1.86	0.0	0	0.6	20.4	0.6	0.6	0.0	0.6	
VMP-2-22	11/24/2015	1130	-1.83	-1.77	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-2-22	12/17/2015	1309	0.00	-0.11	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-2-22	1/21/2016	1330	-1.02	-1.24	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-2-22	2/18/2016	1553	-1.38	-1.62	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-2-22	3/23/2016	1320	-1.57	-1.55	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-2-22	4/20/2016	1025	-0.46	-0.30	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-2-22	5/19/2016	1335	-2.24	-2.26	0.0	0	0.6	20.2	0.2	0.0	0.0	0.0	
VMP-2-22	6/22/2016	1110	-0.11	-0.18	0.0	0	0.8	19.3	0.3	0.0	0.0	0.0	
VMP-2-22	7/21/2016	1014	-0.24	-0.15	0.0	0	1.9	17.8	0.0	0.0	0.0	0.0	
VMP-2-22	8/25/2016	1052	0.00	0.00	0.0	0	2.6	17.6	0.0	0.0	0.0	0.0	
VMP-2-22	9/22/2016	1140	0.00	-0.21	0.0	0	3.2	16.9	0.3	0.0	0.0	0.0	
VMP-2-22	10/21/2016	1347	-0.11	-0.15	0.0	0	3.0	17.1	0.1	0.0	0.0	0.0	
VMP-2-22	11/17/2016	1327	0.39	0.00	0.0	0	2.9	17.8	0.3	0.0	0.0	0.0	
VMP-2-22	12/22/2016	1033	-1.84	-0.13	0.0	0	2.3	19.0	0.2	0.0	0.0	0.0	
VMP-2-22-Dup	12/22/2016	1033	NM	NM	0.0	0	2.3	19.0	0.0	0.0	0.0	0.0	Duplicate sample.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-2-42	1/29/2015	1012	-2.96	-2.74	OVR	OVR	8.6	2.1	59.9	1000000	942000	58000	
VMP-2-42	2/27/2015	1109	-1.74	-1.44	OVR	OVR	7.0	4.0	27.9	1000000	957000	43000	
VMP-2-42	3/26/2015	1544	-1.83	-1.83	OVR	OVR	7.7	3.4	43.5	1000000	1000000	0.0	
VMP-2-42	4/23/2015	1106	-2.26	-1.61	OVR	OVR	6.9	3.4	40.2	1000000	1000000	0.0	
VMP-2-42	5/21/2015	1318	-2.26	-2.34	OVR	OVR	6.5	2.7	32.5	1000000	1000000	0.0	
VMP-2-42-Dup	5/21/2015	1318	NM	NM	OVR	OVR	6.4	4.0	32.5	1000000	724000	276000	Duplicate sample.
VMP-2-42	6/18/2015	0944	-2.35	-1.94	OVR	OVR	6.1	4.1	18.0	1000000	1000000	0.0	
VMP-2-42	7/23/2015	0950	-2.54	-2.42	OVR	OVR	7.2	1.3	25.2	1000000	1000000	0.0	Flame-out occurred on FID, but not on methane scrubber.
VMP-2-42	8/20/2015	1320	-2.31	-2.23	OVR	OVR	7.0	1.2	17.4	1000000	1000000	0.0	Flame-out occurred on FID, but not on methane scrubber.
VMP-2-42	9/17/2015	1213	0.13	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	10/22/2015	1049	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	11/24/2015	1135	-0.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	12/17/2015	1310	-0.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	1/21/2016	1335	-0.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	2/18/2016	1558	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	3/23/2016	1325	-9.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	4/20/2016	1030	-0.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	5/19/2016	1340	-2.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	6/22/2016	1115	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	7/21/2016	1015	0.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	8/25/2016	1053	-0.66	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	9/22/2016	1141	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	10/21/2016	1348	-0.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	11/17/2016	1328	3.64	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	12/22/2016	1036	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-5	1/29/2015	1110	-1.04	-1.20	0.0	0	0.2	19.8	0.9	0.6	0.0	0.6	
VMP-3-5	2/26/2015	1409	-1.31	-1.22	0.0	0	0.2	20.9	0.6	0.4	0.0	0.4	
VMP-3-5	3/27/2015	0932	-1.15	-1.37	0.0	0	0.2	20.6	0.5	0.5	0.0	0.5	
VMP-3-5	4/23/2015	1037	-0.37	-1.01	0.0	0	0.4	20.2	1.4	1.9	0.0	1.9	
VMP-3-5	5/21/2015	1347	-1.03	-1.24	0.0	0	0.5	19.8	0.5	3.7	0.0	3.7	
VMP-3-5	6/18/2015	1029	-1.67	-1.45	0.0	0	0.7	19.1	0.6	1.6	0.0	1.6	
VMP-3-5	7/23/2015	0100	-1.42	-1.09	0.0	0	0.3	20.7	0.6	2.0	0.0	2.0	
VMP-3-5	7/23/2015	1000	-1.42	-1.09	0.0	0	0.3	20.7	0.6	2.0	0.0	2.0	
VMP-3-5	8/20/2015	1433	0.00	0.00	0.0	0	0.4	20.1	0.3	0.4	0.0	0.4	
VMP-3-5	9/17/2015	1421	-1.77	-0.90	0.0	0	0.2	20.8	0.5	0.6	0.0	0.6	
VMP-3-5	10/22/2015	1056	-0.96	-0.61	0.0	0	0.1	20.8	0.7	1.6	0.0	1.6	
VMP-3-5	11/24/2015	1050	-0.11	0.00	0.0	0	0.1	19.2	0.1	0.0	0.0	0.0	
VMP-3-5	12/17/2015	1210	-9.43	-0.10	0.0	0	0.1	20.2	0.1	0.2	0.0	0.0	
VMP-3-5	1/21/2016	1355	-4.85	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-3-5	2/18/2016	1625	-1.39	-0.25	0.0	0	0.0	19.5	0.0	0.0	0.0	0.0	
VMP-3-5	3/23/2016	1425	-1.47	-1.21	0.0	0	0.0	20.5	0.3	0.0	0.0	0.0	
VMP-3-5	4/20/2016	1150	-0.10	-0.03	0.0	0	0.1	19.8	0.5	1.2	0.0	1.2	
VMP-3-5	5/19/2016	1435	-1.99	0.00	0.0	0	0.4	20.1	1.3	0.8	0.0	0.8	
VMP-3-5	6/22/2016	1315	-0.48	-0.24	0.0	0	0.0	20.9	0.8	0.5	0.0	0.5	
VMP-3-5	7/21/2016	1031	0.00	0.00	0.0	0	0.0	20.1	0.2	0.0	0.0	0.0	
VMP-3-5	8/25/2016	1345	-0.45	-0.25	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-3-5	9/22/2016	1330	-0.23	-0.12	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-3-5	10/21/2016	1436	0.00	-0.19	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-3-5	11/17/2016	1135	0.00	0.00	0.0	0	0.0	20.9	0.2	0.2	0.0	0.2	
VMP-3-5	12/5/2016	1159	-0.18	NM	0.0	0	0.1	20.2	0.2	0.0	0.0	0.0	
VMP-3-5	12/22/2016	1125	-0.28	-0.29	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-10	1/29/2015	1110	-0.98	-1.28	0.0	0	0.2	20.7	1.1	0.9	0.0	0.9	
VMP-3-10	2/26/2015	1409	-1.22	-1.20	0.0	0	0.2	20.6	1.5	0.7	0.0	0.7	
VMP-3-10	3/27/2015	0932	-1.91	-1.75	0.0	0	0.3	20.8	0.7	0.3	0.0	0.3	
VMP-3-10	4/23/2015	1042	-1.52	-1.41	0.0	0	0.6	20.5	1.4	1.5	0.0	1.5	
VMP-3-10	5/21/2015	1351	-1.39	-1.52	0.0	0	0.5	20.3	0.6	2.8	0.0	2.8	
VMP-3-10	6/18/2015	1039	-2.04	-2.05	0.0	0	1.1	19.8	0.5	1.0	0.0	1.0	
VMP-3-10	7/23/2015	1004	-1.51	-1.48	0.0	0	0.5	20.6	0.5	1.1	0.0	1.1	
VMP-3-10	8/20/2015	1438	-1.81	-1.92	0.0	0	1.4	19.9	0.2	0.0	0.0	0.0	
VMP-3-10	9/17/2015	1426	-1.44	-1.47	0.0	0	1.6	19.7	0.1	0.0	0.0	0.0	
VMP-3-10	10/22/2015	1101	-0.90	-1.02	0.0	0	0.2	20.6	0.6	1.4	0.0	1.4	
VMP-3-10	11/24/2015	1055	-2.03	-1.80	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-3-10	12/17/2015	1215	-0.12	-0.14	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-3-10	1/21/2016	1400	-0.89	-0.97	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-3-10	2/18/2016	1630	-1.44	-1.23	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-3-10	3/23/2016	1430	-1.27	-1.51	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-3-10	4/20/2016	1155	-0.11	-0.04	0.0	0	0.3	20.4	0.7	7.9	6.8	1.1	
VMP-3-10	5/19/2016	1440	-2.53	-2.51	0.0	0	0.3	20.7	1.2	0.6	0.0	0.6	
VMP-3-10	6/22/2016	1320	-1.00	-0.86	0.0	0	0.2	20.6	0.4	0.0	0.0	0.0	
VMP-3-10	7/21/2016	1032	-1.48	-1.34	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-3-10	8/25/2016	1346	-1.59	-1.40	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-3-10	9/22/2016	1332	-1.50	-1.37	0.0	0	0.0	20.8	0.3	0.0	0.0	0.0	
VMP-3-10	10/21/2016	1439	-1.46	-1.41	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-3-10	11/17/2016	1136	-0.55	-0.54	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-3-10	12/5/2016	1200	0.12	NM	0.0	0	0.5	20.1	0.2	0.0	0.0	0.0	
VMP-3-10	12/22/2016	1128	-1.05	-1.04	0.0	0	0.4	20.0	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-22	1/29/2015	1110	-1.68	-1.59	0.0	0	0.6	20.3	1.0	0.3	0.0	0.3	
VMP-3-22	2/26/2015	1409	-1.58	-1.54	0.0	0	0.5	20.6	0.5	0.0	0.0	0.0	
VMP-3-22	3/27/2015	0934	-2.00	-1.97	0.0	0	0.5	20.6	0.8	0.4	0.0	0.4	
VMP-3-22	4/23/2015	1047	-1.79	-1.68	0.0	0	0.5	20.0	0.9	0.8	0.0	0.8	
VMP-3-22	5/21/2015	1355	-1.73	-1.73	0.0	0	0.9	19.9	0.6	1.8	0.0	1.8	
VMP-3-22	6/18/2015	1034	-1.73	-1.73	0.0	0	0.7	20.1	0.6	0.6	0.0	0.6	
VMP-3-22	7/23/2015	1008	-1.81	-1.76	0.0	0	1.7	19.5	0.6	0.0	0.0	0.0	
VMP-3-22	8/20/2015	1443	-1.57	-1.65	0.0	0	0.3	20.9	0.2	0.0	0.0	0.0	
VMP-3-22	9/17/2015	1431	-1.07	-1.12	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-3-22	10/22/2015	1106	-1.49	-1.42	0.0	0	0.8	20.1	0.5	0.0	0.0	0.0	
VMP-3-22	11/24/2015	1100	-2.26	-2.02	0.0	0	0.7	20.4	0.2	0.0	0.0	0.0	
VMP-3-22	12/17/2015	1220	0.00	-0.36	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-3-22	1/21/2016	1405	-1.19	-1.25	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-3-22	2/18/2016	1635	-1.81	-1.76	0.0	0	0.7	20.6	0.2	0.0	0.0	0.0	
VMP-3-22	3/23/2016	1435	-1.80	-1.88	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	
VMP-3-22	4/20/2016	1200	-0.09	-0.03	0.0	0	0.4	20.2	0.4	0.0	0.0	0.0	
VMP-3-22	5/19/2016	1445	-2.87	-2.87	0.0	0	0.6	20.5	0.6	0.0	0.0	0.0	
VMP-3-22	6/22/2016	1325	-1.52	-1.36	0.0	0	0.9	20.0	0.4	0.0	0.0	0.0	
VMP-3-22	7/21/2016	1033	-1.68	-1.53	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	
VMP-3-22	8/25/2016	1347	-2.61	-2.57	0.0	0	1.1	19.6	0.2	0.0	0.0	0.0	
VMP-3-22	9/22/2016	1335	-2.22	-2.23	0.0	0	1.3	19.5	0.3	0.0	0.0	0.0	
VMP-3-22	10/21/2016	1441	-1.85	-1.85	0.0	0	0.9	20.1	0.2	0.0	0.0	0.0	
VMP-3-22	11/17/2016	1137	-0.65	-0.64	0.0	0	0.9	20.2	0.1	0.0	0.0	0.0	
VMP-3-22	12/5/2016	1201	0.14	NM	0.0	0	1.6	19.0	0.2	0.0	0.0	0.0	
VMP-3-22	12/22/2016	1130	-1.51	-1.54	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-31.5	1/29/2015	1110	-5.21	-5.22	0.0	0	5.5	17.3	1.2	1.6	0.0	1.6	
VMP-3-31.5	2/27/2015	1153	-8.47	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge. Could not sample.
VMP-3-31.5	3/27/2015	0935	-5.02	-4.88	0.0	0	3.3	19.2	0.7	1.6	0.0	1.6	
VMP-3-31.5	4/23/2015	1052	-2.41	-1.67	0.0	0	0.4	20.6	1.1	2.3	0.0	2.3	Re-sampled due to elevated oxygen concentration.
VMP-3-31.5	4/23/2015	1603	-1.64	NM	0.0	0	1.5	20.3	1.2	3.0	0.0	3.0	Re-sample.
VMP-3-31.5	5/21/2015	1359	-1.34	-1.19	0.0	0	1.4	20.4	0.5	3.1	0.0	3.1	
VMP-3-31.5	6/18/2015	1044	-3.08	-1.84	0.0	0	0.1	20.8	0.5	2.6	0.0	2.6	
VMP-3-31.5	7/23/2015	1012	-0.94	-0.77	0.0	0	0.3	20.7	0.8	0.7	0.0	0.7	
VMP-3-31.5	8/20/2015	1448	-5.87	-1.33	0.0	0	0.3	20.7	0.2	0.3	0.0	0.3	
VMP-3-31.5	9/17/2015	1435	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP tubing broken.
VMP-3-31.5	10/22/2015	1106	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to re-installation.
VMP-3-31.5	11/24/2015	1105	-7.51	-7.12	0.0	0	5.5	17.2	0.4	2.6	0.0	2.6	
VMP-3-31.5	12/17/2015	1225	0.00	-0.36	0.0	0	5.5	17.3	0.4	0.3	0.0	0.3	
VMP-3-31.5	1/21/2016	1410	-3.91	-4.04	0.0	0	5.6	16.8	0.3	2.1	0.0	2.1	
VMP-3-31.5	2/18/2016	1640	-6.55	-6.58	0.0	0	3.3	18.7	0.2	2.2	0.0	2.2	
VMP-3-31.5	3/23/2016	1440	-7.06	-7.04	0.0	0	4.8	17.9	0.4	1.9	0.0	1.9	
VMP-3-31.5	4/20/2016	1205	-0.58	-0.36	0.0	0	4.4	17.6	0.5	3.3	0.0	3.3	
VMP-3-31.5-Dup	4/20/2016	1205	NM	NM	0.0	0	4.3	17.7	0.5	3.4	0.0	3.4	Duplicate sample.
VMP-3-31.5	5/19/2016	1450	-9.90	-9.93	0.0	0	2.6	19.0	0.6	2.7	0.0	2.7	
VMP-3-31.5	6/22/2016	1330	-11.95	-12.13	0.0	0	3.1	17.8	1.5	5.1	4.8	0.3	
VMP-3-31.5	7/21/2016	1034	-8.57	-8.51	0.0	0	3.2	17.8	0.0	5.1	5.0	0.1	
VMP-3-31.5	8/25/2016	1348	-14.32	-14.15	0.0	0	2.9	17.3	0.2	2.6	0.0	2.6	
VMP-3-31.5-Dup	8/25/2016	1348	NM	NM	0.0	0	3.1	17.4	0.2	2.8	0.0	2.8	Duplicate sample.
VMP-3-31.5	9/22/2016	1337	-12.58	-12.52	0.0	0	3.7	16.8	0.3	3.6	0.0	3.6	
VMP-3-31.5	10/21/2016	1444	-9.97	-9.98	0.0	0	3.0	17.8	0.2	6.8	6.0	0.8	
VMP-3-31.5	11/17/2016	1138	-4.70	-4.64	0.0	0	3.4	17.3	0.1	16.3	13.7	2.6	
VMP-3-31.5	12/5/2016	1202	0.30	NM	0.0	0	8.7	6.4	0.3	31.7	28.2	3.5	
VMP-3-31.5	12/22/2016	1132	-10.83	-10.56	0.0	0	3.4	18.8	0.2	15.2	14.7	0.5	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-39	1/29/2015	1110	-3.96	-3.67	0.1	3	6.0	16.6	12.2	934	778	156	
VMP-3-39	2/27/2015	1153	-3.33	-2.49	0.0	0	3.5	18.8	2.0	48.0	46.0	2.0	
VMP-3-39	2/27/2015	1220	-3.30	-2.49	0.0	0	3.5	18.8	2.1	47.8	45.9	1.9	
VMP-3-39	3/27/2015	0935	-2.05	-2.02	0.0	0	1.5	20.2	0.8	1.1	0.0	1.1	
VMP-3-39	4/23/2015	1057	-0.87	-0.71	0.0	0	0.1	20.8	0.9	2.5	0.0	2.5	Re-sampled due to elevated oxygen concentration.
VMP-3-39	4/23/2015	1604	-0.78	NM	0.0	0	0.3	20.9	0.9	2.6	0.0	2.6	Re-sample.
VMP-3-39	5/21/2015	1403	-0.89	-0.95	0.0	0	0.1	20.8	0.6	2.9	0.0	2.9	
VMP-3-39	6/18/2015	1049	-1.48	-1.56	0.0	0	0.2	20.6	0.5	1.8	0.0	1.8	
VMP-3-39-Dup	6/18/2015	1049	NM	NM	0.0	0	0.2	20.6	0.5	0.6	0.0	0.6	Duplicate sample.
VMP-3-39	7/23/2015	1016	-0.94	-0.84	0.0	0	0.3	20.7	1.1	0.6	0.0	0.6	
VMP-3-39	8/20/2015	1453	-1.04	-1.05	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-3-39	9/17/2015	1437	-0.52	-0.56	0.0	0	0.3	20.7	0.2	0.5	0.0	0.5	
VMP-3-39	10/22/2015	1106	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to pending re-installation.
VMP-3-39	11/24/2015	1110	-4.49	-3.62	0.0	0	5.8	16.5	0.4	3.2	0.0	3.2	
VMP-3-39	12/17/2015	1230	-0.74	-0.52	0.0	0	5.4	16.9	0.4	3.9	0.0	3.9	
VMP-3-39	1/21/2016	1415	-1.82	-2.42	0.0	0	5.0	17.1	0.1	0.5	0.0	0.5	
VMP-3-39-Dup	1/21/2016	1415	NM	NM	0.0	0	5.2	16.9	0.1	1.5	0.0	1.5	Duplicate sample.
VMP-3-39	2/18/2016	1645	-2.68	-2.68	0.0	0	4.2	17.9	0.3	6.7	6.2	0.5	
VMP-3-39	3/23/2016	1445	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	4/20/2016	1210	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	5/19/2016	1455	0.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	6/22/2016	1335	0.76	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	7/21/2016	1035	0.29	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	8/25/2016	1349	0.16	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	9/22/2016	1338	0.74	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	10/21/2016	1447	0.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	11/17/2016	1139	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	12/22/2016	1134	-0.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-4-5	1/29/2015	1115	-1.03	-0.99	0.0	0	0.1	20.9	0.9	1.3	0.0	1.3	
VMP-4-5	2/27/2015	1332	-1.03	-1.11	0.0	0	0.1	20.6	0.4	1.1	0.0	1.1	
VMP-4-5	3/26/2015	1506	-1.26	-1.32	0.0	0	0.1	20.9	0.9	1.1	0.0	1.1	
VMP-4-5	4/23/2015	1421	-0.98	-1.07	0.0	0	0.2	20.8	1.5	3.2	0.0	3.2	
VMP-4-5	5/21/2015	1335	-1.08	-1.39	0.0	0	0.3	20.6	0.4	1.2	0.0	1.2	
VMP-4-5	6/18/2015	1015	-1.12	-1.20	0.0	0	0.4	20.7	0.7	1.7	0.0	1.7	
VMP-4-5	7/23/2015	1029	-1.08	-1.05	0.0	0	0.5	20.6	0.4	0.0	0.0	0.0	
VMP-4-5	8/20/2015	1420	-0.97	-0.98	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-4-5	9/17/2015	1325	-0.62	-0.85	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-4-5	10/22/2015	1145	-0.78	-0.75	0.0	0	0.1	20.8	0.5	0.9	0.0	0.9	
VMP-4-5	11/24/2015	0943	-0.77	-0.65	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-4-5	12/18/2015	1030	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-4-5	1/22/2016	1308	-0.57	-0.57	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	2/18/2016	1505	-1.10	-1.12	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-4-5	3/14/2016	1033	-0.44	NM	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-4-5	3/23/2016	1410	-0.53	-0.55	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-4-5	3/28/2016	1505	-0.65	NM	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-4-5	4/20/2016	1535	-0.02	-0.02	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-4-5	5/18/2016	1545	-1.18	-1.16	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-4-5	6/22/2016	1310	-0.43	-0.52	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	
VMP-4-5	7/21/2016	1249	-0.40	-0.59	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-4-5	8/25/2016	1255	-0.60	-0.48	0.0	0	0.5	20.4	0.1	0.0	0.0	0.0	
VMP-4-5	9/22/2016	1105	-0.22	-0.26	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	10/21/2016	1211	-0.42	-0.38	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	11/17/2016	0949	-0.21	-0.17	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-4-5	12/5/2016	0946	0.00	NM	0.0	0	0.4	20.4	0.0	2.8	2.8	0.0	
VMP-4-5	12/22/2016	1425	0.49	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at -0.30 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-4-12	1/29/2015	1122	-1.97	-1.90	0.0	0	0.1	20.9	0.5	1.2	0.0	1.2	
VMP-4-12	2/27/2015	1332	-1.71	-1.83	0.0	0	0.1	20.7	0.4	1.2	0.0	1.2	
VMP-4-12	3/26/2015	1506	-2.13	-2.20	0.0	0	0.1	20.9	0.9	0.8	0.0	0.8	
VMP-4-12	4/23/2015	1426	-1.78	-1.90	0.0	0	0.2	20.8	1.2	2.3	0.0	2.3	
VMP-4-12	5/21/2015	1340	-1.95	-5.78	0.0	0	0.3	20.6	0.4	2.5	0.0	2.5	
VMP-4-12	6/18/2015	1019	-2.01	-2.16	0.0	0	0.4	20.7	0.5	2.4	0.0	2.4	
VMP-4-12	7/23/2015	1033	-1.98	-1.91	0.0	0	0.5	20.6	0.5	0.0	0.0	0.0	
VMP-4-12	8/20/2015	1425	-2.03	-1.87	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-4-12	9/17/2015	1330	-1.84	-1.27	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-4-12	10/22/2015	1150	-1.22	-1.20	0.0	0	0.2	20.6	0.5	0.7	0.0	0.7	
VMP-4-12	11/24/2015	0948	-1.83	-1.81	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-4-12	12/18/2015	1035	-0.27	0.00	0.0	0	0.0	20.7	0.0	0.0	0.0	0.0	
VMP-4-12	1/22/2016	1313	-0.88	1.17	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-12	2/18/2016	1510	-1.67	-1.60	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-4-12	3/14/2016	1038	-0.44	NM	0.0	0	0.2	20.6	0.3	0.0	0.0	0.0	
VMP-4-12	3/23/2016	1415	-0.56	-0.52	0.0	0	0.2	20.4	0.2	0.0	0.0	0.0	
VMP-4-12	3/28/2016	1510	-0.64	NM	0.0	0	0.3	20.4	0.1	0.0	0.0	0.0	
VMP-4-12	4/20/2016	1540	-0.04	-0.05	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-4-12	5/18/2016	1550	-0.48	-1.17	0.0	0	0.9	20.3	0.3	0.0	0.0	0.0	
VMP-4-12	6/22/2016	1315	-0.47	-0.51	0.0	0	1.5	19.6	0.2	0.0	0.0	0.0	
VMP-4-12	7/21/2016	1250	-0.43	-0.59	0.0	0	1.7	19.3	0.8	0.0	0.0	0.0	
VMP-4-12	8/25/2016	1256	-0.60	-0.61	0.0	0	1.6	19.3	0.3	0.0	0.0	0.0	
VMP-4-12	9/22/2016	1106	-0.21	-0.20	0.0	0	1.7	19.3	0.0	0.0	0.0	0.0	
VMP-4-12	10/21/2016	1214	-0.43	-0.40	0.0	0	1.5	19.7	0.3	0.0	0.0	0.0	
VMP-4-12	11/17/2016	0950	-0.17	-0.14	0.0	0	1.0	20.0	0.5	0.0	0.0	0.0	
VMP-4-12	12/5/2016	0947	0.00	NM	0.0	0	1.3	19.8	0.1	7.0	6.7	0.3	
VMP-4-12	12/22/2016	1430	0.39	0.00	0.0	0	0.6	20.5	0.2	0.0	0.0	0.0	Initial vacuum measured at -0.33 inwc on 12/28/2016.

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-4-23.5	1/29/2015	1127	-5.80	-5.56	1.3	27	1.9	19.3	346	1360	13.0	1347	
VMP-4-23.5	2/27/2015	1332	-4.54	-4.74	0.7	14	1.5	19.6	167	862	34.0	828	
VMP-4-23.5	3/27/2015	1506	-5.30	-5.48	2.6	53	2.5	18.7	434	2530	73.0	2457	
VMP-4-23.5	4/23/2015	1431	-5.00	-5.14	1.6	32	2.2	18.5	346	2028	41.0	1988	
VMP-4-23.5	5/21/2015	1345	-6.01	-6.01	0.6	12	1.2	19.4	156	958	19.0	939	
VMP-4-23.5	6/18/2015	1023	-5.94	-6.14	0.7	14	1.3	19.8	146	888	9.0	879	
VMP-4-23.5-Dup	6/18/2015	1023	NM	NM	1.2	25	1.7	19.3	146	1497	12.0	1485	Duplicate sample.
VMP-4-23.5	7/23/2015	1037	-6.39	-6.33	1.7	35	2.7	18.2	282	2074	17.0	2057	
VMP-4-23.5	8/20/2015	1430	-6.54	-6.50	1.0	21	1.9	19.1	207	1209	6.0	1203	
VMP-4-23.5	9/17/2015	1335	-6.89	-6.86	0.7	14	1.6	19.5	141	934	5.2	929	
VMP-4-23.5	10/22/2015	1155	-6.45	-6.93	1.5	30	2.3	18.7	311	1800	10.7	1789	
VMP-4-23.5	11/24/2015	0937	-8.90	-7.98	2.2	44	2.1	19.1	356	2174	20.8	2153	
VMP-4-23.5	12/18/2015	1040	-0.86	-0.62	1.1	22	2.3	19.2	252	1441	10.1	1431	
VMP-4-23.5	1/22/2016	1318	-1.84	-2.53	0.0	0	2.0	19.2	20.7	103	30.3	72.7	
VMP-4-23.5	2/18/2016	1515	-7.07	-7.18	0.8	16	1.8	19.5	211	1009	13.4	996	
VMP-4-23.5	3/14/2016	1043	-5.43	NM	0.8	17	1.3	19.3	167	978	6.3	972	
VMP-4-23.5	3/23/2016	1420	-7.75	-7.70	0.2	4	0.6	20.0	39.8	288	2.8	285	
VMP-4-23.5	3/28/2016	1515	-8.00	NM	1.3	26	1.8	19.3	302	1455	19.9	1435	
VMP-4-23.5	4/20/2016	1545	0.06	0.09	0.3	6	1.7	18.9	48.1	623	232	391	
VMP-4-23.5	5/18/2016	1555	-10.22	-10.26	0.3	7	0.7	20.4	65.8	404	4.2	400	
VMP-4-23.5	6/22/2016	1320	-5.62	-5.55	0.1	2	1.0	19.6	6.2	406	318	88.0	
VMP-4-23.5	7/21/2016	1251	-0.66	-4.22	0.2	5	2.0	18.7	39.3	518	225	293	
VMP-4-23.5	8/25/2016	1257	-0.28	-7.05	0.3	7	1.6	19.0	77.7	431	12.0	419	
VMP-4-23.5	9/22/2016	1107	-3.64	-3.62	0.1	3	1.4	19.5	34.7	202	15.5	187	
VMP-4-23.5-Dup	9/22/2016	1107	NM	NM	0.3	7	2.0	18.8	85.7	412	21.9	390	Duplicate sample.
VMP-4-23.5	10/21/2016	1217	-5.79	-5.45	0.1	2	1.6	19.3	30.1	166	13.1	153	
VMP-4-23.5	11/17/2016	0951	-3.07	-2.90	0.5	10	2.5	18.3	96.5	537	59.5	478	
VMP-4-23.5	12/5/2016	0948	0.00	NM	0.0	0	2.7	18.1	1.6	101	91.7	9.3	
VMP-4-23.5	12/22/2016	1433	6.27	0.00	0.0	1	1.4	19.5	4.2	312	261	51.0	Initial vacuum measured at -5.56 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-4-39	1/29/2015	1130	NM	NM	NM	NM	NM	NM	NM	MN	NM	NM	Screen submerged.
VMP-4-39	2/27/2015	1332	0.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	3/26/2015	1507	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	4/23/2015	1436	-0.63	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	5/21/2015	1350	-0.57	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	6/18/2015	1027	-0.21	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	7/23/2015	1041	1.93	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	8/20/2015	1435	-0.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	9/17/2015	1340	-0.32	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	10/22/2015	1200	-0.11	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	11/24/2015	0938	-0.13	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	12/18/2015	1045	-0.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	1/22/2016	1323	-0.71	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	2/18/2016	1520	0.86	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	3/14/2016	1048	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	3/23/2016	1425	-0.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	3/28/2016	1520	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	4/20/2016	1550	0.22	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	5/18/2016	1600	-0.18	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	6/22/2016	1325	1.61	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	7/21/2016	1252	2.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	8/25/2016	1258	-0.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	9/22/2016	1108	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	10/21/2016	1219	-0.39	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	11/17/2016	0952	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	12/22/2016	1435	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-5-5	1/29/2015	1452	-0.14	-0.14	0.0	0	0.1	20.9	0.8	1.2	0.0	1.2	
VMP-5-5	2/26/2015	1135	-0.12	-0.13	0.0	0	0.2	20.8	0.8	0.4	0.0	0.4	
VMP-5-5	3/26/2015	1358	-0.13	-0.15	0.0	0	0.2	20.9	0.8	1.3	0.0	1.3	
VMP-5-5	4/23/2015	1507	-0.20	-0.24	0.0	0	0.2	20.9	1.2	1.9	0.0	1.9	
VMP-5-5	5/21/2015	1315	-0.18	-0.17	0.0	0	0.2	20.8	0.4	1.2	0.0	1.2	
VMP-5-5	6/18/2015	0925	-0.23	-0.19	0.0	0	0.3	20.6	0.4	2.2	0.0	2.2	
VMP-5-5	7/23/2015	1051	-0.22	-0.19	0.0	0	0.4	20.7	0.6	0.0	0.0	0.0	
VMP-5-5	8/20/2015	1040	-0.21	-0.21	0.0	0	0.3	20.4	0.4	0.0	0.0	0.0	
VMP-5-5	9/17/2015	1040	-0.12	-0.16	0.0	0	0.2	20.7	0.6	0.0	0.0	0.0	
VMP-5-5	10/22/2015	1300	-0.15	0.00	0.0	0	0.1	20.5	0.3	0.0	0.0	0.0	
VMP-5-5	11/24/2015	1212	-0.19	-0.17	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-5-5	12/18/2015	0905	-0.15	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-5-5	1/21/2016	1423	-0.46	-0.57	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-5-5	2/18/2016	1410	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-5-5	3/23/2016	0845	-0.19	-0.17	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-5-5	4/21/2016	1425	0.00	-0.10	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-5-5	5/18/2016	1455	-0.11	-0.13	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-5-5	6/22/2016	1030	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-5-5	7/21/2016	1320	0.00	-0.18	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-5-5	8/25/2016	0955	0.00	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-5-5	9/22/2016	0944	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-5-5	10/21/2016	1017	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-5-5	11/17/2016	0813	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-5-5	12/22/2016	1341	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at -0.15 inwc on 12/28/2016.

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-5-12.5	1/29/2015	1454	-0.28	-0.38	0.0	0	0.1	20.9	0.0	1.7	0.0	1.7	
VMP-5-12.5	2/26/2015	1135	-0.32	-0.24	0.0	0	0.2	20.8	0.8	0.3	0.0	0.3	
VMP-5-12.5	3/26/2015	1358	-0.38	-0.39	0.0	0	0.2	20.9	0.8	1.0	0.0	1.0	
VMP-5-12.5	4/23/2015	1508	-0.47	-0.50	0.0	0	0.2	20.9	1.1	1.5	0.0	1.5	
VMP-5-12.5	5/21/2015	1320	-0.50	-0.51	0.0	0	0.2	20.8	0.4	1.4	0.0	1.4	
VMP-5-12.5	6/18/2015	0929	-0.54	-0.49	0.0	0	0.3	20.5	0.5	1.5	0.0	1.5	
VMP-5-12.5	7/23/2015	1055	-0.40	-0.27	0.0	0	0.3	20.7	0.6	0.0	0.0	0.0	
VMP-5-12.5	8/20/2015	1045	-0.84	-0.53	0.0	0	0.3	20.5	0.5	0.0	0.0	0.0	
VMP-5-12.5	9/17/2015	1045	0.00	0.47	0.0	0	0.3	20.4	0.4	0.0	0.0	0.0	
VMP-5-12.5	10/22/2015	1305	-0.45	-0.38	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-5-12.5	11/24/2015	1217	-0.55	-0.51	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-5-12.5	12/18/2015	0910	-0.27	-0.15	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-5-12.5	1/21/2016	1432	-0.25	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-5-12.5	2/18/2016	1415	-0.40	-0.34	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-5-12.5	3/23/2016	0850	-0.81	-0.81	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-5-12.5	4/21/2016	1430	-0.55	-0.55	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-5-12.5	5/18/2016	1500	-0.88	-0.88	0.0	0	0.1	20.8	0.5	0.0	0.0	0.0	
VMP-5-12.5	6/22/2016	1035	-0.51	-0.55	0.0	0	0.2	20.6	0.3	0.0	0.0	0.0	
VMP-5-12.5	7/21/2016	1321	-0.36	-0.47	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	
VMP-5-12.5	8/25/2016	0956	-0.50	-0.47	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-5-12.5	9/22/2016	0945	-0.22	-0.18	0.0	0	0.6	20.3	0.4	0.0	0.0	0.0	
VMP-5-12.5	10/21/2016	1020	-0.47	-0.43	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-5-12.5	11/17/2016	0814	-0.21	-0.21	0.0	0	0.2	20.7	2.7	31.4	0.0	31.4	Re-sampled due to anomalous THC.
VMP-5-12.5	11/17/2016	1410	-0.13	NM	0.0	0	0.2	20.7	3.1	23.1	0.0	23.1	Re-sample.
VMP-5-12.5	12/22/2016	1345	0.00	0.62	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at -0.48 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-5-31	1/29/2015	1456	-1.84	-1.99	0.0	0	0.6	20.5	1.5	0.2	0.0	0.2	
VMP-5-31	2/26/2015	1135	-1.57	-1.65	0.0	0	0.6	20.5	0.7	0.3	0.0	0.3	
VMP-5-31	3/26/2015	1358	-2.25	-2.23	0.0	0	0.6	20.5	0.9	0.8	0.0	0.8	
VMP-5-31	4/23/2015	1509	-2.26	-2.35	0.0	0	0.5	20.6	1.1	1.5	0.0	1.5	
VMP-5-31	5/21/2015	1325	-2.74	-2.69	0.0	0	0.5	20.3	0.5	1.5	0.0	1.5	
VMP-5-31	6/18/2015	0933	-2.58	-2.75	0.0	0	0.7	20.1	0.4	0.4	0.0	0.4	
VMP-5-31	7/23/2015	1059	-2.90	-2.85	0.0	0	0.9	20.2	0.3	0.0	0.0	0.0	
VMP-5-31	8/20/2015	1050	-3.07	-2.97	0.0	0	0.9	20.0	0.4	0.0	0.0	0.0	
VMP-5-31	9/17/2015	1050	-2.89	-2.86	0.0	0	0.7	20.3	0.5	0.0	0.0	0.0	
VMP-5-31	10/22/2015	1310	-2.86	-2.72	0.0	0	0.5	20.4	0.2	0.0	0.0	0.0	
VMP-5-31	11/24/2015	1222	-0.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-31	12/18/2015	0915	-1.01	-0.72	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-5-31	1/21/2016	1437	-1.51	-1.63	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-5-31	2/18/2016	1420	-2.40	-2.27	0.0	0	0.4	20.4	0.2	0.0	0.0	0.0	
VMP-5-31	3/23/2016	0855	-3.72	-3.70	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-5-31	4/21/2016	1435	-2.75	-2.70	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-5-31	5/18/2016	1505	-5.17	-4.07	0.0	0	0.4	20.6	0.5	0.0	0.0	0.0	
VMP-5-31	6/22/2016	1040	-2.66	-2.75	0.0	0	0.5	20.1	0.5	0.0	0.0	0.0	
VMP-5-31	7/21/2016	1322	-1.52	-1.57	0.0	0	0.7	20.1	0.2	0.0	0.0	0.0	
VMP-5-31	8/25/2016	0957	-2.23	-2.30	0.0	0	0.9	19.8	0.6	0.0	0.0	0.0	
VMP-5-31	9/22/2016	0946	-0.70	-0.67	0.0	0	1.1	19.7	0.1	0.0	0.0	0.0	
VMP-5-31	10/21/2016	1023	-1.82	-1.81	0.0	0	1.2	20.0	0.0	0.0	0.0	0.0	
VMP-5-31	11/17/2016	0815	-0.79	-0.77	0.0	0	0.9	20.0	0.1	0.0	0.0	0.0	
VMP-5-31	12/22/2016	1348	2.97	3.02	0.0	0	0.8	20.2	0.1	0.0	0.0	0.0	Initial vacuum measured at -2.38 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-5-40	1/29/2015	1458	-1.86	-2.02	0.0	0	1.4	19.9	0.9	0.6	0.0	0.6	
VMP-5-40	2/26/2015	1135	-1.57	-1.66	0.0	0	1.3	20.0	1.2	0.3	0.0	0.3	
VMP-5-40	3/26/2015	1359	-2.27	-2.22	0.0	0	1.3	19.9	1.1	2.1	0.0	2.1	
VMP-5-40	4/23/2015	1510	-2.28	-2.36	0.0	0	1.2	20.0	1.3	2.6	0.0	2.6	
VMP-5-40	5/21/2015	1330	-2.75	-2.72	0.0	0	1.2	19.7	0.4	0.7	0.0	0.7	
VMP-5-40	6/18/2015	0937	-2.84	-2.73	0.0	0	1.3	19.5	0.4	0.7	0.0	0.7	
VMP-5-40	7/23/2015	1103	-2.93	-2.91	0.0	0	1.6	19.3	0.4	0.0	0.0	0.0	
VMP-5-40	8/20/2015	1055	-3.01	-3.01	0.0	0	1.7	19.4	0.4	0.0	0.0	0.0	
VMP-5-40	9/17/2015	1055	-2.91	-2.89	0.0	0	1.7	19.3	0.7	0.0	0.0	0.0	
VMP-5-40	10/22/2015	1315	-2.88	-2.74	0.0	0	1.6	19.5	0.4	0.0	0.0	0.0	
VMP-5-40	11/24/2015	1227	-3.23	-3.22	0.0	0	1.3	20.1	0.1	0.0	0.0	0.0	
VMP-5-40	12/18/2015	0920	-1.04	-0.71	0.0	0	1.1	20.1	0.2	0.0	0.0	0.0	
VMP-5-40	1/21/2016	1442	-1.51	-1.62	0.0	0	1.3	20.0	0.2	0.0	0.0	0.0	
VMP-5-40	2/18/2016	1425	-2.46	-2.28	0.0	0	1.2	20.0	0.3	0.0	0.0	0.0	
VMP-5-40	3/23/2016	0900	-3.72	-3.76	0.0	0	1.0	20.1	0.3	0.0	0.0	0.0	
VMP-5-40	4/21/2016	1440	-2.79	-2.74	0.0	0	0.6	20.3	0.1	0.0	0.0	0.0	
VMP-5-40	5/18/2016	1510	-4.07	-4.08	0.0	0	1.1	19.9	0.6	0.0	0.0	0.0	
VMP-5-40	6/22/2016	1045	-2.65	-2.77	0.0	0	1.1	19.5	0.5	0.0	0.0	0.0	
VMP-5-40	7/21/2016	1323	-1.53	-1.58	0.0	0	1.3	19.6	0.1	0.0	0.0	0.0	
VMP-5-40	8/25/2016	0958	-2.25	-2.31	0.0	0	1.5	19.2	0.4	0.0	0.0	0.0	
VMP-5-40-Dup	8/25/2016	0958	NM	NM	0.0	0	1.6	19.2	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-5-40	9/22/2016	0947	-0.58	-0.56	0.0	0	1.7	18.8	0.0	0.0	0.0	0.0	
VMP-5-40	10/21/2016	1026	-2.19	-2.12	0.0	0	1.9	19.3	0.0	5.1	4.5	0.6	
VMP-5-40	11/17/2016	0816	-0.66	-0.66	0.0	0	1.9	19.1	0.1	0.0	0.0	0.0	
VMP-5-40-Dup	11/17/2016	0816	NM	NM	0.0	0	1.9	19.3	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-5-40	12/22/2016	1351	2.72	2.90	0.0	0	1.5	19.9	0.0	0.0	0.0	0.0	Initial vacuum measured at -2.40 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-6-5	1/29/2015	1540	-0.10	-0.11	0.0	0	0.1	20.8	1.6	1.7	0.0	1.7	
VMP-6-5	2/26/2015	1055	-0.12	-0.12	0.0	0	0.1	20.9	0.6	0.4	0.0	0.4	
VMP-6-5	3/26/2015	1138	-0.12	-0.13	0.0	0	0.6	19.8	0.8	1.9	0.0	1.9	
VMP-6-5	4/22/2015	1532	0.00	0.00	0.0	0	0.2	20.8	0.7	0.9	0.0	0.9	
VMP-6-5	5/21/2015	0955	0.00	-0.44	0.0	0	0.6	20.1	0.4	2.1	0.0	2.1	
VMP-6-5	6/17/2015	1318	-0.10	0.00	0.0	0	2.3	16.8	0.4	0.0	0.0	0.0	
VMP-6-5	7/23/2015	1112	0.00	0.00	0.0	0	0.8	20.1	0.5	0.0	0.0	0.0	
VMP-6-5	8/20/2015	0910	0.00	0.00	0.0	0	1.0	19.9	0.3	0.0	0.0	0.0	
VMP-6-5	9/17/2015	0900	0.00	0.00	0.0	0	0.2	20.7	0.8	0.0	0.0	0.0	
VMP-6-5	10/22/2015	0912	0.00	0.00	0.0	0	0.1	20.7	0.3	0.2	0.0	0.2	
VMP-6-5	11/24/2015	1025	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-6-5	12/17/2015	1500	0.00	0.33	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-6-5	1/21/2016	1337	0.36	-0.14	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-6-5	2/18/2016	1215	0.00	0.00	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-6-5	3/23/2016	1055	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-6-5	4/21/2016	1355	0.05	0.00	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-6-5	5/18/2016	1340	0.00	-0.05	0.0	0	0.8	20.4	0.3	0.0	0.0	0.0	
VMP-6-5	6/21/2016	1550	0.00	0.00	0.0	0	0.4	20.3	0.4	0.0	0.0	0.0	
VMP-6-5	7/21/2016	0838	0.00	0.00	0.0	0	0.7	19.7	0.0	0.0	0.0	0.0	
VMP-6-5	8/24/2016	1545	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-6-5	9/22/2016	0855	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-6-5	10/21/2016	0909	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-6-5	11/16/2016	1345	0.00	0.00	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-6-5	12/22/2016	0843	0.38	-0.11	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-6-10	1/29/2015	1543	-0.23	-0.26	0.0	0	0.4	20.7	1.3	0.7	0.0	0.7	
VMP-6-10	2/26/2015	1055	-0.25	-0.21	0.0	0	0.4	20.9	0.5	0.1	0.0	0.1	
VMP-6-10	3/26/2015	1138	-0.22	-0.24	0.0	0	0.5	20.2	0.4	0.3	0.0	0.3	
VMP-6-10	4/22/2015	1533	0.00	-0.13	0.0	0	0.9	20.0	0.7	0.3	0.0	0.3	
VMP-6-10	5/21/2015	1000	-0.15	-0.11	0.0	0	1.2	19.4	0.4	1.0	0.0	1.0	
VMP-6-10	6/17/2015	1322	-0.18	-0.14	0.0	0	1.9	18.9	0.5	0.0	0.0	0.0	
VMP-6-10	7/23/2015	1116	-0.11	-0.12	0.0	0	2.4	18.6	0.4	0.0	0.0	0.0	
VMP-6-10	8/20/2015	0915	-0.17	-0.10	0.0	0	2.5	18.5	0.4	0.0	0.0	0.0	
VMP-6-10	9/17/2015	0905	0.00	0.00	0.0	0	1.8	19.2	0.7	0.0	0.0	0.0	
VMP-6-10	10/22/2015	0917	-0.10	0.00	0.0	0	1.1	19.8	0.5	0.0	0.0	0.0	
VMP-6-10	11/24/2015	1030	-0.28	-0.33	0.0	0	0.8	20.4	0.0	0.0	0.0	0.0	
VMP-6-10	12/17/2015	1505	-0.37	-0.12	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-6-10	1/21/2016	1342	0.00	0.00	0.0	0	0.3	20.5	0.1	0.0	0.0	0.0	
VMP-6-10	2/18/2016	1220	0.15	0.21	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-6-10	3/23/2016	1100	-0.17	-0.11	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	
VMP-6-10	4/21/2016	1400	0.03	0.00	0.0	0	0.6	19.9	0.0	0.0	0.0	0.0	
VMP-6-10	5/18/2016	1345	0.00	-0.15	0.0	0	0.9	20.2	0.4	0.0	0.0	0.0	
VMP-6-10	6/21/2016	1555	0.00	0.00	0.0	0	1.7	19.1	0.4	0.0	0.0	0.0	
VMP-6-10	7/21/2016	0839	0.00	0.00	0.0	0	2.1	18.7	0.0	0.0	0.0	0.0	
VMP-6-10	8/24/2016	1546	0.00	-0.10	0.0	0	2.1	18.9	0.0	0.0	0.0	0.0	
VMP-6-10	9/22/2016	0856	-0.12	0.00	0.0	0	2.2	18.7	0.3	0.0	0.0	0.0	
VMP-6-10	10/21/2016	0913	-0.15	-0.15	0.0	0	2.1	19.1	0.0	0.0	0.0	0.0	
VMP-6-10	11/16/2016	1346	0.00	0.00	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	
VMP-6-10	12/22/2016	0849	0.96	0.91	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	Initial vacuum measured at -0.79 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-6-31.5	1/29/2015	1546	-0.60	-0.63	0.0	0	3.6	17.5	1.8	2.3	0.0	2.3	
VMP-6-31.5	2/26/2015	1055	-0.55	-0.44	0.0	0	3.8	17.3	0.6	0.4	0.0	0.4	
VMP-6-31.5	3/26/2015	1138	-0.45	-0.53	0.0	0	3.4	16.2	0.5	1.4	0.0	1.4	
VMP-6-31.5	4/22/2015	1534	-0.28	-0.31	0.0	0	3.8	15.9	0.8	0.5	0.0	0.5	
VMP-6-31.5	5/21/2015	1005	-0.36	-0.31	0.0	0	3.6	16.3	0.4	1.3	0.0	1.3	
VMP-6-31.5	6/17/2015	1326	-0.40	-0.36	0.0	0	3.5	16.7	0.7	0.0	0.0	0.0	
VMP-6-31.5	7/23/2015	1120	-0.36	-0.37	0.0	0	3.6	17.2	0.4	0.0	0.0	0.0	
VMP-6-31.5	8/20/2015	0920	-0.50	-0.43	0.0	0	3.7	17.0	0.4	0.0	0.0	0.0	
VMP-6-31.5	9/18/2015	1108	-0.20	-0.17	0.0	0	3.4	17.5	1.1	0.0	0.0	0.0	
VMP-6-31.5	10/22/2015	0922	-0.35	-0.31	0.0	0	3.0	17.9	0.8	0.0	0.0	0.0	
VMP-6-31.5	11/24/2015	1035	-0.41	-0.34	0.0	0	2.7	18.7	0.2	0.0	0.0	0.0	
VMP-6-31.5	12/17/2015	1510	-0.09	-0.09	0.0	0	2.5	18.9	0.1	0.0	0.0	0.0	
VMP-6-31.5	1/21/2016	1347	0.00	0.14	0.0	0	2.9	18.0	0.0	0.0	0.0	0.0	
VMP-6-31.5	2/18/2016	1225	0.23	0.33	0.0	0	2.7	18.5	0.3	0.0	0.0	0.0	
VMP-6-31.5	3/23/2016	1105	-0.38	-0.30	0.0	0	2.6	18.6	0.2	0.0	0.0	0.0	
VMP-6-31.5	4/21/2016	1405	0.00	0.00	0.0	0	3.0	18.5	0.0	0.0	0.0	0.0	
VMP-6-31.5	5/18/2016	1350	0.00	-0.36	0.0	0	2.6	18.9	0.3	0.0	0.0	0.0	
VMP-6-31.5	6/21/2016	1600	-0.09	0.00	0.0	0	2.2	18.8	0.6	0.0	0.0	0.0	
VMP-6-31.5	7/21/2016	0840	-0.17	-0.23	0.0	0	2.6	18.4	0.0	0.0	0.0	0.0	
VMP-6-31.5	8/24/2016	1547	0.00	-0.10	0.0	0	2.8	18.2	0.0	0.0	0.0	0.0	
VMP-6-31.5	9/22/2016	0857	0.00	-0.10	0.0	0	3.1	17.7	0.0	0.0	0.0	0.0	
VMP-6-31.5	10/21/2016	0913	-0.15	-0.15	0.0	0	3.3	17.8	0.0	0.0	0.0	0.0	
VMP-6-31.5	11/16/2016	1347	0.00	0.00	0.0	0	3.6	17.4	0.1	0.0	0.0	0.0	
VMP-6-31.5	12/22/2016	0852	3.03	2.13	0.0	0	3.4	17.6	0.0	0.0	0.0	0.0	Initial vacuum measured at -1.60 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-6-39	1/29/2015	1549	-0.62	-0.65	0.0	0	5.5	15.6	1.4	0.3	0.0	0.3	
VMP-6-39	2/26/2015	1055	-0.66	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	3/26/2015	1138	-0.48	-0.56	0.0	0	5.7	13.6	0.5	0.3	0.0	0.3	
VMP-6-39	4/22/2015	1535	-0.29	-0.32	0.0	0	6.0	13.1	0.6	0.0	0.0	0.0	
VMP-6-39	5/21/2015	1010	-0.42	-0.32	0.0	0	5.7	13.7	0.4	0.8	0.0	0.8	
VMP-6-39-Dup	5/21/2015	1010	NM	NM	0.0	0	5.7	13.7	0.4	0.7	0.0	0.7	Duplicate sample.
VMP-6-39	6/18/2015	1330	-0.39	-0.37	0.0	0	5.4	14.8	0.5	0.0	0.0	0.0	
VMP-6-39	7/23/2015	1124	-0.39	-0.39	0.0	0	5.3	15.3	0.3	0.0	0.0	0.0	
VMP-6-39	8/20/2015	0925	-0.51	-0.45	0.0	0	5.2	15.4	0.3	0.0	0.0	0.0	
VMP-6-39	9/17/2015	0910	-0.25	-0.17	0.0	0	5.0	15.5	0.7	0.0	0.0	0.0	
VMP-6-39	10/22/2015	0927	-0.42	-0.32	0.0	0	4.9	15.9	0.4	14.4	12.5	1.9	
VMP-6-39	11/24/2015	1040	-0.42	-0.34	0.1	1	4.9	16.4	2.4	324	314	10.0	
VMP-6-39	12/17/2015	1515	0.00	-0.09	0.2	4	4.7	16.8	9.3	1241	1213	28.0	
VMP-6-39	1/21/2016	1352	0.00	0.13	0.0	0	4.3	16.9	0.0	0.0	0.0	0.0	
VMP-6-39-Dup	1/21/2016	1352	NM	NM	0.0	0	4.3	16.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-39	2/18/2016	1230	0.24	0.34	0.0	0	4.1	17.2	0.4	0.0	0.0	0.0	
VMP-6-39	3/23/2016	1110	-0.39	-0.33	0.0	0	3.9	17.6	0.4	0.0	0.0	0.0	
VMP-6-39-Dup	3/23/2016	1110	NM	NM	0.0	0	4.0	17.5	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-6-39	4/21/2016	1410	0.00	0.00	0.0	0	3.8	18.0	0.0	0.0	0.0	0.0	
VMP-6-39	5/18/2016	1355	0.00	-0.36	0.0	0	3.7	18.1	0.3	0.0	0.0	0.0	
VMP-6-39	6/21/2016	1605	-0.12	0.00	0.0	0	3.1	18.1	0.5	0.0	0.0	0.0	
VMP-6-39	7/21/2016	0841	-0.19	-0.23	0.0	0	3.4	17.7	0.0	0.0	0.0	0.0	
VMP-6-39-Dup	7/21/2016	0841	NM	NM	0.0	0	3.3	17.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-39	8/24/2016	1548	0.00	-0.19	0.0	0	3.1	17.8	0.0	0.0	0.0	0.0	
VMP-6-39	9/22/2016	0858	-0.13	-0.09	0.0	0	3.6	17.1	0.0	0.0	0.0	0.0	
VMP-6-39-Dup	9/22/2016	0858	NM	NM	0.0	0	3.6	17.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-39	10/21/2016	0919	-0.35	-0.34	0.0	0	3.7	17.4	0.0	0.0	0.0	0.0	
VMP-6-39	11/16/2016	1348	0.00	0.00	0.0	0	3.8	17.3	0.2	0.0	0.0	0.0	
VMP-6-39	12/22/2016	0855	2.11	2.09	0.0	0	4.0	17.1	0.0	0.0	0.0	0.0	Initial vacuum measured at -1.65 inwc on 12/28/2016.
VMP-6-39-Dup	12/22/2016	0855	NM	NM	0.0	0	4.1	16.9	0.1	0.0	0.0	0.0	Duplicate sample.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-7-5	1/30/2015	0940	0.00	0.00	0.0	0	0.1	20.7	1.5	0.6	0.0	0.6	
VMP-7-5	2/26/2015	1028	0.00	0.00	0.0	0	0.2	20.9	0.6	0.3	0.0	0.3	
VMP-7-5	3/26/2015	1017	-0.20	-0.12	0.0	0	0.2	20.7	0.8	0.4	0.0	0.4	
VMP-7-5	4/22/2015	1506	0.00	0.00	0.0	0	0.4	20.6	0.7	0.2	0.0	0.2	
VMP-7-5	5/20/2015	1530	-0.09	-0.09	0.0	0	0.6	20.3	0.2	0.6	0.0	0.6	
VMP-7-5	6/17/2015	1300	-0.13	-0.15	0.0	0	0.9	20.3	0.4	0.0	0.0	0.0	
VMP-7-5	7/23/2015	1135	0.00	0.00	0.0	0	0.9	20.0	0.2	0.0	0.0	0.0	
VMP-7-5	8/20/2015	0845	-0.24	-0.12	0.0	0	1.0	19.9	0.3	0.0	0.0	0.0	
VMP-7-5	9/16/2015	1520	-0.14	-0.23	0.0	0	0.9	20.1	0.2	0.0	0.0	0.0	
VMP-7-5	10/22/2015	0822	-0.21	-0.19	0.0	0	0.6	20.3	0.6	0.0	0.0	0.0	
VMP-7-5	11/24/2015	0950	-0.13	-0.09	0.0	0	0.3	20.8	0.1	0.0	0.0	0.0	
VMP-7-5	12/17/2015	0915	-0.34	0.00	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-7-5	1/22/2016	0945	-13.83	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-7-5	2/18/2016	1115	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-7-5	3/23/2016	1130	0.00	0.00	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-7-5	4/21/2016	1135	-0.04	-0.03	0.0	0	0.3	20.6	2.2	0.2	0.0	0.2	
VMP-7-5	5/18/2016	1245	-0.07	-0.09	0.0	0	0.4	20.6	4.9	1.1	0.0	1.1	
VMP-7-5	6/21/2016	1455	0.00	0.00	0.0	0	0.6	20.4	0.7	1.4	0.0	1.4	
VMP-7-5	7/20/2016	1526	0.00	0.00	0.0	0	0.9	20.0	0.8	0.0	0.0	0.0	
VMP-7-5	8/24/2016	1208	0.00	0.00	0.0	0	0.9	19.9	0.0	0.0	0.0	0.0	
VMP-7-5	9/21/2016	1525	0.00	0.00	0.0	0	1.1	19.8	0.4	0.0	0.0	0.0	
VMP-7-5	10/21/2016	0844	-0.10	0.00	0.0	0	1.2	19.9	0.0	0.0	0.0	0.0	
VMP-7-5	11/16/2016	1412	0.00	0.00	0.0	0	1.0	19.9	0.1	0.0	0.0	0.0	
VMP-7-5	12/22/2016	1401	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-7-13.5	1/30/2015	0945	0.00	0.00	0.0	0	0.2	20.7	1.4	0.7	0.0	0.7	
VMP-7-13.5	2/26/2015	1028	-0.67	-0.28	0.0	0	0.2	20.9	0.6	0.2	0.0	0.2	
VMP-7-13.5	3/26/2015	1017	-0.13	-0.25	0.0	0	0.2	20.6	0.8	0.6	0.0	0.6	
VMP-7-13.5	4/22/2015	1507	-0.16	-0.20	0.0	0	0.5	20.5	0.9	0.0	0.0	0.0	
VMP-7-13.5	5/20/2015	1535	-0.72	-1.13	0.0	0	0.8	20.2	0.3	0.8	0.0	0.8	
VMP-7-13.5	6/17/2015	1304	-0.14	-0.21	0.0	0	1.2	20.0	0.6	0.0	0.0	0.0	
VMP-7-13.5	7/23/2015	1139	-0.24	-0.18	0.0	0	1.4	19.7	0.4	0.0	0.0	0.0	
VMP-7-13.5	8/20/2015	0850	-0.33	-0.25	0.0	0	1.4	19.5	0.4	0.0	0.0	0.0	
VMP-7-13.5	9/16/2015	1525	-0.37	-0.09	0.0	0	1.3	19.8	0.4	0.0	0.0	0.0	
VMP-7-13.5	10/22/2015	0827	-0.19	-0.17	0.0	0	0.8	20.1	0.5	0.0	0.0	0.0	
VMP-7-13.5	11/24/2015	0955	-0.29	-0.22	0.0	0	0.4	20.7	0.1	0.0	0.0	0.0	
VMP-7-13.5	12/17/2015	0920	-0.19	-0.43	0.0	0	0.2	20.7	0.3	0.2	0.0	0.2	
VMP-7-13.5	1/22/2016	0950	0.71	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-7-13.5	2/18/2016	1120	-0.10	-0.16	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-7-13.5	3/23/2016	1135	-0.24	-0.54	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-7-13.5	4/21/2016	1140	-0.12	-0.06	0.0	0	0.3	20.5	1.9	0.0	0.0	0.0	
VMP-7-13.5	5/18/2016	1250	-0.53	-0.20	0.0	0	0.7	20.4	3.4	0.4	0.0	0.4	
VMP-7-13.5	6/21/2016	1500	0.00	0.00	0.0	0	1.0	20.0	0.5	0.3	0.0	0.3	
VMP-7-13.5	7/20/2016	1527	-0.27	0.00	0.0	0	1.1	19.8	0.4	0.0	0.0	0.0	
VMP-7-13.5	8/24/2016	1209	0.00	-0.18	0.0	0	1.1	19.6	0.0	0.0	0.0	0.0	
VMP-7-13.5	9/21/2016	1525	0.00	0.00	0.0	0	1.4	19.5	0.3	0.0	0.0	0.0	
VMP-7-13.5	10/21/2016	0847	-0.20	-0.21	0.0	0	1.4	19.8	0.1	0.0	0.0	0.0	
VMP-7-13.5	11/16/2016	1413	0.00	0.00	0.0	0	1.6	19.2	0.0	0.0	0.0	0.0	
VMP-7-13.5	12/22/2016	1402	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-7-29.5	1/30/2015	0950	-0.19	0.00	0.0	0	1.4	19.7	1.7	0.8	0.0	0.8	
VMP-7-29.5	2/26/2015	1028	-0.38	-0.33	0.0	0	1.4	19.9	0.7	0.3	0.0	0.3	
VMP-7-29.5	3/26/2015	1018	-0.50	-0.28	0.0	0	1.2	19.2	0.8	1.6	0.0	1.6	
VMP-7-29.5	4/22/2015	1508	-0.22	-0.25	0.0	0	1.2	19.4	0.8	0.6	0.0	0.6	
VMP-7-29.5	5/20/2015	1540	-0.48	-0.56	0.0	0	1.2	19.6	0.3	1.4	0.0	1.4	
VMP-7-29.5	6/17/2015	1308	-0.32	-0.20	0.0	0	1.4	19.5	0.4	0.0	0.0	0.0	
VMP-7-29.5	7/23/2015	1143	-0.32	-0.20	0.0	0	1.8	18.9	0.3	0.0	0.0	0.0	
VMP-7-29.5	8/20/2015	0855	-0.21	0.00	0.0	0	1.9	19.0	0.4	0.0	0.0	0.0	
VMP-7-29.5	9/16/2015	1530	-0.34	-0.10	0.0	0	2.0	19.1	0.3	0.0	0.0	0.0	
VMP-7-29.5	10/22/2015	0832	-0.96	-0.24	0.0	0	1.8	19.0	0.8	0.0	0.0	0.0	
VMP-7-29.5	11/24/2015	1000	-0.38	-0.27	0.0	0	1.7	19.7	0.1	0.0	0.0	0.0	
VMP-7-29.5	12/17/2015	0925	-0.78	-0.46	0.0	0	1.4	19.8	0.2	0.0	0.0	0.0	
VMP-7-29.5	1/22/2016	0955	-0.43	-0.21	0.0	0	1.3	19.9	0.0	0.0	0.0	0.0	
VMP-7-29.5	2/18/2016	1125	0.00	-0.12	0.0	0	1.1	20.0	0.5	0.0	0.0	0.0	
VMP-7-29.5	3/23/2016	1140	-0.17	-0.22	0.0	0	0.9	20.1	0.5	0.0	0.0	0.0	
VMP-7-29.5	4/21/2016	1145	-0.16	-5.09	0.0	0	1.1	19.8	2.1	0.4	0.0	0.4	
VMP-7-29.5	5/18/2016	1255	-0.26	-0.26	0.0	0	1.1	19.9	4.8	1.6	0.0	1.6	
VMP-7-29.5	6/21/2016	1505	0.00	0.00	0.0	0	1.2	19.6	0.4	1.1	0.0	1.1	
VMP-7-29.5	7/20/2016	1528	0.00	0.00	0.0	0	1.7	19.2	0.4	0.0	0.0	0.0	
VMP-7-29.5	8/24/2016	1210	-1.15	-0.65	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-7-29.5	8/25/2016	1444	0.00	NM	0.0	0	2.1	18.6	0.3	0.0	0.0	0.0	Re-sample.
VMP-7-29.5	9/21/2016	1527	0.00	0.00	0.0	0	2.3	18.6	0.2	0.0	0.0	0.0	
VMP-7-29.5	10/21/2016	0850	-0.34	-0.58	0.0	0	2.5	18.5	0.0	0.0	0.0	0.0	
VMP-7-29.5	11/16/2016	1414	0.00	0.00	0.0	0	2.3	18.8	0.1	0.0	0.0	0.0	
VMP-7-29.5	12/22/2016	1403	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-7-38	1/30/2015	0955	-0.21	0.00	0.0	0	2.6	18.7	1.1	0.4	0.0	0.4	
VMP-7-38	2/26/2015	1028	-0.39	-0.32	0.0	0	2.6	18.2	0.7	0.5	0.0	0.5	
VMP-7-38	3/26/2015	1018	-0.51	-0.32	0.0	0	2.7	16.9	0.8	6.9	6.9	0.0	
VMP-7-38	4/22/2015	1509	-0.22	-0.26	0.0	0	2.7	17.7	0.9	1.9	0.0	1.9	
VMP-7-38	5/20/2015	1545	-0.34	-0.29	0.0	0	1.8	18.8	0.3	1.4	0.0	1.4	
VMP-7-38	6/17/2015	1312	0.26	-0.79	0.0	0	2.4	18.4	0.5	0.0	0.0	0.0	
VMP-7-38	7/23/2015	1147	-0.34	-0.26	0.0	0	2.6	18.2	0.4	0.0	0.0	0.0	
VMP-7-38	8/20/2015	0900	-0.43	-0.32	0.0	0	2.5	18.4	0.3	0.0	0.0	0.0	
VMP-7-38-Dup	8/20/2015	0000	NM	NM	0.0	0	2.5	18.2	0.3	0.0	0.0	0.0	
VMP-7-38-Dup	8/20/2015	0900	NM	NM	0.0	0	2.5	18.2	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-7-38	9/16/2015	1535	0.00	-0.09	0.0	0	2.6	18.5	0.4	0.0	0.0	0.0	
VMP-7-38	10/22/2015	0837	-0.22	-0.23	0.0	0	2.3	18.5	0.7	0.0	0.0	0.0	
VMP-7-38	11/24/2015	1005	-0.37	-0.27	0.0	0	2.6	19.0	0.1	0.0	0.0	0.0	
VMP-7-38	12/17/2015	0930	-0.46	-0.09	0.0	0	2.4	19.1	0.3	0.0	0.0	0.0	
VMP-7-38	1/22/2016	1000	-0.29	-0.22	0.0	0	2.0	19.0	0.0	0.0	0.0	0.0	
VMP-7-38	2/18/2016	1130	0.00	0.33	0.0	0	1.7	19.6	0.4	0.0	0.0	0.0	
VMP-7-38	3/23/2016	1145	-0.18	-0.19	0.0	0	1.5	19.7	0.6	0.0	0.0	0.0	
VMP-7-38-Dup	3/23/2016	1145	NM	NM	0.0	0	1.5	19.7	0.6	0.0	0.0	0.0	Duplicate sample.
VMP-7-38	4/21/2016	1150	-0.16	-0.08	0.0	0	1.5	19.4	2.4	0.0	0.0	0.0	
VMP-7-38	5/18/2016	1300	-0.27	-0.24	0.0	0	1.6	19.6	4.6	0.7	0.0	0.7	
VMP-7-38-Dup	5/18/2016	1300	NM	NM	0.0	0	1.6	19.6	3.7	0.7	0.0	0.7	Duplicate sample.
VMP-7-38	6/21/2016	1510	0.00	0.00	0.0	0	1.5	19.3	4.5	6.8	4.2	2.6	
VMP-7-38	7/20/2016	1529	0.00	0.00	0.0	0	1.3	19.7	1.8	0.0	0.0	0.0	
VMP-7-38	8/24/2016	1212	-0.25	-0.23	0.0	0	1.0	19.8	0.1	0.0	0.0	0.0	
VMP-7-38	9/21/2016	1528	0.00	0.00	0.0	0	2.7	18.1	0.3	0.0	0.0	0.0	
VMP-7-38	10/21/2016	0854	-0.23	-0.28	0.0	0	2.8	18.2	0.0	0.0	0.0	0.0	
VMP-7-38-Dup	10/21/2016	0854	NM	NM	0.0	0	2.8	18.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-7-38	11/16/2016	1415	0.00	0.00	0.0	0	3.0	17.9	0.1	0.0	0.0	0.0	
VMP-7-38	12/22/2016	1404	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-9-5	1/30/2015	1102	0.00	0.00	0.0	0	0.1	20.8	1.4	0.9	0.0	0.9	
VMP-9-5	2/26/2015	0950	-0.09	0.00	0.0	0	0.1	20.8	0.8	0.3	0.0	0.3	
VMP-9-5	3/26/2015	0952	-0.10	0.00	0.0	0	0.3	20.4	0.6	1.1	0.0	1.1	
VMP-9-5	4/22/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-9-5	5/21/2015	0920	0.00	0.00	0.0	0	0.2	20.7	0.4	2.4	0.0	2.4	
VMP-9-5	6/18/2015	1331	0.00	0.00	0.0	0	0.4	20.0	0.6	1.9	0.0	1.9	
VMP-9-5	7/22/2015	1350	0.00	0.00	0.0	0	0.3	20.7	0.4	1.0	0.0	1.0	
VMP-9-5	8/19/2015	1440	-0.15	-0.14	0.0	0	0.9	20.1	0.4	0.6	0.0	0.6	
VMP-9-5	9/16/2015	1400	0.00	0.00	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-9-5	10/21/2015	1336	-0.79	0.00	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-9-5	11/24/2015	0910	-0.17	-0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-9-5	12/16/2015	1244	0.00	0.00	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-9-5	1/21/2016	1126	0.00	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-9-5	2/18/2016	1035	0.00	0.00	0.0	0	0.1	20.8	0.5	0.0	0.0	0.0	
VMP-9-5	3/22/2016	1400	0.00	0.00	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-9-5	4/21/2016	1050	-0.08	-0.09	0.0	0	0.3	20.2	0.4	0.0	0.0	0.0	
VMP-9-5	5/18/2016	0925	-0.13	-0.12	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-9-5	6/21/2016	1350	0.00	0.00	0.0	0	0.5	20.5	0.6	0.0	0.0	0.0	
VMP-9-5	7/20/2016	1148	0.00	0.00	0.0	0	1.0	19.3	0.5	0.0	0.0	0.0	
VMP-9-5	8/24/2016	1144	-0.15	-0.09	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-9-5	9/21/2016	1419	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-9-5	10/20/2016	1400	0.00	0.00	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-9-5-Dup	10/20/2016	1400	NM	NM	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-9-5	11/16/2016	1300	0.00	0.00	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-9-5	12/21/2016	1356	0.00	0.15	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at -0.14 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-9-11.5	1/30/2015	1107	-0.15	0.00	0.0	0	0.0	20.6	1.7	1.7	0.0	1.7	
VMP-9-11.5	2/26/2015	0950	-0.25	-0.26	0.0	0	0.1	20.8	0.6	0.2	0.0	0.2	
VMP-9-11.5	2/26/2015	0951	-0.25	-0.26	0.0	0	0.1	20.8	0.6	0.2	0.0	0.2	
VMP-9-11.5-Dup	2/26/2015	0950	NM	NM	0.0	0	0.1	20.8	0.6	0.2	0.0	0.2	Duplicate sample.
VMP-9-11.5-Dup	2/26/2015	0951	NM	NM	0.0	0	0.1	20.8	0.6	0.2	0.0	0.2	Duplicate sample.
VMP-9-11.5	3/26/2015	0952	-0.37	-0.27	0.0	0	0.3	20.6	0.7	0.6	0.0	0.6	
VMP-9-11.5	4/22/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-9-11.5	5/21/2015	0925	-0.30	-0.25	0.0	0	0.8	20.0	0.5	1.0	0.0	1.0	
VMP-9-11.5	6/18/2015	1336	-0.27	-0.26	0.0	0	0.8	19.8	0.7	0.5	0.0	0.5	
VMP-9-11.5	7/22/2015	1354	-0.24	0.00	0.0	0	1.4	19.8	0.7	0.0	0.0	0.0	
VMP-9-11.5	8/19/2015	1445	-0.37	-0.34	0.0	0	1.4	19.8	0.3	0.0	0.0	0.0	
VMP-9-11.5	9/16/2015	1405	-0.17	-0.16	0.0	0	0.9	20.2	0.4	0.0	0.0	0.0	
VMP-9-11.5	10/21/2015	1339	-0.19	-0.10	0.0	0	0.8	20.3	0.3	0.0	0.0	0.0	
VMP-9-11.5	11/24/2015	0915	-0.40	-0.38	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-9-11.5	12/16/2015	1245	-0.18	-0.26	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-9-11.5	1/21/2016	1131	-0.09	-0.16	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-9-11.5	2/18/2016	1040	-0.16	-0.13	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-9-11.5	3/22/2016	1405	0.00	0.00	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-9-11.5	4/21/2016	1055	-0.19	-0.23	0.0	0	0.4	20.1	0.4	0.0	0.0	0.0	
VMP-9-11.5	5/18/2016	0933	-0.35	-0.36	0.0	0	0.7	20.3	0.6	0.0	0.0	0.0	
VMP-9-11.5	6/21/2016	1355	-0.15	-0.17	0.0	0	1.0	20.0	0.5	0.0	0.0	0.0	
VMP-9-11.5	7/20/2016	1149	0.00	0.00	0.0	0	1.5	19.4	0.5	0.0	0.0	0.0	
VMP-9-11.5	8/24/2016	1145	-0.35	-0.27	0.0	0	1.3	19.6	0.0	0.0	0.0	0.0	
VMP-9-11.5	9/21/2016	1420	0.00	0.00	0.0	0	1.4	19.2	0.2	0.0	0.0	0.0	
VMP-9-11.5	10/20/2016	1407	0.00	-0.11	0.0	0	1.4	19.9	0.0	0.0	0.0	0.0	
VMP-9-11.5	11/16/2016	1301	0.00	0.00	0.0	0	1.4	19.5	0.1	0.0	0.0	0.0	
VMP-9-11.5	12/21/2016	1359	0.00	0.38	0.0	0	1.5	19.2	0.2	0.0	0.0	0.0	Initial vacuum measured at -0.40 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-9-25.5	1/30/2015	1112	0.00	0.00	0.0	0	0.1	20.8	1.3	1.5	0.0	1.5	
VMP-9-25.5	2/26/2015	0951	-0.15	-0.14	0.0	0	0.3	20.7	0.5	0.2	0.0	0.2	
VMP-9-25.5	3/26/2015	0952	-0.77	-0.60	0.0	0	0.4	20.5	0.7	0.8	0.0	0.8	
VMP-9-25.5	4/22/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-9-25.5	5/21/2015	0930	-0.74	-0.61	0.0	0	0.9	19.6	1.1	1.8	0.0	1.8	
VMP-9-25.5	6/18/2015	1341	-0.67	-0.67	0.0	0	1.3	19.2	0.6	0.6	0.0	0.6	
VMP-9-25.5	7/22/2015	1358	-0.52	-0.54	0.0	0	2.0	18.6	0.3	0.0	0.0	0.0	
VMP-9-25.5	8/19/2015	1450	-0.80	-0.73	0.0	0	2.5	18.5	0.3	0.0	0.0	0.0	
VMP-9-25.5	9/16/2015	1410	-0.34	-0.09	0.0	0	2.4	18.9	0.4	0.0	0.0	0.0	
VMP-9-25.5	10/21/2015	1350	-0.34	-0.44	0.0	0	2.0	19.4	0.5	0.0	0.0	0.0	
VMP-9-25.5	11/24/2015	0920	-0.89	-0.84	0.0	0	1.0	20.3	0.0	0.0	0.0	0.0	
VMP-9-25.5	12/16/2015	1246	-0.56	-0.76	0.0	0	1.0	20.2	0.1	0.0	0.0	0.0	
VMP-9-25.5-Dup	12/16/2015	1249	NM	NM	0.0	0	1.0	20.2	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-9-25.5	1/21/2016	1136	-0.30	-0.40	0.0	0	1.5	19.6	0.2	0.0	0.0	0.0	
VMP-9-25.5	2/18/2016	1045	-0.51	-0.49	0.0	0	1.2	19.9	0.3	0.0	0.0	0.0	
VMP-9-25.5	3/22/2016	1410	-0.18	-0.14	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-9-25.5	4/21/2016	1100	-0.44	-0.08	0.0	0	1.1	19.8	0.5	0.0	0.0	0.0	
VMP-9-25.5	5/18/2016	0938	-0.88	-0.85	0.0	0	1.1	19.8	0.6	0.0	0.0	0.0	
VMP-9-25.5	6/21/2016	1400	-0.39	-0.44	0.0	0	1.4	19.2	0.2	0.0	0.0	0.0	
VMP-9-25.5	7/20/2016	1150	0.00	0.00	0.0	0	2.0	18.5	0.4	0.0	0.0	0.0	
VMP-9-25.5	8/24/2016	1146	-0.78	-0.63	0.0	0	2.2	18.6	0.2	0.0	0.0	0.0	
VMP-9-25.5	9/21/2016	1421	-0.09	-0.09	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-9-25.5	10/20/2016	1409	-0.27	-0.35	0.0	0	2.8	18.2	0.0	0.0	0.0	0.0	
VMP-9-25.5	11/16/2016	1302	0.00	0.00	0.0	0	2.9	18.2	0.0	0.0	0.0	0.0	
VMP-9-25.5	12/21/2016	1403	0.87	0.00	0.0	0	3.0	18.0	0.1	0.0	0.0	0.0	Initial vacuum measured at -0.91 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-9-38.5	1/30/2015	1117	0.00	0.00	0.0	0	0.0	20.8	1.2	1.5	0.0	1.5	
VMP-9-38.5	1/30/2015	117	0.00	0.00	0.0	0	0.0	20.8	1.2	1.5	0.0	1.5	
VMP-9-38.5	2/26/2015	0951	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	3/26/2015	0955	-1.10	-1.06	0.0	0	0.1	20.8	0.7	1.6	0.0	1.6	
VMP-9-38.5	4/22/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-9-38.5	5/21/2015	0935	-0.76	-0.59	0.0	0	2.2	18.6	0.7	1.0	0.0	1.0	
VMP-9-38.5	6/18/2015	1346	-0.62	-0.66	0.0	0	2.4	18.4	0.8	1.1	0.0	1.1	
VMP-9-38.5	7/22/2015	1402	-0.54	-0.53	0.0	0	2.7	17.9	0.4	0.0	0.0	0.0	
VMP-9-38.5	8/19/2015	1455	-0.78	-0.72	0.0	0	3.2	17.5	0.3	0.0	0.0	0.0	
VMP-9-38.5	9/16/2015	1415	-0.40	-0.34	0.0	0	3.4	17.8	0.3	0.0	0.0	0.0	
VMP-9-38.5	10/21/2015	1400	-0.31	-0.35	0.0	0	3.3	18.1	0.3	0.0	0.0	0.0	
VMP-9-38.5	11/24/2015	0925	-0.88	-0.80	0.0	0	3.2	18.6	0.0	0.0	0.0	0.0	
VMP-9-38.5	12/16/2015	1247	-0.52	-0.74	0.0	0	2.7	19.0	0.2	0.0	0.0	0.0	
VMP-9-38.5	1/21/2016	1141	-0.29	-0.40	0.0	0	3.2	18.7	0.3	0.0	0.0	0.0	
VMP-9-38.5	2/18/2016	1050	-0.50	-0.48	0.0	0	3.0	18.7	0.5	0.0	0.0	0.0	
VMP-9-38.5	3/22/2016	1415	-0.20	-0.12	0.0	0	2.7	18.9	0.2	0.0	0.0	0.0	
VMP-9-38.5	4/21/2016	1105	-0.42	-0.48	0.0	0	2.4	19.0	0.7	0.0	0.0	0.0	
VMP-9-38.5	5/18/2016	0945	-0.85	-0.85	0.0	0	2.4	19.0	0.7	0.0	0.0	0.0	
VMP-9-38.5	6/21/2016	1405	-0.47	-0.40	0.0	0	2.3	18.4	0.6	0.0	0.0	0.0	
VMP-9-38.5	7/20/2016	1151	-0.49	-0.18	0.0	0	2.3	18.7	0.5	0.0	0.0	0.0	
VMP-9-38.5	8/24/2016	1147	-0.46	-0.60	0.0	0	3.0	17.6	0.3	0.0	0.0	0.0	
VMP-9-38.5	9/21/2016	1422	0.00	-0.35	0.0	0	2.8	18.0	0.3	0.0	0.0	0.0	
VMP-9-38.5	10/20/2016	1414	-10.31	-1.48	0.0	0	3.4	17.5	0.0	0.0	0.0	0.0	
VMP-9-38.5	11/16/2016	1303	0.00	0.00	0.0	0	1.7	19.6	0.1	0.0	0.0	0.0	
VMP-9-38.5	12/21/2016	1407	0.00	0.00	0.0	0	2.9	18.3	0.2	0.0	0.0	0.0	Initial vacuum measured at -1.15 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-10-5	1/28/2015	1123	0.00	-0.16	0.0	0	0.1	20.9	1.4	1.2	0.0	1.2	
VMP-10-5	2/25/2015	1008	-0.27	-0.09	0.0	0	0.1	20.8	0.5	1.0	0.0	1.0	
VMP-10-5	3/25/2015	1138	-0.14	-0.13	0.0	0	0.1	20.8	0.4	1.3	0.0	1.3	
VMP-10-5	4/22/2015	1019	-0.12	-0.09	0.0	0	0.1	20.9	0.6	1.9	0.0	1.9	
VMP-10-5	5/20/2015	1210	-0.16	-0.16	0.0	0	0.0	20.9	0.3	2.2	0.0	2.2	
VMP-10-5	6/17/2015	0854	-0.17	0.00	0.0	0	0.2	20.7	0.6	1.2	0.0	1.2	
VMP-10-5	7/22/2015	0844	0.00	0.00	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-10-5	8/19/2015	1115	-0.10	-0.10	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-10-5	9/16/2015	1050	0.00	0.00	0.0	0	0.2	20.9	0.2	0.0	0.0	0.0	
VMP-10-5	10/21/2015	1008	0.00	0.00	0.0	0	0.1	20.9	1.0	0.0	0.0	0.0	
VMP-10-5	11/23/2015	1101	-0.12	-0.20	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-10-5	12/17/2015	1350	0.00	0.00	0.0	0	0.1	20.9	0.3	0.0	0.0	0.0	
VMP-10-5	1/20/2016	1450	0.19	0.24	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-10-5	2/17/2016	1306	-0.17	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-10-5	3/22/2016	1015	0.00	0.00	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-10-5	4/20/2016	1500	0.00	0.00	0.0	0	0.3	20.6	0.5	0.0	0.0	0.0	
VMP-10-5	5/19/2016	1130	-0.04	-0.02	0.0	0	0.2	20.7	0.7	0.0	0.0	0.0	
VMP-10-5	6/21/2016	0950	0.00	0.00	0.0	0	0.3	20.6	0.9	0.0	0.0	0.0	
VMP-10-5	7/20/2016	1206	0.00	0.00	0.0	0	0.7	20.2	0.3	0.0	0.0	0.0	
VMP-10-5	8/24/2016	1455	-0.10	0.00	0.0	0	0.6	20.5	0.2	0.0	0.0	0.0	
VMP-10-5	9/21/2016	1030	0.00	0.00	0.0	0	0.6	20.5	0.3	0.0	0.0	0.0	
VMP-10-5	10/20/2016	1005	0.00	0.00	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-10-5	11/16/2016	1006	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-10-5	12/21/2016	0901	-0.12	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at -0.23 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-10-10	1/28/2015	1124	-0.11	-0.17	0.0	0	0.0	20.9	1.0	1.0	0.0	1.0	
VMP-10-10	2/25/2015	1009	-0.19	-0.13	0.0	0	0.1	20.8	0.2	0.6	0.0	0.6	
VMP-10-10-Dup	2/25/2015	1009	NM	NM	0.0	0	0.1	20.9	0.2	0.6	0.0	0.6	Duplicate sample.
VMP-10-10	3/25/2015	1139	-0.19	-0.17	0.0	0	0.1	20.9	0.4	1.0	0.0	1.0	
VMP-10-10	4/22/2015	1020	-0.20	-0.14	0.0	0	0.0	20.9	0.7	1.6	0.0	1.6	
VMP-10-10	5/20/2015	1215	-0.22	-0.20	0.0	0	0.1	20.8	0.3	1.4	0.0	1.4	
VMP-10-10	6/17/2015	0858	-0.17	-0.12	0.0	0	0.3	20.6	0.6	1.7	0.0	1.7	
VMP-10-10	7/22/2015	0848	0.00	0.00	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-10-10	8/19/2015	1120	-0.11	-0.11	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-10-10	9/16/2015	1055	0.00	0.00	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-10-10	10/21/2015	1010	0.00	0.00	0.0	0	0.1	20.9	0.7	0.0	0.0	0.0	
VMP-10-10	11/23/2015	1102	0.00	-0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-10-10-Dup	11/23/2015	1106	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-10-10	12/17/2015	1355	0.00	0.00	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-10-10	1/20/2016	1455	0.00	0.00	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-10-10	2/17/2016	1306	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-10-10	3/22/2016	1020	0.00	0.00	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-10-10	4/20/2016	1505	0.00	0.00	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-10-10	5/19/2016	1135	-0.04	-0.02	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	
VMP-10-10	6/21/2016	0955	0.00	0.00	0.0	0	0.5	20.6	0.3	0.0	0.0	0.0	
VMP-10-10	7/20/2016	1207	0.00	0.00	0.0	0	0.8	20.3	0.4	0.0	0.0	0.0	
VMP-10-10	8/24/2016	1456	-0.12	0.00	0.0	0	0.9	20.0	0.2	0.0	0.0	0.0	
VMP-10-10	9/21/2016	1031	0.00	0.00	0.0	0	0.7	20.3	0.3	0.0	0.0	0.0	
VMP-10-10	10/20/2016	1009	0.00	0.00	0.0	0	0.5	20.6	0.1	0.0	0.0	0.0	
VMP-10-10	11/16/2016	1007	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-10-10	12/21/2016	0911	0.00	0.00	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-10-20	1/28/2015	1124	-0.16	-0.24	0.0	0	0.1	20.8	0.8	0.5	0.0	0.5	
VMP-10-20	2/25/2015	1010	-0.27	-0.19	0.0	0	0.1	20.9	0.3	0.3	0.0	0.3	
VMP-10-20	3/25/2015	1139	-0.29	-0.26	0.0	0	0.1	20.9	0.6	0.4	0.0	0.4	
VMP-10-20	4/22/2015	1021	-0.34	-0.26	0.0	0	0.1	20.9	0.7	0.6	0.0	0.6	
VMP-10-20	5/20/2015	1220	-0.21	-0.30	0.0	0	0.3	20.7	0.3	1.4	0.0	1.4	
VMP-10-20	6/17/2015	0902	-0.27	-0.24	0.0	0	0.4	20.4	1.2	4.3	0.0	4.3	
VMP-10-20	7/22/2015	0852	-0.10	-0.11	0.0	0	0.8	20.2	0.2	0.0	0.0	0.0	
VMP-10-20	8/19/2015	1125	-0.17	-0.16	0.0	0	0.7	20.2	0.2	0.0	0.0	0.0	
VMP-10-20	9/16/2015	1100	-0.09	0.00	0.0	0	0.6	20.3	0.3	0.0	0.0	0.0	
VMP-10-20	10/21/2015	1013	0.00	0.00	0.0	0	0.4	20.8	0.6	0.0	0.0	0.0	
VMP-10-20	11/23/2015	1103	-0.10	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-10-20	12/17/2015	1400	0.00	0.00	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-10-20	1/20/2016	1500	0.00	-0.09	0.0	0	0.3	20.6	0.2	0.2	0.0	0.2	
VMP-10-20	2/17/2016	1307	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-10-20-Dup	2/17/2016	1307	NM	NM	0.0	0	0.0	20.8	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-10-20	3/22/2016	1025	0.00	0.00	0.0	0	0.1	20.9	0.3	0.0	0.0	0.0	
VMP-10-20	4/20/2016	1510	0.00	0.00	0.0	0	0.2	20.7	0.8	0.0	0.0	0.0	
VMP-10-20	5/19/2016	1140	-0.07	-0.05	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	
VMP-10-20	6/21/2016	1000	0.00	0.00	0.0	0	0.6	20.4	0.8	0.0	0.0	0.0	
VMP-10-20	7/20/2016	1208	0.00	0.00	0.0	0	0.7	20.1	0.3	0.0	0.0	0.0	
VMP-10-20	8/24/2016	1457	-0.15	0.00	0.0	0	1.1	19.9	0.2	0.0	0.0	0.0	
VMP-10-20	9/21/2016	1032	0.00	0.00	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-10-20	10/20/2016	1015	-0.11	-0.09	0.0	0	1.0	20.2	0.3	0.0	0.0	0.0	
VMP-10-20	11/16/2016	1008	0.00	0.00	0.0	0	0.7	20.4	0.1	0.0	0.0	0.0	
VMP-10-20	12/21/2016	0916	0.00	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-10-30	1/28/2015	1124	-0.23	-0.26	0.0	0	0.3	20.7	0.7	0.4	0.0	0.4	
VMP-10-30	2/25/2015	1010	0.00	0.00	0.0	0	0.4	20.5	0.4	0.5	0.0	0.5	
VMP-10-30	3/25/2015	1140	0.00	0.13	0.0	0	0.3	20.5	0.5	0.7	0.0	0.7	
VMP-10-30	4/22/2015	1022	-0.41	-0.26	0.0	0	0.1	20.7	0.6	0.4	0.0	0.4	
VMP-10-30	5/20/2015	1225	-0.36	-0.34	0.0	0	0.3	20.6	0.3	1.0	0.0	1.0	
VMP-10-30	6/17/2015	0906	-0.32	-0.28	0.0	0	0.5	20.2	0.6	0.0	0.0	0.0	
VMP-10-30	7/22/2015	0856	-0.11	-0.13	0.0	0	0.7	20.1	0.3	0.0	0.0	0.0	
VMP-10-30	8/19/2015	1130	-0.17	-0.16	0.0	0	0.8	19.9	0.4	0.0	0.0	0.0	
VMP-10-30-Dup	8/19/2015	1130	NM	NM	0.0	0	0.8	19.8	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-10-30	9/16/2015	1105	-0.10	0.00	0.0	0	1.0	19.9	0.4	0.0	0.0	0.0	
VMP-10-30	10/21/2015	1015	0.00	0.00	0.0	0	0.9	20.3	0.7	0.0	0.0	0.0	
VMP-10-30	11/23/2015	1104	0.00	-0.16	0.0	0	0.8	20.2	0.0	0.0	0.0	0.0	
VMP-10-30	12/17/2015	1405	0.00	0.00	0.0	0	0.7	20.2	0.2	0.0	0.0	0.0	
VMP-10-30	1/20/2016	1505	0.00	-0.10	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-10-30-Dup	1/20/2016	1505	NM	NM	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-10-30	2/17/2016	1307	0.27	-0.11	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-10-30	3/22/2016	1030	0.00	0.00	0.0	0	0.4	20.6	0.3	0.0	0.0	0.0	
VMP-10-30	4/20/2016	1515	0.00	0.00	0.0	0	0.4	20.5	0.9	0.0	0.0	0.0	
VMP-10-30	5/19/2016	1145	-0.09	-0.06	0.0	0	0.4	20.3	0.6	0.0	0.0	0.0	
VMP-10-30-Dup	5/19/2016	1145	NM	NM	0.0	0	0.4	20.4	0.6	0.0	0.0	0.0	Duplicate sample.
VMP-10-30	6/21/2016	1005	0.00	0.00	0.0	0	0.5	20.3	0.5	0.0	0.0	0.0	
VMP-10-30-Dup	6/21/2016	1005	NM	NM	0.0	0	0.5	20.3	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-10-30	7/20/2016	1209	0.00	0.00	0.0	0	0.7	20.1	0.2	0.0	0.0	0.0	
VMP-10-30	8/24/2016	1458	-0.16	0.00	0.0	0	1.1	19.9	0.4	0.0	0.0	0.0	
VMP-10-30	9/21/2016	1033	0.00	0.00	0.0	0	1.1	19.7	0.4	0.0	0.0	0.0	
VMP-10-30-Dup	9/21/2016	1033	NM	NM	0.0	0	1.2	19.6	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-10-30	10/20/2016	1017	-0.10	-0.09	0.0	0	1.3	19.9	0.2	0.0	0.0	0.0	
VMP-10-30	11/16/2016	1009	0.00	0.00	0.0	0	1.2	20.1	0.1	0.0	0.0	0.0	
VMP-10-30-Dup	11/16/2016	1009	NM	NM	0.0	0	1.2	20.0	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-10-30	12/21/2016	0921	0.00	0.00	0.0	0	0.9	20.0	0.1	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-11-5	1/30/2015	0906	0.00	0.00	0.0	0	0.1	20.9	1.1	1.2	0.0	1.2	
VMP-11-5	2/25/2015	1417	0.00	-0.11	0.0	0	0.1	20.8	0.9	0.6	0.0	0.6	
VMP-11-5	2/25/2015	1517	0.00	-0.11	0.0	0	0.1	20.8	0.9	0.6	0.0	0.6	
VMP-11-5	3/25/2015	0941	0.00	0.00	0.0	0	0.2	20.8	0.4	1.4	0.0	1.4	
VMP-11-5	4/22/2015	1150	0.00	0.00	0.0	0	0.4	20.7	0.3	1.3	0.0	1.3	
VMP-11-5	5/20/2015	1350	0.00	0.00	0.0	0	0.8	20.1	0.2	1.7	0.0	1.7	
VMP-11-5	6/17/2015	1352	-0.10	0.00	0.0	0	1.0	19.9	0.5	0.0	0.0	0.0	
VMP-11-5	7/22/2015	1012	0.00	0.00	0.0	0	1.0	20.1	0.5	0.0	0.0	0.0	
VMP-11-5-Dup	7/22/2015	1012	NM	NM	0.0	0	0.9	20.2	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-11-5	8/19/2015	1345	-0.27	-0.10	0.0	0	1.0	19.8	0.4	0.0	0.0	0.0	
VMP-11-5	9/16/2015	1305	-0.34	-0.17	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	
VMP-11-5	10/21/2015	1258	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-11-5	11/23/2015	1343	0.00	-0.09	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-11-5	12/17/2015	1300	0.00	0.00	0.0	0	0.5	20.2	0.3	0.0	0.0	0.0	
VMP-11-5	1/22/2016	1032	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-11-5	2/17/2016	1520	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-11-5	3/22/2016	1330	0.00	0.00	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-11-5	4/21/2016	0845	0.00	-0.07	0.0	0	0.5	20.1	1.7	0.0	0.0	0.0	
VMP-11-5	5/19/2016	1330	-0.06	-0.08	0.0	0	0.5	20.2	2.3	0.8	0.0	0.8	
VMP-11-5	6/21/2016	1050	0.00	0.00	0.0	0	0.7	20.2	1.2	0.0	0.0	0.0	
VMP-11-5	7/20/2016	1433	0.00	0.00	0.0	0	0.8	19.8	1.2	0.0	0.0	0.0	
VMP-11-5	8/24/2016	0902	0.00	0.00	0.0	0	0.8	20.3	0.6	0.0	0.0	0.0	
VMP-11-5	9/21/2016	1357	0.00	0.00	0.0	0	0.8	20.2	0.6	0.0	0.0	0.0	
VMP-11-5	10/20/2016	1123	0.00	0.00	0.0	0	0.4	20.5	0.1	0.0	0.0	0.0	
VMP-11-5	11/16/2016	1101	0.00	0.00	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	
VMP-11-5	12/22/2016	1115	0.00	0.00	0.0	0	0.7	19.1	0.5	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-11-8	1/30/2015	0911	-0.10	0.00	0.0	0	0.2	20.7	1.2	0.8	0.0	0.8	
VMP-11-8	2/25/2015	1418	-0.13	-0.15	0.0	0	0.2	20.7	0.8	0.4	0.0	0.4	
VMP-11-8	2/25/2015	1518	-0.13	-0.15	0.0	0	0.2	20.7	0.8	0.4	0.0	0.4	
VMP-11-8-Dup	2/25/2015	1418	NM	NM	0.0	0	0.2	20.7	0.8	0.5	0.0	0.5	Duplicate sample.
VMP-11-8-Dup	2/25/2015	1518	NM	NM	0.0	0	0.2	20.7	0.8	0.5	0.0	0.5	Duplicate sample.
VMP-11-8	3/25/2015	0942	-0.11	-0.12	0.0	0	0.3	20.7	0.5	0.9	0.0	0.9	
VMP-11-8	4/22/2015	1151	0.00	0.00	0.0	0	0.6	20.5	0.4	0.9	0.0	0.9	
VMP-11-8	5/20/2015	1355	0.00	-0.09	0.0	0	1.3	19.7	0.2	1.2	0.0	1.2	
VMP-11-8	6/17/2015	1356	-0.14	0.00	0.0	0	0.8	19.0	0.8	0.0	0.0	0.0	
VMP-11-8	7/22/2015	1016	-0.10	0.00	0.0	0	1.8	19.4	0.4	0.0	0.0	0.0	
VMP-11-8	8/19/2015	1350	-0.17	-0.10	0.0	0	2.1	18.7	0.4	0.0	0.0	0.0	
VMP-11-8	9/16/2015	1310	-0.96	-1.02	0.0	0	1.6	19.5	0.6	0.0	0.0	0.0	
VMP-11-8	10/21/2015	1300	-0.16	0.00	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-11-8	11/23/2015	1344	0.00	-0.13	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-11-8	12/17/2015	1305	0.00	0.00	0.0	0	0.6	20.1	0.3	0.0	0.0	0.0	
VMP-11-8	1/22/2016	1037	-0.12	0.00	0.0	0	0.6	20.2	0.1	0.0	0.0	0.0	
VMP-11-8	2/17/2016	1521	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-11-8	3/22/2016	1335	0.00	0.00	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-11-8	4/21/2016	0850	-0.02	-0.09	0.0	0	0.5	19.9	1.9	0.0	0.0	0.0	
VMP-11-8	5/19/2016	1335	-0.10	-0.10	0.0	0	0.9	19.9	1.9	0.0	0.0	0.0	
VMP-11-8	6/21/2016	1055	0.00	0.00	0.0	0	1.5	19.4	1.7	0.0	0.0	0.0	
VMP-11-8	7/20/2016	1434	0.00	0.00	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-11-8	8/24/2016	0903	0.00	0.00	0.0	0	1.9	19.2	0.8	0.0	0.0	0.0	
VMP-11-8	9/21/2016	1358	0.00	0.00	0.0	0	1.7	19.5	0.9	0.0	0.0	0.0	
VMP-11-8	10/20/2016	1128	0.00	0.00	0.0	0	1.3	19.7	0.2	0.0	0.0	0.0	
VMP-11-8	11/16/2016	1102	0.00	0.00	0.0	0	1.0	19.8	0.3	0.0	0.0	0.0	
VMP-11-8	12/22/2016	1118	-0.34	-0.33	0.0	0	1.0	18.8	0.2	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-11-29	1/30/2015	0916	-0.64	-0.76	0.0	0	0.5	20.4	0.9	0.5	0.0	0.5	
VMP-11-29	2/25/2015	1419	-0.78	-0.86	0.0	0	0.5	20.5	0.8	0.1	0.0	0.1	
VMP-11-29	2/25/2015	1519	-0.78	-0.86	0.0	0	0.5	20.5	0.8	0.1	0.0	0.1	
VMP-11-29	3/25/2015	0942	-1.07	-1.07	0.0	0	0.4	20.5	0.5	0.3	0.0	0.3	
VMP-11-29	4/22/2015	1152	-0.91	-0.80	0.0	0	0.5	20.3	0.5	0.5	0.0	0.5	
VMP-11-29	5/20/2015	1400	-0.13	-0.89	0.0	0	0.5	20.2	0.2	1.7	0.0	1.7	
VMP-11-29	6/17/2015	1400	-1.06	-0.89	0.0	0	0.8	19.0	0.5	0.0	0.0	0.0	
VMP-11-29	7/22/2015	1020	-1.09	-0.80	0.0	0	1.0	19.6	0.3	0.0	0.0	0.0	
VMP-11-29	8/19/2015	1355	-0.64	-1.12	0.0	0	1.7	19.2	0.3	0.0	0.0	0.0	
VMP-11-29	9/16/2015	1315	-0.46	-0.10	0.0	0	1.4	19.9	0.3	0.0	0.0	0.0	
VMP-11-29	10/21/2015	1302	-0.61	-0.73	0.0	0	1.7	19.7	0.3	0.0	0.0	0.0	
VMP-11-29	11/23/2015	1345	-0.93	-0.99	0.0	0	1.6	19.7	0.0	0.0	0.0	0.0	
VMP-11-29	12/17/2015	13310	0.18	0.00	0.0	0	1.2	20.0	0.3	0.0	0.0	0.0	
VMP-11-29	1/22/2016	1042	-5.24	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-29	2/17/2016	1522	-1.17	-0.77	0.0	0	0.7	20.3	0.1	0.0	0.0	0.0	
VMP-11-29	3/22/2016	1340	-0.61	-0.58	0.0	0	0.6	20.4	0.3	0.0	0.0	0.0	
VMP-11-29	4/21/2016	0855	-0.23	-0.74	0.0	0	0.7	20.2	2.2	0.0	0.0	0.0	
VMP-11-29	5/19/2016	1340	-0.98	-0.98	0.0	0	0.7	19.6	1.9	0.4	0.0	0.4	
VMP-11-29	6/21/2016	1100	-1.01	-0.89	0.0	0	1.1	19.7	2.5	0.5	0.0	0.5	
VMP-11-29	7/20/2016	1435	-0.62	-0.71	0.0	0	1.3	19.4	0.6	0.0	0.0	0.0	
VMP-11-29	8/24/2016	0904	-0.78	-0.89	0.0	0	1.7	18.7	0.4	0.0	0.0	0.0	
VMP-11-29	9/21/2016	1359	-0.26	-0.22	0.0	0	1.1	19.8	0.4	0.0	0.0	0.0	
VMP-11-29	10/20/2016	1131	-0.69	-0.61	0.0	0	2.0	19.4	0.2	0.0	0.0	0.0	
VMP-11-29	11/16/2016	1103	-0.09	0.00	0.0	0	1.7	19.2	0.3	0.0	0.0	0.0	
VMP-11-29	12/22/2016	1121	0.23	-0.37	0.0	0	1.4	19.5	0.2	0.0	0.0	0.0	Initial vacuum measured at -0.45 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-11-38	1/30/2015	0907	-0.96	-0.79	0.0	0	1.4	19.7	1.2	1.8	0.0	1.8	
VMP-11-38	1/30/2015	0921	-0.96	-0.79	0.0	0	1.4	19.7	1.2	1.8	0.0	1.8	
VMP-11-38	2/25/2015	1419	-0.81	-0.90	0.0	0	1.5	19.1	0.9	3.2	0.0	3.2	
VMP-11-38	2/25/2015	1519	-0.81	-0.90	0.0	0	1.5	19.1	0.9	3.2	0.0	3.2	
VMP-11-38	3/25/2015	0943	-1.12	-1.13	0.0	0	1.3	19.8	0.6	1.9	0.0	1.9	
VMP-11-38	4/22/2015	1138	-0.93	-0.82	0.0	0	1.5	19.6	0.6	2.4	0.0	2.4	
VMP-11-38	5/20/2015	1405	-0.96	-1.04	0.0	0	1.1	19.7	0.2	2.2	0.0	2.2	
VMP-11-38	6/17/2015	1404	-1.11	-0.90	0.0	0	1.1	19.5	0.4	0.4	0.0	0.4	
VMP-11-38	7/22/2015	1024	-0.87	-0.84	0.0	0	1.3	19.2	0.4	0.2	0.0	0.2	
VMP-11-38	8/19/2015	1400	-0.58	-1.13	0.0	0	1.4	19.3	0.4	0.0	0.0	0.0	
VMP-11-38	9/16/2015	1320	-0.84	-0.76	0.0	0	1.6	19.3	0.8	0.0	0.0	0.0	
VMP-11-38-Dup	9/16/2015	1325	NM	NM	0.0	0	1.6	19.3	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-11-38	10/21/2015	1304	-0.74	-0.76	0.0	0	1.8	19.6	0.2	0.0	0.0	0.0	
VMP-11-38	11/23/2015	1346	-0.97	-1.02	0.0	0	1.3	19.9	0.0	0.0	0.0	0.0	
VMP-11-38	12/17/2015	1315	0.00	0.00	0.0	0	1.6	19.6	0.3	0.0	0.0	0.0	
VMP-11-38	1/22/2016	1047	-1.03	-0.98	0.0	0	1.5	19.7	0.1	0.0	0.0	0.0	
VMP-11-38	2/17/2016	1523	-0.94	-0.96	0.0	0	1.2	20.0	0.2	0.0	0.0	0.0	
VMP-11-38	3/22/2016	1345	-0.64	-0.59	0.0	0	1.0	20.2	0.3	0.0	0.0	0.0	
VMP-11-38	4/21/2016	0900	-0.24	-0.58	0.0	0	1.0	19.9	2.1	0.3	0.0	0.3	
VMP-11-38	5/19/2016	1345	-0.92	-0.93	0.0	0	0.8	19.6	2.2	0.4	0.0	0.4	
VMP-11-38	6/21/2016	1105	-0.97	-0.84	0.0	0	0.8	20.1	2.1	0.6	0.0	0.6	
VMP-11-38	7/20/2016	1436	-0.62	-0.72	0.0	0	1.2	19.4	0.9	0.0	0.0	0.0	
VMP-11-38	8/24/2016	0905	-0.75	-0.82	0.0	0	1.4	18.9	0.7	0.0	0.0	0.0	
VMP-11-38	9/21/2016	1400	-0.21	-0.17	0.0	0	1.7	19.1	0.6	0.0	0.0	0.0	
VMP-11-38	10/20/2016	1134	-0.65	-0.64	0.0	0	2.0	19.0	0.2	0.0	0.0	0.0	
VMP-11-38	11/16/2016	1104	0.00	0.00	0.0	0	2.0	18.8	0.1	0.0	0.0	0.0	
VMP-11-38	12/22/2016	1124	0.34	0.13	0.0	0	1.6	19.0	0.1	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-12-5	1/28/2015	1346	-0.72	-0.90	0.0	0	0.1	20.9	0.6	0.7	0.0	0.7	
VMP-12-5	2/25/2015	1251	-1.70	-1.53	0.0	0	0.1	20.9	0.4	0.7	0.0	0.7	
VMP-12-5	3/25/2015	0924	-2.36	-2.74	0.0	0	0.1	20.9	0.4	1.7	0.0	1.7	
VMP-12-5	3/25/2015	0938	-2.36	-2.74	0.0	0	0.1	20.9	0.4	1.7	0.0	1.7	
VMP-12-5	4/22/2015	1338	-2.35	-1.75	0.0	0	0.1	20.8	0.6	0.5	0.0	0.5	
VMP-12-5	5/20/2015	1312	-2.96	-2.13	0.0	0	0.1	20.4	0.0	1.8	0.0	1.8	
VMP-12-5	6/17/2015	1215	-4.18	-2.70	0.0	0	0.2	20.4	0.8	1.8	0.0	1.8	
VMP-12-5	7/22/2015	1233	-1.54	-1.93	0.0	0	0.1	20.6	0.3	0.0	0.0	0.0	
VMP-12-5	8/19/2015	1230	-2.61	-2.37	0.0	0	0.2	20.5	0.3	0.0	0.0	0.0	
VMP-12-5	9/16/2015	1212	-3.30	0.00	0.0	0	0.1	20.9	1.9	0.7	0.0	0.7	
VMP-12-5	10/21/2015	0931	-0.91	-0.81	0.0	0	0.0	20.9	0.7	0.0	0.0	0.0	
VMP-12-5	11/23/2015	1215	-3.02	-2.15	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-12-5	12/16/2015	1250	-1.55	-2.92	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-12-5	1/20/2016	1345	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-12-5	2/17/2016	1215	-2.08	-1.28	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-12-5	3/22/2016	0950	-2.28	-2.10	0.0	0	0.0	20.9	0.3	0.4	0.0	0.4	
VMP-12-5	4/20/2016	0907	-1.67	0.18	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-12-5	5/18/2016	0910	-4.10	-4.09	0.0	0	0.0	20.9	0.5	0.1	0.0	0.1	
VMP-12-5	6/21/2016	1205	-2.38	-2.30	0.0	0	0.0	20.9	0.9	0.0	0.0	0.0	
VMP-12-5	7/21/2016	0839	-2.53	-2.33	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	8/24/2016	1325	-3.07	-2.92	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-12-5	9/21/2016	0848	-2.41	-2.41	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	10/20/2016	0848	-1.82	-1.45	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-12-5	11/16/2016	0904	-0.67	-0.57	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-12-5	12/21/2016	0848	-0.12	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-12-11.5	1/28/2015	1353	-1.46	-1.51	0.0	0	0.0	20.9	0.6	1.0	0.0	1.0	
VMP-12-11.5	2/25/2015	1256	-1.49	-1.59	0.0	0	0.1	20.5	0.7	0.6	0.0	0.6	
VMP-12-11.5	3/25/2015	0927	-2.37	-2.56	0.0	0	0.1	20.7	0.5	1.3	0.0	1.3	
VMP-12-11.5	3/25/2015	0943	-2.37	-2.56	0.0	0	0.1	20.7	0.5	1.3	0.0	1.3	
VMP-12-11.5	4/22/2015	1342	-2.11	-2.01	0.0	0	0.0	20.9	0.4	1.1	0.0	1.1	
VMP-12-11.5	5/20/2015	1317	-2.16	-2.15	0.0	0	0.2	20.7	0.1	1.9	0.0	1.9	
VMP-12-11.5	6/17/2015	1220	-2.93	-5.32	0.0	0	0.2	20.7	0.8	2.2	0.0	2.2	
VMP-12-11.5	7/22/2015	1238	-2.37	-2.62	0.0	0	0.3	20.5	0.4	0.0	0.0	0.0	
VMP-12-11.5	8/19/2015	1235	-2.69	-2.70	0.0	0	0.4	20.4	0.4	0.0	0.0	0.0	
VMP-12-11.5	9/16/2015	1217	-2.74	-2.78	0.0	0	0.1	20.8	0.9	0.1	0.0	0.1	
VMP-12-11.5	10/21/2015	0937	-2.64	-2.32	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-12-11.5	11/23/2015	1220	-2.45	-3.54	0.0	0	0.1	20.6	0.0	0.0	0.0	0.0	
VMP-12-11.5	12/16/2015	1255	-3.65	-3.49	0.0	0	0.1	20.7	0.3	0.0	0.0	0.0	
VMP-12-11.5	1/22/2016	1350	-2.40	-2.46	0.0	0	0.0	20.9	7.1	34.6	3.9	30.7	
VMP-12-11.5	2/17/2016	1220	-3.21	-3.24	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-12-11.5	3/22/2016	0955	-2.73	-2.55	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-12-11.5	4/20/2016	0912	1.10	0.20	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-12-11.5	5/18/2016	0915	-4.12	-4.13	0.0	0	0.2	20.7	0.7	0.0	0.0	0.0	
VMP-12-11.5	6/21/2016	1210	-3.10	-3.01	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-12-11.5	7/21/2016	0843	-2.55	-2.48	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-11.5-Dup	7/21/2016	0843	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-12-11.5	8/24/2016	1326	0.00	-0.32	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-12-11.5	9/21/2016	0850	-2.71	-0.24	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-11.5	10/20/2016	0849	-0.37	-0.13	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-11.5	11/16/2016	0905	-0.59	-0.71	0.0	0	0.1	20.7	0.3	0.0	0.0	0.0	
VMP-12-11.5	12/21/2016	0854	-0.26	-0.09	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-12-25	1/28/2015	1356	-2.29	-2.33	0.0	0	0.4	20.5	0.7	0.6	0.0	0.6	
VMP-12-25	2/25/2015	1301	-2.40	-3.18	0.0	0	0.4	20.4	0.4	0.5	0.0	0.5	
VMP-12-25	3/25/2015	0930	-2.98	-3.26	0.0	0	0.5	20.3	0.6	1.1	0.0	1.1	
VMP-12-25	3/25/2015	0946	-2.98	-3.26	0.0	0	0.5	20.3	0.6	1.1	0.0	1.1	
VMP-12-25	4/22/2015	1346	-2.65	-2.42	0.0	0	0.5	20.3	0.6	1.6	0.0	1.6	
VMP-12-25-Dup	4/22/2015	1346	NM	NM	0.0	0	0.5	20.3	0.6	1.3	0.0	1.3	Duplicate sample.
VMP-12-25	5/20/2015	1322	-2.89	-2.89	0.0	0	0.6	20.3	0.1	1.9	0.0	1.9	
VMP-12-25	6/17/2015	1225	-3.95	-3.44	0.0	0	0.5	20.1	0.9	1.9	0.0	1.9	
VMP-12-25	7/22/2015	1243	-3.79	-2.07	0.0	0	0.7	20.0	0.2	0.0	0.0	0.0	
VMP-12-25	8/19/2015	1240	-4.42	-4.02	0.0	0	0.6	19.8	0.4	0.0	0.0	0.0	
VMP-12-25	9/16/2015	1222	-2.48	-2.47	0.0	0	0.4	20.2	1.1	0.0	0.0	0.0	
VMP-12-25	10/21/2015	0941	-3.87	-3.88	0.0	0	0.2	20.8	0.5	0.0	0.0	0.0	
VMP-12-25-Dup	10/21/2015	0941	NM	NM	0.0	0	0.2	20.8	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-12-25	11/23/2015	1225	-4.80	-3.52	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-12-25	12/16/2015	1300	-5.42	-4.53	0.0	0	0.5	20.1	0.4	0.0	0.0	0.0	
VMP-12-25	1/20/2016	1355	0.00	-2.25	0.0	0	0.7	19.8	0.2	0.0	0.0	0.0	
VMP-12-25-Dup	1/20/2016	1355	NM	NM	0.0	0	0.8	19.7	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-12-25	2/17/2016	1225	-4.47	-4.37	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-12-25	3/22/2016	1000	-3.96	-3.76	0.0	0	0.2	20.6	0.2	0.0	0.0	0.0	
VMP-12-25	4/20/2016	0917	-2.10	0.25	0.0	0	0.5	19.9	0.4	0.0	0.0	0.0	
VMP-12-25	5/18/2016	0920	-5.13	-5.15	0.0	0	0.5	20.5	0.6	0.0	0.0	0.0	
VMP-12-25	6/21/2016	1215	-4.25	-4.49	0.0	0	0.3	20.4	0.3	0.0	0.0	0.0	
VMP-12-25	7/21/2016	0851	-3.25	-2.92	0.0	0	0.7	20.1	0.0	0.5	0.0	0.0	
VMP-12-25	8/24/2016	1327	-4.31	-4.27	0.0	0	0.6	20.2	0.2	0.0	0.0	0.0	
VMP-12-25	9/21/2016	0852	-3.70	-3.48	0.0	0	0.7	19.8	0.1	0.0	0.0	0.0	
VMP-12-25	10/20/2016	0851	-1.40	-1.12	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-12-25	11/16/2016	0906	-1.11	-1.01	0.0	0	0.9	19.5	0.1	0.0	0.0	0.0	
VMP-12-25	12/21/2016	0857	-0.21	-0.09	0.0	0	3.0	15.9	0.6	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-12-39	1/28/2015	1400	-2.52	-2.56	18.3	OVR	14.7	2.4	175	51670	42110	9560	
VMP-12-39	2/25/2015	1306	-2.37	-6.72	29.6	OVR	16.3	0.4	203	70330	57320	13010	
VMP-12-39-Dup	2/25/2015	1306	NM	NM	29.8	OVR	16.2	0.7	203	68250	51090	17160	Duplicate sample.
VMP-12-39	3/25/2015	0934	-3.22	-3.51	29.9	OVR	14.5	2.3		72680	56490	16190	
VMP-12-39-Dup	3/25/2015	0934	NM	NM	35.4	OVR	15.2	1.3		78770	61900	16870	Duplicate sample.
VMP-12-39	4/22/2015	1354	-3.06	-2.83	28.3	OVR	14.9	1.2	210	60130	45210	14920	
VMP-12-39	5/20/2015	1327	-3.18	-3.11	6.2	OVR	14.5	1.5	111	21250	17600	3650	
VMP-12-39	5/22/2015	0905	-3.28	NM	5.3	OVR	15.5	0.6	128	21200	17600	3600	Re-sample.
VMP-12-39	6/17/2015	1230	-5.26	-3.90	4.2	84	14.7	1.7	128	16490	13270	3220	
VMP-12-39-Dup	6/17/2015	1230	NM	NM	4.8	96	15.5	1.0	128	18040	14180	3860	Duplicate sample.
VMP-12-39	7/22/2015	1248	-3.82	-3.81	34.9	OVR	14.1	1.8	124	62450	47680	14770	
VMP-12-39-Dup	7/22/2015	1248	NM	NM	45.2	OVR	15.5	0.8	124	72570	53210	19360	Duplicate Sample.
VMP-12-39	8/19/2015	1245	-3.99	-3.95	40.8	OVR	15.1	1.3	149	63320	44710	18610	
VMP-12-39	9/16/2015	1227	-4.44	-4.46	40.8	OVR	16.2	0.6	221	53420	40180	13240	
VMP-12-39	10/21/2015	0946	-4.71	-4.29	27.5	OVR	16.0	1.2	292	37580	28130	9450	
VMP-12-39	11/23/2015	1230	-4.21	-5.15	0.8	17	16.5	1.7	105	4190	3860	330	
VMP-12-39	12/16/2015	1305	-5.45	-4.87	13.8	OVR	16.5	2.6	276	27470	21230	6240	
VMP-12-39	1/22/2016	1430	-3.70	-3.28	62.5	OVR	13.7	3.6	232	72270	56680	15590	
VMP-12-39	2/17/2016	1230	-4.83	-4.86	20.1	OVR	16.3	0.9	270	44400	34200	10200	
VMP-12-39	3/22/2016	1005	-4.30	-4.07	46.3	OVR	14.2	2.0	181	96770	74380	22390	
VMP-12-39	4/20/2016	0922	1.92	0.24	20.2	OVR	7.9	8.7	104	56200	40400	15800	
VMP-12-39	5/18/2016	0925	-5.49	-5.51	56.7	OVR	12.9	2.4	219	146000	117000	29000	
VMP-12-39-Dup	5/18/2016	0925	NM	NM	81.5	OVR	14.4	0.6	219	184000	131000	53000	Duplicate sample.
VMP-12-39	6/21/2016	1220	-5.00	-4.90	41.1	OVR	13.4	1.4	117	81130	63340	17790	
VMP-12-39	7/21/2016	0854	-3.47	-3.13	30.8	OVR	12.5	2.0	120	61240	42360	18880	
VMP-12-39	8/24/2016	1328	-4.68	-4.62	35.4	OVR	13.4	2.0	113	91270	73230	18040	
VMP-12-39	9/21/2016	0853	-4.03	-3.77	70.4	OVR	15.0	0.5	163	183000	136000	47000	
VMP-12-39	10/20/2016	0853	-1.18	-0.94	40.9	OVR	16.3	0.3	101	118000	96000	22000	
VMP-12-39	11/16/2016	0907	-2.60	-1.11	17.5	OVR	16.0	0.4	78.9	89630	75880	13750	
VMP-12-39	12/21/2016	0859	0.00	-0.09	19.3	OVR	13.1	3.4	74.6	97910	83260	14650	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-13-5	1/28/2015	1007	-0.64	-0.53	0.0	0	0.1	20.9	0.9	0.7	0.0	0.7	
VMP-13-5	2/25/2015	1150	-11.98	-0.99	0.0	0	0.1	20.9	0.4	0.5	0.0	0.5	
VMP-13-5	3/25/2015	1522	-0.56	-0.62	0.0	0	0.2	20.8	0.9	2.1	0.0	2.1	
VMP-13-5	4/22/2015	1123	-0.43	-0.42	0.0	0	0.2	20.8	0.6	1.1	0.0	1.1	
VMP-13-5	5/20/2015	0930	-0.55	-0.50	0.0	0	0.3	20.6	0.4	1.5	0.0	1.5	
VMP-13-5	6/17/2015	1007	-0.14	0.00	0.0	0	1.0	20.1	0.5	0.5	0.0	0.5	
VMP-13-5	7/22/2015	0930	-0.14	-0.15	0.0	0	1.4	19.8	0.3	0.0	0.0	0.0	
VMP-13-5	8/27/2015	1327	-0.15	NM	0.0	0	1.2	19.8	0.4	0.0	0.0	0.0	
VMP-13-5	9/16/2015	0920	-0.12	0.00	0.0	0	0.7	20.3	0.5	0.0	0.0	0.0	
VMP-13-5	10/21/2015	0919	-0.19	0.00	0.0	0	0.4	20.5	0.5	0.0	0.0	0.0	
VMP-13-5	11/23/2015	0916	-0.22	-0.15	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-13-5	12/16/2015	0955	-0.17	0.00	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-13-5	1/20/2016	1403	0.00	0.00	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-13-5	2/17/2016	1409	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-13-5	3/22/2016	0745	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to unsafe conditions at well vault.
VMP-13-5	4/20/2016	1002	0.00	0.00	0.0	0	0.4	20.5	2.8	4.6	0.0	4.6	
VMP-13-5	5/19/2016	1030	-0.14	-0.12	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-13-5	6/21/2016	0856	0.00	-0.10	0.0	0	0.6	20.3	0.7	0.0	0.0	0.0	
VMP-13-5	7/20/2016	1042	0.12	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-13-5	8/24/2016	1340	0.00	-0.15	0.0	0	0.6	20.3	0.4	0.0	0.0	0.0	
VMP-13-5	9/21/2016	0930	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-13-5	10/20/2016	0847	-0.19	-0.17	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-13-5	11/16/2016	0850	0.00	0.00	0.0	0	0.4	20.5	0.2	0.0	0.0	0.0	
VMP-13-5	12/5/2016	0923	0.00	NM	0.0	0	0.4	20.1	0.2	0.0	0.0	0.0	
VMP-13-5	12/21/2016	1012	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-13-10.5	1/28/2015	1013	-1.23	-1.27	0.0	0	0.1	20.9	1.8	0.9	0.0	0.9	
VMP-13-10.5	2/25/2015	1151	-1.13	-1.22	0.0	0	0.1	20.9	0.4	0.5	0.0	0.5	
VMP-13-10.5	3/25/2015	1523	-1.25	-1.34	0.0	0	0.2	20.8	0.8	2.0	0.0	2.0	
VMP-13-10.5	4/22/2015	1124	-1.40	-1.37	0.0	0	0.2	20.8	0.9	1.1	0.0	1.1	
VMP-13-10.5	5/20/2015	0935	-1.53	-1.48	0.0	0	0.4	20.6	0.4	1.0	0.0	1.0	
VMP-13-10.5	6/17/2015	1011	-0.34	0.00	0.0	0	0.7	20.1	0.5	21.2	21.2	0.0	
VMP-13-10.5	7/22/2015	0934	-0.34	-0.35	0.0	0	1.1	19.8	0.2	0.0	0.0	0.0	
VMP-13-10.5	8/19/2015	0925	-0.14	-0.34	0.0	0	1.2	19.8	0.4	2.4	0.0	2.4	
VMP-13-10.5	9/16/2015	0925	-0.31	-0.24	0.0	0	0.9	20.2	0.5	0.0	0.0	0.0	
VMP-13-10.5	10/21/2015	0922	-0.34	-0.23	0.0	0	0.6	20.5	0.4	1.5	0.0	1.5	
VMP-13-10.5	11/23/2015	0917	-0.43	-0.34	0.0	0	0.4	20.7	0.0	0.0	0.0	0.0	
VMP-13-10.5	12/16/2015	0956	-0.34	-0.25	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-13-10.5	1/20/2016	1408	-0.22	-0.34	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-13-10.5	2/17/2016	1410	-0.35	-0.39	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-13-10.5	3/22/2016	0746	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to unsafe conditions at well vault.
VMP-13-10.5	4/20/2016	1003	-0.66	0.00	0.0	0	0.2	20.7	2.1	0.9	0.0	0.9	
VMP-13-10.5	5/19/2016	1035	-0.73	-0.73	0.0	0	0.1	20.8	0.9	0.0	0.0	0.0	
VMP-13-10.5	6/21/2016	0857	-0.67	-0.85	0.0	0	0.3	20.6	0.4	0.0	0.0	0.0	
VMP-13-10.5	7/20/2016	1043	0.15	0.00	0.0	0	0.4	20.2	0.4	0.0	0.0	0.0	
VMP-13-10.5	8/24/2016	1341	-0.64	-0.65	0.0	0	0.4	20.4	0.4	0.0	0.0	0.0	
VMP-13-10.5	9/21/2016	0931	-0.43	-0.42	0.0	0	0.5	20.3	0.2	0.0	0.0	0.0	
VMP-13-10.5	10/20/2016	0853	-0.79	-0.74	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-13-10.5	11/16/2016	0851	-0.31	-0.26	0.0	0	0.4	20.5	0.1	0.0	0.0	0.0	
VMP-13-10.5	12/5/2016	0924	0.00	NM	0.0	0	0.3	20.4	0.1	0.0	0.0	0.0	
VMP-13-10.5	12/21/2016	1015	0.00	0.00	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-13-21.5	1/28/2015	1018	-3.78	-3.34	0.0	0	0.1	20.9	1.7	0.9	0.0	0.9	
VMP-13-21.5	2/25/2015	1151	-3.13	-3.09	0.0	0	0.1	20.9	0.3	0.6	0.0	0.6	
VMP-13-21.5	3/25/2015	1523	-3.17	-3.32	0.0	0	0.1	20.8	0.7	1.7	0.0	1.7	
VMP-13-21.5	4/22/2015	1125	-3.46	-3.35	0.0	0	0.1	20.9	0.7	0.6	0.0	0.6	
VMP-13-21.5	5/20/2015	0940	-3.79	-3.60	0.0	0	0.4	20.4	0.4	0.6	0.0	0.6	
VMP-13-21.5	6/17/2015	1015	-0.81	0.00	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-13-21.5	7/22/2015	0938	-0.79	-0.78	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-13-21.5-Dup	7/22/2015	0938	NM	NM	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-13-21.5	8/19/2015	0930	-0.36	-0.87	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-13-21.5	9/16/2015	0930	-0.87	-0.78	0.0	0	0.3	20.7	0.4	0.0	0.0	0.0	
VMP-13-21.5	10/21/2015	0925	-0.88	-0.74	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-13-21.5	11/23/2015	0918	-0.94	-0.82	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-13-21.5-Dup	11/23/2015	0918	NM	NM	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-13-21.5-Dup	11/23/2015	0923	NM	NM	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-13-21.5	12/16/2015	0957	-0.79	-0.70	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-13-21.5	1/20/2016	1413	-0.45	-0.67	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-13-21.5	2/17/2016	1411	-0.74	-0.83	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-13-21.5	3/22/2016	0747	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to unsafe conditions at well vault.
VMP-13-21.5	4/20/2016	-0.19	0.00	0.00	0.0	0	0.4	20.6	1.2	1.6	0.0	1.6	
VMP-13-21.5	5/19/2016	1040	-0.83	-0.83	0.0	0	0.1	20.8	0.6	0.0	0.0	0.0	
VMP-13-21.5	6/21/2016	0858	-0.79	-1.01	0.0	0	0.1	20.8	0.7	0.0	0.0	0.0	
VMP-13-21.5	7/20/2016	1044	0.16	0.00	0.0	0	0.2	20.7	0.6	0.0	0.0	0.0	
VMP-13-21.5	8/24/2016	1342	-0.75	-0.78	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-13-21.5	9/21/2016	0932	-0.37	-0.37	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-13-21.5	10/20/2016	0857	-0.94	-0.87	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-13-21.5	11/16/2016	0852	-0.25	-0.21	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-13-21.5	12/5/2016	0925	0.00	NM	0.0	0	0.4	20.0	0.1	0.0	0.0	0.0	
VMP-13-21.5	12/21/2016	1018	0.00	0.00	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-13-29.5	1/28/2015	1023	-1.35	-1.15	0.0	0	0.1	20.9	1.9	0.6	0.0	0.6	
VMP-13-29.5	2/25/2015	1151	-1.00	-1.02	0.0	0	0.1	20.9	0.4	0.7	0.0	0.7	
VMP-13-29.5	3/25/2015	1524	-1.12	-1.19	0.0	0	0.2	20.8	0.8	1.9	0.0	1.9	
VMP-13-29.5	4/22/2015	1126	-1.27	-1.18	0.0	0	0.1	20.7	0.9	1.5	0.0	1.5	
VMP-13-29.5	5/20/2015	0945	-1.35	-1.29	0.0	0	0.4	20.5	0.5	0.9	0.0	0.9	
VMP-13-29.5	6/17/2015	1019	-0.35	0.00	0.0	0	0.8	20.1	0.6	13.8	13.3	0.5	
VMP-13-29.5	7/22/2015	0942	-0.35	-0.36	0.0	0	1.1	19.8	0.5	0.0	0.0	0.0	
VMP-13-29.5	8/19/2015	0935	-0.13	-0.35	0.0	0	1.3	19.7	0.5	3.8	0.0	3.8	
VMP-13-29.5	9/16/2015	0935	-0.32	-0.25	0.0	0	0.9	20.2	0.2	0.0	0.0	0.0	
VMP-13-29.5	10/21/2015	0927	-0.35	-0.23	0.0	0	0.6	20.5	0.5	0.5	0.0	0.5	
VMP-13-29.5	11/23/2015	0919	-0.37	-0.31	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-13-29.5	12/16/2015	0958	-0.32	-0.22	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-13-29.5	1/20/2016	1418	-0.11	-0.17	0.0	0	0.1	20.7	0.3	0.0	0.0	0.0	
VMP-13-29.5	2/17/2016	1412	-0.12	-0.17	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-13-29.5	3/22/2016	0748	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to unsafe conditions at well vault.
VMP-13-29.5	4/20/2016	1005	0.00	0.00	0.0	0	0.2	20.7	1.1	2.1	0.0	2.1	
VMP-13-29.5	5/19/2016	1045	0.00	-0.88	0.0	0	0.3	20.6	1.3	0.0	0.0	0.0	
VMP-13-29.5	6/21/2016	0859	-0.85	-1.04	0.0	0	0.5	20.3	0.5	0.0	0.0	0.0	
VMP-13-29.5	7/20/2016	1045	0.15	0.00	0.0	0	0.5	20.3	0.2	0.0	0.0	0.0	
VMP-13-29.5	8/24/2016	1343	-0.70	-0.71	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-13-29.5-Dup	8/24/2016	1343	NM	NM	0.0	0	0.5	20.3	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-13-29.5	9/21/2016	0933	-0.31	-0.31	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-13-29.5	10/20/2016	0900	-0.88	-0.81	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-13-29.5	11/16/2016	0853	-0.21	-0.17	0.0	0	1.0	19.8	0.1	0.0	0.0	0.0	
VMP-13-29.5-Dup	11/16/2016	0853	NM	NM	0.0	0	1.0	19.8	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-13-29.5	12/5/2016	0926	0.00	NM	0.0	0	0.9	19.6	0.1	0.0	0.0	0.0	
VMP-13-29.5	12/21/2016	1022	0.00	0.00	0.0	0	1.2	19.8	0.1	0.0	0.0	0.0	Initial vacuum measured at -0.18 inwc on 12/28/2016.
VMP-13-29.5-Dup	12/21/2016	1022	NM	NM	0.0	0	1.2	19.8	0.1	0.0	0.0	0.0	Duplicate sample.

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-14-5	1/28/2015	0947	-0.19	-0.24	0.0	0	0.1	20.9	1.1	1.0	0.0	0.5	
VMP-14-5	2/25/2015	1218	-0.35	-0.59	0.0	0	0.1	20.9	0.4	0.3	0.0	0.3	
VMP-14-5	3/25/2015	1550	0.00	-0.19	0.0	0	0.3	20.6	1.0	2.9	0.0	2.9	
VMP-14-5	4/22/2015	1109	-0.13	0.00	0.0	0	0.3	20.7	0.5	0.7	0.0	0.7	
VMP-14-5	5/20/2015	0900	-0.18	-0.20	0.0	0	0.6	20.5	0.4	1.1	0.0	1.1	
VMP-14-5	6/18/2015	0829	-0.26	-0.18	0.0	0	2.2	18.8	0.6	1.7	0.0	1.7	
VMP-14-5	7/22/2015	0948	-0.50	-0.16	0.0	0	0.8	20.4	0.5	0.0	0.0	0.0	
VMP-14-5	8/19/2015	1025	-0.21	-0.28	0.0	0	0.9	19.9	0.7	0.0	0.0	0.0	
VMP-14-5	9/16/2015	0900	-0.56	0.31	0.0	0	0.3	20.7	1.0	0.0	0.0	0.0	
VMP-14-5	10/21/2015	0829	-0.44	-0.96	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-14-5	11/23/2015	0858	-0.16	-0.09	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-14-5	12/16/2015	0928	-0.11	-0.46	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-14-5	1/21/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-14-5	2/17/2016	1341	-0.17	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-14-5	3/22/2016	0850	0.00	0.00	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-14-5	4/20/2016	1026	0.00	0.00	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-14-5	5/19/2016	0930	-0.05	-0.03	0.0	0	0.5	20.5	0.9	0.1	0.0	0.1	
VMP-14-5	6/21/2016	0835	0.00	0.00	0.0	0	0.4	20.4	0.6	0.0	0.0	0.0	
VMP-14-5	7/20/2016	1030	-9.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-14-5	8/24/2016	0830	0.00	0.00	0.0	0	0.6	20.4	1.1	0.0	0.0	0.0	
VMP-14-5	9/21/2016	0912	-0.29	0.00	0.0	0	0.8	20.0	0.9	0.0	0.0	0.0	
VMP-14-5	10/20/2016	0825	0.00	0.00	0.0	0	0.3	20.6	0.9	0.0	0.0	0.0	
VMP-14-5	11/16/2016	0817	0.00	0.00	0.0	0	0.1	20.8	0.7	1.5	0.0	1.5	
VMP-14-5	12/5/2016	0900	0.00	NM	0.0	0	0.6	19.8	0.5	0.0	0.0	0.0	
VMP-14-5	12/22/2016	1038	0.00	0.00	0.0	0	0.3	20.7	0.1	2.4	2.4	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-14-11.5	1/28/2015	0953	-0.46	-0.47	0.0	0	0.1	20.9	0.6	0.6	0.0	0.6	
VMP-14-11.5	2/25/2015	1219	-0.30	-0.42	0.0	0	0.1	20.7	0.4	0.3	0.0	0.3	
VMP-14-11.5	3/25/2015	1550	-0.54	-0.57	0.0	0	0.3	20.7	1.0	2.4	0.0	2.4	
VMP-14-11.5	4/22/2015	1110	-0.25	-0.46	0.0	0	0.2	20.8	0.5	0.5	0.0	0.5	
VMP-14-11.5	5/20/2015	0905	-0.68	-0.63	0.0	0	0.7	20.4	0.3	0.6	0.0	0.6	
VMP-14-11.5	6/18/2015	0833	-0.29	-0.34	0.0	0	2.2	18.7	0.4	0.8	0.0	0.8	
VMP-14-11.5	7/22/2015	0952	-0.12	-0.44	0.0	0	0.9	20.3	0.6	0.0	0.0	0.0	
VMP-14-11.5	8/19/2015	1030	-0.23	-0.41	0.0	0	0.9	19.9	0.7	0.0	0.0	0.0	
VMP-14-11.5	9/16/2015	0905	-0.53	-1.03	0.0	0	0.4	20.7	0.7	0.0	0.0	0.0	
VMP-14-11.5	10/21/2015	0839	-0.59	-0.47	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-14-11.5	11/23/2015	0859	-0.55	-0.47	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-14-11.5	12/16/2015	0929	-0.25	-0.35	0.0	0	0.4	20.7	0.2	0.0	0.0	0.0	
VMP-14-11.5-Dup	12/16/2015	0929	NM	NM	0.0	0	0.4	20.8	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-14-11.5	1/21/2016	0906	-4.29	-0.31	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-14-11.5	2/17/2016	1342	-0.10	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-14-11.5	3/22/2016	0855	0.00	0.00	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-14-11.5	4/20/2016	1027	0.00	0.00	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-14-11.5-Dup	4/20/2016	1027	NM	NM	0.0	0	0.2	20.8	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-14-11.5	5/19/2016	0935	0.00	0.00	0.0	0	0.5	20.6	0.8	1.1	0.0	1.1	
VMP-14-11.5	6/21/2016	0840	0.00	0.00	0.0	0	0.4	20.6	1.5	1.1	0.0	1.1	
VMP-14-11.5	7/20/2016	1031	-46.66	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-14-11.5	8/24/2016	0831	-0.24	0.00	0.0	0	0.6	20.3	1.6	0.0	0.0	0.0	
VMP-14-11.5	9/21/2016	0913	0.00	0.00	0.0	0	0.8	20.2	1.3	0.0	0.0	0.0	
VMP-14-11.5	10/20/2016	0831	0.00	0.00	0.0	0	0.3	20.6	0.7	0.0	0.0	0.0	
VMP-14-11.5	11/16/2016	0818	0.00	0.00	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-14-11.5	12/5/2016	0901	0.00	NM	0.0	0	0.5	19.8	0.2	0.0	0.0	0.0	
VMP-14-11.5	12/22/2016	1041	0.00	0.00	0.0	0	0.2	20.7	0.2	1.5	1.2	0.3	Initial vacuum measured at 0.00 inwc on 12/28/2016.

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-14-20	1/28/2015	0955	-0.84	-1.06	0.0	0	2.1	17.8	3.5	5.7	3.6	2.1	
VMP-14-20	2/25/2015	1220	-0.81	-0.84	0.0	0	3.1	16.2	22.5	15.8	2.4	13.4	
VMP-14-20	3/25/2015	1551	-0.91	-1.52	0.0	0	2.0	18.0	1.6	7.7	7.7	0.0	
VMP-14-20	4/22/2015	1111	-3.19	-1.05	0.0	0	1.5	18.6	0.7	7.2	6.7	0.5	
VMP-14-20	5/20/2015	0910	-1.06	-1.17	0.0	0	2.2	18.2	0.4	3.5	0.0	3.5	
VMP-14-20	6/18/2015	0837	-0.61	-1.23	0.0	1	10.0	7.3	25.6	117	72.7	44.3	
VMP-14-20	7/22/2015	0956	-1.39	-1.03	0.0	0	3.7	16.3	5.7	41.1	26.1	15.0	
VMP-14-20	8/19/2015	1035	-0.99	-1.35	0.0	0	1.7	18.6	1.2	13.3	9.1	4.2	
VMP-14-20-Dup	8/19/2015	1035	NM	NM	0.0	0	2.0	18.1	1.2	26.0	13.7	12.2	
VMP-14-20	9/16/2015	0910	-1.03	0.17	0.0	0	1.7	18.7	5.0	26.8	11.5	15.3	
VMP-14-20	10/21/2015	0855	-0.93	-0.83	0.0	0	1.0	19.4	1.1	3.4	0.0	3.4	
VMP-14-20	11/23/2015	0900	-5.35	-0.96	0.0	0	2.3	17.8	5.3	24.7	5.6	19.1	
VMP-14-20	12/16/2015	0930	-1.18	-0.48	0.0	1	7.2	11.5	27.8	35.6	0.0	35.6	
VMP-14-20	1/21/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-14-20	2/17/2016	1343	-0.11	-0.59	0.0	0	3.5	16.1	5.7	9.5	1.5	8.0	
VMP-14-20	3/22/2016	0900	-0.52	-0.41	0.0	0	2.6	17.0	0.4	0.4	0.0	0.4	
VMP-14-20	4/20/2016	1028	0.00	0.00	0.0	0	5.7	11.9	0.6	7.4	6.5	0.9	
VMP-14-20	5/19/2016	0940	-0.52	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-20	6/21/2016	0845	-1.97	NM	0.0	0	7.5	6.1	4.7	8.3	6.2	2.1	Muddy water present in tedlar.
VMP-14-20	7/20/2016	1032	-90.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-14-20	8/24/2016	0832	-1.87	1.87	0.0	0	3.5	16.5	0.7	3.1	0.0	3.1	
VMP-14-20	9/21/2016	0914	0.00	0.00	0.0	0	2.8	17.7	0.5	1.2	0.0	1.2	
VMP-14-20	10/20/2016	0835	-0.76	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-14-20	11/16/2016	0819	0.00	0.00	0.0	0	0.2	20.8	0.6	0.0	0.0	0.0	
VMP-14-20	12/5/2016	0902	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Stainless steel tubing damaged.
VMP-14-20	12/22/2016	1044	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to pending re-installation.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-14-29	1/28/2015	0959	-1.15	-1.11	0.0	0	8.5	9.1	2.0	15.0	14.0	1.4	
VMP-14-29	2/25/2015	1221	-1.88	-1.03	0.0	0	5.7	12.5	1.3	1.7	0.0	1.7	
VMP-14-29	3/25/2015	1552	-1.15	-1.22	0.0	0	7.6	8.5	1.9	2.7	0.0	2.7	
VMP-14-29	4/22/2015	1112	-1.22	-1.07	0.0	0	11.7	2.2	1.4	8.2	3.2	5.0	
VMP-14-29	5/20/2015	0915	-1.22	-1.29	0.0	0	7.5	9.4	0.7	3.1	0.0	3.1	
VMP-14-29	6/18/2015	0841	-0.21	-1.19	0.0	0	7.3	10.3	1.4	2.6	0.0	2.6	
VMP-14-29	7/22/2015	1000	-1.03	-1.05	0.0	0	9.0	8.3	0.6	0.0	0.0	0.0	
VMP-14-29	8/19/2015	1045	-1.48	-1.54	0.0	0	6.7	12.0	1.1	0.0	0.0	0.0	
VMP-14-29	9/16/2015	0915	-0.87	-1.09	0.0	0	7.0	12.2	1.2	2.1	0.0	2.1	
VMP-14-29	10/21/2015	0900	-1.22	-0.99	0.0	0	5.3	14.9	0.7	0.8	0.0	0.8	
VMP-14-29	11/23/2015	0901	-1.15	-1.05	0.0	0	5.2	14.6	0.2	2.3	0.0	2.3	
VMP-14-29	12/16/2015	0931	-0.88	-3.97	0.0	0	6.7	13.3	0.5	1.2	0.0	1.2	
VMP-14-29	1/21/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-14-29	2/17/2016	1344	-0.63	-0.63	0.0	0	7.8	10.7	0.5	95.7	91.2	4.5	
VMP-14-29	3/22/2016	0905	0.00	0.00	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	Ambient air present in Tedlar. Re-sampled.
VMP-14-29	3/23/2016	1305	0.00	NM	0.0	0	0.5	20.3	1.1	0.0	0.0	0.0	Re-sample.
VMP-14-29-Dup	3/23/2016	1305	NM	NM	0.0	0	0.6	20.2	1.1	0.0	0.0	0.0	Duplicate sample.
VMP-14-29	4/20/2016	1029	0.00	0.00	0.0	0	0.7	20.0	0.6	0.0	0.0	0.0	
VMP-14-29	5/19/2016	0945	-0.40	-0.03	0.0	0	1.4	19.2	0.6	0.0	0.0	0.0	
VMP-14-29	6/21/2016	0850	0.00	0.00	0.0	0	0.4	20.4	0.6	0.0	0.0	0.0	
VMP-14-29	7/20/2016	1033	-3.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-14-29	8/24/2016	0833	0.00	0.00	0.0	0	0.6	20.4	0.5	0.0	0.0	0.0	
VMP-14-29	9/21/2016	0915	0.00	0.00	0.0	0	0.8	20.3	1.0	0.0	0.0	0.0	
VMP-14-29-Dup	9/21/2016	0915	NM	NM	0.0	0	0.8	20.2	0.8	0.0	0.0	0.0	Duplicate sample.
VMP-14-29	10/20/2016	0836	0.00	0.00	0.0	0	0.2	20.6	0.6	0.0	0.0	0.0	
VMP-14-29	11/16/2016	0823	0.00	0.00	0.0	0	0.1	20.8	0.8	0.0	0.0	0.0	
VMP-14-29	12/5/2016	0903	0.00	NM	0.0	0	0.8	19.1	0.6	0.0	0.0	0.0	
VMP-14-29	12/22/2016	1048	-1.30	0.00	0.0	0	0.2	20.7	0.3	1.8	1.8	0.0	Initial vacuum measured at -0.43 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-17-5	1/28/2015	1034	0.00	0.00	0.0	0	0.1	20.8	0.9	1.0	0.0	1.0	
VMP-17-5	2/25/2015	1458	0.00	0.00	0.0	0	0.1	20.8	0.5	0.6	0.0	0.6	
VMP-17-5	3/25/2015	0925	0.00	0.00	0.0	0	0.2	20.8	0.5	1.3	0.0	1.3	
VMP-17-5-Dup	3/25/2015	0925	0.00	0.00	0.0	0	0.2	20.8	0.5	1.2	0.0	1.2	Duplicate Sample
VMP-17-5	4/22/2015	1203	0.00	0.00	0.0	0	0.2	20.7	0.3	1.2	0.0	1.2	
VMP-17-5	5/20/2015	1415	0.00	0.00	0.0	0	0.7	20.5	0.2	1.4	0.0	1.4	
VMP-17-5	6/17/2015	1026	0.00	0.00	0.0	0	0.7	20.4	0.3	0.5	0.0	0.5	
VMP-17-5-Dup	6/17/2015	1026	NM	NM	0.0	0	0.7	20.4	0.3	0.4	0.0	0.4	Duplicate Sample
VMP-17-5	7/22/2015	1030	0.00	0.00	0.0	0	0.7	20.3	0.2	0.0	0.0	0.0	
VMP-17-5	8/19/2015	1410	0.00	0.00	0.0	0	0.7	20.3	0.3	0.0	0.0	0.0	
VMP-17-5	9/16/2015	1330	0.00	0.00	0.0	0	0.4	20.7	0.3	0.0	0.0	0.0	
VMP-17-5	10/21/2015	1250	0.00	0.00	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-17-5	11/23/2015	1357	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-17-5-Dup	11/23/2015	1357	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-17-5-Dup	11/23/2015	1402	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-17-5	12/17/2015	1325	0.00	0.00	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-17-5	1/20/2016	1107	0.13	0.00	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-17-5	2/17/2016	1519	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-17-5-Dup	2/17/2016	1519	NM	NM	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-17-5	3/22/2016	1350	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-17-5	4/21/2016	0905	-0.04	-0.03	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-17-5-Dup	4/21/2016	0905	NM	NM	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-17-5	5/19/2016	1325	-0.02	-0.03	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-17-5	6/21/2016	1110	0.00	0.00	0.0	0	0.5	20.5	0.7	0.0	0.0	0.0	
VMP-17-5	7/20/2016	1421	0.00	0.00	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	
VMP-17-5-Dup	7/20/2016	1421	NM	NM	0.0	0	0.7	20.3	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-17-5	8/24/2016	0851	0.00	0.00	0.0	0	0.8	20.3	0.1	0.0	0.0	0.0	
VMP-17-5	9/21/2016	1151	0.00	0.00	0.0	0	0.8	20.3	0.0	0.0	0.0	0.0	
VMP-17-5	10/20/2016	1117	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-17-5	11/16/2016	1055	0.00	0.00	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-17-5	12/21/2016	1308	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-18-8.5	1/28/2015	1010	-0.14	0.00	0.0	0	0.3	20.7	0.9	0.9	0.0	0.9	
VMP-18-8.5	2/26/2015	0915	-0.32	-0.10	0.0	0	0.3	20.7	0.8	0.2	0.0	0.2	
VMP-18-8.5	3/25/2015	1019	-0.16	-0.10	0.0	0	0.3	20.6	0.7	0.5	0.0	0.5	
VMP-18-8.5	4/22/2015	1418	0.00	0.00	0.0	0	0.9	20.0	1.0	0.4	0.0	0.4	
VMP-18-8.5	5/20/2015	1445	-0.10	-0.14	0.0	0	1.2	19.7	0.1	1.1	0.0	1.1	
VMP-18-8.5	6/17/2015	1041	-0.24	-0.17	0.0	0	1.6	19.2	0.3	0.0	0.0	0.0	
VMP-18-8.5	7/22/2015	1040	0.00	-0.10	0.0	0	2.6	18.8	0.1	0.0	0.0	0.0	
VMP-18-8.5-Dup	7/22/2015	1040	NM	NM	0.0	0	2.6	18.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-18-8.5	8/19/2015	1425	-0.10	-0.10	0.0	0	2.3	19.1	0.4	0.0	0.0	0.0	
VMP-18-8.5-Dup	8/19/2015	1425	NM	NM	0.0	0	2.3	19.0	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-18-8.5	9/16/2015	1350	0.00	0.00	0.0	0	1.7	19.8	0.3	0.0	0.0	0.0	
VMP-18-8.5	10/21/2015	1231	0.00	0.00	0.0	0	1.0	20.3	0.0	0.0	0.0	0.0	
VMP-18-8.5	11/23/2015	1419	-0.18	-0.11	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-18-8.5	12/17/2015	1340	-0.10	-0.13	0.0	0	0.6	20.3	0.3	0.0	0.0	0.0	
VMP-18-8.5	1/20/2016	1133	0.00	-0.18	0.0	0	0.7	20.4	0.2	0.0	0.0	0.0	
VMP-18-8.5	2/18/2016	0930	-0.10	0.00	0.0	0	0.5	20.5	0.4	0.0	0.0	0.0	
VMP-18-8.5	3/22/2016	1130	0.00	0.00	0.0	0	0.6	20.1	0.3	0.0	0.0	0.0	
VMP-18-8.5	4/21/2016	0920	-0.11	-1.08	0.0	0	1.1	19.2	0.5	0.0	0.0	0.0	
VMP-18-8.5	5/18/2016	0856	-0.10	-0.11	0.0	0	2.2	18.9	0.6	0.0	0.0	0.0	
VMP-18-8.5	6/21/2016	1130	0.00	0.00	0.0	0	2.6	19.0	0.4	0.0	0.0	0.0	
VMP-18-8.5	7/20/2016	1403	0.00	0.00	0.0	0	2.1	19.1	0.0	0.0	0.0	0.0	
VMP-18-8.5	8/24/2016	0945	0.00	0.00	0.0	0	2.5	18.5	0.0	0.0	0.0	0.0	
VMP-18-8.5	9/21/2016	1210	0.00	0.00	0.0	0	2.2	18.5	0.0	0.0	0.0	0.0	
VMP-18-8.5	10/20/2016	1152	0.00	0.00	0.0	0	2.4	19.3	0.2	0.0	0.0	0.0	
VMP-18-8.5	11/16/2016	1134	0.00	0.00	0.0	0	1.7	19.3	0.2	0.0	0.0	0.0	
VMP-18-8.5	12/21/2016	1248	0.00	0.00	0.0	0	1.8	19.7	0.3	0.0	0.0	0.0	

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-19-5	1/28/2015	1022	-0.09	0.00	0.0	0	0.1	20.9	1.3	1.1	0.0	1.1	
VMP-19-5	2/26/2015	0903	-0.11	-0.09	0.0	0	0.1	20.9	0.8	0.3	0.0	0.3	
VMP-19-5-Dup	2/26/2015	0903	NM	NM	0.0	0	0.1	20.9	0.8	0.3	0.0	0.3	Duplicate sample.
VMP-19-5	3/25/2015	1009	-0.09	0.00	0.0	0	0.2	20.9	0.7	1.1	0.0	1.1	
VMP-19-5	4/22/2015	1416	-0.33	0.00	0.0	0	0.5	20.6	0.8	0.5	0.0	0.5	
VMP-19-5	5/20/2015	1430	-1.81	-0.12	0.0	0	0.4	20.5	0.3	1.9	0.0	1.9	
VMP-19-5	6/17/2015	1036	-0.25	-0.19	0.0	0	0.7	20.4	0.3	1.0	0.0	1.0	
VMP-19-5	7/22/2015	1035	0.00	-0.13	0.0	0	0.6	20.4	0.1	0.0	0.0	0.0	
VMP-19-5	8/19/2015	1430	-0.16	-0.15	0.0	0	0.5	20.6	0.3	1.7	0.0	1.7	
VMP-19-5	9/16/2015	1340	-0.09	0.00	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-19-5	10/21/2015	1242	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-19-5	11/23/2015	1412	-0.12	-0.16	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-19-5	12/17/2015	1330	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-19-5	1/20/2016	1123	0.00	0.00	0.0	0	0.0	20.9	0.2	1.6	0.0	1.6	
VMP-19-5	2/18/2016	0920	-0.11	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-19-5	3/22/2016	1135	0.00	-0.11	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-19-5	4/21/2016	0915	-0.11	-0.10	0.0	0	0.2	20.7	0.8	0.0	0.0	0.0	
VMP-19-5	5/18/2016	0910	-0.17	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-19-5	6/21/2016	1120	-0.67	0.00	0.0	0	0.4	20.6	0.4	1.2	0.0	1.2	
VMP-19-5-Dup	6/21/2016	1125	NM	NM	0.0	0	0.4	20.6	0.6	1.7	0.0	1.7	Duplicate sample.
VMP-19-5	7/20/2016	1414	0.00	-0.11	0.0	0	0.5	20.5	0.3	1.5	0.0	1.5	
VMP-19-5	8/24/2016	1010	-0.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Sample not screened, water in tedlar.
VMP-19-5	8/25/2016	1450	-0.46	NM	0.0	0	0.4	20.4	0.2	0.0	0.0	0.0	Re-sample.
VMP-19-5	9/21/2016	1200	0.00	0.00	0.0	0	0.4	20.5	0.2	0.0	0.0	0.0	
VMP-19-5-Dup	9/21/2016	1200	NM	NM	0.0	0	0.4	20.5	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-19-5	10/20/2016	1144	0.00	0.00	0.0	0	0.2	20.6	0.2	0.0	0.0	0.0	
VMP-19-5	11/16/2016	1118	0.00	0.00	0.0	0	0.2	20.6	0.1	0.0	0.0	0.0	
VMP-19-5	12/21/2016	1300	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-29-10	1/28/2015	1054	-0.45	-0.44	0.0	0	0.1	20.9	4.9	5.2	0.8	4.4	
VMP-29-10	2/25/2015	1418	-0.40	-0.58	0.0	0	0.1	20.9	1.3	0.9	0.0	0.9	
VMP-29-10	3/25/2015	1407	-0.42	-0.65	0.0	0	0.1	20.8	1.0	1.7	0.0	1.7	
VMP-29-10	4/22/2015	1034	-0.63	-0.48	0.0	0	0.1	20.9	0.9	0.8	0.0	0.8	
VMP-29-10	5/20/2015	1035	-0.49	-0.55	0.0	0	0.0	20.9	0.8	1.7	0.0	1.7	
VMP-29-10	6/17/2015	0916	-0.39	-0.41	0.0	0	0.1	20.8	1.0	1.5	0.0	1.5	
VMP-29-10	7/22/2015	0900	-0.31	-0.34	0.0	0	0.5	20.5	1.2	0.0	0.0	0.0	
VMP-29-10	8/19/2015	1050	-0.26	-0.45	0.0	0	0.4	20.6	4.0	0.6	0.0	0.6	
VMP-29-10	9/16/2015	1005	-0.27	-0.26	0.0	0	0.3	20.7	1.6	0.0	0.0	0.0	
VMP-29-10	10/21/2015	1044	-0.28	-0.22	0.0	0	0.1	20.8	0.5	0.0	0.0	0.0	
VMP-29-10	11/23/2015	1012	-0.36	-0.31	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-29-10	12/16/2015	1047	-0.17	-0.25	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-29-10	1/22/2016	1007	-0.22	-0.24	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-29-10	2/17/2016	1103	-0.19	-0.20	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-29-10	3/22/2016	0950	0.00	-0.12	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-29-10	4/20/2016	0939	0.00	0.00	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-29-10	5/19/2016	1110	-0.18	-0.18	0.0	0	0.3	20.6	0.5	0.0	0.0	0.0	
VMP-29-10	6/21/2016	0925	-0.21	-0.27	0.0	0	0.3	20.5	5.1	6.3	0.0	6.3	
VMP-29-10	7/20/2016	1143	0.00	0.00	0.0	0	0.5	20.3	0.5	0.0	0.0	0.0	
VMP-29-10	8/24/2016	1430	0.00	-0.18	0.0	0	0.2	20.7	1.5	1.1	0.0	1.1	
VMP-29-10	9/21/2016	1013	0.00	-0.24	0.0	0	0.3	20.6	0.8	0.0	0.0	0.0	
VMP-29-10	10/20/2016	0940	-0.30	-0.30	0.0	0	0.3	20.7	0.9	0.0	0.0	0.0	
VMP-29-10	11/16/2016	0938	-0.10	-0.12	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-29-10	12/22/2016	1020	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-29-18	1/28/2015	1102	-0.48	-0.49	0.0	0	0.1	20.9	6.1	5.1	1.0	4.1	
VMP-29-18	2/25/2015	1418	-0.42	-0.74	0.0	0	0.1	20.9	1.4	1.3	0.0	1.3	
VMP-29-18	3/25/2015	1407	-0.44	-0.69	0.0	0	0.1	20.9	1.2	1.7	0.0	1.7	
VMP-29-18	4/22/2015	1035	-0.69	-0.51	0.0	0	0.0	20.9	1.9	3.1	0.0	3.1	
VMP-29-18	5/20/2015	1040	-0.52	-0.59	0.0	0	0.0	20.9	0.7	2.0	0.0	2.0	
VMP-29-18	6/17/2015	0920	-0.17	-0.39	0.0	0	0.2	20.7	4.3	4.5	0.0	4.5	
VMP-29-18	7/22/2015	0904	-0.32	-0.36	0.0	0	0.5	20.5	3.3	4.1	0.0	4.1	
VMP-29-18	8/19/2015	1055	-0.60	-0.47	0.0	0	0.0	20.9	0.5	0.4	0.0	0.4	
VMP-29-18	9/16/2015	1010	-0.28	-0.27	0.0	0	0.2	20.8	5.1	7.2	0.0	7.2	
VMP-29-18	10/21/2015	1050	-0.30	-0.24	0.0	0	0.2	20.9	2.0	1.4	0.0	1.4	
VMP-29-18	11/23/2015	1013	-0.39	-0.35	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-29-18	12/16/2015	1048	-0.21	-0.29	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-29-18	1/22/2016	1012	-0.23	-0.26	0.0	0	0.0	20.9	0.3	2.1	0.0	2.1	
VMP-29-18	2/17/2016	1103	-0.21	-0.26	0.0	0	0.0	20.9	0.2	0.4	0.0	0.4	
VMP-29-18	3/22/2016	0955	0.00	-0.14	0.0	0	0.0	20.9	0.5	0.3	0.0	0.3	
VMP-29-18	4/20/2016	0940	0.00	0.00	0.0	0	0.1	20.7	0.3	0.0	0.0	0.0	
VMP-29-18	5/19/2016	1115	-0.18	-0.18	0.0	0	0.2	20.6	1.2	0.0	0.0	0.0	
VMP-29-18	6/21/2016	0930	-0.23	-0.29	0.0	0	0.0	20.9	2.1	2.3	0.0	2.3	
VMP-29-18	7/20/2016	1144	0.00	0.00	0.0	0	0.5	20.3	1.8	0.0	0.0	0.0	
VMP-29-18	8/24/2016	1431	-0.24	-0.20	0.0	0	0.0	20.9	1.9	2.6	0.0	2.6	
VMP-29-18	9/21/2016	1012	0.00	-0.22	0.0	0	0.1	20.8	1.7	0.2	0.0	0.2	
VMP-29-18	10/20/2016	0945	-0.32	-0.31	0.0	0	0.1	20.8	0.6	0.2	0.0	0.2	
VMP-29-18	11/16/2016	0939	-0.11	-0.14	0.0	0	0.2	20.6	0.5	0.0	0.0	0.0	
VMP-29-18	12/22/2016	1024	0.00	0.00	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-29-26	1/28/2015	1107	-0.13	-0.25	0.0	0	0.1	20.8	3.5	3.5	0.0	3.5	
VMP-29-26	2/25/2015	1418	-0.69	-0.66	0.0	0	0.1	20.9	1.3	0.3	0.0	0.3	
VMP-29-26	3/25/2015	1408	-0.49	-0.72	0.0	0	0.1	20.8	0.9	1.6	0.0	1.6	
VMP-29-26	4/22/2015	1036	-0.74	-0.54	0.0	0	0.1	20.8	0.4	1.0	0.0	1.0	
VMP-29-26	5/20/2015	1045	-0.57	-0.63	0.0	0	0.0	20.9	0.5	2.0	0.0	2.0	
VMP-29-26-Dup	5/20/2015	1036	NM	NM	0.0	0	0.0	20.9	0.5	2.0	0.0	2.0	Duplicate sample.
VMP-29-26-Dup	5/20/2015	1045	NM	NM	0.0	0	0.0	20.9	0.5	2.0	0.0	2.0	Duplicate sample.
VMP-29-26	6/17/2015	0924	-0.46	-0.48	0.0	0	0.1	20.8	0.7	2.2	0.0	2.2	
VMP-29-26	7/22/2015	0908	-0.35	-0.39	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-29-26	8/19/2015	1100	-0.61	-0.49	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-29-26-Dup	8/19/2015	1100	NM	NM	0.0	0	0.2	20.9	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-29-26	9/16/2015	1015	-0.32	-0.30	0.0	0	0.2	20.8	0.4	0.0	0.0	0.0	
VMP-29-26	10/21/2015	1055	-0.22	-0.25	0.0	0	0.1	20.9	0.4	0.0	0.0	0.0	
VMP-29-26	11/23/2015	1014	-0.31	-0.21	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-29-26	12/16/2015	1049	-0.41	-0.30	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-29-26	1/22/2016	1015	-0.38	-0.35	0.0	0	0.2	20.8	0.8	2.0	0.0	2.0	
VMP-29-26	2/17/2016	1104	-0.12	-0.24	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-29-26	3/22/2016	1000	-0.09	-0.14	0.0	0	0.0	20.9	0.5	0.3	0.0	0.3	
VMP-29-26	4/20/2016	0941	0.00	0.00	0.0	0	0.1	20.7	0.3	0.0	0.0	0.0	
VMP-29-26	5/19/2016	1120	-0.19	-0.17	0.0	0	0.0	20.9	1.7	0.0	0.0	0.0	
VMP-29-26	6/21/2016	0935	-0.25	-0.30	0.0	0	0.2	20.6	8.6	16.7	0.0	16.7	
VMP-29-26	7/20/2016	1145	0.00	0.00	0.0	0	0.4	20.4	2.6	2.4	0.0	2.4	
VMP-29-26-Dup	7/20/2016	1145	NM	NM	0.0	0	0.3	20.6	1.8	1.3	0.0	1.3	Duplicate sample.
VMP-29-26	8/24/2016	1432	-0.26	-0.21	0.0	0	0.0	20.9	3.8	2.7	0.0	2.7	
VMP-29-26-Dup	8/24/2016	1432	NM	NM	0.0	0	0.3	20.7	3.8	4.8	0.0	4.8	Duplicate sample.
VMP-29-26	9/21/2016	1011	-0.21	-0.21	0.0	0	0.0	20.9	1.5	0.0	0.0	0.0	
VMP-29-26	10/20/2016	0951	-0.32	-0.32	0.0	0	0.0	20.9	0.7	0.3	0.0	0.3	
VMP-29-26	11/16/2016	0940	-0.11	-0.14	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-29-26	12/22/2016	1028	0.00	0.00	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-29-40	1/28/2015	NM	-7.99	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	2/25/2015	1422	-2.90	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	3/25/2015	1409	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged. Tedlar with ambient air accidently taken and not screened.
VMP-29-40	4/22/2015	1037	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	5/20/2015	1050	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged. Tedlar with ambient air accidently taken and not screened.
VMP-29-40	6/17/2015	0928	0.35	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	7/22/2015	0912	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	8/19/2015	1110	-1.59	-0.26	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged. Tedlar with ambient air accidently taken and not screened.
VMP-29-40	9/16/2015	1020	0.00	-0.28	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged. Tedlar with ambient air accidently taken and not screened.
VMP-29-40	10/21/2015	1056	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	11/23/2015	1015	-7.12	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/16/2015	1050	-6.85	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	1/22/2016	1016	4.60	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	2/17/2016	1105	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	3/22/2016	1005	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	4/20/2016	0942	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	5/19/2016	1125	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	6/21/2016	0940	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	7/20/2016	1147	-0.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	8/25/2016	1445	-4.94	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	9/21/2016	1010	-1.01	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	10/20/2016	0952	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	11/16/2016	0941	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/22/2016	1030	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-30-10	1/28/2015	1028	-0.77	-0.66	0.0	0	0.0	20.9	2.5	1.1	0.0	1.1	
VMP-30-10	2/25/2015	1049	-0.63	0.00	0.0	0	0.0	20.9	0.5	0.8	0.0	0.8	
VMP-30-10	3/25/2015	1446	-0.70	-0.76	0.0	0	0.1	20.9	1.0	2.0	0.0	2.0	
VMP-30-10	4/22/2015	1050	-0.77	-0.68	0.0	0	0.0	20.9	0.5	1.3	0.0	1.3	
VMP-30-10	5/20/2015	1000	-0.83	-0.77	0.0	0	0.0	20.9	0.5	2.2	0.0	2.2	
VMP-30-10	6/17/2015	0944	-0.27	-0.29	0.0	0	0.1	20.8	3.4	9.7	5.8	3.9	
VMP-30-10	7/22/2015	0913	-0.26	-0.27	0.0	0	0.0	20.9	2.5	3.3	0.0	3.3	
VMP-30-10	8/19/2015	0950	-0.27	-0.31	0.0	0	0.0	20.9	13.7	25.8	2.5	23.3	
VMP-30-10	9/16/2015	0940	-0.19	-0.21	0.0	0	0.0	20.9	9.1	15.3	0.0	15.3	
VMP-30-10	10/21/2015	0943	-0.34	-0.19	0.0	0	0.1	20.9	1.8	0.8	0.0	0.8	
VMP-30-10	11/23/2015	0937	-0.29	-0.25	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10-Dup	11/23/2015	0937	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-30-10-Dup	11/23/2015	0942	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-30-10	12/16/2015	1020	-0.24	-0.19	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-30-10	1/20/2016	1423	0.39	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-30-10	2/17/2016	1428	-0.17	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-30-10	3/22/2016	0920	-0.12	-0.17	0.0	0	0.0	20.9	0.2	0.2	0.0	0.2	
VMP-30-10	4/20/2016	1525	0.00	0.00	0.0	0	0.0	20.9	3.1	2.0	0.0	2.0	
VMP-30-10	5/19/2016	1005	-0.24	-0.22	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-30-10	6/21/2016	0900	-0.23	-0.31	0.0	0	0.0	20.9	8.4	16.6	0.0	16.6	
VMP-30-10	7/20/2016	1103	0.10	0.00	0.0	0	0.0	20.9	0.8	3.6	0.0	3.6	
VMP-30-10	8/24/2016	1405	-0.26	-0.28	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	
VMP-30-10	9/21/2016	0953	-0.23	-0.20	0.0	0	0.1	20.9	2.3	0.4	0.0	0.4	
VMP-30-10	10/20/2016	0911	-0.33	-0.29	0.0	0	0.1	20.9	0.5	0.0	0.0	0.0	
VMP-30-10	11/16/2016	0908	0.00	-0.13	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-30-10	12/21/2016	0945	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-30-18	1/28/2015	1036	-1.57	-1.39	0.0	0	0.1	20.9	2.3	1.0	0.0	1.0	
VMP-30-18	2/25/2015	1049	-1.34	-0.80	0.0	0	0.1	20.9	0.5	0.6	0.0	0.6	
VMP-30-18	3/25/2015	1447	-1.37	-1.47	0.0	0	0.1	20.9	1.0	1.3	0.0	1.3	
VMP-30-18	4/22/2015	1051	-1.55	-1.44	0.0	0	0.0	20.9	0.7	1.5	0.0	1.5	
VMP-30-18	5/20/2015	1005	-1.69	-1.49	0.0	0	0.0	20.9	0.5	2.4	0.0	2.4	
VMP-30-18	6/17/2015	0948	-0.58	-0.56	0.0	0	0.0	20.9	2.6	3.2	0.0	3.2	
VMP-30-18	7/22/2015	0917	-0.60	-0.59	0.0	0	0.1	20.8	7.7	13.3	0.0	13.3	
VMP-30-18	8/19/2015	0955	-0.61	-0.78	0.0	0	0.0	20.9	5.1	7.3	0.0	7.3	
VMP-30-18	9/16/2015	0945	-0.52	-0.51	0.0	0	0.0	20.9	2.9	4.8	0.0	4.8	
VMP-30-18	10/21/2015	0949	-0.64	-0.49	0.0	0	0.1	20.9	1.3	1.6	0.0	1.6	
VMP-30-18	11/23/2015	0938	-0.62	-0.57	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-30-18	12/16/2015	1021	-0.51	-0.46	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-30-18	1/20/2016	1428	-0.35	-0.41	0.0	0	0.0	20.9	0.4	0.4	0.0	0.4	
VMP-30-18	2/17/2016	1429	-0.49	-0.45	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-30-18	3/22/2016	0925	-0.35	-0.41	0.0	0	0.0	20.9	0.3	0.2	0.0	0.2	
VMP-30-18	4/20/2016	1530	0.00	0.00	0.0	0	0.1	20.8	0.6	0.0	0.0	0.0	
VMP-30-18	5/19/2016	1010	-0.48	-0.47	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-30-18	6/21/2016	0900	-0.23	-0.31	0.0	0	0.0	20.9	0.8	2.4	0.0	2.4	
VMP-30-18	7/20/2016	1104	0.12	0.00	0.0	0	0.2	20.7	2.3	2.5	0.0	2.5	
VMP-30-18	8/24/2016	1406	-0.50	-0.53	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-30-18	9/21/2016	0952	-0.50	-0.44	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-18	10/20/2016	0917	-0.64	-0.58	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-18	11/16/2016	0909	-0.36	-0.32	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-30-18	12/21/2016	0958	0.00	0.00	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-30-26	1/28/2015	1041	-1.63	-1.44	0.0	0	0.1	20.9	2.1	1.2	0.0	1.2	
VMP-30-26	2/25/2015	1049	-1.39	-0.77	0.0	0	0.1	20.9	0.5	0.5	0.0	0.5	
VMP-30-26-Dup	2/25/2015	1049	NM	NM	0.0	0	0.1	20.9	0.5	0.4	0.0	0.4	Duplicate sample.
VMP-30-26	3/25/2015	1447	-1.42	-1.52	0.0	0	0.1	20.9	1.0	1.7	0.0	1.7	
VMP-30-26-Dup	3/25/2015	1447	NM	NM	0.0	0	0.1	20.9	1.0	1.3	0.0	1.3	Duplicate sample.
VMP-30-26	4/22/2015	1052	-1.58	-1.48	0.0	0	0.1	20.9	1.0	2.0	0.0	2.0	
VMP-30-26	5/20/2015	1010	-1.73	-1.56	0.0	0	0.0	20.9	0.5	2.4	0.0	2.4	
VMP-30-26	6/17/2015	0952	-0.62	-0.66	0.0	0	0.0	20.9	0.7	2.6	0.0	2.6	
VMP-30-26-Dup	6/17/2015	0952	NM	NM	0.0	0	0.0	20.9	0.7	2.9	0.0	2.9	Duplicate sample.
VMP-30-26	7/22/2015	0921	-0.62	-0.61	0.1	0	0.0	20.9	4.7	4.6	0.0	4.6	
VMP-30-26	8/19/2015	1000	-0.63	-0.82	0.0	0	0.0	20.9	0.6	1.3	0.0	1.3	
VMP-30-26	9/16/2015	0950	-0.55	-0.52	0.0	0	0.1	20.9	1.0	1.8	0.0	1.8	
VMP-30-26-Dup	9/16/2015	0950	NM	NM	0.0	0	0.0	20.9	0.8	0.7	0.0	0.7	Duplicate sample.
VMP-30-26-Dup	9/16/2015	0955	NM	NM	0.0	0	0.0	20.9	0.8	0.7	0.0	0.7	Duplicate sample.
VMP-30-26	10/21/2015	0957	-0.66	-0.52	0.0	0	0.1	20.9	0.7	0.0	0.0	0.0	
VMP-30-26	11/23/2015	0939	-0.64	-0.52	0.0	0	0.2	20.9	0.0	0.0	0.0	0.0	
VMP-30-26	12/16/2015	1022	-0.52	-0.46	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-30-26-Dup	12/16/2015	1022	NM	NM	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-30-26-Dup	12/16/2015	1027	NM	NM	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-30-26	1/20/2016	1433	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-30-26	2/17/2016	1430	-0.51	-0.47	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-30-26	3/22/2016	0930	-0.36	-0.43	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-30-26-Dup	3/22/2016	0930	NM	NM	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-30-26	4/20/2016	1535	0.00	0.00	0.0	0	0.1	20.8	2.2	1.3	0.0	1.3	
VMP-30-26	5/19/2016	1015	-0.52	-0.49	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	
VMP-30-26-Dup	5/19/2016	1015	NM	NM	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	Duplicate sample.
VMP-30-26	6/21/2016	0910	-0.54	-0.71	0.0	0	0.0	20.9	1.3	2.3	0.0	2.3	
VMP-30-26-Dup	6/21/2016	0910	NM	NM	0.0	0	0.0	20.9	3.0	5.3	0.0	5.3	Duplicate sample.
VMP-30-26	7/20/2016	1105	0.12	0.00	0.0	0	0.3	20.6	0.5	0.0	0.0	0.0	
VMP-30-26	8/24/2016	1407	-0.53	-0.55	0.0	0	0.0	20.9	1.9	0.0	0.0	0.0	
VMP-30-26-Dup	8/24/2016	1407	NM	NM	0.0	0	0.0	20.9	1.9	3.0	0.0	3.0	Duplicate sample.
VMP-30-26	9/21/2016	0951	-0.52	-0.45	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-30-26	10/20/2016	0923	-0.66	-0.59	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-26	11/16/2016	0910	-0.37	-0.34	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-30-26	12/21/2016	1001	0.00	0.00	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-30-40	1/28/2015	1107	-7.99	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	2/25/2015	1049	-9.51	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	2/27/2015	1049	-9.51	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-30-40	3/25/2015	1448	-1.71	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged
VMP-30-40	4/22/2015	1053	-1.03	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	5/20/2015	1015	0.00	-1.48	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged. Tedlar with ambient air accidently taken and not screened.
VMP-30-40	6/17/2015	0956	-2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	7/22/2015	0925	0.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	8/19/2015	1005	8.99	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged. Tedlar with ambient air accidently taken and not screened.
VMP-30-40	9/16/2015	1000	2.37	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	10/21/2015	0958	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	11/23/2015	0940	-6.56	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/16/2015	1023	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	1/20/2016	1436	1.43	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	2/17/2016	1437	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	3/22/2016	0935	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	4/20/2016	1540	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	5/16/2016	1020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	6/21/2016	0920	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	7/20/2016	1106	-6.94	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	8/25/2016	1446	-0.41	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	9/21/2016	0950	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	10/20/2016	0924	0.88	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	11/16/2016	0911	0.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/21/2016	1004	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-32-5	1/29/2015	0956	-0.12	-0.10	0.0	0	0.1	20.9	0.5	1.3	0.0	1.3	
VMP-32-5	2/26/2015	1355	0.00	-0.10	0.0	0	0.1	20.9	0.3	2.1	0.0	2.1	
VMP-32-5	3/27/2015	0839	-0.09	0.00	0.0	0	0.1	20.9	0.8	1.6	0.0	1.6	
VMP-32-5	4/23/2015	1300	-0.12	-1.20	0.0	0	0.2	20.9	1.0	2.4	0.0	2.4	
VMP-32-5	5/21/2015	1457	0.00	0.00	0.0	0	0.1	20.8	0.4	2.8	0.0	2.8	
VMP-32-5	6/17/2015	1509	0.00	0.00	0.0	0	0.4	20.5	0.5	1.2	0.0	1.2	
VMP-32-5	7/23/2015	1440	0.00	0.00	0.0	0	0.2	20.7	0.4	1.9	0.0	1.9	
VMP-32-5	8/20/2015	1526	0.00	-0.47	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-32-5	9/17/2015	1510	0.00	0.00	0.0	0	0.0	20.9	0.2	0.4	0.0	0.4	
VMP-32-5	10/22/2015	1114	0.00	0.00	0.0	0	0.0	20.9	0.4	0.9	0.0	0.9	
VMP-32-5	11/24/2015	1000	-0.35	-0.17	0.0	0	0.5	20.6	0.2	0.0	0.0	0.0	
VMP-32-5	12/17/2015	1427	0.00	-0.16	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-32-5	1/22/2016	1005	-0.22	-0.17	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-32-5	2/18/2016	1027	0.00	-0.25	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	
VMP-32-5	3/14/2016	0928	0.00	NM	0.0	0	0.4	20.5	0.5	0.0	0.0	0.0	
VMP-32-5	3/24/2016	0935	-0.34	-0.18	0.0	0	0.3	20.5	0.4	0.0	0.0	0.0	SVE system shut down at 0939.
VMP-32-5	3/28/2016	1400	-0.19	NM	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-32-5	4/20/2016	1435	0.00	-0.09	0.0	0	0.7	19.9	0.2	0.0	0.0	0.0	
VMP-32-5	5/19/2016	1420	-0.26	-0.28	0.0	0	0.8	20.0	0.4	0.0	0.0	0.0	
VMP-32-5	6/22/2016	1350	-0.13	0.00	0.0	0	1.7	19.1	0.5	0.0	0.0	0.0	
VMP-32-5	7/22/2016	0856	0.00	0.00	0.0	0	2.5	18.1	0.8	0.8	0.0	0.8	
VMP-32-5	8/25/2016	1115	-0.14	-0.17	0.0	0	2.1	19.0	0.9	0.0	0.0	0.0	
VMP-32-5	9/22/2016	1319	0.00	-0.09	0.0	0	1.9	18.8	0.4	0.0	0.0	0.0	
VMP-32-5	10/21/2016	1308	-0.13	-0.12	0.0	0	1.8	19.0	0.0	0.0	0.0	0.0	
VMP-32-5-Dup	10/21/2016	1308	NM	NM	0.0	0	2.1	18.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-32-5	11/17/2016	1102	0.00	0.00	0.0	0	1.3	19.8	0.2	0.0	0.0	0.0	
VMP-32-5	12/22/2016	1418	0.00	0.00	0.0	0	0.9	20.1	0.1	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-32-10	1/29/2015	1000	-0.10	-0.11	0.0	0	0.7	20.4	0.7	0.6	0.0	0.6	
VMP-32-10	2/26/2015	1355	0.00	-0.10	0.0	0	0.7	20.5	0.4	0.8	0.0	0.8	
VMP-32-10	2/26/2015	1400	-0.09	-0.10	0.0	0	0.7	20.5	0.4	0.8	0.0	0.8	
VMP-32-10	3/27/2015	0839	0.00	0.00	0.0	0	0.3	20.9	0.8	1.4	0.0	1.4	
VMP-32-10	4/23/2015	1305	-0.43	0.00	0.0	0	0.3	20.7	1.2	2.7	0.0	2.7	
VMP-32-10	5/21/2015	1501	-0.14	-0.12	0.0	0	0.9	20.0	0.4	1.7	0.0	1.7	
VMP-32-10	6/17/2015	1513	-0.25	-0.16	0.0	0	1.5	19.5	0.3	0.0	0.0	0.0	
VMP-32-10	7/23/2015	1445	0.00	0.00	0.0	0	1.7	19.4	0.4	0.5	0.0	0.5	
VMP-32-10	8/20/2015	1534	-0.54	0.00	0.0	0	1.7	19.4	0.0	0.0	0.0	0.0	
VMP-32-10	9/17/2015	1515	0.00	0.00	0.0	0	1.1	20.0	0.2	0.0	0.0	0.0	
VMP-32-10	10/22/2015	1119	0.00	0.00	0.0	0	0.7	20.1	0.7	0.2	0.0	0.2	
VMP-32-10	11/24/2015	1005	-0.35	-0.27	0.0	0	0.9	20.3	0.1	0.0	0.0	0.0	
VMP-32-10	12/17/2015	1428	0.00	0.00	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	
VMP-32-10	1/22/2016	1010	-0.18	-0.17	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-32-10	2/18/2016	1032	-0.25	-0.19	0.0	0	0.4	20.7	0.4	0.0	0.0	0.0	
VMP-32-10	3/14/2016	0933	0.00	NM	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	
VMP-32-10	3/24/2016	0940	-0.46	-0.16	0.0	0	0.4	20.4	0.4	0.0	0.0	0.0	SVE system shut down at 0939.
VMP-32-10	3/28/2016	1405	-0.27	NM	0.0	0	0.6	20.3	0.3	0.0	0.0	0.0	
VMP-32-10	4/20/2016	1440	-0.04	-0.11	0.0	0	0.7	20.1	0.1	0.0	0.0	0.0	
VMP-32-10	5/19/2016	1425	-0.37	-0.39	0.0	0	0.7	20.2	0.8	0.0	0.0	0.0	
VMP-32-10	6/22/2016	1355	-0.15	0.00	0.0	0	1.4	19.2	0.3	0.0	0.0	0.0	
VMP-32-10	7/22/2016	0857	0.00	0.00	0.0	0	2.2	18.4	0.2	0.0	0.0	0.0	
VMP-32-10	8/25/2016	1116	-0.20	-0.24	0.0	0	2.1	18.8	0.2	0.0	0.0	0.0	
VMP-32-10	9/22/2016	1320	0.00	-0.11	0.0	0	2.0	18.7	0.2	0.0	0.0	0.0	
VMP-32-10	10/21/2016	1311	-0.20	-0.19	0.0	0	2.0	19.0	0.0	0.0	0.0	0.0	
VMP-32-10	11/17/2016	1103	0.00	0.00	0.0	0	1.4	19.5	0.1	0.0	0.0	0.0	
VMP-32-10	12/22/2016	1420	-0.12	-0.11	0.0	0	1.1	19.9	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-32-20	1/29/2015	1004	-1.62	-1.51	0.0	0	0.1	20.8	0.6	1.1	0.0	1.1	
VMP-32-20	2/26/2015	1405	-1.33	-1.39	0.0	0	0.7	20.5	1.2	1.5	0.0	1.5	
VMP-32-20-Dup	2/26/2015	1405	NM	NM	0.0	0	0.7	20.6	1.2	1.4	0.0	1.4	Duplicate sample.
VMP-32-20	3/27/2015	0840	-0.60	-0.59	0.0	0	0.4	20.6	0.6	1.2	0.0	1.2	
VMP-32-20	4/23/2015	1310	-1.02	-0.48	0.0	0	0.2	20.9	1.0	2.5	0.0	2.5	
VMP-32-20	5/21/2015	1505	-1.47	-1.44	0.0	0	0.6	20.4	0.3	1.6	0.0	1.6	
VMP-32-20	6/17/2015	1517	-1.23	-1.01	0.0	0	0.4	20.6	0.9	1.5	0.0	1.5	
VMP-32-20	7/23/2015	1450	-0.84	-0.55	0.0	0	0.3	20.5	0.6	0.0	0.0	0.0	
VMP-32-20	8/20/2015	1536	-0.78	-0.71	0.0	0	0.2	20.7	0.1	0.2	0.0	0.2	
VMP-32-20	9/17/2015	1520	-0.82	-0.71	0.0	0	0.2	20.7	0.4	0.4	0.0	0.4	
VMP-32-20	10/22/2015	1124	-0.92	-1.06	0.0	0	0.1	20.8	0.5	0.9	0.0	0.9	
VMP-32-20	11/24/2015	1010	-1.28	-1.02	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-32-20	12/17/2015	1429	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-32-20	1/22/2016	1015	-3.99	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-32-20	2/18/2016	1037	-1.06	-0.93	0.0	0	0.0	20.9	0.3	0.1	0.0	0.1	
VMP-32-20	3/14/2016	0938	0.00	NM	0.0	0	0.2	20.8	0.6	0.6	0.0	0.6	
VMP-32-20	3/24/2016	0945	-0.78	-0.37	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	SVE system shut down at 0939.
VMP-32-20	3/28/2016	1410	-0.60	NM	0.0	0	0.1	20.9	0.3	0.0	0.0	0.0	
VMP-32-20	4/20/2016	1445	-0.02	-0.09	0.0	0	0.5	20.2	0.0	0.0	0.0	0.0	
VMP-32-20	5/19/2016	1430	-0.77	-0.79	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-32-20	6/22/2016	1400	-0.31	-0.19	0.0	0	0.2	20.6	0.3	0.0	0.0	0.0	
VMP-32-20	7/22/2016	0857	0.00	0.00	0.0	0	0.4	20.4	0.2	0.0	0.0	0.0	
VMP-32-20	8/25/2016	1117	-0.52	-0.59	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-32-20	9/22/2016	1321	-0.24	-0.30	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-32-20	10/21/2016	1315	-0.32	-0.29	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-32-20	11/17/2016	1104	-0.18	-0.16	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-32-20	12/22/2016	1423	-0.28	-0.27	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-32-30	1/29/2015	1008	-3.44	-1.79	0.0	0	1.2	20.0	0.7	0.4	0.0	0.4	
VMP-32-30	2/26/2015	1410	-1.83	-1.46	0.0	0	1.3	19.9	0.7	1.3	0.0	1.3	
VMP-32-30	3/27/2015	0840	-1.75	-1.60	0.0	0	1.1	20.2	0.7	0.8	0.0	0.8	
VMP-32-30-Dup	3/27/2015	0840	NM	NM	0.0	0	1.1	20.2	0.7	0.7	0.0	0.7	Duplicate sample.
VMP-32-30	4/23/2015	1315	-1.46	-1.30	0.0	0	1.1	19.8	1.0	1.1	0.0	1.1	
VMP-32-30	5/21/2015	1509	-1.46	-1.43	0.0	0	1.2	19.7	0.4	2.2	0.0	2.2	
VMP-32-30	6/17/2015	1521	-1.29	-1.08	0.0	0	1.1	19.8	0.6	0.4	0.0	0.4	
VMP-32-30	7/23/2015	1455	-0.68	-0.59	0.0	0	0.5	20.2	0.4	0.0	0.0	2.3	
VMP-32-30	8/20/2015	1541	-0.69	-0.64	0.0	0	1.0	20.1	0.1	0.0	0.0	0.0	
VMP-32-30	9/17/2015	1525	-0.44	-0.38	0.0	0	0.9	19.9	0.1	0.2	0.0	0.2	
VMP-32-30	10/22/2015	1129	-0.22	-0.16	0.0	0	0.7	20.2	0.5	0.8	0.0	0.8	
VMP-32-30	11/24/2015	1015	-0.34	-0.27	0.0	0	1.0	20.1	0.1	0.0	0.0	0.0	
VMP-32-30	12/17/2015	1430	0.00	0.00	0.0	0	0.8	20.3	0.0	0.0	0.0	0.0	
VMP-32-30	1/22/2016	1020	-0.14	-0.15	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-32-30	2/18/2016	1042	-0.22	-0.15	0.0	0	0.3	20.7	0.4	0.0	0.0	0.0	
VMP-32-30	3/14/2016	0943	0.00	NM	0.0	0	0.5	20.5	0.5	0.0	0.0	0.0	
VMP-32-30	3/24/2016	0950	-0.31	-0.18	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	SVE system shut down at 0939.
VMP-32-30-Dup	3/24/2016	0950	NM	NM	0.0	0	0.4	20.4	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-32-30	3/28/2016	1415	-0.13	NM	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-32-30	4/20/2016	1450	-0.03	-0.07	0.0	0	0.9	19.9	0.3	0.0	0.0	0.0	
VMP-32-30	5/19/2016	1435	-0.27	-0.29	0.0	0	0.8	20.1	0.1	0.0	0.0	0.0	
VMP-32-30	6/22/2016	1405	-0.11	0.00	0.0	0	0.8	19.9	0.4	0.0	0.0	0.0	
VMP-32-30	7/22/2016	0859	0.00	0.00	0.0	0	1.5	19.2	0.2	0.0	0.0	0.0	
VMP-32-30	8/25/2016	1118	-0.16	-0.22	0.0	0	1.5	19.0	0.1	0.0	0.0	0.0	
VMP-32-30	9/22/2016	1322	0.00	-0.10	0.0	0	1.5	19.3	0.4	0.0	0.0	0.0	
VMP-32-30	10/21/2016	1317	-0.12	-0.10	0.0	0	1.8	19.2	0.0	0.0	0.0	0.0	
VMP-32-30	11/17/2016	1105	0.00	0.00	0.0	0	0.8	20.1	0.4	0.0	0.0	0.0	
VMP-32-30	12/22/2016	1425	0.00	0.00	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-33-10	1/29/2015	1415	-0.42	-0.43	0.0	0	0.0	20.9	1.6	3.4	0.0	3.4	
VMP-33-10	2/25/2015	0956	-0.63	-0.38	0.0	0	0.0	20.7	0.7	0.8	0.0	0.8	
VMP-33-10	3/25/2015	1418	-0.34	-0.33	0.0	0	0.0	20.9	1.2	3.0	0.0	3.0	
VMP-33-10	4/22/2015	1024	-0.52	-0.45	0.0	0	0.0	20.9	0.6	1.7	0.0	1.7	
VMP-33-10	5/20/2015	0926	-0.58	-0.58	0.0	0	0.0	20.9	0.4	1.1	0.0	1.1	
VMP-33-10	6/17/2015	0915	-0.52	-0.53	0.0	0	0.0	20.9	0.9	2.4	0.0	2.4	
VMP-33-10	7/22/2015	0911	-0.39	-0.35	0.0	0	0.0	20.9	0.2	1.0	0.0	1.0	
VMP-33-10	8/19/2015	0950	-0.44	-0.50	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-33-10	9/16/2015	0917	-0.37	-0.39	0.0	0	0.0	20.9	0.6	0.6	0.0	0.6	
VMP-33-10	10/21/2015	1249	-0.30	-0.30	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-33-10	11/23/2015	0845	-0.65	-0.45	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-33-10	12/16/2015	1005	-0.66	-0.61	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-33-10	1/20/2016	1055	-0.24	-0.12	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-33-10	2/17/2016	0955	-0.46	-0.48	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-33-10	3/22/2016	0930	-0.33	-0.25	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-33-10	4/20/2016	0950	1.26	-0.10	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-33-10	5/18/2016	1210	-0.70	-0.66	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-33-10	6/21/2016	0905	-0.22	0.00	0.0	0	0.0	20.4	0.4	0.0	0.0	0.0	
VMP-33-10-Dup	6/21/2016	0905	NM	NM	0.0	0	0.0	20.4	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-33-10	7/21/2016	0933	0.00	-0.11	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-33-10	8/24/2016	0934	0.00	0.00	0.0	0	0.7	19.5	0.3	0.0	0.0	0.0	
VMP-33-10	9/21/2016	0935	0.00	-0.09	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-33-10	10/20/2016	0945	-0.30	-0.24	0.0	0	0.4	20.8	0.2	0.0	0.0	0.0	
VMP-33-10	11/16/2016	0955	0.00	0.00	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-33-10	12/21/2016	1200	0.00	0.00	0.0	0	0.4	20.0	0.0	0.0	0.0	0.0	

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-33-20	1/29/2015	1420	-3.43	-3.51	0.0	0	0.2	20.9	1.3	1.4	0.0	1.4	
VMP-33-20	2/25/2015	0959	-2.80	-3.04	0.0	0	0.2	20.7	0.7	0.8	0.0	0.8	
VMP-33-20	3/25/2015	1416	-2.89	-2.91	0.0	0	0.2	20.8	1.2	2.3	0.0	2.3	
VMP-33-20	3/25/2015	1418	-2.89	-2.91	0.0	0	0.2	20.8	1.2	2.3	0.0	2.3	
VMP-33-20	4/22/2015	1028	-3.52	-3.31	0.0	0	0.1	20.8	0.6	0.7	0.0	0.7	
VMP-33-20	5/20/2015	0931	-3.69	-3.69	0.0	0	0.0	20.9	0.4	0.4	0.0	0.4	
VMP-33-20	6/17/2015	0920	-3.52	-3.53	0.0	0	0.1	20.8	1.1	1.1	0.0	1.1	
VMP-33-20	7/22/2015	0915	-3.49	-3.39	0.0	0	0.2	20.6	1.6	0.0	0.0	0.0	
VMP-33-20	8/19/2015	0955	-3.27	-3.50	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-33-20	9/16/2015	0922	-3.80	-3.79	0.0	0	0.3	20.7	0.5	1.8	0.0	1.8	
VMP-33-20	10/21/2015	1253	-3.55	-3.46	0.0	0	0.3	20.8	0.5	0.0	0.0	0.0	
VMP-33-20	11/23/2015	0850	-2.36	-3.59	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-33-20	12/16/2015	1010	-0.49	-4.43	0.0	0	0.1	20.8	0.5	0.0	0.0	0.0	
VMP-33-20	1/20/2016	1100	-1.04	-0.90	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-33-20	2/17/2016	1000	-3.47	-4.23	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-33-20	3/22/2016	0935	-3.60	-3.46	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-33-20	4/20/2016	0955	-1.23	-0.37	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-33-20	5/18/2016	1215	-4.71	-4.58	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-33-20	6/21/2016	0910	-0.38	0.00	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-33-20	7/21/2016	0937	-0.37	-0.29	0.0	0	0.2	20.0	0.2	0.0	0.0	0.0	
VMP-33-20-Dup	7/21/2016	0937	NM	NM	0.0	0	0.2	20.0	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-33-20	8/24/2016	0935	-0.30	-0.48	0.0	0	0.2	19.5	0.2	0.0	0.0	0.0	
VMP-33-20-Dup	8/24/2016	0935	NM	NM	0.0	0	0.2	19.5	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-33-20	9/21/2016	0937	-0.10	-0.61	0.0	0	0.3	19.2	0.3	0.0	0.0	0.0	
VMP-33-20-Dup	9/21/2016	0937	NM	NM	0.0	0	0.3	19.2	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-33-20	10/20/2016	0948	-0.58	-0.48	0.0	0	0.5	19.3	0.2	0.0	0.0	0.0	
VMP-33-20	11/16/2016	0956	-0.17	-0.11	0.0	0	0.5	19.6	0.0	0.0	0.0	0.0	
VMP-33-20	12/21/2016	1202	0.00	0.00	0.0	0	1.3	18.3	0.1	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-33-30	1/29/2015	1425	-7.43	-7.58	1.7	34	14.5	2.6	181	1740	412	1328	
VMP-33-30	2/25/2015	1003	-6.37	-6.66	5.9	OVR	14.2	3.2	383	3380	347	3033	
VMP-33-30	3/25/2015	1421	-6.28	-6.28	16.9	OVR	12.0	4.5	520	6270	626	5644	
VMP-33-30	3/25/2015	1434	-6.28	-6.28	16.9	OVR	12.0	4.5	520	6270	626	5644	
VMP-33-30	4/22/2015	1032	-7.18	-6.94	20.5	OVR	15.1	1.0	642	9600	1410	8190	
VMP-33-30	5/20/2015	0936	-7.68	-7.68	NM	NM	NM	NM	NM	NM	NM	NM	
VMP-33-30	6/17/2015	0925	-7.28	-7.25	12.1	OVR	12.1	3.6	377	6280	536	5744	
VMP-33-30	7/22/2015	0920	-7.37	-7.21	7.8	OVR	10.0	6.6	354	4840	341	4499	
VMP-33-30	8/19/2015	1000	-6.89	-7.20	18.7	OVR	12.7	3.3	450	8620	562	8058	
VMP-33-30	9/16/2015	0927	-8.12	-8.16	20.2	OVR	16.3	0.9	554	8930	497	8433	
VMP-33-30	10/21/2015	1256	-7.80	-7.67	13.6	OVR	13.3	4.4	453	5840	387	5453	
VMP-33-30	11/23/2015	0855	-9.19	-6.93	9.0	OVR	15.0	3.8	448	5130	241	4889	
VMP-33-30	12/16/2015	1015	-9.42	-9.26	6.3	OVR	17.1	2.3	505	4020	136	3884	
VMP-33-30	1/20/2016	1105	-1.92	-1.91	0.3	6	14.5	3.9	104	376	23.7	352	
VMP-33-30	2/17/2016	1005	-7.07	-9.05	0.3	7	10.4	8.5	144	475	92.9	382	
VMP-33-30-Dup	2/17/2016	1005	NM	NM	0.5	10	14.1	4.0	144	600	111	489	Duplicate sample.
VMP-33-30	3/22/2016	0940	-7.80	-7.70	0.2	5	10.6	7.5	122	336	61.2	275	
VMP-33-30-Dup	3/22/2016	0940	NM	NM	0.4	7	13.6	3.7	122	524	74.5	450	Duplicate sample.
VMP-33-30	4/20/2016	1000	0.27	-0.49	0.0	0	11.7	4.8	23.0	66.6	1.1	65.5	
VMP-33-30	5/18/2016	1220	-9.46	-9.37	0.1	2	8.0	10.7	19.6	103	10.1	92.8	
VMP-33-30-Dup	5/18/2016	1220	NM	NM	0.2	4	11.7	5.1	19.6	186	18.1	168	Duplicate sample.
VMP-33-30	6/21/2016	0915	-0.48	0.00	0.0	0	6.3	13.9	2.8	4.2	0.0	4.2	
VMP-33-30	7/21/2016	0944	-0.46	-0.39	0.0	0	3.8	16.5	0.4	0.0	0.0	0.0	
VMP-33-30	8/24/2016	0936	-0.43	-0.61	0.0	0	3.7	15.9	0.7	0.0	0.0	0.0	
VMP-33-30	9/21/2016	0940	-0.77	-0.78	0.0	0	4.2	15.2	0.3	0.0	0.0	0.0	
VMP-33-30	10/20/2016	0950	-0.19	-0.23	0.0	0	3.3	17.3	0.2	0.0	0.0	0.0	
VMP-33-30	11/16/2016	0958	0.00	0.00	0.0	0	3.5	17.1	0.2	0.0	0.0	0.0	
VMP-33-30	12/21/2016	1205	0.00	0.00	0.0	0	3.7	16.7	0.1	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-34-10	1/29/2015	1450	-1.20	-1.32	0.0	0	0.1	20.9	1.1	2.3	0.0	2.3	
VMP-34-10	2/25/2015	1033	-0.10	-0.18	0.0	0	0.3	20.2	0.5	1.2	0.0	1.2	
VMP-34-10	3/25/2015	1340	-0.81	-0.69	0.0	0	1.0	19.2	1.0	3.5	0.0	3.5	
VMP-34-10	3/25/2015	1346	-0.81	-0.69	0.0	0	1.0	19.2	1.0	3.5	0.0	3.5	
VMP-34-10	4/22/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-34-10	5/20/2015	1013	-0.93	-0.68	0.0	0	0.4	20.2	0.4	1.1	0.0	1.1	
VMP-34-10	6/17/2015	0950	-1.07	-1.10	0.0	0	0.3	20.4	0.9	1.8	0.0	1.8	
VMP-34-10	7/22/2015	0956	-0.67	-0.63	0.0	0	1.1	19.4	1.0	0.0	0.0	0.0	
VMP-34-10	8/19/2015	1025	-1.02	-1.10	0.0	0	2.6	17.4	0.5	0.0	0.0	0.0	
VMP-34-10	9/16/2015	0949	-0.68	-0.61	0.0	0	2.3	18.3	1.1	0.5	0.0	0.5	
VMP-34-10	10/21/2015	1138	-0.43	-0.28	0.0	0	0.4	20.4	0.5	0.0	0.0	0.0	
VMP-34-10	11/23/2015	0930	-1.29	-0.25	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-34-10	12/16/2015	1045	-1.08	-1.13	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-34-10	1/20/2016	1125	-0.16	0.00	0.0	0	0.2	20.6	0.1	0.0	0.0	0.0	
VMP-34-10	2/17/2016	1025	-1.07	-0.95	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-34-10	3/22/2016	1025	-0.42	-0.30	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-34-10	4/20/2016	1030	-0.47	-0.29	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-34-10	5/18/2016	1130	-1.75	-1.62	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-34-10	6/21/2016	0930	-0.22	0.00	0.0	0	0.1	20.7	0.1	0.2	0.0	0.2	
VMP-34-10	7/21/2016	1028	-0.45	-0.45	0.0	0	0.2	20.5	0.3	0.0	0.0	0.0	
VMP-34-10	8/24/2016	1034	-0.61	-0.76	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-34-10	9/21/2016	1030	-0.48	-0.70	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-34-10	10/20/2016	1040	-0.91	-0.57	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-34-10	11/16/2016	1030	-0.40	-0.35	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-34-10	12/21/2016	1142	0.00	0.00	0.0	0	1.0	19.5	0.3	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-34-20	1/29/2015	1455	0.00	0.00	0.0	0	0.0	20.9	1.4	2.4	0.0	2.4	
VMP-34-20	2/25/2015	1038	0.00	0.00	0.0	0	0.0	20.7	0.7	0.7	0.0	0.7	
VMP-34-20	3/25/2015	1343	0.00	0.00	0.0	0	0.0	20.9	1.7	2.6	0.0	2.6	
VMP-34-20	3/25/2015	1346	0.00	0.00	0.0	0	0.0	20.9	1.7	2.6	0.0	2.6	
VMP-34-20	4/22/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-34-20	5/20/2015	1018	-1.62	-1.22	0.0	0	2.4	18.5	0.5	1.0	0.0	1.0	First sample after re-installation of port.
VMP-34-20-Dup	5/20/2015	1018	NM	NM	0.0	0	2.4	18.6	0.5	0.7	0.0	0.7	Duplicate sample.
VMP-34-20	6/17/2015	0955	-1.52	-1.53	0.0	0	2.8	18.1	1.1	0.8	0.0	0.8	
VMP-34-20	7/22/2015	1000	-1.25	-1.15	0.0	0	3.2	17.7	1.0	0.0	0.0	0.0	
VMP-34-20	8/19/2015	1030	-1.48	-1.62	0.0	0	3.8	16.7	0.5	0.0	0.0	0.0	
VMP-34-20	9/16/2015	0954	-1.31	-1.23	0.0	0	4.3	16.7	0.7	0.0	0.0	0.0	
VMP-34-20	10/21/2015	1141	-0.98	-0.71	0.0	0	4.7	17.0	1.1	0.0	0.0	0.0	
VMP-34-20	11/23/2015	0935	-1.93	-1.43	0.0	0	3.2	18.8	0.2	0.0	0.0	0.0	
VMP-34-20	12/16/2015	1050	-1.71	-1.59	0.0	0	3.0	18.8	0.2	0.0	0.0	0.0	
VMP-34-20	1/20/2016	1130	-0.62	-1.32	0.0	0	3.0	18.8	0.2	0.0	0.0	0.0	
VMP-34-20	2/17/2016	1030	-1.78	-1.64	0.0	0	2.1	19.4	0.4	0.0	0.0	0.0	
VMP-34-20	3/22/2016	1030	-0.81	-0.62	0.0	0	1.5	19.7	0.5	0.0	0.0	0.0	
VMP-34-20	4/20/2016	1035	-1.01	-0.56	0.0	0	1.6	19.7	0.3	0.0	0.0	0.0	
VMP-34-20	5/18/2016	1135	-2.45	-2.32	0.0	0	1.2	20.0	0.3	0.0	0.0	0.0	
VMP-34-20	6/21/2016	0935	-0.94	-0.87	0.0	0	1.6	18.9	0.2	0.0	0.0	0.0	
VMP-34-20	7/21/2016	1032	-0.10	-0.73	0.0	0	2.9	17.3	0.1	0.0	0.0	0.0	
VMP-34-20	8/24/2016	1035	-1.65	-1.34	0.0	0	4.1	16.8	0.1	0.0	0.0	0.0	
VMP-34-20	9/21/2016	1034	-1.52	-1.35	0.0	0	4.3	17.0	0.0	0.0	0.0	0.0	
VMP-34-20	10/20/2016	1042	-0.84	-0.81	0.0	0	4.8	16.7	0.2	0.0	0.0	0.0	
VMP-34-20-Dup	10/20/2016	1042	NM	NM	0.0	0	4.9	16.6	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-34-20	11/16/2016	1031	-0.83	-0.71	0.0	0	4.1	17.5	0.0	0.0	0.0	0.0	
VMP-34-20	12/21/2016	1145	0.00	0.00	0.0	0	4.0	16.9	0.3	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-34-30	1/29/2015	1500	0.00	0.00	0.0	0	0.0	20.9	1.0	1.8	0.0	1.8	
VMP-34-30	2/25/2015	1043	0.00	0.00	0.0	0	0.0	20.7	0.6	0.8	0.0	0.8	
VMP-34-30	3/25/2015	1346	0.00	0.00	0.0	0	0.0	20.9	1.3	2.9	0.0	2.9	
VMP-34-30	3/25/2015	1348	0.00	0.00	0.0	0	0.0	20.9	1.3	2.9	0.0	2.9	
VMP-34-30	4/22/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-34-30	5/20/2015	1023	-1.86	-1.41	0.0	0	3.5	18.0	0.9	2.0	0.0	2.0	First sample after re-installation of port.
VMP-34-30	6/17/2015	1000	-2.08	-1.67	0.0	0	3.6	17.4	1.4	1.9	0.0	1.9	
VMP-34-30	7/22/2015	1005	-0.69	-1.30	0.0	0	3.8	17.0	0.7	0.0	0.0	0.0	
VMP-34-30	8/19/2015	1035	-1.60	-1.72	0.0	0	4.3	16.6	0.7	0.0	0.0	0.0	
VMP-34-30	9/16/2015	0959	-1.51	-1.39	0.0	0	4.8	17.2	0.7	0.3	0.0	0.3	
VMP-34-30-Dup	9/16/2015	0959	NM	NM	0.0	0	4.8	17.1	0.7	0.0	0.0	0.0	Duplicate sample.
VMP-34-30	10/21/2015	1144	-1.07	-0.86	0.0	0	5.8	16.8	1.1	0.4	0.0	0.4	
VMP-34-30	11/23/2015	0940	-2.22	-1.28	0.0	0	4.1	18.5	0.2	0.0	0.0	0.0	
VMP-34-30-Dup	11/23/2015	0940	NM	NM	0.0	0	4.2	18.4	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-34-30-Dup	11/23/2015	0945	NM	NM	0.0	0	4.2	18.4	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-34-30	12/16/2015	1055	1.83	-1.72	0.0	0	3.3	18.9	0.3	0.0	0.0	0.0	
VMP-34-30	1/20/2016	1135	-0.46	-0.16	0.0	0	4.1	18.1	0.2	0.0	0.0	0.0	
VMP-34-30	2/17/2016	1035	-1.78	-1.64	0.0	0	2.9.	19.0	0.3	0.0	0.0	0.0	
VMP-34-30-Dup	2/17/2016	1035	NM	NM	0.0	0	2.9	19.0	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-34-30	3/22/2016	1035	-0.96	-0.83	0.0	0	2.0	19.7	0.9	0.0	0.0	0.0	
VMP-34-30	4/20/2016	1040	-2.12	-0.65	0.0	0	2.0	19.7	0.8	0.0	0.0	0.0	
VMP-34-30	5/18/2016	1140	-2.70	-2.55	0.0	0	1.3	20.1	0.5	0.0	0.0	0.0	
VMP-34-30	6/21/2016	0940	-1.03	-1.00	0.0	0	1.4	19.5	0.3	0.0	0.0	0.0	
VMP-34-30	7/21/2016	1036	-0.80	-0.79	0.0	0	1.5	19.1	0.2	0.0	0.0	0.0	
VMP-34-30	8/24/2016	1036	-1.18	-1.52	0.0	0	2.0	18.4	0.6	0.2	0.0	0.2	
VMP-34-30	9/21/2016	1037	-1.68	-1.55	0.0	0	2.4	17.9	0.5	0.0	0.0	0.0	
VMP-34-30	10/20/2016	1045	-0.76	-0.69	0.0	0	3.1	17.6	0.1	0.0	0.0	0.0	
VMP-34-30	11/16/2016	1032	-0.94	-0.82	0.0	0	3.2	17.5	0.0	0.0	0.0	0.0	
VMP-34-30-Dup	11/16/2016	1032	NM	NM	0.0	0	3.2	17.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-34-30	12/21/2016	1149	0.00	0.00	0.0	0	4.0	16.6	0.6	1.3	0.0	1.3	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-35-10	1/29/2015	1506	-1.57	-1.61	0.0	0	0.0	20.9	1.0	1.5	0.0	1.5	
VMP-35-10-Dup	1/29/2015	1506	NM	NM	0.0	0	0.0	20.9	1.0	1.5	0.0	1.5	Duplicate sample.
VMP-35-10-Dup	1/29/2015	1511	NM	NM	0.0	0	0.0	20.9	1.1	1.5	0.0	1.5	Duplicate sample.
VMP-35-10	2/25/2015	1059	-1.09	-0.90	0.0	0	0.1	20.7	0.6	0.7	0.0	0.7	
VMP-35-10	3/25/2015	1323	-1.58	-1.34	0.0	0	0.1	20.8	1.1	2.4	0.0	2.4	
VMP-35-10	3/25/2015	1325	-1.58	-1.34	0.0	0	0.1	20.8	1.1	2.4	0.0	2.4	
VMP-35-10	4/22/2015	1115	-1.71	-1.52	0.0	0	0.0	20.9	1.6	1.2	0.0	1.2	
VMP-35-10	5/20/2015	1042	-0.86	-1.69	0.0	0	0.0	20.9	0.3	2.0	0.0	2.0	
VMP-35-10	6/17/2015	1010	-1.91	-1.99	0.0	0	0.0	20.9	1.0	2.0	0.0	2.0	
VMP-35-10	7/22/2015	1014	-1.64	-1.61	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	
VMP-35-10	8/19/2015	1040	-1.79	-1.69	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-10	9/16/2015	1013	-1.48	-1.38	0.0	0	0.0	20.9	0.5	0.8	0.0	0.8	
VMP-35-10	10/21/2015	1121	-1.02	-0.95	0.0	0	0.0	20.9	0.6	1.3	0.0	1.3	
VMP-35-10	11/23/2015	1010	-2.26	-1.95	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	12/16/2015	1100	-2.36	-2.21	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-10	1/20/2016	1420	-0.87	-0.86	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-35-10	2/17/2016	1045	-1.80	-1.76	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-10	3/22/2016	1040	-1.61	-1.52	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-10	4/20/2016	1050	-0.73	-0.27	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-10	5/18/2016	1110	-3.15	-3.08	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-10	6/21/2016	0950	-1.49	-1.59	0.0	0	0.0	20.9	0.4	0.2	0.0	0.2	
VMP-35-10	7/21/2016	1052	-1.39	-1.26	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	8/24/2016	1109	-2.14	-2.11	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-35-10	9/21/2016	1050	-2.22	-2.08	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-35-10	10/20/2016	1100	-1.52	-1.47	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-35-10	11/16/2016	1125	-1.26	-1.21	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	12/21/2016	1105	-0.96	-0.79	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-35-20	1/29/2015	1516	-2.40	-1.74	0.0	0	0.6	20.2	1.9	1.8	0.0	1.8	
VMP-35-20	2/25/2015	1104	-1.28	-0.95	0.0	0	0.7	20.0	0.7	0.6	0.0	0.6	
VMP-35-20	3/25/2015	1323	-1.75	-1.45	0.0	0	0.8	19.8	1.6	3.9	0.0	3.9	
VMP-35-20	4/22/2015	1119	-2.10	-1.60	0.0	0	0.6	20.6	0.6	1.5	0.0	1.5	
VMP-35-20	5/20/2015	1047	-1.43	-0.76	0.0	0	0.0	20.9	0.4	2.2	0.0	2.2	
VMP-35-20	6/17/2015	1015	-3.86	-2.83	0.0	0	0.6	20.0	1.1	1.7	0.0	1.7	
VMP-35-20	7/22/2015	1020	-3.20	-0.89	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-20	8/19/2015	1045	-1.07	-1.83	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-20	9/16/2015	1018	-0.77	-0.64	0.0	0	0.0	20.9	0.3	0.6	0.0	0.6	
VMP-35-20	10/21/2015	1125	-0.56	-0.37	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-35-20	11/23/2015	1015	-2.41	-0.41	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	12/16/2015	1105	-2.59	-2.41	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-35-20-Dup	12/16/2015	1105	NM	NM	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-35-20	1/20/2016	1425	-0.89	-0.84	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-20	2/17/2016	1050	-1.99	-1.90	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-35-20	3/22/2016	1045	-1.06	-0.67	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-35-20	4/20/2016	1055	-5.42	-0.12	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-20-Dup	4/20/2016	1055	NM	NM	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-35-20	5/18/2016	1115	-1.44	-1.39	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-20	6/21/2016	0955	-0.50	-0.54	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-35-20	7/21/2016	1056	-0.69	-0.58	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20-Dup	7/21/2016	1056	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-35-20	8/24/2016	1110	-0.89	-0.82	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-35-20	9/21/2016	1052	-0.87	-0.75	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	10/20/2016	1101	-0.70	-0.63	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	11/16/2016	1126	-0.41	-0.35	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-20	12/21/2016	1112	-0.33	-0.26	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-35-30	1/29/2015	1521	-1.38	-1.89	0.6	12	0.1	20.8	45.7	1643	984	659	Re-sampled due to elevated oxygen concentration.
VMP-35-30	1/30/2015	1500	NM	NM	1.7	34	0.2	20.5	39.0	3213	1810	1403	Re-sample.
VMP-35-30	2/25/2015	1109	-1.35	-0.88	OVR	OVR	2.1	17.3	366	44950	16750	28200	
VMP-35-30	3/25/2015	1332	-1.85	-1.75	17.2	OVR	0.7	19.6	315	14320	6690	7630	
VMP-35-30	3/25/2015	1338	-1.85	-1.75	17.2	OVR	0.7	19.6	315	14320	6690	7630	
VMP-35-30	4/22/2015	1123	-1.55	-1.71	1.1	23	0.2	20.5	120	2730	1460	1270	Re-sampled due to elevated oxygen concentration.
VMP-35-30	4/24/2015	1313	-0.66	NM	36.9	OVR	0.9	19.1	396	39300	9368	29932	Re-sample.
VMP-35-30	5/20/2015	1047	-1.43	-1.28	0.0	0	0.0	20.9	0.2	1.0	0.0	0.5	Ambient air present in Tedlar. Re-sampled.
VMP-35-30	5/22/2015	0920	-1.58	NM	1.9	39	0.2	20.4	116	4160	1550	2610	Re-sample.
VMP-35-30	6/17/2015	1020	-3.40	-3.93	OVR	OVR	2.9	15.7	160	81500	25400	56100	
VMP-35-30-Dup	6/17/2015	1020	NM	NM	OVR	OVR	3.3	15.1	160	95900	28700	67200	Duplicate sample.
VMP-35-30	7/22/2015	1025	-0.95	-1.11	0.0	0	0.0	20.9	0.3	1.0	0.0	0.9	Ambient air present in Tedlar. Re-sampled.
VMP-35-30	7/23/2015	0931	-1.49	NM	OVR	OVR	2.2	16.7	224	57650	20310	37340	Re-sample.
VMP-35-30	8/19/2015	1050	-1.82	-1.52	47.9	OVR	1.2	18.7	299	69000	12615	56385	
VMP-35-30-Dup	8/19/2015	1050	NM	NM	55.6	OVR	1.3	18.5	299	75428	13685	61743	Duplicate sample.
VMP-35-30	9/16/2015	1023	-0.70	-0.28	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	Re-sampled due to elevated oxygen concentration.
VMP-35-30	9/18/2015	1231	-0.39	NM	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	Re-sample.
VMP-35-30	10/21/2015	1128	-0.13	0.00	0.0	0	0.0	20.9	0.8	1.0	0.0	0.6	
VMP-35-30	11/23/2015	1020	-0.55	-0.39	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	12/16/2015	1110	-0.57	-0.52	0.0	0	0.0	20.9	0.4	0.0	0.0	0.3	
VMP-35-30	1/20/2016	1430	-1.00	-0.36	40.6	OVR	2.0	18.0	366	48500	14383	34117	
VMP-35-30	2/17/2016	1055	-0.93	-0.70	0.9	19	0.2	20.4	94.2	2660	1692	968	
VMP-35-30	3/22/2016	1050	-0.63	-0.29	0.0	0	0.0	20.9	0.4	0.1	0.0	0.1	
VMP-35-30	4/20/2016	1100	-1.70	-0.14	6.4	OVR	1.3	18.7	220	11100	6820	4280	
VMP-35-30	5/18/2016	1120	-8.22	-6.51	65.5	OVR	3.2	15.9	427	102700	17403	85297	
VMP-35-30	6/21/2016	1000	-3.78	-3.89	OVR	OVR	4.8	12.5	219	62860	21980	40880	
VMP-35-30	7/21/2016	1103	-2.37	-1.36	6.3	OVR	0.8	19.7	265	6860	2153	4707	
VMP-35-30	8/24/2016	1111	-1.84	-1.27	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-30-Dup	8/24/2016	1111	NM	NM	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-35-30	9/21/2016	1054	-1.62	-1.06	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30-Dup	9/21/2016	1054	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-35-30	10/20/2016	1105	-0.99	-0.66	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-35-30	11/16/2016	1127	-0.43	-0.37	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	12/21/2016	1114	-0.30	-0.26	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30-Dup	12/21/2016	1114	NM	NM	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	Duplicate sample.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-36-10	1/28/2015	1521	0.00	0.00	0.0	0	0.0	20.9	0.7	1.2	0.0	1.2	
VMP-36-10	2/25/2015	1121	0.00	0.00	0.0	0	0.0	20.8	0.6	0.7	0.0	0.7	
VMP-36-10	3/25/2015	1304	0.00	0.00	0.0	0	0.0	20.9	0.9	2.9	0.0	2.9	
VMP-36-10	3/25/2015	1306	0.00	0.00	0.0	0	0.0	20.9	0.9	2.9	0.0	2.9	
VMP-36-10	4/22/2015	1133	0.00	0.00	0.0	0	0.0	20.9	0.6	1.9	0.0	1.9	
VMP-36-10	5/20/2015	1057	0.00	-0.11	0.0	0	0.0	20.9	0.4	1.4	0.0	1.4	
VMP-36-10	6/17/2015	1035	-0.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-36-10	7/22/2015	1048	-0.42	-0.15	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-36-10	8/19/2015	1110	-0.32	0.00	0.0	0	0.0	20.9	0.3	0.3	0.0	0.3	
VMP-36-10	9/16/2015	1032	0.00	0.00	0.0	0	0.0	20.9	0.6	0.9	0.0	0.9	
VMP-36-10	10/21/2015	1106	0.00	0.00	0.0	0	0.0	20.9	0.5	0.9	0.0	0.9	
VMP-36-10	11/23/2015	1040	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	12/16/2015	1125	-0.10	-0.09	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-10	1/20/2016	1155	2.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-36-10	2/17/2016	1100	0.18	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-36-10	3/22/2016	1100	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-36-10	4/20/2016	1105	-4.98	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	5/18/2016	1055	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	6/21/2016	1025	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-36-10	7/21/2016	1118	0.00	0.00	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-36-10	8/24/2016	1140	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-36-10	9/21/2016	1115	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	10/20/2016	1130	-0.28	-0.20	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-10	11/16/2016	1145	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-36-10	12/21/2016	1047	-0.39	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-36-20	1/28/2015	1526	-0.20	-0.17	0.0	0	0.1	20.9	9.2	174	123	51.0	
VMP-36-20	2/25/2015	1126	-0.28	-0.28	0.0	0	0.1	20.8	1.3	15.6	11.3	4.3	
VMP-36-20	3/25/2015	1304	-0.71	-0.46	0.0	0	0.1	20.8	1.3	4.1	0.0	4.1	
VMP-36-20	3/25/2015	1308	-0.71	-0.46	0.0	0	0.1	20.8	1.3	4.1	0.0	4.1	
VMP-36-20	4/22/2015	1137	-0.38	-0.20	0.0	0	0.0	20.9	0.7	1.2	0.0	1.2	
VMP-36-20	5/20/2015	1103	-0.27	-0.39	0.0	0	0.0	20.9	0.4	1.7	0.0	1.7	
VMP-36-20	6/17/2015	1040	-0.36	-0.37	0.0	0	0.0	20.9	1.1	3.0	0.0	3.0	
VMP-36-20	7/22/2015	1053	0.00	-0.27	0.0	0	0.0	20.9	0.4	0.9	0.0	0.9	
VMP-36-20	8/19/2015	1115	0.00	-0.22	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-36-20	9/16/2015	1037	-0.16	-0.15	0.0	0	0.0	20.9	1.3	0.6	0.0	0.6	
VMP-36-20	10/21/2015	1111	-0.13	0.00	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	
VMP-36-20	11/23/2015	1045	-1.37	-0.91	0.1	3	0.6	19.4	19.5	296	129	167	
VMP-36-20	11/24/2015	1423	-0.74	NM	0.0	0	0.0	20.9	0.4	7.8	7.8	0.0	Re-sample.
VMP-36-20	12/16/2015	1130	-1.23	-1.05	0.0	0	0.0	20.9	0.8	11.2	7.4	3.8	
VMP-36-20	1/20/2016	1200	-1.71	-1.50	0.0	0	5.9	16.8	0.4	1.0	0.0	1.0	
VMP-36-20	2/17/2016	1105	-0.38	-0.43	0.0	0	0.0	20.9	0.4	7.2	6.5	0.7	
VMP-36-20	3/22/2016	1105	-0.25	-0.36	0.0	0	0.0	20.9	0.4	1.8	0.0	1.8	
VMP-36-20	4/20/2016	1110	-2.15	-0.12	0.0	0	0.0	20.9	0.3	9.9	8.5	1.4	
VMP-36-20	5/18/2016	1100	-0.95	-0.88	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-36-20	6/21/2016	1030	-0.30	-0.23	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-36-20	7/21/2016	1120	-0.26	-0.25	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	8/24/2016	1141	-0.34	-0.30	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-36-20	9/21/2016	1118	-0.36	-0.32	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	10/20/2016	1132	-0.57	-0.50	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-20	11/16/2016	1146	-0.24	-0.20	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-36-20	12/21/2016	1049	-0.30	-0.20	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-36-30	1/28/2015	1531	-2.43	-2.44	29.4	OVR	12.8	4.3	290	39270	28230	11040	
VMP-36-30	2/25/2015	1131	-3.11	-3.08	83.5	OVR	12.4	3.8	288	65100	41770	23330	
VMP-36-30	3/25/2015	1304	-4.78	-4.59	OVR	OVR	8.8	7.5	267	94370	51600	42770	
VMP-36-30	3/25/2015	1312	-4.78	-4.59	OVR	OVR	8.8	7.5	267	94370	51600	42770	
VMP-36-30	4/22/2015	1147	-5.02	-4.74	OVR	OVR	10.0	5.0	299	117000	62000	55000	
VMP-36-30	5/20/2015	1108	-5.05	-5.30	OVR	OVR	11.2	3.3	223	101000	51500	49500	
VMP-36-30	6/17/2015	1045	-6.41	-6.60	OVR	OVR	9.1	6.1	180	70900	37300	33600	
VMP-36-30	7/22/2015	1058	-5.95	-5.48	OVR	OVR	7.8	8.6	177	64480	33690	30790	
VMP-36-30	8/19/2015	1120	-6.30	-5.83	OVR	OVR	10.3	5.0	193	63670	31150	32520	
VMP-36-30	9/16/2015	1042	-6.57	-6.00	OVR	OVR	12.0	3.6	245	58170	27340	30830	
VMP-36-30	10/21/2015	1114	-6.18	-5.91	65.5	OVR	11.8	4.0	357	34810	18690	16120	
VMP-36-30	11/23/2015	1050	-8.85	-7.55	42.8	OVR	10.9	5.6	355	30640	17420	13220	
VMP-36-30	12/16/2015	1135	-8.33	-8.12	OVR	OVR	13.2	3.8	459	47330	23250	24080	
VMP-36-30	1/20/2016	1205	-3.35	-3.11	OVR	OVR	13.3	3.2	346	82720	35160	47560	
VMP-36-30	2/17/2016	1110	-8.18	-7.79	OVR	OVR	13.6	1.9	463	60600	30100	30500	
VMP-36-30	3/22/2016	1110	-3.20	-3.71	5.7	OVR	4.7	13.9	242	12260	8550	3710	Re-sampled due to low concentrations.
VMP-36-30	3/23/2016	1330	-4.50	NM	0.8	16	1.2	19.2	60.6	2539	1919	620	Re-sample.
VMP-36-30	4/20/2016	1115	-0.46	-0.10	27.1	OVR	5.2	12.6	245	27350	15860	11490	
VMP-36-30	5/18/2016	1105	-3.62	-0.49	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	Re-sampled due to low concentrations.
VMP-36-30	5/19/2016	1423	-0.35	NM	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	Re-sample.
VMP-36-30	6/21/2016	1035	-0.31	-0.20	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-36-30-Dup	6/21/2016	1035	NM	NM	0.0	0	0.0	20.9	0.3	0.4	0.0	0.4	Duplicate sample.
VMP-36-30	7/21/2016	1123	-0.29	-0.22	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-36-30	8/24/2016	1142	-0.38	-0.34	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-30	9/21/2016	1120	-0.38	-0.35	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-30	10/20/2016	1134	-0.60	-0.54	0.0	0	0.0	20.9	0.2	0.3	0.0	0.3	
VMP-36-30-Dup	10/20/2016	1134	NM	NM	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-36-30	11/16/2016	1147	-0.27	-0.22	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-36-30	12/21/2016	1051	-0.30	-0.18	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-37-10	1/28/2015	1501	-0.22	-0.23	0.0	0	0.1	20.4	1.2	0.8	0.0	0.8	
VMP-37-10	2/25/2015	1139	-0.87	-0.20	0.0	0	6.9	11.8	24.9	48.5	16.1	32.4	
VMP-37-10	3/25/2015	1114	-1.32	-1.03	0.0	0	0.0	20.8	0.9	1.9	0.0	1.9	
VMP-37-10	3/25/2015	1120	-1.32	-1.03	0.0	0	0.0	20.8	0.9	1.9	0.0	1.9	
VMP-37-10	4/22/2015	1153	-1.05	-0.98	0.0	0	0.0	20.9	0.8	1.0	0.0	1.0	
VMP-37-10	5/20/2015	1113	-0.92	-1.12	0.0	0	0.0	20.9	0.4	1.1	0.0	1.1	
VMP-37-10	6/17/2015	1100	-1.55	-1.52	0.0	0	8.7	4.9	0.9	1.7	0.0	1.7	Re-sampled due to low O2.
VMP-37-10	6/18/2015	1510	-1.43	NM	0.0	0	2.6	16.0	0.5	0.0	0.0	0.0	Re-sample.
VMP-37-10	7/22/2015	1110	-1.05	-1.01	0.0	0	0.2	20.4	0.3	0.3	0.0	0.3	
VMP-37-10	8/19/2015	1125	-1.23	-0.97	0.0	0	3.7	15.4	0.4	5.7	5.7	0.0	
VMP-37-10-Dup	8/19/2015	1125	NM	NM	0.0	0	3.3	16.2	0.4	6.5	6.5	0.0	Duplicate sample.
VMP-37-10	9/16/2015	1047	-0.88	-0.76	0.0	0	0.2	20.5	0.8	0.6	0.0	0.6	
VMP-37-10	10/21/2015	1049	-0.66	-0.57	0.0	0	0.0	20.9	0.9	0.4	0.0	0.4	
VMP-37-10-Dup	10/21/2015	1049	NM	NM	0.0	0	0.0	20.9	0.9	0.3	0.0	0.3	Duplicate sample.
VMP-37-10	11/23/2015	1100	-0.63	-0.47	0.0	0	0.0	20.9	0.3	0.8	0.0	0.8	
VMP-37-10-DUP	11/23/2015	1100	NM	NM	0.0	0	0.0	20.9	0.4	1.2	0.0	1.2	Duplicate sample.
VMP-37-10-Dup	11/23/2015	1105	NM	NM	0.0	0	0.0	20.9	0.4	1.2	0.0	1.2	Duplicate sample.
VMP-37-10	12/16/2015	1140	-1.53	-1.42	0.0	0	0.0	20.9	1.5	3.6	0.0	3.6	
VMP-37-10	1/20/2016	1215	-0.37	-0.33	0.4	8	2.4	18.1	169	587	3.0	584	Re-sampled due to elevated readings.
VMP-37-10	1/21/2016	1356	0.00	NM	0.4	9	2.4	18.0	174	647	6.1	641	Re-sampled and confirmed.
VMP-37-10	2/17/2016	1115	-0.96	-0.99	0.0	1	0.5	20.2	21.9	61.4	0.0	61.4	
VMP-37-10	3/22/2016	1130	-0.80	-0.80	0.0	0	0.3	20.5	3.1	6.6	0.0	6.6	
VMP-37-10	4/20/2016	1120	-0.25	0.00	0.0	0	0.1	20.5	1.5	3.7	0.0	3.7	
VMP-37-10	5/18/2016	1035	-2.14	-2.01	0.0	0	0.1	20.9	0.4	0.0	0.0	0.0	
VMP-37-10	6/21/2016	1045	-0.85	-0.80	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-37-10-Dup	6/21/2016	1045	NM	NM	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-37-10	7/21/2016	1156	-0.70	-0.65	0.0	0	0.2	20.5	0.1	0.0	0.0	0.0	
VMP-37-10	8/24/2016	1211	-0.67	-0.54	0.0	0	1.3	18.1	0.3	0.0	0.0	0.0	
VMP-37-10	9/21/2016	1138	-0.65	-0.58	0.0	0	0.7	19.4	0.0	0.0	0.0	0.0	
VMP-37-10	10/20/2016	1145	-0.83	-0.68	0.0	0	8.1	5.8	0.2	7.5	5.5	2.0	
VMP-37-10	11/16/2016	1205	-0.44	-0.40	0.0	0	1.1	18.3	0.1	0.2	0.0	0.2	
VMP-37-10	12/21/2016	1032	-0.30	-0.43	0.0	0	2.1	16.5	0.2	0.3	0.0	0.3	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-37-20	1/28/2015	1507	-0.71	-0.77	0.1	3	6.7	12.9	41.3	161	30.5	131	
VMP-37-20-Dup	1/28/2015	1507	NM	NM	0.4	8	9.4	9.0	41.3	235	48.4	187	Duplicate sample.
VMP-37-20-Dup	1/28/2015	1511	NM	NM	0.4	8	9.4	9.0	91.7	235	48.4	187	Duplicate sample.
VMP-37-20	2/25/2015	1144	0.12	-0.77	0.0	0	0.2	20.2	0.4	1.0	0.0	0.5	Re-sampled due to elevated O2 concentration.
VMP-37-20	2/26/2015	1248	NM	NM	0.2	5	7.3	9.9	48.3	32.0	5.5	26.4	Re-sample.
VMP-37-20	3/25/2015	1114	-3.03	-2.55	0.0	0	2.9	16.2	4.9	27.5	9.6	17.9	
VMP-37-20	3/25/2015	1125	-3.03	-2.55	0.0	0	2.9	16.2	4.9	28.0	9.6	17.9	
VMP-37-20	4/22/2015	1157	-2.63	-2.61	0.0	0	2.5	18.0	11.1	56.0	7.6	48.3	
VMP-37-20	5/20/2015	1118	-2.64	-2.88	0.1	2	4.9	14.4	26.5	182	24.6	157	
VMP-37-20	6/17/2015	1105	-3.24	-3.29	3.9	79	9.6	5.9	300	3070	56.5	3014	Re-sampled due to elevated LEL.
VMP-37-20	6/18/2015	1515	-2.95	NM	3.9	78	6.4	11.8	226	2960	46.1	2914	Re-sample.
VMP-37-20	7/22/2015	1115	-2.93	-2.93	3.8	77	5.3	13.7	298	2946	33.7	2912	
VMP-37-20	8/19/2015	1130	-3.12	-2.87	2.4	49	9.7	8.3	283	2450	91.0	2359	
VMP-37-20-Dup	8/19/2015	1130	NM	NM	3.0	61	11.9	5.8	283	2730	88.1	2642	Duplicate sample.
VMP-37-20	9/16/2015	1052	-3.26	-3.06	2.0	41	9.5	9.4	286	1720	93.6	1626	
VMP-37-20-Dup	9/16/2015	1052	NM	NM	3.5	70	12.3	5.8	286	2080	101	1979	Duplicate sample.
VMP-37-20	10/21/2015	1054	-3.18	-2.95	2.8	57	11.9	6.2	366	2310	90.8	2219	
VMP-37-20	11/23/2015	1110	-4.00	-1.64	1.3	27	10.4	8.4	259	1580	31.2	1549	
VMP-37-20	12/16/2015	1145	-3.77	-3.73	0.5	10	8.5	10.8	138	528	11.5	517	
VMP-37-20-Dup	12/16/2015	1146	NM	NM	0.7	15	8.7	10.3	191	789	22.0	767	Duplicate sample.
VMP-37-20	1/20/2016	1220	-1.61	-1.32	0.6	12	10.9	6.0	216	697	15.1	682	
VMP-37-20-Dup	1/20/2016	1220	NM	NM	0.9	18	11.1	5.5	216	1030	22.5	1008	Duplicate sample.
VMP-37-20	2/17/2016	1120	-3.37	-3.43	0.5	10	8.5	9.9	129	552	17.1	535	
VMP-37-20	3/22/2016	1135	-3.21	-3.24	0.7	1	7.3	11.1	164	804	15.4	789	
VMP-37-20	4/20/2016	1125	-0.49	0.00	0.0	1	7.4	10.5	31.7	95.7	7.2	88.5	
VMP-37-20-Dup	4/20/2016	1125	NM	NM	0.1	2	7.9	9.8	31.7	171	9.5	162	Duplicate sample.
VMP-37-20	5/18/2016	1040	-5.10	-5.05	0.0	0	2.1	18.9	5.9	20.7	1.6	19.1	
VMP-37-20	6/21/2016	1050	-3.63	-3.59	0.1	2	5.5	13.4	17.3	129	10.6	118	
VMP-37-20	7/21/2016	1200	-1.90	-1.91	0.2	4	7.9	10.8	38.2	262	32.2	230	
VMP-37-20	8/24/2016	1212	-2.30	-2.12	0.0	1	7.6	10.5	29.8	61.3	10.1	51.2	
VMP-37-20-Dup	8/24/2016	1212	NM	NM	0.1	3	9.1	9.2	29.8	114	11.8	102	Duplicate sample.
VMP-37-20	9/21/2016	1140	-2.18	-2.08	0.0	1	7.2	11.7	9.9	63.2	3.4	59.8	
VMP-37-20	10/20/2016	1146	-1.35	-1.26	0.2	4	12.1	4.1	31.7	259	24.1	235	
VMP-37-20	11/16/2016	1206	-1.90	-1.85	2.2	45	7.5	11.0	321	1322	21.9	1300	
VMP-37-20	12/21/2016	1035	-2.50	-1.99	1.5	31	7.6	10.9	248	1660	57.5	1603	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-37-30	1/28/2015	1516	-1.08	-1.17	0.0	0	7.8	10.0	2.0	1.7	0.0	1.7	
VMP-37-30	2/25/2015	1149	-1.56	-1.35	0.0	0	6.5	11.5	1.5	2.5	0.0	2.5	
VMP-37-30	3/25/2015	1114	-4.26	-3.72	NM	NM	NM	NM	NM	NM	NM	NM	Tedlar popped during transit; resampled.
VMP-37-30	3/25/2015	1130	-4.26	-3.72	NM	NM	NM	NM	NM	NM	NM	NM	Tedlar popped during transit; resampled.
VMP-37-30	3/27/2015	1352	NM	NM	0.0	0	7.9	11.1	1.1	15.5	15.5	0.0	Re-sample.
VMP-37-30	4/22/2015	1201	-3.86	-3.88	0.0	0	5.8	12.6	4.7	2.3	0.0	2.3	
VMP-37-30	5/20/2015	1123	-3.95	-4.22	0.0	0	4.4	14.2	0.7	2.1	0.0	2.1	
VMP-37-30-Dup	5/20/2015	1123	NM	NM	0.0	0	4.6	14.0	0.7	1.9	0.0	1.9	Duplicate sample.
VMP-37-30	6/17/2015	1110	-4.42	-4.52	0.0	0	4.3	14.3	1.1	1.8	0.0	1.8	
VMP-37-30	7/22/2015	1120	-4.17	-4.21	0.0	0	5.1	13.9	0.6	0.0	0.0	0.0	
VMP-37-30	8/19/2015	1135	-4.25	-4.06	0.0	0	5.3	14.1	0.6	0.0	0.0	0.0	
VMP-37-30	9/16/2015	1058	-4.78	-4.55	0.0	0	4.9	14.1	1.3	0.0	0.0	0.0	
VMP-37-30	10/21/2015	1057	-4.82	-4.53	0.0	0	3.9	16.0	1.4	2.2	0.0	2.2	
VMP-37-30	11/23/2015	1115	-5.37	-5.40	0.0	0	4.3	14.7	0.4	0.6	0.0	0.6	
VMP-37-30	12/16/2015	1150	-5.11	-5.23	0.0	0	5.1	14.1	0.4	0.0	0.0	0.0	
VMP-37-30	1/20/2016	1225	-2.44	-2.00	0.0	0	4.9	14.3	0.2	0.0	0.0	0.0	
VMP-37-30	2/17/2016	1125	-4.90	-4.99	0.0	0	4.7	15.0	0.4	0.0	0.0	0.0	
VMP-37-30	3/22/2016	1140	-4.72	-4.70	0.0	0	3.3	16.4	0.5	0.0	0.0	0.0	
VMP-37-30-Dup	3/22/2016	1140	NM	NM	0.0	0	3.7	16.0	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-37-30	4/20/2016	1130	-0.62	0.00	0.0	0	6.0	11.3	0.3	0.0	0.0	0.0	
VMP-37-30	5/18/2016	1045	-7.02	-7.00	0.0	0	4.1	15.6	0.3	0.0	0.0	0.0	
VMP-37-30-Dup	5/18/2016	1045	NM	NM	0.0	0	4.5	15.0	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-37-30	6/21/2016	1055	-5.49	-5.49	0.0	0	3.5	15.8	1.3	0.0	0.0	0.0	
VMP-37-30	7/21/2016	1204	-2.74	-2.72	0.0	0	6.2	12.2	0.5	0.0	0.0	0.0	
VMP-37-30	8/24/2016	1213	-3.37	-3.29	0.0	0	8.8	9.5	0.2	0.0	0.0	0.0	
VMP-37-30	9/21/2016	1142	-3.23	-3.16	0.0	0	9.4	8.4	0.0	0.0	0.0	0.0	
VMP-37-30	10/20/2016	1148	-1.26	-1.18	0.0	0	8.6	9.8	0.2	0.0	0.0	0.0	
VMP-37-30	11/16/2016	1207	-2.95	-3.04	0.0	0	7.0	12.0	0.2	0.0	0.0	0.0	
VMP-37-30	12/21/2016	1037	-3.84	-3.18	0.0	0	7.4	12.9	0.5	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-38-10	1/28/2015	1438	-0.46	0.00	0.0	0	1.7	18.9	1.1	0.5	0.0	0.5	
VMP-38-10	2/25/2015	1157	-0.12	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-38-10	3/25/2015	1050	-0.43	-0.40	0.0	0	1.6	18.0	0.8	0.8	0.0	0.8	
VMP-38-10	4/22/2015	1450	-0.17	-0.20	0.0	0	2.3	18.4	0.8	1.6	0.0	1.6	
VMP-38-10	5/20/2015	1412	-2.11	-1.09	0.0	0	2.8	17.8	0.3	1.8	0.0	1.8	
VMP-38-10	6/17/2015	1120	-1.58	-0.44	0.0	0	2.7	17.5	0.8	0.9	0.0	0.9	
VMP-38-10	7/22/2015	1127	-0.25	-0.19	0.0	0	3.9	16.1	0.5	0.0	0.0	0.0	
VMP-38-10	8/19/2015	1140	-0.17	-1.06	0.0	0	4.3	14.0	0.3	0.0	0.0	0.0	
VMP-38-10	9/16/2015	1115	-0.58	0.00	0.0	0	4.0	14.9	0.3	0.0	0.0	0.0	
VMP-38-10	10/21/2015	1030	0.00	0.00	0.0	0	4.6	14.6	0.6	0.0	0.0	0.0	
VMP-38-10	11/23/2015	1120	-0.34	-0.18	0.0	0	2.1	18.4	0.0	0.0	0.0	0.0	
VMP-38-10	12/16/2015	1200	-0.10	0.00	0.0	0	1.5	18.5	0.5	0.0	0.0	0.0	
VMP-38-10	1/20/2016	1240	-0.78	-0.26	0.0	0	0.9	19.6	0.4	0.0	0.0	0.0	
VMP-38-10	2/17/2016	1130	-0.20	-0.14	0.0	0	1.0	19.4	0.2	0.0	0.0	0.0	
VMP-38-10	3/22/2016	1145	0.00	0.00	0.0	0	1.6	18.7	0.3	0.0	0.0	0.0	
VMP-38-10	4/20/2016	1200	0.00	0.10	0.0	0	2.0	17.4	0.3	0.0	0.0	0.0	
VMP-38-10	5/18/2016	1015	-0.55	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during tedlar collection.
VMP-38-10	6/21/2016	1105	0.00	0.00	0.0	0	1.9	18.2	0.6	0.0	0.0	0.0	
VMP-38-10	7/21/2016	1212	-3.03	0.00	0.0	0	2.3	14.3	0.2	0.0	0.0	0.0	
VMP-38-10	8/24/2016	1230	-0.10	0.00	0.0	0	3.8	15.7	0.2	0.0	0.0	0.0	
VMP-38-10	9/21/2016	1155	-0.11	0.00	0.0	0	4.5	14.3	0.0	0.0	0.0	0.0	
VMP-38-10	10/20/2016	1400	-1.12	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-38-10	11/16/2016	1232	0.00	0.00	0.0	0	3.3	16.2	0.2	0.0	0.0	0.0	
VMP-38-10	12/21/2016	0947	-0.39	-0.42	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-38-20	1/28/2015	1444	0.18	0.11	0.0	0	9.7	10.4	6.0	14.2	10.1	4.1	
VMP-38-20	2/25/2015	1202	0.00	0.00	0.0	0	12.3	6.3	16.4	23.7	8.3	15.4	
VMP-38-20	3/25/2015	1050	-0.76	-0.68	0.0	0	8.0	11.6	6.7	27.8	13.9	13.9	
VMP-38-20	3/25/2015	1055	-0.76	-0.68	0.0	0	8.0	11.6	6.7	27.8	13.9	13.9	
VMP-38-20	4/22/2015	1455	-0.36	-0.38	0.0	0	5.2	16.3	0.9	2.4	0.0	2.4	
VMP-38-20	5/20/2015	1417	-0.30	-0.43	0.0	0	5.5	14.9	0.9	4.0	0.0	4.0	
VMP-38-20	6/17/2015	1125	-0.68	-0.61	0.0	0	4.7	15.8	1.3	2.5	0.0	2.5	
VMP-38-20	7/22/2015	1132	-0.34	-0.40	0.0	0	3.7	17.5	0.5	0.0	0.0	0.0	
VMP-38-20-Dup	7/22/2015	1132	NM	NM	0.0	0	3.7	17.3	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-38-20	8/19/2015	1145	-0.33	-0.28	0.0	0	6.8	13.1	6.1	20.6	0.0	20.6	
VMP-38-20	9/16/2015	1120	-0.17	0.00	0.0	0	7.0	13.4	4.5	7.5	0.0	7.5	
VMP-38-20	10/21/2015	1034	0.00	0.00	0.0	0	5.5	14.7	27.5	72.4	13.6	58.8	
VMP-38-20	11/23/2015	1125	-0.56	-0.19	0.4	8	10.0	10.8	147	437	14.1	423	
VMP-38-20	12/16/2015	1205	-2.55	-0.41	0.3	7	9.9	11.0	125	286	1.5	285	
VMP-38-20	1/20/2016	1245	0.00	0.00	0.0	0	2.5	19.5	0.4	0.0	0.0	0.0	
VMP-38-20	2/17/2016	1135	-0.48	-0.45	0.0	0	5.9	14.9	4.0	7.6	0.7	6.9	
VMP-38-20	3/22/2016	1150	-0.16	0.00	0.0	0	5.8	14.8	7.4	6.4	0.8	5.6	
VMP-38-20-Dup	3/22/2016	1150	NM	NM	0.0	0	4.9	15.5	7.4	12.9	0.4	12.5	Duplicate sample.
VMP-38-20	4/20/2016	1205	0.00	0.00	0.0	0	5.8	13.3	4.1	7.3	0.0	7.3	
VMP-38-20	5/18/2016	1020	-0.82	-0.82	0.0	0	3.0	18.5	1.2	0.0	0.0	0.0	
VMP-38-20	6/21/2016	1110	-0.21	-0.11	0.0	0	2.2	18.4	1.2	0.0	0.0	0.0	
VMP-38-20	7/21/2016	1225	-0.24	-0.10	0.0	0	3.8	16.9	0.2	0.0	0.0	0.0	
VMP-38-20	8/24/2016	1231	-0.28	-0.16	0.0	0	3.9	17.0	0.2	0.0	0.0	0.0	
VMP-38-20	9/21/2016	1156	-0.25	-0.21	0.0	0	4.9	15.7	0.2	0.0	0.0	0.0	
VMP-38-20	10/20/2016	1401	-0.26	-0.34	0.0	0	6.3	14.1	0.0	0.0	0.0	0.0	
VMP-38-20	11/16/2016	1233	0.00	-0.09	0.0	0	7.9	12.3	0.8	1.0	0.0	1.0	
VMP-38-20	12/21/2016	0950	-1.68	-1.95	0.0	0	3.1	18.2	4.5	11.7	0.0	11.7	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-38-27	1/28/2015	1447	0.18	0.10	0.0	0	10.4	10.6	7.5	16.4	10.9	5.5	
VMP-38-27-Dup	1/28/2015	1451	NM	NM	0.0	0	9.6	10.5	12.2	24.4	10.9	13.5	Duplicate sample.
VMP-38-27	2/25/2015	1207	-0.11	0.00	0.0	0	12.2	6.4	26.2	31.7	8.3	23.4	
VMP-38-27-Dup	2/25/2015	1207	NM	NM	0.0	0	12.4	6.0	26.2	38.9	11.2	27.7	Duplicate sample.
VMP-38-27	3/25/2015	1050	-0.75	-0.67	0.0	0	9.5	9.8	17.0	46.9	18.1	28.8	
VMP-38-27	3/25/2015	1100	-0.75	-0.67	0.0	0	9.5	9.8	17.0	46.9	18.1	28.8	
VMP-38-27	4/22/2015	1500	-0.35	-0.43	0.0	0	4.9	16.7	0.8	2.2	0.0	2.2	
VMP-38-27	5/20/2015	1422	-0.29	-0.45	0.0	0	5.9	14.5	2.3	7.4	2.7	4.7	
VMP-38-27	6/17/2015	1130	-0.61	-0.62	0.0	0	5.3	15.3	2.3	4.9	0.0	4.9	
VMP-38-27-Dup	6/17/2015	1130	NM	NM	0.0	0	5.4	15.1	2.3	8.8	0.0	8.8	
VMP-38-27	7/22/2015	1137	-0.47	-0.41	0.0	0	3.9	17.1	0.5	0.0	0.0	0.0	
VMP-38-27	8/19/2015	1150	-0.32	-0.29	0.0	0	6.7	12.6	11.7	26.8	0.0	26.8	
VMP-38-27	9/16/2015	1125	-0.25	-0.13	0.0	0	8.0	12.1	7.8	18.4	0.0	18.4	
VMP-38-27	10/21/2015	1037	-0.18	-0.13	0.1	3	10.1	9.7	85.9	183	12.1	171	
VMP-38-27	11/23/2015	1130	-0.10	-0.43	0.4	8	9.5	11.4	159	489	19.9	469	
VMP-38-27	12/16/2015	1210	-0.34	-0.40	0.5	10	10.6	11.0	179	375	2.5	373	
VMP-38-27	1/20/2016	1250	0.00	0.00	0.0	0	4.2	17.7	0.2	0.0	0.0	0.0	
VMP-38-27	2/17/2016	1140	-0.48	-0.46	0.0	0	6.0	14.8	6.4	10.8	0.8	10.0	
VMP-38-27	3/22/2016	1155	-0.14	-0.17	0.0	0	6.7	13.8	7.8	15.8	0.5	15.3	
VMP-38-27	4/20/2016	1210	0.00	0.20	0.0	0	6.7	12.1	7.3	13.1	0.0	13.1	
VMP-38-27	5/18/2016	1025	-0.82	-0.83	0.0	0	3.1	18.5	0.5	0.1	0.0	0.1	
VMP-38-27	6/21/2016	1115	-0.35	-0.25	0.0	0	2.6	18.1	0.4	0.0	0.0	0.0	
VMP-38-27	7/21/2016	1230	-0.21	-0.10	0.0	0	4.1	16.4	0.5	0.0	0.0	0.0	
VMP-38-27	8/24/2016	1232	-0.27	-0.16	0.0	0	3.9	17.0	0.4	0.0	0.0	0.0	
VMP-38-27	9/21/2016	1159	-0.26	-0.20	0.0	0	5.1	15.7	0.2	0.0	0.0	0.0	
VMP-38-27	10/20/2016	1402	-0.26	-0.34	0.0	0	5.5	14.0	0.0	0.0	0.0	0.0	
VMP-38-27	11/16/2016	1234	0.00	-0.09	0.0	0	7.9	12.3	1.3	1.1	0.0	1.1	
VMP-38-27	12/21/2016	0952	-1.89	-2.11	0.0	0	3.1	18.3	6.5	18.2	0.0	18.2	

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-39-10	1/28/2015	1423	0.10	0.00	0.0	0	5.8	12.9	8.7	10.1	4.8	5.3	
VMP-39-10	2/25/2015	1214	0.00	0.00	0.0	0	0.6	19.9	0.5	1.2	0.0	1.2	
VMP-39-10	3/25/2015	1028	-0.33	-0.29	0.0	0	1.7	19.1	0.7	4.4	0.0	4.4	
VMP-39-10	4/22/2015	1425	-0.12	-0.09	0.0	0	0.2	20.6	0.5	2.0	0.0	2.0	
VMP-39-10-Dup	4/23/2015	1425	NM	NM	0.0	0	0.2	20.6	0.5	2.0	0.0	2.0	Duplicate sample.
VMP-39-10	5/20/2015	1358	-0.16	0.00	0.0	0	1.0	19.3	0.2	3.4	0.0	3.4	
VMP-39-10	6/17/2015	1140	-0.24	-0.13	0.0	0	0.7	20.1	1.1	3.6	0.0	3.6	
VMP-39-10	7/22/2015	1154	-0.17	-0.14	0.0	0	3.8	17.4	0.3	1.2	0.0	1.2	
VMP-39-10	8/19/2015	1200	-0.11	-0.09	0.0	0	6.8	13.1	0.6	7.2	7.2	0.0	
VMP-39-10	9/16/2015	1138	0.00	0.00	0.0	0	2.5	17.5	2.4	0.0	0.0	0.0	
VMP-39-10	10/21/2015	1014	0.00	0.00	0.0	0	1.0	19.2	0.4	0.6	0.0	0.6	
VMP-39-10	11/23/2015	1140	-0.16	-0.12	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-39-10	12/16/2015	1215	-0.18	-0.13	0.0	0	2.0	18.9	0.3	1.9	0.0	1.9	
VMP-39-10	1/20/2016	1300	0.00	0.00	0.0	0	1.1	19.0	0.4	0.9	0.0	0.9	
VMP-39-10	2/17/2016	1145	-0.50	-0.36	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-39-10	3/22/2016	1200	0.00	0.00	0.0	0	0.5	20.3	0.4	0.0	0.0	0.0	
VMP-39-10	4/20/2016	1215	0.00	0.09	0.0	0	2.0	17.3	0.9	1.8	0.0	1.8	
VMP-39-10	5/18/2016	0945	-0.36	-0.30	0.0	0	0.5	20.5	0.5	0.3	0.0	0.3	
VMP-39-10	6/21/2016	1135	0.00	0.00	0.0	0	0.5	20.3	1.0	0.2	0.0	0.2	
VMP-39-10	7/21/2016	1240	-0.09	0.00	0.0	0	2.6	18.0	0.5	6.0	6.0	0.0	
VMP-39-10	8/24/2016	1249	-0.09	0.00	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-39-10	9/21/2016	1213	-0.13	0.00	0.0	0	2.5	17.5	0.0	1.3	0.0	1.3	
VMP-39-10	10/20/2016	1415	-0.23	-0.23	0.0	0	2.9	17.0	0.0	0.9	0.9	0.0	
VMP-39-10	11/16/2016	1253	0.00	0.00	0.0	0	3.1	15.9	0.1	1.4	1.4	0.0	
VMP-39-10	12/21/2016	0932	-1.01	-1.37	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-39-20	1/28/2015	1428	0.00	0.00	0.0	0	1.3	18.1	0.7	1.6	0.0	1.6	
VMP-39-20	2/25/2015	1219	0.00	0.00	0.0	0	0.2	20.8	0.5	1.3	0.0	1.3	
VMP-39-20	3/25/2015	1028	-0.11	0.00	0.0	0	1.1	19.6	0.5	3.9	0.0	3.9	
VMP-39-20	3/25/2015	1031	-0.11	0.00	0.0	0	1.1	19.6	0.5	3.9	0.0	3.9	
VMP-39-20	4/22/2015	1435	0.00	0.00	0.0	0	0.1	20.8	0.5	1.7	0.0	1.7	
VMP-39-20	5/20/2015	1403	0.00	0.00	0.0	0	0.5	20.2	0.2	2.7	0.0	2.7	
VMP-39-20	6/17/2015	1145	0.00	0.00	0.0	0	0.0	20.9	1.0	2.6	0.0	2.6	
VMP-39-20	7/22/2015	1159	0.00	0.00	0.0	0	2.2	19.8	0.2	0.0	0.0	0.0	
VMP-39-20	8/19/2015	1205	0.00	0.00	0.0	0	5.4	14.3	0.6	8.6	8.6	0.0	
VMP-39-20	9/16/2015	1143	0.00	0.00	0.0	0	4.9	15.5	1.2	2.3	0.0	2.3	
VMP-39-20	10/21/2015	1018	0.00	0.00	0.0	0	0.2	20.5	0.2	0.5	0.0	0.5	
VMP-39-20	11/23/2015	1145	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-39-20	12/16/2015	1220	0.00	0.00	0.0	0	1.6	19.2	0.3	1.9	0.0	1.9	
VMP-39-20	1/20/2016	1305	0.00	0.00	0.0	0	0.6	20.0	0.3	0.0	0.0	0.0	
VMP-39-20	2/17/2016	1150	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-39-20	3/22/2016	1205	0.00	0.00	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-39-20	4/20/2016	1220	0.00	0.00	0.0	0	1.7	17.8	0.7	2.1	0.0	2.1	
VMP-39-20	5/18/2016	0950	0.00	0.00	0.0	0	0.1	20.9	0.3	0.2	0.0	0.2	
VMP-39-20	6/21/2016	1140	0.00	0.00	0.0	0	0.1	20.7	0.7	0.0	0.0	0.0	
VMP-39-20	7/21/2016	1243	0.00	0.00	0.0	0	1.4	19.4	0.3	4.2	0.0	4.2	
VMP-39-20	8/24/2016	1250	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-39-20	9/21/2016	1215	0.00	0.00	0.0	0	1.7	18.6	0.0	0.0	0.0	0.0	
VMP-39-20	10/20/2016	1416	-0.18	-0.19	0.0	0	0.9	20.1	0.1	0.0	0.0	0.0	
VMP-39-20	11/16/2016	1254	0.00	0.00	0.0	0	2.2	17.0	0.1	1.5	1.5	0.0	
VMP-39-20	12/21/2016	0934	-0.35	-0.65	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-39-30	1/28/2015	1416	0.00	0.00	0.0	0	1.8	18.0	2.7	3.5	0.0	3.5	
VMP-39-30	1/28/2015	1433	0.00	0.00	0.0	0	1.8	18.0	2.7	3.5	0.0	3.5	
VMP-39-30	2/25/2015	1224	0.00	0.00	0.0	0	0.2	20.5	0.6	1.2	0.0	1.2	
VMP-39-30	3/25/2015	1035	-0.14	-0.11	0.0	0	0.5	20.6	0.5	2.0	0.0	2.0	
VMP-39-30	3/25/2015	1044	-0.14	-0.11	0.0	0	0.5	20.6	0.5	2.0	0.0	2.0	
VMP-39-30	4/22/2015	1440	0.00	0.00	0.0	0	0.0	20.9	0.4	1.9	0.0	1.9	
VMP-39-30	5/20/2015	1408	0.00	0.00	0.0	0	0.1	20.8	0.2	2.8	0.0	2.8	
VMP-39-30	6/17/2015	1150	0.00	0.00	0.0	0	0.2	20.7	1.0	2.4	0.0	2.4	
VMP-39-30	7/22/2015	1205	-0.09	0.00	0.0	0	1.6	19.5	0.3	0.0	0.0	0.0	
VMP-39-30	8/19/2015	1210	0.00	0.00	0.0	0	5.3	13.6	0.6	8.2	8.2	0.0	
VMP-39-30	9/16/2015	1148	0.00	0.00	0.0	0	1.4	19.1	0.8	1.2	0.0	1.2	
VMP-39-30	10/21/2015	1021	0.00	0.00	0.0	0	0.1	20.8	1.1	0.0	0.0	0.0	
VMP-39-30	11/23/2015	1150	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-39-30	12/16/2015	1225	0.00	0.00	0.0	0	1.6	19.1	0.5	2.3	0.0	2.3	
VMP-39-30	1/20/2016	1310	0.00	0.00	0.0	0	0.6	20.0	0.4	0.2	0.0	0.2	
VMP-39-30	2/17/2016	1155	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-39-30	3/22/2016	1210	0.00	0.00	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-39-30	4/20/2016	1225	0.00	0.02	0.0	0	1.3	18.3	1.4	2.5	0.0	2.5	
VMP-39-30	5/18/2016	0955	-0.09	0.00	0.0	0	0.0	20.9	0.3	0.2	0.0	0.2	
VMP-39-30	6/21/2016	1145	0.00	0.00	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	
VMP-39-30	7/21/2016	1246	0.00	0.00	0.0	0	0.8	20.1	0.6	0.8	0.0	0.8	
VMP-39-30	8/24/2016	1251	0.00	0.00	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-39-30	9/21/2016	1218	0.00	0.00	0.0	0	0.9	19.7	0.0	0.0	0.0	0.0	
VMP-39-30	10/20/2016	1418	-0.19	-0.22	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-39-30	11/16/2016	1255	0.00	0.00	0.0	0	1.6	17.8	0.1	1.2	1.2	0.0	
VMP-39-30	12/21/2016	0936	-0.51	-0.42	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-40-10	1/28/2015	1407	0.00	0.00	0.0	0	0.1	20.9	1.1	1.3	0.0	1.3	
VMP-40-10	2/25/2015	1233	0.00	-0.10	0.0	0	0.1	20.8	0.6	20.0	20.0	0.0	
VMP-40-10	3/25/2015	1000	-0.24	-0.22	0.0	0	0.1	20.9	0.5	1.7	0.0	1.7	
VMP-40-10	3/25/2015	1005	-0.24	-0.22	0.0	0	0.1	20.9	0.5	1.7	0.0	1.7	
VMP-40-10	4/22/2015	1405	-0.14	-0.14	0.0	0	0.0	20.9	0.7	2.2	0.0	2.2	
VMP-40-10	5/20/2015	1343	-0.20	-0.28	0.0	0	0.0	20.9	0.3	2.5	0.0	2.5	
VMP-40-10	6/17/2015	1200	-0.51	-0.41	0.0	0	0.0	20.9	0.9	2.4	0.0	2.4	
VMP-40-10	7/22/2015	1213	-0.30	-0.22	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	
VMP-40-10	8/19/2015	1215	-0.15	-0.25	0.0	0	0.0	20.9	0.4	0.2	0.0	0.2	
VMP-40-10	9/16/2015	1154	-0.15	-0.11	0.0	0	0.0	20.9	0.9	0.4	0.0	0.4	
VMP-40-10-Dup	9/16/2015	1154	NM	NM	0.0	0	0.0	20.9	0.9	0.0	0.0	0.0	Duplicate sample.
VMP-40-10	10/21/2015	0956	0.00	0.00	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-40-10	11/23/2015	1155	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-10	12/16/2015	1235	0.00	0.00	0.0	0	0.0	20.9	0.3	0.5	0.0	0.5	
VMP-40-10	1/20/2016	1320	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-40-10	2/17/2016	1200	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-40-10	3/22/2016	1220	0.00	-0.13	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-40-10	4/20/2016	1230	0.00	0.00	0.0	0	0.1	20.5	0.4	0.0	0.0	0.0	
VMP-40-10	5/18/2016	0930	0.00	-0.09	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-40-10	6/21/2016	1150	0.00	0.00	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-40-10	7/21/2016	1258	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-40-10	8/24/2016	1306	0.00	-0.13	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-40-10	9/21/2016	1230	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-10	10/20/2016	1430	-0.19	-0.19	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-10	11/16/2016	1310	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-40-10	12/21/2016	0913	-0.10	-0.11	0.0	0	0.0	20.9	0.7	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-40-20	1/28/2015	1412	0.00	0.00	0.0	0	2.5	17.7	19.1	27.3	7.5	19.8	
VMP-40-20	2/25/2015	1238	-0.12	-0.15	0.0	0	3.0	16.7	6.4	12.5	8.6	3.9	
VMP-40-20	3/25/2015	1000	-0.44	-0.43	0.0	0	1.5	18.8	8.7	17.8	5.0	12.8	
VMP-40-20	3/25/2015	1011	-0.44	-0.43	0.0	0	1.5	18.8	8.7	17.8	5.0	12.8	
VMP-40-20	4/22/2015	1410	-0.26	-0.25	0.0	0	1.1	19.4	11.3	27.4	5.9	21.5	
VMP-40-20	5/20/2015	1348	-0.71	-0.38	0.0	0	3.3	16.7	11.8	42.9	11.4	31.5	
VMP-40-20	6/17/2015	1205	-1.53	-0.94	0.0	0	7.6	10.9	11.2	46.1	27.0	19.1	
VMP-40-20	7/22/2015	1218	-0.48	-0.41	0.0	0	4.1	15.4	8.7	27.5	7.7	19.8	
VMP-40-20	8/19/2015	1220	-1.37	-0.43	0.0	0	6.2	12.8	5.1	18.4	8.9	9.5	
VMP-40-20	9/16/2015	1159	-0.37	-0.31	0.0	0	3.5	17.5	2.5	7.2	6.3	0.9	
VMP-40-20	10/21/2015	0958	-0.27	-0.20	0.0	0	2.1	18.1	0.6	6.8	5.5	1.3	
VMP-40-20	11/23/2015	1200	-0.25	-0.38	0.0	0	7.8	10.4	1.2	4.3	0.0	4.3	
VMP-40-20	12/16/2015	1240	-0.34	-0.42	0.0	0	1.3	19.2	0.4	1.8	0.0	1.8	
VMP-40-20	1/20/2016	1325	-0.10	-0.14	0.0	0	2.5	17.4	0.4	6.3	5.6	0.7	
VMP-40-20	2/17/2016	1205	-0.39	-0.32	0.0	0	1.1	19.4	0.3	1.2	0.0	1.2	
VMP-40-20	3/22/2016	1225	-0.22	-0.27	0.0	0	1.8	18.4	0.4	0.4	0.0	0.4	
VMP-40-20	4/20/2016	1235	0.04	0.05	0.0	0	3.3	15.9	0.9	1.4	0.0	1.4	
VMP-40-20	5/18/2016	0935	-0.57	-0.53	0.0	0	0.8	19.9	0.3	0.4	0.0	0.4	
VMP-40-20	6/21/2016	1155	-0.17	-0.12	0.0	0	0.8	19.6	1.0	0.2	0.0	0.2	
VMP-40-20	7/21/2016	1302	-0.22	-0.21	0.0	0	0.6	20.2	0.7	0.0	0.0	0.0	
VMP-40-20	8/24/2016	1307	-0.30	-0.25	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-40-20	9/21/2016	1235	-0.24	-0.22	0.0	0	0.8	19.6	0.2	0.0	0.0	0.0	
VMP-40-20	10/20/2016	1432	-0.33	-0.32	0.0	0	1.2	19.7	0.0	3.6	3.6	0.0	
VMP-40-20	11/16/2016	1311	0.00	0.00	0.0	0	3.4	16.8	0.6	3.4	3.4	0.0	
VMP-40-20	12/21/2016	0915	-0.15	-0.29	0.0	0	1.1	19.7	0.4	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-40-30	1/28/2015	1416	0.00	0.00	0.0	0	0.1	20.9	0.7	1.4	0.0	1.4	
VMP-40-30	2/25/2015	1243	0.00	-0.11	0.0	0	0.1	20.8	0.6	1.3	0.0	1.3	
VMP-40-30	3/25/2015	1000	-0.30	-0.27	0.0	0	0.1	20.9	0.7	2.0	0.0	2.0	
VMP-40-30	3/25/2015	1016	-0.30	-0.27	0.0	0	0.1	20.9	0.7	2.0	0.0	2.0	
VMP-40-30	4/22/2015	1415	-0.18	-0.17	0.0	0	0.0	20.9	0.7	2.0	0.0	2.0	
VMP-40-30-Dup	4/22/2015	1415	NM	NM	0.0	0	0.0	20.9	0.7	1.9	0.0	1.9	Duplicate sample.
VMP-40-30	5/20/2015	1353	-0.72	-0.31	0.0	0	0.0	20.9	0.2	20.5	0.0	20.5	
VMP-40-30	6/17/2015	1210	-0.36	-0.30	0.0	0	0.0	20.9	0.3	1.0	0.0	1.0	
VMP-40-30	7/22/2015	1223	-0.24	-0.22	0.0	0	0.0	20.9	0.3	0.3	0.0	0.3	
VMP-40-30	8/19/2015	1225	-0.22	-0.23	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-40-30	9/16/2015	1204	-0.17	-0.17	0.0	0	0.0	20.9	1.5	0.3	0.0	0.3	
VMP-40-30	10/21/2015	1003	-0.13	0.00	0.0	0	0.0	20.9	0.3	0.4	0.0	0.4	
VMP-40-30	11/23/2015	1205	-0.22	-0.13	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-30-Dup	11/23/2015	1205	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-40-30	12/16/2015	1245	-0.23	-0.27	0.0	0	0.0	20.9	0.3	0.3	0.0	0.3	
VMP-40-30	1/20/2016	1330	0.00	-0.09	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-40-30	2/17/2016	1210	-0.26	-0.19	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-40-30	3/22/2016	1230	-0.15	-0.17	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-40-30	4/20/2016	1240	0.03	0.04	0.0	0	0.2	20.3	0.5	0.0	0.0	0.0	
VMP-40-30	5/18/2016	0940	-0.34	-0.32	0.0	0	0.2	20.8	0.5	0.0	0.0	0.0	
VMP-40-30	6/21/2016	1200	0.00	0.00	0.0	0	0.2	20.8	0.5	0.0	0.0	0.0	
VMP-40-30	7/21/2016	1305	-0.13	-0.14	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-40-30	8/24/2016	1308	-0.18	-0.13	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-40-30	9/21/2016	1237	-0.16	-0.15	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-30	10/20/2016	1433	-0.27	-0.26	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-30	11/16/2016	1312	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-40-30	12/21/2016	0917	-0.13	-0.21	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-40-30-Dup	12/21/2016	0917	NM	NM	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	Duplicate sample.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-41-10	1/28/2015	1124	-0.29	-0.22	0.0	0	0.1	20.9	0.7	0.7	0.0	0.7	
VMP-41-10	2/25/2015	0908	-0.23	-0.15	0.0	0	0.1	20.9	0.4	0.3	0.0	0.3	
VMP-41-10	3/25/2015	1120	-0.30	-0.26	0.0	0	0.2	20.9	0.6	1.1	0.0	1.1	
VMP-41-10	4/22/2015	0940	-0.33	-0.27	0.0	0	0.2	20.8	0.5	1.0	0.0	1.0	
VMP-41-10	5/20/2015	1105	-0.32	-0.29	0.0	0	0.4	20.6	0.4	0.7	0.0	0.7	
VMP-41-10-Dup	5/20/2015	1105	NM	NM	0.0	0	0.4	20.6	0.4	0.3	0.0	0.3	Duplicate sample.
VMP-41-10	6/17/2015	0831	-0.18	-0.14	0.0	0	0.6	20.2	0.9	0.8	0.0	0.8	
VMP-41-10	7/22/2015	0831	-0.12	0.00	0.0	0	0.9	20.2	0.1	0.0	0.0	0.0	
VMP-41-10	8/19/2015	1140	-0.13	-0.12	0.0	0	0.8	20.3	0.3	0.0	0.0	0.0	
VMP-41-10	9/16/2015	1110	0.00	0.00	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-41-10	10/21/2015	1025	0.00	0.00	0.0	0	0.2	20.8	0.7	0.0	0.0	0.0	
VMP-41-10	11/23/2015	1118	0.00	-0.12	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-41-10	12/16/2015	1122	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-41-10-Dup	12/16/2015	1125	NM	NM	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-41-10	1/20/2016	1515	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-41-10	2/19/2016	1005	-0.15	-0.11	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-41-10	3/22/2016	1040	0.00	0.00	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
VMP-41-10	4/20/2016	1440	0.00	0.00	0.0	0	0.3	20.6	0.4	0.0	0.0	0.0	
VMP-41-10	5/19/2016	1300	-0.06	-0.06	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-41-10	6/21/2016	1015	0.00	0.00	0.0	0	0.8	20.3	0.4	0.0	0.0	0.0	
VMP-41-10	7/20/2016	1221	0.00	0.00	0.0	0	0.8	20.3	0.1	0.0	0.0	0.0	
VMP-41-10	8/24/2016	1515	0.00	0.00	0.0	0	1.0	20.1	0.3	0.0	0.0	0.0	
VMP-41-10	9/21/2016	1055	0.00	0.00	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-41-10	10/20/2016	1023	-0.11	0.00	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-41-10	11/16/2016	1024	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-41-10	12/21/2016	0843	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	Initial vacuum measured at -0.15 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-41-20	1/28/2015	1129	-0.32	-0.17	0.0	0	0.1	20.9	1.0	0.4	0.0	0.4	
VMP-41-20	2/25/2015	0911	-0.28	-0.20	0.0	0	0.1	20.8	0.4	0.3	0.0	0.3	
VMP-41-20	3/25/2015	1120	-0.36	-0.31	0.0	0	0.1	20.8	0.9	1.0	0.0	1.0	
VMP-41-20	4/22/2015	0941	-0.43	-0.32	0.0	0	0.1	20.8	0.5	0.8	0.0	0.8	
VMP-41-20	5/20/2015	1110	-0.30	-0.10	0.0	0	0.0	20.9	0.5	1.5	0.0	1.5	
VMP-41-20	6/17/2015	0835	-0.18	-0.13	0.0	0	0.4	20.4	0.8	0.6	0.0	0.6	
VMP-41-20	7/22/2015	0835	0.00	0.00	0.0	0	0.7	20.2	0.4	0.0	0.0	0.0	
VMP-41-20	8/19/2015	1145	-0.14	-0.11	0.0	0	0.8	20.1	0.2	0.0	0.0	0.0	
VMP-41-20	9/16/2015	1115	0.00	-0.09	0.0	0	0.7	20.3	0.2	0.0	0.0	0.0	
VMP-41-20	10/21/2015	1028	0.00	0.00	0.0	0	0.4	20.7	0.6	0.0	0.0	0.0	
VMP-41-20	11/23/2015	1119	0.00	-0.14	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-41-20	12/16/2015	1123	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-20	1/20/2016	1520	0.00	0.00	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-41-20	2/17/2016	1109	0.00	0.00	0.0	0	0.2	20.5	0.2	0.0	0.0	0.0	
VMP-41-20	3/22/2016	1045	0.00	0.00	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-41-20	4/20/2016	1445	0.00	0.00	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-41-20	5/19/2016	1305	-0.07	-0.07	0.0	0	0.4	20.4	0.5	0.0	0.0	0.0	
VMP-41-20	6/21/2016	1020	0.00	0.00	0.0	0	0.5	205.0	0.7	0.0	0.0	0.0	
VMP-41-20	7/20/2016	1222	0.00	0.00	0.0	0	0.8	20.1	0.2	0.0	0.0	0.0	
VMP-41-20	8/24/2016	1516	0.00	0.00	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-41-20	9/21/2016	1056	0.00	0.00	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-41-20	10/20/2016	1026	-0.12	0.00	0.0	0	1.0	20.2	0.3	0.0	0.0	0.0	
VMP-41-20	11/16/2016	1025	0.00	0.00	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-41-20	12/21/2016	0854	0.00	0.00	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-41-26	1/28/2015	1136	-0.33	-0.26	0.0	0	0.2	20.8	1.0	0.5	0.0	0.5	
VMP-41-26	2/25/2015	0912	-0.30	-0.19	0.0	0	0.2	20.8	0.5	0.2	0.0	0.2	
VMP-41-26	3/25/2015	1122	-0.39	-0.34	0.0	0	0.2	20.7	0.7	0.8	0.0	0.8	
VMP-41-26	4/22/2015	0942	-0.46	-0.35	0.0	0	0.0	20.9	0.3	0.6	0.0	0.6	
VMP-41-26	5/20/2015	1115	-0.42	-0.37	0.0	0	0.3	20.7	0.5	0.4	0.0	0.4	
VMP-41-26	6/17/2015	0839	-0.24	-0.18	0.0	0	0.4	20.4	0.5	1.0	0.0	1.0	
VMP-41-26	7/22/2015	0839	0.00	0.00	0.0	0	0.7	19.9	0.2	0.0	0.0	0.0	
VMP-41-26	8/19/2015	1150	-0.14	-0.12	0.0	0	0.9	19.8	0.1	0.0	0.0	0.0	
VMP-41-26	9/16/2015	1120	0.00	-0.24	0.0	0	0.9	20.0	0.3	0.0	0.0	0.0	
VMP-41-26	10/21/2015	1030	0.00	0.00	0.0	0	0.8	20.4	0.6	0.0	0.0	0.0	
VMP-41-26	11/23/2015	1120	-0.20	-0.13	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-41-26	12/16/2015	1124	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-26	1/20/2016	1525	0.00	0.00	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-41-26	2/19/2016	1010	0.00	0.00	0.0	0	0.4	20.6	0.3	0.0	0.0	0.0	
VMP-41-26-Dup	2/19/2016	1010	NM	NM	0.0	0	0.4	20.6	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	3/22/2016	1050	0.00	0.00	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-41-26	4/20/2016	1450	0.00	0.00	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-41-26-Dup	4/20/2016	1450	NM	NM	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	5/19/2016	1310	-0.08	-0.09	0.0	0	0.4	20.3	0.7	0.0	0.0	0.0	
VMP-41-26	6/21/2016	1025	0.00	0.00	0.0	0	0.5	20.3	0.3	0.0	0.0	0.0	
VMP-41-26	7/20/2016	1224	0.00	0.00	0.0	0	0.7	20.1	0.3	0.0	0.0	0.0	
VMP-41-26-Dup	7/20/2016	1224	NM	NM	0.0	0	0.7	20.1	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	8/24/2016	1517	0.00	0.00	0.0	0	0.5	20.6	0.3	0.0	0.0	0.0	
VMP-41-26	9/21/2016	1057	0.00	0.00	0.0	0	1.2	19.9	0.0	0.0	0.0	0.0	
VMP-41-26	10/20/2016	1031	-0.13	0.00	0.0	0	1.3	20.0	0.4	0.0	0.0	0.0	
VMP-41-26	11/16/2016	1026	0.00	0.00	0.0	0	1.0	20.0	0.1	0.0	0.0	0.0	
VMP-41-26	12/21/2016	0858	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-42-10	1/29/2015	0925	-0.24	-0.20	0.0	0	0.2	20.8	0.8	0.5	0.0	0.5	
VMP-42-10	2/26/2015	1122	-0.11	-0.14	0.0	0	0.2	20.5	0.6	0.2	0.0	0.2	
VMP-42-10	3/27/2015	1101	-0.14	-0.10	0.0	0	0.2	20.8	0.8	0.1	0.0	0.1	
VMP-42-10	4/23/2015	1139	0.00	0.00	0.0	0	0.5	20.3	1.0	1.3	0.0	1.3	
VMP-42-10	5/21/2015	1330	-0.22	-0.30	0.0	0	0.7	20.0	0.6	1.3	0.0	1.3	
VMP-42-10	6/18/2015	0910	-0.19	-0.11	0.0	0	0.9	19.9	0.6	0.6	0.0	0.6	
VMP-42-10	7/23/2015	1120	-0.10	-0.11	0.0	0	1.0	19.7	0.3	0.0	0.0	0.0	
VMP-42-10	8/20/2015	1355	0.00	-0.13	0.0	0	1.0	20.0	0.1	0.0	0.0	0.0	
VMP-42-10	9/17/2015	1329	0.00	0.00	0.0	0	0.9	20.2	0.5	0.0	0.0	0.0	
VMP-42-10	10/22/2015	1450	0.00	0.00	0.0	0	0.6	20.5	0.1	0.0	0.0	0.0	
VMP-42-10	11/24/2015	1435	0.00	-0.13	0.0	0	0.4	20.6	0.5	0.0	0.0	0.0	
VMP-42-10	12/17/2015	1349	0.00	0.00	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-42-10	1/21/2016	1340	0.00	-0.11	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-42-10	2/18/2016	1628	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-42-10	3/23/2016	1410	0.00	0.00	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-42-10	4/20/2016	1055	-0.07	-0.02	0.0	0	0.2	20.5	0.2	0.0	0.0	0.0	
VMP-42-10	5/19/2016	1345	-0.16	-0.17	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-42-10	6/22/2016	1125	0.00	0.00	0.0	0	0.6	20.0	0.6	0.0	0.0	0.0	
VMP-42-10	7/21/2016	1557	0.00	-0.11	0.0	0	1.1	19.7	0.0	0.0	0.0	0.0	
VMP-42-10	8/25/2016	1316	0.00	-0.13	0.0	0	1.2	19.6	0.1	0.0	0.0	0.0	
VMP-42-10	9/22/2016	1305	0.00	0.00	0.0	0	1.0	19.8	0.0	0.0	0.0	0.0	
VMP-42-10	10/21/2016	1415	-0.17	-0.17	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-42-10	11/17/2016	1330	0.00	0.00	0.0	0	0.8	20.0	0.2	0.0	0.0	0.0	
VMP-42-10	12/22/2016	1110	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-42-20	1/29/2015	0930	-1.03	-0.66	0.0	0	1.0	20.3	0.4	0.3	0.0	0.3	
VMP-42-20-Dup	1/29/2015	0934	NM	NM	0.0	0	1.0	20.4	0.5	0.3	0.0	0.3	Duplicate sample.
VMP-42-20	2/26/2015	1127	-0.45	-0.49	0.0	0	0.8	20.4	0.5	0.1	0.0	0.1	
VMP-42-20	3/27/2015	1102	-0.72	-0.46	0.0	0	0.7	20.4	0.8	0.8	0.0	0.8	
VMP-42-20	4/23/2015	1140	0.00	-0.27	0.0	0	0.6	19.3	0.8	2.0	0.0	2.0	
VMP-42-20-Dup	4/23/2015	1140	NM	NM	0.0	0	0.6	19.6	0.8	1.8	0.0	1.8	Duplicate sample.
VMP-42-20	5/21/2015	1334	-0.66	-0.68	0.0	0	1.2	19.0	0.7	1.6	0.0	1.6	
VMP-42-20	6/18/2015	0914	-0.57	-0.46	0.0	0	2.1	18.9	0.4	0.3	0.0	0.3	
VMP-42-20	7/23/2015	1125	-0.46	-0.47	0.0	0	3.1	18.0	0.6	0.0	0.0	0.0	
VMP-42-20	8/20/2015	1400	-0.39	-0.44	0.0	0	3.3	18.4	0.3	0.0	0.0	0.0	
VMP-42-20	9/17/2015	1334	-0.28	-0.18	0.0	0	2.9	18.8	0.7	0.0	0.0	0.0	
VMP-42-20	10/22/2015	1455	-0.14	-0.21	0.0	0	2.3	19.5	0.4	0.0	0.0	0.0	
VMP-42-20	11/24/2015	1440	-0.34	-0.41	0.0	0	1.6	19.7	0.6	0.0	0.0	0.0	
VMP-42-20	12/17/2015	1350	0.00	-0.10	0.0	0	1.3	20.0	0.1	0.0	0.0	0.0	
VMP-42-20	1/21/2016	1345	-0.13	-0.23	0.0	0	0.9	20.3	0.2	0.0	0.0	0.0	
VMP-42-20	2/18/2016	1632	-0.13	-0.11	0.0	0	0.8	20.2	0.2	0.0	0.0	0.0	
VMP-42-20	3/23/2016	1415	-0.26	-0.27	0.0	0	0.6	20.2	0.3	0.0	0.0	0.0	
VMP-42-20	4/20/2016	1100	-0.23	-0.07	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-42-20	5/19/2016	1350	-0.55	-0.59	0.0	0	1.2	19.5	0.4	0.0	0.0	0.0	
VMP-42-20	6/22/2016	1125	-0.19	-0.24	0.0	0	1.3	19.4	0.8	0.0	0.0	0.0	
VMP-42-20	7/21/2016	1601	-0.15	-0.17	0.0	0	1.9	19.8	0.0	0.0	0.0	0.0	
VMP-42-20	8/25/2016	1317	-0.30	-0.37	0.0	0	2.9	18.1	0.1	0.0	0.0	0.0	
VMP-42-20	9/22/2016	1307	-0.11	-0.24	0.0	0	2.7	18.5	0.0	0.0	0.0	0.0	
VMP-42-20	10/21/2016	1416	-0.21	0.00	0.0	0	2.8	18.5	0.0	0.0	0.0	0.0	
VMP-42-20	11/17/2016	1331	0.00	0.00	0.0	0	2.2	19.0	0.3	0.0	0.0	0.0	
VMP-42-20	12/22/2016	1112	-0.28	-0.24	0.0	0	2.2	19.3	0.2	0.0	0.0	0.0	

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-42-30	1/29/2015	0939	-1.85	-1.52	0.0	0	1.0	20.3	0.3	0.2	0.0	0.2	
VMP-42-30	2/26/2015	1133	-1.15	-1.18	0.0	0	1.0	20.3	0.6	0.2	0.0	0.2	
VMP-42-30	3/27/2015	1102	-1.22	-1.13	0.0	0	0.9	20.4	0.8	0.4	0.0	0.4	
VMP-42-30	4/23/2015	1141	-1.00	-0.67	0.0	0	0.7	20.0	0.7	1.0	0.0	1.0	
VMP-42-30	5/21/2015	1338	-1.32	-1.26	0.0	0	0.6	19.8	0.8	1.8	0.0	1.8	
VMP-42-30	6/18/2015	0918	-1.24	-1.08	0.0	0	1.2	19.5	0.3	0.5	0.0	0.5	
VMP-42-30	7/23/2015	1130	-1.06	-1.10	0.0	0	1.8	18.8	0.3	0.0	0.0	0.0	
VMP-42-30	8/20/2015	1405	-0.93	-0.96	0.0	0	2.1	19.3	0.2	0.0	0.0	0.0	
VMP-42-30	9/17/2015	1339	-0.66	-0.45	0.0	0	2.3	19.3	0.5	0.0	0.0	0.0	
VMP-42-30	10/22/2015	1500	-0.46	-0.56	0.0	0	2.0	19.6	0.4	0.0	0.0	0.0	
VMP-42-30	11/24/2015	1445	-0.75	-0.88	0.0	0	1.5	20.0	0.6	0.0	0.0	0.0	
VMP-42-30	12/17/2015	1351	-0.15	-0.20	0.0	0	1.3	20.2	0.1	0.0	0.0	0.0	
VMP-42-30	1/21/2016	1350	-0.28	-0.46	0.0	0	0.1	20.3	0.4	0.0	0.0	0.0	
VMP-42-30	2/18/2016	1636	-0.33	-0.33	0.0	0	0.7	20.1	0.2	0.0	0.0	0.0	
VMP-42-30	3/23/2016	1420	-0.64	-0.66	0.0	0	0.7	20.3	0.3	0.0	0.0	0.0	
VMP-42-30-Dup	3/23/2016	1420	NM	NM	0.0	0	0.7	20.3	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-42-30	4/20/2016	1105	-0.57	-0.26	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-42-30-Dup	4/20/2016	1105	NM	NM	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-42-30	5/19/2016	1355	-1.20	-1.25	0.0	0	0.6	20.2	0.6	0.0	0.0	0.0	
VMP-42-30	6/22/2016	1135	-0.58	-0.62	0.0	0	0.8	19.8	0.7	0.0	0.0	0.0	
VMP-42-30	7/21/2016	1604	-0.23	-0.29	0.0	0	1.2	19.4	0.0	0.0	0.0	0.0	
VMP-42-30	8/25/2016	1318	-0.78	-0.83	0.0	0	2.0	18.8	0.1	0.0	0.0	0.0	
VMP-42-30	9/22/2016	1310	-0.63	-0.59	0.0	0	2.2	18.9	0.0	0.0	0.0	0.0	
VMP-42-30-Dup	9/22/2016	1310	NM	NM	0.0	0	2.2	19.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-42-30	10/21/2016	1417	-0.26	0.00	0.0	0	2.5	18.6	0.2	0.0	0.0	0.0	
VMP-42-30	11/17/2016	1332	0.00	0.00	0.0	0	2.4	18.9	0.2	0.0	0.0	0.0	
VMP-42-30	12/22/2016	1114	-0.78	-0.68	0.0	0	2.5	19.0	0.1	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-43-10	1/29/2015	1040	-3.82	-3.72	0.0	0	0.1	20.8	0.6	1.2	0.0	1.2	
VMP-43-10	2/26/2015	1313	-3.67	-3.78	0.0	0	0.1	20.9	0.0	2.6	0.0	2.6	
VMP-43-10	3/26/2015	1430	-0.64	-3.82	0.0	0	0.1	20.9	0.7	1.3	0.0	1.3	
VMP-43-10	4/23/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-43-10	5/21/2015	1430	-4.41	-4.38	0.0	0	0.5	20.2	0.8	2.9	0.0	2.9	
VMP-43-10	6/18/2015	1410	-5.61	-5.50	0.0	0	0.6	20.0	0.5	2.2	0.0	2.2	
VMP-43-10	7/23/2015	1421	-4.57	-4.59	0.0	0	0.5	20.5	0.6	2.0	0.0	2.0	
VMP-43-10	8/20/2015	1450	-5.07	-5.07	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-43-10	9/17/2015	1430	-4.43	-4.43	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-43-10	10/22/2015	1425	-4.46	-4.72	0.0	0	0.1	20.8	0.6	0.0	0.0	0.0	
VMP-43-10	11/24/2015	1318	-6.02	-6.06	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-43-10	12/17/2015	1401	-0.17	-0.14	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-43-10	1/22/2016	0935	-3.39	-2.55	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-10	2/18/2016	1525	-5.12	-5.19	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-10	3/23/2016	1430	-5.30	-5.28	0.0	0	0.0	20.9	0.3	0.5	0.0	0.5	
VMP-43-10	4/20/2016	1500	0.00	0.00	0.0	0	0.2	20.6	0.2	0.0	0.0	0.0	
VMP-43-10	5/19/2016	1445	-6.27	-6.60	0.0	0	0.2	20.6	0.3	0.0	0.0	0.0	
VMP-43-10	6/10/2016	1152	-2.80	NM	0.0	0	0.3	20.5	0.3	0.0	0.0	0.0	
VMP-43-10	6/22/2016	1425	-2.40	-2.47	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	
VMP-43-10	7/22/2016	0920	-2.42	-2.03	0.0	0	0.5	20.2	0.7	0.0	0.0	0.0	
VMP-43-10	8/25/2016	1415	-4.81	-4.84	0.0	0	0.3	20.5	0.2	0.1	0.0	0.0	
VMP-43-10	9/22/2016	1336	-3.01	-3.13	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-43-10	10/21/2016	1338	-4.00	-3.96	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-43-10	11/17/2016	1015	-2.24	-2.14	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-43-10	12/5/2016	1030	0.19	NM	0.0	0	0.4	20.4	0.1	0.0	0.0	0.0	
VMP-43-10	12/22/2016	1353	-2.81	-2.98	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-43-20	1/29/2015	1045	-6.56	-6.40	0.0	0	0.1	20.8	0.4	1.0	0.0	1.0	
VMP-43-20-Dup	1/29/2015	1045	NM	NM	0.0	0	0.2	20.8	0.4	0.7	0.0	0.7	Duplicate sample.
VMP-43-20-Dup	1/29/2015	1050	NM	NM	0.0	0	0.2	20.8	0.7	0.7	0.0	0.7	Duplicate sample.
VMP-43-20	2/26/2015	1318	-6.06	-6.32	0.0	0	0.2	20.8	0.9	0.4	0.0	0.4	
VMP-43-20	3/26/2015	1434	-6.06	-6.14	0.0	0	0.2	20.9	1.3	1.1	0.0	1.1	
VMP-43-20	4/23/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-43-20	5/21/2015	1435	-6.44	-6.40	0.0	0	0.2	20.6	0.9	3.8	0.0	3.8	
VMP-43-20	6/18/2015	1415	-7.33	-7.26	0.0	0	0.6	20.1	0.5	1.8	0.0	1.8	
VMP-43-20	7/23/2015	1425	-6.93	-6.93	0.0	0	0.8	20.4	0.5	1.3	0.0	1.3	
VMP-43-20-Dup	7/23/2015	1425	NM	NM	0.0	0	1.0	20.2	0.5	0.8	0.0	0.8	Duplicate Sample.
VMP-43-20	8/20/2015	1455	-7.42	-7.40	0.0	0	1.0	20.2	0.2	0.0	0.0	0.0	
VMP-43-20	9/17/2015	1435	-7.47	-7.51	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-43-20	10/22/2015	1430	-7.30	-7.29	0.0	0	0.2	20.8	0.4	0.4	0.0	0.4	
VMP-43-20-Dup	10/22/2015	1430	NM	NM	0.0	0	0.3	20.7	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-43-20	11/24/2015	1323	-8.64	-8.69	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-43-20	12/17/2015	1402	-0.21	-0.19	0.0	0	0.3	20.8	0.0	0.0	0.0	0.0	
VMP-43-20	1/22/2016	0940	-5.07	-3.80	0.0	0	0.2	20.4	0.0	0.5	0.0	0.5	
VMP-43-20	2/18/2016	1530	-8.17	-8.26	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-43-20	3/23/2016	1435	-8.42	-8.33	0.0	0	0.1	20.9	0.4	0.0	0.0	0.0	
VMP-43-20	4/20/2016	1505	0.00	0.06	0.0	0	0.3	20.6	0.4	0.0	0.0	0.0	
VMP-43-20	5/19/2016	1450	-9.38	-9.41	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	
VMP-43-20	6/10/2016	1157	-4.30	NM	0.0	0	0.4	20.5	1.2	0.0	0.0	0.0	
VMP-43-20	6/22/2016	1430	-3.76	-3.88	0.0	0	0.3	20.6	0.4	0.0	0.0	0.0	
VMP-43-20	7/22/2016	0921	-3.08	-2.65	0.0	0	0.6	20.2	0.2	0.0	0.0	0.0	
VMP-43-20	8/25/2016	1416	-7.49	-7.52	0.0	0	0.4	20.4	0.3	0.0	0.0	0.0	
VMP-43-20	9/22/2016	1337	-3.86	-4.00	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-43-20	10/21/2016	1341	-5.50	-5.49	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
VMP-43-20	11/17/2016	1016	-2.83	-2.77	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-43-20	12/5/2016	1031	0.22	NM	0.0	0	0.3	20.1	0.2	0.0	0.0	0.0	
VMP-43-20	12/22/2016	1356	-4.60	-4.82	0.0	0	0.0	20.9	0.7	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-43-30	1/29/2015	1055	-3.06	-2.60	0.0	0	0.3	20.5	0.5	11.7	11.0	0.7	
VMP-43-30	2/26/2015	1323	-1.56	-4.01	0.0	0	0.1	20.9	0.7	2.4	0.0	2.4	
VMP-43-30	3/26/2015	1437	-4.83	-4.56	0.0	0	0.9	19.7	1.2	1.6	0.0	1.6	
VMP-43-30	4/23/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-43-30	5/21/2015	1440	-7.87	-7.83	0.0	0	0.4	20.5	0.8	2.6	0.0	2.6	
VMP-43-30	6/18/2015	1421	-8.85	-8.79	0.0	0	0.8	19.8	0.7	1.7	0.0	1.7	
VMP-43-30	7/23/2015	1429	-8.62	-8.61	0.0	0	1.3	19.8	0.8	1.0	0.0	1.0	
VMP-43-30	8/20/2015	1500	-9.07	-9.07	0.0	0	1.3	19.7	0.1	0.0	0.0	0.0	
VMP-43-30	9/17/2015	1440	-9.37	-9.42	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-43-30	10/22/2015	1435	-9.30	-9.25	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-43-30	11/24/2015	1328	-10.70	-10.74	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-43-30	12/17/2015	1403	-0.18	-0.16	0.0	0	0.2	20.2	1.0	14.4	9.6	4.8	
VMP-43-30	1/22/2016	1335	-5.53	-6.26	0.0	0	3.0	16.9	0.0	0.0	0.0	0.0	
VMP-43-30	2/18/2016	1535	-10.22	-10.30	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-43-30	3/23/2016	1440	-11.06	-11.07	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-43-30	4/20/2016	1510	-0.10	0.05	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-43-30	5/19/2016	1455	-12.21	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-43-30	6/10/2016	1200	-4.70	NM	0.0	0	0.7	19.7	10.0	3.4	0.0	3.4	
VMP-43-30	6/22/2016	1435	-4.82	-4.21	0.0	0	0.6	20.3	0.8	0.5	0.0	0.5	
VMP-43-30	7/22/2016	0922	-3.33	-2.78	0.0	0	1.1	19.5	0.4	0.0	0.0	0.0	
VMP-43-30	8/25/2016	1417	-10.12	-10.15	0.0	0	0.6	20.3	0.6	0.0	0.0	0.0	
VMP-43-30	9/22/2016	1338	-4.37	-4.58	0.0	0	0.5	20.4	0.7	0.0	0.0	0.0	
VMP-43-30	10/21/2016	1344	-7.47	-7.46	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-43-30	11/17/2016	1017	-3.18	-3.12	0.0	0	0.2	20.7	0.9	0.0	0.0	0.0	
VMP-43-30	12/5/2016	1032	0.18	NM	0.0	0	0.5	20.1	0.1	0.0	0.0	0.0	
VMP-43-30	12/22/2016	1358	-6.50	-6.68	0.0	0	0.1	20.8	0.7	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-44-10	1/29/2015	1418	0.00	0.00	0.0	0	0.3	20.7	2.4	1.7	0.0	1.7	
VMP-44-10	2/26/2015	1333	0.00	0.00	0.0	0	0.4	20.4	0.8	1.5	0.0	1.5	
VMP-44-10	3/26/2015	1445	0.00	0.00	0.0	0	0.4	20.5	0.8	0.7	0.0	0.7	
VMP-44-10	4/23/2015	1445	0.00	0.00	0.0	0	0.5	20.4	1.3	2.5	0.0	2.5	
VMP-44-10	5/21/2015	1100	0.00	0.00	0.0	0	0.9	19.7	0.5	1.5	0.0	1.5	
VMP-44-10	6/17/2015	1440	-0.12	0.00	0.0	0	0.7	19.0	0.4	0.0	0.0	0.0	
VMP-44-10	7/23/2015	1335	0.00	0.00	0.0	0	2.0	18.9	0.6	0.9	0.0	0.9	
VMP-44-10	8/20/2015	1330	0.00	0.00	0.0	0	2.4	18.8	0.2	0.0	0.0	0.0	
VMP-44-10	9/17/2015	1110	0.00	0.00	0.0	0	1.9	18.7	0.5	0.5	0.0	0.0	
VMP-44-10	10/22/2015	1320	0.00	0.00	0.0	0	0.8	19.7	0.3	0.0	0.0	0.0	
VMP-44-10	11/24/2015	1242	0.00	0.00	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-44-10	12/18/2015	1000	0.00	0.00	0.0	0	0.3	20.5	0.1	0.0	0.0	0.0	
VMP-44-10	1/21/2016	1531	0.00	-2.08	0.0	0	0.2	20.5	0.2	2.5	0.0	2.5	
VMP-44-10	2/18/2016	1430	0.00	0.00	0.0	0	0.2	20.5	0.2	0.0	0.0	0.0	
VMP-44-10	3/23/2016	1335	0.00	0.00	0.0	0	0.3	20.5	0.3	0.0	0.0	0.0	
VMP-44-10	4/21/2016	0850	0.00	-0.09	0.0	0	0.7	18.6	0.5	0.0	0.0	0.0	
VMP-44-10	5/18/2016	1515	-0.15	-0.13	0.0	0	0.4	20.6	0.7	0.0	0.0	0.0	
VMP-44-10	6/22/2016	1105	0.00	0.00	0.0	0	0.5	19.8	0.7	0.4	0.0	0.4	
VMP-44-10	7/22/2016	0840	-1.61	0.00	0.0	0	2.0	18.3	0.2	0.0	0.0	0.0	
VMP-44-10	8/25/2016	1045	0.00	0.00	0.0	0	2.2	18.7	0.3	0.0	0.0	0.0	
VMP-44-10	9/22/2016	1034	0.00	0.00	0.0	0	2.1	19.0	0.0	0.0	0.0	0.0	
VMP-44-10	10/21/2016	1154	0.00	0.00	0.0	0	1.6	19.3	0.0	0.0	0.0	0.0	
VMP-44-10	11/17/2016	0855	0.00	0.00	0.0	0	0.8	20.0	0.1	0.0	0.0	0.0	
VMP-44-10	12/22/2016	1138	-0.15	0.00	0.0	0	0.4	20.5	0.4	6.2	6.2	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-44-20	1/29/2015	1420	0.00	0.00	0.0	0	0.4	20.7	2.1	0.3	0.0	0.3	
VMP-44-20	2/26/2015	1333	-0.09	0.00	0.0	0	0.4	20.6	0.6	1.6	0.0	1.6	
VMP-44-20	3/26/2015	1445	0.00	0.00	0.0	0	0.4	20.5	0.7	0.5	0.0	0.5	
VMP-44-20	4/23/2015	1450	0.00	0.00	0.0	0	0.3	20.6	1.2	2.5	0.0	2.5	
VMP-44-20	5/21/2015	1105	0.00	0.00	0.0	0	0.8	19.8	0.5	2.1	0.0	2.1	
VMP-44-20	6/17/2015	1444	-0.19	-0.15	0.0	0	1.7	18.9	0.3	0.1	0.0	0.1	
VMP-44-20	7/23/2015	1339	-0.39	0.00	0.0	0	1.8	18.8	0.7	1.9	0.0	1.9	
VMP-44-20	8/20/2015	1335	-0.26	-0.60	0.0	0	2.4	18.7	0.3	0.0	0.0	0.0	
VMP-44-20	9/17/2015	1115	0.00	-0.11	0.0	0	1.7	18.7	0.6	0.7	0.0	0.7	
VMP-44-20	10/22/2015	1325	7.32	0.09	0.0	0	0.5	20.1	0.4	0.0	0.0	0.0	
VMP-44-20-Dup	10/22/2015	1325	NM	NM	0.0	0	0.5	20.0	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-44-20	11/24/2015	1247	-0.19	0.00	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-44-20-Dup	11/24/2015	1248	NM	NM	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-44-20	12/18/2015	1005	-0.16	-1.18	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	
VMP-44-20	1/21/2016	1536	0.00	0.00	0.0	0	0.3	20.3	0.1	4.8	0.0	4.8	
VMP-44-20	2/18/2016	1435	0.00	0.00	0.0	0	0.0	20.9	0.3	0.3	0.0	0.3	
VMP-44-20	3/23/2016	1340	-0.12	-0.15	0.0	0	0.3	20.5	0.5	0.0	0.0	0.0	
VMP-44-20	4/21/2016	0855	-0.04	-0.14	0.0	0	0.5	19.0	0.3	0.0	0.0	0.0	
VMP-44-20	5/18/2016	1520	-1.33	-2.13	0.0	0	0.7	20.2	1.1	0.0	0.0	0.0	
VMP-44-20	6/22/2016	1110	-0.23	-0.25	0.0	0	0.4	19.9	0.2	0.5	0.0	0.5	
VMP-44-20	7/22/2016	0841	-2.83	-1.72	0.0	0	2.3	17.9	0.2	0.0	0.0	0.0	
VMP-44-20	8/25/2016	1046	-1.14	-0.10	0.0	0	2.1	18.9	0.5	0.0	0.0	0.0	
VMP-44-20	9/22/2016	1035	0.00	0.00	0.0	0	2.1	19.0	0.3	0.0	0.0	0.0	
VMP-44-20	10/21/2016	1157	-1.36	-0.26	0.0	0	1.9	19.1	0.2	0.0	0.0	0.0	
VMP-44-20	11/17/2016	0856	0.00	0.00	0.0	0	0.9	19.8	0.1	0.0	0.0	0.0	
VMP-44-20	12/22/2016	1141	0.21	0.20	0.0	0	0.4	20.5	0.2	6.6	6.6	0.0	Initial vacuum measured at -0.15 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-44-30	1/29/2015	1422	-0.14	-0.16	0.0	0	0.2	20.9	2.2	1.2	0.0	1.2	
VMP-44-30	2/26/2015	1333	-0.09	-1.09	0.0	0	0.2	20.9	0.8	1.5	0.0	1.5	
VMP-44-30	3/26/2015	1445	-0.10	0.00	0.0	0	0.4	20.6	1.0	0.6	0.0	0.6	
VMP-44-30	4/23/2015	1455	-0.10	-0.12	0.0	0	0.4	20.6	1.0	1.2	0.0	1.2	
VMP-44-30	5/21/2015	1110	-0.23	-0.23	0.0	0	0.8	19.9	0.5	1.8	0.0	1.8	
VMP-44-30	6/17/2015	1448	-0.35	-0.48	0.0	0	1.5	19.3	0.7	0.0	0.0	0.0	
VMP-44-30	7/23/2015	1343	-0.51	0.00	0.0	0	1.9	19.1	0.8	2.2	0.0	2.2	
VMP-44-30	8/20/2015	1340	0.00	0.00	0.0	0	2.2	18.9	0.1	0.0	0.0	0.0	
VMP-44-30	9/17/2015	1120	0.00	0.00	0.0	0	1.7	18.9	0.6	0.6	0.0	0.6	
VMP-44-30	10/22/2015	1330	0.00	0.00	0.0	0	0.7	20.0	0.4	0.0	0.0	0.0	
VMP-44-30	11/24/2015	1252	0.00	-0.11	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-44-30	12/18/2015	1010	0.00	0.00	0.0	0	0.1	20.6	0.1	0.0	0.0	0.0	
VMP-44-30	1/21/2016	1541	0.00	0.00	0.0	0	0.1	20.8	0.0	1.5	0.0	1.5	
VMP-44-30	2/18/2016	1440	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-44-30	3/23/2016	1345	0.00	0.00	0.0	0	0.2	20.4	0.3	0.0	0.0	0.0	
VMP-44-30	4/21/2016	0900	0.00	-0.10	0.0	0	0.5	18.9	0.4	0.0	0.0	0.0	
VMP-44-30-Dup	4/21/2016	0900	NM	NM	0.0	0	0.5	18.9	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-44-30	5/18/2016	1525	-0.18	-0.17	0.0	0	0.5	20.5	0.6	0.0	0.0	0.0	
VMP-44-30	6/22/2016	1115	0.00	0.00	0.0	0	0.5	19.7	0.4	0.3	0.0	0.3	
VMP-44-30	7/22/2016	0842	-0.15	0.00	0.0	0	2.2	18.2	0.2	0.0	0.0	0.0	
VMP-44-30	8/25/2016	1047	0.00	0.00	0.0	0	2.0	18.8	0.4	0.0	0.0	0.0	
VMP-44-30	9/22/2016	1036	0.00	0.00	0.0	0	1.9	19.2	0.1	0.0	0.0	0.0	
VMP-44-30	10/21/2016	1201	0.00	0.00	0.0	0	1.3	19.8	0.0	0.0	0.0	0.0	
VMP-44-30	11/17/2016	0857	0.00	0.00	0.0	0	0.6	20.1	0.2	0.0	0.0	0.0	
VMP-44-30-Dup	11/17/2016	0857	NM	NM	0.0	0	0.7	20.1	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-44-30	12/22/2016	1144	0.00	0.26	0.0	0	0.3	20.6	0.2	5.3	5.3	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-45-10	1/29/2015	1600	0.00	0.00	0.0	0	0.1	20.9	1.3	1.3	0.0	1.3	
VMP-45-10	2/26/2015	1114	0.00	0.00	0.0	0	0.1	20.9	0.8	0.3	0.0	0.3	
VMP-45-10	3/26/2015	1321	-0.15	0.00	0.0	0	0.1	20.9	0.8	1.3	0.0	1.3	
VMP-45-10	4/22/2015	1548	0.00	-0.11	0.0	0	0.2	20.8	0.6	0.9	0.0	0.9	
VMP-45-10	5/21/2015	1040	0.00	0.00	0.0	0	0.1	20.7	0.5	1.0	0.0	1.0	
VMP-45-10	6/17/2015	1420	-0.12	-0.12	0.0	0	0.4	20.6	0.3	0.4	0.0	0.4	
VMP-45-10	7/22/2015	1434	0.00	0.00	0.0	0	0.3	20.8	0.3	0.8	0.0	0.8	
VMP-45-10	8/20/2015	1010	0.00	-0.16	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-45-10	9/17/2015	0950	0.00	0.00	0.0	0	0.1	20.8	0.5	0.0	0.0	0.0	
VMP-45-10	10/22/2015	0945	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-45-10	11/24/2015	1148	-0.14	-0.12	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-45-10	12/17/2015	1520	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-45-10	1/20/2016	1210	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-45-10	2/18/2016	1340	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-45-10	3/23/2016	0925	-0.29	-0.19	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-45-10	4/21/2016	1440	-0.06	-0.07	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-45-10	5/18/2016	1415	-0.19	-0.19	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-45-10	6/22/2016	0910	-0.12	-0.10	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-45-10	7/21/2016	1519	0.00	0.00	0.0	0	0.4	20.5	0.1	0.0	0.0	0.0	
VMP-45-10	8/25/2016	0935	-0.20	-0.14	0.0	0	0.3	20.7	0.6	0.0	0.0	0.0	
VMP-45-10	9/22/2016	0929	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-45-10	10/21/2016	1001	-0.10	-0.10	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-45-10	11/17/2016	0843	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-45-10	12/22/2016	0933	0.29	0.16	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-45-20	1/29/2015	1603	-0.16	-0.17	0.0	0	0.2	20.9	0.7	1.3	0.0	1.3	
VMP-45-20	2/26/2015	1114	0.00	-0.16	0.0	0	0.2	20.8	0.7	0.3	0.0	0.3	
VMP-45-20	3/26/2015	1321	-0.17	0.00	0.0	0	0.2	20.8	0.7	0.9	0.0	0.9	
VMP-45-20	4/22/2015	1549	-0.11	-0.12	0.0	0	0.3	20.7	0.7	1.0	0.0	1.0	
VMP-45-20	5/21/2015	1045	0.00	-0.11	0.0	0	0.2	20.6	0.5	2.4	0.0	2.4	
VMP-45-20	6/17/2015	1424	-0.34	-0.18	0.0	0	0.4	20.6	0.3	0.0	0.0	0.0	
VMP-45-20	7/22/2015	1438	-0.14	-0.15	0.0	0	0.5	20.5	0.5	0.0	0.0	0.0	
VMP-45-20	8/20/2015	1015	-0.09	-0.20	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-45-20	9/17/2015	0955	-0.12	0.00	0.0	0	0.1	20.8	0.7	0.0	0.0	0.0	
VMP-45-20	10/22/2015	0950	-0.10	-0.13	0.0	0	0.1	20.6	0.1	0.0	0.0	0.0	
VMP-45-20	11/24/2015	1153	-0.19	-0.13	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-45-20	12/17/2015	1525	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-45-20	1/20/2016	1215	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-45-20	2/18/2016	1345	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-45-20	3/23/2016	0930	-0.27	-0.20	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-45-20	4/21/2016	1445	-0.10	-0.09	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-45-20	5/18/2016	1420	-0.23	-0.21	0.0	0	0.3	20.7	0.5	0.0	0.0	0.0	
VMP-45-20	6/22/2016	0915	-0.13	-0.09	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-45-20	7/21/2016	1520	0.00	0.00	0.0	0	0.6	20.3	0.6	0.0	0.0	0.0	
VMP-45-20	8/25/2016	0936	-0.20	-0.09	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	
VMP-45-20	9/22/2016	0930	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-45-20	10/21/2016	1003	-0.11	-0.10	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-45-20	11/17/2016	0844	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-45-20	12/22/2016	0937	0.13	0.13	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-45-30	1/29/2015	1606	-0.50	-0.55	0.0	0	0.9	20.2	1.1	0.8	0.0	0.8	
VMP-45-30	2/26/2015	1114	-0.33	-0.36	0.0	0	0.9	20.1	1.2	0.4	0.0	0.4	
VMP-45-30	3/26/2015	1321	-0.48	-0.30	0.0	0	0.7	20.3	0.8	0.9	0.0	0.9	
VMP-45-30-Dup	3/26/2015	1321	NM	NM	0.0	0	0.8	20.2	0.8	0.8	0.0	0.8	Duplicate sample.
VMP-45-30	4/22/2015	1550	-0.41	-0.45	0.0	0	0.8	20.1	1.0	0.6	0.0	0.6	
VMP-45-30	5/21/2015	1050	-0.49	-0.48	0.0	0	0.8	19.8	0.6	0.5	0.0	0.5	
VMP-45-30	6/17/2015	1428	-0.67	-0.56	0.0	0	1.0	19.8	0.5	0.0	0.0	0.0	
VMP-45-30	7/22/2015	1442	-0.44	-0.46	0.0	0	1.3	19.5	0.4	0.0	0.0	0.0	
VMP-45-30	8/20/2015	1025	-0.62	-1.24	0.0	0	1.5	19.4	0.6	0.0	0.0	0.0	
VMP-45-30	9/17/2015	1000	-0.49	-0.38	0.0	0	1.4	19.5	0.6	0.0	0.0	0.0	
VMP-45-30	10/22/2015	0955	-0.52	-0.52	0.0	0	1.3	19.8	0.4	0.8	0.0	0.8	
VMP-45-30	11/24/2015	1158	-0.57	-0.52	0.0	0	0.9	20.2	0.9	0.0	0.0	0.0	
VMP-45-30	12/17/2015	1530	-0.10	0.00	0.0	0	0.8	20.2	0.1	0.0	0.0	0.0	
VMP-45-30-Dup	12/17/2015	1535	NM	NM	0.0	0	0.8	20.2	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-45-30	1/20/2016	1220	-0.14	-0.19	0.0	0	1.0	20.0	0.2	0.0	0.0	0.0	
VMP-45-30-Dup	1/20/2016	1225	NM	NM	0.0	0	1.0	20.0	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-45-30	2/18/2016	1350	-0.17	-0.10	0.0	0	0.9	19.9	0.3	0.0	0.0	0.0	
VMP-45-30	3/23/2016	0935	-0.83	-0.69	0.0	0	0.6	20.2	0.2	0.0	0.0	0.0	
VMP-45-30	4/21/2016	1450	-0.37	-0.31	0.0	0	1.2	20.0	0.1	0.0	0.0	0.0	
VMP-45-30	5/18/2016	1425	-0.76	-0.73	0.0	0	0.9	20.2	0.5	0.0	0.0	0.0	
VMP-45-30	6/22/2016	0920	-0.51	-0.36	0.0	0	0.9	19.8	0.3	0.0	0.0	0.0	
VMP-45-30	7/21/2016	1522	0.00	0.00	0.0	0	1.5	19.6	0.5	0.0	0.0	0.0	
VMP-45-30	8/25/2016	0937	-0.50	-0.46	0.0	0	1.6	19.2	0.5	0.0	0.0	0.0	
VMP-45-30-Dup	8/25/2016	0937	NM	NM	0.0	0	1.8	19.3	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-45-30	9/22/2016	0931	-0.16	-0.12	0.0	0	1.9	19.0	0.1	0.0	0.0	0.0	
VMP-45-30	10/21/2016	1006	-0.43	-0.40	0.0	0	2.3	18.9	0.0	0.0	0.0	0.0	
VMP-45-30-Dup	10/21/2016	1006	NM	NM	0.0	0	2.2	19.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-45-30	11/17/2016	0845	0.00	-0.13	0.0	0	1.7	19.2	0.1	0.0	0.0	0.0	
VMP-45-30	12/22/2016	0940	0.71	0.58	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	Initial vacuum measured at -0.37 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-46-10	1/29/2015	1432	0.00	-0.41	0.0	0	0.0	20.9	0.9	2.3	0.0	2.3	
VMP-46-10	2/25/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP location underneath snow mound. Could not access.
VMP-46-10	3/25/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP location underneath roll-off dumpster. Could not access.
VMP-46-10	4/22/2015	1050	0.00	0.00	0.0	0	0.0	20.9	0.5	1.9	0.0	1.9	
VMP-46-10	5/20/2015	0950	-0.15	-0.10	0.0	0	0.0	20.9	0.8	1.3	0.0	1.3	
VMP-46-10	6/17/2015	0935	-0.37	-0.35	0.0	0	0.1	20.8	1.1	2.7	0.0	2.7	
VMP-46-10	7/22/2015	0933	-0.16	-0.15	0.0	0	0.0	20.9	0.9	2.0	0.0	2.0	
VMP-46-10	8/19/2015	1010	0.00	0.00	0.0	0	0.1	20.6	0.4	0.4	0.0	0.4	
VMP-46-10	9/16/2015	0936	0.00	-0.16	0.0	0	0.0	20.9	0.6	1.2	0.0	1.2	
VMP-46-10	10/21/2015	1236	0.00	0.00	0.0	0	0.0	20.9	0.5	0.5	0.0	0.5	
VMP-46-10	11/23/2015	0950	-0.32	-0.17	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	12/16/2015	1030	-1.85	-0.30	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-46-10	1/20/2016	1110	-0.10	0.00	0.0	0	0.0	20.9	0.3	0.3	0.0	0.3	
VMP-46-10	2/17/2016	1010	-0.31	-0.27	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-46-10	3/22/2016	1010	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-46-10	4/20/2016	1015	0.21	-0.15	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-46-10	5/18/2016	1155	-0.48	-0.46	0.0	0	0.0	20.9	0.3	0.2	0.0	0.2	
VMP-46-10	6/21/2016	1245	0.00	0.00	0.0	0	0.0	20.9	0.4	0.3	0.0	0.3	
VMP-46-10	7/21/2016	0959	0.00	-0.11	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-46-10	8/24/2016	1011	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-46-10	9/21/2016	1013	-0.30	-0.20	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	10/20/2016	1010	-0.46	-0.46	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	11/16/2016	1014	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-46-10	12/21/2016	1124	0.00	0.00	0.0	0	0.0	20.9	0.4	0.2	0.0	0.2	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-46-20	1/29/2015	1438	-0.16	-0.16	0.0	0	0.1	20.9	0.9	2.1	0.0	2.1	
VMP-46-20	2/25/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP location underneath snow mound. Could not access.
VMP-46-20	3/25/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP location underneath roll-off dumpster. Could not access.
VMP-46-20	4/22/2015	1054	-0.17	0.00	0.0	0	0.0	20.9	0.8	2.1	0.0	2.1	
VMP-46-20	5/20/2015	0955	-0.14	0.00	0.0	0	0.0	20.9	0.4	1.3	0.0	1.3	
VMP-46-20	6/17/2015	0940	0.00	0.00	0.0	0	0.1	20.8	0.5	2.4	0.0	2.4	
VMP-46-20	7/22/2015	0940	0.00	0.00	0.0	0	0.1	20.7	0.4	0.0	0.0	0.0	
VMP-46-20	8/19/2015	1015	0.00	0.00	0.0	0	0.2	20.7	0.4	0.2	0.0	0.2	
VMP-46-20	9/16/2015	0941	-0.80	0.00	0.0	0	0.6	20.4	0.8	0.2	0.0	0.2	
VMP-46-20	10/21/2015	1240	0.00	0.00	0.0	0	0.1	20.8	0.3	0.4	0.0	0.4	
VMP-46-20	11/23/2015	0955	-1.19	-0.36	0.0	0	0.8	20.4	0.0	0.0	0.0	0.0	
VMP-46-20	12/16/2015	1035	-0.18	-0.17	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-46-20	1/20/2016	1115	0.00	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-46-20	2/17/2016	1015	0.00	-0.11	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-46-20	3/22/2016	1015	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-46-20	4/20/2016	1020	1.41	-0.13	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-46-20	5/18/2016	1200	-0.28	-0.23	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-46-20	6/21/2016	1250	0.00	0.00	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-46-20	7/21/2016	1004	-0.10	-0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-20	8/24/2016	1012	0.00	-0.17	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-46-20	9/21/2016	1016	-0.37	-0.27	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-20	10/20/2016	1012	-0.59	-0.47	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-46-20	11/16/2016	1015	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-46-20	12/21/2016	1127	0.00	0.00	0.0	0	0.2	20.6	0.1	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-46-30	1/29/2015	1442	-1.18	-1.05	0.0	0	0.4	20.7	1.6	1.4	0.0	1.4	
VMP-46-30	2/25/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP location underneath snow mound. Could not access.
VMP-46-30	3/25/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP location underneath roll-off dumpster. Could not access.
VMP-46-30	4/22/2015	1147	-5.02	-4.74	0.0	0	0.4	20.6	0.8	1.8	0.0	1.8	
VMP-46-30	5/20/2015	1000	-0.99	-0.72	0.0	0	0.3	20.6	0.4	0.9	0.0	0.9	
VMP-46-30	6/17/2015	0945	-1.10	-0.87	0.0	0	0.8	19.8	0.6	1.7	0.0	1.7	
VMP-46-30	7/22/2015	0945	-0.84	-0.50	0.0	0	1.2	19.6	0.4	0.0	0.0	0.0	
VMP-46-30	8/19/2015	1020	-1.13	-1.01	0.0	0	1.8	19.0	0.5	0.0	0.0	0.0	
VMP-46-30	9/16/2015	0946	-0.86	-0.81	0.0	0	1.2	19.9	0.6	0.6	0.0	0.6	
VMP-46-30	10/21/2015	1244	-0.52	-0.39	0.0	0	0.6	20.4	0.6	0.0	0.0	0.0	
VMP-46-30	11/23/2015	1000	-0.85	-0.95	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-46-30	12/16/2015	1040	-1.21	-1.17	0.0	0	0.4	20.6	0.3	0.0	0.0	0.0	
VMP-46-30	1/20/2016	1120	-0.25	0.00	0.0	0	0.5	20.4	0.4	0.0	0.0	0.0	
VMP-46-30	2/17/2016	1020	-1.67	-1.13	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-46-30-Dup	2/17/2016	1020	NM	NM	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-46-30	3/22/2016	1020	-0.35	-0.23	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-46-30	4/20/2016	1025	-1.34	-0.47	0.0	0	0.2	20.6	0.2	0.0	0.0	0.0	
VMP-46-30-Dup	4/20/2016	1025	NM	NM	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-46-30	5/18/2016	1205	-1.29	-1.26	0.0	0	0.1	20.8	0.2	0.3	0.0	0.3	
VMP-46-30	6/21/2016	1255	0.00	0.00	0.0	0	0.3	20.4	0.5	0.0	0.0	0.0	
VMP-46-30	7/21/2016	1008	-0.23	-0.19	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-46-30	8/24/2016	1013	-0.25	-0.25	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-46-30	9/21/2016	1018	-0.43	-0.36	0.0	0	0.2	20.6	0.3	0.0	0.0	0.0	
VMP-46-30-Dup	9/21/2016	1018	NM	NM	0.0	0	0.3	20.5	0.8	0.0	0.0	0.0	Duplicate sample.
VMP-46-30	10/20/2016	1015	-0.83	-0.50	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-46-30	11/16/2016	1016	-0.15	-0.11	0.0	0	0.4	20.5	0.1	0.0	0.0	0.0	
VMP-46-30	12/21/2016	1130	0.00	0.00	0.0	0	0.9	20.1	0.1	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-47-5	1/29/2015	0857	-0.19	-0.15	0.0	0	0.4	20.7	0.3	0.3	0.0	0.3	
VMP-47-5	2/27/2015	0933	-0.10	-0.16	0.0	0	0.3	20.5	0.3	1.1	0.0	1.1	
VMP-47-5	2/27/2015	0940	-0.10	-0.16	0.0	0	0.3	20.5	0.3	1.1	0.0	1.1	
VMP-47-5	3/26/2015	1310	-0.11	-0.12	0.0	0	0.4	20.7	1.0	0.4	0.0	0.4	
VMP-47-5	4/23/2015	1307	-0.12	-0.09	0.0	0	1.1	19.9	1.7	1.4	0.0	1.4	
VMP-47-5	5/21/2015	1226	-0.27	-0.12	0.0	0	1.5	19.6	0.3	1.4	0.0	1.4	
VMP-47-5	6/18/2015	0818	-0.26	0.00	0.0	0	1.8	19.4	0.4	0.7	0.0	0.7	
VMP-47-5	7/23/2015	1346	-0.12	0.00	0.0	0	1.8	19.5	0.7	1.5	0.0	1.5	
VMP-47-5	8/20/2015	0949	0.00	0.00	0.0	0	1.6	19.6	0.4	0.0	0.0	0.0	
VMP-47-5	9/17/2015	1010	-0.15	0.00	0.0	0	1.0	20.0	0.5	0.0	0.0	0.0	
VMP-47-5	10/22/2015	0915	-0.09	-0.09	0.0	0	0.2	20.7	0.6	1.6	0.0	1.6	
VMP-47-5	11/24/2015	1420	0.00	0.00	0.0	0	0.4	20.7	0.1	0.0	0.0	0.0	
VMP-47-5	12/17/2015	1219	0.00	0.00	0.0	0	0.4	20.7	0.2	0.0	0.0	0.0	
VMP-47-5	1/21/2016	1115	0.00	0.00	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-47-5	2/18/2016	1500	0.00	0.00	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-47-5	3/23/2016	0940	-0.19	-0.18	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-47-5	4/21/2016	1140	-0.15	-0.14	0.0	0	0.6	20.0	0.5	0.0	0.0	0.0	
VMP-47-5	5/19/2016	1020	-0.18	-0.18	0.0	0	0.5	20.4	0.6	0.0	0.0	0.0	
VMP-47-5	6/22/2016	0910	-0.09	-0.09	0.0	0	0.2	20.4	0.4	0.0	0.0	0.0	
VMP-47-5	7/20/2016	1535	-0.12	-0.12	0.0	0	0.8	20.0	0.6	0.0	0.0	0.0	
VMP-47-5	8/25/2016	0957	-0.11	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-47-5	9/22/2016	1017	0.00	-0.08	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-47-5	10/21/2016	1115	-0.26	-0.19	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-47-5	11/17/2016	1035	0.00	0.00	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-47-5	12/22/2016	0835	-0.15	-0.14	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-47-10	1/29/2015	0902	-0.55	-0.50	0.0	0	0.3	20.7	0.4	0.5	0.0	0.5	
VMP-47-10	2/27/2015	0940	-0.29	-0.32	0.0	0	0.2	20.8	0.4	0.5	0.0	0.5	
VMP-47-10	3/26/2015	1314	-0.31	-0.31	0.0	0	0.3	20.8	1.2	0.5	0.0	0.5	
VMP-47-10	4/23/2015	1308	-0.29	-0.26	0.0	0	0.6	20.3	1.6	1.6	0.0	1.6	
VMP-47-10	5/21/2015	1230	-0.50	-0.34	0.0	0	0.6	20.2	0.4	2.1	0.0	2.1	
VMP-47-10	6/18/2015	0823	-0.20	-0.24	0.0	0	1.0	20.1	0.4	0.0	0.0	0.0	
VMP-47-10	7/23/2015	1350	-0.21	-0.20	0.0	0	1.0	20.0	0.6	0.3	0.0	0.3	
VMP-47-10	8/20/2015	0954	-0.30	-0.25	0.0	0	1.3	19.9	0.3	0.0	0.0	0.0	
VMP-47-10	9/17/2015	1015	-0.24	-0.18	0.0	0	1.0	20.0	0.6	0.0	0.0	0.0	
VMP-47-10	10/22/2015	0920	-0.26	-0.26	0.0	0	0.5	20.4	0.4	0.1	0.0	0.1	
VMP-47-10	11/24/2015	1425	-0.20	-0.21	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-47-10	12/17/2015	1220	0.00	-0.21	0.0	0	0.4	20.7	0.2	0.0	0.0	0.0	
VMP-47-10	1/21/2016	1120	-0.12	-0.40	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-47-10	2/18/2016	1504	-0.23	-0.25	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-47-10	3/23/2016	0945	-0.45	-0.41	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-47-10	4/21/2016	1145	-0.35	-0.32	0.0	0	0.6	20.2	0.4	0.0	0.0	0.0	
VMP-47-10	5/19/2016	1025	-0.46	-0.45	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	
VMP-47-10	6/22/2016	0915	-0.34	-0.33	0.0	0	0.5	20.2	0.3	0.0	0.0	0.0	
VMP-47-10	7/20/2016	1540	-0.28	-0.29	0.0	0	0.7	20.3	0.4	0.0	0.0	0.0	
VMP-47-10-Dup	7/20/2016	1540	NM	NM	0.0	0	0.7	20.2	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-47-10	8/25/2016	0958	-0.41	-0.37	0.0	0	0.6	20.3	0.1	0.0	0.0	0.0	
VMP-47-10	9/22/2016	1018	-0.25	-0.31	0.0	0	0.9	20.2	0.0	0.0	0.0	0.0	
VMP-47-10	10/21/2016	1116	-0.33	-0.27	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-47-10	11/17/2016	1036	-0.21	-0.18	0.0	0	0.5	20.5	0.1	0.0	0.0	0.0	
VMP-47-10	12/22/2016	0838	-0.35	-0.33	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-47-20	1/29/2015	0906	-3.05	-2.81	0.0	0	0.3	20.7	0.6	0.1	0.0	0.1	
VMP-47-20	2/27/2015	0940	-0.20	-2.22	0.0	0	0.2	20.8	0.4	0.5	0.0	0.5	
VMP-47-20	3/26/2015	1317	-2.17	-2.19	0.0	0	0.3	20.8	1.3	0.7	0.0	0.7	
VMP-47-20	4/23/2015	1309	-1.97	-1.90	0.0	0	0.5	20.3	1.0	1.0	0.0	1.0	
VMP-47-20	5/21/2015	1234	-2.67	-2.34	0.0	0	0.6	20.4	0.4	1.9	0.0	1.9	
VMP-47-20	6/18/2015	0828	-1.98	-2.35	0.0	0	1.1	19.9	0.4	0.0	0.0	0.0	
VMP-47-20	7/23/2015	1355	-2.43	-2.36	0.0	0	1.2	19.9	0.6	0.8	0.0	0.8	
VMP-47-20	8/20/2015	0959	-2.99	-2.93	0.0	0	1.3	20.0	0.4	0.3	0.0	0.3	
VMP-47-20	9/17/2015	1020	-2.88	-2.70	0.0	0	0.7	20.3	0.5	0.0	0.0	0.0	
VMP-47-20	10/22/2015	0925	-3.24	-3.02	0.0	0	0.4	20.5	0.5	0.0	0.0	0.0	
VMP-47-20	11/24/2015	1430	-2.76	-2.86	0.0	0	0.4	20.7	0.0	0.0	0.0	0.0	
VMP-47-20	12/17/2015	1222	-0.25	-0.18	0.0	0	0.4	20.7	0.2	0.0	0.0	0.0	
VMP-47-20	1/21/2016	1125	-1.34	-1.38	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-47-20	2/18/2016	1509	-2.31	-2.33	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-47-20	3/23/2016	0950	-3.35	--3.15	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-47-20	4/21/2016	1150	-2.64	-2.62	0.0	0	0.5	20.3	0.4	0.0	0.0	0.0	
VMP-47-20	5/19/2016	1030	-3.52	-3.50	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	
VMP-47-20	6/22/2016	0920	-3.46	-3.34	0.0	0	0.5	20.4	0.5	0.0	0.0	0.0	
VMP-47-20	7/20/2016	1547	-2.48	-2.48	0.0	0	0.9	20.0	0.7	0.0	0.0	0.0	
VMP-47-20	8/25/2016	0959	-4.83	-4.73	0.0	0	0.8	20.1	0.1	0.0	0.0	0.0	
VMP-47-20-Dup	8/25/2016	0959	NM	NM	0.0	0	0.8	20.1	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-47-20	9/22/2016	1019	-3.94	-3.93	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-47-20	10/21/2016	1117	-1.74	-1.53	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-47-20-Dup	10/21/2016	1117	NM	NM	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-47-20	11/17/2016	1037	-2.84	-2.75	0.0	0	0.5	20.4	0.2	0.0	0.0	0.0	
VMP-47-20	12/22/2016	0841	-3.35	-3.28	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-47-30	1/29/2015	0911	-4.25	-3.88	0.0	0	0.4	20.6	0.9	0.8	0.0	0.8	
VMP-47-30	2/27/2015	0940	-0.73	-3.07	0.0	0	0.4	20.6	0.5	0.2	0.0	0.2	
VMP-47-30	3/26/2015	1320	-3.01	-2.90	0.0	0	0.4	20.5	1.0	0.6	0.0	0.6	
VMP-47-30	4/23/2015	1310	-2.72	-2.61	0.0	0	0.6	20.2	1.2	1.2	0.0	1.2	
VMP-47-30	5/21/2015	1238	-3.56	-3.14	0.0	0	0.6	20.3	0.4	3.1	0.0	3.1	
VMP-47-30	6/18/2015	0833	-2.66	-3.18	0.0	0	1.0	19.9	0.4	0.0	0.0	0.0	
VMP-47-30	7/23/2015	1400	-3.25	-3.15	0.0	0	1.1	19.8	0.5	0.6	0.0	0.6	
VMP-47-30	8/20/2015	1004	-4.01	-3.93	0.0	0	1.8	19.4	0.3	0.0	0.0	0.0	
VMP-47-30	9/17/2015	1025	-3.62	-3.66	0.0	0	1.5	19.6	0.6	0.0	0.0	0.0	
VMP-47-30	10/22/2015	0930	-4.40	-4.12	0.0	0	1.0	20.0	0.5	0.0	0.0	0.0	
VMP-47-30	11/24/2015	1435	-3.76	-3.88	0.0	0	0.9	20.2	0.1	0.0	0.0	0.0	
VMP-47-30	12/17/2015	1223	-0.37	-0.27	0.0	0	0.9	20.3	0.3	0.0	0.0	0.0	
VMP-47-30	1/21/2016	1130	-1.85	-1.83	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-47-30	2/18/2016	1513	-3.17	-3.15	0.0	0	0.4	20.5	0.1	0.0	0.0	0.0	
VMP-47-30	3/23/2016	0955	-4.48	-4.20	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-47-30	4/21/2016	1155	-3.52	-3.53	0.0	0	0.9	19.9	0.4	0.0	0.0	0.0	
VMP-47-30	5/19/2016	1035	-4.65	-4.60	0.0	0	0.5	20.3	0.4	0.0	0.0	0.0	
VMP-47-30	6/22/2016	0925	-4.63	-4.47	0.0	0	0.8	19.9	0.3	0.0	0.0	0.0	
VMP-47-30-Dup	6/22/2016	0925	NM	NM	0.0	0	0.8	19.9	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-47-30	7/20/2016	1552	-3.31	-3.31	0.0	0	1.2	19.5	0.3	0.0	0.0	0.0	
VMP-47-30	8/25/2016	1000	-6.56	-6.45	0.0	0	1.0	20.1	0.0	0.0	0.0	0.0	
VMP-47-30	9/22/2016	1020	-5.43	-5.42	0.0	0	1.5	19.6	0.0	0.0	0.0	0.0	
VMP-47-30	10/21/2016	1118	-1.94	-1.70	0.0	0	1.3	19.8	0.0	0.0	0.0	0.0	
VMP-47-30	11/17/2016	1038	-3.95	-3.80	0.0	0	1.1	19.9	0.4	0.0	0.0	0.0	
VMP-47-30	12/22/2016	0844	-4.63	-4.52	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-48-5	1/29/2015	1035	0.00	0.00	0.0	0	0.5	20.4	1.3	1.1	0.0	1.1	
VMP-48-5	2/26/2015	1433	0.00	0.00	0.0	0	0.5	20.6	0.7	2.6	0.0	2.6	
VMP-48-5	3/27/2015	1122	0.00	0.00	0.0	0	0.5	19.7	0.6	0.9	0.0	0.9	
VMP-48-5	4/23/2015	1123	0.00	0.00	0.0	0	1.7	18.2	1.3	1.3	0.0	1.3	
VMP-48-5-Dup	4/23/2015	1123	NM	NM	0.0	0	1.7	18.2	1.3	1.0	0.0	1.0	Duplicate sample.
VMP-48-5	5/21/2015	1246	0.00	-0.27	0.0	0	3.2	16.5	0.8	1.3	0.0	1.3	
VMP-48-5	6/18/2015	0952	0.00	0.00	0.0	0	4.9	13.2	0.5	0.7	0.0	0.7	
VMP-48-5	7/23/2015	1055	0.00	0.12	0.0	0	6.5	15.4	0.3	0.0	0.0	0.0	
VMP-48-5	8/20/2015	1328	0.00	0.00	0.0	0	5.4	15.0	0.2	0.0	0.0	0.0	
VMP-48-5	9/17/2015	1136	-0.39	-0.10	0.0	0	3.7	18.0	0.7	0.0	0.0	0.0	
VMP-48-5	10/22/2015	1105	0.00	0.00	0.0	0	1.4	19.9	0.6	0.6	0.0	0.6	
VMP-48-5	11/24/2015	1445	-0.35	-0.34	0.0	0	0.7	20.1	0.5	0.3	0.0	0.3	
VMP-48-5	12/17/2015	1332	0.00	0.00	0.0	0	0.6	20.2	0.2	0.0	0.0	0.0	
VMP-48-5	1/21/2016	1300	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-48-5	2/18/2016	0938	0.00	0.00	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-48-5	3/23/2016	1335	0.00	0.00	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-48-5	4/20/2016	0955	-0.01	-0.04	0.0	0	1.1	19.2	0.4	0.0	0.0	0.0	
VMP-48-5	5/19/2016	1305	0.00	0.00	0.0	0	2.6	17.5	0.8	0.0	0.0	0.0	
VMP-48-5	6/22/2016	1015	0.09	0.00	0.0	0	4.2	16.1	0.6	0.0	0.0	0.0	
VMP-48-5	7/21/2016	1538	0.78	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-48-5	8/25/2016	1117	0.00	0.00	0.0	0	5.7	15.1	0.3	0.0	0.0	0.0	
VMP-48-5	9/22/2016	1109	0.00	0.00	0.0	0	5.1	14.5	0.0	0.0	0.0	0.0	
VMP-48-5	10/21/2016	1315	-0.13	-0.15	0.0	0	1.7	19.0	0.1	0.0	0.0	0.0	
VMP-48-5	11/17/2016	1300	0.00	0.00	0.0	0	2.1	19.0	0.3	0.0	0.0	0.0	
VMP-48-5	12/22/2016	1048	0.00	0.00	0.0	0	2.2	20.1	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-48-10	1/29/2015	1035	0.00	-0.25	0.0	0	0.9	20.4	1.3	1.0	0.0	1.0	
VMP-48-10	2/26/2015	1438	-1.10	-0.24	0.0	0	0.7	20.3	1.4	1.1	0.0	1.1	
VMP-48-10	3/27/2015	1122	0.00	-0.39	0.0	0	0.5	20.0	0.7	0.5	0.0	0.5	
VMP-48-10	4/23/2015	1124	0.00	0.00	0.0	0	1.4	18.5	1.0	1.3	0.0	1.3	
VMP-48-10	5/21/2015	1250	-0.10	-0.42	0.0	0	2.5	17.3	0.9	1.4	0.0	1.4	
VMP-48-10	6/18/2015	0957	0.00	0.00	0.0	0	3.4	15.5	0.6	1.1	0.0	1.1	
VMP-48-10	7/23/2015	1100	0.00	0.00	0.0	0	5.9	16.0	0.3	0.0	0.0	0.0	
VMP-48-10	8/20/2015	1333	-0.16	0.00	0.0	0	4.4	16.6	0.2	0.0	0.0	0.0	
VMP-48-10	9/17/2015	1143	0.00	-0.14	0.0	0	3.8	17.8	0.6	0.0	0.0	0.0	
VMP-48-10	10/22/2015	1110	-0.09	0.00	0.0	0	1.9	19.3	0.5	0.4	0.0	0.4	
VMP-48-10	11/24/2015	1450	-0.10	-0.12	0.0	0	1.1	19.9	0.6	0.1	0.0	0.1	
VMP-48-10	12/17/2015	1333	0.00	0.00	0.0	0	0.9	19.9	0.2	0.0	0.0	0.0	
VMP-48-10-Dup	12/17/2015	1333	NM	NM	0.0	0	1.2	19.7	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-48-10-Dup	12/17/2015	1338	NM	NM	0.0	0	1.2	19.7	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-48-10	1/21/2016	1305	-0.17	-0.30	0.0	0	0.7	20.3	0.2	0.0	0.0	0.0	
VMP-48-10	2/18/2016	943	-0.22	-0.25	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-48-10	3/23/2016	1340	0.00	0.00	0.0	0	0.5	20.3	0.4	0.0	0.0	0.0	
VMP-48-10	4/20/2016	1000	-0.08	-0.10	0.0	0	0.8	19.2	0.3	0.0	0.0	0.0	
VMP-48-10	5/19/2016	1310	-0.18	-0.16	0.0	0	2.2	18.2	0.4	0.0	0.0	0.0	
VMP-48-10	6/22/2016	1020	0.00	0.00	0.0	0	2.4	18.0	0.7	0.0	0.0	0.0	
VMP-48-10	7/21/2016	1540	0.00	0.00	0.0	0	3.0	16.8	0.4	0.0	0.0	0.0	
VMP-48-10	8/25/2016	1118	0.00	0.00	0.0	0	5.1	15.0	0.1	0.0	0.0	0.0	
VMP-48-10	9/22/2016	1110	0.00	0.00	0.0	0	5.1	14.6	0.0	0.0	0.0	0.0	
VMP-48-10	10/21/2016	1316	-0.12	-0.16	0.0	0	4.4	15.9	0.3	0.0	0.0	0.0	
VMP-48-10	11/17/2016	1301	0.00	0.00	0.0	0	4.8	15.7	0.2	0.0	0.0	0.0	
VMP-48-10	12/22/2016	1050	-0.11	-0.12	0.0	0	4.1	17.8	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-48-20	1/29/2015	1035	-0.83	-0.11	0.0	0	2.6	19.3	1.4	0.3	0.0	0.3	
VMP-48-20	2/26/2015	1442	-0.09	-0.09	0.0	0	2.2	19.8	0.9	0.2	0.0	0.2	
VMP-48-20	3/27/2015	1123	0.00	0.00	0.0	0	1.8	20.0	0.7	0.3	0.0	0.3	
VMP-48-20	4/23/2015	1125	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	5/21/2015	1254	-2.15	-0.79	0.0	0	1.6	18.9	0.8	1.2	0.0	1.2	
VMP-48-20	6/18/2015	1002	0.00	0.00	0.0	0	1.8	18.3	0.5	0.3	0.0	0.3	
VMP-48-20	7/23/2015	1105	-2.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	8/20/2015	1338	-0.59	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	9/17/2015	1148	0.00	-0.14	0.0	0	3.9	16.7	0.9	0.0	0.0	0.0	
VMP-48-20	10/22/2015	1115	-0.10	0.00	0.0	0	4.3	17.9	0.4	0.0	0.0	0.0	
VMP-48-20	11/24/2015	1455	-0.11	-0.15	0.0	0	3.4	18.6	0.6	0.0	0.0	0.0	
VMP-48-20	12/17/2015	1334	0.00	0.00	0.0	0	2.9	19.0	0.2	0.0	0.0	0.0	
VMP-48-20	1/21/2016	1310	-0.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	2/18/2016	948	-0.12	0.00	0.0	0	2.1	19.6	0.4	0.0	0.0	0.0	
VMP-48-20	3/23/2016	1345	0.00	0.00	0.0	0	1.5	19.8	0.3	0.0	0.0	0.0	
VMP-48-20	4/20/2016	1005	-0.08	-0.11	0.0	0	1.4	19.8	0.3	0.0	0.0	0.0	
VMP-48-20	5/19/2016	1315	-0.20	-0.17	0.0	0	1.6	19.1	0.3	0.0	0.0	0.0	
VMP-48-20	6/22/2016	1025	0.16	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	7/21/2016	1543	0.00	-0.38	0.0	0	2.2	17.7	0.0	0.0	0.0	0.0	
VMP-48-20	8/25/2016	1119	0.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	9/22/2016	1112	0.24	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	10/21/2016	1317	-0.17	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	11/17/2016	1302	0.34	-0.13	0.0	0	4.8	15.3	0.2	0.0	0.0	0.0	
VMP-48-20	12/22/2016	1052	-0.12	0.00	0.0	0	5.1	15.9	0.3	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-48-30	1/29/2015	1035	-1.44	-1.26	0.0	0	5.9	16.9	1.4	0.5	0.0	0.5	
VMP-48-30	2/26/2015	1447	-1.14	-1.20	0.0	0	5.3	17.8	1.0	0.0	0.0	0.0	
VMP-48-30	3/27/2015	1123	-1.11	-1.04	0.0	0	4.6	18.5	0.8	0.3	0.0	0.3	
VMP-48-30	4/23/2015	1126	-1.10	-0.73	0.0	0	3.8	18.6	1.1	0.9	0.0	0.9	
VMP-48-30	5/21/2015	1258	-1.13	-1.33	0.0	0	3.0	18.5	0.9	1.1	0.0	1.1	
VMP-48-30	6/18/2015	1007	-1.02	-0.82	0.0	0	3.2	17.8	0.6	0.0	0.0	0.0	
VMP-48-30	7/23/2015	1105	-1.11	-1.06	0.0	0	3.5	16.8	0.3	0.0	0.0	0.0	
VMP-48-30-Dup	7/23/2015	1105	NM	NM	0.0	0	3.0	17.4	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-48-30	8/20/2015	1343	-0.97	-1.00	0.0	0	3.6	16.4	0.1	0.0	0.0	0.0	
VMP-48-30	9/17/2015	1153	-0.88	-0.88	0.0	0	4.6	15.2	0.5	0.0	0.0	0.0	
VMP-48-30	10/22/2015	1120	-1.09	-1.12	0.0	0	5.3	15.6	0.2	0.0	0.0	0.0	
VMP-48-30-Dup	10/22/2015	1120	NM	NM	0.0	0	5.6	15.5	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-48-30	11/24/2015	1500	-0.94	-1.08	0.0	0	5.5	16.6	0.2	0.0	0.0	0.0	
VMP-48-30	12/17/2015	1335	0.00	-0.15	0.0	0	5.5	17.0	0.2	0.0	0.0	0.0	
VMP-48-30	1/21/2016	1315	-0.36	-0.39	0.0	0	4.9	17.5	0.4	0.0	0.0	0.0	
VMP-48-30	2/18/2016	0953	-1.22	-0.86	0.0	0	4.3	18.0	0.3	0.3	0.0	0.3	
VMP-48-30	2/18/2016	953	-1.22	-0.86	0.0	0	4.3	18.0	0.3	0.3	0.0	0.3	
VMP-48-30	3/23/2016	1350	-0.79	-0.76	0.0	0	3.6	18.5	0.5	0.2	0.0	0.2	
VMP-48-30-Dup	3/23/2016	1350	NM	NM	0.0	0	3.8	18.5	0.5	0.4	0.0	0.4	Duplicate sample.
VMP-48-30	4/20/2016	1010	-0.53	-0.46	0.0	0	1.2	20.0	0.4	0.0	0.0	0.0	
VMP-48-30	5/19/2016	1320	-1.29	-1.33	0.0	0	2.8	18.8	0.8	0.0	0.0	0.0	
VMP-48-30-Dup	5/19/2016	1320	NM	NM	0.0	0	3.0	18.5	0.8	0.0	0.0	0.0	Duplicate sample.
VMP-48-30	6/22/2016	1030	0.00	-0.17	0.0	0	2.9	17.5	0.4	0.0	0.0	0.0	
VMP-48-30	7/21/2016	1546	0.00	0.00	0.0	0	3.6	17.4	0.3	0.0	0.0	0.0	
VMP-48-30	8/25/2016	1120	-0.52	-0.41	0.0	0	3.7	19.2	0.0	0.0	0.0	0.0	
VMP-48-30	9/22/2016	1115	-0.24	-0.21	0.0	0	4.5	15.9	0.0	0.0	0.0	0.0	
VMP-48-30-Dup	9/22/2016	1115	NM	NM	0.0	0	4.5	16.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-48-30	10/21/2016	1318	-0.09	-0.15	0.0	0	4.8	15.3	0.1	0.0	0.0	0.0	
VMP-48-30	11/17/2016	1303	0.10	0.12	0.0	0	5.2	14.7	0.3	0.0	0.0	0.0	
VMP-48-30	12/22/2016	1056	-0.40	-0.09	0.0	0	5.9	14.3	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-49-5	1/29/2015	1049	-1.47	-1.36	0.0	0	0.2	20.8	1.2	0.4	0.0	0.4	
VMP-49-5	2/26/2015	1501	-1.29	-1.39	0.0	0	0.2	20.9	1.2	0.8	0.0	0.8	
VMP-49-5	3/27/2015	1007	-1.68	-1.62	0.0	0	0.3	20.9	0.7	0.4	0.0	0.4	
VMP-49-5	4/23/2015	1110	-1.37	-1.46	0.0	0	0.5	20.5	0.7	0.7	0.0	0.7	
VMP-49-5	5/21/2015	1410	-1.75	-1.54	0.0	0	0.6	20.3	0.5	1.6	0.0	1.6	
VMP-49-5	6/18/2015	1102	-1.85	-1.84	0.0	0	0.7	20.4	0.4	0.2	0.0	0.2	
VMP-49-5	7/23/2015	1410	-1.60	-1.65	0.0	0	0.8	20.2	0.5	0.8	0.0	0.8	
VMP-49-5	8/20/2015	1415	-1.75	-1.80	0.0	0	0.7	20.4	0.2	0.0	0.0	0.0	
VMP-49-5	9/17/2015	1402	-1.60	-1.52	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-49-5	10/22/2015	1525	-1.27	-1.33	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-49-5	11/24/2015	1400	-1.70	-1.74	0.0	0	0.3	20.8	0.5	0.0	0.0	0.0	
VMP-49-5	12/17/2015	1235	0.00	0.00	0.0	0	0.2	20.6	0.3	0.0	0.0	0.0	
VMP-49-5	1/21/2016	1500	-1.17	-1.15	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-49-5	2/18/2016	1003	-2.10	-1.88	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-49-5	3/23/2016	1450	-1.59	-1.58	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-49-5	4/20/2016	1120	-0.10	-0.03	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	
VMP-49-5	5/19/2016	1415	-2.45	-2.42	0.0	0	0.3	20.7	0.4	0.0	0.0	0.0	
VMP-49-5	6/22/2016	1350	-1.43	-1.46	0.0	0	0.5	20.3	0.3	0.0	0.0	0.0	
VMP-49-5	7/22/2016	0826	-1.61	-1.02	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-49-5	8/25/2016	1408	-2.56	-0.90	0.0	0	0.6	20.0	0.1	0.0	0.0	0.0	
VMP-49-5	9/22/2016	1356	-2.12	-2.16	0.0	0	0.6	20.3	0.3	0.0	0.0	0.0	
VMP-49-5	10/21/2016	1435	-0.92	-0.76	0.0	0	0.5	20.5	0.1	0.0	0.0	0.0	
VMP-49-5-Dup	10/21/2016	1435	NM	NM	0.0	0	0.5	20.5	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-49-5	11/17/2016	1118	-0.59	-0.59	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-49-5	12/22/2016	1333	-1.40	-1.39	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-49-10	1/29/2015	1049	-1.11	-1.01	0.0	0	0.3	20.7	1.2	1.1	0.0	1.1	
VMP-49-10	2/26/2015	1506	-0.95	-1.04	0.0	0	0.3	20.9	1.3	1.6	0.0	1.6	
VMP-49-10	3/27/2015	1008	-1.34	-1.31	0.0	0	0.4	20.6	0.8	1.3	0.0	1.3	
VMP-49-10	4/23/2015	1105	-1.18	-1.27	0.0	0	1.2	19.7	0.8	1.9	0.0	1.9	
VMP-49-10	5/21/2015	1414	-1.34	-1.11	0.0	0	1.5	19.6	0.5	1.3	0.0	1.3	
VMP-49-10	6/18/2015	1106	-1.37	-1.38	0.0	0	1.9	18.6	0.3	0.8	0.0	0.8	
VMP-49-10	7/23/2015	1415	-1.09	-1.15	0.0	0	2.5	18.9	0.7	1.3	0.0	1.3	
VMP-49-10	8/20/2015	1420	-1.25	-1.29	0.0	0	1.9	19.1	0.1	0.0	0.0	0.0	
VMP-49-10	9/17/2015	1407	-1.05	-1.00	0.0	0	1.2	19.9	0.3	0.0	0.0	0.0	
VMP-49-10	10/22/2015	1530	-0.81	-0.88	0.0	0	0.5	20.4	0.3	0.0	0.0	0.0	
VMP-49-10	11/24/2015	1405	-1.29	-1.31	0.0	0	0.2	20.7	0.4	0.7	0.0	0.7	
VMP-49-10	12/17/2015	1240	0.00	0.00	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	
VMP-49-10	1/21/2016	1505	-0.83	-0.85	0.0	0	0.2	20.6	0.4	0.0	0.0	0.0	
VMP-49-10	2/18/2016	1008	-1.51	-1.34	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-49-10	3/23/2016	1455	-1.10	-1.10	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	
VMP-49-10	4/20/2016	1125	-0.08	-0.02	0.0	0	0.7	19.9	0.2	0.0	0.0	0.0	
VMP-49-10	5/19/2016	1420	-1.79	-1.76	0.0	0	1.2	19.8	0.5	0.0	0.0	0.0	
VMP-49-10	6/22/2016	1355	-0.73	-0.76	0.0	0	1.6	19.4	0.5	0.0	0.0	0.0	
VMP-49-10	7/22/2016	0827	-1.11	-0.60	0.0	0	1.5	18.0	0.3	0.0	0.0	0.0	
VMP-49-10	8/25/2016	1409	-1.56	-0.73	0.0	0	1.7	19.1	0.2	0.0	0.0	0.0	
VMP-49-10	9/22/2016	1357	-1.29	-1.36	0.0	0	1.9	19.0	0.3	0.0	0.0	0.0	
VMP-49-10	10/21/2016	1436	-0.82	-0.66	0.0	0	0.9	19.9	0.2	0.0	0.0	0.0	
VMP-49-10	11/17/2016	1119	-0.44	-0.47	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-49-10	12/22/2016	1336	-0.62	-0.82	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-49-20	1/29/2015	1049	-0.11	0.00	0.0	0	0.3	20.7	0.9	1.4	0.0	1.4	
VMP-49-20	2/26/2015	1511	0.00	0.00	0.0	0	0.3	20.9	0.9	1.1	0.0	1.1	
VMP-49-20	3/27/2015	1008	0.00	0.00	0.0	0	0.5	20.3	0.9	1.1	0.0	1.1	
VMP-49-20	4/23/2015	1110	0.00	0.00	0.0	0	1.1	19.7	1.1	2.1	0.0	2.1	
VMP-49-20	5/21/2015	1418	-0.33	-0.09	0.0	0	1.5	19.5	0.4	1.1	0.0	1.1	
VMP-49-20	6/18/2015	1110	0.00	0.00	0.0	0	2.1	18.2	0.3	1.2	0.0	1.2	
VMP-49-20	7/23/2015	1420	0.00	0.00	0.0	0	2.8	18.6	0.6	1.6	0.0	1.6	
VMP-49-20	8/20/2015	1425	0.00	-0.09	0.0	0	2.1	18.9	0.0	0.0	0.0	0.0	
VMP-49-20	9/17/2015	1412	-0.10	0.00	0.0	0	1.1	19.9	0.3	0.0	0.0	0.0	
VMP-49-20	10/22/2015	1535	0.00	0.00	0.0	0	0.5	20.4	0.3	0.4	0.0	0.4	
VMP-49-20	11/24/2015	1410	-0.12	-0.13	0.0	0	0.1	20.8	0.6	0.2	0.0	0.2	
VMP-49-20	12/17/2015	1245	0.00	-0.10	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-49-20	1/21/2016	1510	-0.14	-0.13	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-49-20	2/18/2016	1013	-0.12	-0.10	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-49-20	3/23/2016	1500	-0.09	0.00	0.0	0	0.3	20.5	0.3	0.4	0.0	0.4	
VMP-49-20	4/20/2016	1130	-0.03	-0.01	0.0	0	0.8	19.9	0.3	0.0	0.0	0.0	
VMP-49-20	5/19/2016	1425	-0.13	-0.16	0.0	0	1.1	19.8	0.5	0.0	0.0	0.0	
VMP-49-20	6/22/2016	1400	0.00	0.00	0.0	0	1.5	19.4	0.5	0.0	0.0	0.0	
VMP-49-20	7/22/2016	0828	-0.32	0.23	0.0	0	1.5	18.1	0.0	0.0	0.0	0.0	
VMP-49-20	8/25/2016	1410	-0.19	-0.11	0.0	0	1.7	19.0	0.2	0.0	0.0	0.0	
VMP-49-20	9/22/2016	1358	0.00	-0.15	0.0	0	1.8	19.1	0.6	0.0	0.0	0.0	
VMP-49-20	10/21/2016	1437	-0.22	0.00	0.0	0	0.9	19.9	0.2	0.0	0.0	0.0	
VMP-49-20	11/17/2016	1120	0.00	0.00	0.0	0	0.6	20.4	0.4	0.5	0.0	0.0	
VMP-49-20	12/22/2016	1338	0.00	-0.09	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-49-30	1/29/2015	1049	-6.06	-5.84	0.0	0	4.8	10.3	1.2	1.0	0.0	1.0	
VMP-49-30	2/26/2015	1516	-5.63	-5.76	0.0	0	4.6	10.5	1.6	1.4	0.0	1.4	
VMP-49-30	3/27/2015	1009	-5.89	-5.79	0.0	0	10.9	4.0	8.5	53.1	16.8	36.3	
VMP-49-30	4/23/2015	1115	-6.06	-6.06	0.0	0	11.1	7.4	1.0	1.6	0.0	1.6	
VMP-49-30-Dup	4/23/2015	1115	NM	NM	0.0	0	11.1	7.4	1.0	1.5	0.0	1.5	Duplicate sample.
VMP-49-30	5/21/2015	1422	-6.09	-5.55	2.5	50	11.8	3.3	96.9	6310	4050	2260	Re-sampled due to elevated THC.
VMP-49-30	5/22/2015	1405	-5.63	NM	2.9	58	13.1	1.2	87.7	6540	4180	2360	Re-sample.
VMP-49-30	6/18/2015	1114	-6.08	-6.13	3.0	61	12.5	2.3	76.5	6310	3960	2350	
VMP-49-30	7/23/2015	1425	-6.08	-6.06	2.3	46	14.0	0.8	78.7	4800	3250	1550	
VMP-49-30	8/20/2015	1430	-6.38	-6.35	1.2	25	12.7	2.8	65.9	3170	1850	1320	
VMP-49-30	9/17/2015	1417	-6.62	-6.38	0.6	13	15.0	0.7	32.1	1720	1060	660	
VMP-49-30-Dup	9/17/2015	1417	NM	NM	0.6	13	15.2	0.5	32.1	1800	1105	695	Duplicate sample.
VMP-49-30	10/22/2015	1540	-6.45	-6.52	0.0	0	16.2	2.1	0.6	0.0	0.0	0.0	
VMP-49-30	11/24/2015	1415	-7.33	-7.36	0.0	0	14.5	5.7	0.9	0.0	0.0	0.0	
VMP-49-30	12/17/2015	1250	-0.20	-0.10	0.0	0	5.6	15.6	0.4	0.0	0.0	0.0	
VMP-49-30	1/21/2016	1515	-0.29	-3.98	0.0	0	12.3	11.3	0.3	0.0	0.0	0.0	
VMP-49-30	2/18/2016	1018	-7.80	-7.18	0.0	0	15.8	4.8	0.5	0.0	0.0	0.0	
VMP-49-30	3/23/2016	1505	-7.39	-7.37	0.0	0	14.2	5.3	0.4	0.0	0.0	0.0	
VMP-49-30	4/20/2016	1135	-0.56	-0.20	0.0	0	4.3	17.1	0.4	0.0	0.0	0.0	
VMP-49-30-Dup	4/20/2016	1135	NM	NM	0.0	0	4.9	16.7	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-49-30	5/19/2016	1430	-10.85	-10.86	0.0	0	11.9	10.7	0.2	0.0	0.0	0.0	
VMP-49-30	6/22/2016	1405	-11.52	-12.32	0.0	0	9.4	11.9	0.2	0.0	0.0	0.0	
VMP-49-30	7/22/2016	0829	-8.57	-7.55	0.0	0	8.9	12.0	0.2	0.0	0.0	0.0	
VMP-49-30	8/25/2016	1411	-16.89	-7.33	0.0	0	8.8	11.3	0.1	0.0	0.0	0.0	
VMP-49-30	9/22/2016	1359	-13.89	-13.97	0.0	0	6.7	13.1	0.3	0.0	0.0	0.0	
VMP-49-30	10/21/2016	1438	-5.31	-5.16	0.0	0	9.6	9.6	0.5	0.0	0.0	0.0	
VMP-49-30	11/17/2016	1121	-4.98	-4.80	0.0	0	9.7	10.4	0.0	0.0	0.0	0.0	
VMP-49-30	12/22/2016	1340	-8.14	-9.65	0.0	0	10.1	10.2	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-50-5	1/29/2015	1400	0.00	0.00	0.0	0	0.3	20.8	1.4	2.3	0.0	2.3	
VMP-50-5	2/26/2015	1500	-0.17	-0.24	0.0	0	0.4	20.7	0.3	1.2	0.0	1.2	
VMP-50-5	3/26/2015	1525	0.00	0.00	0.0	0	0.3	20.1	0.7	0.9	0.0	0.9	
VMP-50-5	4/23/2015	1400	0.00	0.00	0.0	0	0.8	20.1	0.7	1.5	0.0	1.5	
VMP-50-5	5/21/2015	1400	0.00	0.00	0.0	0	1.5	18.5	0.9	1.2	0.0	1.2	
VMP-50-5	6/18/2015	1030	0.00	0.00	0.0	0	2.4	17.5	0.4	2.2	0.0	2.2	
VMP-50-5	7/23/2015	1355	0.00	0.00	0.0	0	2.1	18.7	0.5	0.7	0.0	0.7	
VMP-50-5	8/20/2015	1400	0.00	0.00	0.0	0	2.0	19.2	0.3	0.0	0.0	0.0	
VMP-50-5	9/17/2015	1345	0.00	0.00	0.0	0	1.4	19.4	0.2	0.0	0.0	0.0	
VMP-50-5	10/22/2015	1340	0.00	0.00	0.0	0	0.9	20.1	0.3	0.0	0.0	0.0	
VMP-50-5	11/24/2015	1256	0.00	0.00	0.0	0	0.7	20.3	0.2	0.0	0.0	0.0	
VMP-50-5	12/18/2015	1050	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-50-5	1/22/2016	1246	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-50-5	2/18/2016	1051	-0.11	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-50-5	3/14/2016	0956	0.00	NM	0.0	0	0.3	20.2	0.2	0.0	0.0	0.0	
VMP-50-5	3/23/2016	1350	0.00	0.00	0.0	0	0.4	20.0	0.3	0.0	0.0	0.0	
VMP-50-5	3/28/2016	1445	0.00	NM	0.0	0	0.5	20.1	0.2	0.0	0.0	0.0	
VMP-50-5	4/20/2016	1515	-0.03	-0.04	0.0	0	0.8	19.2	0.1	0.0	0.0	0.0	
VMP-50-5	5/18/2016	1610	0.00	-0.02	0.0	0	1.8	18.3	0.4	0.0	0.0	0.0	
VMP-50-5	6/22/2016	1125	0.00	0.00	0.0	0	5.0	14.3	0.5	0.0	0.0	0.0	
VMP-50-5	7/22/2016	0900	0.00	0.00	0.0	0	5.8	15.7	0.2	0.0	0.0	0.0	
VMP-50-5	8/25/2016	1315	0.00	0.00	0.0	0	5.6	14.2	0.5	0.0	0.0	0.0	
VMP-50-5	9/22/2016	1138	0.00	0.00	0.0	0	6.0	13.6	0.1	0.0	0.0	0.0	
VMP-50-5	10/21/2016	1230	0.00	0.00	0.0	0	4.6	15.5	0.0	0.0	0.0	0.0	
VMP-50-5	11/17/2016	0959	0.00	0.00	0.0	0	3.2	17.3	0.2	0.0	0.0	0.0	
VMP-50-5	12/5/2016	1005	0.00	NM	0.0	0	2.6	18.4	0.1	0.0	0.0	0.0	
VMP-50-5	12/22/2016	1446	0.00	0.27	0.0	0	1.3	19.7	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-50-10	1/29/2015	1405	-0.11	-0.14	0.0	0	0.4	20.7	1.6	0.9	0.0	0.9	
VMP-50-10-Dup	1/29/2015	1405	NM	NM	0.0	0	0.4	20.6	1.6	0.2	0.0	0.2	Duplicate sample.
VMP-50-10	2/26/2015	1500	-0.16	-0.20	0.0	0	0.4	20.7	0.3	0.5	0.0	0.5	
VMP-50-10	3/26/2015	1525	-0.10	-0.12	0.0	0	0.4	20.5	0.8	0.6	0.0	0.6	
VMP-50-10	4/23/2015	1405	-0.12	0.00	0.0	0	0.7	20.2	1.3	1.9	0.0	1.9	
VMP-50-10-Dup	4/23/2015	1405	NM	NM	0.0	0	0.8	20.1	1.3	1.5	0.0	1.5	Duplicate sample.
VMP-50-10	5/21/2015	1405	0.00	0.00	0.0	0	1.3	19.1	0.9	3.1	0.0	3.1	
VMP-50-10	6/18/2015	1034	-0.13	-0.09	0.0	0	1.9	18.9	0.5	2.8	0.0	2.8	
VMP-50-10	7/23/2015	1359	0.00	-0.17	0.0	0	2.0	18.8	0.6	0.8	0.0	0.8	
VMP-50-10-Dup	7/23/2015	1359	NM	NM	0.0	0	2.0	18.6	0.6	0.7	0.0	0.7	Duplicate Sample.
VMP-50-10	8/20/2015	1405	-0.13	0.00	0.0	0	2.3	18.7	0.2	0.0	0.0	0.0	
VMP-50-10	9/17/2015	1350	0.00	-0.12	0.0	0	2.0	18.9	0.2	0.0	0.0	0.0	
VMP-50-10	10/22/2015	1345	0.00	0.00	0.0	0	1.4	19.7	0.2	0.0	0.0	0.0	
VMP-50-10	11/24/2015	1301	-0.12	-0.15	0.0	0	0.9	20.2	0.3	0.0	0.0	0.0	
VMP-50-10	12/18/2015	1055	-0.10	-0.21	0.0	0	0.7	20.4	0.1	0.0	0.0	0.0	
VMP-50-10	1/22/2016	1251	0.00	-0.10	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-50-10	2/18/2016	1056	-0.14	0.00	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-50-10	3/14/2016	1001	0.00	NM	0.0	0	0.5	20.2	0.3	0.0	0.0	0.0	
VMP-50-10	3/23/2016	1355	0.00	0.00	0.0	0	0.5	19.9	0.4	0.0	0.0	0.0	
VMP-50-10	3/28/2016	1450	0.00	NM	0.0	0	0.6	19.8	0.2	0.0	0.0	0.0	
VMP-50-10	4/20/2016	1520	0.00	-0.03	0.0	0	0.8	19.3	0.1	0.0	0.0	0.0	
VMP-50-10	5/18/2016	1615	-0.04	-0.05	0.0	0	1.3	19.4	0.5	0.0	0.0	0.0	
VMP-50-10	6/22/2016	1130	0.00	0.00	0.0	0	2.4	16.4	0.4	0.0	0.0	0.0	
VMP-50-10	7/22/2016	0901	0.00	0.00	0.0	0	3.6	15.6	0.6	0.0	0.0	0.0	
VMP-50-10	8/25/2016	1316	0.00	0.00	0.0	0	4.8	14.3	0.4	0.0	0.0	0.0	
VMP-50-10	9/22/2016	1139	0.00	0.00	0.0	0	5.2	13.9	0.3	0.0	0.0	0.0	
VMP-50-10	10/21/2016	1233	0.00	0.00	0.0	0	5.2	14.2	0.1	0.0	0.0	0.0	
VMP-50-10	11/17/2016	1000	0.00	0.00	0.0	0	4.7	15.3	0.2	0.0	0.0	0.0	
VMP-50-10	12/5/2016	1006	0.00	NM	0.0	0	4.2	16.2	0.2	0.0	0.0	0.0	
VMP-50-10	12/22/2016	1449	0.00	-0.16	0.0	0	3.4	17.3	0.1	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-50-20	1/29/2015	1410	-0.94	-1.06	0.0	0	1.5	20.3	1.9	0.9	0.0	0.9	
VMP-50-20	2/26/2015	1500	-1.04	-1.04	0.0	0	1.2	20.4	0.3	0.9	0.0	0.9	
VMP-50-20	3/26/2015	1526	-0.95	-0.97	0.0	0	1.2	20.4	0.8	0.7	0.0	0.7	
VMP-50-20	4/23/2015	1410	-0.85	-0.80	0.0	0	1.2	20.0	1.3	2.0	0.0	2.0	
VMP-50-20	5/21/2015	1410	-0.80	-0.84	0.0	0	1.5	19.0	0.8	2.2	0.0	2.2	
VMP-50-20	6/18/2015	1038	-0.97	-0.95	0.0	0	2.0	18.9	0.6	2.2	0.0	2.2	
VMP-50-20	7/23/2015	1403	-0.69	-0.80	0.0	0	2.3	18.7	0.7	0.4	0.0	0.4	
VMP-50-20	8/20/2015	1410	-0.79	-0.66	0.0	0	2.6	18.3	0.2	0.0	0.0	0.0	
VMP-50-20	9/17/2015	1355	-0.65	-0.74	0.0	0	2.4	18.5	0.0	0.0	0.0	0.0	
VMP-50-20-Dup	9/17/2015	1400	NM	NM	0.0	0	2.2	18.7	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-50-20	10/22/2015	1350	-0.74	-0.68	0.0	0	2.4	19.3	0.3	0.0	0.0	0.0	
VMP-50-20	11/24/2015	1306	-0.88	-0.92	0.0	0	2.0	19.8	0.4	0.0	0.0	0.0	
VMP-50-20	12/18/2015	1100	0.00	0.00	0.0	0	1.7	19.8	0.1	0.0	0.0	0.0	
VMP-50-20	1/22/2016	1256	-0.35	-0.29	0.0	0	0.5	20.1	0.0	0.0	0.0	0.0	
VMP-50-20	2/18/2016	1101	-0.92	-0.75	0.0	0	1.0	20.3	0.3	0.0	0.0	0.0	
VMP-50-20	3/14/2016	1006	-0.09	NM	0.0	0	2.4	19.5	0.2	0.0	0.0	0.0	
VMP-50-20	3/23/2016	1400	0.00	0.00	0.0	0	2.2	19.3	0.3	0.0	0.0	0.0	
VMP-50-20	3/28/2016	1455	-0.10	NM	0.0	0	2.4	19.5	0.3	0.0	0.0	0.0	
VMP-50-20	4/20/2016	1525	0.05	-0.02	0.0	0	2.6	18.8	0.2	0.0	0.0	0.0	
VMP-50-20	5/18/2016	1620	-0.28	-0.30	0.0	0	2.1	18.7	0.4	0.0	0.0	0.0	
VMP-50-20	6/22/2016	1135	-0.11	-0.09	0.0	0	2.3	17.2	0.5	0.0	0.0	0.0	
VMP-50-20	7/22/2016	0902	0.00	0.00	0.0	0	2.6	16.7	0.2	0.0	0.0	0.0	
VMP-50-20	8/25/2016	1317	-0.17	-0.16	0.0	0	3.6	15.0	0.3	0.0	0.0	0.0	
VMP-50-20	9/22/2016	1140	0.00	0.00	0.0	0	4.2	14.9	0.1	0.0	0.0	0.0	
VMP-50-20	10/21/2016	1235	0.00	0.00	0.0	0	4.9	14.1	0.2	0.0	0.0	0.0	
VMP-50-20	11/17/2016	1001	0.00	0.00	0.0	0	5.4	14.3	0.3	0.0	0.0	0.0	
VMP-50-20	12/5/2016	1007	0.09	NM	0.0	0	5.8	14.3	0.2	0.0	0.0	0.0	
VMP-50-20	12/22/2016	1452	-1.10	-0.75	0.0	0	5.6	15.6	0.1	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-50-30	1/29/2015	1415	-0.28	-4.50	3.5	70	2.1	19.0	588	3859	21.1	3838	
VMP-50-30	2/26/2015	1500	-4.33	-4.35	2.4	48	2.2	18.9	465	2756	24.1	2732	
VMP-50-30	3/26/2015	1526	-4.12	-4.20	2.1	43	1.9	19.4	559	2280	69.0	2211	
VMP-50-30	4/23/2015	1415	-3.90	-3.84	1.8	36	1.7	18.9	514	2556	15.9	2540	
VMP-50-30	5/21/2015	1415	-4.55	-4.52	1.0	20	1.1	19.4	355	1718	23.8	1694	
VMP-50-30	6/18/2015	1042	-4.68	-4.86	1.2	24	1.4	19.6	286	1631	11.4	1620	
VMP-50-30	7/23/2015	1407	-4.69	-4.75	1.8	36	2.1	19.0	399	2493	36.1	2457	
VMP-50-30	8/20/2015	1415	-5.17	-5.03	0.6	12	1.3	19.7	244	1007	6.8	1000	
VMP-50-30	9/17/2015	1405	-5.57	-5.17	0.8	16	1.5	19.7	299	1382	9.2	1373	
VMP-50-30	10/22/2015	1355	-5.06	-5.05	0.6	12	1.4	19.9	301	1127	8.5	1119	
VMP-50-30	11/24/2015	1311	-5.86	-5.94	0.4	8	1.0	20.2	173	667	2.8	664	
VMP-50-30	12/18/2015	1105	-0.48	-0.39	0.7	15	1.6	19.1	247	1077	5.3	1072	
VMP-50-30	1/22/2016	1301	-0.38	-1.44	0.4	8	1.6	19.6	148	636	24.1	612	
VMP-50-30	2/18/2016	1144	-6.47	-5.89	0.4	8	1.3	19.7	151	599	3.9	595	
VMP-50-30	3/14/2016	1012	-3.65	NM	0.5	10	1.2	19.9	176	754	5.9	748	
VMP-50-30	3/23/2016	1405	-5.88	-5.80	0.2	4	0.7	20.1	51.6	277	2.1	275	
VMP-50-30	3/28/2016	1500	-6.04	NM	0.5	10	1.3	19.7	292	947	26.1	921	
VMP-50-30	4/20/2016	1530	0.11	0.07	0.5	11	1.8	19.4	181	927	33.5	894	
VMP-50-30	5/18/2016	1625	-7.61	-7.65	0.2	4	0.7	20.3	80.4	323	3.5	320	
VMP-50-30	6/22/2016	1140	-4.11	-4.04	0.0	1	0.7	19.6	14.2	205	115	90.0	
VMP-50-30	7/22/2016	0903	-2.91	-2.31	0.2	4	1.7	19.1	27.9	693	524	169	
VMP-50-30	8/25/2016	1318	-5.08	-5.01	0.3	7	2.2	18.5	117	436	11.9	424	
VMP-50-30	9/22/2016	1141	-1.94	-1.99	0.2	4	1.7	19.1	58.8	262	15.5	247	
VMP-50-30	10/21/2016	1238	-3.95	-3.78	0.1	2	1.7	19.3	44.4	218	22.5	196	
VMP-50-30	11/17/2016	1002	-1.65	-1.51	0.3	6	2.3	18.8	69.4	366	78.3	288	
VMP-50-30	12/5/2016	1008	0.12	NM	0.5	11	2.2	18.2	49.6	2150	1712	438	
VMP-50-30	12/22/2016	1454	4.30	3.73	0.0	1	1.5	19.5	10.2	207	159	48.0	Initial vacuum measured at -3.70 inwc on 12/28/2016.
VMP-50-30-Dup	12/22/2016	1454	NM	NM	0.1	2	2.0	19.2	23.8	293	178	115	Duplicate sample.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-51-5	1/29/2015	1436	0.00	0.00	0.0	0	0.1	20.9	1.1	1.2	0.0	1.2	
VMP-51-5	2/26/2015	1516	-0.11	0.00	0.0	0	0.2	20.9	0.4	1.5	0.0	1.5	
VMP-51-5	3/26/2015	1339	0.00	0.00	0.0	0	0.3	20.5	0.5	0.9	0.0	0.9	
VMP-51-5	4/23/2015	1505	-0.11	0.00	0.0	0	0.4	20.7	0.7	2.4	0.0	2.4	
VMP-51-5	5/21/2015	1255	0.00	-0.10	0.0	0	0.8	20.4	0.3	2.4	0.0	2.4	
VMP-51-5	6/18/2015	0943	-0.42	0.00	0.0	0	1.3	19.2	0.4	1.8	0.0	1.8	
VMP-51-5	7/22/2015	1448	0.00	-0.11	0.0	0	0.4	20.6	0.5	0.0	0.0	0.0	
VMP-51-5	8/20/2015	1110	0.00	0.00	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	
VMP-51-5	9/17/2015	1015	0.00	0.00	0.0	0	0.3	20.7	0.7	0.0	0.0	0.0	
VMP-51-5	10/22/2015	1005	0.00	-0.09	0.0	0	0.1	20.7	0.5	0.8	0.0	0.8	
VMP-51-5	11/24/2015	1200	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-51-5	12/18/2015	0935	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-51-5	1/21/2016	1455	-0.79	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-51-5	2/18/2016	1128	-0.20	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-51-5	3/23/2016	0825	-0.17	-0.16	0.0	0	0.1	20.9	0.3	0.0	0.0	0.0	
VMP-51-5	4/21/2016	1345	0.00	0.00	0.0	0	0.3	20.3	0.0	0.0	0.0	0.0	
VMP-51-5	5/18/2016	1435	-0.15	0.00	0.0	0	0.3	20.7	0.5	0.5	0.0	0.5	
VMP-51-5	6/22/2016	0930	0.00	0.00	0.0	0	0.3	20.6	0.5	0.6	0.0	0.6	
VMP-51-5	7/21/2016	1540	0.00	0.00	0.0	0	0.7	20.0	0.6	0.0	0.0	0.0	
VMP-51-5	8/25/2016	1025	-0.10	0.00	0.0	0	0.8	20.4	0.2	0.0	0.0	0.0	
VMP-51-5	9/22/2016	1017	0.00	0.00	0.0	0	0.8	20.3	0.1	0.0	0.0	0.0	
VMP-51-5	10/21/2016	1034	0.00	0.00	0.0	0	0.5	20.4	0.2	0.0	0.0	0.0	
VMP-51-5	11/17/2016	0828	0.00	0.00	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-51-5	12/22/2016	1402	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-51-10	1/29/2015	1438	-0.19	-0.21	0.0	0	0.2	20.9	1.4	0.8	0.0	0.8	
VMP-51-10	2/26/2015	1516	-0.26	-0.26	0.0	0	0.2	20.8	0.8	0.9	0.0	0.9	
VMP-51-10	3/26/2015	1339	-0.20	-0.16	0.0	0	0.4	20.4	0.4	0.7	0.0	0.7	
VMP-51-10	4/23/2015	1510	-0.26	-0.20	0.0	0	0.6	20.6	1.3	2.6	0.0	2.6	
VMP-51-10	5/21/2015	1300	-0.22	-0.26	0.0	0	1.1	20.0	0.3	1.1	0.0	1.1	
VMP-51-10	6/18/2015	0947	-0.28	-0.23	0.0	0	1.6	19.1	0.3	0.9	0.0	0.9	
VMP-51-10-Dup	6/18/2015	0947	NM	NM	0.0	0	1.6	19.1	0.3	1.0	0.0	1.0	Duplicate sample.
VMP-51-10	7/22/2015	1452	-0.24	-0.26	0.0	0	0.9	20.1	0.5	0.0	0.0	0.0	
VMP-51-10	8/20/2015	1115	-0.27	-0.25	0.0	0	1.3	19.8	0.4	0.0	0.0	0.0	
VMP-51-10	9/17/2015	1020	-0.25	-0.14	0.0	0	0.6	20.4	0.6	0.0	0.0	0.0	
VMP-51-10	10/22/2015	1010	-0.16	-0.40	0.0	0	0.2	20.7	0.5	0.3	0.0	0.3	
VMP-51-10	11/24/2015	1205	-0.25	-0.21	0.0	0	0.3	20.8	0.2	0.0	0.0	0.0	
VMP-51-10	12/18/2015	0940	-0.14	0.00	0.0	0	0.1	20.5	0.1	0.0	0.0	0.0	
VMP-51-10	1/21/2016	1456	-0.12	-0.21	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-51-10	2/18/2016	1134	-0.19	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-51-10	3/23/2016	0830	-0.35	-0.35	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-51-10	4/21/2016	1350	-0.20	-0.21	0.0	0	0.4	20.4	0.1	0.0	0.0	0.0	
VMP-51-10	5/18/2016	1440	-0.35	-0.35	0.0	0	0.6	20.3	0.5	0.0	0.0	0.0	
VMP-51-10	6/22/2016	0935	-0.17	-0.13	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	
VMP-51-10	7/21/2016	1541	0.00	0.00	0.0	0	1.3	19.1	0.5	0.0	0.0	0.0	
VMP-51-10	8/25/2016	1026	-0.25	-0.10	0.0	0	1.1	20.0	0.3	0.0	0.0	0.0	
VMP-51-10	9/22/2016	1018	0.00	0.00	0.0	0	1.4	19.8	0.0	0.0	0.0	0.0	
VMP-51-10	10/21/2016	1037	-0.17	-0.17	0.0	0	0.9	19.9	0.2	0.0	0.0	0.0	
VMP-51-10	11/17/2016	0829	0.00	0.00	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-51-10	12/22/2016	1405	0.24	0.19	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-51-20	1/29/2015	1440	-0.51	-0.59	0.0	0	0.7	20.5	1.3	0.1	0.0	0.1	
VMP-51-20	2/26/2015	1516	-0.58	-0.58	0.0	0	0.6	20.7	0.4	0.3	0.0	0.3	
VMP-51-20	3/26/2015	1339	-0.49	-0.42	0.0	0	0.5	20.7	0.6	0.4	0.0	0.4	
VMP-51-20	4/23/2015	1515	-0.60	-0.58	0.0	0	0.4	20.4	1.1	1.6	0.0	1.6	
VMP-51-20	5/21/2015	1305	-0.64	-0.68	0.0	0	0.7	19.8	0.4	0.9	0.0	0.9	
VMP-51-20	6/18/2015	0951	-0.68	-0.68	0.0	0	1.3	19.5	0.6	0.0	0.0	0.0	
VMP-51-20	7/22/2015	1456	-0.62	-0.63	0.0	0	1.7	19.4	0.4	0.0	0.0	0.0	
VMP-51-20	8/20/2015	1120	-0.71	-0.67	0.0	0	1.6	19.2	0.3	0.0	0.0	0.0	
VMP-51-20	9/17/2015	1030	-0.62	-0.48	0.0	0	1.4	19.9	0.4	0.0	0.0	0.0	
VMP-51-20	10/22/2015	1015	-0.48	-0.56	0.0	0	0.9	20.3	0.6	0.0	0.0	0.0	
VMP-51-20	11/24/2015	1210	-0.58	-0.52	0.0	0	0.5	20.6	0.3	0.0	0.0	0.0	
VMP-51-20	12/18/2015	0945	-0.25	-0.15	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-51-20	1/21/2016	1501	-0.37	-0.40	0.0	0	0.4	20.4	0.1	0.0	0.0	0.0	
VMP-51-20	2/18/2016	1139	-0.50	-0.25	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	
VMP-51-20	3/23/2016	0835	-0.83	-0.82	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-51-20	4/21/2016	1355	-0.53	-0.49	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-51-20	5/18/2016	1445	-0.88	-0.84	0.0	0	0.8	20.1	0.5	0.0	0.0	0.0	
VMP-51-20	6/22/2016	0940	-0.45	-0.35	0.0	0	1.1	19.7	0.5	0.0	0.0	0.0	
VMP-51-20	8/25/2016	1027	-0.62	-0.43	0.0	0	1.6	19.3	0.7	0.0	0.0	0.0	
VMP-51-20	9/22/2016	1019	-0.13	-0.13	0.0	0	1.8	19.2	0.1	0.0	0.0	0.0	
VMP-51-20	10/21/2016	1039	-0.46	-0.45	0.0	0	2.0	19.0	0.0	0.0	0.0	0.0	
VMP-51-20	11/17/2016	0830	0.00	-0.16	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	
VMP-51-20	12/22/2016	1408	0.32	0.54	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	Initial vacuum measured at -0.31 inwc on 12/28/2016.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-51-30	1/29/2015	1442	-0.55	-0.61	0.0	0	1.2	20.2	2.4	0.4	0.0	0.4	
VMP-51-30	2/26/2015	1516	-0.64	-0.59	0.0	0	1.0	20.3	0.6	0.2	0.0	0.2	
VMP-51-30	3/26/2015	1340	-0.51	-0.44	0.0	0	0.5	20.8	0.7	0.9	0.0	0.9	
VMP-51-30	4/23/2015	1520	-0.61	-0.61	0.0	0	0.8	19.8	1.2	1.4	0.0	1.4	
VMP-51-30	5/21/2015	1310	-0.37	-0.68	0.0	0	0.8	20.0	0.1	1.8	0.0	1.8	
VMP-51-30	6/18/2015	0955	-0.16	-0.64	0.0	0	0.0	20.9	0.6	2.2	0.0	2.2	
VMP-51-30	7/22/2015	1500	-0.57	-0.46	0.0	0	0.7	20.2	0.3	0.0	0.0	0.0	
VMP-51-30	8/20/2015	1125	-0.64	-0.34	0.0	0	1.5	19.4	0.2	0.0	0.0	0.0	
VMP-51-30-Dup	8/20/2015	1125	NM	NM	0.0	0	1.5	19.4	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-51-30	9/17/2015	1030	-0.65	-0.38	0.0	0	1.2	19.8	0.5	0.0	0.0	0.0	
VMP-51-30-Dup	9/17/2015	1030	NM	NM	0.0	0	1.7	19.3	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-51-30	10/22/2015	1020	0.00	0.00	0.0	0	0.1	20.7	0.6	0.7	0.0	0.7	
VMP-51-30	11/24/2015	1215	-0.18	-0.52	0.0	0	0.9	20.4	0.3	0.0	0.0	0.0	
VMP-51-30	12/18/2015	0950	0.00	-0.15	0.0	0	0.6	20.5	0.1	0.0	0.0	0.0	
VMP-51-30-Dup	12/18/2015	0950	NM	NM	0.0	0	0.5	20.6	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-51-30-Dup	12/18/2015	0951	NM	NM	0.0	0	0.5	20.6	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-51-30	1/21/2016	1506	-0.30	-0.40	0.0	0	0.9	20.1	0.2	0.0	0.0	0.0	
VMP-51-30	2/18/2016	1144	-0.33	-0.22	0.0	0	0.7	20.2	0.4	0.0	0.0	0.0	
VMP-51-30	3/23/2016	0840	-0.11	-0.86	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	
VMP-51-30	4/21/2016	1400	-0.55	-0.54	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-51-30	5/18/2016	1450	-0.91	-0.86	0.0	0	1.0	19.9	0.4	0.0	0.0	0.0	
VMP-51-30	6/22/2016	0945	-0.47	-0.37	0.0	0	1.2	19.5	0.4	0.0	0.0	0.0	
VMP-51-30	7/21/2016	1543	-0.21	-0.19	0.0	0	1.5	19.2	0.1	0.0	0.0	0.0	
VMP-51-30	8/25/2016	1028	-0.64	-0.44	0.0	0	1.8	19.1	0.4	0.0	0.0	0.0	
VMP-51-30	9/22/2016	1020	-0.10	-0.09	0.0	0	2.1	18.9	0.0	0.0	0.0	0.0	
VMP-51-30	10/21/2016	1042	-0.47	-0.45	0.0	0	2.3	18.9	0.0	0.0	0.0	0.0	
VMP-51-30	11/17/2016	0831	0.00	-0.12	0.0	0	2.2	19.0	0.1	0.0	0.0	0.0	
VMP-51-30-Dup	11/17/2016	0831	NM	NM	0.0	0	2.2	19.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-51-30	12/22/2016	1411	0.22	-6.27	0.0	0	1.9	19.3	0.0	0.0	0.0	0.0	Initial vacuum measured at -0.50 inwc on 12/28/2016.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-52-5	1/29/2015	1136	0.00	0.00	0.0	0	1.4	19.8	0.6	0.5	0.0	0.5	
VMP-52-5	2/27/2015	1359	0.00	0.00	0.0	0	1.2	20.0	0.7	1.0	0.0	1.0	
VMP-52-5	3/26/2015	1122	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged
VMP-52-5	4/22/2015	1520	-0.22	0.00	0.0	0	2.2	17.8	0.9	0.2	0.0	0.2	
VMP-52-5	5/21/2015	1015	0.00	0.00	0.0	0	3.1	16.2	0.7	0.8	0.0	0.8	
VMP-52-5	6/17/2015	1331	0.00	0.00	0.0	0	4.5	12.4	0.5	0.0	0.0	0.0	
VMP-52-5	7/22/2015	1410	0.00	0.00	0.0	0	7.5	12.0	0.3	0.0	0.0	0.0	
VMP-52-5	8/20/2015	0935	0.00	0.00	0.0	0	5.3	14.0	0.3	0.0	0.0	0.0	
VMP-52-5	9/17/2015	0920	0.00	0.00	0.0	0	5.4	17.1	0.6	0.0	0.0	0.0	
VMP-52-5	10/22/2015	0858	0.00	0.00	0.0	0	2.0	19.6	0.8	0.0	0.0	0.0	
VMP-52-5	11/24/2015	1008	0.00	0.00	0.0	0	1.0	18.4	0.2	0.0	0.0	0.0	
VMP-52-5	12/17/2015	1150	-0.22	0.00	0.0	0	0.3	19.3	0.2	0.0	0.0	0.0	
VMP-52-5	1/21/2016	1357	-0.20	0.00	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-52-5	2/18/2016	1155	0.00	0.00	0.0	0	0.5	20.3	0.2	0.0	0.0	0.0	
VMP-52-5	3/23/2016	1000	0.00	0.00	0.0	0	0.7	20.0	0.2	0.0	0.0	0.0	
VMP-52-5	4/21/2016	1415	-0.03	0.00	0.0	0	1.0	19.3	0.3	0.0	0.0	0.0	
VMP-52-5	5/18/2016	1315	-0.04	0.03	0.0	0	1.8	18.4	1.0	0.0	0.0	0.0	
VMP-52-5	6/22/2016	0845	0.00	0.00	0.0	0	3.9	16.9	0.4	0.0	0.0	0.0	
VMP-52-5	7/21/2016	0900	0.00	0.00	0.0	0	3.3	11.7	0.2	0.0	0.0	0.0	
VMP-52-5	8/24/2016	1605	0.00	0.00	0.0	0	5.7	14.0	0.3	0.0	0.0	0.0	
VMP-52-5	9/22/2016	0912	0.00	0.00	0.0	0	4.8	14.0	0.2	0.0	0.0	0.0	
VMP-52-5	10/21/2016	0929	-0.20	0.00	0.0	0	2.1	18.0	0.0	0.0	0.0	0.0	
VMP-52-5	11/16/2016	1359	0.00	0.00	0.0	0	2.6	18.5	0.3	0.0	0.0	0.0	
VMP-52-5	12/22/2016	0907	-0.21	-0.28	0.0	0	1.3	20.3	0.1	1.3	1.3	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-52-10	1/29/2015	1142	0.00	0.00	0.0	0	4.9	16.1	0.7	1.2	0.0	1.2	
VMP-52-10	2/27/2015	1359	0.00	0.00	0.0	0	4.4	17.8	0.7	0.5	0.0	0.5	
VMP-52-10	3/26/2015	1122	0.00	0.00	0.0	0	2.3	18.7	0.7	0.2	0.0	0.2	
VMP-52-10	4/22/2015	1521	0.00	0.00	0.0	0	3.2	17.6	0.9	0.1	0.0	0.1	
VMP-52-10	5/21/2015	1020	0.00	0.00	0.0	0	4.3	16.5	0.6	1.1	0.0	1.1	
VMP-52-10	6/17/2015	1335	0.00	0.00	0.0	0	4.3	15.3	0.5	0.0	0.0	0.0	
VMP-52-10	7/22/2015	1414	0.00	0.00	0.0	0	6.1	11.8	0.4	0.0	0.0	0.0	
VMP-52-10	8/20/2015	0940	0.00	0.00	0.0	0	6.7	12.4	0.4	0.0	0.0	0.0	
VMP-52-10	9/17/2015	0925	0.00	0.00	0.0	0	7.8	13.3	0.5	0.0	0.0	0.0	
VMP-52-10	10/22/2015	0903	0.00	0.00	0.0	0	7.0	17.0	0.8	0.0	0.0	0.0	
VMP-52-10	11/24/2015	1013	0.00	0.00	0.0	0	6.2	18.1	0.3	0.0	0.0	0.0	
VMP-52-10	12/17/2015	1155	0.00	0.00	0.0	0	3.9	18.0	0.3	0.0	0.0	0.0	
VMP-52-10	1/21/2016	1402	-0.18	0.00	0.0	0	3.7	17.3	0.1	0.0	0.0	0.0	
VMP-52-10	2/18/2016	1200	0.00	-0.34	0.0	0	3.7	18.6	0.2	0.5	0.0	0.5	
VMP-52-10	3/23/2016	1005	-0.10	0.00	0.0	0	3.1	18.8	0.4	0.0	0.0	0.0	
VMP-52-10	4/21/2016	1420	0.06	0.05	0.0	0	3.1	18.6	0.4	0.0	0.0	0.0	
VMP-52-10	5/18/2016	1320	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield purge volume.
VMP-52-10	6/22/2016	0850	0.00	0.00	0.0	0	3.7	15.3	0.4	0.0	0.0	0.0	
VMP-52-10	7/21/2016	0901	-0.09	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield purge volume.
VMP-52-10	8/24/2016	1606	0.00	0.00	0.0	0	4.9	11.5	0.3	0.0	0.0	0.0	
VMP-52-10	9/22/2016	0913	0.00	0.00	0.0	0	4.9	10.7	0.1	0.0	0.0	0.0	
VMP-52-10	10/21/2016	0932	0.00	0.00	0.0	0	4.2	13.0	0.0	0.0	0.0	0.0	
VMP-52-10	11/16/2016	1400	0.00	0.00	0.0	0	6.5	14.1	0.1	0.0	0.0	0.0	
VMP-52-10	12/22/2016	0910	-0.45	-0.25	0.0	0	5.5	18.6	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-52-20	1/29/2015	1147	-0.42	-0.51	0.0	0	5.0	16.3	0.6	0.3	0.0	0.3	
VMP-52-20	2/27/2015	1359	0.00	-0.65	0.0	0	4.6	16.5	0.8	1.2	0.0	1.2	
VMP-52-20	3/26/2015	1123	-0.16	-0.56	0.0	0	4.3	16.5	0.8	0.9	0.0	0.9	
VMP-52-20	4/22/2015	1522	-0.13	-0.73	0.0	0	3.8	17.3	0.7	0.4	0.0	0.4	
VMP-52-20	5/21/2015	1025	-0.18	-0.19	0.0	0	2.9	17.4	0.6	1.0	0.0	1.0	
VMP-52-20	6/17/2015	1339	-0.27	-0.25	0.0	0	2.8	17.9	0.5	0.0	0.0	0.0	
VMP-52-20	7/22/2015	1418	-0.27	-0.14	0.0	0	3.4	16.9	0.3	0.0	0.0	0.0	
VMP-52-20	8/20/2015	0945	-0.26	-0.32	0.0	0	3.8	16.5	0.6	0.0	0.0	0.0	
VMP-52-20	9/17/2015	0930	0.00	0.00	0.0	0	4.1	16.2	0.5	0.0	0.0	0.0	
VMP-52-20	10/22/2015	0908	-0.12	-0.17	0.0	0	4.7	16.0	0.7	0.0	0.0	0.0	
VMP-52-20	11/24/2015	1018	-0.23	-0.17	0.0	0	5.0	17.1	0.2	0.0	0.0	0.0	
VMP-52-20	12/17/2015	1200	0.00	0.00	0.0	0	4.5	17.3	0.3	0.0	0.0	0.0	
VMP-52-20	1/21/2016	1407	0.00	-0.75	0.0	0	4.0	17.5	0.2	0.0	0.0	0.0	
VMP-52-20	2/18/2016	1205	0.00	0.23	0.0	0	3.5	17.4	0.4	0.0	0.0	0.0	
VMP-52-20	3/23/2016	1005	-0.14	-0.60	0.0	0	3.0	18.3	0.3	0.0	0.0	0.0	
VMP-52-20	4/21/2016	1425	0.03	-0.44	0.0	0	2.9	18.7	0.4	0.0	0.0	0.0	
VMP-52-20	5/18/2016	1325	0.00	-0.03	0.0	0	2.4	19.1	0.5	0.0	0.0	0.0	
VMP-52-20	6/22/2016	0855	0.00	0.00	0.0	0	2.3	18.0	0.6	0.0	0.0	0.0	
VMP-52-20	7/21/2016	0902	-0.23	-0.16	0.0	0	2.8	17.6	0.2	0.0	0.0	0.0	
VMP-52-20	8/24/2016	1607	0.00	-0.17	0.0	0	3.1	17.4	0.3	0.0	0.0	0.0	
VMP-52-20	9/22/2016	0914	-0.10	0.00	0.0	0	3.6	16.8	0.2	0.0	0.0	0.0	
VMP-52-20	10/21/2016	0935	-0.21	0.00	0.0	0	4.0	16.3	0.0	0.0	0.0	0.0	
VMP-52-20	11/16/2016	1401	0.00	0.00	0.0	0	3.9	16.8	0.2	0.0	0.0	0.0	
VMP-52-20	12/22/2016	0912	0.83	0.80	0.0	0	3.3	18.3	0.3	0.0	0.0	0.0	Initial vacuum measured at -0.43 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-52-30	1/29/2015	1152	-0.38	-0.29	0.0	0	5.5	15.5	0.7	0.4	0.0	0.4	
VMP-52-30	2/27/2015	1359	0.00	0.00	0.0	0	5.3	15.7	0.6	1.3	0.0	1.3	
VMP-52-30	3/26/2015	1123	0.00	-0.32	0.0	0	5.1	15.4	0.8	2.0	0.0	2.0	
VMP-52-30	4/22/2015	1523	-0.10	-0.25	0.0	0	4.5	16.2	0.8	0.8	0.0	0.8	
VMP-52-30	5/21/2015	1030	-0.18	-0.18	0.0	0	3.6	16.9	0.6	0.8	0.0	0.8	
VMP-52-30	6/17/2015	1343	-0.27	-0.18	0.0	0	3.5	17.2	0.5	0.0	0.0	0.0	
VMP-52-30	7/22/2015	1422	0.00	-0.14	0.0	0	3.9	16.7	0.2	0.0	0.0	0.0	
VMP-52-30	8/20/2015	0950	-0.26	-0.22	0.0	0	4.1	16.3	0.3	0.0	0.0	0.0	
VMP-52-30	9/17/2015	0940	0.00	0.00	0.0	0	4.4	15.8	0.7	0.0	0.0	0.0	
VMP-52-30-Dup	9/17/2015	0000	NM	NM	0.0	0	4.5	15.7	0.6	0.0	0.0	0.0	Duplicate Sample
VMP-52-30-Dup	9/17/2015	0940	NM	NM	0.0	0	4.5	15.7	0.7	0.0	0.0	0.0	Duplicate sample.
VMP-52-30	10/22/2015	0913	-0.20	-0.17	0.0	0	4.8	15.7	0.5	0.0	0.0	0.0	
VMP-52-30	11/24/2015	1023	-0.23	-0.17	0.0	0	5.2	16.7	0.3	0.0	0.0	0.0	
VMP-52-30-Dup	11/24/2015	1023	NM	NM	0.0	0	5.2	16.5	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-52-30-Dup	11/24/2015	1024	NM	NM	0.0	0	5.2	16.5	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-52-30	12/17/2015	1205	0.00	0.00	0.0	0	4.8	16.9	0.3	0.0	0.0	0.0	
VMP-52-30	1/21/2016	1412	-0.13	-0.42	0.0	0	4.4	17.1	0.1	0.0	0.0	0.0	
VMP-52-30	2/18/2016	1210	0.17	0.32	0.0	0	4.0	17.3	0.5	0.0	0.0	0.0	
VMP-52-30	3/23/2016	1015	0.00	-0.30	0.0	0	3.5	17.9	0.4	0.0	0.0	0.0	
VMP-52-30-Dup	3/23/2016	1015	NM	NM	0.0	0	3.5	18.0	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-52-30	4/21/2016	1430	0.00	0.00	0.0	0	3.4	18.3	0.4	0.0	0.0	0.0	
VMP-52-30	5/18/2016	1330	-0.23	-0.18	0.0	0	2.7	18.4	0.7	0.0	0.0	0.0	
VMP-52-30	6/22/2016	0900	-0.16	0.00	0.0	0	2.5	18.1	0.3	0.0	0.0	0.0	
VMP-52-30-Dup	6/22/2016	0900	NM	NM	0.0	0	2.6	18.0	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-52-30-Dup	6/22/2016	0905	NM	NM	0.0	0	2.6	18.0	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-52-30	7/21/2016	0903	-0.11	-0.17	0.0	0	3.1	17.4	0.2	0.0	0.0	0.0	
VMP-52-30	8/24/2016	1608	0.00	-0.18	0.0	0	3.4	17.1	0.2	0.0	0.0	0.0	
VMP-52-30	9/22/2016	0915	0.00	0.00	0.0	0	3.6	16.7	0.0	0.0	0.0	0.0	
VMP-52-30	10/21/2016	0938	-0.21	-0.19	0.0	0	4.1	16.3	0.0	0.0	0.0	0.0	
VMP-52-30	11/16/2016	1402	0.00	0.00	0.0	0	4.4	15.8	0.2	0.0	0.0	0.0	
VMP-52-30-Dup	11/16/2016	1402	NM	NM	0.0	0	4.4	15.8	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-52-30	12/22/2016	0914	1.04	1.58	0.0	0	4.1	17.2	0.2	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-52-30-Dup	12/22/2016	0914	NM	NM	0.0	0	4.3	17.0	0.1	0.0	0.0	0.0	Duplicate sample.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-53-5	1/30/2015	1135	0.00	0.00	0.0	0	0.3	20.5	0.9	0.8	0.0	0.8	
VMP-53-5	2/27/2015	1447	0.00	0.00	0.0	0	0.3	20.6	1.0	2.1	0.0	2.1	
VMP-53-5	3/26/2015	0926	0.00	0.00	0.0	0	0.4	20.5	0.8	1.3	0.0	1.3	
VMP-53-5	4/22/2015	1452	0.00	0.00	0.0	0	0.8	20.1	0.9	0.4	0.0	0.4	
VMP-53-5	5/21/2015	0900	0.00	0.00	0.0	0	1.1	19.4	0.2	1.2	0.0	1.2	
VMP-53-5	6/17/2015	1112	0.00	0.00	0.0	0	1.7	19.4	0.3	0.0	0.0	0.0	
VMP-53-5	7/22/2015	1330	0.00	0.00	0.0	0	2.2	19.2	0.2	0.0	0.0	0.0	
VMP-53-5	8/19/2015	1510	0.00	0.00	0.0	0	2.2	19.0	0.2	0.0	0.0	0.0	
VMP-53-5	9/16/2015	1430	0.00	0.00	0.0	0	1.5	19.8	0.4	0.0	0.0	0.0	
VMP-53-5	10/21/2015	1515	0.00	0.00	0.0	0	0.8	20.4	0.2	0.0	0.0	0.0	
VMP-53-5	11/24/2015	0925	0.00	0.00	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-53-5	12/16/2015	1318	0.00	0.00	0.0	0	0.4	20.5	0.2	0.0	0.0	0.0	
VMP-53-5	1/22/2016	1107	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-53-5	2/18/2016	1015	0.00	0.00	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-53-5	3/22/2016	1425	0.00	0.00	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	
VMP-53-5	4/21/2016	1030	0.00	-0.02	0.0	0	0.6	20.1	0.4	0.0	0.0	0.0	
VMP-53-5	5/18/2016	1002	0.00	0.00	0.0	0	1.1	19.9	0.4	0.0	0.0	0.0	
VMP-53-5	6/21/2016	1320	-0.25	0.00	0.0	0	1.7	19.5	0.7	0.0	0.0	0.0	
VMP-53-5	7/20/2016	1118	0.00	0.00	0.0	0	1.6	19.1	0.4	0.0	0.0	0.0	
VMP-53-5	8/24/2016	1120	0.00	0.00	0.0	0	2.0	19.0	0.2	0.0	0.0	0.0	
VMP-53-5	9/21/2016	1435	0.00	0.00	0.0	0	1.9	19.3	0.2	0.0	0.0	0.0	
VMP-53-5	10/20/2016	1424	0.00	0.00	0.0	0	1.6	19.8	0.0	0.0	0.0	0.0	
VMP-53-5	11/16/2016	1315	0.00	0.00	0.0	0	1.1	19.9	0.1	0.0	0.0	0.0	
VMP-53-5	12/21/2016	1421	0.00	0.00	0.0	0	1.4	19.6	0.2	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-53-10	1/30/2015	1140	0.00	-0.41	0.0	0	0.3	20.7	1.1	0.4	0.0	0.4	
VMP-53-10	2/27/2015	1447	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well would not yield purge volume. Could not sample.
VMP-53-10	3/26/2015	0926	-0.10	0.00	0.0	0	0.3	20.7	0.8	0.4	0.0	0.4	
VMP-53-10-Dup	3/26/2015	0926	NM	NM	0.0	0	0.3	20.6	0.8	0.4	0.0	0.4	Duplicate Sample
VMP-53-10	4/22/2015	1453	-0.12	0.00	0.0	0	0.6	20.5	0.9	0.0	0.0	0.0	
VMP-53-10	5/21/2015	0905	0.00	0.00	0.0	0	0.9	19.9	0.3	0.6	0.0	0.6	
VMP-53-10	6/17/2015	1116	0.00	0.00	0.0	0	1.3	19.6	0.3	0.0	0.0	0.0	
VMP-53-10	7/22/2015	1334	0.00	0.00	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-53-10	8/19/2015	1515	-0.09	-0.10	0.0	0	1.7	19.4	0.3	0.0	0.0	0.0	
VMP-53-10	9/16/2015	1435	0.00	0.00	0.0	0	1.2	20.0	0.6	0.0	0.0	0.0	
VMP-53-10	10/21/2015	1517	0.00	0.00	0.0	0	0.8	20.3	0.0	0.0	0.0	0.0	
VMP-53-10	11/24/2015	0930	-0.09	0.00	0.0	0	0.4	20.7	0.1	0.0	0.0	0.0	
VMP-53-10	12/16/2015	1319	0.00	0.00	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-53-10	1/22/2016	1112	0.00	0.00	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-53-10	2/18/2016	1020	0.00	-0.17	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-53-10	3/22/2016	1430	0.00	0.00	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-53-10	4/21/2016	1035	-0.02	-0.04	0.0	0	0.5	20.3	0.4	0.0	0.0	0.0	
VMP-53-10	5/18/2016	1007	-0.15	-0.03	0.0	0	0.8	20.0	0.8	0.0	0.0	0.0	
VMP-53-10	6/21/2016	1325	0.00	0.00	0.0	0	0.8	20.2	0.8	0.0	0.0	0.0	
VMP-53-10	7/20/2016	1119	0.00	0.00	0.0	0	1.6	19.4	0.7	0.0	0.0	0.0	
VMP-53-10	8/24/2016	1121	0.00	0.00	0.0	0	1.5	19.5	0.0	0.0	0.0	0.0	
VMP-53-10	9/21/2016	1436	0.00	0.00	0.0	0	1.6	19.5	0.2	0.0	0.0	0.0	
VMP-53-10	10/20/2016	1426	0.00	0.00	0.0	0	1.3	20.1	0.0	0.0	0.0	0.0	
VMP-53-10	11/16/2016	1316	0.00	0.00	0.0	0	1.3	19.7	0.1	0.0	0.0	0.0	
VMP-53-10	12/21/2016	1424	0.00	0.26	0.0	0	1.8	19.1	0.1	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-53-20	1/30/2015	1150	0.00	-0.19	0.0	0	0.5	20.5	1.3	0.7	0.0	0.7	
VMP-53-20	2/27/2015	1447	0.00	0.00	0.0	0	2.4	18.4	0.7	0.5	0.0	0.5	
VMP-53-20	3/26/2015	0926	-0.59	-0.51	0.0	0	0.4	20.5	0.9	0.4	0.0	0.4	
VMP-53-20	4/22/2015	1454	-0.22	-0.29	0.0	0	0.5	20.3	1.0	0.0	0.0	0.0	
VMP-53-20	5/21/2015	0910	-0.38	-0.35	0.0	0	0.8	19.8	0.3	0.7	0.0	0.7	
VMP-53-20-Dup	5/21/2015	0910	NM	NM	0.0	0	0.8	19.8	0.3	0.7	0.0	0.7	Duplicate Sample.
VMP-53-20	6/17/2015	1120	-0.47	-0.48	0.0	0	1.3	19.5	0.3	1.6	0.0	1.6	
VMP-53-20	7/22/2015	1338	-0.24	-0.25	0.0	0	1.7	19.1	0.2	0.0	0.0	0.0	
VMP-53-20	8/19/2015	1520	-0.37	-0.32	0.0	0	2.0	18.9	0.4	0.0	0.0	0.0	
VMP-53-20	9/16/2015	1440	-0.11	-0.14	0.0	0	1.8	19.2	0.2	0.0	0.0	0.0	
VMP-53-20	10/21/2015	1520	-0.17	-0.19	0.0	0	1.5	19.8	0.3	0.0	0.0	0.0	
VMP-53-20	11/24/2015	0935	-0.39	-0.34	0.0	0	0.8	20.4	0.0	0.0	0.0	0.0	
VMP-53-20	12/16/2015	1320	-0.25	-0.34	0.0	0	0.7	20.4	0.2	0.0	0.0	0.0	
VMP-53-20	1/22/2016	1117	-0.35	-0.24	0.0	0	0.8	20.0	0.0	0.0	0.0	0.0	
VMP-53-20	2/18/2016	1025	-0.18	-0.17	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-53-20-Dup	2/18/2016	1025	NM	NM	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-53-20	3/22/2016	1435	0.00	0.00	0.0	0	0.6	20.2	0.2	0.0	0.0	0.0	
VMP-53-20	4/21/2016	1040	-0.18	-0.22	0.0	0	0.8	20.0	0.5	0.0	0.0	0.0	
VMP-53-20	5/18/2016	1012	-0.35	-0.38	0.0	0	0.9	20.1	0.7	0.0	0.0	0.0	
VMP-53-20	6/21/2016	1330	0.00	-0.12	0.0	0	1.2	19.3	0.9	0.0	0.0	0.0	
VMP-53-20	7/20/2016	1120	0.00	0.00	0.0	0	1.7	18.8	0.5	0.0	0.0	0.0	
VMP-53-20	8/24/2016	1122	-0.36	-0.31	0.0	0	1.7	18.9	0.1	0.0	0.0	0.0	
VMP-53-20	9/21/2016	1437	0.00	0.00	0.0	0	2.1	18.6	0.8	0.0	0.0	0.0	
VMP-53-20	10/20/2016	1431	0.00	-0.09	0.0	0	2.5	18.5	0.0	0.0	0.0	0.0	
VMP-53-20	11/16/2016	1317	0.00	0.00	0.0	0	2.5	18.3	0.0	0.0	0.0	0.0	
VMP-53-20	12/21/2016	1426	0.41	0.43	0.0	0	2.7	18.1	0.1	0.0	0.0	0.0	Initial vacuum measured at -0.30 inwc on 12/28/2016.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-53-30	1/30/2015	1155	0.00	-0.13	0.0	0	2.2	19.2	1.4	0.5	0.0	0.5	
VMP-53-30	2/27/2015	1447	-1.75	0.00	0.0	0	0.8	20.1	0.9	1.5	0.0	1.5	
VMP-53-30	3/26/2015	0927	-0.67	-0.31	0.0	0	1.6	19.7	0.8	0.6	0.0	0.6	
VMP-53-30	4/22/2015	1455	-0.12	-0.42	0.0	0	1.5	19.3	0.8	0.3	0.0	0.3	
VMP-53-30	5/21/2015	0915	-0.42	-0.37	0.0	0	1.6	19.2	0.4	0.8	0.0	0.8	
VMP-53-30	6/17/2015	1124	-0.52	-0.51	0.0	0	1.8	19.0	0.8	0.6	0.0	0.6	
VMP-53-30	7/22/2015	1342	-0.24	-0.26	0.0	0	2.3	18.0	0.3	0.0	0.0	0.0	
VMP-53-30	8/19/2015	1525	-0.41	-0.35	0.0	0	2.8	17.7	0.3	0.0	0.0	0.0	
VMP-53-30	9/16/2015	1445	-0.12	-0.15	0.0	0	3.1	17.7	0.5	0.0	0.0	0.0	
VMP-53-30	10/21/2015	1522	-0.19	-0.22	0.0	0	3.0	18.2	0.3	0.0	0.0	0.0	
VMP-53-30-Dup	10/21/2015	1522	NM	NM	0.0	0	3.2	17.9	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-53-30	11/24/2015	0940	-0.42	-0.37	0.0	0	2.8	19.0	0.2	0.0	0.0	0.0	
VMP-53-30	12/16/2015	1321	-0.28	-0.37	0.0	0	2.6	18.8	0.2	0.0	0.0	0.0	
VMP-53-30	1/22/2016	1122	-0.38	-0.28	0.0	0	2.8	18.6	0.1	0.0	0.0	0.0	
VMP-53-30	2/18/2016	1030	-0.20	-0.22	0.0	0	2.4	18.8	0.6	0.0	0.0	0.0	
VMP-53-30	3/22/2016	1440	0.00	0.00	0.0	0	2.2	19.2	0.3	0.0	0.0	0.0	
VMP-53-30	4/21/2016	1045	-0.19	-0.24	0.0	0	2.0	19.2	0.7	0.0	0.0	0.0	
VMP-53-30	5/18/2016	1017	-0.39	-0.41	0.0	0	2.0	19.1	0.7	0.0	0.0	0.0	
VMP-53-30-Dup	5/18/2016	1022	NM	NM	0.0	0	2.0	19.1	0.8	0.0	0.0	0.0	Duplicate sample.
VMP-53-30	6/21/2016	1335	-0.27	-0.13	0.0	0	1.8	18.4	0.6	0.0	0.0	0.0	
VMP-53-30	7/20/2016	1121	0.00	0.00	0.0	0	2.4	17.8	0.4	0.0	0.0	0.0	
VMP-53-30	8/24/2016	1123	-0.38	-0.33	0.0	0	2.7	17.5	0.2	0.0	0.0	0.0	
VMP-53-30	9/21/2016	1438	0.00	0.00	0.0	0	2.2	18.6	0.2	0.0	0.0	0.0	
VMP-53-30	10/20/2016	1434	0.00	-0.11	0.0	0	3.6	17.2	0.0	0.0	0.0	0.0	
VMP-53-30	11/16/2016	1318	0.00	0.00	0.0	0	3.5	17.5	0.2	0.0	0.0	0.0	
VMP-53-30	12/21/2016	1429	0.43	0.52	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Ambient air likely in bag. Re-sampled. Initial vacuum measured at -0.33 inwc on 12/28/2016.
VMP-53-30	12/22/2016	1330	NM	NM	0.0	0	3.5	17.3	0.1	0.0	0.0	0.0	Re-sample.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-54-5	1/30/2015	1020	0.00	0.00	0.0	0	1.0	20.2	1.6	0.9	0.0	0.9	
VMP-54-5	2/27/2015	1420	0.00	0.00	0.0	0	0.6	20.2	0.6	2.1	0.0	2.1	
VMP-54-5	3/26/2015	0901	0.00	0.00	0.0	0	1.0	19.8	1.0	0.4	0.0	0.4	
VMP-54-5	4/22/2015	1440	0.00	0.00	0.0	0	1.8	19.1	0.8	0.2	0.0	0.2	
VMP-54-5	5/21/2015	0830	0.00	0.00	0.0	0	2.5	17.7	0.2	0.1	0.0	0.1	
VMP-54-5	6/17/2015	0830	NM	NM	0.0	0	3.4	17.3	0.4	0.0	0.0	0.0	
VMP-54-5	6/17/2015	1049	0.00	0.00	0.0	0	3.4	17.0	0.4	0.0	0.0	0.0	
VMP-54-5-Dup	6/17/2015	1049	0.00	0.00	0.0	0	3.4	17.0	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-54-5	7/22/2015	1312	0.00	0.00	0.0	0	4.5	16.8	0.4	0.0	0.0	0.0	
VMP-54-5	8/19/2015	1540	0.00	0.00	0.0	0	4.8	16.4	0.2	0.0	0.0	0.0	
VMP-54-5	9/16/2015	1500	0.00	0.00	0.0	0	4.5	17.0	0.5	0.0	0.0	0.0	
VMP-54-5	10/21/2015	1539	0.00	0.00	0.0	0	3.2	18.2	0.0	0.0	0.0	0.0	
VMP-54-5-Dup	10/21/2015	1539	NM	NM	0.0	0	3.2	18.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-54-5	11/24/2015	0847	0.00	0.00	0.0	0	2.2	19.2	0.0	0.0	0.0	0.0	
VMP-54-5	12/16/2015	1342	0.00	0.00	0.0	0	1.9	18.9	0.3	0.0	0.0	0.0	
VMP-54-5	1/21/2016	0957	0.29	0.00	0.0	0	1.0	20.0	0.2	0.0	0.0	0.0	
VMP-54-5	2/18/2016	0935	0.00	0.00	0.0	0	1.0	19.9	0.5	0.0	0.0	0.0	
VMP-54-5	3/22/2016	1500	0.00	0.00	0.0	0	1.4	19.5	0.2	0.0	0.0	0.0	
VMP-54-5	4/21/2016	1005	0.00	0.00	0.0	0	1.8	18.9	0.6	0.0	0.0	0.0	
VMP-54-5	5/18/2016	1040	0.00	0.00	0.0	0	2.6	18.3	0.8	0.0	0.0	0.0	
VMP-54-5	6/21/2016	1430	0.00	0.00	0.0	0	3.5	17.5	0.6	0.0	0.0	0.0	
VMP-54-5	7/20/2016	1052	0.04	0.03	0.0	0	3.7	16.8	0.3	0.0	0.0	0.0	
VMP-54-5	8/24/2016	1025	0.00	0.00	0.0	0	4.6	15.7	0.1	0.0	0.0	0.0	
VMP-54-5	9/21/2016	1508	0.00	0.00	0.0	0	4.5	15.7	0.2	0.0	0.0	0.0	
VMP-54-5	10/20/2016	1447	0.00	0.00	0.0	0	2.6	18.1	0.1	0.0	0.0	0.0	
VMP-54-5	11/16/2016	1241	0.00	0.00	0.0	0	3.2	17.4	0.0	0.0	0.0	0.0	
VMP-54-5	12/21/2016	1447	0.00	0.00	0.0	0	2.2	18.3	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-54-10	1/30/2015	1025	0.00	0.00	0.0	0	1.5	19.7	1.6	0.1	0.0	0.1	
VMP-54-10	2/27/2015	1420	0.00	0.00	0.0	0	1.2	19.9	0.5	0.5	0.0	0.5	
VMP-54-10	3/26/2015	09001	0.00	0.00	0.0	0	1.0	19.9	0.7	0.2	0.0	0.2	
VMP-54-10	3/26/2015	0901	0.00	0.00	0.0	0	1.0	19.9	0.7	0.2	0.0	0.2	
VMP-54-10	4/22/2015	1441	-0.13	-0.14	0.0	0	1.3	19.6	1.0	0.4	0.0	0.4	
VMP-54-10	5/21/2015	0835	0.00	0.00	0.0	0	1.4	19.0	0.3	1.2	0.0	1.2	
VMP-54-10	6/17/2015	1053	0.00	0.00	0.0	0	2.3	18.5	0.4	0.0	0.0	0.0	
VMP-54-10	7/22/2015	1316	0.00	0.00	0.0	0	3.1	17.7	0.4	0.0	0.0	0.0	
VMP-54-10	8/19/2015	1545	0.00	0.00	0.0	0	3.6	17.5	0.3	0.0	0.0	0.0	
VMP-54-10	9/16/2015	1505	0.00	0.00	0.0	0	3.6	17.4	0.4	0.0	0.0	0.0	
VMP-54-10	10/21/2015	1542	0.00	0.00	0.0	0	3.2	18.3	0.0	0.0	0.0	0.0	
VMP-54-10	11/24/2015	0852	0.00	0.00	0.0	0	2.7	18.7	0.1	0.0	0.0	0.0	
VMP-54-10	12/16/2015	1343	0.00	0.00	0.0	0	2.5	18.9	0.2	0.0	0.0	0.0	
VMP-54-10	1/21/2016	1002	0.29	0.00	0.0	0	1.7	19.2	0.3	0.0	0.0	0.0	
VMP-54-10	2/18/2016	0940	0.00	0.00	0.0	0	1.5	19.4	0.6	0.0	0.0	0.0	
VMP-54-10	3/22/2016	1505	0.00	0.00	0.0	0	1.6	19.3	0.4	0.0	0.0	0.0	
VMP-54-10	4/21/2016	1010	0.00	0.00	0.0	0	1.6	18.9	0.7	0.0	0.0	0.0	
VMP-54-10	5/18/2016	1045	0.00	0.00	0.0	0	2.1	18.8	0.7	0.0	0.0	0.0	
VMP-54-10	6/21/2016	1435	0.00	0.00	0.0	0	2.1	18.7	0.6	0.0	0.0	0.0	
VMP-54-10	7/20/2016	1053	0.06	0.07	0.0	0	2.9	17.5	0.4	0.0	0.0	0.0	
VMP-54-10	8/24/2016	1026	0.00	0.00	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-54-10	9/21/2016	1509	0.00	0.00	0.0	0	3.6	16.7	0.1	0.0	0.0	0.0	
VMP-54-10	10/20/2016	1450	0.00	0.00	0.0	0	3.7	17.1	0.0	0.0	0.0	0.0	
VMP-54-10-Dup	10/20/2016	1450	NM	NM	0.0	0	3.8	17.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-54-10	11/16/2016	1242	0.00	0.00	0.0	0	3.4	17.4	0.1	0.0	0.0	0.0	
VMP-54-10	12/21/2016	1450	0.00	0.00	0.0	0	3.0	17.7	0.1	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-54-20	1/30/2015	1030	0.00	0.00	0.0	0	2.4	18.8	1.1	0.2	0.0	0.2	
VMP-54-20	2/27/2015	1420	-0.14	0.00	0.0	0	2.1	19.0	0.6	0.2	0.0	0.2	
VMP-54-20	3/26/2015	0901	-0.46	-0.30	0.0	0	1.7	19.3	0.7	0.2	0.0	0.2	
VMP-54-20	4/22/2015	1442	0.00	0.00	0.0	0	1.3	19.6	0.7	0.8	0.0	0.8	
VMP-54-20	5/21/2015	0840	0.00	0.00	0.0	0	1.5	19.0	0.2	0.3	0.0	0.3	
VMP-54-20	6/17/2015	1057	0.00	0.00	0.0	0	1.9	18.9	0.3	0.0	0.0	0.0	
VMP-54-20	7/22/2015	1320	0.00	0.00	0.0	0	2.0	18.5	0.3	0.0	0.0	0.0	
VMP-54-20	8/19/2015	1550	0.00	0.00	0.0	0	2.5	17.8	0.2	0.0	0.0	0.0	
VMP-54-20	9/16/2015	1510	0.00	0.00	0.0	0	2.7	17.7	0.5	0.0	0.0	0.0	
VMP-54-20	10/21/2015	1544	0.00	0.00	0.0	0	2.9	17.5	0.0	0.0	0.0	0.0	
VMP-54-20	11/24/2015	0857	0.00	0.00	0.0	0	2.9	17.9	0.1	0.0	0.0	0.0	
VMP-54-20	12/16/2015	1344	0.00	0.00	0.0	0	3.0	17.7	0.4	0.0	0.0	0.0	
VMP-54-20	1/21/2016	1007	0.31	0.00	0.0	0	2.1	18.2	0.2	0.0	0.0	0.0	
VMP-54-20-Dup	1/21/2016	1007	NM	NM	0.0	0	2.2	18.2	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-54-20	2/18/2016	0945	0.00	0.00	0.0	0	1.9	18.6	0.3	0.0	0.0	0.0	
VMP-54-20	3/22/2016	1510	0.00	0.00	0.0	0	2.0	18.6	0.3	0.0	0.0	0.0	
VMP-54-20	4/21/2016	1015	0.00	0.00	0.0	0	2.0	18.6	0.6	0.0	0.0	0.0	
VMP-54-20	5/18/2016	1050	0.00	0.00	0.0	0	1.9	18.8	0.6	0.0	0.0	0.0	
VMP-54-20	6/21/2016	1440	0.00	0.00	0.0	0	1.7	18.3	0.3	0.0	0.0	0.0	
VMP-54-20	7/20/2016	1054	0.05	0.08	0.0	0	2.2	17.9	0.3	0.0	0.0	0.0	
VMP-54-20	8/24/2016	1027	0.00	0.00	0.0	0	2.2	17.3	0.1	0.0	0.0	0.0	
VMP-54-20	9/21/2016	1510	0.00	0.00	0.0	0	2.6	17.0	0.2	0.0	0.0	0.0	
VMP-54-20	10/20/2016	1450	0.00	0.00	0.0	0	3.0	17.1	0.1	0.0	0.0	0.0	
VMP-54-20	11/16/2016	1243	0.00	0.00	0.0	0	3.0	16.7	0.1	0.0	0.0	0.0	
VMP-54-20	12/21/2016	1455	0.00	0.00	0.0	0	2.8	17.2	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-54-30	1/30/2015	1035	0.00	0.00	0.0	0	0.4	20.6	1.6	1.7	0.0	1.7	
VMP-54-30	2/27/2015	1420	-8.22	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-54-30	2/27/2015	1424	-8.22	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-54-30	3/26/2015	0903	0.00	0.00	0.0	0	1.1	19.2	1.0	0.4	0.0	0.4	
VMP-54-30	4/22/2015	1443	-0.24	0.00	0.0	0	1.9	18.9	0.9	0.5	0.0	0.5	
VMP-54-30	5/21/2015	0845	0.00	0.00	0.0	0	1.5	18.5	0.3	2.1	0.0	2.1	
VMP-54-30	6/17/2015	1101	0.00	0.00	0.0	0	3.2	16.8	0.5	0.0	0.0	0.0	
VMP-54-30	7/22/2015	1324	0.00	0.00	0.0	0	3.5	17.7	0.3	0.0	0.0	0.0	
VMP-54-30	8/19/2015	1555	0.00	0.00	0.0	0	2.3	18.8	0.2	0.0	0.0	0.0	
VMP-54-30	9/16/2015	1515	0.00	0.00	0.0	0	2.7	18.8	0.3	0.0	0.0	0.0	
VMP-54-30	10/21/2015	1546	0.00	0.00	0.0	0	1.6	19.6	0.6	0.0	0.0	0.0	
VMP-54-30	11/24/2015	0902	-0.25	-0.17	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-54-30	12/16/2015	1345	0.00	0.00	0.0	0	0.7	19.5	0.1	0.0	0.0	0.0	
VMP-54-30	1/21/2016	1008	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-54-30	2/18/2016	0950	0.00	0.00	0.0	0	0.6	20.3	0.5	0.0	0.0	0.0	
VMP-54-30-Dup	2/18/2016	0950	NM	NM	0.0	0	0.6	20.2	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-54-30	3/22/2016	1515	0.00	0.00	0.0	0	0.5	20.3	0.4	0.0	0.0	0.0	
VMP-54-30	4/21/2016	1020	0.00	0.00	0.0	0	1.2	19.3	0.7	0.0	0.0	0.0	
VMP-54-30	5/18/2016	1055	0.00	0.00	0.0	0	1.0	19.4	0.6	0.0	0.0	0.0	
VMP-54-30-Dup	5/18/2016	1055	NM	NM	0.0	0	0.9	19.2	0.6	0.0	0.0	0.0	Duplicate sample.
VMP-54-30-Dup	5/18/2016	1100	NM	NM	0.0	0	0.9	19.2	0.6	0.0	0.0	0.0	Duplicate sample.
VMP-54-30	6/21/2016	1445	0.00	0.00	0.0	0	2.2	18.7	0.5	0.0	0.0	0.0	
VMP-54-30	7/20/2016	1055	-0.14	0.03	0.0	0	1.9	15.9	0.3	0.0	0.0	0.0	
VMP-54-30	8/24/2016	1028	0.00	0.00	0.0	0	3.2	17.2	0.0	0.0	0.0	0.0	
VMP-54-30	9/21/2016	1511	0.00	0.00	0.0	0	3.4	17.1	0.3	0.0	0.0	0.0	
VMP-54-30	10/20/2016	1456	0.00	0.00	0.0	0	1.0	19.2	0.0	0.0	0.0	0.0	
VMP-54-30	11/16/2016	1244	0.00	0.00	0.0	0	1.9	18.9	0.1	0.0	0.0	0.0	
VMP-54-30	12/21/2016	1457	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	Ambient air present in Tedlar. Re-sampled.
VMP-54-30	12/22/2016	1324	0.00	NM	0.0	0	0.6	20.3	0.0	0.5	0.5	0.0	Re-sample.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-55-5	1/28/2015	1146	0.00	0.00	0.0	0	15.5	1.8	0.8	1.1	0.0	1.1	
VMP-55-5	2/25/2015	1611	0.00	0.00	0.0	0	16.6	2.7	0.9	1.1	0.0	1.1	
VMP-55-5	2/25/2015	1614	0.00	0.00	0.0	0	16.6	2.7	0.9	1.1	0.0	1.1	
VMP-55-5	3/25/2015	1050	0.00	0.00	0.0	0	16.4	1.7	0.9	1.1	0.0	1.1	
VMP-55-5	4/22/2015	1136	-1.95	0.00	0.0	0	15.4	2.5	0.5	1.5	0.0	1.5	
VMP-55-5	5/20/2015	1240	0.00	0.00	0.0	0	19.2	1.9	0.5	2.0	0.0	2.0	
VMP-55-5	6/18/2015	0847	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-55-5	7/22/2015	1113	-3.40	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-55-5	8/19/2015	1320	-0.09	-0.27	0.0	0	21.0	1.7	0.6	0.0	0.0	0.0	
VMP-55-5	9/16/2015	1130	0.00	0.00	0.0	0	20.2	1.9	0.5	2.2	0.0	2.2	
VMP-55-5	10/21/2015	1416	0.00	0.00	0.0	0	20.1	1.4	14.6	116	77.3	38.7	Re-sampled due to elevated concentrations.
VMP-55-5	10/22/2015	1555	0.00	0.00	0.0	0	19.7	1.2	22.3	83.4	62.1	21.3	Re-sample.
VMP-55-5	11/23/2015	1320	-1.01	0.00	0.2	4	16.7	1.7	147	267	6.4	261	Water mixture encountered after sample bag full approx. 75%.
VMP-55-5	12/16/2015	1224	0.00	0.00	0.0	0	17.2	1.5	20.8	15.8	0.0	15.8	
VMP-55-5	1/21/2016	1150	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	2/17/2016	1009	0.00	0.00	0.0	0	15.3	2.3	19.7	28.5	1.6	26.9	
VMP-55-5	3/22/2016	1105	0.00	0.00	0.0	0	17.8	1.8	4.5	4.5	0.0	4.5	
VMP-55-5	4/20/2016	0917	0.00	0.00	0.0	0	17.2	2.1	4.8	0.0	0.0	0.0	
VMP-55-5-Dup	4/20/2016	0917	NM	NM	0.0	0	17.3	1.9	4.8	0.0	0.0	0.0	Duplicate sample.
VMP-55-5	5/18/2016	0957	-0.77	-0.22	0.0	0	15.6	5.0	3.3	0.0	0.0	0.0	
VMP-55-5	6/21/2016	0917	0.00	0.00	0.0	0	20.4	1.5	0.4	1.2	0.0	1.2	
VMP-55-5	7/21/2016	0819	14.98	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	8/24/2016	1639	-0.63	0.00	0.0	0	19.4	1.9	1.1	2.0	0.0	0.0	
VMP-55-5	9/21/2016	1130	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	10/20/2016	1337	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	11/16/2016	1038	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	12/5/2016	0845	0.00	NM	0.0	0	15.8	2.5	4.2	7.2	0.0	7.2	
VMP-55-5	12/21/2016	1111	-0.10	NM	0.0	0	0.0	20.9	NM	NM	NM	NM	Ambient air present in Tedlar. Re-sampled.
VMP-55-5	12/22/2016	1313	-0.64	0.00	0.0	0	15.1	2.6	2.7	9.9	3.8	6.1	Re-sample.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-55-10	1/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	2/25/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	3/25/2015	1051	-4.96	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	4/22/2015	1137	-0.76	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	5/20/2015	1245	-1.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	6/18/2015	0847	1.03	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	7/22/2015	1117	-0.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	8/19/2015	1325	0.13	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	9/16/2015	1135	-0.13	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	10/21/2015	1414	1.85	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	10/21/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	11/25/2015	1321	-0.21	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	12/16/2015	1225	0.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	1/21/2016	1150	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	2/17/2016	1010	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	3/22/2016	1110	-0.92	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	4/20/2016	0918	-0.41	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	5/18/2016	0958	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	6/21/2016	0918	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	7/21/2016	0818	NM	NM	NM	NM	NM	NM	NMN	MN	NM	NM	Screen submerged.
VMP-55-10	8/24/2016	1640	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	9/21/2016	1131	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	10/20/2016	1337	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	11/16/2016	1039	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	12/21/2016	1115	-0.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-55-20	1/28/2015	1146	-0.26	0.00	1.7	34	19.4	0.6	79.2	10800	8600	2200	
VMP-55-20	2/25/2015	1611	-0.55	-0.57	5.7	OVR	12.8	0.5	118	24730	23800	930	
VMP-55-20	3/25/2015	1051	-1.39	-0.98	2.7	55	19.2	0.4	44.5	18500	15800	2700	
VMP-55-20-Dup	3/25/2015	1051	NM	NM	4.4	88	15.8	0.8	44.5	21400	18500	2900	Duplicate sample.
VMP-55-20	4/22/2015	1138	-1.10	-0.92	4.2	84	18.3	1.1	78.7	26900	22700	4200	
VMP-55-20	5/20/2015	1250	-0.57	-0.57	6.1	OVR	16.2	0.8	91.6	24700	19200	5500	
VMP-55-20-Dup	5/20/2015	1250	NM	NM	9.9	OVR	14.0	0.4	91.6	27350	19670	7680	Duplicate sample.
VMP-55-20	6/18/2015	0851	-0.54	-0.43	0.6	13	17.5	0.6	26.3	5410	4670	740	
VMP-55-20	7/22/2015	1118	-0.45	-0.46	0.4	8	18.6	1.1	19.8	2970	2610	360	
VMP-55-20	8/19/2015	1325	-0.81	-0.82	0.4	9	18.0	0.9	24.6	2660	2290	370	
VMP-55-20-Dup	8/19/2015	1325	NM	NM	0.5	10	16.7	0.9	24.6	3300	2770	530	Duplicate sample.
VMP-55-20	9/16/2015	1140	-0.38	-0.31	3.3	66	18.7	0.9	128	10950	8670	2280	
VMP-55-20	10/21/2015	1418	-0.26	-0.27	15.0	OVR	21.4	0.8	335	27060	14910	12150	
VMP-55-20-Dup	10/21/2015	1418	NM	NM	34.9	OVR	19.2	0.4	335	27390	17190	10200	Duplicate sample.
VMP-55-20	11/23/2015	1322	-0.50	-0.67	22.2	OVR	21.0	0.7	255	27130	19140	7990	
VMP-55-20-Dup	11/23/2015	1322	NM	NM	45.9	OVR	18.3	1.0	358	36130	21140	14990	Duplicate sample.
VMP-55-20-Dup	11/23/2015	1327	NM	NM	45.9	OVR	18.3	1.0	358	36130	21140	14990	Duplicate sample.
VMP-55-20	12/16/2015	1226	-0.23	-0.45	16.7	OVR	21.7	0.5	227	24950	18940	6010	
VMP-55-20	1/21/2016	1152	0.12	0.00	1.3	27	20.1	0.5	73.2	8620	6880	1740	
VMP-55-20-Dup	1/21/2016	1152	NM	NM	1.3	26	17.6	0.3	73.2	7950	6240	1710	Duplicate sample.
VMP-55-20	2/17/2016	1012	-1.02	-1.07	8.8	OVR	18.5	0.8	175	16300	11300	5000	
VMP-55-20-Dup	2/17/2016	1012	NM	NM	2.9	59	20.8	0.7	175	10900	8100	2800	Duplicate sample.
VMP-55-20	3/22/2016	1115	0.27	0.30	4.5	90	21.2	0.5	104	21210	17890	3320	
VMP-55-20	4/20/2016	0919	-0.24	0.25	8.8	OVR	20.5	0.8	115	30900	25000	5900	
VMP-55-20	5/18/2016	0959	-0.40	-0.41	0.3	6	16.7	2.9	11.7	2610	2260	350	
VMP-55-20	6/21/2016	0919	-0.28	-0.51	2.0	39	19.7	0.5	42.9	12860	11070	1790	
VMP-55-20	7/21/2016	0820	-0.32	-0.23	15.7	OVR	19.4	0.6	198	41410	33330	8080	
VMP-55-20-Dup	7/21/2016	0820	NM	NM	32.5	OVR	17.7	0.4	198	50640	37160	13480	Duplicate sample.
VMP-55-20	8/24/2016	1650	0.00	-0.18	6.6	OVR	19.9	0.7	70.8	32470	27830	4640	
VMP-55-20	9/21/2016	1132	-0.18	-0.09	6.6	OVR	20.0	0.5	74.6	39680	34420	5260	
VMP-55-20	10/20/2016	1338	-0.52	-0.48	6.0	OVR	19.9	1.5	55.2	32750	28400	4350	
VMP-55-20-Dup	10/20/2016	1338	NM	NM	15.1	OVR	18.0	0.8	55.2	42600	33600	9000	Duplicate sample.
VMP-55-20	11/16/2016	1040	0.00	0.00	10.1	OVR	20.1	0.8	83.8	47780	40690	7090	
VMP-55-20	12/5/2016	0845	-0.24	NM	9.7	OVR	19.8	0.8	58.9	42400	36910	5490	
VMP-55-20	12/22/2016	1316	-0.21	-0.26	26.3	OVR	19.6	0.4	116	79330	62440	16890	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-55-30	1/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	2/25/2015	1613	-1.10	-0.60	2.4	49	17.9	0.5	74.2	17160	2390	14770	
VMP-55-30	3/25/2015	1052	-1.35	-0.98	8.4	OVR	12.0	0.5	106	29200	22700	6500	
VMP-55-30	4/22/2015	1139	-1.10	-0.97	11.8	OVR	11.2	0.9	183	36900	29700	7200	
VMP-55-30	5/20/2015	1255	-0.60	-0.61	10.0	OVR	9.8	0.8	165	25180	19300	5880	
VMP-55-30	6/18/2015	0855	-0.56	-0.46	0.6	13	13.2	0.5	39.1	4910	4140	770	
VMP-55-30	7/22/2015	1122	-0.40	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	8/19/2015	1335	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	9/16/2015	1145	-0.82	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	10/21/2015	1416	-0.11	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	11/23/2015	1323	0.13	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	12/16/2015	1227	0.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	1/22/2016	1150	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	2/17/2016	1013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	3/22/2016	1120	0.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	4/20/2016	0920	0.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	5/18/2016	0959	-0.69	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	6/21/2016	0920	-0.29	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	7/21/2016	0822	-1.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	8/24/2016	1640	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	9/21/2016	1133	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	10/20/2016	1343	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	11/16/2016	1041	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	12/22/2016	1316	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-56-10	1/29/2015	1015	-3.63	-3.53	0.0	0	0.1	20.8	0.6	1.0	0.0	1.0	
VMP-56-10	2/26/2015	1327	-3.57	-3.47	0.0	0	0.1	20.9	0.6	1.7	0.0	1.7	
VMP-56-10	3/26/2015	1410	-3.68	-3.87	0.0	0	0.2	20.9	1.1	1.5	0.0	1.5	
VMP-56-10	4/23/2015	1317	-3.12	-3.23	0.0	0	0.3	20.8	1.2	2.2	0.0	2.2	
VMP-56-10	5/21/2015	1500	-3.45	-3.48	0.0	0	0.1	20.8	0.7	2.9	0.0	2.9	
VMP-56-10	6/17/2015	1453	-4.72	-4.60	0.0	0	0.0	20.9	0.3	1.0	0.0	1.0	
VMP-56-10	7/23/2015	1433	-3.59	-3.59	0.0	0	0.3	20.7	0.5	1.9	0.0	1.9	
VMP-56-10	8/20/2015	1515	-4.23	-4.17	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-56-10	9/17/2015	1445	-3.50	-3.50	0.0	0	0.0	20.9	0.0	0.5	0.0	0.5	
VMP-56-10	10/22/2015	1130	-3.61	-3.54	0.0	0	0.0	20.9	0.6	0.8	0.0	0.8	
VMP-56-10	11/24/2015	1025	-5.51	-4.86	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-56-10	12/17/2015	1410	-0.12	-0.12	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-56-10	1/22/2016	0950	-2.65	-2.03	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-56-10	2/18/2016	1540	-4.13	-4.01	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-56-10	3/14/2016	0907	-0.67	NM	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-56-10	3/23/2016	1445	-3.91	-3.90	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-56-10	3/28/2016	1430	-3.96	NM	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-56-10	4/20/2016	1046	-0.66	0.00	0.0	0	0.4	20.6	0.3	0.0	0.0	0.0	
VMP-56-10	5/18/2016	1025	-5.54	-5.46	0.0	0	0.4	20.7	0.7	0.3	0.0	0.3	
VMP-56-10	6/10/2016	1216	-2.00	NM	0.0	0	0.6	20.3	0.5	0.0	0.0	0.0	
VMP-56-10	6/21/2016	0943	-2.22	-2.44	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-56-10	7/22/2016	0930	-1.79	-1.37	0.0	0	1.4	19.1	0.2	0.0	0.0	0.0	
VMP-56-10	8/25/2016	1355	-3.71	-3.67	0.0	0	0.6	20.2	0.6	1.4	0.0	1.4	
VMP-56-10	9/22/2016	1400	-2.03	-2.17	0.0	0	0.7	20.3	0.4	0.0	0.0	0.0	
VMP-56-10	10/21/2016	1346	-3.10	-3.12	0.0	0	0.7	20.0	0.2	0.0	0.0	0.0	
VMP-56-10	11/17/2016	1028	-1.42	-1.38	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-56-10	12/5/2016	1056	0.00	NM	0.0	0	0.6	20.1	0.1	0.0	0.0	0.0	
VMP-56-10	12/22/2016	1403	-2.09	-2.13	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-56-25	1/29/2015	1020	-6.47	-6.35	0.0	0	0.1	20.8	0.5	0.4	0.0	0.4	
VMP-56-25	2/26/2015	1332	-6.12	-5.98	0.0	0	0.2	20.9	1.3	0.5	0.0	0.5	
VMP-56-25	3/26/2015	1413	-5.93	-5.94	0.0	0	0.2	20.9	1.2	1.2	0.0	1.2	
VMP-56-25	4/23/2015	1322	-5.70	-5.82	0.0	0	0.4	20.5	0.8	1.0	0.0	1.0	
VMP-56-25-Dup	4/23/2015	1322	NM	NM	0.0	0	0.4	20.6	0.8	1.0	0.0	1.0	Duplicate sample.
VMP-56-25	5/21/2015	1505	-6.31	-6.34	0.0	0	0.5	20.3	0.8	2.5	0.0	2.5	
VMP-56-25	6/17/2015	1457	-7.39	-7.16	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-56-25	7/23/2015	1437	-6.92	-6.91	0.0	0	0.9	20.3	0.5	0.3	0.0	0.3	
VMP-56-25	8/20/2015	1520	-7.35	-7.27	0.0	0	0.6	20.4	0.1	0.0	0.0	0.0	
VMP-56-25	9/17/2015	1450	-7.41	-7.42	0.0	0	0.4	20.7	0.0	0.0	0.0	0.0	
VMP-56-25	10/22/2015	1135	-7.61	-7.48	0.0	0	0.1	20.8	0.6	0.5	0.0	0.5	
VMP-56-25	11/24/2015	1030	-8.94	-8.49	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-56-25	12/17/2015	1411	-0.16	-0.16	0.0	0	0.1	20.9	1.7	5.2	0.0	5.2	
VMP-56-25	1/22/2016	0955	-5.05	-3.95	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-56-25	2/18/2016	1545	-8.02	-8.17	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-56-25	3/14/2016	0910	-1.13	NM	0.0	0	0.2	20.7	0.6	0.0	0.0	0.0	
VMP-56-25	3/23/2016	1450	-7.53	-7.44	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-56-25	3/28/2016	1435	-7.48	NM	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-56-25	4/20/2016	1047	-1.01	0.00	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	
VMP-56-25	5/18/2016	1030	-8.88	-8.76	0.0	0	0.6	20.5	0.4	0.0	0.0	0.0	
VMP-56-25	6/10/2016	1218	-3.90	NM	0.0	0	0.8	19.9	0.2	0.5	0.0	0.5	
VMP-56-25	6/21/2016	0944	-4.37	-4.85	0.0	0	0.8	20.0	0.5	0.0	0.0	0.0	
VMP-56-25-Dup	6/21/2016	0944	NM	NM	0.0	0	0.8	20.1	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-56-25	7/22/2016	0931	-2.78	-2.24	0.0	0	1.5	19.2	0.2	0.0	0.0	0.0	
VMP-56-25	8/25/2016	1356	-7.07	-7.07	0.0	0	1.2	19.6	0.6	1.0	0.0	1.0	
VMP-56-25	9/22/2016	1401	-3.13	-3.29	0.0	0	1.0	19.9	0.2	0.0	0.0	0.0	
VMP-56-25-Dup	9/22/2016	1401	NM	NM	0.0	0	1.3	19.6	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-56-25	10/21/2016	1349	-5.08	-5.08	0.0	0	0.9	19.9	0.0	0.0	0.0	0.0	
VMP-56-25	11/17/2016	1029	-2.23	-2.15	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-56-25	12/5/2016	1057	0.17	NM	0.0	0	1.0	19.7	0.3	0.0	0.0	0.0	
VMP-56-25	12/22/2016	1407	-4.55	-4.42	0.0	0	0.1	20.8	0.7	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-56-38.5	1/29/2015	1025	-7.42	-7.29	OVR	OVR	5.7	11.6	366	251000	14600	236400	
VMP-56-38.5	2/26/2015	1337	-6.99	-6.73	OVR	OVR	11.4	0.3	211	1000000	177000	823000	
VMP-56-38.5-Dup	2/26/2015	1337	NM	NM	OVR	OVR	11.4	0.3	211	928000	129000	799000	Duplicate sample.
VMP-56-38.5	3/26/2015	1417	-6.51	-6.51	OVR	OVR	11.7	2.5	250	1000000	34100	965900	
VMP-56-38.5	4/24/2015	1604	-6.58	NM	OVR	OVR	10.5	1.1	227	1000000	184000	816000	Re-sample.
VMP-56-38.5	5/21/2015	1510	-7.12	-5.10	OVR	OVR	9.1	5.1	436	167000	31300	135700	
VMP-56-38.5	6/17/2015	1501	-8.20	-7.98	OVR	OVR	10.6	4.0	151	199000	54530	144470	
VMP-56-38.5	7/23/2015	1441	-7.41	-7.80	OVR	OVR	12.1	1.2	143	196000	65450	130550	
VMP-56-38.5	8/20/2015	1525	-8.40	-8.29	OVR	OVR	5.9	10.1	108	287000	11360	275640	
VMP-56-38.5	9/17/2015	1455	-8.61	-8.59	OVR	OVR	2.3	17.3	156	103000	2520	100480	
VMP-56-38.5	10/22/2015	1140	-8.88	-8.77	OVR	OVR	3.2	15.4	212	147000	2970	144030	
VMP-56-38.5	11/24/2015	1035	-10.26	-9.78	OVR	OVR	6.6	8.9	287	211000	4760	206240	
VMP-56-38.5	12/17/2015	1412	-0.17	-0.22	OVR	OVR	1.6	18.7	468	111800	77.0	111723	
VMP-56-38.5	1/22/2016	1000	-5.78	-4.26	OVR	OVR	6.5	8.3	356	148000	5850	142150	
VMP-56-38.5	2/18/2016	1550	-9.40	-9.45	OVR	OVR	8.7	1.9	270	625000	9400	615600	
VMP-56-38.5	3/14/2016	0915	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	LNAPL pulled into tedlar.
VMP-56-38.5	3/23/2016	1455	-4.23	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	3/28/2016	1440	-6.26	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged. LNAPL observed in VMP.
VMP-56-38.5	4/20/2016	1048	0.22	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged. LNAPL observed in VMP.
VMP-56-38.5	5/18/2016	1024	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	6/21/2016	0945	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	7/22/2016	0932	-1.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	8/25/2016	1357	-31.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	9/22/2016	1402	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	10/21/2016	1352	-0.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	11/17/2016	1030	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	12/22/2016	1410	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-57-5	1/28/2015	1420	-0.25	-0.09	0.0	0	0.2	20.9	1.1	0.2	0.0	0.2	
VMP-57-5	2/25/2015	1510	-0.53	-0.91	0.0	0	0.1	20.8	0.3	0.1	0.0	0.1	
VMP-57-5	3/26/2015	0958	-0.61	-0.56	0.0	0	0.2	20.8	0.8	0.3	0.0	0.3	
VMP-57-5	4/22/2015	1538	0.00	-0.36	0.0	0	0.4	20.5	0.7	0.0	0.0	0.0	
VMP-57-5	5/20/2015	1503	-0.51	-0.53	0.0	0	0.4	20.5	0.2	0.4	0.0	0.4	
VMP-57-5	6/17/2015	0925	-0.46	-0.37	0.0	0	0.6	20.5	0.7	0.9	0.0	0.9	
VMP-57-5	7/22/2015	1455	-0.24	-0.31	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-57-5	8/19/2015	1455	-0.52	-0.58	0.0	0	0.8	20.1	0.3	0.0	0.0	0.0	
VMP-57-5	9/16/2015	1521	-0.74	0.00	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-57-5	10/21/2015	1509	-0.29	-0.27	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-57-5	11/23/2015	1515	-0.40	-0.13	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-57-5	12/16/2015	1500	-0.48	-0.10	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-57-5	1/22/2016	1305	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-57-5	2/17/2016	1445	0.00	-0.44	0.0	0	0.0	20.8	0.7	0.0	0.0	0.0	
VMP-57-5	3/22/2016	1500	0.00	0.00	0.0	0	0.2	2.8	0.2	0.0	0.0	0.0	
VMP-57-5	4/21/2016	1005	0.00	0.00	0.0	0	0.0	20.9	0.6	0.5	0.0	0.5	
VMP-57-5	5/18/2016	1435	-0.37	0.55	0.0	0	0.0	20.9	0.7	0.0	0.0	0.0	
VMP-57-5	6/21/2016	1505	-0.32	-0.27	0.0	0	0.0	20.9	0.6	0.7	0.0	0.7	
VMP-57-5	7/21/2016	1145	-5.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge. Could not sample.
VMP-57-5	8/24/2016	1618	-0.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-5	9/21/2016	1525	-1.26	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-5	10/21/2016	0840	-0.21	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-5	11/16/2016	1426	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Stainless steel tubing damaged.
VMP-57-5	12/21/2016	1507	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled pending re-installation.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-57-5A	1/28/2015	1429	0.00	0.00	0.0	0	0.1	20.8	1.3	0.2	0.0	0.2	
VMP-57-5A	2/25/2015	1505	-0.18	-0.46	0.0	0	0.1	20.6	0.5	0.1	0.0	0.1	
VMP-57-5A	3/26/2015	1015	-0.50	-0.44	0.0	0	0.2	20.9	0.8	1.0	0.0	1.0	
VMP-57-5A	4/22/2015	1552	-0.57	-0.28	0.0	0	0.4	20.6	0.9	0.0	0.0	0.0	
VMP-57-5A	5/20/2015	1519	-0.31	-0.26	0.0	0	0.4	20.5	0.3	0.8	0.0	0.8	
VMP-57-5A	6/17/2015	0941	-0.53	-0.30	0.0	0	0.5	20.5	0.8	0.6	0.0	0.6	
VMP-57-5A	7/22/2015	1515	-0.21	-0.28	0.0	0	0.8	20.1	0.3	0.0	0.0	0.0	
VMP-57-5A	8/19/2015	1515	-0.34	-0.29	0.0	0	0.6	20.3	0.4	0.0	0.0	0.0	
VMP-57-5A	9/16/2015	1537	-0.80	-0.23	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-57-5A	10/21/2015	1518	-0.25	-0.22	0.0	0	0.3	20.5	0.3	0.0	0.0	0.0	
VMP-57-5A	11/23/2015	1531	0.00	-0.49	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-57-5A	12/16/2015	1515	-0.57	-0.66	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-57-5A	1/22/2016	1305	2.42	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-57-5A	2/17/2016	1505	-0.33	-0.26	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-57-5A	3/22/2016	1520	-0.13	-0.14	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-57-5A	4/21/2016	1000	-0.15	-0.22	0.0	0	0.3	20.4	2.9	0.3	0.0	0.3	
VMP-57-5A	5/18/2016	1440	-0.55	-0.26	0.0	0	0.3	20.7	3.8	0.8	0.0	0.8	
VMP-57-5A	6/21/2016	1525	-0.54	-0.23	0.0	0	0.4	20.4	3.6	2.2	0.0	2.2	
VMP-57-5A	7/20/2016	1156	0.10	-0.10	0.0	0	0.3	20.4	0.3	0.0	0.0	0.0	
VMP-57-5A	8/24/2016	1622	-0.36	-0.25	0.0	0	0.6	20.3	2.4	0.0	0.0	0.0	
VMP-57-5A	9/21/2016	1532	-0.35	-0.26	0.0	0	0.6	20.4	1.7	0.0	0.0	0.0	
VMP-57-5A	10/21/2016	0841	-0.51	-0.46	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	
VMP-57-5A	11/16/2016	1430	-0.26	-0.30	0.0	0	0.2	20.7	0.6	0.0	0.0	0.0	
VMP-57-5A	12/21/2016	1505	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-57-10	1/28/2015	1420	-0.25	-0.06	0.0	0	0.2	20.8	0.8	0.2	0.0	0.2	
VMP-57-10	2/25/2015	1515	-0.74	-0.69	0.0	0	0.2	20.9	0.7	0.2	0.0	0.2	
VMP-57-10	3/26/2015	1003	-1.39	-1.40	0.0	0	0.2	20.8	0.9	0.8	0.0	0.8	
VMP-57-10	4/22/2015	1540	-1.21	-0.34	0.0	0	0.4	20.6	0.8	0.0	0.0	0.0	
VMP-57-10	5/20/2015	1508	-1.54	-1.60	0.0	0	0.5	20.4	0.3	0.5	0.0	0.5	
VMP-57-10	6/17/2015	0930	-1.21	-1.12	0.0	0	0.7	20.3	0.8	1.2	0.0	1.2	
VMP-57-10	7/22/2015	1500	-0.99	-1.17	0.0	0	1.0	19.8	0.2	0.0	0.0	0.0	
VMP-57-10	8/19/2015	1500	-1.71	-1.20	0.0	0	1.0	19.9	0.3	0.0	0.0	0.0	
VMP-57-10	9/16/2015	1526	-1.65	-0.93	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	
VMP-57-10	10/21/2015	1512	-0.81	-0.82	0.0	0	0.4	20.3	0.0	0.0	0.0	0.0	
VMP-57-10	11/23/2015	1520	-1.33	-0.12	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-57-10	12/16/2015	1505	-0.12	-1.98	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-57-10	1/22/2016	1305	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-57-10	2/17/2016	1450	-0.48	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-57-10	3/22/2016	1505	-0.68	-0.96	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-57-10	4/21/2016	1015	-0.86	-1.15	0.0	0	0.4	20.3	0.7	0.0	0.0	0.0	
VMP-57-10	5/18/2016	1445	-1.71	-1.70	0.0	0	0.4	20.6	0.5	0.0	0.0	0.0	
VMP-57-10	6/21/2016	1510	-0.32	-0.27	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-57-10	7/20/2016	1146	-7.00	-0.68	0.0	0	0.6	20.3	0.1	0.0	0.0	0.0	
VMP-57-10	8/24/2016	1619	-2.93	-2.29	0.0	0	0.8	20.2	0.1	0.0	0.0	0.0	
VMP-57-10	9/21/2016	1527	-1.47	-1.09	0.0	0	0.8	20.0	0.0	0.0	0.0	0.0	
VMP-57-10	10/21/2016	0843	-1.05	-0.77	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-57-10	11/16/2016	1427	-0.48	-1.11	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-57-10	12/21/2016	1507	1.39	-1.21	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-57-10B	1/28/2015	1432	-0.23	-0.33	0.0	0	0.2	20.9	0.3	0.2	0.0	0.2	
VMP-57-10B	2/25/2015	1500	-0.59	-0.63	0.0	0	0.1	20.9	0.5	0.1	0.0	0.1	
VMP-57-10B	3/26/2015	1019	-1.33	-1.22	0.0	0	0.2	20.8	0.7	0.3	0.0	0.3	
VMP-57-10B	4/22/2015	1556	-1.08	-1.02	0.0	0	0.3	20.7	0.7	0.2	0.0	0.2	
VMP-57-10B	5/20/2015	1524	-1.15	-1.15	0.0	0	0.4	20.6	0.3	0.5	0.0	0.5	
VMP-57-10B	6/17/2015	0946	-0.96	-1.13	0.0	0	0.5	20.6	0.8	0.9	0.0	0.9	
VMP-57-10B	7/22/2015	1520	-0.85	-1.08	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-57-10B	8/19/2015	1520	-1.62	-1.10	0.0	0	0.7	20.1	0.3	0.0	0.0	0.0	
VMP-57-10B	9/16/2015	1542	-0.81	-0.86	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-57-10B	10/21/2015	1521	-0.85	-0.75	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	
VMP-57-10B	11/23/2015	1536	-0.36	-0.75	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-57-10B	12/16/2015	1520	-1.53	-1.51	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-57-10B	1/22/2016	1305	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-57-10B	2/17/2016	1510	-1.41	-1.50	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-57-10B	3/22/2016	1525	-0.69	-0.83	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-57-10B	4/21/2016	1010	-0.78	-1.05	0.0	0	0.3	20.5	0.4	0.0	0.0	0.0	
VMP-57-10B	5/18/2016	1450	-1.58	-1.57	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-57-10B	6/21/2016	1530	-1.22	-1.13	0.0	0	0.4	20.4	0.7	0.0	0.0	0.0	
VMP-57-10B	7/20/2016	1201	0.00	-0.32	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	
VMP-57-10B	8/24/2016	1623	-4.16	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10B	9/21/2016	1536	-1.40	-0.22	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-57-10B	10/21/2016	0842	-1.02	-0.98	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-57-10B	11/16/2016	1431	-0.94	-1.05	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-57-10B	12/21/2016	1505	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-57-20	1/28/2015	1420	-6.25	-0.24	0.0	0	2.0	19.7	1.6	0.5	0.0	0.5	
VMP-57-20	2/25/2015	1520	-3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-20	3/26/2015	1007	-1.51	-1.43	0.0	0	1.4	20.1	0.7	0.8	0.0	0.8	
VMP-57-20	4/22/2015	1544	-1.80	-1.26	0.0	0	1.7	19.3	0.6	0.3	0.0	0.3	
VMP-57-20	5/20/2015	1513	-1.56	-1.70	0.0	0	1.4	19.4	0.3	0.1	0.0	0.1	
VMP-57-20	6/17/2015	0935	-2.75	-0.90	0.0	0	1.4	19.3	0.7	0.5	0.0	0.5	
VMP-57-20	7/22/2015	1505	-0.88	-1.52	0.0	0	1.7	18.8	0.3	0.0	0.0	0.0	
VMP-57-20	8/19/2015	1505	-0.52	-1.54	0.0	0	1.9	18.7	0.3	0.0	0.0	0.0	
VMP-57-20	9/16/2015	1531	-1.13	-0.92	0.0	0	2.1	19.0	0.2	0.0	0.0	0.0	
VMP-57-20	10/21/2015	1515	-1.23	-0.88	0.0	0	1.8	19.5	0.3	0.0	0.0	0.0	
VMP-57-20	11/23/2015	1525	-3.38	-0.79	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-57-20	12/16/2015	1510	-1.72	-2.37	0.0	0	1.2	20.2	0.1	0.0	0.0	0.0	
VMP-57-20	1/22/2016	1305	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-57-20	2/17/2016	1455	-1.29	-1.72	0.0	0	1.7	19.6	0.4	0.0	0.0	0.0	
VMP-57-20	3/22/2016	1510	-0.82	-1.03	0.0	0	1.6	19.7	0.3	0.0	0.0	0.0	
VMP-57-20	4/21/2016	1020	0.00	-1.28	0.0	0	1.4	19.8	0.8	0.0	0.0	0.0	
VMP-57-20	5/18/2016	1500	-1.83	-1.87	0.0	0	1.0	19.8	0.3	0.0	0.0	0.0	
VMP-57-20	6/21/2016	1515	-1.55	-0.17	0.0	0	0.2	20.7	0.5	0.2	0.0	0.0	
VMP-57-20	7/20/2016	1151	0.26	0.15	0.0	0	0.3	20.5	0.3	0.0	0.0	0.0	
VMP-57-20	8/24/2016	1620	-0.11	-3.97	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-57-20	9/22/2016	0845	-0.66	-2.33	0.0	0	1.8	19.2	0.6	0.0	0.0	0.0	
VMP-57-20	10/21/2016	0844	-1.02	-0.97	0.0	0	1.5	19.7	0.0	0.0	0.0	0.0	
VMP-57-20	11/16/2016	1428	-1.31	-1.33	0.0	0	1.5	19.8	0.1	0.0	0.0	0.0	
VMP-57-20-Dup	11/16/2016	1428	NM	NM	0.0	0	1.5	19.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-57-20	12/21/2016	1509	-1.07	-1.20	0.0	0	1.3	19.9	0.1	0.0	0.0	0.0	

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-57-30	1/28/2015	1420	-61.11	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	2/25/2015	1525	-36.64	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	3/26/2015	1011	-1.46	NM	NM	NM	NM	NM		NM	NM	NM	Screen submerged.
VMP-57-30	4/22/2015	1548	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	5/20/2015	1518	-21.21	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	6/17/2015	0940	-15.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	7/22/2015	1510	-3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	8/19/2015	1510	-10.01	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	9/16/2015	1536	-16.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	10/21/2015	1518	-49.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	11/23/2015	1530	-1.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	12/16/2015	1521	0.80	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	1/22/2016	1305	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	2/17/2016	1500	-10.48	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	3/22/2016	1515	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	4/21/2016	1025	-0.17	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	5/18/2016	1500	-0.29	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	Re-sampled due to low concentration.
VMP-57-30	5/19/2016	1500	-1.88	NM	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	Re-sample.
VMP-57-30	6/21/2016	1520	0.00	0.00	0.0	0	0.0	20.9	1.5	0.5	0.0	0.5	
VMP-57-30	7/20/2016	1155	3.35	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	8/24/2016	1621	-0.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	9/21/2016	1530	-1.18	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	10/21/2016	0845	-1.21	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	11/16/2016	1429	0.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	Stainless steel tubing damaged.
VMP-57-30	12/21/2016	1509	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to pending re-installation.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-58-5	1/28/2015	1512	-0.93	-1.26	0.0	0	0.1	20.9	2.5	2.4	0.0	2.4	
VMP-58-5	2/26/2015	0921	-7.15	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-58-5	3/26/2015	0925	-2.75	-2.24	0.0	0	0.1	20.9	0.8	1.1	0.0	1.1	
VMP-58-5	4/23/2015	0950	-2.05	-1.98	0.0	0	0.2	20.9	1.3	2.2	0.0	2.2	
VMP-58-5	5/21/2015	0908	-2.35	-2.12	0.0	0	0.0	20.9	0.7	2.2	0.0	2.2	
VMP-58-5	6/17/2015	0905	-2.22	-2.17	0.0	0	0.0	20.9	0.9	2.5	0.0	2.5	
VMP-58-5	7/22/2015	1431	-1.83	-1.96	0.0	0	0.3	20.5	0.3	0.0	0.0	0.0	
VMP-58-5	8/19/2015	1435	-2.21	-2.16	0.0	0	0.2	20.6	0.4	0.0	0.0	0.0	
VMP-58-5	9/16/2015	1439	-1.84	-1.90	0.0	0	0.2	20.9	0.4	0.4	0.0	0.4	
VMP-58-5	10/21/2015	1450	-1.77	-1.78	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-58-5	11/24/2015	0825	-1.75	-2.53	0.0	0	0.0	20.9	0.1	0.1	0.0	0.1	
VMP-58-5	12/16/2015	1440	-2.83	-2.88	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-58-5	1/22/2016	1230	-1.33	-1.19	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-5	2/17/2016	1425	-2.90	-2.33	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-58-5	3/22/2016	1440	-1.67	-1.80	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-58-5	4/21/2016	0940	-1.58	-2.00	0.0	0	0.1	20.7	0.4	0.0	0.0	0.0	
VMP-58-5	5/18/2016	1510	-4.04	-2.82	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-58-5	6/21/2016	1445	-2.40	-2.34	0.0	0	0.1	20.8	0.8	1.1	0.0	1.1	
VMP-58-5	7/20/2016	1110	-0.39	-0.45	0.0	0	0.1	20.8	1.6	0.4	0.0	0.4	
VMP-58-5	8/24/2016	1555	-3.35	-3.41	0.0	0	0.0	20.9	2.4	0.4	0.0	0.4	
VMP-58-5	9/21/2016	1500	-2.79	-2.80	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-58-5	10/20/2016	1545	-2.27	-2.30	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-58-5	11/17/2016	0815	-2.27	-2.13	0.0	0	0.0	20.9	0.5	1.5	0.0	1.5	
VMP-58-5	12/5/2016	1130	0.21	NM	0.0	0	0.1	20.0	0.4	0.0	0.0	0.0	
VMP-58-5	12/21/2016	1444	-1.89	-2.00	0.0	0	0.0	20.9	0.3	0.8	0.0	0.8	

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-58-10	1/28/2015	1512	-0.99	-2.09	0.0	0	0.1	20.9	2.6	2.5	0.0	2.5	
VMP-58-10	2/26/2015	0926	-6.40	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-58-10	3/26/2015	0930	-2.70	-2.65	0.0	0	0.1	20.9	1.4	1.1	0.0	1.1	
VMP-58-10	4/23/2015	0955	-2.51	-2.44	0.0	0	0.1	20.9	1.4	2.1	0.0	2.1	
VMP-58-10	5/21/2015	0912	-2.77	-2.62	0.0	0	0.0	20.9	0.7	1.6	0.0	1.6	
VMP-58-10	6/17/2015	0910	-2.71	-2.67	0.0	0	0.0	20.9	0.8	1.9	0.0	1.9	
VMP-58-10	7/22/2015	1436	-2.66	-2.46	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-58-10	8/19/2015	1435	-2.76	-2.71	0.0	0	0.2	20.6	0.4	0.0	0.0	0.0	
VMP-58-10	9/16/2015	1444	-2.37	-2.44	0.0	0	0.1	20.9	0.4	0.0	0.0	0.0	
VMP-58-10	10/21/2015	1450	-0.24	-2.38	0.0	0	0.1	20.8	0.7	0.0	0.0	0.0	
VMP-58-10	11/24/2015	0830	-2.59	-3.50	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-58-10	12/16/2015	1445	-3.42	-3.39	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-58-10	1/22/2016	1235	-1.32	-1.53	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-10	2/17/2016	1430	-2.92	-2.99	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-58-10	3/22/2016	1445	-2.18	-2.34	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-58-10	4/21/2016	0945	-2.03	-2.53	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	
VMP-58-10	5/18/2016	1515	-3.44	-3.46	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-58-10	6/21/2016	1450	-3.06	-3.00	0.0	0	0.1	20.8	0.5	0.0	0.0	0.0	
VMP-58-10	7/20/2016	1116	-0.51	-0.67	0.0	0	0.1	20.9	0.5	0.2	0.0	0.0	
VMP-58-10	8/24/2016	1556	-4.32	-4.42	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-58-10	9/21/2016	1504	-3.55	-3.44	0.0	0	0.1	20.8	0.6	0.0	0.0	0.0	
VMP-58-10	10/20/2016	1546	-2.41	-2.43	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-58-10	11/17/2016	0816	-2.91	-2.79	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-58-10	12/5/2016	1131	0.28	NM	0.0	0	0.3	19.5	0.5	1.7	0.0	1.7	
VMP-58-10	12/21/2016	1447	-2.43	-2.59	0.0	0	0.0	20.9	0.4	1.1	0.0	1.1	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-58-20	1/28/2015	1513	-2.61	-2.78	0.0	0	0.2	20.7	1.9	2.4	0.0	2.4	
VMP-58-20-Dup	1/28/2015	1513	NM	NM	0.0	0	0.2	20.7	1.9	1.8	0.0	1.8	Duplicate Sample
VMP-58-20	2/26/2015	0931	-4.65	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-58-20	3/26/2015	0935	-3.89	-3.86	0.0	0	0.2	20.8	1.1	0.9	0.0	0.9	
VMP-58-20	4/23/2015	1000	-3.72	-3.65	0.0	0	0.2	20.8	1.5	2.2	0.0	2.2	
VMP-58-20	5/21/2015	0916	-4.15	-3.97	0.0	0	0.2	20.6	0.6	1.6	0.0	1.6	
VMP-58-20	6/17/2015	0915	-4.08	-4.02	0.0	0	0.0	20.9	0.9	2.2	0.0	2.2	
VMP-58-20	7/22/2015	1441	-3.67	-3.82	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-58-20	8/19/2015	1445	-4.30	-4.26	0.0	0	0.6	20.1	0.3	0.0	0.0	0.0	
VMP-58-20	9/16/2015	1449	-4.00	-4.09	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-58-20	10/21/2015	1457	-4.10	-4.13	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-58-20	11/24/2015	0835	-5.25	-3.26	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-58-20	12/17/2015	1450	-3.37	-5.35	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-58-20	1/22/2016	1240	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-58-20	2/17/2016	1435	-4.62	-4.76	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-58-20	3/22/2016	1450	-3.54	-3.86	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-58-20	4/21/2016	0950	-3.38	-4.01	0.0	0	0.2	20.6	0.9	0.0	0.0	0.0	
VMP-58-20	5/18/2016	1520	-5.25	-5.29	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-58-20	6/21/2016	1455	-4.86	-4.78	0.0	0	0.3	20.6	0.9	0.7	0.0	0.7	
VMP-58-20	7/20/2016	1121	-0.39	-1.59	0.0	0	0.7	20.1	0.3	0.0	0.0	0.0	
VMP-58-20	8/24/2016	1559	-7.10	-7.24	0.0	0	0.3	20.6	0.5	0.0	0.0	0.0	
VMP-58-20-Dup	8/24/2016	1559	NM	NM	0.0	0	0.3	20.6	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-58-20	9/21/2016	1506	-6.37	-5.93	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-58-20	10/20/2016	1547	-3.09	-3.12	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-58-20	11/17/2016	0817	-4.88	-4.73	0.0	0	0.2	20.7	0.6	0.5	0.0	0.5	
VMP-58-20	12/5/2016	1132	0.30	NM	0.0	0	1.3	18.7	0.6	5.5	4.6	0.9	
VMP-58-20	12/21/2016	1450	-4.20	-4.39	0.0	0	0.1	20.8	0.4	0.8	0.0	0.8	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-58-30	1/28/2015	1513	-4.73	-5.52	14.1	OVR	8.3	5.4	604	5040	34.0	5006	
VMP-58-30	2/26/2015	0936	-8.22	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-58-30	3/26/2015	0940	-6.35	-6.32	12.0	OVR	6.5	7.7	515	3950	325	3625	
VMP-58-30	4/23/2015	1005	-6.15	-6.03	39.9	OVR	8.4	2.3	646	13960	501	13459	
VMP-58-30	5/21/2015	0920	-6.83	-6.61	51.6	OVR	6.1	5.4	572	16510	3720	12790	
VMP-58-30-Dup	5/21/2015	0920	NM	NM	67.9	OVR	7.2	3.1	572	20900	4530	16370	Duplicate sample.
VMP-58-30	6/17/2015	0920	-6.75	-6.66	0.0	0	0.0	20.9	NA	NM	NM	NM	Ambient air present in Tedlar. Re-sampled.
VMP-58-30-Dup	6/17/2015	0920	NM	NM	0.0	0	0.0	20.9	NA	NM	NM	NM	Duplicate sample. Ambient air present in Tedlar. Re-sampled.
VMP-58-30	6/18/2015	1540	-6.36	NM	69.5	OVR	10.3	0.6	304	20480	3430	17050	Re-sample.
VMP-58-30-Dup	6/18/2015	1540	NM	NM	70.6	OVR	10.2	0.7	304	21120	3330	17790	Duplicate resample.
VMP-58-30	7/22/2015	1446	-6.34	-6.46	51.6	OVR	9.2	3.1	413	16650	2750	13900	
VMP-58-30	8/19/2015	1450	-7.18	-7.16	58.9	OVR	8.5	5.4	332	17840	3290	14550	
VMP-58-30	9/16/2015	1453	-7.23	-7.31	79.3	OVR	12.6	1.2	568	21420	5980	15440	
VMP-58-30	10/21/2015	1500	-7.44	-7.42	57.9	OVR	10.7	3.4	492	17340	2790	14550	
VMP-58-30-Dup	10/21/2015	1500	-7.44	-7.42	57.9	OVR	10.7	3.4	492	17340	2790	14550	Duplicate sample.
VMP-58-30	11/24/2015	0840	-8.77	-7.96	1.1	23	11.1	3.7	221	1180	8.0	1172	
VMP-58-30	12/16/2015	1455	-0.77	-9.13	0.1	2	11.9	2.5	33.8	129	1.0	128	
VMP-58-30	1/22/2016	1245	4.38	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-58-30	2/17/2016	1440	-7.70	-8.06	51.6	OVR	3.4	16.9	533	16440	2260	14180	
VMP-58-30	3/22/2016	1455	-6.72	-6.87	OVR	OVR	10.4	4.6	365	33770	11080	22690	
VMP-58-30	4/21/2016	0955	-6.08	-6.86	0.0	0	7.4	9.4	8.6	63.3	36.1	27.2	
VMP-58-30	5/18/2016	1525	-8.84	-8.65	3.8	77	6.9	9.5	284	3840	363	3477	
VMP-58-30	6/21/2016	1500	-3.20	-8.07	OVR	OVR	11.7	0.6	420	35700	10250	25450	
VMP-58-30	7/20/2016	1127	-0.43	-3.94	0.0	0	10.6	6.1	4.4	5.9	0.0	5.9	
VMP-58-30	8/24/2016	1558	-11.96	-12.32	OVR	OVR	12.1	0.9	397	50780	14180	36600	
VMP-58-30	9/21/2016	1508	-10.13	-9.81	OVR	OVR	13.0	0.5	367	94590	23530	71060	
VMP-58-30	10/20/2016	1548	-4.45	-4.44	OVR	OVR	13.0	1.2	380	81200	23600	57600	
VMP-58-30	11/17/2016	0818	-8.45	-11.04	OVR	OVR	14.1	0.7	546	41270	11640	29630	
VMP-58-30-Dup	11/17/2016	0818	NM	NM	OVR	OVR	14.2	0.5	598	43440	11650	31790	Duplicate sample.
VMP-58-30	12/5/2016	1133	0.00	NM	0.0	0	10.8	5.5	4.4	6.5	0.0	6.5	
VMP-58-30	12/21/2016	1451	-7.49	-7.72	46.2	OVR	8.9	8.7	474	22070	4930	17140	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-59-5	1/29/2015	0853	-1.14	-1.01	0.0	0	0.1	20.9	0.9	1.1	0.0	1.1	
VMP-59-5	2/26/2015	0857	-1.12	-1.07	0.0	0	0.1	20.9	1.5	0.4	0.0	0.4	
VMP-59-5	3/26/2015	0858	-1.24	-1.23	0.0	0	0.2	20.7	0.7	1.2	0.0	1.2	
VMP-59-5	4/23/2015	0923	-0.95	-0.97	0.0	0	0.3	20.9	1.0	2.1	0.0	2.1	
VMP-59-5	5/21/2015	0845	-1.05	-1.06	0.0	0	0.2	20.6	0.4	2.1	0.0	2.1	
VMP-59-5	6/17/2015	0845	-1.79	-1.07	0.0	0	0.6	20.5	0.9	0.2	0.0	0.2	
VMP-59-5	7/23/2015	0900	-0.84	-1.32	0.0	0	0.7	20.5	0.4	0.3	0.0	0.3	
VMP-59-5	8/19/2015	1415	-1.04	-1.03	0.0	0	0.7	20.2	0.2	0.1	0.0	0.1	
VMP-59-5	9/16/2015	1401	-0.80	-0.74	0.0	0	0.5	20.5	0.2	0.3	0.0	0.3	
VMP-59-5	10/21/2015	1433	-0.72	-0.73	0.0	0	0.2	20.8	0.7	0.8	0.0	0.8	
VMP-59-5	11/24/2015	0850	-1.25	-1.13	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-59-5	12/16/2015	1415	-3.34	-1.40	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-59-5	1/21/2016	0910	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-59-5	2/17/2016	1405	-0.96	-0.97	0.0	0	0.0	20.9	0.4	0.2	0.0	0.2	
VMP-59-5	3/22/2016	1420	-0.74	-0.79	0.0	0	0.0	20.8	0.3	0.0	0.0	0.0	
VMP-59-5	4/21/2016	0920	-0.60	-0.98	0.0	0	0.1	20.8	0.4	0.4	0.0	0.4	
VMP-59-5	5/18/2016	1530	-1.45	-1.42	0.0	0	0.0	20.9	2.6	2.2	0.0	2.2	
VMP-59-5	6/21/2016	1425	-0.99	-1.14	0.0	0	0.3	20.5	1.6	3.3	0.0	3.3	
VMP-59-5	7/20/2016	1040	-0.31	-0.20	0.0	0	0.2	20.7	3.2	3.8	0.0	3.8	
VMP-59-5	8/24/2016	1530	-1.46	-1.47	0.0	0	0.2	20.7	6.4	5.8	0.0	5.8	
VMP-59-5	9/21/2016	1410	-1.28	-1.21	0.0	0	0.2	20.7	3.1	1.1	0.0	1.1	
VMP-59-5	10/20/2016	1525	-1.16	-1.19	0.0	0	0.1	20.8	0.6	0.0	0.0	0.0	
VMP-59-5-Dup	10/20/2016	1525	NM	NM	0.0	0	0.1	20.8	0.6	0.0	0.0	0.0	Duplicate sample.
VMP-59-5	11/17/2016	0840	-0.98	-0.90	0.0	0	0.1	20.9	2.3	0.9	0.0	0.9	
VMP-59-5	12/21/2016	1426	-0.89	-0.88	0.0	0	0.0	20.9	0.4	0.6	0.0	0.6	

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SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-59-10	1/29/2015	0853	-0.41	-1.13	0.0	0	0.1	20.8	2.4	0.8	0.0	0.8	
VMP-59-10	2/26/2015	0902	-0.62	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-59-10	3/26/2015	0905	-1.35	-1.31	0.0	0	0.1	20.8	0.8	0.9	0.0	0.9	
VMP-59-10	4/23/2015	0928	-1.45	-1.08	0.0	0	0.1	20.9	1.0	1.5	0.0	1.5	
VMP-59-10	5/21/2015	0849	-1.15	-1.15	0.0	0	0.0	20.9	0.5	1.0	0.0	1.0	
VMP-59-10	6/17/2015	0850	-1.89	-1.19	0.0	0	0.2	20.8	0.9	0.8	0.0	0.8	
VMP-59-10	7/23/2015	0905	-1.23	-1.14	0.0	0	0.2	20.8	0.6	0.0	0.0	0.0	
VMP-59-10	8/19/2015	1420	-1.16	-1.15	0.0	0	0.2	20.6	0.5	0.0	0.0	0.0	
VMP-59-10	9/17/2015	1406	-0.91	-0.87	0.0	0	0.2	20.8	0.6	0.2	0.0	0.2	
VMP-59-10	10/21/2015	1436	-0.83	-0.85	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-10	11/24/2015	0855	-1.57	-1.42	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-59-10	12/16/2015	1420	-1.61	-1.61	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-59-10	1/21/2016	0915	0.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-59-10	2/17/2016	1410	-1.12	-1.16	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-59-10	3/22/2016	1425	-0.79	-0.90	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-59-10	4/21/2016	0925	-0.69	-1.08	0.0	0	0.1	20.9	0.6	0.7	0.0	0.7	
VMP-59-10	5/18/2016	1535	-1.55	-1.57	0.0	0	0.1	20.8	3.2	2.2	0.0	2.2	
VMP-59-10	6/21/2016	1430	-1.13	-1.27	0.0	0	0.1	20.8	4.0	8.2	0.0	8.2	
VMP-59-10	7/20/2016	1047	-0.27	-0.22	0.0	0	0.1	20.8	3.1	2.0	0.0	2.0	
VMP-59-10	8/24/2016	1531	-1.66	-1.67	0.0	0	0.0	20.9	11.3	8.1	0.0	8.1	
VMP-59-10	9/21/2016	1412	-1.44	-1.37	0.0	0	0.1	20.8	4.8	3.1	0.0	3.1	
VMP-59-10	10/20/2016	1526	-0.66	-1.06	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-10	11/17/2016	0841	-1.53	-1.04	0.0	0	0.0	20.9	1.4	0.0	0.0	0.0	
VMP-59-10	12/21/2016	1428	-0.97	-0.94	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-59-20	1/29/2015	0853	-4.20	-4.13	0.0	0	0.4	20.7	1.4	0.6	0.0	0.6	
VMP-59-20	2/26/2015	0907	-4.37	-4.30	0.0	0	0.3	20.8	1.7	0.2	0.0	0.2	
VMP-59-20	3/26/2015	0911	-3.87	-3.78	0.0	0	0.2	20.8	1.0	0.7	0.0	0.7	
VMP-59-20	4/23/2015	0933	-3.49	-3.50	0.0	0	0.3	20.8	0.9	1.0	0.0	1.0	
VMP-59-20	5/21/2015	0853	-3.90	-3.88	0.0	0	0.2	20.6	0.5	0.8	0.0	0.8	
VMP-59-20	6/17/2015	0855	-3.72	-3.83	0.0	0	0.4	20.4	0.8	0.7	0.0	0.7	
VMP-59-20	7/23/2015	0910	-4.14	-4.00	0.0	0	0.4	20.7	0.6	0.0	0.0	0.0	
VMP-59-20	8/19/2015	1425	-4.06	-4.12	0.0	0	0.6	20.4	0.4	0.0	0.0	0.0	
VMP-59-20	9/16/2015	1411	-3.94	-3.86	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	
VMP-59-20	10/21/2015	1440	-4.07	-4.03	0.0	0	0.4	20.7	0.5	0.0	0.0	0.0	
VMP-59-20	11/24/2015	0900	-5.31	-6.27	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-59-20	12/16/2015	1425	-13.34	2.56	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-59-20	1/21/2016	0920	-6.05	-2.04	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-59-20	2/17/2016	1415	-4.45	-4.52	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-59-20	3/22/2016	1430	-3.47	-3.68	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-59-20	4/21/2016	0930	-2.75	-3.83	0.0	0	0.2	20.7	1.3	1.0	0.0	1.0	
VMP-59-20	5/18/2016	1540	-5.47	-5.12	0.0	0	0.2	20.8	3.0	2.1	0.0	2.1	
VMP-59-20	6/21/2016	1435	-4.60	-4.64	0.0	0	0.2	20.7	2.6	5.8	0.0	5.8	
VMP-59-20	7/20/2016	1053	-0.56	-0.42	0.0	0	0.3	20.6	4.2	3.6	0.0	3.6	
VMP-59-20	8/24/2016	1532	-6.43	-6.50	0.0	0	0.4	20.6	11.6	7.8	0.0	7.8	
VMP-59-20	9/21/2016	1414	-5.44	-5.15	0.0	0	0.5	20.5	4.8	0.0	0.0	0.0	
VMP-59-20	10/20/2016	1527	-2.83	-2.93	0.0	0	0.5	20.5	0.7	0.0	0.0	0.0	
VMP-59-20	11/17/2016	0842	-4.74	-4.61	0.0	0	0.3	20.7	1.0	0.0	0.0	0.0	
VMP-59-20	12/21/2016	1430	-4.19	-4.13	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-59-30	1/29/2015	0853	-5.26	-5.20	0.0	0	1.4	19.8	1.7	2.2	0.0	2.2	
VMP-59-30	2/26/2015	0911	-5.43	-5.32	0.0	0	1.5	19.6	1.0	0.7	0.0	0.7	
VMP-59-30	3/26/2015	0916	-4.63	-4.52	0.0	0	1.3	19.5	0.8	3.1	0.0	3.1	
VMP-59-30-Dup	3/26/2015	0916	NM	NM	0.0	0	1.4	19.4	0.8	3.2	0.0	3.2	Duplicate Sample
VMP-59-30	4/23/2015	0938	-4.23	-6.26	0.0	0	1.7	19.1	1.2	5.7	4.9	0.8	
VMP-59-30	5/21/2015	0857	-4.70	-4.68	0.0	0	1.6	18.3	0.6	3.3	0.0	3.3	
VMP-59-30	6/17/2015	0900	-4.62	-4.51	0.0	0	2.4	18.0	1.0	2.5	0.0	2.5	
VMP-59-30	7/23/2015	0915	-4.93	-4.77	0.0	0	2.6	18.5	0.5	2.4	0.0	2.4	
VMP-59-30	8/19/2015	1430	-4.81	-4.89	0.0	0	3.2	16.9	3.8	27.2	9.2	18.0	
VMP-59-30	9/16/2015	1416	-4.76	-4.68	0.0	0	2.9	17.8	0.8	1.8	0.0	1.8	
VMP-59-30	10/21/2015	1443	-4.95	-4.92	0.0	0	2.5	18.3	0.4	0.5	0.0	0.5	
VMP-59-30	11/24/2015	0905	-6.21	-6.18	0.0	0	2.3	18.8	0.1	0.0	0.0	0.0	
VMP-59-30-Dup	11/24/2015	0905	NM	NM	0.0	0	2.3	18.8	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-59-30-Dup	11/24/2015	0910	NM	NM	0.0	0	2.3	18.8	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-59-30	12/16/2015	1430	-6.22	-6.35	0.0	0	2.1	19.0	0.1	0.0	0.0	0.0	
VMP-59-30	1/21/2016	0925	-2.54	-2.49	0.0	0	1.9	18.7	0.2	0.0	0.0	0.0	
VMP-59-30	2/17/2016	1420	-5.38	-5.47	0.0	0	1.6	19.1	0.3	0.0	0.0	0.0	
VMP-59-30	3/22/2016	1435	-4.13	-4.37	0.0	0	1.3	19.5	0.3	0.0	0.0	0.0	
VMP-59-30	4/21/2016	0935	-3.25	-4.59	0.0	0	1.5	18.9	1.3	2.0	0.0	2.0	
VMP-59-30	5/18/2016	1545	-5.93	-5.99	0.0	0	1.4	19.2	3.3	1.6	0.0	1.6	
VMP-59-30	6/21/2016	1440	-5.58	-5.58	0.0	0	1.8	18.6	3.7	7.5	0.0	7.5	
VMP-59-30	7/20/2016	1059	-0.63	-0.53	0.0	0	1.0	19.9	3.5	2.5	0.0	2.5	
VMP-59-30	8/24/2016	1533	-7.71	-7.78	0.0	0	2.2	18.3	11.3	9.2	0.0	9.2	
VMP-59-30	9/21/2016	1419	-6.48	-6.24	0.0	0	2.3	18.3	3.6	15.4	2.9	12.5	
VMP-59-30	10/20/2016	1528	-2.78	-2.85	0.0	0	2.2	18.7	0.7	0.4	0.0	0.4	
VMP-59-30	11/17/2016	0843	-5.57	-5.55	0.0	0	1.6	19.1	1.8	0.8	0.0	0.8	
VMP-59-30-Dup	11/17/2016	0843	NM	NM	0.0	0	1.6	19.1	2.7	1.0	0.0	1.0	Duplicate sample.
VMP-59-30	12/21/2016	1435	-5.18	-5.18	0.0	0	1.0	20.1	0.1	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-60-5	1/29/2015	1354	-0.45	-0.48	0.0	0	0.2	20.9	0.9	0.8	0.0	0.8	
VMP-60-5	2/25/2015	0919	-0.35	-0.31	0.0	0	0.1	20.7	0.6	0.6	0.0	0.6	
VMP-60-5	3/25/2015	1428	-0.58	-0.58	0.0	0	0.2	20.7	0.9	1.8	0.0	1.8	
VMP-60-5	3/25/2015	1443	-0.58	-0.58	0.0	0	0.2	20.7	0.9	1.8	0.0	1.8	
VMP-60-5	4/22/2015	1000	-0.86	-0.72	0.0	0	0.3	20.7	0.8	0.8	0.0	0.8	
VMP-60-5	5/20/2015	0858	-0.60	-0.55	0.0	0	0.5	20.4	0.4	0.7	0.0	0.7	
VMP-60-5	6/17/2015	0850	-0.73	-0.64	0.0	0	0.7	20.2	0.6	3.3	0.0	3.3	
VMP-60-5	7/22/2015	0851	-0.11	-0.48	0.0	0	0.9	19.9	0.2	0.0	0.0	0.0	
VMP-60-5	8/19/2015	0930	-0.42	-0.59	0.0	0	1.0	19.8	0.2	0.0	0.0	0.0	
VMP-60-5	9/16/2015	0859	-0.42	-0.38	0.0	0	0.8	20.1	0.3	0.0	0.0	0.0	
VMP-60-5	10/21/2015	1304	-0.28	-0.24	0.0	0	0.3	20.7	0.6	0.0	0.0	0.0	
VMP-60-5	11/23/2015	0905	-0.86	-0.51	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-60-5	12/16/2015	0930	-0.88	-0.87	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-60-5	1/20/2016	1037	-0.37	-0.31	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-60-5	2/17/2016	0936	-0.48	-0.57	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-60-5	3/22/2016	0905	-0.51	-0.46	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-60-5	4/20/2016	0930	2.39	-0.33	0.0	0	0.3	20.4	0.8	0.0	0.0	0.0	
VMP-60-5	5/18/2016	1225	-0.99	-0.96	0.0	0	0.3	20.7	0.9	0.0	0.0	0.0	
VMP-60-5	6/21/2016	0845	-0.49	-0.66	0.0	0	0.2	20.7	0.8	0.0	0.0	0.0	
VMP-60-5	7/21/2016	0905	-0.70	-0.59	0.0	0	0.7	20.1	0.7	0.0	0.0	0.0	
VMP-60-5	8/24/2016	0855	-0.65	-0.53	0.0	0	0.5	20.5	0.8	0.0	0.0	0.0	
VMP-60-5	9/21/2016	0916	-0.67	-0.70	0.0	0	0.4	20.2	0.7	0.0	0.0	0.0	
VMP-60-5	10/20/2016	0920	-0.90	-0.73	0.0	0	0.1	20.4	0.2	2.5	2.5	0.0	
VMP-60-5	11/16/2016	0934	-0.37	-0.27	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-60-5	12/5/2016	0850	-0.03	NM	0.0	0	0.7	19.9	1.5	8.4	2.4	6.0	
VMP-60-5	12/22/2016	0920	-0.53	-0.50	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-60-10	1/29/2015	1359	-0.62	-0.65	0.0	0	0.4	20.8	1.5	0.5	0.0	0.5	
VMP-60-10	2/25/2015	0918	-0.43	-0.40	0.0	0	0.3	20.6	0.7	0.4	0.0	0.4	
VMP-60-10	3/25/2015	1428	-0.66	-0.69	0.0	0	0.4	20.6	1.2	1.5	0.0	1.5	
VMP-60-10	3/25/2015	1449	-0.66	-0.69	0.0	0	0.4	20.6	1.2	1.5	0.0	1.5	
VMP-60-10	4/22/2015	1004	-1.03	-0.92	0.0	0	0.5	20.5	0.5	0.3	0.0	0.3	
VMP-60-10	5/20/2015	0903	-0.34	-0.68	0.0	0	0.7	20.2	0.4	0.4	0.0	0.4	
VMP-60-10	6/17/2015	0855	-0.57	-0.79	0.0	0	1.0	20.0	0.6	2.9	0.0	2.9	
VMP-60-10	7/22/2015	0855	0.00	-0.89	0.0	0	1.2	19.6	0.2	0.0	0.0	0.0	
VMP-60-10	8/19/2015	0935	-0.51	-0.68	0.0	0	1.5	19.5	0.2	0.0	0.0	0.0	Water present in Tedlar.
VMP-60-10	9/16/2015	0904	-0.32	-0.75	0.0	0	1.3	19.8	0.6	0.0	0.0	0.0	
VMP-60-10	10/21/2015	1308	-0.17	-0.14	0.0	0	0.7	20.3	0.9	0.0	0.0	0.0	
VMP-60-10	11/23/2015	0910	-0.65	0.00	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-60-10	12/16/2015	0935	-0.68	-0.82	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-60-10	1/20/2016	1042	-0.22	-0.35	0.0	0	0.4	20.9	0.1	0.0	0.0	0.0	
VMP-60-10	2/17/2016	0941	-0.58	-0.42	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-60-10	3/22/2016	0910	-0.30	-0.60	0.0	0	0.3	20.6	0.4	0.0	0.0	0.0	
VMP-60-10	4/20/2016	0935	3.48	-0.20	0.0	0	0.4	20.4	1.1	0.0	0.0	0.0	
VMP-60-10	5/18/2016	1230	-0.60	-1.13	0.0	0	0.5	20.5	1.4	0.0	0.0	0.0	
VMP-60-10	6/21/2016	0850	-0.32	-0.41	0.0	0	0.6	20.0	1.9	0.0	0.0	0.0	
VMP-60-10	7/21/2016	0910	-5.66	-1.91	0.0	0	0.9	20.1	1.4	0.0	0.0	0.0	
VMP-60-10	8/24/2016	0856	-27.89	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-60-10	9/21/2016	0917	-9.78	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-60-10	10/20/2016	0921	-0.19	-0.78	0.0	0	0.7	20.2	0.1	0.0	0.0	NM	
VMP-60-10	11/16/2016	0935	0.00	0.00	0.0	0	0.6	20.5	0.1	0.0	0.0	0.0	
VMP-60-10	12/5/2016	0851	-0.03	NM	0.0	0	1.0	20.0	2.1	20.9	10.3	10.6	
VMP-60-10	12/22/2016	0921	-0.70	-0.57	0.0	0	0.6	20.3	0.1	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-60-20	1/29/2015	1404	-2.40	-2.18	0.0	0	1.2	20.4	1.5	0.7	0.0	0.7	
VMP-60-20	2/25/2015	0917	-0.34	-1.74	0.0	0	1.0	20.3	0.6	0.1	0.0	0.1	
VMP-60-20	3/25/2015	1429	-1.91	-1.38	0.0	0	0.8	20.5	0.9	1.3	0.0	1.3	
VMP-60-20	3/25/2015	1454	-1.91	-1.38	0.0	0	0.8	20.5	0.9	1.3	0.0	1.3	
VMP-60-20	4/22/2015	1008	-2.64	-2.72	0.0	0	0.7	20.4	0.5	0.2	0.0	0.2	
VMP-60-20	5/20/2015	0908	-2.23	-2.29	0.0	0	1.0	20.1	0.5	0.2	0.0	0.2	
VMP-60-20	6/17/2015	0900	-2.43	-2.33	0.0	0	1.0	20.1	0.7	2.7	0.0	2.7	
VMP-60-20	7/22/2015	0900	-2.32	-2.33	0.0	0	1.6	19.3	0.5	0.0	0.0	0.0	
VMP-60-20	8/19/2015	0940	-1.62	-2.19	0.0	0	2.0	19.2	0.2	0.0	0.0	0.0	
VMP-60-20	9/16/2015	0909	-2.48	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-60-20	10/21/2015	1312	-0.68	-2.14	0.0	0	1.7	19.6	1.2	0.0	0.0	0.0	
VMP-60-20-Dup	10/21/2015	1312	NM	NM	0.0	0	1.7	19.7	1.2	0.0	0.0	0.0	Duplicate sample.
VMP-60-20	11/23/2015	0915	-2.76	-2.60	0.0	0	1.4	20.2	0.0	0.0	0.0	0.0	
VMP-60-20	12/16/2015	0940	-2.95	-2.94	0.0	0	1.0	20.3	0.3	0.0	0.0	0.0	
VMP-60-20	1/20/2016	1047	-3.54	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-60-20	2/17/2016	0946	-2.26	-2.40	0.0	0	0.7	20.4	0.3	0.0	0.0	0.0	
VMP-60-20	3/22/2016	0915	-2.42	-2.34	0.0	0	0.5	20.5	0.4	0.0	0.0	0.0	
VMP-60-20	4/20/2016	0940	3.50	-0.73	0.0	0	0.6	20.4	0.5	0.0	0.0	0.0	
VMP-60-20	5/18/2016	1235	-3.21	-3.16	0.0	0	0.7	20.3	1.7	0.0	0.0	0.0	
VMP-60-20	6/21/2016	0855	-2.16	-2.81	0.0	0	0.7	20.2	2.3	1.4	0.0	1.4	
VMP-60-20	7/21/2016	0914	-4.96	-2.05	0.0	0	0.9	20.2	0.8	0.0	0.0	0.0	
VMP-60-20	8/24/2016	0857	-3.81	-3.29	0.0	0	0.1	20.0	1.0	0.0	0.0	0.0	
VMP-60-20	9/21/2016	0919	-3.70	-3.06	0.0	0	1.2	19.7	1.2	0.0	0.0	0.0	
VMP-60-20	10/20/2016	0922	-1.88	-1.54	0.0	0	1.3	20.0	0.1	0.0	0.0	0.0	
VMP-60-20	11/16/2016	0936	-2.30	-2.16	0.0	0	1.0	20.2	0.1	0.0	0.0	0.0	
VMP-60-20	12/5/2016	0852	-0.03	NM	0.0	0	0.7	20.1	1.5	4.2	0.0	4.2	
VMP-60-20	12/22/2016	0922	-2.42	-2.39	0.0	0	1.1	19.9	0.1	0.0	0.0	0.0	
VMP-60-20-Dup	12/22/2016	0922	NM	NM	0.0	0	1.1	19.9	0.2	0.0	0.0	0.0	Duplicate sample.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-60-33.5	1/29/2015	1409	-5.24	-5.18	OVR	OVR	9.3	0.3	94.0	1000000	1000000	0.0	
VMP-60-33.5	2/25/2015	0926	-4.21	-4.00	OVR	OVR	10.0	1.2	162	1000000	554000	446000	
VMP-60-33.5-Dup	2/25/2015	0926	NM	NM	OVR	OVR	9.9	2.8	162	1000000	500000	500000	Duplicate Sample
VMP-60-33.5	3/25/2015	1429	-4.05	-4.07	OVR	OVR	9.3	0.8	146	1000000	960000	40000	
VMP-60-33.5	3/25/2015	1500	-4.05	-4.07	OVR	OVR	9.3	0.8	146	1000000	960000	40000	
VMP-60-33.5	4/22/2015	1054	-5.10	-3.80	OVR	OVR	9.7	0.5	168	1000000	852000	148000	
VMP-60-33.5	5/20/2015	0913	-1.49	-4.68	OVR	OVR	9.3	0.5	115	1000000	971000	29000	
VMP-60-33.5-Dup	5/20/2015	0913	NM	NM	OVR	OVR	9.1	0.4	115	1000000	939000	61000	Duplicate sample.
VMP-60-33.5	6/17/2015	0905	-4.92	-4.77	OVR	OVR	9.0	0.6	101	1000000	1000000	0.0	
VMP-60-33.5	7/22/2015	0905	-5.15	-5.06	OVR	OVR	11.1	2.4	82.6	342000	139000	203000	
VMP-60-33.5-Dup	7/22/2015	0905	NM	NM	OVR	OVR	11.4	1.7	82.6	366000	143000	223000	Duplicate Sample.
VMP-60-33.5	8/19/2015	0945	-2.98	-5.19	OVR	OVR	11.9	0.9	162	585000	207000	378000	
VMP-60-33.5	9/16/2015	0914	-5.97	-5.42	OVR	OVR	8.7	1.1	113	1000000	905000	95000	
VMP-60-33.5	10/21/2015	1316	-5.13	-5.36	OVR	OVR	8.8	0.5	141	1000000	1000000	0.0	
VMP-60-33.5	11/23/2015	0920	-6.94	-6.39	OVR	OVR	9.4	0.4	144	1000000	769000	231000	
VMP-60-33.5	12/16/2015	0945	-6.55	-6.54	OVR	OVR	9.6	0.9	195	1000000	655000	345000	
VMP-60-33.5-Dup	12/16/2015	0946	NM	NM	OVR	OVR	9.6	0.7	201	1000000	678000	322000	Duplicate sample.
VMP-60-33.5	1/20/2016	1050	-1.91	-1.79	OVR	OVR	10.2	0.8	169	1000000	441000	559000	
VMP-60-33.5-Dup	1/20/2016	1050	NM	NM	OVR	OVR	10.3	0.7	169	1000000	471000	529000	Duplicate sample.
VMP-60-33.5	2/17/2016	0951	-5.06	-5.59	OVR	OVR	9.6	1.0	146	1000000	752000	248000	
VMP-60-33.5	3/22/2016	0920	-5.58	-5.78	OVR	OVR	10.3	1.6	120	1000000	683000	317000	
VMP-60-33.5	4/20/2016	0945	0.09	-1.39	OVR	OVR	11.9	1.5	170	419000	191000	228000	
VMP-60-33.5	5/18/2016	1240	-6.41	-6.51	OVR	OVR	11.0	2.4	181	1000000	361000	639000	
VMP-60-33.5	6/21/2016	0900	-5.96	-7.33	OVR	OVR	11.5	2.1	176	1000000	285000	715000	
VMP-60-33.5	7/21/2016	0919	-8.69	-5.29	OVR	OVR	10.1	0.9	131	1000000	536000	464000	
VMP-60-33.5	8/24/2016	0858	-8.50	-8.90	OVR	OVR	9.7	1.0	116	1000000	485000	515000	
VMP-60-33.5	9/21/2016	0920	-34.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-60-33.5	10/20/2016	0923	-3.23	-2.93	OVR	OVR	6.7	8.6	114	575000	233000	342000	
VMP-60-33.5	11/16/2016	0937	-2.56	-0.94	80.2	OVR	1.9	17.8	212	75640	45290	30350	Re-sampled due to lower concentrations.
VMP-60-33.5	11/18/2016	1027	-0.89	NM	0.0	0	0.0	20.9	2.3	0.0	0.0	0.0	Re-sample.
VMP-60-33.5	12/5/2016	0853	-0.04	NM	OVR	OVR	3.0	15.8	79.2	161000	91400	69600	
VMP-60-33.5	12/22/2016	0923	-4.25	-3.04	15.1	OVR	1.0	19.4	144	26900	15921	10979	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-61-5	1/28/2015	1343	0.20	0.00	0.0	0	0.6	20.4	1.3	0.3	0.0	0.3	
VMP-61-5	2/25/2015	1529	0.00	-0.10	0.0	0	0.5	20.6	0.6	0.2	0.0	0.2	
VMP-61-5	3/26/2015	1035	-0.30	-0.26	0.0	0	0.4	20.6	0.8	0.4	0.0	0.4	
VMP-61-5	4/22/2015	1604	-0.24	-0.21	0.0	0	0.7	20.4	0.7	0.0	0.0	0.0	
VMP-61-5	5/20/2015	1525	-0.35	-0.32	0.0	0	0.9	20.0	0.2	0.9	0.0	0.9	
VMP-61-5	6/17/2015	0952	-0.26	-0.27	0.0	0	1.3	19.4	0.6	0.0	0.0	0.0	
VMP-61-5	7/22/2015	1522	-0.72	-0.19	0.0	0	1.5	19.5	0.2	0.0	0.0	0.0	
VMP-61-5	8/19/2015	1510	-0.25	-0.20	0.0	0	2.0	18.7	0.4	0.0	0.0	0.0	
VMP-61-5	9/16/2015	1546	-0.25	-0.12	0.0	0	1.9	19.2	0.0	0.0	0.0	0.0	
VMP-61-5	10/21/2015	1258	-0.09	-0.09	0.0	0	1.4	19.6	0.0	0.0	0.0	0.0	
VMP-61-5	11/23/2015	1450	-0.28	-0.28	0.0	0	1.0	19.9	0.2	0.0	0.0	0.0	
VMP-61-5	12/16/2015	1525	-0.54	-1.21	0.0	0	0.8	20.5	0.2	0.0	0.0	0.0	
VMP-61-5	1/22/2016	1315	-0.19	-0.19	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-61-5	2/18/2016	1333	0.10	0.00	0.0	0	0.3	20.5	0.3	0.0	0.0	0.0	
VMP-61-5	3/22/2016	1530	0.00	0.00	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-61-5	4/21/2016	1025	-0.14	-0.20	0.0	0	0.6	20.2	0.4	0.0	0.0	0.0	
VMP-61-5	5/18/2016	1415	-0.39	-0.33	0.0	0	0.0	20.9	0.7	0.0	0.0	0.0	
VMP-61-5	6/21/2016	1535	-0.41	-0.19	0.0	0	1.1	19.5	1.6	0.5	0.0	0.5	
VMP-61-5	7/20/2016	1230	0.28	0.17	0.0	0	1.5	19.3	2.4	0.0	0.0	0.0	
VMP-61-5	8/25/2016	0850	-0.47	-0.48	0.0	0	1.4	19.6	1.6	0.0	0.0	0.0	
VMP-61-5	9/21/2016	1550	-0.26	-0.25	0.0	0	1.3	19.2	0.8	0.0	0.0	0.0	
VMP-61-5	10/21/2016	0920	-0.52	-0.41	0.0	0	1.5	19.5	0.5	0.0	0.0	0.0	
VMP-61-5	11/16/2016	1411	-0.20	-0.22	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-61-5	12/21/2016	1526	-0.17	-0.18	0.0	0	0.6	20.3	0.3	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-61-10	1/28/2015	1343	0.00	-0.24	0.0	0	0.9	20.2	1.7	0.3	0.0	0.3	
VMP-61-10	1/28/2015	1347	0.00	-0.24	0.0	0	0.9	20.2	1.7	0.3	0.0	0.3	
VMP-61-10	2/25/2015	1534	-0.16	-0.43	0.0	0	0.9	20.5	0.5	0.2	0.0	0.2	
VMP-61-10	3/26/2015	1039	-0.50	-0.47	0.0	0	0.6	20.6	0.6	0.7	0.0	0.7	
VMP-61-10	4/22/2015	1608	-0.41	-0.40	0.0	0	0.7	20.5	0.9	0.1	0.0	0.1	
VMP-61-10	5/20/2015	1530	-0.57	-0.55	0.0	0	0.7	20.2	0.3	0.8	0.0	0.8	
VMP-61-10	6/17/2015	0957	-0.19	-0.46	0.0	0	0.9	20.0	0.6	0.6	0.0	0.6	
VMP-61-10	7/22/2015	1527	-0.33	-0.36	0.0	0	1.3	19.9	0.4	0.0	0.0	0.0	
VMP-61-10	8/19/2015	1515	-0.47	-0.42	0.0	0	1.3	19.5	0.4	0.0	0.0	0.0	
VMP-61-10	9/16/2015	1551	-0.22	-0.25	0.0	0	1.3	19.8	0.1	0.0	0.0	0.0	
VMP-61-10	10/21/2015	1532	-0.18	-0.19	0.0	0	1.2	19.8	0.1	0.0	0.0	0.0	
VMP-61-10	11/23/2015	1455	-0.49	-0.12	0.0	0	1.1	19.7	0.1	0.0	0.0	0.0	
VMP-61-10	12/16/2015	1530	-0.80	-0.80	0.0	0	0.9	20.3	0.2	0.0	0.0	0.0	
VMP-61-10	1/22/2016	1320	-0.31	-0.60	0.0	0	0.1	20.5	0.0	0.0	0.0	0.0	
VMP-61-10	2/18/2016	1338	0.00	-0.34	0.0	0	0.4	0.5	0.0	0.0	0.0	0.0	
VMP-61-10	3/22/2016	1535	0.00	-0.16	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-61-10	4/21/2016	1030	-0.23	-0.35	0.0	0	0.4	20.4	0.5	0.0	0.0	0.0	
VMP-61-10	5/18/2016	1420	-0.62	-0.57	0.0	0	0.5	20.4	0.5	0.0	0.0	0.0	
VMP-61-10	6/21/2016	1540	-0.74	-0.34	0.0	0	0.5	20.4	0.5	0.0	0.0	0.0	
VMP-61-10	7/20/2016	1235	-0.28	0.35	0.0	0	0.7	20.1	1.1	0.0	0.0	0.0	
VMP-61-10	8/25/2016	0851	-0.81	-0.87	0.0	0	0.8	20.0	1.2	0.0	0.0	0.0	
VMP-61-10	9/21/2016	1552	-0.37	-0.35	0.0	0	0.8	19.7	0.7	0.0	0.0	0.0	
VMP-61-10	10/21/2016	0921	-0.18	-0.47	0.0	0	0.8	20.1	0.1	0.0	0.0	0.0	
VMP-61-10	11/16/2016	1412	-0.35	-0.78	0.0	0	0.6	20.3	0.3	0.0	0.0	0.0	
VMP-61-10	12/21/2016	1529	-0.22	-0.32	0.0	0	0.7	20.1	0.3	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-61-20	1/28/2015	1347	0.21	0.00	0.0	0	1.4	19.7	1.5	0.3	0.0	0.3	
VMP-61-20	2/25/2015	1539	0.00	-0.13	0.0	0	0.5	20.7	0.7	0.2	0.0	0.2	
VMP-61-20	3/26/2015	1043	-0.30	-0.30	0.0	0	0.5	20.7	1.0	0.7	0.0	0.7	
VMP-61-20	4/22/2015	1612	-0.23	-0.23	0.0	0	0.6	20.4	1.2	0.6	0.0	0.6	
VMP-61-20	5/20/2015	1535	-0.28	-0.33	0.0	0	0.7	20.1	0.3	1.0	0.0	1.0	
VMP-61-20	6/17/2015	1002	-0.26	-0.26	0.0	0	1.2	19.6	0.6	0.4	0.0	0.4	
VMP-61-20	7/22/2015	1532	-0.27	-0.39	0.0	0	1.5	19.5	0.3	0.0	0.0	0.0	
VMP-61-20	8/19/2015	1520	-0.22	-0.22	0.0	0	1.7	19.0	0.3	0.0	0.0	0.0	
VMP-61-20	9/16/2015	1556	-0.10	-0.11	0.0	0	1.7	19.3	0.1	0.0	0.0	0.0	
VMP-61-20	10/21/2015	1536	-0.09	-0.09	0.0	0	1.3	19.8	0.0	0.0	0.0	0.0	
VMP-61-20	11/23/2015	1500	-0.18	-0.30	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-61-20	12/16/2015	1535	-0.59	-0.55	0.0	0	0.7	20.5	0.2	0.0	0.0	0.0	
VMP-61-20	1/22/2016	1325	-0.20	-0.20	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-61-20	2/18/2016	1343	0.09	0.00	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-61-20	3/22/2016	1540	0.00	-0.08	0.0	0	0.4	20.5	0.2	0.0	0.0	0.0	
VMP-61-20	4/21/2016	1035	-0.15	-0.23	0.0	0	0.7	20.2	0.5	0.0	0.0	0.0	
VMP-61-20	5/18/2016	1425	-0.33	-0.34	0.0	0	0.6	20.3	0.5	0.0	0.0	0.0	
VMP-61-20	6/21/2016	1545	-0.27	-0.20	0.0	0	0.9	19.8	1.5	0.8	0.0	0.8	
VMP-61-20	7/20/2016	1240	-0.47	0.18	0.0	0	1.2	19.3	2.5	0.0	0.0	0.0	
VMP-61-20	8/25/2016	0852	-0.98	-0.54	0.0	0	1.2	19.7	1.4	0.0	0.0	0.0	
VMP-61-20	9/21/2016	1553	-0.21	-0.60	0.0	0	1.3	19.4	1.1	0.0	0.0	0.0	
VMP-61-20	10/21/2016	0922	-0.48	-0.14	0.0	0	1.1	19.8	0.2	0.0	0.0	0.0	
VMP-61-20	11/16/2016	1413	-0.22	-0.29	0.0	0	0.8	20.1	0.1	0.0	0.0	0.0	
VMP-61-20	12/21/2016	1531	-0.18	-0.21	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-61-30	1/28/2015	1351	-2.61	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	2/25/2015	1544	-0.15	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	3/26/2015	1047	-0.61	-0.55	0.0	0	0.2	18.3	1.0	0.1	0.0	0.1	
VMP-61-30	4/22/2015	1616	-28.66	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	5/21/2015	1540	-0.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	6/17/2015	1007	-8.06	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	7/22/2015	1537	1.38	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	8/19/2015	1525	-0.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	9/16/2015	1601	-0.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	10/21/2015	1540	-0.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	11/23/2015	1505	-0.85	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	12/16/2015	1540	-1.16	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	1/22/2016	1330	-0.23	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	2/18/2016	1348	-3.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	3/22/2016	1545	0.52	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	4/21/2016	1040	-0.64	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	5/18/2016	1430	-0.76	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	6/21/2016	1550	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	7/20/2016	1408	-11.17	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	8/25/2016	0853	-15.86	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	9/21/2016	1555	-14.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	10/21/2016	0923	-0.35	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	11/17/2016	1414	0.53	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	12/22/2016	1533	0.11	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-62-5	1/29/2015	0943	0.00	0.00	0.0	0	0.7	20.3	1.7	0.4	0.0	0.4	
VMP-62-5	1/29/2015	0946	0.00	0.00	0.0	0	0.7	20.3	1.7	0.4	0.0	0.4	
VMP-62-5-Dup	1/29/2015	0943	NM	NM	0.0	0	0.7	20.2	1.7	0.2	0.0	0.2	Duplicate sample.
VMP-62-5-Dup	1/29/2015	0946	NM	NM	0.0	0	0.7	20.2	1.6	0.2	0.0	0.2	Duplicate Sample.
VMP-62-5	2/27/2015	1023	0.00	0.00	0.0	0	0.5	20.5	0.6	1.2	0.0	1.2	
VMP-62-5	3/26/2015	1330	0.00	0.00	0.0	0	0.8	20.1	1.0	0.7	0.0	0.7	
VMP-62-5	4/23/2015	1026	0.00	0.00	0.0	0	1.7	18.7	1.2	1.2	0.0	1.2	
VMP-62-5	5/21/2015	1012	-0.11	0.00	0.0	0	2.5	18.2	0.5	1.0	0.0	1.0	
VMP-62-5	6/18/2015	0848	0.00	0.00	0.0	0	3.9	15.2	0.4	0.9	0.0	0.9	
VMP-62-5	7/23/2015	1030	0.00	0.00	0.0	0	6.0	15.5	0.7	0.0	0.0	0.0	
VMP-62-5	8/20/2015	0931	0.00	0.00	0.0	0	5.2	15.8	0.2	0.0	0.0	0.0	
VMP-62-5	9/17/2015	0948	-0.44	0.00	0.0	0	2.8	18.3	0.6	0.0	0.0	0.0	
VMP-62-5	10/22/2015	0940	0.00	0.00	0.0	0	1.3	19.6	0.5	0.1	0.0	0.1	
VMP-62-5	11/24/2015	1440	0.00	0.00	0.0	0	1.7	19.4	0.1	0.0	0.0	0.0	
VMP-62-5	12/17/2015	1237	0.00	0.00	0.0	0	1.6	19.3	0.2	0.0	0.0	0.0	
VMP-62-5	1/21/2016	1055	0.00	0.00	0.0	0	0.9	20.1	0.2	0.0	0.0	0.0	
VMP-62-5	2/18/2016	1437	0.00	-2.30	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-62-5	3/23/2016	0855	-0.09	0.00	0.0	0	1.1	19.7	0.3	0.0	0.0	0.0	
VMP-62-5	4/20/2016	0840	-0.03	0.00	0.0	0	0.8	19.8	0.5	0.0	0.0	0.0	
VMP-62-5	5/19/2016	0945	0.00	0.00	0.0	0	2.2	18.2	0.7	0.0	0.0	0.0	
VMP-62-5	6/22/2016	0850	-0.20	0.00	0.0	0	4.0	16.9	0.4	0.0	0.0	0.0	
VMP-62-5	7/20/2016	1507	0.00	-1.09	0.0	0	4.4	16.4	0.0	0.0	0.0	0.0	
VMP-62-5	8/25/2016	1018	0.00	0.00	0.0	0	4.1	17.2	0.1	0.0	0.0	0.0	
VMP-62-5	9/22/2016	0945	0.00	0.00	0.0	0	4.2	16.6	0.3	0.0	0.0	0.0	
VMP-62-5	10/21/2016	1050	-0.21	-0.14	0.0	0	2.6	17.9	0.0	0.0	0.0	0.0	
VMP-62-5	11/17/2016	1015	0.00	0.00	0.0	0	2.0	19.1	0.3	0.0	0.0	0.0	
VMP-62-5	12/22/2016	0859	-0.22	-0.09	0.0	0	1.4	19.8	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-62-10	1/29/2015	0946	-0.16	0.00	0.0	0	0.1	20.0	1.7	0.4	0.0	0.4	
VMP-62-10	2/27/2015	1023	-0.09	-0.15	0.0	0	0.8	20.4	0.6	0.2	0.0	0.2	
VMP-62-10	3/26/2015	1334	-0.09	-0.09	0.0	0	0.8	20.3	1.0	0.7	0.0	0.7	
VMP-62-10	4/23/2015	1027	-0.31	0.00	0.0	0	1.2	19.3	1.3	1.4	0.0	1.4	
VMP-62-10	5/21/2015	1016	-0.12	0.00	0.0	0	1.6	18.6	0.6	1.6	0.0	1.6	
VMP-62-10	6/18/2015	0853	0.00	0.00	0.0	0	1.1	19.6	0.4	1.8	0.0	1.8	
VMP-62-10	7/23/2015	1035	0.00	0.00	0.0	0	2.1	19.2	0.4	0.0	0.0	0.0	
VMP-62-10	8/20/2015	0936	-0.12	-0.11	0.0	0	4.3	17.3	0.3	0.0	0.0	0.0	
VMP-62-10	9/17/2015	0953	0.25	0.00	0.0	0	2.2	18.9	0.6	0.0	0.0	0.0	
VMP-62-10	10/22/2015	0945	-0.11	-0.11	0.0	0	0.9	20.0	0.4	0.6	0.0	0.6	
VMP-62-10	11/24/2015	1445	0.00	0.00	0.0	0	0.6	20.5	0.1	0.0	0.0	0.0	
VMP-62-10	12/17/2015	1238	0.00	0.00	0.0	0	0.9	20.3	0.2	0.0	0.0	0.0	
VMP-62-10	1/21/2016	1100	0.00	0.00	0.0	0	1.2	19.8	0.3	0.0	0.0	0.0	
VMP-62-10	2/18/2016	1441	0.00	-0.30	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-62-10	3/23/2016	0900	-0.70	-0.64	0.0	0	1.0	19.9	0.3	0.0	0.0	0.0	
VMP-62-10	4/20/2016	0845	-0.12	-0.14	0.0	0	1.2	19.3	0.7	0.0	0.0	0.0	
VMP-62-10	5/19/2016	0950	-0.17	-0.15	0.0	0	2.2	18.7	0.9	0.0	0.0	0.0	
VMP-62-10	6/22/2016	0855	-0.30	0.00	0.0	0	3.0	17.9	0.5	0.0	0.0	0.0	
VMP-62-10	7/20/2016	1511	0.00	-1.92	0.0	0	3.6	17.5	0.2	0.0	0.0	0.0	
VMP-62-10-Dup	7/20/2016	1511	NM	NM	0.0	0	3.5	17.6	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-62-10	8/25/2016	1019	-0.13	-0.13	0.0	0	3.8	17.7	0.2	0.0	0.0	0.0	
VMP-62-10	9/22/2016	0946	0.00	0.00	0.0	0	3.5	17.7	0.3	0.0	0.0	0.0	
VMP-62-10	10/21/2016	1051	-0.26	-0.14	0.0	0	2.5	18.9	0.0	0.0	0.0	0.0	
VMP-62-10-Dup	10/21/2016	1051	NM	NM	0.0	0	2.5	18.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-62-10	11/17/2016	1016	0.00	0.00	0.0	0	1.5	19.6	0.7	0.0	0.0	0.0	
VMP-62-10	12/22/2016	0902	-0.20	-0.17	0.0	0	2.0	19.6	0.1	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-62-20	1/29/2015	0946	-1.66	-1.52	0.0	0	0.9	20.2	1.0	0.4	0.0	0.4	
VMP-62-20	2/27/2015	1023	-1.08	-1.12	0.0	0	0.7	20.4	0.5	0.2	0.0	0.2	
VMP-62-20	3/26/2015	1337	-1.02	-0.94	0.0	0	0.7	20.4	1.2	0.4	0.0	0.4	
VMP-62-20	4/23/2015	1028	-1.32	-0.94	0.0	0	0.9	19.6	0.9	1.4	0.0	1.4	
VMP-62-20	5/21/2015	1020	-1.26	-1.23	0.0	0	1.5	18.6	0.6	1.0	0.0	1.0	
VMP-62-20	6/18/2015	0858	-1.05	-1.17	0.0	0	2.5	18.1	7.0	1.1	0.0	1.1	
VMP-62-20	7/23/2015	1040	-1.36	-1.22	0.0	0	2.7	18.0	0.5	0.0	0.0	0.0	
VMP-62-20	8/20/2015	0941	-1.50	-1.52	0.0	0	3.5	18.0	0.6	0.0	0.0	0.0	
VMP-62-20	9/17/2015	0958	-1.31	0.00	0.0	0	3.0	18.4	0.5	0.0	0.0	0.0	
VMP-62-20	10/22/2015	0950	-1.48	-1.38	0.0	0	1.9	19.3	0.3	0.0	0.0	0.0	
VMP-62-20	11/24/2015	1450	-1.13	-1.19	0.0	0	1.4	19.7	0.3	0.0	0.0	0.0	
VMP-62-20	12/17/2015	1239	-0.14	-0.10	0.0	0	1.2	20.0	0.2	0.0	0.0	0.0	
VMP-62-20	1/21/2016	1105	-0.63	-0.56	0.0	0	1.0	20.0	0.3	0.0	0.0	0.0	
VMP-62-20	2/18/2016	1446	-0.87	-0.90	0.0	0	0.8	20.2	0.2	0.0	0.0	0.0	
VMP-62-20	3/23/2016	0905	-1.74	-1.60	0.0	0	0.7	20.2	0.2	0.0	0.0	0.0	
VMP-62-20	4/20/2016	0850	-1.45	-0.80	0.0	0	1.0	19.6	0.2	0.0	0.0	0.0	
VMP-62-20	5/19/2016	0955	-1.83	-1.71	0.0	0	1.7	19.2	0.4	0.0	0.0	0.0	
VMP-62-20	6/22/2016	0900	-1.87	-1.49	0.0	0	2.2	18.5	0.6	1.7	0.0	1.7	
VMP-62-20	7/20/2016	1518	-1.06	-0.25	0.0	0	2.9	17.9	0.4	0.0	0.0	0.0	
VMP-62-20	8/25/2016	1020	-2.32	-2.21	0.0	0	3.1	18.3	0.2	1.8	0.0	1.8	
VMP-62-20	9/22/2016	0947	-1.87	-1.75	0.0	0	3.0	18.1	0.1	2.3	0.0	2.3	
VMP-62-20	10/21/2016	1052	-0.90	-0.70	0.0	0	2.4	19.0	0.0	0.0	0.0	0.0	
VMP-62-20	11/17/2016	1017	-1.29	-1.15	0.0	0	1.8	19.3	0.3	0.0	0.0	0.0	
VMP-62-20	12/22/2016	0904	-1.73	-1.67	0.0	0	1.6	19.9	0.0	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-62-30	1/29/2015	0946	-3.46	-2.75	0.0	0	0.8	20.2	1.2	0.4	0.0	0.4	
VMP-62-30	2/27/2015	1023	-1.99	-2.00	0.0	0	0.6	20.6	0.9	0.2	0.0	0.2	
VMP-62-30	3/26/2015	1340	-1.85	-1.67	0.0	0	0.6	20.5	1.4	0.9	0.0	0.9	
VMP-62-30	4/23/2015	1029	-2.24	-1.60	0.0	0	0.6	19.7	0.8	0.7	0.0	0.7	
VMP-62-30	5/21/2015	1024	-2.17	-2.10	0.0	0	0.8	19.1	0.5	0.6	0.0	0.6	
VMP-62-30	6/18/2015	0903	-1.92	-2.13	0.0	0	1.6	18.6	0.5	1.2	0.0	1.2	
VMP-62-30-Dup	6/18/2015	0903	NM	NM	0.0	0	1.6	18.9	0.5	0.3	0.0	0.3	Duplicate sample.
VMP-62-30	7/23/2015	1045	-2.37	-2.21	0.0	0	2.4	18.5	0.5	0.0	0.0	0.0	
VMP-62-30	8/20/2015	0946	-2.70	-2.69	0.0	0	2.3	18.9	0.3	0.0	0.0	0.0	
VMP-62-30	9/17/2015	0958	-2.43	-0.18	0.0	0	1.8	19.3	0.5	0.0	0.0	0.0	
VMP-62-30-Dup	9/17/2015	0958	NM	NM	0.0	0	1.9	19.2	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-62-30	10/22/2015	0955	-2.78	-2.59	0.0	0	1.3	19.8	0.4	0.0	0.0	0.0	
VMP-62-30	11/24/2015	1455	-2.13	-2.22	0.0	0	1.0	20.1	0.1	0.0	0.0	0.0	
VMP-62-30	12/17/2015	1240	-0.25	-0.17	0.0	0	1.0	20.1	0.2	0.0	0.0	0.0	
VMP-62-30	1/21/2016	1110	-1.15	-1.01	0.0	0	0.8	20.0	0.3	0.0	0.0	0.0	
VMP-62-30	2/18/2016	1450	-1.62	-1.55	0.0	0	0.7	20.2	0.1	0.0	0.0	0.0	
VMP-62-30	3/23/2016	0910	-2.94	-2.78	0.0	0	0.4	20.6	0.3	0.0	0.0	0.0	
VMP-62-30	4/20/2016	0855	-2.55	-1.38	0.0	0	0.6	20.1	0.2	0.0	0.0	0.0	
VMP-62-30	5/19/2016	1000	-3.11	-2.92	0.0	0	1.0	19.7	0.6	0.0	0.0	0.0	
VMP-62-30	6/22/2016	0905	-3.12	-2.71	0.0	0	1.2	19.5	0.2	0.0	0.0	0.0	
VMP-62-30-Dup	6/22/2016	0905	NM	NM	0.0	0	1.2	19.5	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-62-30	7/20/2016	1522	-1.89	-0.83	0.0	0	1.4	19.3	0.1	0.0	0.0	0.0	
VMP-62-30	8/25/2016	1021	-4.15	-4.03	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	
VMP-62-30	9/22/2016	0948	-3.43	-3.29	0.0	0	1.5	19.7	0.0	0.0	0.0	0.0	
VMP-62-30	10/21/2016	1053	-1.25	-1.02	0.0	0	1.5	19.7	0.0	0.0	0.0	0.0	
VMP-62-30	11/17/2016	1018	-2.40	-2.20	0.0	0	1.1	19.8	0.2	0.0	0.0	0.0	
VMP-62-30	12/22/2016	906	-3.07	-2.96	0.0	0	1.0	20.0	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-63-5	1/28/2015	1606	-0.13	-0.11	0.0	0	0.1	20.9	0.9	0.9	0.0	0.9	
VMP-63-5	2/26/2015	1019	-0.27	-0.30	0.0	0	0.1	20.9	0.7	0.3	0.0	0.3	
VMP-63-5	3/26/2015	1130	-0.25	-0.17	0.0	0	0.2	20.9	0.9	0.9	0.0	0.9	
VMP-63-5	4/23/2015	1002	-0.30	-0.17	0.0	0	0.3	20.6	0.8	1.8	0.0	1.8	
VMP-63-5	5/21/2015	1030	-0.26	-0.29	0.0	0	0.3	20.6	0.2	1.4	0.0	1.4	
VMP-63-5	6/17/2015	1500	-0.21	-0.16	0.0	0	0.6	20.4	0.4	1.1	0.0	1.1	
VMP-63-5	7/23/2015	1000	-0.27	-0.23	0.0	0	0.6	20.6	0.3	0.0	0.0	0.0	
VMP-63-5	8/20/2015	0913	-0.27	-0.22	0.0	0	0.6	20.4	0.3	0.0	0.0	0.0	
VMP-63-5	9/17/2015	0928	-0.17	-0.14	0.0	0	0.3	20.6	0.6	0.0	0.0	0.0	
VMP-63-5	10/22/2015	0855	-0.27	-0.24	0.0	0	0.1	20.8	0.4	0.7	0.0	0.7	
VMP-63-5	11/24/2015	1400	-0.14	-0.19	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-63-5	12/17/2015	1159	0.00	0.00	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-63-5	1/21/2016	1035	-0.11	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-63-5	2/18/2016	1416	-0.22	-0.33	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-63-5	3/23/2016	1030	-1.92	-0.92	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-63-5	4/21/2016	1105	-0.20	-0.24	0.0	0	0.2	20.5	0.4	0.0	0.0	0.0	
VMP-63-5	5/19/2016	0915	-0.37	-0.34	0.0	0	0.4	20.7	0.4	0.0	0.0	0.0	
VMP-63-5	6/22/2016	0830	-0.44	-0.23	0.0	0	0.2	20.6	0.7	0.0	0.0	0.0	
VMP-63-5	7/20/2016	1435	-0.24	-0.25	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-63-5	8/25/2016	0930	-0.39	-0.41	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-63-5	9/22/2016	0927	-0.26	-0.26	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-63-5	10/21/2016	1030	-0.36	-0.27	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-63-5	11/17/2016	0945	-0.16	-0.16	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-63-5	12/22/2016	0814	-0.37	-0.33	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-63-10	1/28/2015	1606	0.00	-0.27	0.0	0	0.1	20.9	0.8	0.8	0.0	0.8	
VMP-63-10	2/26/2015	1024	-1.65	-0.85	0.0	0	0.1	20.8	0.8	0.3	0.0	0.3	
VMP-63-10	3/26/2015	1113	-0.88	-0.60	0.0	0	0.2	20.8	0.6	0.8	0.0	0.8	
VMP-63-10	3/26/2015	1133	-0.88	-0.60	0.0	0	0.2	20.8	0.6	0.8	0.0	0.8	
VMP-63-10	4/23/2015	1003	-0.88	-0.59	0.0	0	0.2	20.5	1.0	1.5	0.0	1.5	
VMP-63-10	5/21/2015	1034	-0.63	-0.66	0.0	0	0.5	20.4	0.2	0.9	0.0	0.9	
VMP-63-10	6/17/2015	1505	-0.50	-0.42	0.0	0	0.9	20.2	0.6	0.0	0.0	0.0	
VMP-63-10	7/23/2015	1005	-0.61	-0.55	0.0	0	0.8	20.3	0.6	0.0	0.0	0.0	
VMP-63-10	8/20/2015	0918	-0.58	-0.52	0.0	0	0.7	20.2	0.2	0.0	0.0	0.0	
VMP-63-10	9/17/2015	0933	-0.42	-0.34	0.0	0	0.4	20.5	0.6	0.0	0.0	0.0	
VMP-63-10	10/22/2015	0900	-0.54	-0.49	0.0	0	0.1	20.7	0.3	0.0	0.0	0.0	
VMP-63-10	11/24/2015	1405	-0.34	-0.41	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-63-10	12/17/2015	1200	0.00	-0.30	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-63-10	1/21/2016	1040	-0.76	-0.38	0.0	0	0.0	20.9	0.3	0.0	0.0	0.4	
VMP-63-10	2/18/2016	1420	-0.24	-0.80	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-63-10	3/23/2016	1035	-1.01	0.00	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-63-10	4/21/2016	1110	0.00	-0.83	0.0	0	0.2	20.6	0.7	0.0	0.0	0.0	
VMP-63-10	5/19/2016	0920	-1.32	-1.24	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-63-10	6/22/2016	0835	-0.89	-0.64	0.0	0	0.4	20.4	0.8	0.0	0.0	0.0	
VMP-63-10	7/20/2016	1439	-0.40	-0.83	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-63-10	8/25/2016	0931	-0.86	-0.89	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-63-10	9/22/2016	0928	-0.62	-0.62	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-63-10	10/21/2016	1031	-0.50	-0.35	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-63-10	11/17/2016	0946	-0.38	-0.35	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-63-10	12/22/2016	0816	-0.60	-0.58	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-63-20	1/28/2015	1606	-0.90	-0.90	0.0	0	0.2	20.9	0.9	0.5	0.0	0.5	
VMP-63-20	2/26/2015	1029	-1.93	-1.80	0.0	0	0.2	20.8	0.8	0.2	0.0	0.2	
VMP-63-20	3/26/2015	1137	-1.59	-1.45	0.0	0	0.2	20.8	0.8	0.5	0.0	0.5	
VMP-63-20	4/23/2015	1004	-1.83	-2.39	0.0	0	0.3	20.4	1.3	1.0	0.0	1.0	
VMP-63-20	5/21/2015	1038	-1.71	-1.74	0.0	0	0.4	20.3	0.4	1.2	0.0	1.2	
VMP-63-20	6/17/2015	1510	-1.62	-1.47	0.0	0	0.7	20.3	0.6	0.0	0.0	0.0	
VMP-63-20	7/23/2015	1010	-1.87	-1.80	0.0	0	0.9	20.1	0.5	0.0	0.0	0.0	
VMP-63-20	8/20/2015	0923	-1.90	-1.90	0.0	0	0.8	20.1	0.3	0.0	0.0	0.0	
VMP-63-20	9/17/2015	0938	-1.72	-1.60	0.0	0	0.7	20.4	0.5	0.0	0.0	0.0	
VMP-63-20	10/22/2015	0905	-2.04	-1.88	0.0	0	0.3	20.6	0.4	0.6	0.0	0.6	
VMP-63-20	11/24/2015	1410	-1.47	-1.60	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-63-20	12/17/2015	1201	-0.22	-0.47	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-63-20-Dup	12/17/2015	1201	NM	NM	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-63-20-Dup	12/17/2015	1206	NM	NM	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-63-20	1/21/2016	1045	-1.09	-0.81	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-63-20	2/18/2016	1424	-1.39	-1.21	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-63-20	3/23/2016	1040	-2.12	-1.99	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-63-20	4/21/2016	1120	-1.81	-1.95	0.0	0	0.2	20.6	0.3	0.0	0.0	0.0	
VMP-63-20	5/19/2016	0925	-2.54	-2.41	0.0	0	0.4	20.6	0.3	0.0	0.0	0.0	
VMP-63-20	6/22/2016	0840	-2.30	-2.02	0.0	0	0.6	20.2	0.4	0.0	0.0	0.0	
VMP-63-20	7/20/2016	1443	-1.30	-1.43	0.0	0	0.7	20.2	0.1	0.0	0.0	0.0	
VMP-63-20	8/25/2016	0932	-3.20	-3.13	0.0	0	0.5	20.4	0.3	0.0	0.0	0.0	
VMP-63-20	9/22/2016	0929	-2.42	-2.42	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-63-20	10/21/2016	1032	-1.11	-0.89	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-63-20	11/17/2016	0947	-1.62	-1.51	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-63-20	12/22/2016	0819	-2.08	-1.97	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-63-30	1/28/2015	1606	-1.12	-1.10	0.0	0	0.5	20.6	0.9	0.0	0.0	0.0	
VMP-63-30	2/26/2015	1034	-2.28	-2.12	0.0	0	0.4	20.6	0.5	0.1	0.0	0.1	
VMP-63-30	3/26/2015	1140	-1.81	-1.67	0.0	0	0.3	20.7	0.7	0.4	0.0	0.4	
VMP-63-30	4/23/2015	1005	-2.07	-1.55	0.0	0	0.3	20.2	1.0	0.8	0.0	0.8	
VMP-63-30	5/21/2015	1042	-1.97	-1.99	0.0	0	0.3	20.3	0.4	1.0	0.0	1.0	
VMP-63-30	6/17/2015	1515	-2.11	-1.88	0.0	0	0.7	20.1	0.7	0.0	0.0	0.0	
VMP-63-30	7/23/2015	1015	-3.13	-2.09	0.0	0	1.0	19.8	0.6	0.0	0.0	0.0	
VMP-63-30	8/20/2015	0928	-2.35	-2.24	0.0	0	1.4	19.4	0.3	0.0	0.0	0.0	
VMP-63-30	9/17/2015	0943	-2.14	-1.94	0.0	0	1.0	20.1	0.4	0.0	0.0	0.0	
VMP-63-30	10/22/2015	0910	-2.44	-2.26	0.0	0	0.5	20.5	0.5	0.0	0.0	0.0	
VMP-63-30	11/24/2015	1415	-1.93	-2.00	0.0	0	0.4	20.7	0.1	0.0	0.0	0.0	
VMP-63-30	12/17/2015	1202	-0.27	-0.50	0.0	0	0.4	20.8	0.2	0.0	0.0	0.0	
VMP-63-30	1/21/2016	1100	-1.23	-0.95	0.0	0	0.4	20.5	0.2	0.0	0.0	0.0	
VMP-63-30-Dup	1/21/2016	1101	NM	NM	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-63-30	2/18/2016	1429	-1.43	-1.50	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-63-30	3/23/2016	1045	-2.42	-2.28	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-63-30	4/21/2016	1120	-1.81	-1.95	0.0	0	0.3	20.5	1.2	0.0	0.0	0.0	
VMP-63-30	5/19/2016	0930	-2.88	-2.74	0.0	0	0.4	20.4	0.3	0.0	0.0	0.0	
VMP-63-30-Dup	5/19/2016	0930	NM	NM	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-63-30	6/22/2016	0845	-2.62	-2.37	0.0	0	0.8	20.0	0.6	0.0	0.0	0.0	
VMP-63-30	7/20/2016	1448	-1.53	-1.69	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-63-30	8/25/2016	0933	-3.51	-3.67	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-63-30	9/22/2016	0930	-2.93	-2.88	0.0	0	0.8	20.2	0.2	0.0	0.0	0.0	
VMP-63-30	10/21/2016	1033	-1.05	-0.84	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-63-30	11/17/2016	0948	-2.58	-1.83	0.0	0	0.6	20.4	0.3	0.0	0.0	0.0	
VMP-63-30	12/22/2016	0821	-2.44	-2.35	0.0	0	0.5	20.6	0.1	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-64-5	1/28/2015	1537	-0.16	0.00	0.0	0	0.1	20.6	1.1	1.1	0.0	1.1	
VMP-64-5	2/27/2015	0905	0.00	0.00	0.0	0	0.1	20.9	0.7	1.9	0.0	1.9	
VMP-64-5	3/26/2015	1110	0.00	0.00	0.0	0	0.1	20.8	0.5	1.3	0.0	1.3	
VMP-64-5	4/23/2015	0931	0.00	0.00	0.0	0	0.3	20.4	1.3	1.8	0.0	1.8	
VMP-64-5	5/21/2015	0950	-0.09	0.00	0.0	0	0.2	20.6	0.5	2.7	0.0	2.7	
VMP-64-5	6/17/2015	1418	0.00	0.00	0.0	0	0.7	20.4	0.6	0.9	0.0	0.9	
VMP-64-5	7/23/2015	0925	-0.11	-0.09	0.0	0	0.9	20.4	0.3	0.5	0.0	0.5	
VMP-64-5	8/20/2015	0852	0.00	0.00	0.0	0	0.8	20.0	0.3	0.0	0.0	0.0	
VMP-64-5	9/17/2015	0904	-0.71	0.00	0.0	0	0.6	20.3	0.4	0.0	0.0	0.0	
VMP-64-5	10/22/2015	0830	-0.13	0.00	0.0	0	0.3	20.5	0.5	0.4	0.0	0.4	
VMP-64-5	11/24/2015	1335	0.00	0.00	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-64-5	12/17/2015	0918	0.00	0.00	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-64-5	1/21/2016	1015	0.00	0.00	0.0	0	0.1	20.8	0.1	0.1	0.0	0.1	
VMP-64-5	2/18/2016	1354	0.00	0.00	0.0	0	0.0	20.8	0.3	0.0	0.0	0.0	
VMP-64-5	3/23/2016	0830	-0.11	-0.11	0.0	0	0.1	20.7	0.3	0.0	0.0	0.0	
VMP-64-5	4/21/2016	1045	0.00	0.00	0.0	0	0.1	20.5	0.9	0.0	0.0	0.0	
VMP-64-5	5/19/2016	0850	0.00	0.00	0.0	0	0.2	20.6	0.7	0.3	0.0	0.3	
VMP-64-5	6/21/2016	1610	-0.09	-0.18	0.0	0	0.5	19.7	0.8	0.9	0.0	0.9	
VMP-64-5	7/20/2016	1412	5.92	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-64-5	8/25/2016	0911	-0.50	0.00	0.0	0	0.4	20.3	0.6	0.0	0.0	0.0	
VMP-64-5	9/22/2016	0859	0.00	0.00	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	
VMP-64-5	10/21/2016	1000	-0.17	-0.11	0.0	0	0.2	20.4	0.1	0.0	0.0	0.0	
VMP-64-5	11/17/2016	0905	0.00	0.00	0.0	0	0.1	20.8	0.7	0.0	0.0	0.0	
VMP-64-5	12/21/2016	1605	-0.14	-0.11	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	

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TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-64-10	1/28/2015	1537	0.00	0.00	0.0	0	1.6	19.9	1.1	0.2	0.0	0.2	
VMP-64-10-Dup	1/28/2015	1537	NM	NM	0.0	0	1.6	19.8	1.1	0.2	0.0	0.2	Duplicate sample.
VMP-64-10	2/27/2015	0905	-0.54	-0.15	0.0	0	0.7	20.5	1.0	1.1	0.0	1.1	
VMP-64-10	3/26/2015	1113	-0.19	-0.17	0.0	0	0.9	20.3	0.6	0.3	0.0	0.3	
VMP-64-10	4/23/2015	0932	-0.34	-0.15	0.0	0	0.8	19.7	1.5	2.3	0.0	2.3	
VMP-64-10	5/21/2015	0954	-0.36	-0.78	0.0	0	1.0	19.4	0.6	1.8	0.0	1.8	
VMP-64-10	6/17/2015	1423	-0.10	-0.13	0.0	0	2.4	17.8	0.7	0.0	0.0	0.0	
VMP-64-10	7/23/2015	0930	-0.27	-0.23	0.0	0	2.5	18.4	0.3	0.0	0.0	0.0	
VMP-64-10	8/20/2015	0857	-0.23	-0.22	0.0	0	3.1	17.8	0.3	0.0	0.0	0.0	
VMP-64-10	9/17/2015	0909	-0.12	0.00	0.0	0	2.8	18.3	0.6	0.0	0.0	0.0	
VMP-64-10	10/22/2015	0835	-0.25	-0.14	0.0	0	2.2	19.0	0.6	0.6	0.0	0.6	
VMP-64-10	11/24/2015	1340	0.00	0.00	0.0	0	2.2	19.4	0.1	0.0	0.0	0.0	
VMP-64-10	12/17/2015	0919	-0.22	0.00	0.0	0	1.5	19.9	0.1	0.0	0.0	0.0	
VMP-64-10	1/21/2016	1020	-0.47	-0.20	0.0	0	1.1	20.1	0.1	0.0	0.0	0.0	
VMP-64-10	2/18/2016	1358	-0.26	-0.15	0.0	0	0.8	20.1	0.2	0.0	0.0	0.0	
VMP-64-10	3/23/2016	0835	-0.41	-0.52	0.0	0	0.7	20.1	0.4	0.0	0.0	0.0	
VMP-64-10	4/21/2016	1050	-0.23	-0.18	0.0	0	1.1	19.6	1.2	0.0	0.0	0.0	
VMP-64-10	5/19/2016	0855	-0.46	-0.38	0.0	0	1.6	19.2	1.5	0.3	0.0	0.3	
VMP-64-10	6/21/2016	1615	-0.28	-0.38	0.0	0	2.2	17.9	0.8	0.0	0.0	0.0	
VMP-64-10	7/20/2016	1413	0.00	0.00	0.0	0	0.8	20.2	0.2	0.0	0.0	0.0	
VMP-64-10	8/25/2016	0912	0.00	0.00	0.0	0	3.1	17.6	0.5	0.0	0.0	0.0	
VMP-64-10	9/22/2016	0900	-0.26	-0.17	0.0	0	3.4	17.3	0.3	0.0	0.0	0.0	
VMP-64-10	10/21/2016	1001	-0.24	-0.14	0.0	0	3.9	16.9	0.2	0.0	0.0	0.0	
VMP-64-10	11/17/2016	0906	-0.10	0.00	0.0	0	2.4	18.7	0.0	0.0	0.0	0.0	
VMP-64-10	12/21/2016	1608	-0.53	0.00	0.0	0	2.2	18.9	0.4	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-64-20	1/28/2015	1537	0.00	0.09	0.0	0	3.1	18.1	1.2	0.1	0.0	0.1	
VMP-64-20	2/27/2015	0905	-0.32	-0.26	0.0	0	1.7	19.8	0.4	0.7	0.0	0.7	
VMP-64-20	3/26/2015	1116	-0.33	-0.31	0.0	0	1.7	19.5	0.5	0.7	0.0	0.7	
VMP-64-20	4/23/2015	0933	-0.51	-0.25	0.0	0	1.8	18.8	1.1	1.3	0.0	1.3	
VMP-64-20	5/21/2015	0958	-0.39	-0.39	0.0	0	1.7	18.4	0.6	1.0	0.0	1.0	
VMP-64-20	6/17/2015	1428	-0.22	-0.50	0.0	0	2.4	18.1	0.8	0.0	0.0	0.0	
VMP-64-20	7/23/2015	0935	-0.30	-0.40	0.0	0	3.5	16.8	0.3	0.0	0.0	0.0	
VMP-64-20-Dup	7/23/2015	0935	NM	NM	0.0	0	3.7	16.6	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-64-20	8/20/2015	0902	-0.46	-0.44	0.0	0	4.3	16.4	0.4	0.0	0.0	0.0	
VMP-64-20	9/17/2015	0913	-0.26	-0.10	0.0	0	4.1	16.8	0.6	0.0	0.0	0.0	
VMP-64-20	10/22/2015	0840	-0.46	-0.28	0.0	0	3.6	17.8	0.5	0.0	0.0	0.0	
VMP-64-20	11/24/2015	1345	0.00	-0.12	0.0	0	3.2	18.6	0.1	0.0	0.0	0.0	
VMP-64-20	12/17/2015	0920	-0.49	0.00	0.0	0	2.3	19.1	0.2	0.0	0.0	0.0	
VMP-64-20	1/21/2016	1025	-0.44	0.00	0.0	0	3.0	18.3	0.2	0.0	0.0	0.0	
VMP-64-20	2/18/2016	1403	0.11	0.11	0.0	0	2.5	18.8	0.2	0.0	0.0	0.0	
VMP-64-20	3/23/2016	0840	-0.66	-0.55	0.0	0	1.4	19.5	0.2	0.0	0.0	0.0	
VMP-64-20	4/21/2016	1055	-0.16	-0.27	0.0	0	1.8	19.0	0.8	0.0	0.0	0.0	
VMP-64-20	5/19/2016	0900	-0.67	-0.58	0.0	0	1.9	18.6	1.2	0.0	0.0	0.0	
VMP-64-20	6/21/2016	1620	-0.23	-0.37	0.0	0	2.0	18.0	0.6	0.0	0.0	0.0	
VMP-64-20	7/20/2016	1418	0.10	0.00	0.0	0	2.7	17.9	0.3	0.0	0.0	0.0	
VMP-64-20	8/25/2016	0913	-0.58	-0.65	0.0	0	4.3	16.3	0.5	0.0	0.0	0.0	
VMP-64-20	9/22/2016	0901	-0.50	-0.35	0.0	0	4.3	16.8	0.2	0.0	0.0	0.0	
VMP-64-20	10/21/2016	1002	-0.33	-0.16	0.0	0	4.1	17.0	0.1	0.0	0.0	0.0	
VMP-64-20	11/17/2016	0907	-0.23	-0.18	0.0	0	3.4	17.7	0.0	0.0	0.0	0.0	
VMP-64-20-Dup	11/17/2016	0907	NM	NM	0.0	0	3.3	17.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-64-20	12/21/2016	1610	-0.30	-0.29	0.0	0	3.3	17.8	0.6	0.0	0.0	0.0	
VMP-64-20-Dup	12/21/2016	1610	NM	NM	0.0	0	3.4	17.8	0.3	0.0	0.0	0.0	Duplicate sample.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-3
SOIL GAS SAMPLING - MONTHLY EFFECTIVENESS MONITORING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-64-28	1/28/2015	1537	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	1/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	2/27/2015	0905	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	2/27/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	3/26/2015	1119	0.15	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged
VMP-64-28	3/26/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	4/23/2015	0934	0.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	5/21/2015	1002	-0.53	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	6/17/2015	1420	-11.99	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	7/23/2015	0940	-0.17	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	8/20/2015	0907	-0.42	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	9/17/2015	0918	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	10/22/2015	0845	-0.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	11/24/2015	1350	-0.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	12/17/2015	0921	0.18	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	1/21/2016	1030	-0.51	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	2/18/2016	1408	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	3/23/2016	0845	-1.38	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	4/21/2016	1100	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	5/19/2016	0905	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	6/21/2016	1625	-0.36	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	7/20/2016	1422	-0.09	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	8/25/2016	0914	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	9/22/2016	0902	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	10/21/2016	1003	-0.16	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	11/17/2016	0908	0.71	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	12/22/2016	1612	4.94	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

Notes:
1) NM = Not Measured; NA = Not Applicable; NE = Not Encountered; PID = Photo Ionization Detector; THC = Total Hydrocarbon Concentration; PHC = Petroleum Hydrocarbon Concentration; OVR = Over-range; ppmv = Parts Per Million By Volume.

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-020915	2/9/2015	0.0094	J		0.00073	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.0057	J		<0.014	U	
		VMP-1-5-050515	5/5/2015	0.03	J		0.0048			<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.044		
		VMP-1-5-073015	7/30/2015	0.028	J		0.0025	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.015	J	
		VMP-1-5-110315	11/3/2015	0.03	J		0.0016	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.018		
		VMP-1-5-020316	2/3/2016	<0.031	J	U	0.0014	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0058	J	
		VMP-1-5-050316	5/3/2016	0.0069	J		0.0012	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0022	J	
		VMP-1-5-072516	7/25/2016	0.024	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-1-5-102816	10/28/2016	0.02	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
	8.5 ft	VMP-1-8-020915	2/9/2015	0.012	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-1-8.5-050515	5/5/2015	0.028	J		0.0025	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.034		
		VMP-1-8.5-073015	7/30/2015	0.026	J		<0.0044	J	U	<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0078	J	
		VMP-1-8.5-110315	11/3/2015	0.016	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	J	U
		VMP-1-8.5-020316	2/3/2016	<0.033	J	U	0.0017	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0029	J	
		VMP-1-8.5-050316	5/3/2016	0.017	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0058	J	
		VMP-1-8.5-072516	7/25/2016	0.045			<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.0069	J		0.0089	J	
		VMP-1-8.5-102816	10/28/2016	0.025	J		0.0019	J		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		0.019			0.011	J	
	23.5 ft	VMP-1-23.5-020915	2/9/2015	<0.029	U		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-1-23.5-050515	5/5/2015	0.023	J		0.00062	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0075	J	
		VMP-1-23.5-073015	7/30/2015	0.04			<0.0049	J	U	<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0069	J	
		VMP-1-23.5-110315	11/3/2015	0.017	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0054	J	
		VMP-1-23.5-020316	2/3/2016	<0.032	J	U	<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-1-23.5-050316	5/3/2016	0.013	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0042	J	
		VMP-1-23.5-050316-DUP	5/3/2016	0.014	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0037	J	
		VMP-1-23.5-072516	7/25/2016	0.026	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0061	J	
		VMP-1-23.5-072516-DUP	7/25/2016	0.02	J		0.0012	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP1-23.5-102816	10/28/2016	0.033			0.0025	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.012	J		0.007	J	
	38.5 ft	VMP-1-38.5-020915	2/9/2015	2.3	J		0.45			<0.88	U		<1.4	U		0.33	J		<0.29	U		<1.2	U		0.38	J	
		VMP-1-38.5-020915-DUP	2/9/2015	1.6	J		0.23	J		<0.85	U		<1.3	U		<4.9	U		<0.28	U		<1.2	U		<1.5	U	
		VMP-1-38.5-050515	5/5/2015	0.42	J		<0.42	U		<0.89	U		<1.4	U		<0.51	U		<0.29	U		140			0.44	J	
		VMP-1-38.5-061515-R	6/15/2015	<0.14	U		0.012	J		<0.097	U		<0.15	U		<0.056	U		<0.032	U		8.8			<0.17	U	
		VMP-1-38.5-073015	7/30/2015	0.041			0.016			<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.011	J	
VMP-2	5 ft	VMP-2-5-021015	2/10/2015	0.016	J		0.0022	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0055	J	
		VMP-2-5-050615	5/6/2015	0.019	J		0.0019	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.018		
		VMP-2-5-110415	11/4/2015	0.02	J		0.003	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0061	J	
		VMP-2-5-020116	2/1/2016	0.012	J		0.00072	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0056	J		0.0022	J	
		VMP-2-5-042716	4/27/2016	0.0087	J		<0.005	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		<0.018	U	
		VMP-2-5-072616	7/26/2016	0.011	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-2-5-102616	10/26/2016	0.017	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
	8.5 ft	VMP-2-8.5-021015	2/10/2015	0.018	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-2-8.5-050615	5/6/2015	0.017	J		0.0023	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.018		
		VMP-2-8.5-110415	11/4/2015	0.04			0.0022	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.019		
		VMP-2-8.5-021616	2/16/2016	0.07			<0.0051	U		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.014	J	
		VMP-2-8.5-042716	4/27/2016	0.017	J		0.0025	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0031	J	
		VMP-2-8.5-072616	7/26/2016	0.14			0.0015	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.025		
		VMP-2-8.5-102616	10/26/2016	0.0097	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
	22 ft	VMP-2-22-021015	2/10/2015	0.016	J		0.0017	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0052	J		<0.015	U	
		VMP-2-22-021015-DUP	2/10/2015	0.006	J		0.0014	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-2-22-050615	5/6/2015	0.08			<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.018		
		VMP-2-22-073015	7/30/2015	0.043			0.0024	J		0.0032	J		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.011	J	
		VMP-2-22-110415	11/4/2015	0.035			<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.015	J	
		VMP-2-22-020116	2/1/2016	0.026	J		0.0016	J		0.0019	J		<0.014	U		<0.055	U		<0.0031	U		0.006	J		0.0041	J	
		VMP-2-22-020116-DUP	2/1/2016	0.023	J		<0.0046	U		0.002	J		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0024	J	
		VMP-2-22-042716	4/27/2016	0.033	J		0.00076	J		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.0041	J	
		VMP-2-22-072616	7/26/2016	0.0073	J		<0.0046	U		0.0017	J		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-2-22-102616	10/26/2016	0.031	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0093	J	
	42 ft	VMP-2-42-021015	2/10/2015	<11	U		15			<8	U		<12	U		<4.6	U		<2.6	U		36000			<14	U	
		VMP-2-42-050615	5/6/2015	<160	U		28	J		<110	U		<180	U		<66	U		<38	U		44000			<200	U	
		VMP-2-42-061515-R	6/15/2015	<130	U		39	J		<91	U		<140	U		<53	U		<30	U		75000	E	J	<160	U	
		VMP-2-42-073015	7/30/2015	310	J		51	J		<540	U		<840	U		<3100	U		<180	U	UJ	48000		J	<960	U	
VMP-3	5 ft	VMP-3-5-020915	2/9/2015	0.0076	J		<0.0039	U		0.0017	J		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-3-5-050415	5/4/2015	0.038			0.0037	J		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		<0.014	U		0.021		
		VMP-3-5-072915	7/29/2015	0.03	J		0.0039	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.011	J		0.012	J	
		VMP-3-5-110515	11/5/2015	0.024	J		0.0013	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.016			0.019		
		VMP-3-5-021616	2/16/2016	0.048			0.001	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.014			0.0086	J	
		VMP-3-5-042716	4/27/2016	0.01	J		0.0038	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.0061	J		0.01	J	
		VMP-3-5-080116	8/1/2016	0.019	J		<0.0062	U		<0.013	U		<0.02	U		<0.076	U		<0.0043	U		<0.018	U		<0.023	U	
		VMP-3-5-102616	10/26/2016	0.023	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0074	J	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10-020915	2/9/2015	0.013	J		0.0015	J		0.0044	J		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-3-10-050415	5/4/2015	0.032	J		0.0059			<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.028		
		VMP-3-10-072915	7/29/2015	0.077			0.0031	J		0.0026	J		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.018		
		VMP-3-10-110315	11/3/2015	0.022	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0081	J		0.0085	J	
		VMP-3-10-021616	2/16/2016	0.025	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0057	J	
		VMP-3-10-042716	4/27/2016	0.026	J		0.0017	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		0.0068	J		0.015	J	
		VMP-3-10-080216	8/2/2016	0.079			0.0023	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.018		
		VMP-3-10-102616	10/26/2016	0.033	J		0.0023	J		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		0.0058	J	
	22 ft	VMP-3-22-020915	2/9/2015	<0.029	U		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-3-22-050815	5/8/2015	0.039			0.0025	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0049	J		0.029		
		VMP-3-22-072915	7/29/2015	0.032	J		0.005			<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.04			0.019		
		VMP-3-22-110315	11/3/2015	0.025	J		0.0012	J		<0.0087	U		<0.013	U		0.0021	J		<0.0029	U		0.0053	J		0.0098	J	
		VMP-3-22-021616	2/16/2016	0.016	J		<0.0046	U		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		0.0039	J		0.0035	J	
		VMP-3-22-042716	4/27/2016	0.015	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0077	J	
		VMP-3-22-080116	8/1/2016	0.038	J		0.006			<0.012	U		<0.018	U		<0.068	U		<0.0039	U		0.017	J		0.0084	J	
		VMP-3-22-102616	10/26/2016	0.012	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
	31.5 ft	VMP-3-31.5-020915	2/9/2015	0.006	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-3-31.5-110315	11/3/2015	0.061			0.0034	J		<0.0086	U		<0.013	U		0.0029	J		<0.0028	U		0.076			0.049		
		VMP-3-31.5-020116	2/1/2016	0.027	J		0.0023	J		<0.011	U		<0.017	U		<0.065	U		<0.0037	U		0.048			0.0058	J	
		VMP-3-31.5-042716	4/27/2016	0.022	J		0.0022	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.064			0.0045	J	
		VMP-3-31.5-080116	8/1/2016	0.044			0.0031	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		0.075			0.0093	J	
		VMP-3-31.5-102616	10/26/2016	0.03			0.0028	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.051			0.007	J	
	39 ft	VMP-3-39-020915	2/9/2015	<94	U		<13	U		<27	U		<41	U		<150	U		<8.8	U		2100			<47	U	
		VMP-3-39-110315	11/3/2015	0.034			<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		0.03			0.012	J	
		VMP-3-39-020116	2/1/2016	0.014	J		0.0022	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.021			0.002	J	
		VMP-3-39-020116-DUP	2/1/2016	0.013	J		0.0026	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.023			<0.016	U	
VMP-4	5 ft	VMP-4-5-021015	2/10/2015	0.0077	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0052	J		<0.015	U	
		VMP-4-5-110215	11/2/2015	0.04			<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0058	J	
		VMP-4-5-020316	2/3/2016	<0.03	J	U	<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0052	J	
		VMP-4-5-050516	5/5/2016	0.12	J		0.03	J		<0.39	U		<0.6	U		<2.3	U		<0.13	U		26			<0.69	U	
		VMP-4-5-080216	8/2/2016	0.026	J		0.0013	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0078	J		0.0055	J	
		VMP-4-5-102816	10/28/2016	0.026	J		0.001	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0072	J	
	12 ft	VMP-4-12-021015	2/10/2015	0.0055	J		0.014			<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-4-12-051115	5/11/2015	0.021	J		0.0069			<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.0048	J		0.0049	J	
		VMP-4-12-080315	8/3/2015	0.035	J		<0.0048	J	U	0.0031	J		<0.016	U		<0.059	U		<0.0033	U		<0.014	U		0.0073	J	
		VMP-4-12-110215	11/2/2015	0.019	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0036	J	
		VMP-4-12-020316	2/3/2016	<0.03	J	U	<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.0062	J		<0.015	U	
		VMP-4-12-050316	5/3/2016	0.016	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0043	J		0.0062	J	
		VMP-4-12-080216	8/2/2016	0.038	J		<0.0052	U		<0.011	U		<0.017	U		<0.064	U		<0.0036	U		<0.016	U		0.0094	J	
		VMP-4-12-102816	10/28/2016	0.017	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
	23.5 ft	VMP-4-23.5-021015	2/10/2015	1.7	J		0.2	J		<0.98	U		<1.5	U		<5.7	U		<0.32	U		35			<1.7	U	
		VMP-4-23.5-050815	5/8/2015	1.5	J		1.4			<0.93	U		<1.4	U		<5.4	U		<0.31	U		30			0.38	J	
		VMP-4-23.5-061515-R	6/15/2015	<0.14	U		0.37		J	<0.1	U		<0.15	U		<0.058	U		<0.033	U		34		J	<0.18	U	
		VMP-4-23.5-073015	7/30/2015	<0.53	U		<0.18	U		<0.37	U		<0.57	U		<0.22	U		<0.12	U		17			<0.65	U	
		VMP-4-23.5-110215	11/2/2015	<0.26	U		0.089			<0.18	U		<0.28	U		<0.11	U		<0.061	U		16			<0.32	U	
		VMP-4-23.5-020316	2/3/2016	<2.2	U		<0.76	U		<1.6	U		<2.4	U		<0.92	U	UJ	<0.52	U		16			<2.8	U	
		VMP-4-23.5-020316-DUP	2/3/2016	<2.2	U		<0.73	U		<1.5	U		<2.4	U		<0.88	U	UJ	<0.5	U		14			<2.7	U	
		VMP-4-23.5-050316	5/3/2016	<0.17	U		0.12		J	<0.12	U		<0.19	U		<0.071	U		<0.04	U		8.8		J	<0.22	U	
		VMP-4-23.5-080216	8/2/2016	2.1			<0.22	U		<0.45	U		<0.7	U		<2.6	U		<0.15	U		40			0.71	J	
		VMP-4-23.5-080216-DUP	8/2/2016	2.2			<0.22	U		<0.46	U		<0.71	U		<2.7	U		<0.15	U		46			0.81	J	
		VMP-4-23.5-092316-DUP-R	9/23/2016	0.12	J	J	<0.047	U		<0.1	U		<0.15	U		<0.23	U		<0.033	U		16		J	<0.18	U	
		VMP-4-23.5-092316-R	9/23/2016	0.1	J	J	<0.051	U		<0.11	U		<0.16	U		<0.25	U		<0.035	U		17		J	<0.19	U	
		VMP-4-23.5-102816	10/28/2016	0.046	J		<0.045	U		<0.094	U		<0.14	U		<0.22	U		<0.031	U		14			<0.17	U	
VMP-5	5 ft	VMP-5-5-013015	1/30/2015	0.0035	J		<0.0042	U		0.0091			<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-5-5-042915	4/29/2015	0.044			0.0047			<0.0089	J	U	<0.014	U		<0.051	U		<0.0029	U		0.01	J		0.023		
		VMP-5-5-072915	7/29/2015	0.028	J		<0.0056	J	U	0.014			<0.018	U		<0.068	U		<0.0039	U		<0.016	U		0.0057	J	
		VMP-5-5-102915	10/29/2015	<0.032	J	U	<0.0043	U		0.0058	J		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.003	J	
		VMP-5-5-012516	1/25/2016	0.012	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0055	J		0.0031	J	
		VMP-5-5-042816	4/28/2016	0.018	J		0.0051			<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0039	J	
		VMP-5-5-072816	7/28/2016	0.012	J		<0.0046	U		0.0023	J		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0027	J	
		VMP-5-5-102516	10/25/2016	0.019	J		0.0012	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.005	J	
	12.5 ft	VMP-5-12.5-013015	1/30/2015	0.011	J		<0.004	U		0.0086			<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0024	J	
		VMP-5-12.5-042915	4/29/2015	0.042			<0.0046	J	U	0.01			<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0094	J	
		VMP-5-12.5-072915	7/29/2015	0.051			0.021			0.021			<0.016	U		<0.061	U		<0.0035	U		0.0055	J		0.012	J	
		VMP-5-12.5-102915	10/29/2015	0.023	J		<0.0046	U		0.013			<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0079	J	
		VMP-5-12.5-012516	1/25/2016	0.014	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.0021	J		0.0029	J	
		VMP-5-12.5-042816	4/28/2016	0.016	J		0.0018	J		0.0036	J		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0046	J	
		VMP-5-12.5-072816	7/28/2016	0.02	J		<0.0047	U		0.0069	J		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-5-12.5-102516	10/26/2016	0.02	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0045	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31-013015	1/30/2015	0.012	J		<0.0049	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0024	J	
		VMP-5-31-042915	4/29/2015	0.14			<0.0044	J	U	<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0023	J		0.0063	J	
		VMP-5-31-072915	7/29/2015	0.046			0.0022	J		<0.0096	U		<0.015	U		0.0033	J		<0.0032	U		<0.014	U		0.015	J	
		VMP-5-31-102915	10/29/2015	0.023	J		0.0012	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0068	J	
		VMP-5-31-030916-R	3/9/2016	<0.029	J	U	0.00098	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U	
		VMP-5-31-042816	4/28/2016	0.01	J		0.0017	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-5-31-072816	7/28/2016	0.027	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0044	J	
		VMP-5-31-102516	10/26/2016	0.017	J		0.00098	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
	40 ft	VMP-5-40-013015	1/30/2015	0.011	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		0.004	J		0.0019	J	
		VMP-5-40-042915	4/29/2015	0.074			<0.0045	J	U	<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		0.0063	J		0.006	J	
		VMP-5-40-072915	7/29/2015	0.024	J		<0.0044	J	U	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0061	J		0.0086	J	
		VMP-5-40-102915	10/29/2015	<0.03	J	U	0.0012	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.004	J		0.0037	J	
		VMP-5-40-012516	1/25/2016	0.016	J		0.0026	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.025			0.0027	J	
		VMP-5-40-012516-DUP	1/25/2016	0.018	J		0.0028	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		0.029			0.0042	J	
		VMP-5-40-042816	4/28/2016	0.012	J		0.001	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-5-40-072816	7/28/2016	0.047			<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0072	J	
		VMP-5-40-102516	10/26/2016	0.0078	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U	
VMP-6	5 ft	VMP-6-5-020915	2/9/2015	<0.029	J	U	0.028			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0064	J		<0.014	U	
		VMP-6-5-042915	4/29/2015	0.038			<0.0042	J	U	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0066	J	
		VMP-6-5-072715	7/27/2015	0.032	J		<0.0044	J	U	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0067	J	
		VMP-6-5-102915	10/29/2015	0.018	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0079	J	
		VMP-6-5-020116	2/1/2016	0.033	J		0.0044	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.022			0.0077	J	
		VMP-6-5-042516	4/25/2016	0.0064	J		0.0006	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-6-5-072816	7/28/2016	0.028	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.006	J	
		VMP-6-5-102816	10/28/2016	0.0076	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
	10 ft	VMP-6-10-020915	2/9/2015	0.02	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0044	J	
		VMP-6-10-042915	4/29/2015	0.014	J		0.0021	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0059	J	
		VMP-6-10-072715	7/27/2015	0.021	J		<0.0046	J	U	<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0054	J	
		VMP-6-10-102915	10/29/2015	0.021	J		0.0014	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0092	J	
		VMP-6-10-020116	2/1/2016	0.036			0.0015	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.014			0.0065	J	
		VMP-6-10-042516	4/25/2016	0.011	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0024	J	
		VMP-6-10-072816	7/28/2016	0.037			<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-6-10-102816	10/28/2016	0.022	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0045	J	
	31.5 ft	VMP-6-31.5-020915	2/9/2015	<0.03	J	U	<0.004	U		<0.0085	J	U	<0.013	U		<0.049	U		<0.0028	U		0.018			<0.015	U	
		VMP-6-31.5-042915	4/29/2015	0.013	J		0.0022	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0051	J		0.0039	J	
		VMP-6-31.5-042915-DUP	4/29/2015	0.0086	J		0.0024	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.004	J		<0.018	J	U
		VMP-6-31.5-072715	7/27/2015	0.024	J		<0.0046	J	U	0.0014	J		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0089	J	
		VMP-6-31.5-112515	11/25/2015	0.027	J		0.0022	J		<0.016	U		<0.024	U		<0.092	U		<0.0052	U		0.02	J		0.012	J	
		VMP-6-31.5-020116	2/1/2016	0.034			0.0026	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.017			0.007	J	
		VMP-6-31.5-042516	4/25/2016	0.0086	J		0.001	J		0.0013	J		<0.015	U		<0.057	U		<0.0033	U		0.013	J		<0.017	U	
		VMP-6-31.5-072816	7/28/2016	0.0099	J		0.001	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.015			<0.018	U	
		VMP-6-31.5-102816	10/28/2016	0.057			0.0063	J		<0.014	U		<0.022	U		<0.081	U		<0.0046	U		0.0082	J		0.013	J	
	39 ft	VMP-6-39-020915	2/9/2015	<0.028	J	U	0.002	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.012			<0.014	U	
		VMP-6-39-020915-DUP	2/9/2015	<0.027	J	U	0.0018	J		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		0.011	J		<0.013	U	
		VMP-6-39-042915	4/29/2015	0.011	J		<0.0038	J	U	<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		0.0028	J	
		VMP-6-39-072715	7/27/2015	0.026	J		<0.0043	J	U	<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0058	J	
		VMP-6-39-072715-DUP	7/27/2015	0.014	J		<0.0044	J	U	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0028	J	
		VMP-6-39-102915	10/29/2015	0.024	J		<0.014	U		<0.029	U		<0.045	U		<0.17	U		<0.0096	U		0.91			<0.051	U	
		VMP-6-39-102915-DUP	10/29/2015	0.019	J		<0.014	U		<0.029	U		<0.045	U		<0.17	U		<0.0097	U		0.94			<0.052	U	
		VMP-6-39-020116	2/1/2016	<0.031	J	U	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0054	J		<0.016	U	
		VMP-6-39-020116-DUP	2/1/2016	<0.032	J	U	<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-6-39-042516	4/25/2016	0.014	J		0.013			<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.17			<0.018	U	
		VMP-6-39-072816	7/28/2016	0.0092	J		<0.0052	U		<0.011	U		<0.017	U		<0.063	U		<0.0036	U		<0.016	U		<0.019	U	
		VMP-6-39-102816	10/28/2016	0.019	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0074	J	
VMP-7	5 ft	VMP-7-5-020215	2/2/2015	0.016	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-7-5-043015	4/30/2015	0.01	J		0.0015	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0051	J	
		VMP-7-5-072715	7/27/2015	0.04			<0.0042	J	U	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0098	J	
		VMP-7-5-102815	10/28/2015	0.039			0.003	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.015			0.066		
		VMP-7-5-012716	1/27/2016	0.018	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.005	J	
		VMP-7-5-042916	4/29/2016	0.0084	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-7-5-072616	7/26/2016	0.026	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0056	J	
		VMP-7-5-102516	10/25/2016	0.0075	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
	13.5 ft	VMP-7-13.5-020215	2/2/2015	0.009	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-7-13.5-043015	4/30/2015	0.033	J		<0.0051	U		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.0079	J	
		VMP-7-13.5-072715	7/27/2015	0.029	J		<0.0041	J	U	<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0068	J	
		VMP-7-13.5-102815	10/28/2015	0.023	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0064	J	
		VMP-7-13.5-012716	1/27/2016	0.013	J		0.0008	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-7-13.5-042916	4/29/2016	0.0081	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-7-13.5-072616	7/26/2016	0.024	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-7-13.5-102516	10/25/2016	0.0093	J		0.00069	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		0.0041	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5-020215	2/2/2015	0.0042	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-7-29.5-043015	4/30/2015	0.02	J		0.0012	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0095	J	
		VMP-7-29.5-072715	7/27/2015	0.12			<0.0044	J	U	<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.031		
		VMP-7-29.5-102815	10/28/2015	0.026	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0057	J	
		VMP-7-29.5-012716	1/27/2016	0.016	J		0.0012	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-7-29.5-042916	4/29/2016	0.012	J		0.0018	J		<0.017	U		<0.026	U		<0.097	U		<0.0055	U		<0.024	U		<0.029	U	
		VMP-7-29.5-072616	7/26/2016	0.018	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-7-29.5-102516	10/25/2016	0.011	J		0.00061	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0038	J	
	38 ft	VMP-7-38-020215	2/2/2015	0.005	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-7-38-043015	4/30/2015	0.02	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.005	J	
		VMP-7-38-072715	7/27/2015	0.014	J		<0.0043	J	U	<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0046	J	
		VMP-7-38-102815	10/28/2015	0.035			<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0082	J	
		VMP-7-38-102815-DUP	10/28/2015	<0.028	J	U	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0029	J	
		VMP-7-38-012716	1/27/2016	0.013	J		0.0007	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-7-38-012716-DUP	1/27/2016	0.015	J		0.00063	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-7-38-042916	4/29/2016	0.012	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.003	J	
		VMP-7-38-042916-DUP	4/29/2016	0.026	J		0.00091	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0067	J	
		VMP-7-38-072616	7/26/2016	0.0091	J		<0.005	U		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		<0.019	U	
		VMP-7-38-072616-DUP	7/26/2016	0.014	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-7-38-102516	10/25/2016	0.013	J		0.0006	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		0.0037	J	
		VMP-7-38-102516-Dup	10/25/2016	0.011	J		<0.0083	U		<0.017	U		<0.027	U		<0.1	U		<0.0057	U		<0.025	U		<0.031	U	
VMP-8	5 ft	VMP-8-5-020915	2/9/2015	0.0081	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-8-5-042715	4/27/2015	0.0076	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-8-5-072815	7/28/2015	0.031			0.0038	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.0094	J		0.0089	J	
		VMP-8-5-102715	10/27/2015	<0.031	J	U	<0.0042	J	U	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0067	J	
		VMP-8-5-012716	1/27/2016	0.018	J		0.00083	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0083	J		0.005	J	
		VMP-8-5-042916	4/29/2016	0.0062	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0026	J		<0.016	U	
		VMP-8-5-072916	7/29/2016	0.04			<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.029		
		VMP-8-5-102516	10/25/2016	<0.03	J	U	<0.004	J	U	<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	9.5 ft	VMP-8-9.5-020915	2/9/2015	0.0098	J		0.019			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0027	J	
		VMP-8-9.5-042715	4/27/2015	0.016	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-8-9.5-072815	7/28/2015	0.018	J		<0.0049	J	U	<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.005	J	
		VMP-8-9.5-102715	10/27/2015	<0.035	J	U	<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0094	J	
		VMP-8-9.5-012716	1/27/2016	0.01	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.0052	J		<0.014	U	
		VMP-8-9.5-042916	4/29/2016	0.014	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.0035	J	
		VMP-8-9.5-072916	7/29/2016	0.0065	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-8-9.5-102516	10/25/2016	<0.028	J	U	<0.0038	J	U	<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	J	U
	23.5 ft	VMP-8-23.5-020915	2/9/2015	0.011	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.003	J	
		VMP-8-23.5-050515-R	5/5/2015	0.017	J		0.007			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.011	J	
		VMP-8-23.5-072815	7/28/2015	0.046			0.0063			<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.015			0.0063	J	
		VMP-8-23.5-102715	10/27/2015	0.034			<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0056	J	
		VMP-8-23.5-012716	1/27/2016	0.0083	J		0.003	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-8-23.5-042916	4/29/2016	0.0052	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-8-23.5-072916	7/29/2016	0.02	J		0.0085			<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.0096	J	
		VMP-8-23.5-072916-DUP	7/29/2016	0.01	J		0.0074			<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0029	J	
		VMP-8-23.5-102516	10/25/2016	0.016	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0049	J	
	35.5 ft	VMP-8-35.5-020915	2/9/2015	0.006	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-8-35.5-042715	4/27/2015	0.0047	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-8-35.5-072815	7/28/2015	0.035			<0.0046	J	U	<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0053	J	
		VMP-8-35.5-072815-DUP	7/28/2015	0.035			<0.0041	J	U	<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0079	J	
		VMP-8-35.5-012816	1/28/2016	0.0087	J		<0.0047	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-8-35.5-012816-DUP	1/28/2016	0.0095	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-8-35.5-042916	4/29/2016	0.0089	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-8-35.5-080316	8/3/2016	0.016	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-8-35.5-102516	10/25/2016	0.0057	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-8-35.5-102516-Dup	10/25/2016	0.0059	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
VMP-9	5 ft	VMP-9-5-021115	2/11/2015	0.01	J		0.00095	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0032	J	
		VMP-9-5-050415	5/4/2015	0.023	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-9-5-072815	7/28/2015	0.036			<0.0045	J	U	0.0017	J		<0.014	U		<0.055	U		<0.0031	U		0.041			0.0082	J	
		VMP-9-5-102815	10/28/2015	<0.031	J	U	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0019	J	
		VMP-9-5-012816	1/28/2016	0.013	J		0.0012	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-9-5-042816	4/28/2016	0.019	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0048	J	
		VMP-9-5-080116	8/1/2016	0.023	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0057	J	
		VMP-9-5-102516	10/25/2016	<0.031	J	U	<0.0042	J	U	<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	J	U
		VMP-9-5-120916	12/9/2016	0.013	J		0.0012	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		0.012			0.005	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	11.5 ft	VMP-9-11.5-021115	2/11/2015	0.012	J		0.001	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-9-11.5-050415	5/4/2015	0.0052	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-9-11.5-072815	7/28/2015	0.068			<0.0043	J	U	0.002	J		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.014	J	
		VMP-9-11.5-102815	10/28/2015	0.023	J		0.00095	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.006	J	
		VMP-9-11.5-012816	1/28/2016	0.015	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-9-11.5-042816	4/28/2016	0.012	J		0.0013	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-9-11.5-080116	8/1/2016	0.033	J		0.0028	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-9-11.5-080116-DUP	8/1/2016	0.036			0.0075			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-9-11.5-102516	10/25/2016	0.038			<0.004	J	U	0.0012	J		<0.013	U		<0.048	U		<0.0027	U		0.0073	J		0.0077	J	
		VMP-9-11.5-120916	12/9/2016	0.0089	J		<0.0042	U		0.0021	J		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
	25.5 ft	VMP-9-25.5-021115	2/11/2015	0.0073	J		0.0079			<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		0.005	J		<0.015	U	
		VMP-9-25.5-050415	5/4/2015	0.017	J	J	0.0038	J	J	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.39		J	0.0048	J	J
		VMP-9-25.5-052915-R	5/29/2015	0.014	J		0.0012	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0079	J	
		VMP-9-25.5-072815	7/28/2015	0.023	J		<0.0041	J	U	<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0059	J	
		VMP-9-25.5-102815	10/28/2015	<0.028	J	U	0.0011	J		<0.008	J	U	<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0042	J	
		VMP-9-25.5-012816	1/28/2016	0.029	J		0.00086	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0038	J	
		VMP-9-25.5-042816	4/28/2016	0.014	J		0.0013	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-9-25.5-080116	8/1/2016	0.031	J		0.00097	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0066	J	
		VMP-9-25.5-102516	10/25/2016	<0.03	J	U	<0.004	J	U	<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	J	U
		VMP-9-25.5-120916	12/9/2016	0.0086	J		0.0011	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.004	J		<0.014	U	
	38.5 ft	VMP-9-38.5-050415	5/4/2015	<0.18	U		<0.024	U		<0.05	U		<0.076	U		<0.29	U		<0.016	U		0.64		J	<0.087	U	
		VMP-9-38.5-050415-DUP	5/4/2015	0.054			0.0067			<0.006	U		<0.0093	U		<0.035	U		<0.002	U		0.023		J	0.0058	J	
		VMP-9-38.5-052915-R	5/29/2015	0.023	J		0.0017	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.046		
		VMP-9-38.5-072815	7/28/2015	0.038			0.0044			<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		0.011			0.0076	J	
		VMP-9-38.5-102815	10/28/2015	<0.033	J	U	<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0074	J	
		VMP-9-38.5-012816	1/28/2016	0.0089	J		0.00081	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-9-38.5-042816	4/28/2016	0.015	J		0.0011	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0046	J	
		VMP-9-38.5-072916	7/29/2016	0.024	J		0.0022	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-9-38.5-102516	10/25/2016	0.018	J		<0.0044	J	U	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	J	U
		VMP-9-38.5-120916	12/9/2016	0.011	J		0.0029	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.006	J		0.0036	J	
VMP-10	5 ft	VMP-10-5-020515	2/5/2015	0.006	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-10-5-043015	4/30/2015	0.013	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0042	J	
		VMP-10-5-072815	7/28/2015	0.028	J		0.019			<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.0096	J		0.0073	J	
		VMP-10-5-103015	10/30/2015	0.03			<0.004	J	U	<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0077	J	
		VMP-10-5-012916	1/29/2016	0.011	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0079	J		0.0038	J	
		VMP-10-5-050216	5/2/2016	<0.033	J	U	0.00072	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-10-5-082616	8/26/2016	0.041			<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0065	J		0.0073	J	
		VMP-10-5-110216	11/2/2016	0.02	J		<0.0041	J	U	<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
	10 ft	VMP-10-10-020515	2/5/2015	0.006	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U	
		VMP-10-10-043015	4/30/2015	0.0072	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0036	J	
		VMP-10-10-072815	7/28/2015	0.027	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0079	J	
		VMP-10-10-103015	10/30/2015	0.025	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.004	J	
		VMP-10-10-021616	2/16/2016	0.017	J		<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		0.0026	J		0.0045	J	
		VMP-10-10-050216	5/2/2016	0.012	J		<0.005	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		<0.018	U	
		VMP-10-10-072816	7/28/2016	0.049			0.0021	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.058		
		VMP-10-10-110216	11/2/2016	0.012	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
	20 ft	VMP-10-20-020515	2/5/2015	0.01	J		0.0054			<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-10-20-043015	4/30/2015	0.0093	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.012	J	
		VMP-10-20-072815	7/28/2015	0.04			0.002	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0092	J	
		VMP-10-20-072815-DUP	7/28/2015	0.049			0.0024	J		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		<0.014	U		0.012	J	
		VMP-10-20-103015	10/30/2015	0.019	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0024	J	
		VMP-10-20-012916	1/29/2016	0.0095	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0021	J	
		VMP-10-20-050216	5/2/2016	<0.031	J	U	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-10-20-072816	7/28/2016	0.027	J		<0.0089	U		<0.019	U		<0.029	U		<0.11	U		<0.0062	U		<0.026	U		<0.033	U	
		VMP-10-20-110216	11/2/2016	0.011	J		0.031			<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
	30 ft	VMP-10-30-020515	2/5/2015	0.021	J		0.0032	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		0.031			0.0078	J	
		VMP-10-30-020515-DUP	2/5/2015	<0.03	U		0.0022	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.022			<0.015	U	
		VMP-10-30-043015	4/30/2015	0.0084	J		0.0014	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0064	J	
		VMP-10-30-072815	7/28/2015	0.013	J		<0.0047	J	U	<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.003	J	
		VMP-10-30-103015	10/30/2015	0.026	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0057	J	
		VMP-10-30-012916-DUP	1/29/2016	0.011	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.004	J		0.0021	J	
		VMP-10-30-050216	5/2/2016	0.016	J		0.0012	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		0.0068	J		0.006	J	
		VMP-10-30-050216-DUP	5/2/2016	0.014	J		0.00098	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		0.0072	J		<0.016	U	
		VMP-10-30-072816	7/28/2016	0.015	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-10-30-110216	11/2/2016	0.0085	J		<0.005	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		<0.018	U	
VMP-11	5 ft	VMP-11-5-020515	2/5/2015	0.0082	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-11-5-043015	4/30/2015	0.0099	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0069	J	
		VMP-11-5-072815	7/28/2015	0.019	J		0.018			<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.0099	J		0.0081	J	
		VMP-11-5-103015	10/30/2015	0.016	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0032	J	
		VMP-11-5-012916	1/29/2016	0.013	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0034	J	
		VMP-11-5-050216	5/2/2016	0.013	J		0.001	J		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		0.0051	J		<0.014	U	
		VMP-11-5-080116	8/1/2016	0.086			<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		0.015	J	
		VMP-11-5-110116	11/1/2016	0.027	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0049	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	8 ft	VMP-11-8-020515	2/5/2015	0.013	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-11-8-043015	4/30/2015	0.01	J		0.0012	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0037	J	
		VMP-11-8-072815	7/28/2015	0.022	J		0.0018	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.004	J	
		VMP-11-8-103015	10/30/2015	0.02	J		0.0012	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0063	J	
		VMP-11-8-012916	1/29/2016	0.016	J		0.00077	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-11-8-050616	5/6/2016	0.012	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-11-8-080116	8/1/2016	0.028	J		0.0016	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-11-8-110116	11/1/2016	0.025	J		0.001	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0052	J	
	29 ft	VMP-11-29-020515	2/5/2015	0.0078	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-11-29-020515-DUP	2/5/2015	0.0081	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-11-29-043015	4/30/2015	0.0079	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.003	J	
		VMP-11-29-072815	7/28/2015	0.04			<0.0043	J	U	<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.011	J	
		VMP-11-29-110515	11/5/2015	0.26			<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.0074	J	
		VMP-11-29-012916	1/29/2016	0.014	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0025	J	
		VMP-11-29-050216	5/2/2016	0.016	J		0.0013	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.004	J	
		VMP-11-29-080216	8/2/2016	0.031	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.01	J	
		VMP-11-29-110116	11/1/2016	0.018	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
	38 ft	VMP-11-38-020515	2/5/2015	0.0092	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-11-38-043015	4/30/2015	0.014	J		0.0013	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0056	J	
		VMP-11-38-072815	7/28/2015	0.012	J		<0.0044	J	U	<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0023	J	
		VMP-11-38-103015	10/30/2015	0.017	J		0.00099	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		0.011	J		0.0063	J	
		VMP-11-38-103015-DUP	10/30/2015	0.018	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0047	J	
		VMP-11-38-012916	1/29/2016	0.015	J		0.00048	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0027	J	
		VMP-11-38-050216	5/2/2016	<0.031	J	U	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-11-38-050216-DUP	5/2/2016	<0.03	J	U	<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-11-38-080216	8/2/2016	0.017	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-11-38-110216	11/2/2016	0.02	J		<0.0047	J	U	<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.021		
VMP-12	5 ft	VMP-12-5-021115	2/11/2015	0.011	J		0.00082	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0075	J		0.0026	J	
		VMP-12-5-050715	5/7/2015	0.048			0.0057			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0046	J		0.07		
		VMP-12-5-073115	7/31/2015	0.18			0.0048			<0.009	U		<0.014	U		<0.052	U		<0.003	U	UJ	0.006	J	J	0.06		
		VMP-12-5-110415	11/4/2015	0.048			0.004	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.029		
		VMP-12-5-020316	2/3/2016	<0.033	J	U	<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0084	J		<0.017	U	
		VMP-12-5-050416	5/4/2016	0.014	J		0.00085	J		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		0.01	J	
		VMP-12-5-080316	8/3/2016	0.039			0.0011	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0086	J	
		VMP-12-5-103116	10/31/2016	0.028	J		0.0024	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.013			0.0071	J	
	11.5 ft	VMP-12-11.5-021115	2/11/2015	0.006	J		0.01			<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.56			<0.014	U	
		VMP-12-11.5-050715	5/7/2015	0.024	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.021		
		VMP-12-11.5-073115	7/31/2015	0.038			<0.0048	J	U	<0.01	U		<0.016	U		<0.058	U		<0.0033	U	UJ	0.0091	J	J	0.014	J	
		VMP-12-11.5-110415	11/4/2015	0.03			0.0013	J		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0066	J	
		VMP-12-11.5-020316	2/3/2016	0.014	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0034	J	
		VMP-12-11.5-050416	5/4/2016	0.01	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0048	J	
		VMP-12-11.5-080316	8/3/2016	0.02	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-12-11.5-110316	11/3/2016	0.018	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.01	J	
	25 ft	VMP-12-25-021115	2/11/2015	0.0092	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.0049	J		<0.013	U	
		VMP-12-25-050715	5/7/2015	0.025	J		0.0015	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		0.0096	J		0.014	J	
		VMP-12-25-073115	7/31/2015	0.035	J		<0.0052	J	U	<0.011	U		<0.017	U		<0.063	U		<0.0036	U	UJ	<0.015	U	UJ	0.014	J	
		VMP-12-25-110415	11/4/2015	0.015	J		0.0016	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.004	J	
		VMP-12-25-021616	2/16/2016	0.018	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0022	J	
		VMP-12-25-021616-DUP	2/16/2016	0.032			<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		0.0049	J		0.0037	J	
		VMP-12-25-050416	5/4/2016	<0.031	J	U	<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-12-25-080316	8/3/2016	0.027	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0051	J	
		VMP-12-25-103116	10/31/2016	0.008	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-12-25-103116-Dup	10/31/2016	0.042			0.0011	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0049	J		0.0087	J	
	39 ft	VMP-12-39-021115	2/11/2015	<3.2	U		2.4			<2.2	U		<3.4	U		<1.3	U		<0.74	U		54			<3.9	U	
		VMP-12-39-050715	5/7/2015	18			1.7	J		<4.9	U		<7.6	U		<28	U		<1.6	U		32			4.9	J	
		VMP-12-39-050715-DUP	5/7/2015	17			1.7	J		<4.6	U		<7	U		<26	U		<1.5	U		33			4.6	J	
		VMP-12-39-061515-Dup-R	6/15/2015	0.073	J	J	0.31		J	<0.083	U		<0.13	U		<0.048	U		<0.028	U		14		J	<0.15	U	
		VMP-12-39-061515-R	6/15/2015	0.066	J		0.32			<0.096	U		<0.15	U		<0.056	U		<0.032	U		14			<0.17	U	
		VMP-12-39-073115	7/31/2015	<2.9	U		1.9			<2	U		<3.1	U		<1.2	U		<0.67	U		72			<3.6	U	
		VMP-12-39-073115-DUP	7/31/2015	<7.8	U		1.9	J		<5.5	U		<8.5	U		<3.2	U		<1.8	U		69			<9.7	U	
		VMP-12-39-110415	11/4/2015	<4.8	U		0.87	J		<3.4	U		<5.3	U		<2	ND,UJ	UJ	<1.1	U		35			<6	U	
		VMP-12-39-020316	2/3/2016	10	J		<12	U		<25	U		<39	U		<14	U	UJ	<8.3	U		70			<44	U	
		VMP-12-39-050416	5/4/2016	<30	U		8.5			<8.6	U		<13	U		<50	U		<2.8	U		110			<15	U	
		VMP-12-39-080316	8/3/2016	12	J		20			<7.5	U		<12	U		<43	U		<2.5	U		100			3	J	
		VMP-12-39-110316	11/3/2016	26	J		28			<19	U		<30	U		<110	U		<6.4	U		150			<34	U	
VMP-13	5 ft	VMP-13-5-020515	2/5/2015	0.018	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.012	J	
		VMP-13-5-043015	4/30/2015	0.0077	J		0.0019	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0048	J	
		VMP-13-5-072715	7/27/2015	0.03	J		0.0017	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.017		
		VMP-13-5-110215	11/2/2015	0.018	J		<0.0036	J	U	<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0026	J	
		VMP-13-5-012616	1/26/2016	0.0071	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0028	J		<0.014	J	U
		VMP-13-5-050316	5/3/2016	0.0058	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0026	J	
		VMP-13-5-072916	7/29/2016	0.033			0.001	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0085	J	
		VMP-13-5-110216	11/2/2016	0.027	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0054	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	10.5 ft	VMP-13-10.5-020515	2/5/2015	0.01	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-13-10.5-043015	4/30/2015	0.0087	J		0.0028	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0061	J	
		VMP-13-10.5-072715	7/27/2015	0.031	J		0.012			<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.012	J	
		VMP-13-10.5-110215	11/2/2015	0.039			0.0013	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.018		
		VMP-13-10.5-012616	1/26/2016	0.019	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.0034	J		0.0043	J	
		VMP-13-10.5-050316	5/3/2016	0.012	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0037	J	
		VMP-13-10.5-072916	7/29/2016	0.026	J		0.0049			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0061	J		<0.017	U	
		VMP-13-10.5-110216	11/2/2016	0.029	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.008	J	
	21.5 ft	VMP-13-21.5-020515	2/5/2015	<0.033	U		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-13-21.5-043015	4/30/2015	0.018	J		0.0016	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		0.017	J	
		VMP-13-21.5-072715	7/27/2015	0.021	J		0.0021	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0065	J	
		VMP-13-21.5-112515	11/25/2015	0.013	J		0.001	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.0086	J		0.0022	J	
		VMP-13-21.5-012616	1/26/2016	0.021	J		0.0018	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0059	J		0.0048	J	
		VMP-13-21.5-050316	5/3/2016	0.018	J		0.00061	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0034	J	
		VMP-13-21.5-050316-DUP	5/3/2016	<0.034	J	U	0.00064	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0024	J	
		VMP-13-21.5-072916	7/29/2016	0.02	J		0.0012	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-13-21.5-110216	11/2/2016	0.1			0.0022	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.016			0.024		
	29.5 ft	VMP-13-29.5-020515	2/5/2015	0.0068	J		0.0034	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-13-29.5-043015	4/30/2015	0.022	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.02		
		VMP-13-29.5-072715	7/27/2015	0.041			<0.0049	J	U	<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		0.0087	J	
		VMP-13-29.5-072715-DUP	7/27/2015	0.021	J		0.0028	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.0058	J		0.0066	J	
		VMP-13-29.5-110215	11/2/2015	0.021	J		<0.0034	J	U	<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0054	J	
		VMP-13-29.5-110215-DUP	11/2/2015	0.02	J		<0.0036	J	U	<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		0.0069	J		0.0056	J	
		VMP-13-29.5-012616	1/26/2016	0.033			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0056	J		0.0082	J	
		VMP-13-29.5-050316	5/3/2016	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0051	J	
		VMP-13-29.5-082616-R	8/29/2016	0.042			0.0042			<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.0059	J		0.0044	J	
		VMP-13-29.5-110216	11/2/2016	0.021	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-13-29.5-110216-Dup	11/2/2016	0.022	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0049	J	
VMP-14	5 ft	VMP-14-5-020615	2/6/2015	0.0088	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-14-5-043015	4/30/2015	0.02	J		<0.0042	J	U	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.024		
		VMP-14-5-072915	7/29/2015	0.074			<0.004	J	U	<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.012	J	
		VMP-14-5-110215	11/2/2015	0.023	J		<0.004	J	U	<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0065	J	
		VMP-14-5-012616	1/26/2016	0.0096	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0019	J	
		VMP-14-5-050316	5/3/2016	0.01	J		<0.0046	U		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		<0.014	U		0.0034	J	
		VMP14-5-072916	7/29/2016	0.039			<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0052	J	
		VMP-14-5-110216	11/2/2016	0.023	J		0.0018	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
	11.5 ft	VMP-14-11.5-020615	2/6/2015	0.0078	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-14-11.5-043015	4/30/2015	0.016	J		<0.0048	J	U	<0.01	U		<0.016	U		<0.059	U		<0.0033	U		<0.014	U		0.024		
		VMP-14-11.5-072915	7/29/2015	0.082			0.0028	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.005	J		0.015	J	
		VMP-14-11.5-110215	11/2/2015	0.04			<0.0041	J	U	<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0042	J	
		VMP-14-11.5-012616	1/26/2016	0.013	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0023	J	
		VMP-14-11.5-050316	5/3/2016	0.012	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0027	J	
		VMP-14-11.5-072916	7/29/2016	0.02	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0037	J	
		VMP-14-11.5-110216	11/2/2016	0.012	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.01	J		<0.017	U	
	20 ft	VMP-14-20-020615	2/6/2015	0.0074	J		0.0083			<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-14-20-043015	4/30/2015	0.023	J		0.0022	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.01	J	
		VMP-14-20-072915	7/29/2015	0.04			0.003	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.01	J	
		VMP-14-20-110215	11/2/2015	0.026	J		0.0061			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0042	J		0.0056	J	
		VMP-14-20-012616	1/26/2016	0.016	J		0.0024	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.003	J	
		VMP-14-20-050416	5/4/2016	0.028	J		0.00085	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0082	J	
		VMP-14-20-072916	7/29/2016	0.027	J		0.0015	J		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		0.0045	J	
	29 ft	VMP-14-29-020615	2/6/2015	0.0083	J		0.064			<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-14-29-043015	4/30/2015	0.045			0.032			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0076	J		0.019		
		VMP-14-29-043015-DUP	4/30/2015	0.032			0.038			<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		0.0072	J		0.014		
		VMP-14-29-072915	7/29/2015	0.05			0.0051			<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0067	J	
		VMP-14-29-110215	11/2/2015	0.043			0.0018	J		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		0.01	J		0.0062	J	
		VMP-14-29-012616	1/26/2016	0.012	J		0.002	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.31			<0.015	U	
		VMP-14-29-012616-DUP	1/26/2016	0.015	J		0.002	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.3			<0.014	U	
		VMP-14-29-050316	5/3/2016	0.013	J		0.0013	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-14-29-072916	7/29/2016	0.032	J		<0.0048	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0072	J	
		VMP-14-29-072916-DUP	7/29/2016	0.071			0.00087	J		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		0.0025	J		0.0075	J	
		VMP-14-29-110216	11/2/2016	0.019	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
VMP-15	5 ft	VMP-15-5-020615	2/6/2015	<0.031	U		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-15-5-050415	5/4/2015	0.025	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0043	J	
		VMP-15-5-072915	7/29/2015	0.016	J		0.012			<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.0038	J	
		VMP-15-5-110415	11/4/2015	0.019	J		0.00083	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0073	J	
		VMP-15-5-020316	2/3/2016	0.02	J		<0.0083	U		<0.017	U		<0.027	U		<0.1	U		<0.0058	U		<0.025	U		<0.031	U	
		VMP-15-5-050316	5/3/2016	0.014	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-15-5-080216	8/2/2016	0.0097	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-15-5-110116	11/1/2016	<0.032	J	U	<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	21.5 ft	VMP-15-21.5-020615	2/6/2015	0.0077	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-15-21.5-050415	5/4/2015	0.014	J		0.00096	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		0.008	J		0.0084	J	
		VMP-15-21.5-072915	7/29/2015	0.039	J		0.015	J		<0.11	U		<0.16	U		<0.62	U		<0.035	U		1.1			<0.19	U	
		VMP-15-21.5-110415	11/4/2015	0.02	J		<0.0044	J	U	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0042	J	
		VMP-15-21.5-020316	2/3/2016	<0.42	U		<0.056	U		<0.12	U		<0.18	U		<0.68	U		<0.039	U		0.76			<0.21	U	
		VMP-15-21.5-050316	5/3/2016	0.051			0.0015	J		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		0.015			0.0058	J	
		VMP-15-21.5-080216	8/2/2016	0.034	J		0.0081	J		<0.059	U		<0.091	U		<0.34	U		<0.019	U		<0.084	U		<0.1	U	
		VMP-15-21.5-110116	11/1/2016	0.018	J		0.0066			<0.013	U		<0.021	U		<0.078	U		<0.0044	U		<0.019	U		<0.024	U	
	25.5 ft	VMP-15-25.5-020615	2/6/2015	<0.033	U		0.0031	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.082			<0.016	U	
		VMP-15-25.5-050415	5/4/2015	0.015	J		0.0026	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		0.015			0.0066	J	
		VMP-15-25.5-072915	7/29/2015	<0.17	U		0.19			<0.12	U		<0.18	U		<0.068	U		<0.039	U		6.3			<0.21	U	
		VMP-15-25.5-110415	11/4/2015	0.015	J		0.0015	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		0.0099	J		0.003	J	
		VMP-15-25.5-020316	2/3/2016	<0.66	U		0.21	J		<0.47	U		<0.72	U		<0.27	U		<0.15	U		9.4	J0	J	<0.82	U	
		VMP-15-25.5-050316	5/3/2016	0.011	J		0.03			<0.022	U		<0.035	U		<0.13	U		<0.0074	U		0.14			<0.04	U	
		VMP-15-25.5-080216	8/2/2016	<0.34	U		<0.045	U		<0.095	U		<0.15	U		<0.55	U		<0.031	U		1.1			<0.17	U	
		VMP-15-25.5-110116	11/1/2016	0.023	J		0.11			<0.061	U		<0.094	U		<0.35	U		<0.02	U		0.97			<0.11	U	
		VMP-15-25.5-110116-Dup	11/1/2016	<0.22	U		0.12			<0.063	U		<0.097	U		<0.36	U		<0.021	U		1			<0.11	U	
	29 ft	VMP-15-29-020615	2/6/2015	<0.029	U		0.016			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.098			<0.014	U	
		VMP-15-29-020615-DUP	2/6/2015	<0.031	U		0.017			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.096			<0.015	U	
		VMP-15-29-050415	5/4/2015	0.019	J		0.01			<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.027			0.0063	J	
		VMP-15-29-072915	7/29/2015	<0.19	U		0.21			<0.13	U		<0.2	U		<0.076	U		<0.044	U		7.3			<0.23	U	
		VMP-15-29-072915-DUP	7/29/2015	0.06	J		0.2			<0.11	U		<0.17	U		<0.064	U		<0.036	U		7.1			<0.19	U	
		VMP-15-29-110415	11/4/2015	0.029	J		0.0045			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.018			0.0068	J	
		VMP-15-29-020316	2/3/2016	<0.25	U		0.2			<0.18	U		<0.27	U		<0.1	U		<0.059	U		8.3	J0	J	<0.31	U	
		VMP-15-29-050316	5/3/2016	0.012	J		0.0062			<0.0092	U		<0.014	U		0.0032	J		<0.003	U		0.044			0.0028	J	
		VMP-15-29-080216	8/2/2016	<0.42	U		0.089			<0.12	U		<0.18	U		<0.69	U		<0.039	U		0.45			<0.21	U	
VMP-16	5 ft	VMP-16-5-021115	2/11/2015	0.0098	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-16-5-050715	5/7/2015	0.047			0.02			<0.01	U		<0.015	U		<0.058	U		<0.0033	U		0.013	J		0.11		
		VMP-16-5-073115	7/31/2015	0.016	J		<0.0042	J	U	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	UJ	0.013		J	<0.016	J	U
		VMP-16-5-110415	11/4/2015	0.02	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	J	U
		VMP-16-5-020316	2/3/2016	0.016	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0031	J	
		VMP-16-5-050416	5/4/2016	0.027	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0057	J	
		VMP-16-5-080316	8/3/2016	0.044			0.0016	J		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		0.01	J		0.0073	J	
		VMP-16-5-103116	10/31/2016	<0.03	J	U	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	13.5 ft	VMP-16-13.5-021115	2/11/2015	<21	U		3.6	J		<15	U		<23	U		<8.6	U		<4.9	U		21	J		<26	U	
		VMP-16-13.5-050715	5/7/2015	11	J		3.2	J		<21	U		<33	U		<120	U		<7.1	U		<30	U		<38	U	
		VMP-16-13.5-073115	7/31/2015	<6.6	U		4.9			<4.7	U		<7.2	U		<2.7	U		<1.5	U		<6.6	U		<8.2	U	
		VMP-16-13.5-110415	11/4/2015	<13	U		4.1	J		<9.4	U		<14	U		<5.5	U		<3.1	U		<13	U		<17	U	
		VMP-16-13.5-020316	2/3/2016	<63	U		<21	U		<44	U		<68	U		<26	U	UJ	<15	U		<63	ND,UJ	UJ	<78	U	
		VMP-16-13.5-052516-R	5/25/2016	<6.5	U		1.4	J		<4.6	U		<7	U		<2.6	U		<1.5	U		<6.5	U		<8	U	
		VMP-16-13.5-080316	8/3/2016	14	J		3.5	J		<15	U		<23	U		<87	U		<5	U		<21	U		<26	U	
		VMP-16-13.5-103116	10/31/2016	<6.6	U		1.3	J		<4.7	U		<7.2	U		<11	U		<1.5	U		<6.6	U		<8.2	U	
	19 ft	VMP-16-19-021115	2/11/2015	<11	U		3.8			<7.6	U		<12	U		<4.4	U		<2.5	U		19			<13	U	
		VMP-16-19-050715	5/7/2015	29	J		4.5	J		<16	U		<25	U		<95	U		<5.4	U		31			8	J	
		VMP-16-19-073115	7/31/2015	<14	U		4.4	J		<9.7	U		<15	U		<5.6	U		<3.2	U		11	J		<17	U	
		VMP-16-19-110415	11/4/2015	<2.2	U		5.6			<1.6	U		<2.4	U		<0.91	U		<0.52	U		35			<2.8	U	
		VMP-16-19-020316	2/3/2016	<74	U		<25	U		<52	U		<80	U		<30	U	UJ	<17	U		20	J	J	<91	U	
		VMP-16-19-050416	5/4/2016	1.3	J		3.6			<3.3	U		<5.1	U		<19	U		<1.1	U		6.4			<5.8	U	
		VMP-16-19-080316	8/3/2016	18	J		4.2	J		<9.9	U		<15	U		<57	U		<3.3	U		4.7	J		2.9	J	
		VMP-16-19-103116	10/31/2016	<6.2	U		4.3			<4.4	U		<6.7	U		<10	U		<1.4	U		18			<7.7	U	
	31 ft	VMP-16-31-021115	2/11/2015	<9.5	U		2.9	J		<6.7	U		<10	U		<3.9	U		<2.2	U		53			<12	U	
		VMP-16-31-050715	5/7/2015	7.6	J		2.5	J		<12	U		<18	U		<70	U		<4	U		44			<21	U	
		VMP-16-31-073115	7/31/2015	<7	U		2.8			<5	U		<7.6	U		<2.9	U		<1.6	U		20			<8.7	U	
		VMP-16-31-073115-DUP	7/31/2015	<6.6	U		2.7			<4.6	U		<7.1	U		<2.7	U		<1.5	U		20			<8.1	U	
		VMP-16-31-110415	11/4/2015	<14	U		4.3	J		<9.7	U		<15	U		<5.6	U		<3.2	U		24			<17	U	
		VMP-16-31-020316	2/3/2016	<25	U		5	J		<18	U		<27	U		<10	U	UJ	<5.9	U		18	J	J	<31	U	
		VMP-16-31-020316-DUP	2/3/2016	<30	U		5.1	J		<21	U		<33	U		<12	U	UJ	<7	U		18	J	J	<38	U	
		VMP-16-31-050416	5/4/2016	15	J		6.1			<8.9	U		<14	U		<52	U		<2.9	U		26			<16	U	
		VMP-16-31-050416-DUP	5/4/2016	13	J		7			<8.7	U		<13	U		<50	U		<2.9	U		23			<15	U	
		VMP-16-31-080316	8/3/2016	13	J		5.3			<6	U		<9.3	U		<35	U		<2	U		27			4.2	J	
		VMP-16-31-103116	10/31/2016	<6	U		5.7			<4.2	U		<6.6	U		<9.9	U		<1.4	U		68			<7.5	U	
		VMP-16-31-103116-Dup	10/31/2016	<6.4	U		5.5			<4.5	U		<6.9	U		<10	U		<1.5	U		63			<7.9	U	
VMP-17	5 ft	VMP-17-5-020415	2/4/2015	<0.029	U		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-17-5-050115	5/1/2015	0.013	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0074	J	
		VMP-17-5-072815	7/28/2015	0.016	J		<0.0048	J	U	<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0036	J	
		VMP-17-5-102915	10/29/2015	0.014	J		0.0014	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.007	J	
		VMP-17-5-020216	2/2/2016	<0.028	J	U	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.0099	J		<0.014	U	
		VMP-17-5-050216	5/2/2016	0.006	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-17-5-072516	7/25/2016	0.017	J		0.0015	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		0.0049	J	
		VMP-17-5-103116	10/31/2016	0.016	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0047	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-18	8.5 ft	VMP-18-8.5-020415	2/4/2015	0.0078	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-18-8.5-050115	5/1/2015	0.01	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0028	J	
		VMP-18-8.5-050115-DUP	5/1/2015	0.0089	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0029	J	
		VMP-18-8.5-072815	7/28/2015	0.018	J		<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0072	J	
		VMP-18-8.5-102915	10/29/2015	0.022	J		0.0011	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0059	J	
		VMP-18-8.5-020216	2/2/2016	0.024	J		0.00091	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.02			0.0067	J	
		VMP-18-8.5-050516	5/5/2016	0.014	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0035	J	
		VMP-18-8.5-072516	7/25/2016	0.02	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-18-8.5-102516	10/26/2016	0.018	J		<0.008	U		<0.017	U		<0.026	U		<0.098	U		<0.0056	U		<0.024	U		<0.03	U	
VMP-19	5 ft	VMP-19-5-020415	2/4/2015	0.01	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-19-5-050115	5/1/2015	0.017	J		0.001	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		0.0068	J	
		VMP-19-5-072815	7/28/2015	0.022	J		0.0013	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		0.051			0.0081	J	
		VMP-19-5-102615	10/26/2015	0.031	J		<0.0044	J	U	<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.016	J	
		VMP-19-5-020216	2/2/2016	0.016	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.012	J		<0.016	U	
		VMP-19-5-050616	5/6/2016	0.021	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0035	J	
		VMP-19-5-072816	7/28/2016	0.023	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0032	J	
		VMP-19-5-102516	10/26/2016	0.014	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-20	5 ft	VMP-20-5-012715	1/27/2015	0.0092	J		0.00086	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-20-5-042715	4/27/2015	0.011	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-20-5-072015	7/20/2015	0.015	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0029	J		0.0043	J	
		VMP-20-5-102015	10/20/2015	<0.029	J	U	0.0018	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.009	J		0.0013	J	
		VMP-20-5-021616	2/16/2016	0.02	J		<0.0052	U		<0.011	U		<0.017	U		<0.063	U		<0.0036	U		<0.015	U		0.0042	J	
		VMP-20-5-042516	4/25/2016	<0.033	J	U	0.0017	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-20-5-072216	7/22/2016	0.021	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0099	J	
		VMP-20-5-102616	10/26/2016	0.0084	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
	10 ft	VMP-20-10-012715	1/27/2015	0.014	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0047	J	
		VMP-20-10-012715-DUP	1/27/2015	0.01	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.003	J	
		VMP-20-10-042715	4/27/2015	0.0038	J		0.00096	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.004	J	
		VMP-20-10-072015	7/20/2015	0.01	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0028	J	
		VMP-20-10-102015	10/20/2015	0.018	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.0068	J	
		VMP-20-10-102015-DUP	10/20/2015	<0.033	J	U	0.0013	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0036	J	
		VMP-20-10-021616	2/16/2016	0.018	J		0.0024	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.0071	J		0.0044	J	
		VMP-20-10-042516	4/25/2016	0.014	J		0.002	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.018			<0.017	U	
		VMP-20-10-072216	7/22/2016	0.028	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-20-10-102616	10/26/2016	0.022	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		0.0082	J	
	25 ft	VMP-20-25-012715	1/27/2015	0.01	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0054	J	
		VMP-20-25-042715	4/27/2015	0.0081	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0054	J	
		VMP-20-25-072015	7/20/2015	0.013	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.054			0.0024	J	
		VMP-20-25-102015	10/20/2015	0.022	J		0.0013	J		<0.0079	U		<0.012	U		0.0022	J		<0.0026	U		0.021			0.0065	J	
		VMP-20-25-020216	2/2/2016	0.012	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-20-25-042516	4/25/2016	<0.033	J	U	0.0022	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-20-25-072216	7/22/2016	0.027	J		<0.0047	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0075	J	
		VMP-20-25-102616	10/26/2016	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	39.5 ft	VMP-20-39.5-042715	4/27/2015	0.0083	J		0.0024	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U	UJ	0.0061	J		0.0066	J	
		VMP-20-39.5-042715-DUP	4/27/2015	0.01	J		0.0025	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U	UJ	0.0096	J		0.0062	J	
		VMP-20-39.5-072015	7/20/2015	0.013	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0061	J		0.0024	J	
		VMP-20-39.5-072015-DUP	7/20/2015	0.016	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0068	J		0.0024	J	
		VMP-20-39.5-012715	1/27/2015	0.0064	J		0.001	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-20-39.5-102015	10/20/2015	0.03			0.0015	J		<0.0084	U		<0.013	U		0.0021	J		<0.0028	U		0.0094	J		0.0099	J	
		VMP-20-39.5-020216	2/2/2016	<0.03	J	U	0.0019	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.015			<0.015	U	
		VMP-20-39.5-020216-DUP	2/2/2016	<0.029	J	U	0.0021	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0098	J		<0.015	U	
VMP-21	5 ft	VMP-21-5-012715	1/27/2015	0.0073	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-21-5-042715	4/27/2015	0.0084	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U	UJ	<0.014	U		0.0034	J	
		VMP-21-5-072015	7/20/2015	0.02	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0049	J	
		VMP-21-5-102315	10/23/2015	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0033	J	
		VMP-21-5-012616	1/26/2016	0.013	J		0.0066			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-21-5-042716	4/27/2016	0.0073	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-21-5-072616	7/26/2016	0.014	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-21-5-102416	10/24/2016	0.022	J		0.00073	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0051	J	
	10 ft	VMP-21-10-012715	1/27/2015	0.0073	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-21-10-042715	4/27/2015	0.016	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	UJ	<0.014	U		0.0055	J	
		VMP-21-10-072015	7/20/2015	0.018	J		0.024			<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0052	J	
		VMP-21-10-102315	10/23/2015	0.015	J		0.0016	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0079	J		0.003	J	
		VMP-21-10-012616	1/26/2016	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-21-10-042716	4/27/2016	0.0059	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-21-10-072616	7/26/2016	0.014	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-21-10-102416	10/24/2016	<0.059	U		<0.0079	U		<0.016	U		<0.026	U		<0.096	U		<0.0055	U		<0.023	U		<0.029	U	
	25 ft	VMP-21-25-012715	1/27/2015	0.0054	J		<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-21-25-042715	4/27/2015	0.0075	J		0.0016	J		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U	UJ	<0.012	U		0.0034	J	
		VMP-21-25-072015	7/20/2015	0.025	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.43			0.0046	J	
		VMP-21-25-102315	10/23/2015	0.015	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0046	J	
		VMP-21-25-012616	1/26/2016	0.011	J		0.00092	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0026	J	
		VMP-21-25-042716	4/27/2016	0.011	J		0.0022	J		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-21-25-072616	7/26/2016	<0.031	J	U	<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-21-25-102416	10/24/2016	0.0092	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-012715	1/27/2015	0.0088	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.004	J	
		VMP-21-33-072015	7/20/2015	0.03	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0056	J	
		VMP-21-33-102315	10/23/2015	0.014	J		0.0016	J		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0045	J	
		VMP-21-33-102315-DUP	10/23/2015	0.05	J		<0.0091	U		<0.019	U		<0.03	U		<0.11	U		<0.0063	U		0.008	J		0.012	J	
		VMP-21-33-042716	4/27/2016	0.011	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-21-33-072616	7/26/2016	0.012	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-21-33-102416	10/24/2016	0.0085	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
VMP-22	5 ft	VMP-22-5-012715	1/27/2015	0.013	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0046	J	
		VMP-22-5-042715	4/27/2015	0.0085	J		0.0043	J		<0.017	U		<0.026	U		<0.098	U		<0.0056	U	UJ	<0.024	U		0.0028	J	
		VMP-22-5-072015	7/20/2015	0.013	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0025	J	
		VMP-22-5-012616	1/26/2016	0.014	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0059	J		<0.016	J	U
		VMP-22-5-042616	4/26/2016	0.012	J		0.0039	J		<0.012	U		<0.018	U		<0.067	U		<0.0038	U		<0.016	U		<0.02	U	
		VMP-22-5-072216	7/22/2016	0.032	J		<0.0049	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-22-5-102716	10/27/2016	0.03			<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		0.012	J	
	10 ft	VMP-22-10-012715	1/27/2015	0.011	J		0.0012	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.0056	J		<0.017	U	
		VMP-22-10-042715	4/27/2015	0.0054	J		0.0032	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U	UJ	0.0083	J		0.0014	J	
		VMP-22-10-072015	7/20/2015	0.012	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0028	J		0.0015	J	
		VMP-22-10-102315	10/23/2015	0.015	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0044	J	
		VMP-22-10-012616	1/26/2016	0.019	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		0.0051	J		0.0037	J	
		VMP-22-10-042616	4/26/2016	0.016	J		0.0038	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0031	J	
		VMP-22-10-072216	7/22/2016	0.014	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-22-10-102716	10/27/2016	0.026	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0089	J	
	18 ft	VMP-22-18-012715	1/27/2015	0.011	J		0.00092	J		0.0056	J		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0029	J	
		VMP-22-18-012715-DUP	1/27/2015	0.0049	J		<0.004	U		0.0052	J		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U	
		VMP-22-18-042715	4/27/2015	0.008	J		0.001	J		0.01			<0.013	U		<0.047	U		<0.0027	U	UJ	<0.012	U		0.0019	J	
		VMP-22-18-072015	7/20/2015	0.017	J		0.003	J		0.027			<0.017	U		<0.065	U		<0.0037	U		<0.016	U		0.0031	J	
		VMP-22-18-102315	10/23/2015	0.014	J		<0.0042	U		0.014			<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.01	J	
		VMP-22-18-012616	1/26/2016	0.012	J		0.0013	J		0.0097			<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	J	U
		VMP-22-18-042616	4/26/2016	0.025	J		0.0051			0.0069	J		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0046	J	
		VMP-22-18-072216	7/22/2016	0.017	J		<0.0043	U		0.0088	J		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-22-18-102716	10/27/2016	0.02	J		<0.0044	U		0.0063	J		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
	38 ft	VMP-22-38-012715	1/27/2015	0.0079	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0029	J	
		VMP-22-38-042715	4/27/2015	0.0064	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U	UJ	<0.011	U		0.0012	J	
		VMP-22-38-042715-DUP	4/27/2015	0.0067	J		<0.0041	U		<0.0086	U		0.0042	J		<0.05	U		<0.0028	U	UJ	<0.012	U		0.0016	J	
		VMP-22-38-072015	7/20/2015	0.0097	J		0.0029	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.007	J		0.0016	J	
		VMP-22-38-072015-DUP	7/20/2015	0.012	J		0.0021	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0075	J		0.0013	J	
		VMP-22-38-102315	10/23/2015	0.013	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.003	J	
		VMP-22-38-012616-DUP	1/26/2016	0.011	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.005	J		<0.015	J	U
		VMP-22-38-042616	4/26/2016	0.0075	J		0.002	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		<0.018	U	
		VMP-22-38-072216	7/22/2016	0.032	J		0.0017	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0092	J	
		VMP-22-38-072216-DUP	7/22/2016	0.013	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-22-38-102716	10/27/2016	0.017	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0084	J	
		VMP-22-38-102716-Dup	10/27/2016	0.0065	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-23	5 ft	VMP-23-5-012715	1/27/2015	0.0098	J		<0.0049	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		<0.018	U	
		VMP-23-5-042715	4/27/2015	0.015	J		0.0074			0.0026	J		<0.014	U		<0.051	U		<0.0029	U	UJ	0.0072	J		0.0033	J	
		VMP-23-5-072015	7/20/2015	0.019	J		0.012			0.0024	J		<0.014	U		<0.051	U		<0.0029	U		0.037			0.0038	J	
		VMP-23-5-102615	10/26/2015	0.005	J		0.0017	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.002	J	
		VMP-23-5-012516	1/25/2016	0.0086	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-23-5-062816	6/28/2016	0.024	J		<0.0051	U		<0.011	U		<0.016	U		<0.062	U		<0.014	U		<0.015	U		0.0043	J	
		VMP-23-5-072216	7/22/2016	0.017	J		0.002	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-23-5-101916	10/19/2016	0.012	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
	10 ft	VMP-23-10-012715	1/27/2015	0.015	J		0.0018	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.0076	J		0.0025	J	
		VMP-23-10-042715	4/27/2015	0.013	J		<0.0045	U		0.0028	J		<0.015	U		<0.055	U		<0.0031	U	UJ	<0.014	U		0.002	J	
		VMP-23-10-072015	7/20/2015	0.018	J		<0.0042	U		0.0042	J		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0043	J	
		VMP-23-10-102615	10/26/2015	0.094			<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-23-10-012516	1/25/2016	0.024	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.0021	J		0.0052	J	
		VMP-23-10-062816	6/28/2016	0.016	J		0.00077	J		0.0019	J		<0.016	U		<0.059	U		<0.013	U		<0.014	U		0.0042	J	
		VMP-23-10-072216	7/22/2016	0.016	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-23-10-101916	10/19/2016	0.044			0.0033	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		0.022			0.0051	J	
	25 ft	VMP-23-25-012715	1/27/2015	0.012	J		<0.0039	U		0.0025	J		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0026	J	
		VMP-23-25-042715	4/27/2015	0.011	J		<0.0044	U		0.0057	J		<0.014	U		<0.054	U		<0.0031	U	UJ	<0.013	U		0.0014	J	
		VMP-23-25-072015	7/20/2015	0.013	J		<0.0044	U		0.0087	J		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0025	J	
		VMP-23-25-102615	10/26/2015	0.011	J		<0.0043	U		0.0049	J		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0032	J	
		VMP-23-25-012516	1/25/2016	0.015	J		0.0014	J		0.005	J		<0.014	U		<0.054	U		<0.0031	U		0.0026	J		<0.016	J	U
		VMP-23-25-062816	6/28/2016	0.013	J		<0.0047	U		0.0043	J		<0.015	U		<0.057	U		<0.013	U		<0.014	U		<0.017	U	
		VMP-23-25-072216	7/22/2016	0.02	J		<0.0047	U		0.003	J		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-23-25-101916	10/19/2016	0.013	J		<0.0045	U		0.002	J		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0041	J	
	40 ft	VMP-23-40-012715	1/27/2015	0.0064	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-23-40-042715	4/27/2015	0.0061	J		<0.0049	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-23-40-072015	7/20/2015	0.023	J		0.035			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.059			0.0023	J	
		VMP-23-40-102615	10/26/2015	0.01	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0034	J	
		VMP-23-40-102615-DUP	10/26/2015	0.0091	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0029	J	
		VMP-23-40-012516	1/25/2016	0.01	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.0055	J		0.0032	J	
		VMP-23-40-072216	7/22/2016	0.0067	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-020215	2/2/2015	0.0083	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-24-5-042715	4/27/2015	0.012	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0064	J	
		VMP-24-5-072115	7/21/2015	0.03	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.022			0.009	J	
		VMP-24-5-102915	10/29/2015	0.022	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.011	J		0.0042	J	
		VMP-24-5-012716	1/27/2016	0.017	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0043	J		0.0033	J	
		VMP-24-5-042916	4/29/2016	0.021	J		0.00073	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.005	J	
		VMP-24-5-072716	7/27/2016	0.045			<0.0048	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.003	J	
		VMP-24-5-102816	10/28/2016	0.016	J		0.00091	J		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.0048	J		<0.013	U	
	10 ft	VMP-24-10-020215	2/2/2015	0.0042	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-24-10-042715	4/27/2015	0.016	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-24-10-072115	7/21/2015	0.019	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0067	J		0.0052	J	
		VMP-24-10-102915	10/29/2015	0.034			<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0082	J	
		VMP-24-10-012716	1/27/2016	0.014	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0038	J	
		VMP-24-10-042916	4/29/2016	0.024	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0063	J	
		VMP-24-10-072716	7/27/2016	0.03	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.003	J	
		VMP-24-10-102816	10/28/2016	0.013	J		0.0012	J		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		0.0094	J		<0.012	U	
	22 ft	VMP-24-22-020215	2/2/2015	0.0074	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-24-22-042715	4/27/2015	0.014	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-24-22-072115	7/21/2015	0.027	J	J	<0.0042	U	UJ	<0.0088	U	UJ	<0.014	U	UJ	<0.051	U	UJ	<0.0029	U	UJ	<0.012	U	UJ	0.0052	J	J
		VMP-24-22-082415	8/24/2015	0.016	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-24-22-082415-DUP	8/24/2015	0.016	J		<0.0049	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-24-22-102915	10/29/2015	0.021	J		<0.0046	J	U	<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.0046	J		0.0053	J	
		VMP-24-22-012716	1/27/2016	0.015	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0033	J		0.0021	J	
		VMP-24-22-042916	4/29/2016	0.017	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.0066	J		<0.017	U	
		VMP-24-22-072716	7/27/2016	0.027	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0059	J	
		VMP-24-22-102816	10/28/2016	0.02	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0056	J	
	34 ft	VMP-24-34-020215	2/2/2015	0.012	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0025	J	
		VMP-24-34-020215-DUP	2/2/2015	0.0086	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-24-34-042715	4/27/2015	0.012	J		<0.0056	U		<0.012	U		<0.018	U		<0.068	U		<0.0039	U		<0.017	U		0.0082	J	
		VMP-24-34-072115	7/21/2015	0.024	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0057	J	
		VMP-24-34-072115-DUP	7/21/2015	0.015	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0031	J	
		VMP-24-34-102915	10/29/2015	0.016	J		<0.0042	J	U	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0086	J	
		VMP-24-34-012716	1/27/2016	0.1			<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		0.0059	J		0.021		
		VMP-24-34-042916	4/29/2016	0.03	J		0.0013	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0066	J	
		VMP-24-34-072716	7/27/2016	0.026	J		0.00048	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0032	J	
		VMP-24-34-072716-DUP	7/27/2016	0.013	J		0.0018	J		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		0.0021	J	
		VMP-24-34-102816	10/28/2016	0.01	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-24-34-102816-Dup	10/28/2016	0.026	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0098	J	
VMP-25	5 ft	VMP-25-5-021115	2/11/2015	0.0077	J		0.0045			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-25-5-050715	5/7/2015	0.015	J		<0.0044	U		<0.0091	U		<0.014	U		0.0033	J		<0.003	U		<0.013	U		0.0061	J	
		VMP-25-5-073015	7/30/2015	0.015	J		<0.0044	J	U	<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0034	J	
		VMP-25-5-110515	11/5/2015	0.02	J		0.0012	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0036	J	
		VMP-25-5-021616	2/16/2016	0.015	J		<0.0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		0.0066	J		0.002	J	
		VMP-25-5-050416	5/4/2016	<0.58	U		<0.078	U		<0.16	U		<0.25	U		<0.95	U		<0.054	U		3.6			<0.29	U	
		VMP-25-5-080316	8/3/2016	0.083			0.00092	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.021		
		VMP-25-5-103116	10/31/2016	<0.029	J	U	<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
	21 ft	VMP-25-21-021115	2/11/2015	<5.9	U		11			<4.2	U		<6.4	U		<2.4	U		<1.4	U		140			<7.3	U	
		VMP-25-21-050715	5/7/2015	3.4	J		5			<8.1	U		<12	U		<47	U		<2.7	U		130			<14	U	
		VMP-25-21-073015	7/30/2015	<3	U		6.6			<2.2	U		<3.3	U		<1.2	U		<0.71	U		100			<3.8	U	
		VMP-25-21-110515	11/5/2015	<2.7	U		2.7			<1.9	U		<3	U		<1.1	ND,UJ	UJ	<0.63	U		75			<3.4	U	
		VMP-25-21-050416	5/4/2016	<0.14	U		<0.048	U		<0.1	U		<0.16	U		<0.059	U		<0.034	U		<0.14	U		<0.18	U	
		VMP-25-21-080316	8/3/2016	0.036			0.0015	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0084	J		0.0092	J	
		VMP-25-21-103116	10/31/2016	<0.031	J	U	<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-25-21-103116-Dup	10/31/2016	<0.029	J	U	<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
	31 ft	VMP-25-31-021115	2/11/2015	<5.6	U		8.5			<4	U		<6.1	U		<2.3	U		<1.3	U		150			<7	U	
		VMP-25-31-021115-DUP	2/11/2015	<5.6	U		8.3			<3.9	U		<6	U		<2.3	U		<1.3	U		140			<6.9	U	
		VMP-25-31-050715	5/7/2015	6.2	J		2.6	J		<11	U		<17	U		<63	U		<3.6	U		120			<19	U	
		VMP-25-31-050715-DUP	5/7/2015	5	J		2.4	J		<10	U		<16	U		<61	U		<3.5	U		110			<18	U	
		VMP-25-31-073015	7/30/2015	<3.6	U		3.7			<2.5	U		<3.9	U		<1.5	U		<0.84	U		98			<4.4	U	
		VMP-25-31-073015-DUP	7/30/2015	<3.2	U		3.7			<2.2	U		<3.4	U		<1.3	U		<0.74	U		93			<3.9	U	
		VMP-25-31-110515	11/5/2015	<2.6	U		1.7			<1.8	U		<2.8	U		<1	ND,UJ	UJ	<0.6	U		74			<3.2	U	
		VMP-25-31-021616	2/16/2016	<3.9	U		1	J		<2.7	U		<4.2	U		<1.6	U		<0.9	U		82			<4.8	U	
		VMP-25-31-021616-DUP	2/16/2016	<6.1	U		1.3	J		<4.3	U		<6.6	U		<2.5	U		<1.4	U		82			<7.5	U	
		VMP-25-31-050416	5/4/2016	1.4	J		1.4	J		<4.7	U		<7.2	U		<27	U		<1.5	U		120			<8.2	U	
		VMP-25-31-080316	8/3/2016	<0.64	U		0.015	J		<0.18	U		<0.28	U		<1	U		<0.06	U		0.5			<0.32	U	
		VMP-25-31-080316-DUP	8/3/2016	0.045	J		0.022	J		<0.16	U		<0.25	U		<0.92	U		<0.053	U		0.48			<0.28	U	
		VMP-25-31-103116	10/31/2016	<0.11	U		2.6		J	<0.081	U		<0.12	U		<0.19	U		<0.027	U		160			<0.14	U	
VMP-29	10 ft	VMP-29-10-020515	2/5/2015	0.015	J		0.15			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.029		
		VMP-29-10-050615	5/6/2015	0.1			0.011			<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.37		
		VMP-29-10-072715	7/27/2015	0.094			0.007			<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.013			0.29		
		VMP-29-10-103015	10/30/2015	0.043			0.0049			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.059			0.052		
		VMP-29-10-012716	1/27/2016	0.044			0.04			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0051	J		0.019		
		VMP-29-10-050216	5/2/2016	0.094			0.003	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0057	J		0.11		
		VMP-29-10-072816	7/28/2016	0.17			0.029			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.98		
		VMP-29-10-120916	12/9/2016	0.015	J		0.0054			<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.0077	J		0.026		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	20 ft	VMP-29-20-020515	2/5/2015	0.16			0.11			<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.45		
		VMP-29-20-050615	5/6/2015	0.21			0.013			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.76		
		VMP-29-20-072715	7/27/2015	0.13			0.0052	J		<0.012	U		<0.018	U		<0.069	U		<0.0039	U		0.0079	J		0.59		
		VMP-29-20-103015	10/30/2015	0.035			0.0077			<0.0089	U		<0.014	U		<0.052	U		<0.003	U		0.018			0.085		
	18 ft	VMP-29-20-020416-R	2/4/2016	0.16			0.16			<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.0049	J		0.39		
		VMP-29-20-050216	5/2/2016	0.37			0.014			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0054	J		1.2		
		VMP-29-20-072816	7/28/2016	0.71			0.053			<0.019	U		<0.029	U		<0.11	U		<0.0062	U		<0.027	U		3.3		
		VMP-29-18-110316	11/3/2016	0.81			0.025			<0.018	U		<0.027	U		<0.1	U		<0.0058	U		<0.025	U		2.8		
	26 ft	VMP-29-30-020615	2/6/2015	0.0097	J		0.017			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0045	J	
		VMP-29-30-050615	5/6/2015	0.03	J		0.0042	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.013	J		0.052		
		VMP-29-30-050615-DUP	5/6/2015	0.053			0.0042	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.028			0.06		
		VMP-29-30-080315	8/3/2015	0.16			0.0065			<0.01	U		<0.015	U		<0.058	U		<0.0033	U	UJ	<0.014	U	UJ	0.33		
		VMP-29-30-103015	10/30/2015	0.074			0.0025	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.043		
		VMP-29-30-012716	1/27/2016	0.047			0.0034	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.053		
		VMP-29-30-050216	5/2/2016	0.049	J		<0.015	U		<0.032	U		<0.05	U		<0.19	U		<0.011	U		<0.046	U		0.016	J	
		VMP-29-30-072816	7/28/2016	1.8			0.02			<0.022	U		<0.034	U		<0.13	U		<0.0072	U		<0.031	U		3.4		
		VMP-29-26-110316	11/3/2016	0.051			0.0072			<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.024		
		VMP-29-26-110316-Dup	11/3/2016	0.041			0.0071			<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.019		
VMP-30	10 ft	VMP-30-10-020615	2/6/2015	0.038			0.025			<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.057		
		VMP-30-10-050515	5/5/2015	0.04			0.0019	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0029	J		0.046		
		VMP-30-10-072715	7/27/2015	0.065			0.028			<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.0045	J		0.14		
		VMP-30-10-103015	10/30/2015	0.13			0.003	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.3		
		VMP-30-10-020416	2/4/2016	0.024	J		0.0019	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.042		
		VMP-30-10-050216	5/2/2016	0.044			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.14		
		VMP-30-10-072816	7/28/2016	1.1			0.0032	J		<0.037	U		<0.057	U		<0.21	U		<0.012	U		<0.052	U		3.8		
		VMP-30-10-110316	11/3/2016	0.043			0.0044			<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.0056	J		0.11		
	18 ft	VMP-30-20-020615	2/6/2015	0.025	J		0.058			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0057	J		0.022		
		VMP-30-20-050515	5/5/2015	0.079			0.012			<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0046	J		0.18		
		VMP-30-20-072715	7/27/2015	0.99			0.064			<0.022	U		<0.034	U		<0.13	U		<0.0073	U		<0.031	U		2.8		
		VMP-30-20-103015	10/30/2015	0.083			0.049			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.091		
		VMP-30-20-012716	1/27/2016	0.019	J		0.0068			<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		0.011	J		0.0066	J	
		VMP-30-20-050216	5/2/2016	0.0083	J		0.0052			<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.015	J	
		VMP-30-20-072816	7/28/2016	1.3			0.12			<0.041	U		<0.063	U		<0.24	U		<0.013	U		<0.058	U		4.4		
		VMP-30-18-110316	11/3/2016	0.052			0.013			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0052	J		0.057		
	26 ft	VMP-30-30-020615	2/6/2015	0.1			0.12			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0092	J		0.17		
		VMP-30-30-050515	5/5/2015	0.05			0.035			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.018			0.12		
		VMP-30-30-050515-DUP	5/5/2015	0.049			0.037			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.022			0.12		
		VMP-30-30-072715	7/27/2015	0.31			0.08			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.0089	J		1.3		
		VMP-30-30-103015	10/30/2015	0.066			0.01			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0053	J		0.088		
		VMP-30-30-012716	1/27/2016	0.16			0.13			<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.01	J		0.24		
		VMP-30-30-050216	5/2/2016	0.13			0.024			<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.34		
		VMP-30-30-072816	7/28/2016	4.4		J	0.24		J	<0.081	U		<0.12	U		<0.47	U		<0.027	U		<0.12	U		14		
		VMP-30-30-072816-DUP	7/28/2016	3.4		J	0.36		J	<0.064	U		<0.099	U		<0.37	U		<0.021	U		<0.091	U		11		
		VMP-30-26-110316	11/3/2016	0.4			0.07			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0081	J		1		
VMP-32	5 ft	VMP-32-5-021015	2/10/2015	0.0084	J		<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		0.0082	J		<0.012	U	
		VMP-32-5-073115	7/31/2015	0.028	J	J	0.0019	J	J	<0.0093	U	UJ	<0.014	U	UJ	<0.054	U	UJ	<0.0031	U	UJ	<0.013	U	UJ	0.0084	J	J
		VMP-32-5-082415	8/24/2015	0.02	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-32-5-110415	11/4/2015	0.023	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0033	U		<0.014	U		0.0073	J	
		VMP-32-5-012616	1/26/2016	0.016	J		0.0021	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0072	J		0.0032	J	
		VMP-32-5-042716	4/27/2016	0.014	J		0.0019	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.012	J		0.0072	J	
		VMP-32-5-072616	7/26/2016	0.015	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0023	J	
		VMP-32-5-102716	10/27/2016	0.018	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0059	J	
	10 ft	VMP-32-10-021015	2/10/2015	0.0072	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.0064	J		<0.014	U	
		VMP-32-10-051115	5/11/2015	0.012	J	J	<0.005	U	UJ	<0.01	U	UJ	<0.016	U	UJ	<0.061	U	UJ	<0.0035	U	UJ	<0.015	U	UJ	0.0024	J	J
		VMP-32-10-052915-R	5/29/2015	0.028	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.013	J		0.0048	J	
		VMP-32-10-110415	11/4/2015	0.023	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0055	J	
		VMP-32-10-012616	1/26/2016	0.015	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0048	J		0.0051	J	
		VMP-32-10-042716	4/27/2016	0.024	J		0.0029	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0068	J	
		VMP-32-10-072616	7/26/2016	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0062	J		<0.015	U	
		VMP-32-10-102716	10/27/2016	0.021	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0073	J	
	20 ft	VMP-32-20-021015	2/10/2015	0.013	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-32-20-051115	5/11/2015	0.017	J		<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0091	J	
		VMP-32-20-080315	8/3/2015	0.039			<0.0043	J	U	<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0077	J	
		VMP-32-20-110415	11/4/2015	0.035			0.0011	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.01	J	
		VMP-32-20-110415-DUP	11/4/2015	0.016	J		0.0015	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.006	J	
		VMP-32-20-021616	2/16/2016	0.015	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		0.0036	J		0.0034	J	
		VMP-32-20-042716	4/27/2016	0.025	J		0.0017	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0054	J	
		VMP-32-20-082616-R	8/29/2016	0.054			0.0014	J		<0.012	U		<0.018	U		<0.067	U		<0.0038	U		<0.016	U		0.0095	J	
		VMP-32-20-102716	10/27/2016	0.017	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0045	J	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	30 ft	VMP-32-30-021015	2/10/2015	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.013			0.0041	J	
		VMP-32-30-050515	5/5/2015	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-32-30-073115	7/31/2015	0.071		J	0.0096		J	<0.0093	U	UJ	<0.014	U	UJ	<0.054	U	UJ	<0.0031	U	UJ	<0.013	U	UJ	0.015	J	J
		VMP-32-30-073115-DUP	7/31/2015	0.037		J	0.0056		J	<0.01	U	UJ	<0.016	U	UJ	<0.06	U	UJ	<0.0034	U	UJ	<0.015	U	UJ	0.0065	J	J
		VMP-32-30-082415	8/24/2015	0.011	J		0.0026	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-32-30-082415-DUP	8/24/2015	0.041			<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-32-30-110415	11/4/2015	0.022	J		0.0014	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0079	J	
		VMP-32-30-020216	2/2/2016	0.014	J		0.0011	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.008	J		<0.015	U	
		VMP-32-30-042716	4/27/2016	0.0054	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-32-30-072616	7/26/2016	0.021	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0038	J	
		VMP-32-30-102716	10/27/2016	0.012	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
VMP-41	10 ft	VMP-41-10-020415	2/4/2015	0.0087	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-41-10-020415-DUP	2/4/2015	0.0064	J		0.001	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-41-10-043015	4/30/2015	0.015	J		0.0014	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.029		
		VMP-41-10-072815	7/28/2015	0.027	J		0.0036	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.007	J	
		VMP-41-10-110215	11/2/2015	0.022	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.008	J	
		VMP-41-10-012716	1/27/2016	0.009	J		0.0006	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-41-10-050216	5/2/2016	0.016	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.004	J	
		VMP-41-10-072816	7/28/2016	0.038			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-41-10-102416	10/24/2016	0.013	J		<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
	20 ft	VMP-41-20-020415	2/4/2015	0.0045	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-41-20-043015	4/30/2015	<0.3	U		<0.099	U		<0.21	U		<0.32	U		<0.12	U		<0.069	U		<0.3	U		<0.37	U	
		VMP-41-20-072815	7/28/2015	0.032	J		<0.0046	J	U	<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0082	J	
		VMP-41-20-110215	11/3/2015	0.032	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.011	J		0.014	J	
		VMP-41-20-012716	1/27/2016	0.0094	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-41-20-050216	5/2/2016	0.03			0.00083	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0085	J	
		VMP-41-20-072816	7/28/2016	0.016	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-41-20-102416	10/24/2016	0.026	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0094	J	
	26 ft	VMP-41-30-020415	2/4/2015	0.0068	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-41-30-043015	4/30/2015	0.01	J		0.0012	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0035	J	
		VMP-41-30-043015-DUP	4/30/2015	0.0083	J		0.0011	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0024	J	
		VMP-41-30-110215	11/2/2015	0.019	J		0.0011	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0073	J	
		VMP-41-30-110215-DUP	11/2/2015	0.016	J		0.0012	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0043	J	
		VMP-41-30-012716	1/27/2016	0.016	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0022	J	
		VMP-41-30-012716-DUP	1/27/2016	0.008	J		0.00069	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-41-30-050216	5/2/2016	<0.032	J	U	<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-41-30-072816	7/28/2016	0.054			<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-41-30-072816-DUP	7/28/2016	0.015	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-41-26-102416	10/24/2016	0.012	J		0.0016	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.012			<0.014	U	
		VMP-41-30-072815	7/28/2015	0.02	J		<0.0051	J	U	<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.0041	J	
VMP-42	10 ft	VMP-42-10-020315	2/3/2015	0.0057	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-42-10-042915	4/29/2015	0.0066	J		0.0011	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.004	J	
		VMP-42-10-072115	7/21/2015	0.018	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0027	J	
		VMP-42-10-102715	10/27/2015	0.021	J		<0.0039	J	U	<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0054	J	
		VMP-42-10-020116	2/1/2016	0.0098	J		0.00049	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-42-10-042616	4/26/2016	<0.033	U		0.0062			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0077	J		<0.017	U	
		VMP-42-10-072616	7/26/2016	0.019	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-42-10-102716	10/27/2016	0.018	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0088	J	
	20 ft	VMP-42-20-020315	2/3/2015	0.0053	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-42-20-042915	4/29/2015	0.0083	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0032	J	
		VMP-42-20-072115	7/21/2015	0.017	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0035	J	
		VMP-42-20-102715	10/27/2015	0.021	J		<0.0048	J	U	<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0069	J	
		VMP-42-20-020116	2/1/2016	0.02	J		0.0011	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0034	J	
		VMP-42-20-042616	4/26/2016	0.0088	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-42-20-072616	7/26/2016	0.0088	J		<0.0048	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-42-20-102676	10/27/2016	0.0091	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
	30 ft	VMP-42-30-020315	2/3/2015	0.0055	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-42-30-042915	4/29/2015	0.014	J		0.0014	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0068	J	
		VMP-42-30-080315	8/3/2015	0.029	J		<0.0043	J	U	<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0083	J	
		VMP-42-30-080315-DUP	8/3/2015	0.027	J		0.0022	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U	UJ	<0.012	U	UJ	0.0096	J	
		VMP-42-30-102715	10/27/2015	0.017	J		<0.004	J	U	<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0042	J	
		VMP-42-30-020116	2/1/2016	0.035			<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0052	J	
		VMP-42-30-042616	4/26/2016	0.033	J		0.0012	J		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.0036	J	
		VMP-42-30-072616	7/26/2016	0.016	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-42-30-102716	10/27/2016	0.026	J		0.001	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		0.0054	J		0.0064	J	
		VMP-42-30-102716-Dup	10/27/2016	<0.06	U		<0.0081	U		<0.017	U		<0.026	U		<0.098	U		<0.0056	U		<0.024	U		<0.03	U	
VMP-43	10 ft	VMP-43-10-021015	2/10/2015	0.0076	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-43-10-050515	5/5/2015	0.042			0.0055			<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.018		
		VMP-43-10-072115	7/21/2015	0.029	J		<0.0043	J	U	<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0082	J	
		VMP-43-10-102915	10/29/2015	0.019	J		<0.0049	J	U	<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0029	J	
		VMP-43-10-020116	2/1/2016	<0.035	J	U	0.00091	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-43-10-042716	4/27/2016	0.022	J		0.0029	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.0084	J		<0.017	U	
		VMP-43-10-072716	7/27/2016	0.024	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.006	J	
		VMP-43-10-102616	10/26/2016	0.043			0.0048			<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		0.0067	J		0.0079	J	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	20 ft	VMP-43-20-021215	2/12/2015	0.015	J		0.00095	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0039	J	
		VMP-43-20-021215-DUP	2/12/2015	0.01	J		0.00083	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-43-20-050515	5/5/2015	0.022	J		0.00067	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.008	J	
		VMP-43-20-072115	7/21/2015	0.025	J		<0.0054	J	U	0.0024	J		<0.017	U		<0.065	U		<0.0037	U		<0.016	U		0.012	J	
		VMP-43-20-102915	10/29/2015	0.026	J		<0.0038	J	U	<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		0.011	J	
		VMP-43-20-102915-DUP	10/29/2015	0.02	J		<0.0038	J	U	<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.012	J	
		VMP-43-20-020116	2/1/2016	0.024	J		0.0014	J		<0.014	U		<0.022	U		<0.082	U		<0.0047	U		0.007	J		0.0048	J	
		VMP-43-20-042716	4/27/2016	0.011	J		0.002	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-43-20-072716	7/27/2016	0.024	J		0.0024	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.0043	J		0.0039	J	
		VMP-43-20-102616	10/26/2016	0.017	J		0.00097	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
	30 ft	VMP-43-30-050515	5/5/2015	0.023	J		0.0039	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		0.015			0.017	J	
		VMP-43-30-050515-DUP	5/5/2015	0.013	J		0.0022	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.011	J	
		VMP-43-30-072115	7/21/2015	0.026	J		<0.0043	J	U	0.0014	J		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0069	J	
		VMP-43-30-102915	10/29/2015	0.017	J		<0.0039	J	U	<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0034	J	
		VMP-43-30-020116	2/1/2016	0.029	J		0.00056	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0061	J	
		VMP-43-30-042716	4/27/2016	0.017	J		<0.005	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0024	J	
		VMP-43-30-042716-DUP	4/27/2016	0.016	J		0.0024	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0024	J	
		VMP-43-30-072716	7/27/2016	0.023	J		0.0011	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		0.0043	J	
		VMP-43-30-102616	10/26/2016	0.019	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-43-30-102616-Dup	10/26/2016	0.026	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0074	J	
VMP-44	10 ft	VMP-44-10-020415	2/4/2015	0.013	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.003	J	
		VMP-44-10-050115	5/1/2015	0.021	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.017		
		VMP-44-10-072415	7/24/2015	0.042			<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0079	J	
		VMP-44-10-102815	10/28/2015	0.022	J		0.0011	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0058	J	
		VMP-44-10-012516	1/25/2016	0.021	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0028	J		0.0061	J	
		VMP-44-10-042816	4/28/2016	0.012	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-44-10-072716	7/27/2016	0.038			<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0065	J	
		VMP-44-10-102716	10/27/2016	0.015	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
	20 ft	VMP-44-20-020415	2/4/2015	0.014	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0029	J	
		VMP-44-20-051115	5/11/2015	0.014	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0041	J	
		VMP-44-20-072415	7/24/2015	0.033			0.002	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0089	J	
		VMP-44-20-102815	10/28/2015	0.024	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0066	J	
		VMP-44-20-020216-R	2/2/2016	0.02	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.007	J	
		VMP-44-20-042816	4/28/2016	0.03	J		<0.0051	U		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		0.0064	J		0.0062	J	
		VMP-44-20-072716	7/27/2016	0.013	J		0.0012	J		<0.011	U		<0.017	U		<0.063	U		<0.0036	U		<0.016	U		<0.019	U	
		VMP-44-20-102716	10/27/2016	0.023	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
	30 ft	VMP-44-30-020415	2/4/2015	0.0048	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.002	J	
		VMP-44-30-051115	5/11/2015	0.018	J		0.0012	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0044	J	
		VMP-44-30-072415	7/24/2015	0.04			0.0029	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0045	J	
		VMP-44-30-102815	10/28/2015	0.032	J		0.00079	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.011	J	
		VMP-44-30-012516	1/25/2016	0.026	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.005	J	
		VMP-44-30-050516	5/5/2016	0.01	J		<0.0056	U		<0.012	U		<0.018	U		<0.068	U		<0.0038	U		<0.016	U		<0.02	U	
		VMP-44-30-072716	7/27/2016	0.054			0.00094	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		0.01	J	
		VMP-44-30-102716	10/27/2016	0.027	J		0.001	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0048	J		0.006	J	
VMP-45	10 ft	VMP-45-10-020615	2/6/2015	0.0078	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-45-10-051215	5/12/2015	0.058			<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.02			0.0067	J	
		VMP-45-10-072115	7/21/2015	0.032			0.021			<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.051			0.0072	J	
		VMP-45-10-102815	10/28/2015	<0.033	J	U	<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-45-10-030916-R	3/9/2016	<0.032	J	U	<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-45-10-042816	4/28/2016	0.013	J		0.0024	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.004	J	
		VMP-45-10-082616	8/26/2016	0.083			0.0018	J		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		0.013			0.0099	J	
		VMP-45-10-102816	10/28/2016	0.012	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
	20 ft	VMP-45-20-020615	2/6/2015	0.0047	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-45-20-042915	4/29/2015	0.011	J		0.0028	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.006	J	
		VMP-45-20-072115	7/21/2015	0.033	J		0.0016	J		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.0072	J	
		VMP-45-20-102815	10/28/2015	0.026	J		<0.0039	J	U	<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.006	J	
		VMP-45-20-012516	1/25/2016	0.017	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0034	J	
		VMP-45-20-042816	4/28/2016	0.013	J		0.0021	J		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		0.009	J	
		VMP-45-20-072716	7/27/2016	0.021	J		0.00093	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0041	J	
		VMP-45-20-102816	10/28/2016	0.011	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
	30 ft	VMP-45-30-020615	2/6/2015	0.0095	J		0.0022	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0077	J		<0.016	U	
		VMP-45-30-020615-DUP	2/6/2015	0.0081	J		0.0022	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0068	J		<0.015	U	
		VMP-45-30-042915	4/29/2015	0.013	J		0.0019	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.0026	J		0.004	J	
		VMP-45-30-072115	7/21/2015	0.037			0.003	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0096	J	
		VMP-45-30-072115-DUP	7/21/2015	0.05			0.003	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0067	J	
		VMP-45-30-102815	10/28/2015	0.029			<0.0038	J	U	<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.008	J	
		VMP-45-30-012516	1/25/2016	0.026	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0079	J		0.0037	J	
		VMP-45-30-042816	4/28/2016	0.012	J		0.0027	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0038	J	
		VMP-45-30-042816-DUP	4/28/2016	0.014	J		0.00077	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0037	J	
		VMP-45-30-072716	7/27/2016	0.044			0.0019	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.011	J	
		VMP-45-30-102816	10/28/2016	0.021	J		<0.0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.0048	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-020215	2/2/2015	0.0072	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-47-5-042815	4/28/2015	0.012	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-47-5-072115	7/21/2015	0.05			0.0015	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0071	J	
		VMP-47-5-102715	10/27/2015	<0.036	J	U	<0.0048	J	U	<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0024	J	
		VMP-47-5-012916	1/29/2016	0.015	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0029	J	
		VMP-47-5-042516	4/25/2016	<0.035	J	U	0.002	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-47-5-072516	7/25/2016	0.016	J		<0.0045	U		0.0085	J		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-47-5-102616	10/26/2016	0.031	J		0.0014	J		0.0018	J		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0062	J	
	10 ft	VMP-47-10-020215	2/2/2015	0.0046	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-47-10-042815	4/28/2015	0.011	J		<0.0048	U		0.0059	J		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.007	J	
		VMP-47-10-072115	7/21/2015	0.024	J		<0.005	U		0.017			<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0039	J	
		VMP-47-10-102715	10/27/2015	0.034			<0.0045	J	U	0.0029	J		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.012	J	
		VMP-47-10-012916	1/29/2016	0.0081	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0019	J	
		VMP-47-10-042516	4/25/2016	<0.035	J	U	<0.0048	U		0.011			<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-47-10-080216	8/2/2016	0.026	J		<0.0036	U		0.014			<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.0046	J	
		VMP-47-10-102616	10/26/2016	0.014	J		<0.0037	U		0.017			<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
	20 ft	VMP-47-20-020215	2/2/2015	0.012	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0017	J	
		VMP-47-20-042815	4/28/2015	0.012	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-47-20-072115	7/21/2015	0.03	J		0.028			0.0076	J		<0.016	U		<0.059	U		<0.0034	U		0.034			0.0065	J	
		VMP-47-20-102715	10/27/2015	0.019	J		<0.004	J	U	<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0064	J	
		VMP-47-20-012916	1/29/2016	0.014	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.014			0.0035	J	
		VMP-47-20-042516	4/25/2016	0.015	J		0.0013	J		0.0025	J		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-47-20-072516	7/25/2016	0.025	J		<0.0046	U		0.0052	J		<0.015	U		<0.056	U		<0.0032	U		0.0074	J		<0.017	U	
		VMP-47-20-102616	10/26/2016	0.012	J		<0.004	U		0.0018	J		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
	30 ft	VMP-47-30-020215	2/2/2015	0.011	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0042	J	
		VMP-47-30-020215-DUP	2/2/2015	0.014	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0049	J	
		VMP-47-30-042815	4/28/2015	0.017	J		<0.0038	U		0.002	J		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-47-30-042815-DUP	4/28/2015	0.026	J		<0.0046	U		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		<0.014	U		0.0098	J	
		VMP-47-30-072115	7/21/2015	0.047			0.0034	J		0.0058	J		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.012	J	
		VMP-47-30-102715	10/27/2015	0.026	J		<0.0036	J	U	<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.011	J	
		VMP-47-30-102715-DUP	10/27/2015	0.022	J		<0.0039	J	U	<0.0082	J	U	<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.01	J	
		VMP-47-30-012916-DUP	1/29/2016	0.011	J		0.002	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		0.0085	J		0.0022	J	
		VMP-47-30-042516	4/25/2016	0.044			0.0047			0.0055	J		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.01	J	
		VMP-47-30-042516-DUP	4/25/2016	0.039	J		0.0022	J		0.0054	J		<0.017	U		<0.065	U		<0.0037	U		<0.016	U		0.0092	J	
		VMP-47-30-072516	7/25/2016	<0.034	U		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-47-30-102616	10/26/2016	0.026	J		0.0016	J		0.006	J		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0092	J	
VMP-48	5 ft	VMP-48-5-020215	2/2/2015	0.025	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0042	J	
		VMP-48-5-042815	4/28/2015	0.02	J		0.0049			<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.03		
		VMP-48-5-072115	7/21/2015	0.014	J		<0.0048	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0023	J	
		VMP-48-5-102015	10/20/2015	0.018	J		0.0014	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0041	J	
		VMP-48-5-012916	1/29/2016	0.016	J		<0.005	U		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		0.0023	J	
		VMP-48-5-042516	4/25/2016	0.012	J		0.0014	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-48-5-072516	7/25/2016	0.028	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-48-5-102616	10/26/2016	0.02	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0047	J	
	10 ft	VMP-48-10-020215	2/2/2015	0.0065	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-48-10-042815	4/28/2015	0.016	J		0.0017	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.0039	J		0.021		
		VMP-48-10-042815-DUP	4/28/2015	0.047			0.002	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0029	J		0.022		
		VMP-48-10-072115	7/21/2015	0.014	J		0.002	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.0046	J		0.0026	J	
		VMP-48-10-102015	10/20/2015	<0.032	J	U	0.0015	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.0067	J		0.0033	J	
		VMP-48-10-012916	1/29/2016	0.013	J		0.00047	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-48-10-042516	4/25/2016	0.012	J		0.0036	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0049	J		<0.016	U	
		VMP-48-10-072516	7/25/2016	0.018	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-48-10-102616	10/26/2016	0.0069	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	20 ft	VMP-48-20-020215	2/2/2015	0.0077	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-48-20-042815	4/28/2015	0.021	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.002	J		0.0064	J	
		VMP-48-20-102015	10/20/2015	0.028	J		0.0025	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0068	J		0.0084	J	
		VMP-48-20-042516	4/25/2016	0.017	J		0.0012	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-48-20-102616	10/26/2016	0.023	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0064	J	
	30 ft	VMP-48-30-020215	2/2/2015	0.0073	J		0.00095	J		<0.0067	U		<0.01	U		<0.039	U		<0.0022	U		0.0094	J		0.0015	J	
		VMP-48-30-042815	4/28/2015	0.01	J		0.0032	J		0.0035	J		0.0067	J		<0.057	U		<0.0033	U		<0.014	U		0.0053	J	
		VMP-48-30-080315	8/3/2015	0.021	J		0.0047			<0.0098	U		<0.015	U		<0.057	U		<0.0032	U	UJ	<0.014	U	UJ	0.012	J	
		VMP-48-30-102015	10/20/2015	<0.032	J	U	0.0025	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.013			0.0042	J	
		VMP-48-30-102015-DUP	10/20/2015	0.018	J		0.0024	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.016			0.0064	J	
		VMP-48-30-012916	1/29/2016	0.025	J		0.00087	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0047	J	
		VMP-48-30-042516	4/25/2016	0.014	J		0.0045	J		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		0.022			<0.019	U	
		VMP-48-30-042516-DUP	4/25/2016	0.011	J		0.005			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.014			<0.016	U	
		VMP-48-30-072516	7/25/2016	0.061			0.0011	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.016		
		VMP-48-30-102616	10/26/2016	0.044			0.0028	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.015			0.0061	J	
		VMP-48-30-102616-Dup	10/26/2016	0.0056	J		0.00093	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-020215	2/3/2015	<0.033	U		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-49-5-042815	4/28/2015	0.0076	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0015	J	
		VMP-49-5-073015	7/30/2015	0.023	J		<0.0044	J	U	<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0081	J	
		VMP-49-5-110315	11/3/2015	0.017	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0053	J	
		VMP-49-5-020116	2/1/2016	<0.034	J	U	0.0011	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		0.0073	J		<0.017	U	
		VMP-49-5-042616	4/26/2016	0.03	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-49-5-080116	8/1/2016	0.035			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.025			0.0057	J	
		VMP-49-5-102716	10/27/2016	0.01	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
	10 ft	VMP-49-10-020215	2/3/2015	0.0064	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-49-10-042815	4/28/2015	0.016	J		<0.0059	U		<0.012	U		<0.019	U		<0.072	U		<0.0041	U		<0.018	U		0.0056	J	
		VMP-49-10-073015	7/30/2015	0.042			<0.0048	J	U	<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0088	J	
		VMP-49-10-110315	11/3/2015	0.024	J		<0.0046	U		<0.0097	U		<0.015	U		0.0036	J		<0.0032	U		0.0084	J		0.0069	J	
		VMP-49-10-020116	2/1/2016	<0.034	J	U	<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0061	J		<0.017	U	
		VMP-49-10-042616	4/26/2016	0.026	J		0.0025	J		<0.011	U		<0.017	U		<0.062	U		<0.0036	U		<0.015	U		<0.019	U	
		VMP-49-10-080116	8/1/2016	0.016	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-49-10-102716	10/27/2016	0.02	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		0.0072	J		<0.016	U	
	20 ft	VMP-49-20-020215	2/3/2015	0.0067	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-49-20-073015	7/30/2015	0.016	J		0.0015	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0034	J	
		VMP-49-20-110315	11/3/2015	0.014	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.012			0.0062	J	
		VMP-49-20-020116	2/1/2016	<0.031	J	U	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-49-20-042616	4/26/2016	0.0077	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-49-20-080116	8/1/2016	0.023	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-49-20-102716	10/27/2016	0.03	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.01	J	
	30 ft	VMP-49-30-020215	2/3/2015	0.0093	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-49-30-042815	4/28/2015	0.02	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-49-30-073015	7/30/2015	<1.8	U		0.17	J		<1.2	U		<1.9	U		<0.73	U		<0.41	U		470			<2.2	U	
		VMP-49-30-073015-DUP	7/30/2015	<1.7	U		0.23	J		<1.2	U		<1.9	U		<0.71	U		<0.4	U		470			<2.1	U	
		VMP-49-30-110315	11/3/2015	0.011	J		0.0012	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0094	J		0.0037	J	
		VMP-49-30-110315-DUP	11/3/2015	0.016	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0055	J	
		VMP-49-30-020116	2/1/2016	0.015	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-49-30-020116-DUP	2/1/2016	<0.031	J	U	0.0012	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-49-30-042716	4/27/2016	0.011	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.0096	J		<0.016	U	
		VMP-49-30-042716-DUP	4/27/2016	0.027	J		0.001	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.011	J		0.0076	J	
		VMP-49-30-080116	8/1/2016	0.031	J		0.0053			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0056	J		0.0056	J	
		VMP-49-30-080116-DUP	8/1/2016	0.046			<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.05			0.009	J	
		VMP-49-30-102716	10/27/2016	0.02	J		<0.0047	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0077	J	
VMP-50	5 ft	VMP-50-5-021015	2/10/2015	0.029	J		0.024			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-50-5-050515	5/5/2015	0.014	J		0.032			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0028	J	
		VMP-50-5-073015	7/30/2015	0.031	J		<0.0046	J	U	<0.0096	U		<0.015	U		<0.056	U		<0.0032	U	UJ	0.018		J	0.0058	J	
		VMP-50-5-110315	11/3/2015	0.015	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		0.011			0.0075	J	
		VMP-50-5-020216	2/2/2016	0.023	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0062	J	
		VMP-50-5-050316	5/3/2016	0.0089	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-50-5-080216	8/2/2016	0.051			0.0016	J		<0.012	U		<0.019	U		<0.07	U		<0.004	U		0.01	J		0.0081	J	
		VMP-50-5-103116	10/31/2016	0.018	J		0.0011	J		<0.015	U		<0.024	U		<0.088	U		<0.005	U		<0.022	U		<0.027	U	
	10 ft	VMP-50-10-021015	2/10/2015	0.006	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-50-10-050515	5/5/2015	0.0091	J		0.033			0.0033	J		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-50-10-073015	7/30/2015	0.022	J		<0.0048	J	U	0.0063	J		<0.016	U		<0.058	U		<0.0033	U	UJ	<0.014	U	UJ	0.0057	J	
		VMP-50-10-110315	11/3/2015	0.014	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0029	J	
		VMP-50-10-020216	2/2/2016	0.012	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0025	J	
		VMP-50-10-050316	5/3/2016	0.017	J		<0.004	U		0.0048	J		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0034	J	
		VMP-50-10-082616	8/26/2016	0.021	J		<0.0041	U		0.021			<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0052	J	
		VMP-50-10-103116	10/31/2016	<0.031	U		<0.0042	U		0.024			<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
	20 ft	VMP-50-20-021015	2/10/2015	0.011	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0026	J	
		VMP-50-20-050515	5/5/2015	0.0063	J		0.00068	J		0.0022	J		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-50-20-073015	7/30/2015	0.022	J		0.004	J		0.0032	J		<0.014	U		<0.054	U		<0.0031	U	UJ	<0.013	U	UJ	0.0088	J	
		VMP-50-20-110315	11/3/2015	0.02	J		0.14			0.0023	J		<0.014	U		<0.054	U		<0.003	U		0.0075	J		0.014	J	
		VMP-50-20-020216	2/2/2016	0.014	J		<0.0053	U		<0.011	U		<0.017	U		<0.065	U		<0.0037	U		<0.016	U		<0.02	U	
		VMP-50-20-050316	5/3/2016	0.0055	J		<0.0051	U		0.0015	J		<0.017	U		<0.062	U		<0.0036	U		<0.015	U		<0.019	U	
		VMP-50-20-082616	8/26/2016	0.024	J		0.00053	J		0.003	J		<0.014	U		<0.053	U		<0.003	U		0.012	J		0.0038	J	
		VMP-50-20-103116	10/31/2016	0.0066	J		<0.0045	U		0.0054	J		<0.014	U		<0.055	U		<0.0031	U		0.014			<0.017	U	
	30 ft	VMP-50-30-021015	2/10/2015	2.3	J		7.7			<2.1	U		<3.2	U		<12	U		<0.69	U		58			<3.7	U	
		VMP-50-30-050515	5/5/2015	<2.8	U		4			<2	U		<3	U		<1.1	U		<0.65	U		28			<3.5	U	
		VMP-50-30-061515-R	6/15/2015	<1.3	U		3.6			<0.92	U		<1.4	U		<0.53	U		<0.3	U		24			<1.6	U	
		VMP-50-30-073015	7/30/2015	<1.9	U		2.2			<1.3	U		<2	U		<0.76	U		<0.44	U		14			<2.3	U	
		VMP-50-30-110315	11/3/2015	0.084	J		1			<0.09	U		<0.14	U		0.028	J	J	<0.03	U		15			<0.16	U	
		VMP-50-30-020216	2/2/2016	<3.9	U		0.81	J		<2.7	U		<4.2	U		<1.6	U	UJ	<0.9	U		15	J0	J	<4.8	U	
		VMP-50-30-020216-DUP	2/2/2016	<4.4	U		0.85	J		<3.1	U		<4.7	U		<1.8	U	UJ	<1	U		16	J0	J	<5.4	U	
		VMP-50-30-050316	5/3/2016	<0.46	U		0.35			<0.32	U		<0.5	U		<0.19	U		<0.1	U		6.2			<0.56	U	
		VMP-50-30-080216	8/2/2016	0.09	J		0.42			<0.095	U		<0.15	U		<0.22	U		<0.031	U		16			<0.17	U	
		VMP-50-30-103116	10/31/2016	0.074	J		0.21			<0.19	U		<0.29	U		<0.44	U		<0.062	U		26			<0.33	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020315	2/3/2015	<0.031	U		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-51-5-042915	4/29/2015	0.0077	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0071	J	
		VMP-51-5-072115	7/21/2015	0.039			<0.0042	J	U	<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.0075	J	
		VMP-51-5-102815	10/28/2015	0.086			0.0022	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.013	J	
		VMP-51-5-012516	1/25/2016	0.0094	J		0.0013	J		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		0.0032	J		0.0024	J	
		VMP-51-5-042816	4/28/2016	0.0089	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		<0.017	U	
		VMP-51-5-072716	7/27/2016	0.025	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.004	J	
		VMP-51-5-101916	10/19/2016	0.0062	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
	10 ft	VMP-51-10-020315	2/3/2015	<0.029	U		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
		VMP-51-10-042915	4/29/2015	0.0075	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-51-10-072115	7/21/2015	0.0096	J		<0.0048	J	U	<0.01	U		<0.016	U		<0.059	U		<0.0033	U		<0.014	U		0.0039	J	
		VMP-51-10-102815	10/28/2015	<0.032	J	U	<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0055	J		<0.016	U	
		VMP-51-10-012516	1/25/2016	0.013	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0027	J		0.004	J	
		VMP-51-10-042816	4/28/2016	0.0072	J		0.0019	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-51-10-042816-DUP	4/28/2016	0.018	J		0.0015	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		0.011	J	
		VMP-51-10-072716	7/27/2016	0.014	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0033	J	
		VMP-51-10-101916	10/19/2016	0.011	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
	20 ft	VMP-51-20-020315	2/3/2015	<0.03	U		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-51-20-042915	4/29/2015	0.024	J		0.002	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.009	J	
		VMP-51-20-072115	7/21/2015	0.015	J		0.002	J		<0.012	U		<0.018	U		<0.069	U		<0.0039	U		0.21			0.0032	J	
		VMP-51-20-102815	10/28/2015	0.029	J		0.00063	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0086	J	
		VMP-51-20-012516	1/25/2016	0.0083	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0034	J		0.0013	J	
		VMP-51-20-042816	4/28/2016	0.0091	J		0.0036	J		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		<0.018	U	
		VMP-51-20-052516-R	5/25/2016	0.016	J		0.0038	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		0.0054	J		0.0041	J	
		VMP-51-20-072716	7/27/2016	0.021	J		<0.0051	U		<0.011	U		<0.017	U		<0.062	U		<0.0036	U		<0.015	U		<0.019	U	
		VMP-51-20-101916-Dup	10/19/2016	0.025	J		0.002	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.005	J		0.0037	J	
		VMP-51-20-101916	10/19/2016	0.0082	J		0.002	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	30 ft	VMP-51-30-020315	2/3/2015	0.0099	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-51-30-020315-DUP	2/3/2015	0.011	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-51-30-042915	4/29/2015	0.0058	J		0.0014	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-51-30-042915-DUP	4/29/2015	0.012	J		0.002	J		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-51-30-072115	7/21/2015	0.018	J		<0.0041	J	U	<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0041	J	
		VMP-51-30-102815	10/28/2015	<0.037	J	U	<0.005	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0034	J	
		VMP-51-30-012516	1/25/2016	0.013	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0026	J	
		VMP-51-30-012516-DUP	1/25/2016	0.027	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		0.0025	J		0.005	J	
		VMP-51-30-042816	4/28/2016	0.019	J		0.0078			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0041	J	
		VMP-51-30-072716	7/27/2016	0.01	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-51-30-072716-DUP	7/27/2016	0.0086	J		0.0007	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-51-30-101916	10/19/2016	0.058			0.0016	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0086	J		0.0045	J	
VMP-52	5 ft	VMP-52-5-020415	2/4/2015	0.0053	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0018	J	
		VMP-52-5-042915	4/29/2015	0.0078	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-52-5-072715	7/27/2015	0.024	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0076	J	
		VMP-52-5-102915	10/29/2015	0.03	J		<0.0044	J	U	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0059	J	
		VMP-52-5-012516	1/25/2016	0.014	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		0.0038	J		0.0035	J	
		VMP-52-5-042516	4/25/2016	0.056			0.0014	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0023	J		0.011	J	
		VMP-52-5-072716	7/27/2016	0.014	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-52-5-102716	10/27/2016	0.022	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0067	J	
	10 ft	VMP-52-10-020415	2/4/2015	0.0045	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-52-10-042915	4/29/2015	<0.039	U		<0.0052	U		<0.011	U		<0.017	U		<0.064	U		<0.0036	U		<0.016	U		<0.019	U	
		VMP-52-10-072715	7/27/2015	0.014	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.002	J	
		VMP-52-10-102915	10/29/2015	0.024	J		<0.0048	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0059	J	
		VMP-52-10-012516	1/25/2016	0.014	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-52-10-042516	4/25/2016	0.02	J		<0.005	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0046	J	
		VMP-52-10-072716	7/27/2016	0.046			<0.005	U		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		0.0084	J	
		VMP-52-10-102716	10/27/2016	0.0078	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
	20 ft	VMP-52-20-020415	2/4/2015	0.004	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-52-20-042915	4/29/2015	0.0064	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-52-20-072715	7/27/2015	0.02	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.0048	J	
		VMP-52-20-102915	10/29/2015	0.023	J		<0.0042	J	U	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0056	J	
		VMP-52-20-012516	1/25/2016	0.01	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-52-20-042516	4/25/2016	0.018	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0044	J	
		VMP-52-20-072716	7/27/2016	0.0066	J		0.0013	J		<0.011	U		<0.017	U		<0.064	U		<0.0036	U		<0.016	U		<0.019	U	
		VMP-52-20-102716	10/27/2016	0.0095	J		0.0009	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.0067	J		<0.015	U	
	30 ft	VMP-52-30-020415	2/4/2015	0.0092	J		0.0013	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.011	J		0.0024	J	
		VMP-52-30-020415-DUP	2/4/2015	0.0059	J		0.0012	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		0.014			<0.016	U	
		VMP-52-30-042915	4/29/2015	0.0049	J		0.00088	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.009	J		<0.014	U	
		VMP-52-30-072715	7/27/2015	0.012	J		0.002	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.0095	J		0.0026	J	
		VMP-52-30-102915	10/29/2015	0.022	J		<0.004	J	U	<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.02			0.005	J	
		VMP-52-30-020216-R	2/2/2016	0.026	J		0.001	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.014			0.0079	J	
		VMP-52-30-042516	4/25/2016	0.011	J		0.0011	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-52-30-072716	7/27/2016	0.008	J		<0.0053	U		<0.011	U		<0.017	U		<0.064	U		<0.0036	U		<0.016	U		<0.019	U	
		VMP-52-30-102716	10/27/2016	0.019	J		0.0012	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0065	J	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	5 ft	VMP-53-5-020415	2/4/2015	0.0055	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-53-5-050415	5/4/2015	0.0096	J		0.0009	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0026	J	
		VMP-53-5-072415	7/24/2015	0.016	J		<0.0049	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0041	J	
		VMP-53-5-102815	10/28/2015	0.028	J		0.0021	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0051	J	
		VMP-53-5-012816	1/28/2016	0.019	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-53-5-042816	4/28/2016	0.045			0.00084	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.011	J	
		VMP-53-5-072916	7/29/2016	0.02	J		<0.005	U		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		0.006	J	
		VMP-53-5-102516	10/25/2016	0.013	J		<0.0044	J	U	<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	J	U
		VMP-53-5-120916	12/9/2016	0.0066	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	10 ft	VMP-53-10-020415	2/4/2015	0.0037	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-53-10-050415	5/4/2015	0.0098	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0039	J	
		VMP-53-10-072415	7/24/2015	0.019	J		0.019			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.015			0.0031	J	
		VMP-53-10-102815	10/28/2015	0.03	J		0.0012	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0096	J	
		VMP-53-10-012816	1/28/2016	0.014	J		<0.005	U		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		0.0072	J		0.0059	J	
		VMP-53-10-042816	4/28/2016	<0.034	J	U	0.0021	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-53-10-082616	8/26/2016	0.029	J		<0.004	U		<0.0084	J	U	<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0044	J	
		VMP-53-10-102516	10/25/2016	0.013	J		<0.0044	J	U	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0043	J		<0.016	J	U
		VMP-53-10-120916	12/9/2016	0.0081	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.003	J	
	20 ft	VMP-53-20-020415	2/4/2015	0.011	J		<0.0089	U		<0.019	U		<0.029	U		<0.11	U		<0.0062	U		<0.026	U		<0.033	U	
		VMP-53-20-050415	5/4/2015	0.01	J		0.00074	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-53-20-072415	7/24/2015	0.015	J		<0.0049	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0028	J	
		VMP-53-20-102815	10/28/2015	0.025	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.007	J	
		VMP-53-20-021616	2/16/2016	0.023	J		<0.0051	U		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		0.0071	J		0.0054	J	
		VMP-53-20-042816	4/28/2016	0.01	J		0.00053	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-53-20-072916	7/29/2016	0.026	J		0.0032	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-53-20-102516	10/25/2016	0.018	J		0.0014	J		<0.016	U		<0.024	U		<0.091	U		<0.0052	U		0.016	J		<0.028	U	
		VMP-53-20-120916	12/9/2016	0.0072	J		0.0018	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	30 ft	VMP-53-30-020415	2/4/2015	0.0028	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-53-30-050415	5/4/2015	0.0078	J		<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-53-30-072415	7/24/2015	0.027	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.0048	J	
		VMP-53-30-102815	10/28/2015	0.03	J		0.001	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.017	J	
		VMP-53-30-012816	1/28/2016	0.014	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0025	J	
		VMP-53-30-042816	4/28/2016	0.0082	J		0.00092	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-53-30-052516-R	5/25/2016	0.013	J		0.00052	J		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.0031	J	
		VMP-53-30-072916	7/29/2016	0.085			0.0066			<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.0046	J		0.005	J	
		VMP-53-30-102516	10/25/2016	0.17			<0.008	U		<0.017	U		<0.026	U		<0.097	U		<0.0055	U		<0.024	U		<0.03	U	
		VMP-53-30-120916	12/9/2016	0.0051	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.0089	J		<0.017	U	
VMP-54	5 ft	VMP-54-5-020515	2/5/2015	0.006	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-54-5-050415	5/4/2015	0.014	J		0.002	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0024	J	
		VMP-54-5-072415	7/24/2015	0.028	J		0.0019	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.005	J	
		VMP-54-5-102715	10/27/2015	0.024	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0047	J	
		VMP-54-5-012816	1/28/2016	0.026	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0036	J	
		VMP-54-5-042916	4/29/2016	0.012	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0033	J	
		VMP-54-5-080116	8/1/2016	0.027	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0061	J	
		VMP-54-5-102816	10/28/2016	0.053			0.0009	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0085	J	
	10 ft	VMP-54-10-020515	2/5/2015	<0.034	U		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-54-10-050415	5/4/2015	0.011	J		<0.0047	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-54-10-072415	7/24/2015	0.058			0.0016	J		<0.011	U		<0.017	U		<0.064	U		<0.0036	U		<0.016	U		0.0085	J	
		VMP-54-10-102715	10/27/2015	<0.03	J	U	<0.004	J	U	<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0025	J	
		VMP-54-10-012816	1/28/2016	0.018	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		0.0052	J		0.0033	J	
		VMP-54-10-042916	4/29/2016	<0.034	J	U	0.002	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-54-10-080116	8/1/2016	0.018	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-54-10-102816	10/28/2016	0.016	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0048	J	
	20 ft	VMP-54-20-020515	2/5/2015	0.0085	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-54-20-050415	5/4/2015	0.0086	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		<0.017	U	
		VMP-54-20-072415	7/24/2015	0.018	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0027	J	
		VMP-54-20-102715	10/27/2015	0.024	J		<0.0037	J	U	<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0044	J	
		VMP-54-20-102715-DUP	10/27/2015	<0.028	J	U	<0.0037	J	U	<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0041	J	
		VMP-54-20-012816	1/28/2016	0.011	J		<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0023	J	
		VMP-54-20-050516	5/5/2016	<0.031	J	U	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-54-20-050516-DUP	5/5/2016	<0.033	J	U	<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-54-20-080116	8/1/2016	0.016	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-54-20-102816	10/28/2016	0.013	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
	30 ft	VMP-54-30-021215	2/12/2015	0.0066	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-54-30-050415	5/4/2015	0.019	J		0.0015	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0044	J		0.0059	J	
		VMP-54-30-080315	8/3/2015	0.029	J		0.0021	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U	UJ	<0.015	U	UJ	0.0089	J	
		VMP-54-30-102715	10/27/2015	<0.028	J	U	0.0037	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.0054	J		0.003	J	
		VMP-54-30-012816	1/28/2016	0.015	J		0.0016	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0083	J		0.0034	J	
		VMP-54-30-042916	4/29/2016	<0.031	J	U	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-54-30-042916-DUP	4/29/2016	0.0096	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-54-30-080116	8/1/2016	0.076			0.0011	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.013	J	
		VMP-54-30-102816	10/28/2016	0.018	J		<0.0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-020515	2/5/2015	<0.031	U		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-55-5-050615	5/6/2015	0.0027	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-55-5-110215	11/2/2015	0.028	J		0.14			<0.063	U		<0.097	U		<0.36	U		<0.021	U		0.11			<0.11	U	
		VMP-55-5-020416	2/4/2016	<0.12	U		<0.042	U		<0.088	U		<0.14	U		<0.051	U	UJ	<0.029	U		<0.12	ND,UJ	UJ	<0.16	U	
		VMP-55-5-082616	8/26/2016	0.028	J		0.002	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		0.0068	J	
	20 ft	VMP-55-20-020515	2/5/2015	1.1	J		0.22	J		<0.86	U		<1.3	U		<5	U		<0.28	U		0.9	J		<1.5	U	
		VMP-55-20-050615	5/6/2015	2.5	J		<2.7	U		<5.7	U		<8.7	U		<33	U		<1.9	U		5.8	J		<10	U	
		VMP-55-20-072915	7/29/2015	0.043	J		0.016	J		<0.091	U		<0.14	U		<0.53	U		<0.03	U		0.42			<0.16	U	
		VMP-55-20-072915-DUP	7/29/2015	0.037	J		0.018	J		<0.097	U		<0.15	U		<0.56	U		<0.032	U		0.4			<0.17	U	
		VMP-55-20-110215	11/2/2015	<3.8	U		<1.3	U		<2.7	U		<4.1	U		<1.6	U		<0.88	U		310			<4.7	U	
		VMP-55-20-020416	2/4/2016	<1.2	U		<0.42	U		<0.89	U		<1.4	U		<0.51	U		<0.29	U		51	J0	J	<1.6	U	
		VMP-55-20-020416-DUP	2/4/2016	<1.1	U		<0.38	U		<0.8	U		<1.2	U		<0.46	U		<0.26	U		55	J0	J	<1.4	U	
		VMP-55-20-050416	5/4/2016	<1.7	U		<0.58	U		<1.2	U		<1.9	U		<0.71	U		<0.4	U		320		J	<2.1	U	
		VMP-55-20-080316	8/3/2016	<0.88	U		<0.3	U		<0.62	U		<0.96	U		<1.4	U		<0.2	U		140		J	<1.1	U	
		VMP-55-20-110116	11/1/2016	1.4	J		0.28	J		<0.92	U		<1.4	U		<5.4	U		<0.3	U		36			<1.6	U	
	30 ft	VMP-55-30-030915	3/9/2015	<3.3	U		<1.1	U		<2.3	U		<3.6	U		<1.3	U		<0.76	U		550			<4.1	U	
		VMP-55-30-050615	5/6/2015	2.8	J		<3.8	U		<7.9	U		<12	U		<46	U		<2.6	U		70			<14	U	
		VMP-55-30-050615-DUP	5/6/2015	3.3	J		<3.8	U		<7.9	U		<12	U		<46	U		<2.6	U		72			<14	U	
		VMP-55-30-061515-Dup-R	6/15/2015	<0.15	U		0.049	J		<0.1	U		<0.16	U		<0.061	U		<0.035	U		25			<0.18	U	
		VMP-55-30-061515-R	6/15/2015	<0.12	U		0.053			<0.085	U		<0.13	U		<0.05	U		<0.028	U		27			<0.15	U	
VMP-56	10 ft	VMP-56-10-021015	2/10/2015	0.0077	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-56-10-110315	11/3/2015	0.019	J		0.0011	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0087	J	
		VMP-56-10-020416	2/4/2016	0.015	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0021	J	
		VMP-56-10-050516	5/5/2016	0.052			0.018			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0036	J		0.016	J	
		VMP-56-10-072716	7/27/2016	0.023	J		0.00082	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0028	J	
		VMP-56-10-102416	10/24/2016	0.012	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0037	J	
	25 ft	VMP-56-25-021015	2/10/2015	0.0074	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-56-25-050715	5/7/2015	0.018	J		0.002	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.02		
		VMP-56-25-073115	7/31/2015	0.017	J		<0.0047	J	U	<0.01	U		<0.015	U		<0.058	U		<0.0033	U	UJ	0.0087	J	J	0.0092	J	
		VMP-56-25-110315	11/3/2015	0.034			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.025			0.011	J	
		VMP-56-25-020416	2/4/2016	<0.03	J	U	0.00067	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-56-25-050516	5/5/2016	<0.035	J	U	<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0031	J	
		VMP-56-25-050516-DUP	5/5/2016	0.021	J		<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0084	J	
		VMP-56-25-072716	7/27/2016	0.067			0.0022	J		<0.011	U		<0.017	U		<0.064	U		<0.0036	U		0.016			0.0097	J	
		VMP-56-25-102416	10/24/2016	0.022	J		0.0015	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0057	J		0.0048	J	
	38.5 ft	VMP-56-38.5-021015	2/10/2015	<13	U		1000			<8.9	U		<14	U		<5.2	U		<3	U		3500			<16	U	
		VMP-56-38.5-050715	5/7/2015	<140	U		1400			<100	U		<160	U		<59	U		<34	U		14000			<180	U	
		VMP-56-38.5-061515-R	6/15/2015	5.5	J		970			<9.9	U		<15	U		<5.7	U		<3.3	U		5600	E	J	<17	U	
		VMP-56-38.5-073115	7/31/2015	<12	U		670			<8.6	U		<13	U		<5	U		<2.8	U		5700			<15	U	
		VMP-56-38.5-073115-DUP	7/31/2015	<45	U		720			<32	U		<49	U		<18	U		<10	U		5700			<56	U	
		VMP-56-38.5-110315	11/3/2015	<14	U		590			<10	U		<16	U		<5.9	U	UJ	<3.4	U		6600			<18	U	
		VMP-56-38.5-110315-DUP	11/3/2015	<100	U		530			<74	U		<110	U		<43	U	UJ	<24	U		6400			<130	U	
		VMP-56-38.5-020416	2/4/2016	<80	U		470			<57	U		<87	U		<33	U		<19	U		10000	J0	J	<100	U	
VMP-62	5 ft	VMP-62-5-020315	2/3/2015	0.0064	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-62-5-042815	4/28/2015	0.024	J		0.0012	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0099	J	
		VMP-62-5-072415	7/24/2015	0.031	J		0.0016	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0073	J	
		VMP-62-5-102015	10/20/2015	<0.026	J	U	0.0012	J		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0034	J	
		VMP-62-5-012816	1/28/2016	<0.031	J	U	<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-62-5-042516	4/25/2016	0.012	J		0.0023	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-62-5-072616	7/26/2016	0.019	J		<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-62-5-102416	10/24/2016	0.013	J		0.00068	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.0074	J		0.0061	J	
	10 ft	VMP-62-10-020315	2/3/2015	0.0063	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-62-10-042815	4/28/2015	0.0079	J		0.00099	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-62-10-072415	7/24/2015	0.039			<0.0043	U		0.0062	J		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0051	J	
		VMP-62-10-102015	10/20/2015	<0.033	J	U	0.0012	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0049	J		0.0031	J	
		VMP-62-10-012816	1/28/2016	0.025	J		0.00054	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0046	J	
		VMP-62-10-042516	4/25/2016	0.016	J		0.0013	J		0.0022	J		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-62-10-072616	7/26/2016	0.0075	J		<0.005	U		0.0062	J		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		<0.018	U	
		VMP-62-10-102416	10/24/2016	0.023	J		0.00058	J		0.0043	J		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.01	J	
	20 ft	VMP-62-20-020315	2/3/2015	<0.035	U		<0.0047	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-62-20-042815	4/28/2015	0.011	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.0042	J	
		VMP-62-20-072415	7/24/2015	0.02	J		0.0012	J		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.0048	J	
		VMP-62-20-102015	10/20/2015	<0.03	J	U	0.0012	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0034	J		0.0063	J	
		VMP-62-20-012816	1/28/2016	0.011	J		<0.0047	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-62-20-042516	4/25/2016	0.01	J		0.0016	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-62-20-072616	7/26/2016	0.036			<0.0041	U		0.013			<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-62-20-102416	10/24/2016	0.018	J		0.0014	J		0.0037	J		<0.012	U		<0.045	U		<0.0026	U		0.018			0.0055	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	30 ft	VMP-62-30-020315	2/3/2015	0.0082	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-62-30-042815	4/28/2015	0.0059	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0066	J	
		VMP-62-30-072415	7/24/2015	0.03	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0054	J	
		VMP-62-30-102015	10/20/2015	<0.031	J	U	0.0011	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.007	J		0.0052	J	
		VMP-62-30-012816	1/28/2016	0.014	J		0.001	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.0061	J		<0.017	U	
		VMP-62-30-012816-DUP	1/28/2016	0.012	J		0.00087	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.0048	J		0.0019	J	
		VMP-62-30-042516	4/25/2016	0.016	J		0.0015	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-62-30-072616	7/26/2016	0.018	J		<0.0047	U		0.003	J		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-62-30-072616-DUP	7/26/2016	0.016	J		<0.0047	U		0.0027	J		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-62-30-102416	10/24/2016	0.0084	J		0.00089	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-62-30-102416-Dup	10/24/2016	0.014	J		0.00064	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0064	J	
VMP-63	5 ft	VMP-63-5-020315	2/3/2015	0.0078	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-63-5-042815	4/28/2015	0.026	J		0.0031	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.019		
		VMP-63-5-072415	7/24/2015	0.023	J		<0.0045	J	U	<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.01	J	
		VMP-63-5-102615	10/26/2015	<0.031	J	U	<0.0042	J	U	<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		0.016			0.013	J	
		VMP-63-5-012816	1/28/2016	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0027	J	
		VMP-63-5-042616	4/26/2016	0.011	J		0.0084			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.024			<0.017	U	
		VMP-63-5-072516	7/25/2016	0.036			<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0053	J		0.0071	J	
		VMP-63-5-102416	10/24/2016	0.029	J		0.00077	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0079	J	
	10 ft	VMP-63-10-020315	2/3/2015	0.0058	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-63-10-042815	4/28/2015	0.0092	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-63-10-072415	7/24/2015	0.035			<0.0042	J	U	<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		0.0063	J		0.012	J	
		VMP-63-10-102615	10/26/2015	0.032	J		<0.0044	J	U	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.02		
		VMP-63-10-012816	1/28/2016	0.011	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		0.0055	J		<0.017	U	
		VMP-63-10-042616	4/26/2016	0.0089	J		0.00096	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-63-10-072516	7/25/2016	0.039			<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0064	J	
		VMP-63-10-102416	10/24/2016	0.01	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
	20 ft	VMP-63-20-020315	2/3/2015	0.0066	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-63-20-020315-DUP	2/3/2015	0.0066	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-63-20-042815	4/28/2015	0.028	J		0.0072			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.037		
		VMP-63-20-072415	7/24/2015	0.035			0.0041			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.019		
		VMP-63-20-102615	10/26/2015	0.062			<0.0039	J	U	<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.047		
		VMP-63-20-012816	1/28/2016	0.012	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0028	J	
		VMP-63-20-042616	4/26/2016	0.043			0.0018	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		0.013	J		0.0091	J	
		VMP-63-20-042616-DUP	4/26/2016	0.032	J		0.0012	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0061	J	
		VMP-63-20-072516	7/25/2016	0.026	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-63-20-102416	10/24/2016	0.015	J		0.0011	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		0.0044	J	
	30 ft	VMP-63-30-020315	2/3/2015	0.0067	J		0.00076	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0085	J		<0.015	U	
		VMP-63-30-042815	4/28/2015	0.013	J		0.004	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.0091	J		0.01	J	
		VMP-63-30-072415	7/24/2015	0.034			0.0025	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.014	J	
		VMP-63-30-102615	10/26/2015	0.024	J		<0.0036	J	U	<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.011			0.014		
		VMP-63-30-102615-DUP	10/26/2015	0.03	J		<0.0042	J	U	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0087	J		0.012	J	
		VMP-63-30-012816	1/28/2016	<0.031	J	U	<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.011	J		0.0024	J	
		VMP-63-30-042616	4/26/2016	0.0065	J		0.0016	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0045	J		<0.015	U	
		VMP-63-30-072516	7/25/2016	0.014	J		<0.0049	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		0.0062	J		<0.018	U	
		VMP-63-30-072516-DUP	7/25/2016	0.011	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.0089	J		<0.016	U	
		VMP-63-30-102416	10/24/2016	0.038			0.00092	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0085	J		0.0071	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-020315	2/3/2015	<0.031	U		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-64-5-042815	4/28/2015	0.007	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0037	J	
		VMP-64-5-072415	7/24/2015	0.021	J		<0.0045	J	U	<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.015			0.0076	J	
		VMP-64-5-102615	10/26/2015	0.013	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0051	J	
		VMP-64-5-012816	1/28/2016	0.017	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		0.0031	J	
		VMP-64-5-042616	4/26/2016	0.012	J		<0.0051	U		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		<0.019	U	
		VMP-64-5-080216	8/2/2016	0.054			0.003	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U	J	0.18		J	0.0079	J	
		VMP-64-5-080216-DUP	8/2/2016	0.047			0.0018	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U	J	0.049		J	0.0067	J	
		VMP-64-5-102416	10/24/2016	0.0078	J		0.00058	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
	10 ft	VMP-64-10-020315	2/3/2015	0.0091	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-64-10-042815	4/28/2015	0.037			<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.0028	J		0.0066	J	
		VMP-64-10-072415	7/24/2015	0.017	J		0.0016	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0082	J	
		VMP-64-10-102615	10/26/2015	0.014	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0044	J	
		VMP-64-10-012816	1/28/2016	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0026	J	
		VMP-64-10-042616	4/26/2016	0.0058	J		0.0017	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-64-10-072216	7/22/2016	0.024	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.006	J		0.0042	J	
		VMP-64-10-102416	10/24/2016	0.0077	J		0.00059	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
	20 ft	VMP-64-20-020315	2/3/2015	0.019	J		0.00082	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.008	J		<0.016	U	
		VMP-64-20-042815	4/28/2015	0.028	J		0.0012	J		<0.0099	U		<0.015	U		0.0025	J		<0.0033	U		<0.014	U		0.01	J	
		VMP-64-20-072415	7/24/2015	0.043			<0.0044	J	U	<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.011	J	
		VMP-64-20-102615	10/26/2015	0.01	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-64-20-012816	1/28/2016	0.016	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0056	J		0.0046	J	
		VMP-64-20-042616	4/26/2016	0.0047	J		0.0028	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-64-20-042616-DUP	4/26/2016	0.011	J		0.0026	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-64-20-072216	7/22/2016	0.014	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-64-20-072216-DUP	7/22/2016	0.032	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		0.0054	J	
		VMP-64-20-102416	10/24/2016	0.016	J		0.00083	J		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0.011	U		0.009	J	
		VMP-64-20-102416-Dup	10/24/2016	0.0062	J		0.00082	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11									
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-020915	2/9/2015	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-1-5-050515	5/5/2015	0.0019	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-1-5-073015	7/30/2015	<0.017	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0029	J		<0.028	U		<0.0069	U	
		VMP-1-5-110315	11/3/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0084			<0.029	U		<0.0072	U	
		VMP-1-5-020316	2/3/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0018	J		<0.027	U		<0.0068	U	
		VMP-1-5-050316	5/3/2016	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		0.0017	J		<0.027	U	UJ	<0.0068	U	
		VMP-1-5-072516	7/25/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0068			<0.028	U		<0.0071	U	
		VMP-1-5-102816	10/28/2016	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0057	J		<0.025	U		<0.0062	U	
	8.5 ft	VMP-1-8-020915	2/9/2015	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-1-8.5-050515	5/5/2015	0.058			<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-1-8.5-073015	7/30/2015	0.011	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0013	J		<0.028	U		<0.0071	U	
		VMP-1-8.5-110315	11/3/2015	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0093			<0.025	U		<0.0063	U	
		VMP-1-8.5-020316	2/3/2016	0.0019	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-1-8.5-050316	5/3/2016	0.0012	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	UJ	<0.0073	U	
		VMP-1-8.5-072516	7/25/2016	0.075			<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.0014	J		<0.025	U		<0.0064	U	
		VMP-1-8.5-102816	10/28/2016	0.0059	J		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		0.0014	J		<0.023	U		<0.0057	U	
	23.5 ft	VMP-1-23.5-020915	2/9/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-1-23.5-050515	5/5/2015	0.0013	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-1-23.5-073015	7/30/2015	<0.019	J	U	<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.001	J		0.0095	J		<0.0079	U	
		VMP-1-23.5-110315	11/3/2015	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0051	J		<0.026	U		<0.0066	U	
		VMP-1-23.5-020316	2/3/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-1-23.5-050316	5/3/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	UJ	<0.0074	U	
		VMP-1-23.5-050316-DUP	5/3/2016	0.00068	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U	UJ	<0.0072	U	
		VMP-1-23.5-072516	7/25/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-1-23.5-072516-DUP	7/25/2016	0.0077	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP1-23.5-102816	10/28/2016	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0026	J		<0.025	U		<0.0063	U	
	38.5 ft	VMP-1-38.5-020915	2/9/2015	<1.6	U		0.27	J		<0.61	U		<1.1	U		<1.4	U		0.34	J		<2.7	U		<0.68	U	
		VMP-1-38.5-020915-DUP	2/9/2015	<1.6	U		<0.8	U		<0.58	U		<1.1	U		<1.3	U		<0.62	U		<2.6	U		<0.66	U	
		VMP-1-38.5-050515	5/5/2015	<0.41	U		<0.83	U		<0.61	U		<1.1	U		<1.4	U		<0.65	U		<1.1	U		<0.68	U	
		VMP-1-38.5-061515-R	6/15/2015	<0.045	U		<0.092	U		<0.067	U		<0.12	U		<0.15	U		<0.071	U		<0.12	U		<0.075	U	
		VMP-1-38.5-073015	7/30/2015	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
VMP-2	5 ft	VMP-2-5-021015	2/10/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0019	J		<0.027	U		<0.0068	U	
		VMP-2-5-050615	5/6/2015	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0014	J		<0.03	U		<0.0075	U	
		VMP-2-5-110415	11/4/2015	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-2-5-020116	2/1/2016	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-2-5-042716	4/27/2016	<0.019	U		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-2-5-072616	7/26/2016	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	ND,UJ	UJ	<0.0068	U	
		VMP-2-5-102616	10/26/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
	8.5 ft	VMP-2-8.5-021015	2/10/2015	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-2-8.5-050615	5/6/2015	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-2-8.5-110415	11/4/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-2-8.5-021616	2/16/2016	0.013	J		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		<0.0082	U	
		VMP-2-8.5-042716	4/27/2016	<0.019	U		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-2-8.5-072616	7/26/2016	0.0072	J		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	ND,UJ	UJ	<0.0076	U	
		VMP-2-8.5-102616	10/26/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
	22 ft	VMP-2-22-021015	2/10/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-2-22-021015-DUP	2/10/2015	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-2-22-050615	5/6/2015	0.0069	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-2-22-073015	7/30/2015	0.027			<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0046	J		<0.027	U		<0.0068	U	
		VMP-2-22-110415	11/4/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-2-22-020116	2/1/2016	0.0023	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.004	J		<0.029	U		<0.0073	U	
		VMP-2-22-020116-DUP	2/1/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0043	J		<0.03	U		<0.0075	U	
		VMP-2-22-042716	4/27/2016	<0.02	U		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		<0.0082	U	
		VMP-2-22-072616	7/26/2016	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0053	J		<0.03	ND,UJ	UJ	<0.0074	U	
		VMP-2-22-102616	10/26/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
	42 ft	VMP-2-42-021015	2/10/2015	<3.7	U		<7.5	U		<5.5	U		<10	U		<12	U		<5.8	U		<9.8	U		<6.2	U	
		VMP-2-42-050615	5/6/2015	<53	U		<110	U		<78	U		<140	U		<180	U		<83	U		<140	U		<88	U	
		VMP-2-42-061515-R	6/15/2015	<42	U		<86	U		<63	U		<120	U		<140	U		<66	U		<110	U		<70	U	
		VMP-2-42-073015	7/30/2015	130	J		<510	U		<370	U		<690	U		<850	U		<400	U		<1700	U		<420	U	
VMP-3	5 ft	VMP-3-5-020915	2/9/2015	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.004	J		<0.025	U		<0.0064	U	
		VMP-3-5-050415	5/4/2015	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0017	J		<0.029	U		<0.0074	U	
		VMP-3-5-072915	7/29/2015	0.0045	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	J	U	0.0039	J		<0.0068	U	
		VMP-3-5-110515	11/5/2015	<0.014	J	U	<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		0.0018	J		<0.0058	U	
		VMP-3-5-021616	2/16/2016	<0.014	J	U	<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-3-5-042716	4/27/2016	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.0012	J		<0.027	U		<0.0067	U	
		VMP-3-5-080116	8/1/2016	0.0062	J		<0.012	U		<0.009	U		<0.017	U		<0.021	U		0.011			<0.04	U		<0.01	U	
		VMP-3-5-102616	10/26/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10-020915	2/9/2015	<0.014	U		<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		0.01			<0.023	U		<0.0058	U	
		VMP-3-10-050415	5/4/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0019	J		<0.03	U		<0.0074	U	
		VMP-3-10-072915	7/29/2015	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.008			0.0062	J		<0.0063	U	
		VMP-3-10-110315	11/3/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0021	J		<0.029	U		<0.0072	U	
		VMP-3-10-021616	2/16/2016	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-3-10-042716	4/27/2016	0.0039	J		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.0064	J		<0.031	U		<0.0078	U	
		VMP-3-10-080216	8/2/2016	0.077			<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0096			<0.028	U		<0.0071	U	
		VMP-3-10-102616	10/26/2016	0.011	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.0037	J		<0.032	U		<0.0081	U	
	22 ft	VMP-3-22-020915	2/9/2015	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.021			<0.025	U		<0.0063	U	
		VMP-3-22-050815	5/8/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-3-22-072915	7/29/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0065	J		<0.03	U		<0.0074	U	
		VMP-3-22-110315	11/3/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.033			<0.027	U		<0.0068	U	
		VMP-3-22-021616	2/16/2016	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.019			<0.029	U		<0.0074	U	
		VMP-3-22-042716	4/27/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.012			<0.027	U		<0.0069	U	
		VMP-3-22-080116	8/1/2016	0.022			<0.011	U		<0.0081	U		<0.015	U		<0.019	U		0.0092			<0.036	U		<0.0091	U	
		VMP-3-22-102616	10/26/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.021			<0.03	U		<0.0074	U	
	31.5 ft	VMP-3-31.5-020915	2/9/2015	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0037	J		<0.023	U		<0.0058	U	
		VMP-3-31.5-110315	11/3/2015	0.0062	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0041	J		0.0053	J		<0.0066	U	
		VMP-3-31.5-020116	2/1/2016	<0.021	J	U	<0.011	U		<0.0078	U		<0.014	U		<0.018	U		0.005	J		<0.035	U		<0.0087	U	
		VMP-3-31.5-042716	4/27/2016	0.0038	J		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0069			<0.026	U		<0.0066	U	
		VMP-3-31.5-080116	8/1/2016	0.0087	J		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.0026	J		<0.031	U		<0.0078	U	
		VMP-3-31.5-102616	10/26/2016	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0036	J		<0.024	U		<0.0062	U	
	39 ft	VMP-3-39-020915	2/9/2015	<50	U		<25	U		<18	U		<34	U		<42	U		<19	U		<82	U		<21	U	
		VMP-3-39-110315	11/3/2015	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-3-39-020116	2/1/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-3-39-020116-DUP	2/1/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
VMP-4	5 ft	VMP-4-5-021015	2/10/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-4-5-110215	11/2/2015	0.0017	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-4-5-020316	2/3/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-4-5-050516	5/5/2016	0.036	J		<0.37	U		<0.27	U		<0.5	U		<0.62	U		<0.28	U		<1.2	U	UJ	<0.3	U	
		VMP-4-5-080216	8/2/2016	0.0033	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-4-5-102816	10/28/2016	0.0029	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
	12 ft	VMP-4-12-021015	2/10/2015	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-4-12-051115	5/11/2015	0.0022	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-4-12-080315	8/3/2015	0.0036	J		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.0099			<0.031	U		<0.0078	U	
		VMP-4-12-110215	11/2/2015	0.0039	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-4-12-020316	2/3/2016	0.0019	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-4-12-050316	5/3/2016	0.0012	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0013	J		<0.028	U	UJ	<0.0071	U	
		VMP-4-12-080216	8/2/2016	0.0075	J		<0.01	U		<0.0076	U		<0.014	U		<0.017	U		0.0054	J		<0.034	U		<0.0085	U	
		VMP-4-12-102816	10/28/2016	0.003	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0034	J		<0.028	U		<0.007	U	
	23.5 ft	VMP-4-23.5-021015	2/10/2015	<1.8	U		<0.92	U		<0.67	U		<1.2	U		<1.5	U		<0.72	U		<3	U		<0.76	U	
		VMP-4-23.5-050815	5/8/2015	0.16	J		<0.87	U		<0.64	U		<1.2	U		<1.5	U		<0.68	U		<2.9	U		<0.72	U	
		VMP-4-23.5-061515-R	6/15/2015	<0.046	U		<0.094	U		<0.068	U		<0.13	U		<0.16	U		<0.073	U		<0.12	U		<0.077	U	
		VMP-4-23.5-073015	7/30/2015	<0.17	U		<0.35	U		<0.26	U		<0.47	U		<0.58	U		<0.27	U		<0.46	U		<0.29	U	
		VMP-4-23.5-110215	11/2/2015	<0.086	U		<0.17	U		<0.13	U		<0.23	U		<0.29	U		<0.13	U		<0.23	U		<0.14	U	UJ
		VMP-4-23.5-020316	2/3/2016	<0.74	U	UJ	<1.5	U		<1.1	U		<2	U		<2.5	U		<1.2	U		<2	U		<1.2	U	
		VMP-4-23.5-020316-DUP	2/3/2016	<0.71	U	UJ	<1.4	U		<1	U		<1.9	U		<2.4	U		<1.1	U		<1.9	U		<1.2	U	
		VMP-4-23.5-050316	5/3/2016	<0.057	U		<0.11	U		<0.084	U		<0.16	U		<0.19	U		<0.089	U		<0.15	U		<0.094	U	
		VMP-4-23.5-080216	8/2/2016	1.1			<0.42	U		<0.31	U		<0.58	U		<0.71	U		<0.33	U		<1.4	U		<0.35	U	
		VMP-4-23.5-080216-DUP	8/2/2016	1.3			<0.43	U		<0.32	U		<0.59	U		<0.73	U		<0.34	U		<1.4	U		<0.36	U	
		VMP-4-23.5-092316-DUP-R	9/23/2016	<0.18	U		<0.093	U		<0.068	U		<0.13	U		<0.16	U		<0.072	U		<0.12	U		<0.077	U	
		VMP-4-23.5-092316-R	9/23/2016	<0.2	U		<0.1	U		<0.074	U		<0.14	U		<0.17	U		<0.078	U		<0.13	U		<0.083	U	
		VMP-4-23.5-102816	10/28/2016	<0.18	U		<0.089	U		<0.065	U		<0.12	U		<0.15	U		<0.069	U		<0.12	U		<0.073	U	
VMP-5	5 ft	VMP-5-5-013015	1/30/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.057			<0.027	U		<0.0068	U	
		VMP-5-5-042915	4/29/2015	0.0033	J		<0.0083	J	U	<0.0061	U		0.0032	J		<0.014	U		0.007			<0.027	U		<0.0068	U	
		VMP-5-5-072915	7/29/2015	0.0043	J		0.0028	J		<0.008	U		<0.015	U		<0.018	U		0.031			0.0083	J		<0.009	U	
		VMP-5-5-102915	10/29/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.021			<0.028	U		<0.007	U	
		VMP-5-5-012516	1/25/2016	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-5-5-042816	4/28/2016	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.0038	J		<0.029	U		<0.0073	U	
		VMP-5-5-072816	7/28/2016	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0058	J		<0.03	U		<0.0074	U	
		VMP-5-5-102516	10/25/2016	0.0032	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
	12.5 ft	VMP-5-12.5-013015	1/30/2015	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.058			<0.026	U		<0.0064	U	
		VMP-5-12.5-042915	4/29/2015	<0.018	J	U	<0.009	U		<0.0066	U		0.0047	J		<0.015	U		0.022			<0.03	U		0.0016	J	
		VMP-5-12.5-072915	7/29/2015	<0.02	J	U	<0.0099	U		<0.0072	U		0.0034	J		<0.017	U		0.036			<0.032	U		<0.0082	U	
		VMP-5-12.5-102915	10/29/2015	<0.018	J	U	<0.0091	U		<0.0066	U		0.0026	J		<0.015	U		0.024			<0.03	U		<0.0075	U	
		VMP-5-12.5-012516	1/25/2016	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-5-12.5-042816	4/28/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.005	J		<0.028	U		<0.0071	U	
		VMP-5-12.5-072816	7/28/2016	0.0046	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.012			<0.03	U		<0.0077	U	
		VMP-5-12.5-102516	10/26/2016	<0.016	U		<0.0079	U		0.00078	J		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11									
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31-013015	1/30/2015	<0.019	J	U	<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.0029	J		<0.031	U		<0.0079	U	
		VMP-5-31-042915	4/29/2015	0.027			<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	J	U	<0.028	U		<0.0071	U	
		VMP-5-31-072915	7/29/2015	0.0077	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0086			<0.03	U		<0.0074	U	
		VMP-5-31-102915	10/29/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	J	U	<0.027	U		<0.0068	U	
		VMP-5-31-030916-R	3/9/2016	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0022	J		<0.026	U		<0.0064	U	
		VMP-5-31-042816	4/28/2016	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.0033	J		<0.031	U		<0.0079	U	
		VMP-5-31-072816	7/28/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.003	J		<0.029	U		<0.0073	U	
		VMP-5-31-102516	10/26/2016	0.0043	J		<0.0087	U		0.0018	J		<0.012	U		<0.015	U		0.0046	J		<0.029	U		<0.0072	U	
	40 ft	VMP-5-40-013015	1/30/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0065			<0.027	U		<0.0068	U	
		VMP-5-40-042915	4/29/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	J	U	<0.029	U		<0.0073	U	
		VMP-5-40-072915	7/29/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.005	J		<0.029	U		<0.0072	U	
		VMP-5-40-102915	10/29/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0054	J		<0.026	U		<0.0065	U	
		VMP-5-40-012516	1/25/2016	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.005	J		<0.025	U		<0.0063	U	
		VMP-5-40-012516-DUP	1/25/2016	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0054	J		<0.026	U		<0.0065	U	
		VMP-5-40-042816	4/28/2016	<0.018	U		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		0.0034	J		<0.03	U		<0.0075	U	
		VMP-5-40-072816	7/28/2016	0.0041	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.007			<0.027	U		<0.0068	U	
		VMP-5-40-102516	10/26/2016	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0041	J		<0.026	U		<0.0064	U	
VMP-6	5 ft	VMP-6-5-020915	2/9/2015	<0.015	U		<0.0076	J	U	<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-6-5-042915	4/29/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-6-5-072715	7/27/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-6-5-102915	10/29/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-6-5-020116	2/1/2016	0.0036	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-6-5-042516	4/25/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-6-5-072816	7/28/2016	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.0024	J		<0.031	U		<0.0079	U	
		VMP-6-5-102816	10/28/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0069			<0.029	U		<0.0072	U	
	10 ft	VMP-6-10-020915	2/9/2015	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-6-10-042915	4/29/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-6-10-072715	7/27/2015	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0038	J		<0.03	U		<0.0074	U	
		VMP-6-10-102915	10/29/2015	0.0073	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		0.0012	J		<0.0065	U	
		VMP-6-10-020116	2/1/2016	<0.018	U		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-6-10-042516	4/25/2016	0.0013	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0038	J		<0.03	U		<0.0075	U	
		VMP-6-10-072816	7/28/2016	0.0069	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.031			<0.028	U		<0.0071	U	
		VMP-6-10-102816	10/28/2016	0.0047	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.015			<0.027	U		<0.0068	U	
	31.5 ft	VMP-6-31.5-020915	2/9/2015	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.01			<0.026	U		<0.0065	U	
		VMP-6-31.5-042915	4/29/2015	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.012			<0.026	U		<0.0066	U	
		VMP-6-31.5-042915-DUP	4/29/2015	<0.019	J	U	<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		0.012			<0.032	U		<0.008	U	
		VMP-6-31.5-072715	7/27/2015	0.014	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.019			<0.03	U		<0.0074	U	
		VMP-6-31.5-112515	11/25/2015	0.015	J		<0.015	U		<0.011	U		<0.02	U		<0.025	U		0.011	J		<0.049	U		<0.012	U	
		VMP-6-31.5-020116	2/1/2016	0.0042	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0054	J		<0.028	U		<0.007	U	
		VMP-6-31.5-042516	4/25/2016	0.0027	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.0063	J		<0.03	U		<0.0077	U	
		VMP-6-31.5-072816	7/28/2016	0.0015	J		<0.0098	U		<0.0071	U		<0.013	U		<0.016	U		0.02			<0.032	U		<0.008	U	
		VMP-6-31.5-102816	10/28/2016	0.0068	J		<0.013	U		<0.0096	U		<0.018	U		<0.022	U		0.0056	J		<0.043	U		<0.011	U	
	39 ft	VMP-6-39-020915	2/9/2015	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.0031	J		<0.024	U		<0.006	U	
		VMP-6-39-020915-DUP	2/9/2015	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0028	J		<0.023	U		<0.0058	U	
		VMP-6-39-042915	4/29/2015	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	J	U	<0.025	U		<0.0062	U	
		VMP-6-39-072715	7/27/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0057	J		<0.028	U		<0.007	U	
		VMP-6-39-072715-DUP	7/27/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0059	J		<0.029	U		<0.0072	U	
		VMP-6-39-102915	10/29/2015	0.0075	J		<0.027	U		<0.02	U		<0.037	U		<0.046	U		<0.021	U		<0.09	U		<0.022	U	
		VMP-6-39-102915-DUP	10/29/2015	0.0043	J		<0.028	U		<0.02	U		<0.037	U		<0.046	U		<0.021	U		<0.09	U		<0.023	U	
		VMP-6-39-020116	2/1/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0015	J		<0.027	U		<0.0068	U	
		VMP-6-39-020116-DUP	2/1/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-6-39-042516	4/25/2016	0.00088	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-6-39-072816	7/28/2016	<0.02	U		<0.01	U		<0.0075	U		<0.014	U		<0.017	U		<0.008	U		<0.034	U		<0.0085	U	
		VMP-6-39-102816	10/28/2016	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.0014	J		<0.025	U		<0.0064	U	
VMP-7	5 ft	VMP-7-5-020215	2/2/2015	0.0048	J		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-7-5-043015	4/30/2015	<0.019	J	U	<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-7-5-072715	7/27/2015	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		0.0034	J		<0.027	U		<0.0068	U	
		VMP-7-5-102815	10/28/2015	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		0.003	J		<0.0062	U	
		VMP-7-5-012716	1/27/2016	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-7-5-042916	4/29/2016	0.0048	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.00089	J		<0.029	U		<0.0073	U	
		VMP-7-5-072616	7/26/2016	0.021			<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0066	J		<0.03	U		<0.0076	U	
		VMP-7-5-102516	10/25/2016	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0021	J		<0.025	U		<0.0063	U	
	13.5 ft	VMP-7-13.5-020215	2/2/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-7-13.5-043015	4/30/2015	<0.02	J	U	<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0077	U		<0.033	U		<0.0082	U	
		VMP-7-13.5-072715	7/27/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0034	J		<0.027	U		<0.0067	U	
		VMP-7-13.5-102815	10/28/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0066	J		<0.028	U		<0.0071	U	
		VMP-7-13.5-012716	1/27/2016	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-7-13.5-042916	4/29/2016	0.00098	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.00088	J		<0.029	U		<0.0073	U	
		VMP-7-13.5-072616	7/26/2016	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.007			<0.026	U		<0.0066	U	
		VMP-7-13.5-102516	10/25/2016	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0028	J		<0.025	U		<0.0063	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5-020215	2/2/2015	<0.014	J	U	<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		0.0015	J		<0.023	U		<0.0057	U	
		VMP-7-29.5-043015	4/30/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-7-29.5-072715	7/27/2015	0.016	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0018	J		0.0053	J		<0.0071	U	
		VMP-7-29.5-102815	10/28/2015	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.0034	J		<0.03	U		<0.0077	U	
		VMP-7-29.5-012716	1/27/2016	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	J	U	<0.027	U		<0.0067	U	
		VMP-7-29.5-042916	4/29/2016	0.0032	J		<0.016	U		<0.011	U		<0.021	U		<0.026	U		<0.012	U		<0.052	U		<0.013	U	
		VMP-7-29.5-072616	7/26/2016	0.0047	J		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.0022	J		<0.027	U		<0.0067	U	
		VMP-7-29.5-102516	10/25/2016	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0031	J		<0.025	U		<0.0063	U	
	38 ft	VMP-7-38-020215	2/2/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-7-38-043015	4/30/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-7-38-072715	7/27/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-7-38-102815	10/28/2015	0.28		J	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-7-38-102815-DUP	10/28/2015	<0.015	J	UJ	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	J	U	<0.024	U		<0.0062	U	
		VMP-7-38-012716	1/27/2016	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-7-38-012716-DUP	1/27/2016	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-7-38-042916	4/29/2016	0.00086	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-7-38-042916-DUP	4/29/2016	0.00069	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-7-38-072616	7/26/2016	<0.02	U		<0.0099	U		<0.0073	U		<0.013	U		<0.017	U		<0.0077	U		<0.033	U		<0.0082	U	
		VMP-7-38-072616-DUP	7/26/2016	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-7-38-102516	10/25/2016	0.0013	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0014	J		<0.025	U		<0.0062	U	
		VMP-7-38-102516-Dup	10/25/2016	<0.032	U		<0.016	U		<0.012	U		<0.022	U		<0.027	U		<0.013	U		<0.054	U		<0.013	U	
VMP-8	5 ft	VMP-8-5-020915	2/9/2015	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-8-5-042715	4/27/2015	<0.014	J	U	<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-8-5-072815	7/28/2015	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0044	J		<0.026	U		<0.0066	U	
		VMP-8-5-102715	10/27/2015	0.017			<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	J	U	<0.027	U		<0.0068	U	
		VMP-8-5-012716	1/27/2016	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-8-5-042916	4/29/2016	0.0012	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-8-5-072916	7/29/2016	0.00068	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0054	J		<0.029	U		<0.0073	U	
		VMP-8-5-102516	10/25/2016	0.00067	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.00097	J		<0.026	ND,UJ	UJ	<0.0065	U	
	9.5 ft	VMP-8-9.5-020915	2/9/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-8-9.5-042715	4/27/2015	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-8-9.5-072815	7/28/2015	0.01	J		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.0034	J		<0.031	U		<0.0079	U	
		VMP-8-9.5-102715	10/27/2015	0.0075	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.0022	J		<0.03	U		<0.0077	U	
		VMP-8-9.5-012716	1/27/2016	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-8-9.5-042916	4/29/2016	0.0037	J		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-8-9.5-072916	7/29/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0011	J		<0.029	U		<0.0072	U	
		VMP-8-9.5-102516	10/25/2016	0.00078	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	ND,UJ	UJ	<0.0062	U	
	23.5 ft	VMP-8-23.5-020915	2/9/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-8-23.5-050515-R	5/5/2015	0.0017	J		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-8-23.5-072815	7/28/2015	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		0.0018	J		<0.025	U		<0.0062	U	
		VMP-8-23.5-102715	10/27/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0035	J		<0.028	U		<0.007	U	
		VMP-8-23.5-012716	1/27/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-8-23.5-042916	4/29/2016	0.00065	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-8-23.5-072916	7/29/2016	0.00056	J		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		0.0008	J		<0.023	U		<0.0058	U	
		VMP-8-23.5-072916-DUP	7/29/2016	0.0022	J		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-8-23.5-102516	10/25/2016	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
	35.5 ft	VMP-8-35.5-020915	2/9/2015	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0014	J		<0.028	U		<0.007	U	
		VMP-8-35.5-042715	4/27/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-8-35.5-072815	7/28/2015	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0065	J		<0.03	U		<0.0074	U	
		VMP-8-35.5-072815-DUP	7/28/2015	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.0058	J		<0.026	U		<0.0066	U	
		VMP-8-35.5-012816	1/28/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-8-35.5-012816-DUP	1/28/2016	<0.017	U		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-8-35.5-042916	4/29/2016	0.0015	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-8-35.5-080316	8/3/2016	0.016			<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0015	J		<0.026	U		<0.0065	U	
		VMP-8-35.5-102516	10/25/2016	0.0016	J		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-8-35.5-102516-Dup	10/25/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
VMP-9	5 ft	VMP-9-5-021115	2/11/2015	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-9-5-050415	5/4/2015	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-9-5-072815	7/28/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0043	J		0.0033	J		<0.0073	U	
		VMP-9-5-102815	10/28/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-9-5-012816	1/28/2016	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-9-5-042816	4/28/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-9-5-080116	8/1/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0019	J		<0.028	U		<0.0071	U	
		VMP-9-5-102516	10/25/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	ND,UJ	UJ	<0.0068	U	
		VMP-9-5-120916	12/9/2016	0.0025	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0014	J		<0.025	U		<0.0063	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11									
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	11.5 ft	VMP-9-11.5-021115	2/11/2015	0.0025	J		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-9-11.5-050415	5/4/2015	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.004	J		<0.027	U		<0.0069	U	
		VMP-9-11.5-072815	7/28/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0076			0.0034	J		<0.007	U	
		VMP-9-11.5-102815	10/28/2015	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0038	J		<0.026	U		<0.0064	U	
		VMP-9-11.5-012816	1/28/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-9-11.5-042816	4/28/2016	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.0014	J		<0.027	U		<0.0067	U	
		VMP-9-11.5-080116	8/1/2016	0.018			<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.004	J		<0.03	U		<0.0077	U	
		VMP-9-11.5-080116-DUP	8/1/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.0035	J		<0.03	U		<0.0077	U	
		VMP-9-11.5-102516	10/25/2016	0.0046	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.01			<0.026	ND,UJ	UJ	<0.0064	U	
		VMP-9-11.5-120916	12/9/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.047			<0.027	U		<0.0067	U	
	25.5 ft	VMP-9-25.5-021115	2/11/2015	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.0054	J		<0.026	U		<0.0064	U	
		VMP-9-25.5-050415	5/4/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0021	J	J	<0.027	U		<0.0068	U	
		VMP-9-25.5-052915-R	5/29/2015	0.0049	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	ND,UJ	UJ	<0.0073	U	
		VMP-9-25.5-072815	7/28/2015	0.024			<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0025	J		<0.027	U		<0.0067	U	
		VMP-9-25.5-102815	10/28/2015	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.066			<0.024	U		<0.0062	U	
		VMP-9-25.5-012816	1/28/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.034			<0.03	U		<0.0076	U	
		VMP-9-25.5-042816	4/28/2016	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0048	J		<0.026	U		<0.0066	U	
		VMP-9-25.5-080116	8/1/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.028			<0.028	U		<0.0071	U	
		VMP-9-25.5-102516	10/25/2016	0.0018	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.032			<0.026	ND,UJ	UJ	<0.0065	U	
		VMP-9-25.5-120916	12/9/2016	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.04			<0.024	U		<0.0061	U	
	38.5 ft	VMP-9-38.5-050415	5/4/2015	<0.092	U		<0.046	U		<0.034	U		<0.063	U		<0.078	U		<0.036	U		<0.15	U		<0.038	U	
		VMP-9-38.5-050415-DUP	5/4/2015	<0.011	U		<0.0057	U		<0.0041	U		<0.0077	U		<0.0095	U		<0.0044	U		0.0051	J		<0.0046	U	
		VMP-9-38.5-052915-R	5/29/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0047	J		<0.03	ND,UJ	UJ	<0.0075	U	
		VMP-9-38.5-072815	7/28/2015	0.004	J		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		0.0038	J		<0.023	U		<0.0057	U	
		VMP-9-38.5-102815	10/28/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.03			<0.028	U		<0.0071	U	
		VMP-9-38.5-012816	1/28/2016	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.037			<0.024	U		<0.006	U	
		VMP-9-38.5-042816	4/28/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.022			<0.027	U		<0.0068	U	
		VMP-9-38.5-072916	7/29/2016	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.15			<0.031	U		<0.0078	U	
		VMP-9-38.5-102516	10/25/2016	0.0031	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.2			<0.029	ND,UJ	UJ	<0.0072	U	
		VMP-9-38.5-120916	12/9/2016	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		0.17			<0.023	U		<0.0058	U	
VMP-10	5 ft	VMP-10-5-020515	2/5/2015	<0.016	U		0.0011	J		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U	UJ	<0.0065	U	
		VMP-10-5-043015	4/30/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-10-5-072815	7/28/2015	0.0029	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-10-5-103015	10/30/2015	0.0034	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-10-5-012916	1/29/2016	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-10-5-050216	5/2/2016	0.0017	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-10-5-082616	8/26/2016	0.0023	J		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-10-5-110216	11/2/2016	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
	10 ft	VMP-10-10-020515	2/5/2015	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U	UJ	<0.0064	U	
		VMP-10-10-043015	4/30/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-10-10-072815	7/28/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-10-10-103015	10/30/2015	0.0035	J		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-10-10-021616	2/16/2016	<0.017	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-10-10-050216	5/2/2016	<0.019	U		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.0081	U	
		VMP-10-10-072816	7/28/2016	0.0081	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-10-10-110216	11/2/2016	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
	20 ft	VMP-10-20-020515	2/5/2015	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	UJ	<0.0067	U	
		VMP-10-20-043015	4/30/2015	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-10-20-072815	7/28/2015	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		0.015	J		<0.0072	U	
		VMP-10-20-072815-DUP	7/28/2015	0.0056	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		0.0032	J		<0.0074	U	
		VMP-10-20-103015	10/30/2015	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-10-20-012916	1/29/2016	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-10-20-050216	5/2/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-10-20-072816	7/28/2016	0.0063	J		<0.018	U		<0.013	U		<0.024	U		<0.03	U		<0.014	U		<0.058	U		<0.014	U	
		VMP-10-20-110216	11/2/2016	0.0078	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
	30 ft	VMP-10-30-020515	2/5/2015	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U	UJ	<0.0069	U	
		VMP-10-30-020515-DUP	2/5/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U	UJ	<0.0066	U	
		VMP-10-30-043015	4/30/2015	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-10-30-072815	7/28/2015	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
		VMP-10-30-103015	10/30/2015	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-10-30-012916-DUP	1/29/2016	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-10-30-050216	5/2/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-10-30-050216-DUP	5/2/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-10-30-072816	7/28/2016	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-10-30-110216	11/2/2016	<0.019	U		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.0081	U	
VMP-11	5 ft	VMP-11-5-020515	2/5/2015	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U	UJ	<0.0064	U	
		VMP-11-5-043015	4/30/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-11-5-072815	7/28/2015	0.039			<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-11-5-103015	10/30/2015	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-11-5-012916	1/29/2016	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-11-5-050216	5/2/2016	0.0013	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-11-5-080116	8/1/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-11-5-110116	11/1/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11									
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	8 ft	VMP-11-8-020515	2/5/2015	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U	UJ	<0.0062	U	
		VMP-11-8-043015	4/30/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-11-8-072815	7/28/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-11-8-103015	10/30/2015	<0.015	J	U	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-11-8-012916	1/29/2016	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-11-8-050616	5/6/2016	0.0035	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	UJ	<0.0074	U	
		VMP-11-8-080116	8/1/2016	0.0046	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-11-8-110116	11/1/2016	0.019			<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
	29 ft	VMP-11-29-020515	2/5/2015	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.0012	J		<0.029	U	UJ	<0.0073	U	
		VMP-11-29-020515-DUP	2/5/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.00097	J		<0.027	U	UJ	<0.0067	U	
		VMP-11-29-043015	4/30/2015	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-11-29-072815	7/28/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.002	J		<0.028	U		<0.007	U	
		VMP-11-29-110515	11/5/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0027	J		0.0026	J		<0.0073	U	
		VMP-11-29-012916	1/29/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0022	J		<0.03	U		<0.0074	U	
		VMP-11-29-050216	5/2/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0013	J		<0.029	U		<0.0072	U	
		VMP-11-29-080216	8/2/2016	0.0054	J		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-11-29-110116	11/1/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
	38 ft	VMP-11-38-020515	2/5/2015	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0086			<0.024	U	UJ	<0.0062	U	
		VMP-11-38-043015	4/30/2015	<0.019	J	U	<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.0086			<0.031	U		<0.0078	U	
		VMP-11-38-072815	7/28/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0096			<0.028	U		<0.0071	U	
		VMP-11-38-103015	10/30/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0088			0.0038	J		<0.0065	U	
		VMP-11-38-103015-DUP	10/30/2015	<0.014	J	U	<0.0071	U		<0.0052	U		<0.0097	U		<0.012	U		0.0096			0.0016	J		<0.0059	U	
		VMP-11-38-012916	1/29/2016	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		0.0061	J		<0.027	U		<0.0068	U	
		VMP-11-38-050216	5/2/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0073			<0.027	U		<0.0067	U	
		VMP-11-38-050216-DUP	5/2/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0066			<0.026	U		<0.0065	U	
		VMP-11-38-080216	8/2/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0084			<0.03	U		<0.0075	U	
		VMP-11-38-110216	11/2/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		0.011			<0.03	U		<0.0076	U	
VMP-12	5 ft	VMP-12-5-021115	2/11/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-12-5-050715	5/7/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-12-5-073115	7/31/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		0.0079	J		<0.007	U	
		VMP-12-5-110415	11/4/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-12-5-020316	2/3/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-12-5-050416	5/4/2016	<0.02	U		<0.0099	U		<0.0073	U		<0.013	U		<0.017	U		<0.0077	U		<0.033	U	UJ	<0.0082	U	
		VMP-12-5-080316	8/3/2016	0.012	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-12-5-103116	10/31/2016	0.0033	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
	11.5 ft	VMP-12-11.5-021115	2/11/2015	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-12-11.5-050715	5/7/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-12-11.5-073115	7/31/2015	0.016	J		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-12-11.5-110415	11/4/2015	0.0016	J		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-12-11.5-020316	2/3/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-12-11.5-050416	5/4/2016	0.0012	J		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U	UJ	<0.0076	U	
		VMP-12-11.5-080316	8/3/2016	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-12-11.5-110316	11/3/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
	25 ft	VMP-12-25-021115	2/11/2015	0.0018	J		<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		<0.0054	U		<0.023	U		<0.0058	U	
		VMP-12-25-050715	5/7/2015	<0.018	J	U	<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-12-25-073115	7/31/2015	<0.02	J	U	<0.01	U		<0.0074	U		<0.014	U		<0.017	U		0.0027	J		<0.033	U		<0.0084	U	
		VMP-12-25-110415	11/4/2015	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-12-25-021616	2/16/2016	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-12-25-021616-DUP	2/16/2016	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-12-25-050416	5/4/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U	UJ	<0.0068	U	
		VMP-12-25-080316	8/3/2016	0.017	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-12-25-103116	10/31/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0026	J		<0.028	U		<0.007	U	
		VMP-12-25-103116-Dup	10/31/2016	0.012	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0017	J		<0.026	U		<0.0065	U	
	39 ft	VMP-12-39-021115	2/11/2015	<1	U		<2.1	U		<1.5	U		<2.8	U		<3.5	U		<1.6	U		<2.7	U		<1.7	U	
		VMP-12-39-050715	5/7/2015	1.4	J		<4.6	U		<3.4	U		<6.3	U		<7.8	U		<3.6	U		<15	U		<3.8	U	
		VMP-12-39-050715-DUP	5/7/2015	1.3	J		<4.3	U		<3.1	U		<5.8	U		<7.2	U		<3.3	U		<14	U		<3.5	U	
		VMP-12-39-061515-Dup-R	6/15/2015	<0.039	U		<0.078	U		<0.057	U		<0.11	U		<0.13	U		<0.061	U		<0.1	U		<0.064	U	
		VMP-12-39-061515-R	6/15/2015	<0.045	U		<0.09	U		<0.066	U		<0.12	U		<0.15	U		<0.07	U		<0.12	U		<0.074	U	
		VMP-12-39-073115	7/31/2015	<0.94	U		<1.9	U		<1.4	U		<2.6	U		<3.2	U		<1.5	U		<2.5	U		<1.6	U	
		VMP-12-39-073115-DUP	7/31/2015	<2.6	U		<5.2	U		<3.8	U		<7	U		<8.6	U		<4	U		<6.8	U		<4.2	U	
		VMP-12-39-110415	11/4/2015	<1.6	U		<3.2	U		<2.3	U		<4.3	U		<5.4	U		<2.5	U		<4.2	U		<2.6	U	UJ
		VMP-12-39-020316	2/3/2016	6.2	J	J	<24	U		<17	U		<32	U		<40	U		<18	U		<31	U		<19	U	
		VMP-12-39-050416	5/4/2016	<16	U		<8.1	U		<5.9	U		<11	U		<14	U		<6.3	U		<26	U		<6.6	U	
		VMP-12-39-080316	8/3/2016	6.4	J		<7	U		<5.2	U		<9.5	U		<12	U		<5.5	U		<23	U		<5.8	U	
		VMP-12-39-110316	11/3/2016	15	J		<18	U		<13	U		<25	U		<31	U		<14	U		<60	U		<15	U	
VMP-13	5 ft	VMP-13-5-020515	2/5/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U	
		VMP-13-5-043015	4/30/2015	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-13-5-072715	7/27/2015	0.0091	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.0029	J		<0.029	U		<0.0073	U	
		VMP-13-5-110215	11/2/2015	<0.014	U		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		0.0018	J		<0.024	U		<0.0059	U	
		VMP-13-5-012616	1/26/2016	<0.014	J	U	<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-13-5-050316	5/3/2016	0.00068	J		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.0015	J		<0.028	U	UJ	<0.0069	U	
		VMP-13-5-072916	7/29/2016	0.0086	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.015			<0.029	U		<0.0073	U	
		VMP-13-5-110216	11/2/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0011	J		<0.026	U		<0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11									
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	10.5 ft	VMP-13-10.5-020515	2/5/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U	UJ	<0.0068	U	
		VMP-13-10.5-043015	4/30/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-13-10.5-072715	7/27/2015	<0.018	J	U	<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.0025	J		<0.029	U		<0.0073	U	
		VMP-13-10.5-110215	11/2/2015	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0031	J		<0.024	U		<0.0062	U	
		VMP-13-10.5-012616	1/26/2016	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0029	J		<0.026	U		<0.0066	U	
		VMP-13-10.5-050316	5/3/2016	0.00066	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0012	J		<0.028	U	UJ	<0.0071	U	
		VMP-13-10.5-072916	7/29/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0026	J		<0.03	U		<0.0075	U	
		VMP-13-10.5-110216	11/2/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0038	J		<0.03	U		<0.0075	U	
	21.5 ft	VMP-13-21.5-020515	2/5/2015	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.0016	J		<0.029	U	UJ	<0.0073	U	
		VMP-13-21.5-043015	4/30/2015	<0.019	J	U	<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.0079	U	
		VMP-13-21.5-072715	7/27/2015	0.0035	J		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-13-21.5-112515	11/25/2015	<0.015	J	U	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-13-21.5-012616	1/26/2016	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0048	J		<0.026	U		<0.0065	U	
		VMP-13-21.5-050316	5/3/2016	0.00098	J		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		0.0014	J		<0.03	U	UJ	<0.0075	U	
		VMP-13-21.5-050316-DUP	5/3/2016	0.0018	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0014	J		<0.03	U	UJ	<0.0074	U	
		VMP-13-21.5-072916	7/29/2016	0.0036	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0018	J		<0.03	U		<0.0075	U	
		VMP-13-21.5-110216	11/2/2016	0.0032	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0019	J		<0.026	U		<0.0065	U	
	29.5 ft	VMP-13-29.5-020515	2/5/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.001	J		<0.025	U	UJ	<0.0063	U	
		VMP-13-29.5-043015	4/30/2015	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
		VMP-13-29.5-072715	7/27/2015	0.003	J		<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		0.0033	J		<0.032	U		<0.0079	U	
		VMP-13-29.5-072715-DUP	7/27/2015	<0.019	J	U	<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		0.0028	J		<0.032	U		<0.008	U	
		VMP-13-29.5-110215	11/2/2015	<0.013	J	U	<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		0.0035	J		<0.022	U		<0.0055	U	
		VMP-13-29.5-110215-DUP	11/2/2015	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0034	J		<0.023	U		<0.0058	U	
		VMP-13-29.5-012616	1/26/2016	<0.014	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0029	J		<0.024	U		<0.006	U	
		VMP-13-29.5-050316	5/3/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0009	J		<0.027	U	UJ	<0.0068	U	
		VMP-13-29.5-082616-R	8/29/2016	0.0052	J		<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		0.0022	J		<0.023	U		<0.0058	U	
		VMP-13-29.5-110216	11/2/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0035	J		<0.028	U		<0.007	U	
		VMP-13-29.5-110216-Dup	11/2/2016	0.0074	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0032	J		<0.027	U		<0.0067	U	
VMP-14	5 ft	VMP-14-5-020615	2/6/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U	UJ	<0.0068	U	
		VMP-14-5-043015	4/30/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-14-5-072915	7/29/2015	0.0054	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	J	U	0.004	J		<0.0064	U	
		VMP-14-5-110215	11/2/2015	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-14-5-012616	1/26/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-14-5-050316	5/3/2016	0.00068	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.029	U	UJ	<0.0074	U	
		VMP14-5-072916	7/29/2016	0.0026	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-14-5-110216	11/2/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
	11.5 ft	VMP-14-11.5-020615	2/6/2015	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U	UJ	<0.0064	U	
		VMP-14-11.5-043015	4/30/2015	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-14-11.5-072915	7/29/2015	0.005	J		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		0.0045	J		<0.0076	U	
		VMP-14-11.5-110215	11/2/2015	<0.016	J	U	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-14-11.5-012616	1/26/2016	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-14-11.5-050316	5/3/2016	0.00075	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U	
		VMP-14-11.5-072916	7/29/2016	0.0011	J		<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-14-11.5-110216	11/2/2016	0.0055	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
	20 ft	VMP-14-20-020615	2/6/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		0.0041	J	J	<0.0071	U	
		VMP-14-20-043015	4/30/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-14-20-072915	7/29/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.00099	J		<0.029	U		<0.0072	U	
		VMP-14-20-110215	11/2/2015	0.0045	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-14-20-012616	1/26/2016	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-14-20-050416	5/4/2016	0.0075	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U	
		VMP-14-20-072916	7/29/2016	0.0011	J		<0.0099	U		<0.0072	U		<0.013	U		<0.016	U		<0.0077	U		<0.032	U		<0.0081	U	
	29 ft	VMP-14-29-020615	2/6/2015	0.0052	J		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0051	J		<0.027	U	UJ	<0.0069	U	
		VMP-14-29-043015	4/30/2015	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	J	U	<0.025	U		<0.0063	U	
		VMP-14-29-043015-DUP	4/30/2015	<0.013	J	U	<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		0.0032	J		<0.022	U		<0.0055	U	
		VMP-14-29-072915	7/29/2015	<0.018	J	U	<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		0.0039	J		<0.031	U		<0.0077	U	
		VMP-14-29-110215	11/2/2015	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.0064			<0.026	U		<0.0066	U	
		VMP-14-29-012616	1/26/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	J	U	<0.026	U		<0.0065	U	
		VMP-14-29-012616-DUP	1/26/2016	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	J	U	<0.025	U		<0.0064	U	
		VMP-14-29-050316	5/3/2016	0.00083	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	UJ	<0.0074	U	
		VMP-14-29-072916	7/29/2016	0.0084	J		<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-14-29-072916-DUP	7/29/2016	0.016			<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-14-29-110216	11/2/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
VMP-15	5 ft	VMP-15-5-020615	2/6/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0016	J		<0.027	U		<0.0067	U	
		VMP-15-5-050415	5/4/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0012	J		<0.025	U		<0.0063	U	
		VMP-15-5-072915	7/29/2015	0.0077	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0037	J		<0.029	U		<0.0073	U	
		VMP-15-5-110415	11/4/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0038	J		<0.028	U		<0.0071	U	
		VMP-15-5-020316	2/3/2016	<0.032	U		<0.016	U		<0.012	U		<0.022	U		<0.027	U		<0.013	U		<0.054	U		<0.013	U	
		VMP-15-5-050316	5/3/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0017	J		<0.028	U		<0.007	ND,UJ	UJ
		VMP-15-5-080216	8/2/2016	0.002	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0047	J		<0.028	U		<0.0071	U	
		VMP-15-5-110116	11/1/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0018	J		<0.028	U		<0.007	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11									
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	21.5 ft	VMP-15-21.5-020615	2/6/2015	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0064	J		<0.03	U		<0.0075	U	
		VMP-15-21.5-050415	5/4/2015	0.0032	J		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.0055	J		<0.026	U		<0.0064	U	
		VMP-15-21.5-072915	7/29/2015	0.019	J		<0.1	U		<0.073	U		<0.14	U		<0.17	U		<0.077	U		<0.33	U		<0.082	U	
		VMP-15-21.5-110415	11/4/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.011			<0.029	U		<0.0072	U	
		VMP-15-21.5-020316	2/3/2016	<0.22	U		<0.11	U		<0.081	U		<0.15	U		<0.18	U		<0.086	U		<0.36	U		<0.091	U	
		VMP-15-21.5-050316	5/3/2016	0.044			<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	
		VMP-15-21.5-080216	8/2/2016	0.0088	J		<0.055	U		<0.04	U		<0.075	U		<0.093	U		<0.043	U		<0.18	U		<0.046	U	
		VMP-15-21.5-110116	11/1/2016	<0.025	U		<0.012	U		<0.0092	U		<0.017	U		<0.021	U		<0.0098	U		<0.041	U		<0.01	U	
	25.5 ft	VMP-15-25.5-020615	2/6/2015	0.027			<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0045	J		<0.028	U		<0.0071	U	
		VMP-15-25.5-050415	5/4/2015	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0054	J		<0.028	U		<0.0069	U	
		VMP-15-25.5-072915	7/29/2015	<0.055	U		<0.11	U		<0.081	U		<0.15	U		<0.18	U		<0.086	U		<0.14	U		<0.091	U	
		VMP-15-25.5-110415	11/4/2015	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-15-25.5-020316	2/3/2016	<0.22	U	UJ	<0.44	U		<0.32	U		<0.6	U		<0.74	U		<0.34	U		<0.58	U		<0.36	U	
		VMP-15-25.5-050316	5/3/2016	<0.042	U		<0.021	U		<0.015	U		<0.029	U		<0.036	U		<0.016	U		<0.069	U		<0.017	ND,UJ	UJ
		VMP-15-25.5-080216	8/2/2016	<0.18	U		<0.089	U		<0.065	U		<0.12	U		<0.15	U		<0.069	U		<0.29	U		<0.074	U	
		VMP-15-25.5-110116	11/1/2016	<0.11	U		<0.057	U		<0.042	U		<0.077	U		<0.096	U		<0.044	U		<0.19	U		<0.047	U	
		VMP-15-25.5-110116-Dup	11/1/2016	<0.12	U		<0.059	U		<0.043	U		<0.08	U		<0.099	U		<0.046	U		<0.19	U		<0.049	U	
	29 ft	VMP-15-29-020615	2/6/2015	0.032			<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0053	J		<0.025	U		<0.0063	U	
		VMP-15-29-020615-DUP	2/6/2015	0.021			<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0048	J		<0.027	U		<0.0067	U	
		VMP-15-29-050415	5/4/2015	0.0059	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0067	J		<0.029	U		<0.0072	U	
		VMP-15-29-072915	7/29/2015	<0.061	U		<0.12	U		<0.091	U		<0.17	U		<0.21	U		<0.096	U		<0.16	U		<0.1	U	
		VMP-15-29-072915-DUP	7/29/2015	<0.051	U		<0.1	U		<0.076	U		<0.14	U		<0.17	U		<0.08	U		<0.14	U		<0.085	U	
		VMP-15-29-110415	11/4/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-15-29-020316	2/3/2016	<0.083	U	UJ	<0.17	U		<0.12	U		<0.23	U		<0.28	U		<0.13	U		<0.22	U		<0.14	U	
		VMP-15-29-050316	5/3/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	ND,UJ	UJ
		VMP-15-29-080216	8/2/2016	0.01	J		<0.11	U		<0.082	U		<0.15	U		<0.19	U		<0.087	U		<0.37	U		<0.092	U	
VMP-16	5 ft	VMP-16-5-021115	2/11/2015	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-16-5-050715	5/7/2015	<0.019	J	U	<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-16-5-073115	7/31/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	J	U	<0.027	U		<0.0068	U	
		VMP-16-5-110415	11/4/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		0.0034	J		<0.0071	U	
		VMP-16-5-020316	2/3/2016	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-16-5-050416	5/4/2016	0.0024	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U	UJ	<0.007	U	
		VMP-16-5-080316	8/3/2016	0.024			<0.0071	U		<0.0052	U		<0.0097	U		<0.012	U		0.002	J		<0.023	U		<0.0059	U	
		VMP-16-5-103116	10/31/2016	0.0038	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
	13.5 ft	VMP-16-13.5-021115	2/11/2015	<6.9	U		<14	U		<10	U		<19	U		<23	U		<11	U		<18	U		<12	U	
		VMP-16-13.5-050715	5/7/2015	3.1	J		<20	U		<15	U		<27	U		<34	U		<16	U		<66	U		<16	U	
		VMP-16-13.5-073115	7/31/2015	<2.2	U		<4.4	U		<3.2	U		<6	U		<7.4	U		<3.4	U		<5.8	U		<3.6	U	
		VMP-16-13.5-110415	11/4/2015	<4.4	U		<8.9	U		<6.5	U		<12	U		<15	U		<6.9	U		<12	U		<7.3	U	UJ
		VMP-16-13.5-020316	2/3/2016	<20	U	UJ	<42	U		<30	U		<56	U		<70	U		<32	U		<54	U		<34	U	
		VMP-16-13.5-052516-R	5/25/2016	<2.1	U		<4.3	U		<3.1	U		<5.8	U		<7.2	U		<3.3	U		<5.6	U		<3.5	U	
		VMP-16-13.5-080316	8/3/2016	6.7	J		<14	U		<10	U		<19	U		<24	U		<11	U		<46	U		<12	U	
		VMP-16-13.5-103116	10/31/2016	<8.7	U		<4.4	U		<3.2	U		<6	U		<7.4	U		<3.4	U		<5.8	U		<3.6	U	
	19 ft	VMP-16-19-021115	2/11/2015	<3.5	U		<7.1	U		<5.2	U		<9.7	U		<12	U		<5.5	U		<9.4	U		<5.9	U	
		VMP-16-19-050715	5/7/2015	3.7	J		<15	U		<11	U		<21	U		<26	U		<12	U		<50	U		<13	U	
		VMP-16-19-073115	7/31/2015	<4.5	U		<9.1	U		<6.6	U		<12	U		<15	U		<7	U		<12	U		<7.5	U	
		VMP-16-19-110415	11/4/2015	<0.73	U		<1.5	U		<1.1	U		<2	U		<2.5	U		<1.1	U		<1.9	U		<1.2	U	UJ
		VMP-16-19-020316	2/3/2016	<24	U	UJ	<49	U		<36	U		<66	U		<82	U		33	J		<64	U		<40	U	
		VMP-16-19-050416	5/4/2016	<6.2	U		<3.1	U		<2.3	U		<4.2	U		<5.2	U		<2.4	U		<10	U		<2.6	U	
		VMP-16-19-080316	8/3/2016	8.9	J		<9.3	U		<6.8	U		<13	U		<16	U		<7.2	U		<30	U		<7.7	U	
		VMP-16-19-103116	10/31/2016	<8.1	U		<4.1	U		<3	U		<5.5	U		<6.9	U		<3.2	U		<5.4	U		<3.4	U	
	31 ft	VMP-16-31-021115	2/11/2015	<3.1	U		<6.3	U		<4.6	U		<8.5	U		<10	U		<4.9	U		<8.3	U		<5.2	U	
		VMP-16-31-050715	5/7/2015	2.8	J		<11	U		<8.2	U		<15	U		<19	U		<8.7	U		<37	U		<9.3	U	
		VMP-16-31-073115	7/31/2015	<2.3	U		<4.6	U		<3.4	U		<6.3	U		<7.8	U		<3.6	U		<6.1	U		<3.8	U	
		VMP-16-31-073115-DUP	7/31/2015	<2.1	U		<4.3	U		<3.2	U		<5.9	U		<7.3	U		<3.4	U		<5.7	U		<3.6	U	
		VMP-16-31-110415	11/4/2015	<4.5	U		<9.1	U		<6.6	U		<12	U		<15	U		<7	U		<12	U		<7.5	U	UJ
		VMP-16-31-020316	2/3/2016	<8.3	U	UJ	<17	U		<12	U		<23	U		<28	U		<13	U		<22	U		<14	U	
		VMP-16-31-020316-DUP	2/3/2016	<9.9	U	UJ	<20	U		<15	U		<27	U		<34	U		<16	U		<26	U		<16	U	
		VMP-16-31-050416	5/4/2016	<16	U		<8.4	U		<6.1	U		<11	U		<14	U		<6.5	U		<27	U		<6.9	U	
		VMP-16-31-050416-DUP	5/4/2016	<16	U		<8.2	U		6.6			<11	U		<14	U		<6.3	U		<27	U		<6.7	U	
		VMP-16-31-080316	8/3/2016	9.4	J		<5.7	U		<4.1	U		<7.7	U		<9.5	U		<4.4	U		<18	U		<4.6	U	
		VMP-16-31-103116	10/31/2016	<7.9	U		<4	U		<2.9	U		<5.4	U		<6.7	U		<3.1	U		<5.2	U		<3.3	U	
		VMP-16-31-103116-Dup	10/31/2016	<8.3	U		<4.2	U		<3.1	U		<5.7	U		<7.1	U		<3.3	U		<5.5	U		<3.5	U	
VMP-17	5 ft	VMP-17-5-020415	2/4/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-17-5-050115	5/1/2015	<0.015	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-17-5-072815	7/28/2015	<0.019	J	U	<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-17-5-102915	10/29/2015	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-17-5-020216	2/2/2016	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-17-5-050216	5/2/2016	0.00067	J		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	UJ	<0.0067	U	
		VMP-17-5-072516	7/25/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-17-5-103116	10/31/2016	0.0043	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11									
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-18	8.5 ft	VMP-18-8.5-020415	2/4/2015	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-18-8.5-050115	5/1/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-18-8.5-050115-DUP	5/1/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-18-8.5-072815	7/28/2015	<0.019	J	U	<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.0027	J		<0.031	U		<0.0078	U	
		VMP-18-8.5-102915	10/29/2015	<0.015	J	U	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-18-8.5-020216	2/2/2016	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-18-8.5-050516	5/5/2016	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U	UJ	<0.0064	U	
		VMP-18-8.5-072516	7/25/2016	<0.018	U		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		0.0019	J		<0.03	U		<0.0076	U	
		VMP-18-8.5-102516	10/26/2016	<0.031	U		<0.016	U		<0.012	U		<0.021	U		<0.026	U		<0.012	U		<0.052	U		<0.013	U	
VMP-19	5 ft	VMP-19-5-020415	2/4/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-19-5-050115	5/1/2015	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-19-5-072815	7/28/2015	<0.019	J	U	<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.0022	J		<0.031	U		<0.0078	U	
		VMP-19-5-102615	10/26/2015	0.022			<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-19-5-020216	2/2/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-19-5-050616	5/6/2016	0.00084	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0041	J		<0.029	U	UJ	<0.0072	U	
		VMP-19-5-072816	7/28/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0034	J		<0.03	U		<0.0075	U	
		VMP-19-5-102516	10/26/2016	0.0051	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
VMP-20	5 ft	VMP-20-5-012715	1/27/2015	<0.016	U		<0.0079	U		<0.0058	J	U	<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-20-5-042715	4/27/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-20-5-072015	7/20/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	ND,UJ	UJ	<0.0073	U	
		VMP-20-5-102015	10/20/2015	0.0035	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-20-5-021616	2/16/2016	<0.02	J	U	<0.01	U		<0.0075	U		<0.014	U		<0.017	U		<0.008	U		<0.034	U		<0.0084	U	
		VMP-20-5-042516	4/25/2016	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-20-5-072216	7/22/2016	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-20-5-102616	10/26/2016	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
	10 ft	VMP-20-10-012715	1/27/2015	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-20-10-012715-DUP	1/27/2015	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-20-10-042715	4/27/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-20-10-072015	7/20/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	ND,UJ	UJ	<0.0068	U	
		VMP-20-10-102015	10/20/2015	<0.014	J	U	<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-20-10-102015-DUP	10/20/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-20-10-021616	2/16/2016	<0.015	J	U	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-20-10-042516	4/25/2016	0.0075	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-20-10-072216	7/22/2016	0.0079	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.0017	J		<0.029	U		<0.0073	U	
		VMP-20-10-102616	10/26/2016	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
	25 ft	VMP-20-25-012715	1/27/2015	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-20-25-042715	4/27/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-20-25-072015	7/20/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	ND,UJ	UJ	<0.007	U	
		VMP-20-25-102015	10/20/2015	<0.015	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		0.0017	J	
		VMP-20-25-020216	2/2/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
		VMP-20-25-042516	4/25/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-20-25-072216	7/22/2016	0.072			<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-20-25-102616	10/26/2016	0.0027	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
	39.5 ft	VMP-20-39.5-042715	4/27/2015	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	ND,UJ	UJ
		VMP-20-39.5-042715-DUP	4/27/2015	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	ND,UJ	UJ
		VMP-20-39.5-072015	7/20/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	ND,UJ	UJ	<0.0068	U	
		VMP-20-39.5-072015-DUP	7/20/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	ND,UJ	UJ	<0.007	U	
		VMP-20-39.5-012715	1/27/2015	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
		VMP-20-39.5-102015	10/20/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-20-39.5-020216	2/2/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-20-39.5-020216-DUP	2/2/2016	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
VMP-21	5 ft	VMP-21-5-012715	1/27/2015	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-21-5-042715	4/27/2015	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	ND,UJ	UJ
		VMP-21-5-072015	7/20/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	ND,UJ	UJ	<0.0071	U	
		VMP-21-5-102315	10/23/2015	0.0015	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-21-5-012616	1/26/2016	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-21-5-042716	4/27/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-21-5-072616	7/26/2016	0.0037	J		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-21-5-102416	10/24/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
	10 ft	VMP-21-10-012715	1/27/2015	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-21-10-042715	4/27/2015	<0.018	J	U	<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	ND,UJ	UJ
		VMP-21-10-072015	7/20/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	ND,UJ	UJ	<0.007	U	
		VMP-21-10-102315	10/23/2015	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-21-10-012616	1/26/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-21-10-042716	4/27/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-21-10-072616	7/26/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-21-10-102416	10/24/2016	<0.031	U		<0.016	U		<0.011	U		<0.021	U		<0.026	U		<0.012	U		<0.051	U		<0.013	U	
	25 ft	VMP-21-25-012715	1/27/2015	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0015	J		<0.028	U		<0.0069	U	
		VMP-21-25-042715	4/27/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	ND,UJ	UJ
		VMP-21-25-072015	7/20/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	ND,UJ	UJ	<0.007	U	
		VMP-21-25-102315	10/23/2015	0.001	J		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-21-25-012616	1/26/2016	<0.017	U		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-21-25-042716	4/27/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0012	J		<0.027	U		<0.0068	U	
		VMP-21-25-072616	7/26/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0017	J		<0.027	U		<0.0068	U	
		VMP-21-25-102416	10/24/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.00089	J		<0.026	U		<0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-012715	1/27/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-21-33-072015	7/20/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	ND,UJ	UJ	<0.0073	U	
		VMP-21-33-102315	10/23/2015	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-21-33-102315-DUP	10/23/2015	<0.036	J	U	<0.018	U		<0.013	U		<0.024	U		<0.03	U		<0.014	U		<0.059	U		<0.015	U	
		VMP-21-33-042716	4/27/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-21-33-072616	7/26/2016	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-21-33-102416	10/24/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
VMP-22	5 ft	VMP-22-5-012715	1/27/2015	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-22-5-042715	4/27/2015	<0.031	J	U	<0.016	U		<0.012	U		<0.022	U		<0.027	U		<0.012	U		<0.052	U		<0.013	ND,UJ	UJ
		VMP-22-5-072015	7/20/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	ND,UJ	UJ	<0.0068	U	
		VMP-22-5-012616	1/26/2016	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-22-5-042616	4/26/2016	0.0011	J		<0.011	U		<0.008	U		<0.015	U		<0.018	U		<0.0084	U		<0.036	U		<0.009	U	
		VMP-22-5-072216	7/22/2016	<0.019	U		<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		0.0022	J		<0.032	U		<0.0079	U	
		VMP-22-5-102716	10/27/2016	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
	10 ft	VMP-22-10-012715	1/27/2015	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-22-10-042715	4/27/2015	0.011	J		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	ND,UJ	UJ
		VMP-22-10-072015	7/20/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	ND,UJ	UJ	<0.0067	U	
		VMP-22-10-102315	10/23/2015	0.0013	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-22-10-012616	1/26/2016	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-22-10-042616	4/26/2016	0.0008	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-22-10-072216	7/22/2016	0.0092	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0014	J		<0.028	U		<0.0071	U	
		VMP-22-10-102716	10/27/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
	18 ft	VMP-22-18-012715	1/27/2015	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.017			<0.025	U		<0.0064	U	
		VMP-22-18-012715-DUP	1/27/2015	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.018			<0.026	U		<0.0064	U	
		VMP-22-18-042715	4/27/2015	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.059			<0.025	U		<0.0063	ND,UJ	UJ
		VMP-22-18-072015	7/20/2015	<0.021	J	U	<0.011	U		<0.0078	U		<0.014	U		<0.018	U		0.07			<0.035	ND,UJ	UJ	<0.0087	U	
		VMP-22-18-102315	10/23/2015	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.029			<0.027	U		<0.0068	U	
		VMP-22-18-012616	1/26/2016	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.029			<0.028	U		<0.007	U	
		VMP-22-18-042616	4/26/2016	0.0014	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.018			<0.028	U		<0.0071	U	
		VMP-22-18-072216	7/22/2016	0.0033	J		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.027			<0.028	U		<0.007	U	
		VMP-22-18-102716	10/27/2016	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.025			<0.029	U		<0.0072	U	
	38 ft	VMP-22-38-012715	1/27/2015	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0019	J		<0.026	U		<0.0066	U	
		VMP-22-38-042715	4/27/2015	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0021	J		<0.024	U		<0.0062	ND,UJ	UJ
		VMP-22-38-042715-DUP	4/27/2015	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0022	J		<0.026	U		0.0028	J	J
		VMP-22-38-072015	7/20/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0036	J		<0.03	ND,UJ	UJ	<0.0075	U	
		VMP-22-38-072015-DUP	7/20/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0038	J		<0.028	ND,UJ	UJ	<0.0071	U	
		VMP-22-38-102315	10/23/2015	0.0012	J		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.0056	J		<0.028	U		<0.0069	U	
		VMP-22-38-012616-DUP	1/26/2016	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.011			<0.027	U		<0.0067	U	
		VMP-22-38-042616	4/26/2016	<0.019	U		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.0047	J		<0.032	U		<0.008	U	
		VMP-22-38-072216	7/22/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0039	J		<0.029	U		<0.0072	U	
		VMP-22-38-072216-DUP	7/22/2016	0.0034	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.003	J		<0.028	U		<0.0071	U	
		VMP-22-38-102716	10/27/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0024	J		<0.028	U		<0.007	U	
		VMP-22-38-102716-Dup	10/27/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.002	J		<0.026	U		<0.0065	U	
VMP-23	5 ft	VMP-23-5-012715	1/27/2015	0.0078	J		<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.008	U	
		VMP-23-5-042715	4/27/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0027	J		<0.027	U		<0.0068	ND,UJ	UJ
		VMP-23-5-072015	7/20/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0067			<0.027	ND,UJ	UJ	<0.0068	U	
		VMP-23-5-102615	10/26/2015	0.0012	J		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-23-5-012516	1/25/2016	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-23-5-062816	6/28/2016	<0.02	U		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		0.008			<0.033	U		<0.0082	U	
		VMP-23-5-072216	7/22/2016	0.008	J		<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		0.0023	J		<0.031	U		<0.0077	U	
		VMP-23-5-101916	10/19/2016	0.0017	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.003	J		<0.026	U		<0.0066	U	
	10 ft	VMP-23-10-012715	1/27/2015	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0033	J		<0.024	U		<0.0062	U	
		VMP-23-10-042715	4/27/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0046	J		<0.029	U		<0.0074	ND,UJ	UJ
		VMP-23-10-072015	7/20/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.015			<0.027	ND,UJ	UJ	<0.0068	U	
		VMP-23-10-102615	10/26/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0031	J		<0.027	U		<0.0068	U	
		VMP-23-10-012516	1/25/2016	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0021	J		<0.025	U		<0.0063	U	
		VMP-23-10-062816	6/28/2016	<0.019	U		0.0049	J		<0.007	U		<0.013	U		<0.016	U		0.027			<0.031	U		<0.0079	U	
		VMP-23-10-072216	7/22/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0017	J		<0.03	U		<0.0076	U	
		VMP-23-10-101916	10/19/2016	0.0018	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
	25 ft	VMP-23-25-012715	1/27/2015	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.011			<0.025	U		<0.0063	U	
		VMP-23-25-042715	4/27/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.019			<0.029	U		<0.0072	ND,UJ	UJ
		VMP-23-25-072015	7/20/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.027			<0.028	ND,UJ	UJ	<0.0071	U	
		VMP-23-25-102615	10/26/2015	0.0012	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.018			<0.028	U		<0.007	U	
		VMP-23-25-012516	1/25/2016	<0.018	J	U	<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.015			<0.029	U		<0.0073	U	
		VMP-23-25-062816	6/28/2016	<0.018	U		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		0.011			<0.03	U		<0.0076	U	
		VMP-23-25-072216	7/22/2016	0.0052	J		<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		0.0045	J		<0.03	U		<0.0076	U	
		VMP-23-25-101916	10/19/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.015			0.0048	J		<0.0073	U	
	40 ft	VMP-23-40-012715	1/27/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0032	J		<0.028	U		<0.0071	U	
		VMP-23-40-042715	4/27/2015	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.0033	J		<0.031	U		<0.0079	U	
		VMP-23-40-072015	7/20/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0032	J		0.0038	J	J	<0.0068	U	
		VMP-23-40-102615	10/26/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0024	J		<0.026	U		<0.0065	U	
		VMP-23-40-102615-DUP	10/26/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0029	J		<0.027	U		<0.0068	U	
		VMP-23-40-012516	1/25/2016	<0.015	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0033	J		<0.024	U		<0.0061	U	
		VMP-23-40-072216	7/22/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0019	J		<0.028	U		<0.0071	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-020215	2/2/2015	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-24-5-042715	4/27/2015	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
		VMP-24-5-072115	7/21/2015	0.017			<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		0.0032	J		<0.0068	U	
		VMP-24-5-102915	10/29/2015	0.034			<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-24-5-012716	1/27/2016	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-24-5-042916	4/29/2016	0.0014	J		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-24-5-072716	7/27/2016	<0.018	J	U	<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	ND,UJ	UJ	<0.0077	U	
		VMP-24-5-102816	10/28/2016	<0.013	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		0.0013	J		<0.022	U		<0.0056	U	
	10 ft	VMP-24-10-020215	2/2/2015	<0.014	J	U	<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-24-10-042715	4/27/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-24-10-072115	7/21/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-24-10-102915	10/29/2015	0.0053	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-24-10-012716	1/27/2016	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-24-10-042916	4/29/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-24-10-072716	7/27/2016	0.0042	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	ND,UJ	UJ	<0.0072	U	
		VMP-24-10-102816	10/28/2016	<0.013	U		<0.0065	U		<0.0048	U		<0.0088	U		<0.011	U		<0.005	U		<0.021	U		<0.0054	U	
	22 ft	VMP-24-22-020215	2/2/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-24-22-042715	4/27/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-24-22-072115	7/21/2015	<0.016	J	UJ	<0.0083	U	UJ	<0.0061	U	UJ	<0.011	U	UJ	<0.014	U	UJ	<0.0064	U	UJ	<0.027	U	UJ	<0.0068	U	UJ
		VMP-24-22-082415	8/24/2015	<0.018	J	U	<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-24-22-082415-DUP	8/24/2015	0.0061	J		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-24-22-102915	10/29/2015	0.012	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-24-22-012716	1/27/2016	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-24-22-042916	4/29/2016	0.0018	J		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-24-22-072716	7/27/2016	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	ND,UJ	UJ	<0.0075	U	
		VMP-24-22-102816	10/28/2016	0.0047	J		<0.0069	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.023	U		<0.0057	U	
	34 ft	VMP-24-34-020215	2/2/2015	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-24-34-020215-DUP	2/2/2015	<0.014	J	U	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-24-34-042715	4/27/2015	<0.022	U		<0.011	U		<0.0081	U		<0.015	U		<0.018	U		<0.0086	U		<0.036	U		<0.0091	U	
		VMP-24-34-072115	7/21/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-24-34-072115-DUP	7/21/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-24-34-102915	10/29/2015	0.0055	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-24-34-012716	1/27/2016	<0.019	J	U	<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-24-34-042916	4/29/2016	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-24-34-072716	7/27/2016	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	ND,UJ	UJ	<0.007	U	
		VMP-24-34-072716-DUP	7/27/2016	0.0063	J		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	ND,UJ	UJ	<0.0057	U	
		VMP-24-34-102816	10/28/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-24-34-102816-Dup	10/28/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
VMP-25	5 ft	VMP-25-5-021115	2/11/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-25-5-050715	5/7/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-25-5-073015	7/30/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0017	J		<0.028	U		<0.0071	U	
		VMP-25-5-110515	11/5/2015	<0.016	J	U	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.0016	J		<0.027	U		<0.0067	U	
		VMP-25-5-021616	2/16/2016	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-25-5-050416	5/4/2016	0.015	J		<0.15	U		<0.11	U		<0.21	U		<0.26	U		<0.12	U		<0.5	U	UJ	<0.13	U	
		VMP-25-5-080316	8/3/2016	0.0016	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.0036	J		<0.032	U		<0.008	U	
		VMP-25-5-103116	10/31/2016	0.0025	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
	21 ft	VMP-25-21-021115	2/11/2015	<1.9	U		<3.9	U		<2.8	U		<5.3	U		<6.5	U		<3	U		<5.1	U		<3.2	U	
		VMP-25-21-050715	5/7/2015	2	J		<7.6	U		<5.5	U		<10	U		<13	U		<5.9	U		<25	U		<6.2	U	
		VMP-25-21-073015	7/30/2015	<1	U		<2	U		<1.5	U		<2.7	U		<3.4	U		<1.6	U		<2.6	U		<1.7	U	
		VMP-25-21-110515	11/5/2015	<0.89	U		<1.8	U		<1.3	U		<2.4	U		<3	U		<1.4	U		<2.4	U		<1.5	U	UJ
		VMP-25-21-050416	5/4/2016	<0.047	U		<0.095	U		<0.07	U		<0.13	U		<0.16	U		<0.074	U		<0.12	U		<0.078	U	
		VMP-25-21-080316	8/3/2016	0.0012	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0018	J		<0.029	U		<0.0073	U	
		VMP-25-21-103116	10/31/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-25-21-103116-Dup	10/31/2016	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
	31 ft	VMP-25-31-021115	2/11/2015	<1.8	U		<3.7	U		<2.7	U		<5	U		<6.2	U		<2.9	U		<4.9	U		<3	U	
		VMP-25-31-021115-DUP	2/11/2015	<1.8	U		<3.7	U		<2.7	U		<5	U		<6.2	U		<2.8	U		<4.8	U		<3	U	
		VMP-25-31-050715	5/7/2015	1.9	J		<10	U		<7.5	U		<14	U		<17	U		<7.9	U		<34	U		<8.4	U	
		VMP-25-31-050715-DUP	5/7/2015	2.7	J		<9.9	U		<7.2	U		<13	U		<16	U		<7.7	U		<32	U		<8.1	U	
		VMP-25-31-073015	7/30/2015	<1.2	U		<2.4	U		<1.7	U		<3.2	U		<4	U		<1.8	U		<3.1	U		<2	U	
		VMP-25-31-073015-DUP	7/30/2015	<1	U		<2.1	U		<1.5	U		<2.8	U		<3.5	U		<1.6	U		<2.7	U		<1.7	U	
		VMP-25-31-110515	11/5/2015	<0.84	U		<1.7	U		<1.2	U		<2.3	U		<2.9	U		<1.3	U		<2.2	U		<1.4	U	UJ
		VMP-25-31-021616	2/16/2016	0.49	J		<2.6	U		<1.9	U		<3.5	U		<4.3	U		<2	U		<3.4	U		<2.1	U	
		VMP-25-31-021616-DUP	2/16/2016	<2	U		<4	U		<2.9	U		<5.4	U		<6.8	U		<3.1	U		<5.3	U		<3.3	U	
		VMP-25-31-050416	5/4/2016	<8.7	U		<4.4	U		<3.2	U		<6	U		<7.4	U		<3.4	U		<14	U		<3.6	U	
		VMP-25-31-080316	8/3/2016	0.014	J		<0.17	U		<0.12	U		<0.23	U		<0.28	U		<0.13	U		<0.56	U		<0.14	U	
		VMP-25-31-080316-DUP	8/3/2016	0.017	J		<0.15	U		<0.11	U		<0.2	U		<0.25	U		<0.12	U		<0.49	U		<0.12	U	
		VMP-25-31-103116	10/31/2016	<0.15	U		<0.076	U		<0.056	U		<0.1	U		<0.13	U		<0.059	U		<0.1	U		<0.063	U	
VMP-29	10 ft	VMP-29-10-020515	2/5/2015	0.0044	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-29-10-050615	5/6/2015	0.012	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		0.0022	J	J	<0.0074	U	
		VMP-29-10-072715	7/27/2015	0.017			<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-29-10-103015	10/30/2015	0.0069	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-29-10-012716	1/27/2016	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-29-10-050216	5/2/2016	0.01	J		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-29-10-072816	7/28/2016	0.058			<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-29-10-120916	12/9/2016	0.0087	J		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11									
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	20 ft	VMP-29-20-020515	2/5/2015	0.0071	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-29-20-050615	5/6/2015	0.011	J		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-29-20-072715	7/27/2015	0.0096	J		<0.011	U		<0.0082	U		<0.015	U		<0.019	U		<0.0087	U		<0.037	U		<0.0092	U	
		VMP-29-20-103015	10/30/2015	<0.017	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
	18 ft	VMP-29-20-020416-R	2/4/2016	0.0095	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-29-20-050216	5/2/2016	0.022			<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		0.0048	J		<0.0068	U	
		VMP-29-20-072816	7/28/2016	0.081			<0.018	U		<0.013	U		<0.024	U		<0.03	U		<0.014	U		<0.058	U		<0.014	U	
		VMP-29-18-110316	11/3/2016	0.086			<0.016	U		<0.012	U		<0.022	U		<0.028	U		<0.013	U		<0.054	U		<0.014	U	
	26 ft	VMP-29-30-020615	2/6/2015	0.0058	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-29-30-050615	5/6/2015	0.0078	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-29-30-050615-DUP	5/6/2015	0.003	J		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-29-30-080315	8/3/2015	0.011	J		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-29-30-103015	10/30/2015	0.0039	J		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.002	J		0.0032	J		<0.0062	U	
		VMP-29-30-012716	1/27/2016	0.014	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-29-30-050216	5/2/2016	0.017	J		<0.03	U		<0.022	U		<0.041	U		<0.051	U		<0.024	U		<0.1	U		<0.025	U	
		VMP-29-30-072816	7/28/2016	0.069			<0.021	U		<0.015	U		<0.028	U		<0.034	U		<0.016	U		<0.068	U		<0.017	U	
		VMP-29-26-110316	11/3/2016	0.05			<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-29-26-110316-Dup	11/3/2016	0.049			<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
VMP-30	10 ft	VMP-30-10-020615	2/6/2015	0.003	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-30-10-050515	5/5/2015	<0.014	J	U	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-30-10-072715	7/27/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		0.0032	J		<0.0067	U	
		VMP-30-10-103015	10/30/2015	0.0073	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		0.0026	J		<0.0065	U	
		VMP-30-10-020416	2/4/2016	0.0013	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-30-10-050216	5/2/2016	0.0032	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	UJ	<0.0067	U	
		VMP-30-10-072816	7/28/2016	0.056	J		<0.035	U		<0.025	U		<0.047	U		<0.058	U		<0.027	U		<0.11	U		<0.028	U	
		VMP-30-10-110316	11/3/2016	0.007	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
	18 ft	VMP-30-20-020615	2/6/2015	0.012	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-30-20-050515	5/5/2015	0.0049	J		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-30-20-072715	7/27/2015	0.04	J		<0.021	U		<0.015	U		<0.028	U		<0.035	U		<0.016	U		0.0068	J		<0.017	U	
		VMP-30-20-103015	10/30/2015	0.023			<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-30-20-012716	1/27/2016	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-30-20-050216	5/2/2016	0.0051	J		<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U	UJ	<0.0078	U	
		VMP-30-20-072816	7/28/2016	0.084			<0.038	U		<0.028	U		<0.052	U		<0.064	U		<0.03	U		<0.12	U		<0.032	U	
		VMP-30-18-110316	11/3/2016	0.012	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0015	J		<0.027	U		<0.0068	U	
	26 ft	VMP-30-30-020615	2/6/2015	0.01	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-30-30-050515	5/5/2015	0.0056	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-30-30-050515-DUP	5/5/2015	0.0058	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-30-30-072715	7/27/2015	0.055			<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		0.0034	J		<0.0076	U	
		VMP-30-30-103015	10/30/2015	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		0.0038	J		<0.0062	U	
		VMP-30-30-012716	1/27/2016	0.016			<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-30-30-050216	5/2/2016	0.016	J		<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U	UJ	<0.0078	U	
		VMP-30-30-072816	7/28/2016	0.14	J		<0.076	U		<0.056	U		<0.1	U		<0.13	U		<0.059	U		<0.25	U		<0.063	U	
		VMP-30-30-072816-DUP	7/28/2016	0.11	J		<0.06	U		<0.044	U		<0.082	U		<0.1	U		<0.047	U		<0.2	U		<0.05	U	
		VMP-30-26-110316	11/3/2016	0.029			<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
VMP-32	5 ft	VMP-32-5-021015	2/10/2015	<0.013	U		<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		<0.005	U		<0.021	U		<0.0053	U	
		VMP-32-5-073115	7/31/2015	<0.017	J	UJ	<0.0088	U	UJ	<0.0064	U	UJ	<0.012	U	UJ	<0.015	U	UJ	<0.0068	U	UJ	<0.029	U	UJ	<0.0072	U	UJ
		VMP-32-5-082415	8/24/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-32-5-110415	11/4/2015	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-32-5-012616	1/26/2016	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-32-5-042716	4/27/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0016	J		<0.028	U		<0.0071	U	
		VMP-32-5-072616	7/26/2016	0.0035	J		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		0.0056	J		<0.03	ND,UJ	UJ	<0.0075	U	
		VMP-32-5-102716	10/27/2016	0.0088	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0031	J		<0.025	U		<0.0063	U	
	10 ft	VMP-32-10-021015	2/10/2015	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-32-10-051115	5/11/2015	0.0021	J	J	<0.0099	U	UJ	<0.0073	U	UJ	<0.013	U	UJ	<0.017	U	UJ	<0.0077	U	UJ	<0.033	U	UJ	<0.0082	U	UJ
		VMP-32-10-052915-R	5/29/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	ND,UJ	UJ	<0.0073	U	
		VMP-32-10-110415	11/4/2015	0.0018	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0042	J		<0.028	U		<0.007	U	
		VMP-32-10-012616	1/26/2016	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0043	J		<0.027	U		<0.0068	U	
		VMP-32-10-042716	4/27/2016	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0057	J		<0.026	U		<0.0064	U	
		VMP-32-10-072616	7/26/2016	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0096			<0.027	ND,UJ	UJ	<0.0068	U	
		VMP-32-10-102716	10/27/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0079			<0.027	U		<0.0067	U	
	20 ft	VMP-32-20-021015	2/10/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-32-20-051115	5/11/2015	<0.017	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-32-20-080315	8/3/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-32-20-110415	11/4/2015	0.01	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		0.0033	J		<0.0068	U	
		VMP-32-20-110415-DUP	11/4/2015	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-32-20-021616	2/16/2016	<0.014	J	U	<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-32-20-042716	4/27/2016	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-32-20-082616-R	8/29/2016	0.0035	J		<0.011	U		<0.008	U		<0.015	U		<0.018	U		<0.0084	U		<0.036	U		<0.009	U	
		VMP-32-20-102716	10/27/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11									
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	30 ft	VMP-32-30-021015	2/10/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-32-30-050515	5/5/2015	0.0012	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0021	J		<0.027	U		<0.0068	U	
		VMP-32-30-073115	7/31/2015	0.13		J	<0.0088	U	UJ	<0.0064	U	UJ	<0.012	U	UJ	<0.015	U	UJ	<0.0068	U	UJ	<0.029	U	UJ	<0.0072	U	UJ
		VMP-32-30-073115-DUP	7/31/2015	<0.019	J	UJ	<0.0098	U	UJ	<0.0072	U	UJ	<0.013	U	UJ	<0.016	U	UJ	<0.0076	U	UJ	<0.032	U	UJ	<0.008	U	UJ
		VMP-32-30-082415	8/24/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-32-30-082415-DUP	8/24/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-32-30-110415	11/4/2015	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		0.0019	J		0.004	J		<0.03	U		<0.0075	U	
		VMP-32-30-020216	2/2/2016	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-32-30-042716	4/27/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-32-30-072616	7/26/2016	0.0087	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0092			<0.029	ND,UJ	UJ	<0.0073	U	
		VMP-32-30-102716	10/27/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.002	J		<0.027	U		<0.0069	U	
VMP-41	10 ft	VMP-41-10-020415	2/4/2015	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-41-10-020415-DUP	2/4/2015	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-41-10-043015	4/30/2015	<0.018	J	U	<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-41-10-072815	7/28/2015	0.004	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		0.0028	J		<0.007	U	
		VMP-41-10-110215	11/2/2015	0.0023	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-41-10-012716	1/27/2016	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-41-10-050216	5/2/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-41-10-072816	7/28/2016	0.0052	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-41-10-102416	10/24/2016	<0.019	U		<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
	20 ft	VMP-41-20-020415	2/4/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-41-20-043015	4/30/2015	<0.097	U		<0.2	U		<0.14	U		<0.26	U		<0.33	U		<0.15	U		<0.26	U		<0.16	U	
		VMP-41-20-072815	7/28/2015	<0.018	J	U	<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-41-20-110215	11/3/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		0.0025	J		<0.0071	U	
		VMP-41-20-012716	1/27/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-41-20-050216	5/2/2016	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.0061	U	
		VMP-41-20-072816	7/28/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-41-20-102416	10/24/2016	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
	26 ft	VMP-41-30-020415	2/4/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-41-30-043015	4/30/2015	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-41-30-043015-DUP	4/30/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-41-30-110215	11/2/2015	0.0089	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-41-30-110215-DUP	11/2/2015	0.0037	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		0.0027	J	J	<0.007	U	
		VMP-41-30-012716	1/27/2016	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-41-30-012716-DUP	1/27/2016	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-41-30-050216	5/2/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-41-30-072816	7/28/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-41-30-072816-DUP	7/28/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-41-26-102416	10/24/2016	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-41-30-072815	7/28/2015	<0.02	J	U	<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0077	U		<0.033	U		<0.0082	U	
VMP-42	10 ft	VMP-42-10-020315	2/3/2015	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.0019	J		<0.026	U		<0.0066	U	
		VMP-42-10-042915	4/29/2015	0.0037	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-42-10-072115	7/21/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-42-10-102715	10/27/2015	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	J	U	<0.025	U		<0.0063	U	
		VMP-42-10-020116	2/1/2016	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-42-10-042616	4/26/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-42-10-072616	7/26/2016	0.0042	J		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-42-10-102716	10/27/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
	20 ft	VMP-42-20-020315	2/3/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0051	J		<0.03	U		<0.0074	U	
		VMP-42-20-042915	4/29/2015	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0036	J		<0.03	U		<0.0076	U	
		VMP-42-20-072115	7/21/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	J	U	<0.027	U		<0.0067	U	
		VMP-42-20-102715	10/27/2015	<0.019	J	U	<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.014			<0.031	U		<0.0079	U	
		VMP-42-20-020116	2/1/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0086			<0.027	U		<0.0068	U	
		VMP-42-20-042616	4/26/2016	0.0013	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0048	J		<0.029	U		<0.0073	U	
		VMP-42-20-072616	7/26/2016	0.005	J		<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		0.0066	J		<0.031	U		<0.0077	U	
		VMP-42-20-102676	10/27/2016	<0.017	U		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.012			<0.028	U		<0.0069	U	
	30 ft	VMP-42-30-020315	2/3/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.002	J		<0.029	U		<0.0072	U	
		VMP-42-30-042915	4/29/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-42-30-080315	8/3/2015	<0.017	J	U	<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	J	U	<0.028	U		<0.0069	U	
		VMP-42-30-080315-DUP	8/3/2015	0.0089	J		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.0023	J		0.0063	J		<0.0067	U	
		VMP-42-30-102715	10/27/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0055	J		<0.026	U		<0.0065	U	
		VMP-42-30-020116	2/1/2016	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0038	J		<0.028	U		<0.007	U	
		VMP-42-30-042616	4/26/2016	<0.02	U		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		0.002	J		<0.033	U		<0.0082	U	
		VMP-42-30-072616	7/26/2016	0.0026	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-42-30-102716	10/27/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0025	J		<0.027	U		<0.0069	U	
		VMP-42-30-102716-Dup	10/27/2016	0.0087	J		<0.016	U		<0.012	U		<0.022	U		<0.027	U		0.0028	J		<0.052	U		<0.013	U	
VMP-43	10 ft	VMP-43-10-021015	2/10/2015	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
		VMP-43-10-050515	5/5/2015	0.0023	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-43-10-072115	7/21/2015	0.0059	J		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0014	J		0.0028	J		<0.007	U	
		VMP-43-10-102915	10/29/2015	<0.019	J	U	<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		0.0047	J		<0.032	U		<0.008	U	
		VMP-43-10-020116	2/1/2016	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-43-10-042716	4/27/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-43-10-072716	7/27/2016	0.016	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0011	J		<0.027	ND,UJ	UJ	<0.0067	U	
		VMP-43-10-102616	10/26/2016	0.003	J		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		0.0036	J		<0.024	U		<0.0059	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11									
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	20 ft	VMP-43-20-021215	2/12/2015	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-43-20-021215-DUP	2/12/2015	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-43-20-050515	5/5/2015	0.0018	J		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-43-20-072115	7/21/2015	<0.021	J	U	<0.01	U		<0.0077	U		<0.014	U		<0.018	U		0.012			<0.035	U		<0.0087	U	
		VMP-43-20-102915	10/29/2015	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0066			<0.025	U		<0.0062	U	
		VMP-43-20-102915-DUP	10/29/2015	0.0072	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0072			0.0034	J		<0.0061	U	
		VMP-43-20-020116	2/1/2016	<0.026	J	U	<0.013	U		<0.0097	U		<0.018	U		<0.022	U		0.0029	J		<0.044	U		<0.011	U	
		VMP-43-20-042716	4/27/2016	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-43-20-072716	7/27/2016	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	ND,UJ	UJ	<0.0076	U	
		VMP-43-20-102616	10/26/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0034	J		<0.027	U		<0.0068	U	
	30 ft	VMP-43-30-050515	5/5/2015	0.002	J		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-43-30-050515-DUP	5/5/2015	0.0015	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0015	J		<0.027	U		<0.0067	U	
		VMP-43-30-072115	7/21/2015	0.0043	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0069			<0.028	U		<0.007	U	
		VMP-43-30-102915	10/29/2015	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0034	J		<0.025	U		<0.0063	U	
		VMP-43-30-020116	2/1/2016	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.00099	J		<0.028	U		<0.0071	U	
		VMP-43-30-042716	4/27/2016	0.002	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-43-30-042716-DUP	4/27/2016	0.0075	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		0.007	J		<0.0073	U	
		VMP-43-30-072716	7/27/2016	0.0037	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0014	J		<0.029	ND,UJ	UJ	<0.0074	U	
		VMP-43-30-102616	10/26/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0039	J		<0.027	U		<0.0067	U	
		VMP-43-30-102616-Dup	10/26/2016	0.0033	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0039	J		<0.028	U		<0.0071	U	
VMP-44	10 ft	VMP-44-10-020415	2/4/2015	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-44-10-050115	5/1/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-44-10-072415	7/24/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0033	J		<0.03	U		<0.0075	U	
		VMP-44-10-102815	10/28/2015	0.0091	J		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	J	U	0.003	J		<0.0078	U	
		VMP-44-10-012516	1/25/2016	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-44-10-042816	4/28/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-44-10-072716	7/27/2016	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.004	J		<0.03	ND,UJ	UJ	<0.0074	U	
		VMP-44-10-102716	10/27/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0064	J		<0.027	U		<0.0068	U	
	20 ft	VMP-44-20-020415	2/4/2015	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-44-20-051115	5/11/2015	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-44-20-072415	7/24/2015	0.018			<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	J	U	<0.027	U		<0.0067	U	
		VMP-44-20-102815	10/28/2015	0.028			<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0037	J		<0.028	U		<0.007	U	
		VMP-44-20-020216-R	2/2/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-44-20-042816	4/28/2016	<0.02	U		<0.01	U		<0.0074	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		<0.0083	U	
		VMP-44-20-072716	7/27/2016	<0.02	J	U	<0.01	U		<0.0075	U		<0.014	U		<0.017	U		0.0039	J		<0.034	ND,UJ	UJ	<0.0085	U	
		VMP-44-20-102716	10/27/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.013			<0.027	U		<0.0068	U	
	30 ft	VMP-44-30-020415	2/4/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-44-30-051115	5/11/2015	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-44-30-072415	7/24/2015	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	J	U	0.0022	J	J	<0.0064	U	
		VMP-44-30-102815	10/28/2015	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.0036	J		<0.031	U		<0.0078	U	
		VMP-44-30-012516	1/25/2016	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-44-30-050516	5/5/2016	0.0056	J		<0.011	U		<0.008	U		<0.015	U		<0.018	U		<0.0085	U		<0.036	ND,UJ	UJ	<0.009	U	
		VMP-44-30-072716	7/27/2016	<0.019	J	U	<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		0.0038	J		0.0016	J	J	<0.0079	U	
		VMP-44-30-102716	10/27/2016	0.0031	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0081			<0.026	U		<0.0064	U	
VMP-45	10 ft	VMP-45-10-020615	2/6/2015	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-45-10-051215	5/12/2015	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-45-10-072115	7/21/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-45-10-102815	10/28/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-45-10-030916-R	3/9/2016	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-45-10-042816	4/28/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-45-10-082616	8/26/2016	0.0038	J		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
		VMP-45-10-102816	10/28/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
	20 ft	VMP-45-20-020615	2/6/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-45-20-042915	4/29/2015	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-45-20-072115	7/21/2015	<0.02	J	U	<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		<0.0082	U	
		VMP-45-20-102815	10/28/2015	0.012	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-45-20-012516	1/25/2016	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-45-20-042816	4/28/2016	0.0019	J		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	
		VMP-45-20-072716	7/27/2016	<0.019	U		<0.0098	U		<0.0071	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-45-20-102816	10/28/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
	30 ft	VMP-45-30-020615	2/6/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-45-30-020615-DUP	2/6/2015	0.0022	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-45-30-042915	4/29/2015	<0.018	J	U	<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-45-30-072115	7/21/2015	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-45-30-072115-DUP	7/21/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-45-30-102815	10/28/2015	0.0091	J		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0036	J		<0.024	U		<0.0062	U	
		VMP-45-30-012516	1/25/2016	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-45-30-042816	4/28/2016	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.00091	J		<0.025	U		<0.0063	U	
		VMP-45-30-042816-DUP	4/28/2016	0.0075	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-45-30-072716	7/27/2016	0.015	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0038	J		<0.028	U		<0.0071	U	
		VMP-45-30-102816	10/28/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0074			<0.027	U		<0.0068	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11									
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-020215	2/2/2015	0.003	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-47-5-042815	4/28/2015	0.0026	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.003	J		<0.029	U		<0.0073	U	
		VMP-47-5-072115	7/21/2015	<0.019	J	U	<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.016			<0.032	U		<0.008	U	
		VMP-47-5-102715	10/27/2015	<0.019	J	U	<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-47-5-012916	1/29/2016	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-47-5-042516	4/25/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.0027	J		<0.03	U		<0.0077	U	
		VMP-47-5-072516	7/25/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.021			<0.029	U		<0.0073	U	
		VMP-47-5-102616	10/26/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0046	J		<0.028	U		<0.007	U	
	10 ft	VMP-47-10-020215	2/2/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0022	J		<0.026	U		<0.0065	U	
		VMP-47-10-042815	4/28/2015	<0.019	U		<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		0.0093			<0.031	U		<0.0078	U	
		VMP-47-10-072115	7/21/2015	<0.019	J	U	<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.1			<0.032	U		<0.008	U	
		VMP-47-10-102715	10/27/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.024			<0.029	U		<0.0072	U	
		VMP-47-10-012916	1/29/2016	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		0.0039	J		<0.025	U		<0.0062	U	
		VMP-47-10-042516	4/25/2016	<0.018	U		<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		0.024			<0.031	U		<0.0077	U	
		VMP-47-10-080216	8/2/2016	0.0061	J		<0.007	U		<0.0052	U		0.0018	J		<0.012	U		0.028			<0.023	U		<0.0058	U	
		VMP-47-10-102616	10/26/2016	0.0028	J		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.038			<0.024	U		<0.006	U	
	20 ft	VMP-47-20-020215	2/2/2015	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.003	J		<0.026	U		<0.0064	U	
		VMP-47-20-042815	4/28/2015	<0.018	U		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		0.0042	J		<0.03	U		<0.0075	U	
		VMP-47-20-072115	7/21/2015	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.027			<0.031	U		<0.0078	U	
		VMP-47-20-102715	10/27/2015	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0088			<0.026	U		<0.0066	U	
		VMP-47-20-012916	1/29/2016	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-47-20-042516	4/25/2016	<0.018	U		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		0.006	J		<0.03	U		<0.0076	U	
		VMP-47-20-072516	7/25/2016	0.0036	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.014			<0.03	U		<0.0074	U	
		VMP-47-20-102616	10/26/2016	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.0076			<0.026	U		<0.0064	U	
	30 ft	VMP-47-30-020215	2/2/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0019	J		<0.027	U		<0.0068	U	
		VMP-47-30-020215-DUP	2/2/2015	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0018	J		<0.026	U		<0.0064	U	
		VMP-47-30-042815	4/28/2015	0.002	J		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0069			<0.024	U		<0.0062	U	
		VMP-47-30-042815-DUP	4/28/2015	0.016	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.007			<0.029	U		<0.0074	U	
		VMP-47-30-072115	7/21/2015	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.039			<0.03	U		<0.0077	U	
		VMP-47-30-102715	10/27/2015	<0.014	J	U	<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.015			<0.024	U		<0.0059	U	
		VMP-47-30-102715-DUP	10/27/2015	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.014			<0.025	U		<0.0063	U	
		VMP-47-30-012916-DUP	1/29/2016	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.0025	J		<0.026	U		<0.0064	U	
		VMP-47-30-042516	4/25/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.013			<0.03	U		<0.0076	U	
		VMP-47-30-042516-DUP	4/25/2016	0.0042	J		<0.01	U		<0.0077	U		<0.014	U		<0.018	U		0.014			<0.034	U		<0.0086	U	
		VMP-47-30-072516	7/25/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.013			<0.03	U		<0.0074	U	
		VMP-47-30-102616	10/26/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.017			<0.028	U		<0.0071	U	
VMP-48	5 ft	VMP-48-5-020215	2/2/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		0.0077	J		<0.007	U	
		VMP-48-5-042815	4/28/2015	0.001	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-48-5-072115	7/21/2015	<0.019	J	U	<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.003	J		<0.031	U		<0.0077	U	
		VMP-48-5-102015	10/20/2015	0.0032	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-48-5-012916	1/29/2016	<0.02	J	U	<0.0099	U		<0.0072	U		<0.013	U		<0.017	U		<0.0077	U		<0.032	U		<0.0082	U	
		VMP-48-5-042516	4/25/2016	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-48-5-072516	7/25/2016	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.0028	J		<0.031	U		<0.0079	U	
		VMP-48-5-102616	10/26/2016	0.0026	J		<0.0071	U		0.0021	J		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
	10 ft	VMP-48-10-020215	2/2/2015	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-48-10-042815	4/28/2015	0.0012	J		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-48-10-042815-DUP	4/28/2015	0.002	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-48-10-072115	7/21/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0012	J		<0.029	U		<0.0072	U	
		VMP-48-10-102015	10/20/2015	0.0042	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-48-10-012916	1/29/2016	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-48-10-042516	4/25/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-48-10-072516	7/25/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-48-10-102616	10/26/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
	20 ft	VMP-48-20-020215	2/2/2015	<0.014	J	U	<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-48-20-042815	4/28/2015	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-48-20-102015	10/20/2015	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-48-20-042516	4/25/2016	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-48-20-102616	10/26/2016	0.0028	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
	30 ft	VMP-48-30-020215	2/2/2015	<0.012	J	U	<0.0063	U		<0.0046	U		<0.0086	U		<0.011	U		0.0014	J		<0.021	U		<0.0052	U	
		VMP-48-30-042815	4/28/2015	<0.018	J	U	0.0027	J		<0.0068	U		0.0053	J		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-48-30-080315	8/3/2015	0.0036	J		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
		VMP-48-30-102015	10/20/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-48-30-102015-DUP	10/20/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-48-30-012916	1/29/2016	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-48-30-042516	4/25/2016	<0.02	U		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0077	U		<0.033	U		<0.0082	U	
		VMP-48-30-042516-DUP	4/25/2016	0.0033	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-48-30-072516	7/25/2016	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-48-30-102616	10/26/2016	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-48-30-102616-Dup	10/26/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-020215	2/3/2015	0.0056	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-49-5-042815	4/28/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-49-5-073015	7/30/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0023	J		<0.028	U		<0.0071	U	
		VMP-49-5-110315	11/3/2015	0.0033	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-49-5-020116	2/1/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-49-5-042616	4/26/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-49-5-080116	8/1/2016	0.0046	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-49-5-102716	10/27/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
	10 ft	VMP-49-10-020215	2/3/2015	0.0037	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-49-10-042815	4/28/2015	0.0029	J		<0.012	U		<0.0085	U		<0.016	U		<0.02	U		<0.009	U		<0.038	U		<0.0096	U	
		VMP-49-10-073015	7/30/2015	<0.019	J	U	<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-49-10-110315	11/3/2015	0.0036	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-49-10-020116	2/1/2016	<0.018	U		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-49-10-042616	4/26/2016	0.25			<0.01	U		<0.0074	U		<0.014	U		<0.017	U		<0.0079	U		<0.033	U		<0.0083	U	
		VMP-49-10-080116	8/1/2016	0.0029	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-49-10-102716	10/27/2016	0.0038	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
	20 ft	VMP-49-20-020215	2/3/2015	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-49-20-073015	7/30/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-49-20-110315	11/3/2015	0.0017	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-49-20-020116	2/1/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-49-20-042616	4/26/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-49-20-080116	8/1/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-49-20-102716	10/27/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
	30 ft	VMP-49-30-020215	2/3/2015	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-49-30-042815	4/28/2015	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-49-30-073015	7/30/2015	<0.58	U		<1.2	U		<0.86	U		<1.6	U		<2	U		<0.91	U		<1.5	U		<0.97	U	
		VMP-49-30-073015-DUP	7/30/2015	<0.57	U		<1.1	U		<0.84	U		<1.6	U		<1.9	U		<0.89	U		<1.5	U		<0.94	U	
		VMP-49-30-110315	11/3/2015	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-49-30-110315-DUP	11/3/2015	0.0017	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-49-30-020116	2/1/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-49-30-020116-DUP	2/1/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-49-30-042716	4/27/2016	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-49-30-042716-DUP	4/27/2016	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-49-30-080116	8/1/2016	0.01	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-49-30-080116-DUP	8/1/2016	0.009	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-49-30-102716	10/27/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
VMP-50	5 ft	VMP-50-5-021015	2/10/2015	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-50-5-050515	5/5/2015	<0.018	U		<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-50-5-073015	7/30/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-50-5-110315	11/3/2015	0.002	J		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-50-5-020216	2/2/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-50-5-050316	5/3/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U	UJ	<0.0068	U	
		VMP-50-5-080216	8/2/2016	<0.022	U		<0.011	U		<0.0083	U		<0.015	U		<0.019	U		<0.0088	U		<0.037	U		<0.0093	U	
		VMP-50-5-103116	10/31/2016	<0.028	U		<0.014	U		<0.01	U		<0.019	U		<0.024	U		<0.011	U		<0.047	U		<0.012	U	
	10 ft	VMP-50-10-021015	2/10/2015	0.002	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0033	J		<0.026	U		<0.0064	U	
		VMP-50-10-050515	5/5/2015	0.0014	J		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0088			<0.027	U		<0.0069	U	
		VMP-50-10-073015	7/30/2015	<0.019	J	U	<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		0.022			<0.031	U		<0.0078	U	
		VMP-50-10-110315	11/3/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0096			<0.026	U		<0.0065	U	
		VMP-50-10-020216	2/2/2016	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0039	J		<0.025	U		<0.0063	U	
		VMP-50-10-050316	5/3/2016	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.01			<0.026	U	UJ	<0.0066	U	
		VMP-50-10-082616	8/26/2016	0.0022	J		<0.008	U		<0.0059	U		0.0013	J		<0.013	U		0.055			<0.026	U		<0.0066	U	
		VMP-50-10-103116	10/31/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.066			<0.027	U		<0.0068	U	
	20 ft	VMP-50-20-021015	2/10/2015	0.0025	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0066			<0.024	U		<0.0061	U	
		VMP-50-20-050515	5/5/2015	0.0019	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.012			<0.03	U		<0.0074	U	
		VMP-50-20-073015	7/30/2015	0.0041	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.02			<0.029	U		<0.0072	U	
		VMP-50-20-110315	11/3/2015	0.0041	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.016			<0.028	U		<0.0071	U	
		VMP-50-20-020216	2/2/2016	0.0019	J		<0.01	U		<0.0077	U		<0.014	U		<0.018	U		0.016			<0.034	U		<0.0086	U	
		VMP-50-20-050316	5/3/2016	0.0014	J		<0.01	U		<0.0074	U		<0.014	U		<0.017	U		0.022			<0.033	U	UJ	<0.0083	U	
		VMP-50-20-082616	8/26/2016	0.0023	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.033			<0.028	U		<0.0071	U	
		VMP-50-20-103116	10/31/2016	0.0038	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.068			<0.029	U		<0.0073	U	
	30 ft	VMP-50-30-021015	2/10/2015	<3.9	U		<2	U		<1.4	U		<2.7	U		<3.3	U		<1.5	U		<6.4	U		<1.6	U	
		VMP-50-30-050515	5/5/2015	<0.92	U		<1.8	U		<1.4	U		<2.5	U		<3.1	U		<1.4	U		<2.4	U		<1.5	U	
		VMP-50-30-061515-R	6/15/2015	<0.43	U		<0.86	U		<0.63	U		<1.2	U		<1.4	U		<0.67	U		<1.1	U		<0.71	U	
		VMP-50-30-073015	7/30/2015	<0.61	U		<1.2	U		<0.91	U		<1.7	U		<2.1	U		<0.96	U		<1.6	U		<1	U	
		VMP-50-30-110315	11/3/2015	<0.042	U		<0.085	U		<0.062	U		<0.11	U		<0.14	U		<0.066	U		<0.11	U		<0.07	U	UJ
		VMP-50-30-020216	2/2/2016	<1.3	U	UJ	<2.6	U		<1.9	U		<3.5	U		<4.3	U		<2	U		<3.4	U		<2.1	U	
		VMP-50-30-020216-DUP	2/2/2016	<1.4	U	UJ	<2.9	U		<2.1	U		<3.9	U		<4.8	U		<2.2	U		<3.8	U		<2.4	U	
		VMP-50-30-050316	5/3/2016	<0.15	U		<0.3	U		<0.22	U		<0.41	U		<0.5	U		<0.23	U		<0.4	U		<0.25	U	
		VMP-50-30-080216	8/2/2016	0.012	J		<0.089	U		<0.065	U		<0.12	U		<0.15	U		<0.069	U		<0.12	U		<0.073	U	
		VMP-50-30-103116	10/31/2016	<0.35	U		<0.18	U		<0.13	U		<0.24	U		<0.3	U		<0.14	U		<0.23	U		<0.14	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020315	2/3/2015	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-51-5-042915	4/29/2015	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-51-5-072115	7/21/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	J	U	<0.027	U		<0.0068	U	
		VMP-51-5-102815	10/28/2015	0.011	J		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		0.0047	J		<0.0078	U	
		VMP-51-5-012516	1/25/2016	<0.014	J	U	<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-51-5-042816	4/28/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-51-5-072716	7/27/2016	0.0048	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-51-5-101916	10/19/2016	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
	10 ft	VMP-51-10-020315	2/3/2015	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-51-10-042915	4/29/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-51-10-072115	7/21/2015	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.0032	J		<0.031	U		<0.0078	U	
		VMP-51-10-102815	10/28/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-51-10-012516	1/25/2016	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-51-10-042816	4/28/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-51-10-042816-DUP	4/28/2016	0.013	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-51-10-072716	7/27/2016	<0.018	U		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-51-10-101916	10/19/2016	0.0029	J		<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		0.00085	J		<0.024	U		<0.006	U	
	20 ft	VMP-51-20-020315	2/3/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0013	J		<0.026	U		<0.0065	U	
		VMP-51-20-042915	4/29/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0012	J		<0.026	U		<0.0065	U	
		VMP-51-20-072115	7/21/2015	<0.022	J	U	<0.011	U		<0.0082	U		<0.015	U		<0.019	U		0.003	J		<0.037	U		<0.0092	U	
		VMP-51-20-102815	10/28/2015	0.064			<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	J	U	<0.026	U		<0.0065	U	
		VMP-51-20-012516	1/25/2016	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-51-20-042816	4/28/2016	<0.02	U		<0.0099	U		<0.0072	U		<0.013	U		<0.017	U		<0.0077	U		<0.032	U		<0.0082	U	
		VMP-51-20-052516-R	5/25/2016	0.003	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-51-20-072716	7/27/2016	0.0056	J		<0.01	U		<0.0074	U		<0.014	U		<0.017	U		0.0013	J		<0.033	U		<0.0083	U	
		VMP-51-20-101916-Dup	10/19/2016	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0018	J		<0.026	U		<0.0066	U	
		VMP-51-20-101916	10/19/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0013	J		<0.026	U		<0.0065	U	
	30 ft	VMP-51-30-020315	2/3/2015	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.0029	J		<0.026	U		<0.0064	U	
		VMP-51-30-020315-DUP	2/3/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.003	J		<0.027	U		<0.0068	U	
		VMP-51-30-042915	4/29/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0022	J		<0.028	U		<0.0071	U	
		VMP-51-30-042915-DUP	4/29/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-51-30-072115	7/21/2015	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.0038	J		<0.026	U		<0.0066	U	
		VMP-51-30-102815	10/28/2015	<0.019	J	U	<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.014			<0.032	U		<0.008	U	
		VMP-51-30-012516	1/25/2016	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.005	J		<0.028	U		<0.0071	U	
		VMP-51-30-012516-DUP	1/25/2016	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0039	J		<0.027	U		<0.0068	U	
		VMP-51-30-042816	4/28/2016	0.00082	J		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.002	J		<0.026	U		<0.0066	U	
		VMP-51-30-072716	7/27/2016	<0.017	J	U	<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.0075			<0.028	U		<0.0069	U	
		VMP-51-30-072716-DUP	7/27/2016	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		0.0066			<0.027	U		<0.0068	U	
		VMP-51-30-101916	10/19/2016	0.0079	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0016	J		<0.029	U		<0.0072	U	
VMP-52	5 ft	VMP-52-5-020415	2/4/2015	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-52-5-042915	4/29/2015	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-52-5-072715	7/27/2015	<0.018	J	U	<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		0.0013	J		<0.03	U		<0.0076	U	
		VMP-52-5-102915	10/29/2015	0.029			<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0014	J		<0.029	U		<0.0072	U	
		VMP-52-5-012516	1/25/2016	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-52-5-042516	4/25/2016	0.0053	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-52-5-072716	7/27/2016	<0.018	J	U	<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		0.0018	J		<0.03	U		<0.0076	U	
		VMP-52-5-102716	10/27/2016	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
	10 ft	VMP-52-10-020415	2/4/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-52-10-042915	4/29/2015	<0.02	U		<0.01	U		<0.0076	U		<0.014	U		<0.017	U		<0.008	U		<0.034	U		<0.0085	U	
		VMP-52-10-072715	7/27/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0017	J		<0.028	U		<0.007	U	
		VMP-52-10-102915	10/29/2015	0.0051	J		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.00099	J		<0.031	U		<0.0077	U	
		VMP-52-10-012516	1/25/2016	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-52-10-042516	4/25/2016	0.00088	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-52-10-072716	7/27/2016	0.016	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.0013	J		0.0042	J		<0.0081	U	
		VMP-52-10-102716	10/27/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
	20 ft	VMP-52-20-020415	2/4/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0067			<0.028	U		<0.007	U	
		VMP-52-20-042915	4/29/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.012			<0.028	U		<0.0071	U	
		VMP-52-20-072715	7/27/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0057	J		<0.029	U		<0.0073	U	
		VMP-52-20-102915	10/29/2015	0.0045	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0087			<0.027	U		<0.0068	U	
		VMP-52-20-012516	1/25/2016	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.012			<0.028	U		<0.0071	U	
		VMP-52-20-042516	4/25/2016	0.00092	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.024			<0.03	U		<0.0077	U	
		VMP-52-20-072716	7/27/2016	<0.02	J	U	<0.01	U		<0.0076	U		<0.014	U		<0.017	U		0.045			<0.034	U		<0.0085	U	
		VMP-52-20-102716	10/27/2016	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.031			<0.026	U		<0.0066	U	
	30 ft	VMP-52-30-020415	2/4/2015	0.0039	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0055	J		<0.029	U		<0.0073	U	
		VMP-52-30-020415-DUP	2/4/2015	0.0036	J		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0055	J		<0.027	U		<0.0069	U	
		VMP-52-30-042915	4/29/2015	0.0026	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.015			<0.025	U		<0.0063	U	
		VMP-52-30-072715	7/27/2015	0.0035	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0077			<0.03	U		<0.0074	U	
		VMP-52-30-102915	10/29/2015	0.0029	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0079			<0.026	U		<0.0066	U	
		VMP-52-30-020216-R	2/2/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.01			<0.03	U		<0.0075	U	
		VMP-52-30-042516	4/25/2016	0.018			<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.021			<0.027	U		<0.0068	U	
		VMP-52-30-072716	7/27/2016	<0.02	J	U	<0.01	U		<0.0076	U		<0.014	U		<0.017	U		0.035			<0.034	U		<0.0085	U	
		VMP-52-30-102716	10/27/2016	0.0032	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.027			<0.03	U		<0.0077	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	5 ft	VMP-53-5-020415	2/4/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-53-5-050415	5/4/2015	<0.018	U		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-53-5-072415	7/24/2015	0.0026	J		<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.008	U	
		VMP-53-5-102815	10/28/2015	0.065			<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-53-5-012816	1/28/2016	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-53-5-042816	4/28/2016	0.0012	J		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-53-5-072916	7/29/2016	<0.02	U		<0.0099	U		<0.0072	U		<0.013	U		<0.017	U		<0.0077	U		<0.032	U		<0.0082	U	
		VMP-53-5-102516	10/25/2016	0.0014	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	ND,UJ	UJ	<0.0071	U	
		VMP-53-5-120916	12/9/2016	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
	10 ft	VMP-53-10-020415	2/4/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-53-10-050415	5/4/2015	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.002	J		<0.026	U		<0.0064	U	
		VMP-53-10-072415	7/24/2015	0.0021	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.03			<0.029	U		<0.0072	U	
		VMP-53-10-102815	10/28/2015	0.017			<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		0.0028	J		<0.0067	U	
		VMP-53-10-012816	1/28/2016	<0.02	J	U	<0.0099	U		<0.0073	U		<0.013	U		<0.017	U		<0.0077	U		<0.033	U		<0.0082	U	
		VMP-53-10-042816	4/28/2016	0.00076	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-53-10-082616	8/26/2016	0.013	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0063			<0.026	U		<0.0065	U	
		VMP-53-10-102516	10/25/2016	0.001	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	ND,UJ	UJ	<0.0072	U	
		VMP-53-10-120916	12/9/2016	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
	20 ft	VMP-53-20-020415	2/4/2015	0.0025	J		<0.018	U		<0.013	U		<0.024	U		<0.03	U		<0.014	U		<0.058	U		<0.014	U	
		VMP-53-20-050415	5/4/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-53-20-072415	7/24/2015	0.002	J		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.0037	J		<0.031	U		<0.0079	U	
		VMP-53-20-102815	10/28/2015	0.017	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-53-20-021616	2/16/2016	<0.02	J	U	<0.01	U		<0.0074	U		<0.014	U		<0.017	U		0.0065	J		<0.033	U		<0.0083	U	
		VMP-53-20-042816	4/28/2016	0.00071	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.019			<0.028	U		<0.007	U	
		VMP-53-20-072916	7/29/2016	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.045			<0.031	U		<0.0079	U	
		VMP-53-20-102516	10/25/2016	0.0027	J		<0.015	U		<0.011	U		<0.02	U		<0.025	U		0.093			<0.049	U		<0.012	U	
		VMP-53-20-120916	12/9/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.12			<0.026	U		<0.0065	U	
	30 ft	VMP-53-30-020415	2/4/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0098			<0.026	U		<0.0066	U	
		VMP-53-30-050415	5/4/2015	0.0032	J		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.0044	J		<0.031	U		<0.0078	U	
		VMP-53-30-072415	7/24/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	J	U	<0.029	U		<0.0073	U	
		VMP-53-30-102815	10/28/2015	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.0054	J		<0.03	U		<0.0077	U	
		VMP-53-30-012816	1/28/2016	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.021			<0.028	U		<0.007	U	
		VMP-53-30-042816	4/28/2016	<0.019	U		<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		0.14			<0.032	U		<0.0079	U	
		VMP-53-30-052516-R	5/25/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.19			<0.027	U		<0.0068	U	
		VMP-53-30-072916	7/29/2016	<0.013	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		0.24			<0.022	U		<0.0056	U	
		VMP-53-30-102516	10/25/2016	<0.031	U		<0.016	U		<0.012	U		<0.021	U		<0.026	U		0.26			<0.052	U		<0.013	U	
		VMP-53-30-120916	12/9/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.24			<0.03	U		<0.0074	U	
VMP-54	5 ft	VMP-54-5-020515	2/5/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-54-5-050415	5/4/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-54-5-072415	7/24/2015	<0.019	J	U	<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-54-5-102715	10/27/2015	<0.014	J	U	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-54-5-012816	1/28/2016	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-54-5-042916	4/29/2016	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-54-5-080116	8/1/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-54-5-102816	10/28/2016	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
	10 ft	VMP-54-10-020515	2/5/2015	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-54-10-050415	5/4/2015	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-54-10-072415	7/24/2015	<0.02	J	U	<0.01	U		<0.0076	U		<0.014	U		<0.017	U		<0.008	U		0.0055	J	J	<0.0085	U	
		VMP-54-10-102715	10/27/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-54-10-012816	1/28/2016	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-54-10-042916	4/29/2016	0.0014	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-54-10-080116	8/1/2016	0.005	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-54-10-102816	10/28/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
	20 ft	VMP-54-20-020515	2/5/2015	0.0028	J		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-54-20-050415	5/4/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-54-20-072415	7/24/2015	<0.019	J	U	<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-54-20-102715	10/27/2015	0.0049	J		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-54-20-102715-DUP	10/27/2015	<0.014	J	U	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-54-20-012816	1/28/2016	<0.019	J	U	<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-54-20-050516	5/5/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	UJ	<0.0067	U	
		VMP-54-20-050516-DUP	5/5/2016	0.0013	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	UJ	<0.0073	U	
		VMP-54-20-080116	8/1/2016	0.0039	J		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-54-20-102816	10/28/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
	30 ft	VMP-54-30-021215	2/12/2015	0.0033	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-54-30-050415	5/4/2015	0.0026	J		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-54-30-080315	8/3/2015	0.0044	J		<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		0.0029	J		0.0038	J		<0.008	U	
		VMP-54-30-102715	10/27/2015	0.012	J		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-54-30-012816	1/28/2016	<0.018	J	U	<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-54-30-042916	4/29/2016	0.00071	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-54-30-042916-DUP	4/29/2016	0.0012	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-54-30-080116	8/1/2016	0.0055	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.002	J		<0.028	U		<0.007	U	
		VMP-54-30-102816	10/28/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0012	J		<0.027	U		<0.0068	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-020515	2/5/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-55-5-050615	5/6/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-55-5-110215	11/2/2015	0.017	J		<0.059	U		<0.043	U		<0.08	U		<0.099	U		<0.046	U		<0.19	U		<0.049	U	
		VMP-55-5-020416	2/4/2016	<0.041	U	UJ	<0.083	U		<0.061	U		<0.11	U		<0.14	U		<0.064	U		<0.11	U		<0.068	U	
		VMP-55-5-082616	8/26/2016	0.0032	J		<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.0079	U	
	20 ft	VMP-55-20-020515	2/5/2015	<1.6	U		<0.81	U		<0.59	U		<1.1	U		<1.4	U		<0.63	U		<2.7	U		<0.67	U	
		VMP-55-20-050615	5/6/2015	1.1	J		<5.3	U		<3.9	U		<7.2	U		<8.9	U		<4.1	U		<17	U		<4.4	U	
		VMP-55-20-072915	7/29/2015	0.019	J		<0.086	U		<0.063	U		<0.12	U		<0.14	U		<0.067	U		<0.28	U		<0.071	U	
		VMP-55-20-072915-DUP	7/29/2015	0.018	J		<0.091	U		<0.067	U		<0.12	U		<0.15	U		<0.071	U		<0.3	U		<0.075	U	
		VMP-55-20-110215	11/2/2015	<1.2	U		<2.5	U		<1.8	U		<3.4	U		<4.2	U		<2	U		<3.3	U		<2.1	U	UJ
		VMP-55-20-020416	2/4/2016	<0.41	U	UJ	<0.83	U		<0.61	U		<1.1	U		<1.4	U		<0.65	U		<1.1	U		<0.68	U	
		VMP-55-20-020416-DUP	2/4/2016	<0.37	U	UJ	<0.75	U		<0.55	U		<1	U		<1.3	U		<0.58	U		<0.99	U		<0.62	U	
		VMP-55-20-050416	5/4/2016	<0.57	U		<1.1	U		<0.84	U		<1.6	U		<1.9	U		<0.89	U		<1.5	U		<0.94	U	
		VMP-55-20-080316	8/3/2016	<1.2	U		<0.58	U		<0.43	U		<0.79	U		<0.98	U		<0.45	U		<0.77	U		<0.48	U	
		VMP-55-20-110116	11/1/2016	0.82	J		<0.87	U		<0.64	U		<1.2	U		<1.4	U		<0.67	U		<2.8	U		<0.71	U	
	30 ft	VMP-55-30-030915	3/9/2015	<1.1	U		<2.2	U		<1.6	U		<2.9	U		<3.6	U		<1.7	U		<2.8	U		<1.8	U	
		VMP-55-30-050615	5/6/2015	1.4	J		<7.4	U		<5.4	U		<10	U		<12	U		<5.7	U		<24	U		<6.1	U	
		VMP-55-30-050615-DUP	5/6/2015	1.3	J		<7.4	U		<5.4	U		<10	U		<12	U		<5.8	U		<24	U		<6.1	U	
		VMP-55-30-061515-Dup-R	6/15/2015	<0.049	U		<0.099	U		<0.072	U		<0.13	U		<0.17	U		<0.077	U		<0.13	U		0.1		
		VMP-55-30-061515-R	6/15/2015	<0.04	U		<0.08	U		<0.059	U		<0.11	U		<0.13	U		<0.062	U		<0.1	U		<0.066	U	
VMP-56	10 ft	VMP-56-10-021015	2/10/2015	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-56-10-110315	11/3/2015	0.0024	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-56-10-020416	2/4/2016	0.0013	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-56-10-050516	5/5/2016	0.0021	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	UJ	<0.0073	U	
		VMP-56-10-072716	7/27/2016	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0012	J		<0.029	ND,UJ	UJ	<0.0072	U	
		VMP-56-10-102416	10/24/2016	0.0016	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.009			0.0029	J		<0.0068	U	
	25 ft	VMP-56-25-021015	2/10/2015	0.0032	J		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-56-25-050715	5/7/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-56-25-073115	7/31/2015	0.013	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	J	U	<0.031	U		<0.0077	U	
		VMP-56-25-110315	11/3/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-56-25-020416	2/4/2016	0.0017	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-56-25-050516	5/5/2016	0.0019	J		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.001	J		<0.03	U	UJ	<0.0076	U	
		VMP-56-25-050516-DUP	5/5/2016	0.00096	J		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U	UJ	<0.0078	U	
		VMP-56-25-072716	7/27/2016	0.014	J		<0.01	U		<0.0076	U		<0.014	U		<0.017	U		0.0049	J		<0.034	ND,UJ	UJ	<0.0085	U	
		VMP-56-25-102416	10/24/2016	0.0016	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0039	J		<0.026	U		<0.0066	U	
	38.5 ft	VMP-56-38.5-021015	2/10/2015	<4.2	U		<8.4	U		<6.1	U		<11	U		<14	U		<6.5	U		<11	U		<6.9	U	
		VMP-56-38.5-050715	5/7/2015	<48	U		<96	U		<70	U		<130	U		<160	U		<75	U		<130	U		<79	U	
		VMP-56-38.5-061515-R	6/15/2015	<4.6	U		<9.3	U		<6.8	U		<12	U		<16	U		<7.2	U		<12	U		<7.6	U	
		VMP-56-38.5-073115	7/31/2015	<4	U		<8.1	U		<5.9	U		<11	U		<14	U		<6.3	U		<11	U		<6.7	U	
		VMP-56-38.5-073115-DUP	7/31/2015	<15	U		<30	U		<22	U		<41	U		<50	U		<23	U		<39	U		<25	U	
		VMP-56-38.5-110315	11/3/2015	<4.7	U		<9.5	U		<7	U		<13	U		<16	U		<7.4	U		<12	U		<7.8	U	UJ
		VMP-56-38.5-110315-DUP	11/3/2015	<34	U		<69	U		<51	U		<94	U		<120	U		<54	U		<91	U		<57	U	UJ
		VMP-56-38.5-020416	2/4/2016	<26	U	UJ	<53	U		<39	U		<72	U		<89	U		<41	U		<70	U		<44	U	
VMP-62	5 ft	VMP-62-5-020315	2/3/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-62-5-042815	4/28/2015	<0.018	U		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-62-5-072415	7/24/2015	0.023			<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-62-5-102015	10/20/2015	<0.014	J	U	<0.0069	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		0.0012	J		<0.0057	U	
		VMP-62-5-012816	1/28/2016	0.0017	J		<0.0082	U		<0.006	U		<0.011	U		0.024			<0.0063	U		0.034			<0.0067	U	
		VMP-62-5-042516	4/25/2016	0.0028	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-62-5-072616	7/26/2016	<0.019	U		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-62-5-102416	10/24/2016	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
	10 ft	VMP-62-10-020315	2/3/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-62-10-042815	4/28/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0024	J		<0.028	U		<0.007	U	
		VMP-62-10-072415	7/24/2015	0.089			<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.025			<0.028	U		<0.007	U	
		VMP-62-10-102015	10/20/2015	0.0038	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.012			<0.029	U		<0.0072	U	
		VMP-62-10-012816	1/28/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-62-10-042516	4/25/2016	0.004	J		<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		0.0055	J		<0.032	U		<0.0079	U	
		VMP-62-10-072616	7/26/2016	<0.02	U		<0.0099	U		<0.0072	U		<0.013	U		<0.017	U		0.01			<0.032	U		<0.0082	U	
		VMP-62-10-102416	10/24/2016	0.0034	J		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		0.012			0.0022	J		<0.0056	U	
	20 ft	VMP-62-20-020315	2/3/2015	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-62-20-042815	4/28/2015	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-62-20-072415	7/24/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.019			<0.027	U		<0.0068	U	
		VMP-62-20-102015	10/20/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0087			<0.026	U		<0.0065	U	
		VMP-62-20-012816	1/28/2016	0.0014	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-62-20-042516	4/25/2016	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0034	J		<0.026	U		<0.0066	U	
		VMP-62-20-072616	7/26/2016	0.003	J		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.016			<0.027	U		<0.0067	U	
		VMP-62-20-102416	10/24/2016	0.0023	J		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.01			<0.024	U		<0.006	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	30 ft	VMP-62-30-020315	2/3/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-62-30-042815	4/28/2015	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-62-30-072415	7/24/2015	0.085			<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0046	J		<0.029	U		<0.0072	U	
		VMP-62-30-102015	10/20/2015	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		0.0024	J		<0.027	U		<0.0068	U	
		VMP-62-30-012816	1/28/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
		VMP-62-30-012816-DUP	1/28/2016	0.0012	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-62-30-042516	4/25/2016	0.0028	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-62-30-072616	7/26/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.014			<0.03	U		<0.0076	U	
		VMP-62-30-072616-DUP	7/26/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.012			<0.03	U		<0.0076	U	
		VMP-62-30-102416	10/24/2016	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.0022	J		<0.026	U		<0.0064	U	
		VMP-62-30-102416-Dup	10/24/2016	0.0018	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0024	J		<0.024	U		<0.0061	U	
VMP-63	5 ft	VMP-63-5-020315	2/3/2015	<0.016	J	U	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-63-5-042815	4/28/2015	<0.018	U		<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-63-5-072415	7/24/2015	0.028			<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-63-5-102615	10/26/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-63-5-012816	1/28/2016	0.0058	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-63-5-042616	4/26/2016	0.00076	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-63-5-072516	7/25/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-63-5-102416	10/24/2016	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
	10 ft	VMP-63-10-020315	2/3/2015	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-63-10-042815	4/28/2015	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-63-10-072415	7/24/2015	0.0067	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-63-10-102615	10/26/2015	0.0079	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-63-10-012816	1/28/2016	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-63-10-042616	4/26/2016	0.0017	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-63-10-072516	7/25/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-63-10-102416	10/24/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
	20 ft	VMP-63-20-020315	2/3/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-63-20-020315-DUP	2/3/2015	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-63-20-042815	4/28/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-63-20-072415	7/24/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-63-20-102615	10/26/2015	0.0053	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-63-20-012816	1/28/2016	0.0064	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-63-20-042616	4/26/2016	0.002	J		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-63-20-042616-DUP	4/26/2016	0.0021	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-63-20-072516	7/25/2016	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-63-20-102416	10/24/2016	<0.019	U		<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.0079	U	
	30 ft	VMP-63-30-020315	2/3/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-63-30-042815	4/28/2015	0.0047	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-63-30-072415	7/24/2015	<0.017	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-63-30-102615	10/26/2015	0.0088	J		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-63-30-102615-DUP	10/26/2015	0.0067	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-63-30-012816	1/28/2016	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-63-30-042616	4/26/2016	0.001	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-63-30-072516	7/25/2016	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-63-30-072516-DUP	7/25/2016	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-63-30-102416	10/24/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-020315	2/3/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-64-5-042815	4/28/2015	<0.017	J	U	<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-64-5-072415	7/24/2015	<0.018	J	U	<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-64-5-102615	10/26/2015	0.019			<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-64-5-012816	1/28/2016	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-64-5-042616	4/26/2016	<0.02	U		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		<0.0082	U	
		VMP-64-5-080216	8/2/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0019	J		<0.028	U		<0.0071	U	
		VMP-64-5-080216-DUP	8/2/2016	0.032			<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-64-5-102416	10/24/2016	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0009	J		<0.025	U		<0.0062	U	
	10 ft	VMP-64-10-020315	2/3/2015	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-64-10-042815	4/28/2015	<0.018	J	U	<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-64-10-072415	7/24/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-64-10-102615	10/26/2015	0.0094	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-64-10-012816	1/28/2016	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-64-10-042616	4/26/2016	0.0007	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-64-10-072216	7/22/2016	0.0045	J		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		0.0027	J		<0.022	U		<0.0056	U	
		VMP-64-10-102416	10/24/2016	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.00096	J		<0.024	U		<0.0061	U	
	20 ft	VMP-64-20-020315	2/3/2015	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-64-20-042815	4/28/2015	<0.018	J	U	<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-64-20-072415	7/24/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	J	U	<0.028	U		<0.0071	U	
		VMP-64-20-102615	10/26/2015	0.003	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0019	J		<0.029	U		<0.0073	U	
		VMP-64-20-012816	1/28/2016	0.0027	J		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-64-20-042616	4/26/2016	0.00084	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-64-20-042616-DUP	4/26/2016	0.0011	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-64-20-072216	7/22/2016	0.0039	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0036	J		<0.027	U		<0.0067	U	
		VMP-64-20-072216-DUP	7/22/2016	0.0036	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0022	J		<0.029	U		<0.0074	U	
		VMP-64-20-102416	10/24/2016	0.0017	J		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.001	J		<0.024	U		<0.006	U	
		VMP-64-20-102416-Dup	10/24/2016	0.002	J		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0012	J		<0.026	U		<0.0066	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-020915	2/9/2015	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0029	J		<0.0048	U		<0.0048	U	
		VMP-1-5-050515	5/5/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-1-5-073015	7/30/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0029	J		<0.0054	U		<0.0054	U	
		VMP-1-5-110315	11/3/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0044	J		<0.0057	U		<0.0057	U	
		VMP-1-5-020316	2/3/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0035	J		<0.0053	U		<0.0053	U	
		VMP-1-5-050316	5/3/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U	
		VMP-1-5-072516	7/25/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0029	J		<0.0055	U		<0.0055	U	
		VMP-1-5-102816	10/28/2016	0.00075	J		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0049	U		<0.0049	U	
	8.5 ft	VMP-1-8-020915	2/9/2015	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.003	J		<0.0047	U		<0.0047	U	
		VMP-1-8.5-050515	5/5/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0019	J		<0.0056	U		<0.0056	U	
		VMP-1-8.5-073015	7/30/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0024	J		<0.0055	U		<0.0055	U	
		VMP-1-8.5-110315	11/3/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0038	J		<0.005	U		<0.005	U	
		VMP-1-8.5-020316	2/3/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-1-8.5-050316	5/3/2016	0.0011	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U	
		VMP-1-8.5-072516	7/25/2016	0.0011	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-1-8.5-102816	10/28/2016	0.0046			<0.0085	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0028	J		<0.0045	U		<0.0045	U	
	23.5 ft	VMP-1-23.5-020915	2/9/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
		VMP-1-23.5-050515	5/5/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0027	J		<0.005	U		<0.005	U	
		VMP-1-23.5-073015	7/30/2015	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0024	J		<0.0062	U		<0.0062	U	
		VMP-1-23.5-110315	11/3/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0044	J		<0.0052	U		<0.0052	U	
		VMP-1-23.5-020316	2/3/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.003	J		<0.0055	U		<0.0055	U	
		VMP-1-23.5-050316	5/3/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U	
		VMP-1-23.5-050316-DUP	5/3/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U	
		VMP-1-23.5-072516	7/25/2016	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0037	J		<0.0052	U		<0.0052	U	
		VMP-1-23.5-072516-DUP	7/25/2016	<0.0048	U		<0.011	U		0.0022	J		<0.0083	U		<0.0083	U		0.0031	J		<0.0056	U		<0.0056	U	
		VMP1-23.5-102816	10/28/2016	0.0024	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
	38.5 ft	VMP-1-38.5-020915	2/9/2015	<0.45	U		<1	U		0.069	J		0.078	J		<0.79	U		0.5	J		0.23	J		0.28	J	
		VMP-1-38.5-020915-DUP	2/9/2015	<0.44	U		<0.98	U		<0.76	U		<0.76	U		<0.76	U		<0.63	U		<0.51	U		<0.51	U	
		VMP-1-38.5-050515	5/5/2015	2.5			<1	U		<0.8	U		<0.8	U		<0.8	U		<0.66	U		<0.54	U		<0.54	U	
		VMP-1-38.5-061515-R	6/15/2015	0.17			<0.11	U		<0.087	U		<0.087	U		<0.087	U		<0.072	U		<0.059	U		<0.059	U	
		VMP-1-38.5-073015	7/30/2015	0.0041	J		<0.011	U		<0.0088	U		<0.0088	J	U	<0.0088	U		0.0025	J		<0.0059	U		<0.0059	U	
VMP-2	5 ft	VMP-2-5-021015	2/10/2015	0.014			<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-2-5-050615	5/6/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		<0.0072	U		<0.0059	U		<0.0059	U	
		VMP-2-5-110415	11/4/2015	0.0028	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0033	J		<0.005	U		<0.005	U	
		VMP-2-5-020116	2/1/2016	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U	
		VMP-2-5-042716	4/27/2016	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	U		<0.0063	U		<0.0063	U	
		VMP-2-5-072616	7/26/2016	<0.0045	U		<0.01	U		0.0029	J		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U	
		VMP-2-5-102616	10/26/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0025	J		<0.0055	U		<0.0055	U	
	8.5 ft	VMP-2-8.5-021015	2/10/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0033	J		<0.0056	U		<0.0056	U	
		VMP-2-8.5-050615	5/6/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-2-8.5-110415	11/4/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0036	J		<0.0057	U		<0.0057	U	
		VMP-2-8.5-021616	2/16/2016	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		0.0036	J		<0.0064	U		<0.0064	U	
		VMP-2-8.5-042716	4/27/2016	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	U		<0.0063	U		<0.0063	U	
		VMP-2-8.5-072616	7/26/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0035	J		<0.006	U		<0.0059	U	
		VMP-2-8.5-102616	10/26/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0025	J		<0.0055	U		<0.0055	U	
	22 ft	VMP-2-22-021015	2/10/2015	0.0012	J		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0031	J		<0.0052	U		<0.0052	U	
		VMP-2-22-021015-DUP	2/10/2015	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U	
		VMP-2-22-050615	5/6/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U	
		VMP-2-22-073015	7/30/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.005	J		<0.0053	U		<0.0053	U	
		VMP-2-22-110415	11/4/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0046	J		<0.0054	U		<0.0054	U	
		VMP-2-22-020116	2/1/2016	0.0034	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-2-22-020116-DUP	2/1/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0019	J		<0.0058	U		<0.0058	U	
		VMP-2-22-042716	4/27/2016	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		<0.0079	U		<0.0064	U		<0.0064	U	
		VMP-2-22-072616	7/26/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-2-22-102616	10/26/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0027	J		<0.0055	U		<0.0055	U	
	42 ft	VMP-2-42-021015	2/10/2015	320			<9.1	U		<7.2	U		<7.2	U		<7.2	U		<5.9	U		<4.8	U		<4.8	U	
		VMP-2-42-050615	5/6/2015	290			<130	U		<100	U		<100	U		<100	U		<84	U		<69	U		<69	U	
		VMP-2-42-061515-R	6/15/2015	510			<100	U		<82	U		<82	U		<82	U		<67	U		<55	U		<55	U	
		VMP-2-42-073015	7/30/2015	390			<620	U		<490	U		<490	U		<490	U		<400	U		<330	U		<330	U	
VMP-3	5 ft	VMP-3-5-020915	2/9/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.005	U	
		VMP-3-5-050415	5/4/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-3-5-072915	7/29/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-3-5-110515	11/5/2015	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0045	J		<0.0045	U		<0.0045	U	
		VMP-3-5-021616	2/16/2016	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0036	J		<0.0047	U		<0.0047	U	
		VMP-3-5-042716	4/27/2016	0.0054			<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U	
		VMP-3-5-080116	8/1/2016	<0.0067	U		<0.015	U		<0.012	U		<0.012	U		<0.012	U		0.0037	J		<0.0079	U		<0.0079	U	
		VMP-3-5-102616	10/26/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0024	J		<0.0056	U		<0.0056	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10-020915	2/9/2015	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0029	J		<0.0045	U		<0.0045	U	
		VMP-3-10-050415	5/4/2015	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0022	J		<0.0058	U		<0.0058	U	
		VMP-3-10-072915	7/29/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-3-10-110315	11/3/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.003	J		<0.0056	U		<0.0056	U	
		VMP-3-10-021616	2/16/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0034	J		<0.005	U		<0.005	U	
		VMP-3-10-042716	4/27/2016	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0028	J		<0.0061	U		<0.0061	U	
		VMP-3-10-080216	8/2/2016	0.0014	J		<0.011	U		<0.0083	U		<0.0083	U		0.0023	J		0.0032	J		<0.0056	U		<0.0056	U	
		VMP-3-10-102616	10/26/2016	0.0014	J		<0.012	U		<0.0094	U		<0.0094	U		<0.0094	U		0.0025	J		<0.0063	U		<0.0063	U	
	22 ft	VMP-3-22-020915	2/9/2015	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0032	J		<0.0049	U		<0.0049	U	
		VMP-3-22-050815	5/8/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-3-22-072915	7/29/2015	0.0028	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0023	J		<0.0058	U		<0.0058	U	
		VMP-3-22-110315	11/3/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0042	J		<0.0053	U		<0.0053	U	
		VMP-3-22-021616	2/16/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.003	J		<0.0058	U		<0.0058	U	
		VMP-3-22-042716	4/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-3-22-080116	8/1/2016	0.001	J		<0.014	U		<0.011	U		<0.011	U		<0.011	U		0.0033	J		<0.0071	U		<0.0071	U	
		VMP-3-22-102616	10/26/2016	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0028	J		<0.0058	U		<0.0058	U	
	31.5 ft	VMP-3-31.5-020915	2/9/2015	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.003	J		<0.0046	U		<0.0046	U	
		VMP-3-31.5-110315	11/3/2015	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.004	J		<0.0052	U		<0.0052	U	
		VMP-3-31.5-020116	2/1/2016	0.0025	J		<0.013	U		<0.01	U		<0.01	U		<0.01	U		<0.0083	U		<0.0068	U		<0.0068	U	
		VMP-3-31.5-042716	4/27/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-3-31.5-080116	8/1/2016	0.0011	J		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0031	J		<0.0061	U		<0.0061	U	
		VMP-3-31.5-102616	10/26/2016	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0027	J		<0.0048	U		<0.0048	U	
	39 ft	VMP-3-39-020915	2/9/2015	<14	U		<30	U		<24	U		<24	U		<24	U		<20	U		<16	U		<16	U	
		VMP-3-39-110315	11/3/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.003	J		<0.005	U		<0.005	U	
		VMP-3-39-020116	2/1/2016	0.0012	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-3-39-020116-DUP	2/1/2016	0.0025	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0017	J		<0.0056	U		<0.0056	U	
VMP-4	5 ft	VMP-4-5-021015	2/10/2015	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0028	J		<0.0052	U		<0.0052	U	
		VMP-4-5-110215	11/2/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-4-5-020316	2/3/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-4-5-050516	5/5/2016	<0.2	U		<0.45	U		<0.35	U		<0.35	U		<0.35	U		<0.29	U		<0.24	U		<0.24	U	
		VMP-4-5-080216	8/2/2016	0.0052			<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-4-5-102816	10/28/2016	0.0023	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0053	U		<0.0053	U	
	12 ft	VMP-4-12-021015	2/10/2015	0.002	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0029	J		<0.0052	U		<0.0052	U	
		VMP-4-12-051115	5/11/2015	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0024	J		<0.0048	U		<0.0048	U	
		VMP-4-12-080315	8/3/2015	<0.0052	U		<0.012	U		0.0038	J		<0.0091	U		<0.0091	U		0.0025	J		<0.0061	U		<0.0061	U	
		VMP-4-12-110215	11/2/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0025	J		<0.0058	U		<0.0058	U	
		VMP-4-12-020316	2/3/2016	0.0024	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0037	J		<0.0051	U		<0.0051	U	
		VMP-4-12-050316	5/3/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U	
		VMP-4-12-080216	8/2/2016	<0.0056	U		<0.013	U		<0.0099	U		<0.0099	U		<0.0099	U		0.0022	J		<0.0066	U		<0.0066	U	
		VMP-4-12-102816	10/28/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0034	J		<0.0055	U		<0.0055	U	
	23.5 ft	VMP-4-23.5-021015	2/10/2015	86			<1.1	U		<0.88	U		<0.88	U		<0.88	U		<0.72	U		<0.59	U		<0.59	U	
		VMP-4-23.5-050815	5/8/2015	54			<1.1	U		<0.83	U		<0.83	U		<0.83	U		<0.68	U		<0.56	U		<0.56	U	
		VMP-4-23.5-061515-R	6/15/2015	92	E	J	<0.11	U		<0.09	U		<0.09	U		<0.09	U		<0.074	U		<0.06	U		<0.06	U	
		VMP-4-23.5-073015	7/30/2015	49			<0.43	U		<0.33	U		<0.33	U		<0.33	U		<0.27	U		<0.22	U		<0.22	U	
		VMP-4-23.5-110215	11/2/2015	33			<0.21	U		<0.16	U		<0.16	U		<0.16	U		<0.14	U		<0.11	U		<0.11	U	
		VMP-4-23.5-020316	2/3/2016	45			<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.2	U		<0.96	U		<0.96	U	
		VMP-4-23.5-020316-DUP	2/3/2016	38			<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.1	U		<0.92	U		<0.92	U	
		VMP-4-23.5-050316	5/3/2016	28		J	<0.14	U		<0.11	U		<0.11	U		<0.11	U		<0.09	U		<0.074	U		<0.074	U	
		VMP-4-23.5-080216	8/2/2016	18			<0.52	U		<0.4	U		<0.4	U		<0.4	U		<0.33	U		<0.27	U		<0.27	U	
		VMP-4-23.5-080216-DUP	8/2/2016	19			<0.53	U		<0.41	U		<0.41	U		<0.41	U		<0.34	U		<0.28	U		0.13	J	
		VMP-4-23.5-092316-DUP-R	9/23/2016	25		J	<0.11	U		<0.089	U		<0.089	U		<0.089	U		<0.073	U		<0.06	U		<0.06	U	
		VMP-4-23.5-092316-R	9/23/2016	27		J	<0.12	U		<0.096	U		<0.096	U		<0.096	U		<0.079	U		<0.065	U		<0.065	U	
		VMP-4-23.5-102816	10/28/2016	13			<0.11	U		<0.085	U		<0.085	U		<0.085	U		<0.07	U		<0.057	U		<0.057	U	
VMP-5	5 ft	VMP-5-5-013015	1/30/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0023	J		<0.0054	U		<0.0054	U	
		VMP-5-5-042915	4/29/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0023	J		<0.0054	U		<0.0054	J	U
		VMP-5-5-072915	7/29/2015	<0.006	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.003	J		<0.0071	U		<0.0071	U	
		VMP-5-5-102915	10/29/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0033	J		<0.0054	U		<0.0054	U	
		VMP-5-5-012516	1/25/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0028	J		<0.0052	U		<0.0052	U	
		VMP-5-5-042816	4/28/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0019	J		<0.0057	U		<0.0057	U	
		VMP-5-5-072816	7/28/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-5-5-102516	10/25/2016	0.0019	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0029	J		<0.0056	U		<0.0056	U	
	12.5 ft	VMP-5-12.5-013015	1/30/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-5-12.5-042915	4/29/2015	<0.0049	U		<0.011	U		0.0019	J		0.002	J		0.0024	J		0.0025	J		<0.0058	U		<0.0058	J	U
		VMP-5-12.5-072915	7/29/2015	0.0053	J		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0034	J		<0.0064	U		<0.0064	U	
		VMP-5-12.5-102915	10/29/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-5-12.5-012516	1/25/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-5-12.5-042816	4/28/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		0.00086	J		0.0027	J		<0.0055	U		<0.0055	U	
		VMP-5-12.5-072816	7/28/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0029	J		<0.006	U		<0.006	U	
		VMP-5-12.5-102516	10/26/2016	0.0021	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31-013015	1/30/2015	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.002	J		<0.0062	U		<0.0062	U	
		VMP-5-31-042915	4/29/2015	0.0024	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-5-31-072915	7/29/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-5-31-102915	10/29/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.003	J		<0.0053	U		<0.0053	U	
		VMP-5-31-030916-R	3/9/2016	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0034	J		<0.005	U		<0.005	U	
		VMP-5-31-042816	4/28/2016	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0019	J		<0.0062	U		<0.0062	U	
		VMP-5-31-072816	7/28/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U	
		VMP-5-31-102516	10/26/2016	0.0048			<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0027	J		<0.0056	U		<0.0056	U	
	40 ft	VMP-5-40-013015	1/30/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-5-40-042915	4/29/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0021	J		<0.0057	U		<0.0057	U	
		VMP-5-40-072915	7/29/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0025	J		<0.0056	U		<0.0056	U	
		VMP-5-40-102915	10/29/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0036	J		<0.0051	U		<0.0051	U	
		VMP-5-40-012516	1/25/2016	0.0025	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-5-40-012516-DUP	1/25/2016	0.0031	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-5-40-042816	4/28/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0059	U		<0.0059	U	
		VMP-5-40-072816	7/28/2016	0.00098	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0035	J		<0.0053	U		<0.0053	U	
		VMP-5-40-102516	10/26/2016	0.0027	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	
VMP-6	5 ft	VMP-6-5-020915	2/9/2015	0.005			<0.0092	U		<0.0072	J	U	<0.0072	J	U	<0.0072	U		0.0023	J		<0.0049	U		<0.0049	U	
		VMP-6-5-042915	4/29/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-6-5-072715	7/27/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0029	J		<0.0056	U		<0.0056	U	
		VMP-6-5-102915	10/29/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.004	J		<0.0051	U		<0.0051	U	
		VMP-6-5-020116	2/1/2016	0.015			<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0025	J		<0.0058	U		<0.0058	U	
		VMP-6-5-042516	4/25/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-6-5-072816	7/28/2016	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0023	J		<0.0062	U		<0.0062	U	
		VMP-6-5-102816	10/28/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
	10 ft	VMP-6-10-020915	2/9/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-6-10-042915	4/29/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-6-10-072715	7/27/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0019	J		<0.0058	U		<0.0058	U	
		VMP-6-10-102915	10/29/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.004	J		<0.0051	U		<0.0051	U	
		VMP-6-10-020116	2/1/2016	0.015			<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0041	J		<0.0059	U		<0.0059	U	
		VMP-6-10-042516	4/25/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		<0.0071	U		<0.0058	U		<0.0058	U	
		VMP-6-10-072816	7/28/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.003	J		<0.0055	U		<0.0055	U	
		VMP-6-10-102816	10/28/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
	31.5 ft	VMP-6-31.5-020915	2/9/2015	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0031	J		<0.0051	U		<0.0051	U	
		VMP-6-31.5-042915	4/29/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-6-31.5-042915-DUP	4/29/2015	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0022	J		<0.0062	U		<0.0062	U	
		VMP-6-31.5-072715	7/27/2015	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0022	J		<0.0058	U		<0.0058	U	
		VMP-6-31.5-112515	11/25/2015	<0.0081	U		<0.018	U		<0.014	U		<0.014	U		<0.014	U		0.0037	J		<0.0096	U		<0.0096	U	
		VMP-6-31.5-020116	2/1/2016	0.017			<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0033	J		<0.0054	U		<0.0054	U	
		VMP-6-31.5-042516	4/25/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.002	J		<0.006	U		<0.006	U	
		VMP-6-31.5-072816	7/28/2016	0.0021	J		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0023	J		<0.0063	U		<0.0063	U	
		VMP-6-31.5-102816	10/28/2016	0.0043	J		<0.016	U		<0.012	U		<0.012	U		<0.012	U		<0.01	U		<0.0085	U		<0.0085	U	
	39 ft	VMP-6-39-020915	2/9/2015	0.001	J		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0034	J		<0.0047	U		<0.0047	U	
		VMP-6-39-020915-DUP	2/9/2015	<0.0039	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0034	J		<0.0046	U		<0.0046	U	
		VMP-6-39-042915	4/29/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0027	J		<0.0048	U		<0.0048	J	U
		VMP-6-39-072715	7/27/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0022	J		<0.0055	U		<0.0055	U	
		VMP-6-39-072715-DUP	7/27/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-6-39-102915	10/29/2015	<0.015	U		<0.033	U		<0.026	U		<0.026	U		<0.026	U		<0.021	U		<0.018	U		<0.018	U	
		VMP-6-39-102915-DUP	10/29/2015	<0.015	U		<0.034	U		<0.026	U		<0.026	U		<0.026	U		0.0081	J		<0.018	U		<0.018	U	
		VMP-6-39-020116	2/1/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-6-39-020116-DUP	2/1/2016	<0.0046	J	U	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-6-39-042516	4/25/2016	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0022	J		<0.0063	U		<0.0063	U	
		VMP-6-39-072816	7/28/2016	<0.0056	U		<0.012	U		<0.0098	U		<0.0098	U		<0.0098	U		0.0031	J		<0.0066	U		<0.0066	U	
		VMP-6-39-102816	10/28/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U	
VMP-7	5 ft	VMP-7-5-020215	2/2/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		<0.0075	U		<0.0061	U		<0.0061	U	
		VMP-7-5-043015	4/30/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0023	J		<0.0062	U		<0.0062	U	
		VMP-7-5-072715	7/27/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0019	J		<0.0053	U		<0.0053	U	
		VMP-7-5-102815	10/28/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.003	J		<0.0048	U		<0.0048	U	
		VMP-7-5-012716	1/27/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0017	J		<0.0053	U		<0.0053	U	
		VMP-7-5-042916	4/29/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.002	J		<0.0057	U		<0.0057	U	
		VMP-7-5-072616	7/26/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.003	J		<0.0059	U		<0.0059	U	
		VMP-7-5-102516	10/25/2016	0.0033	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U	
	13.5 ft	VMP-7-13.5-020215	2/2/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U	
		VMP-7-13.5-043015	4/30/2015	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0024	J		<0.0064	U		<0.0064	U	
		VMP-7-13.5-072715	7/27/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-7-13.5-102815	10/28/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0027	J		<0.0056	U		<0.0056	U	
		VMP-7-13.5-012716	1/27/2016	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.002	J		<0.0048	U		<0.0048	U	
		VMP-7-13.5-042916	4/29/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U	
		VMP-7-13.5-072616	7/26/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.003	J		<0.0052	U		<0.0052	U	
		VMP-7-13.5-102516	10/25/2016	0.0044			<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5-020215	2/2/2015	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0025	J		<0.0044	U		<0.0044	U	
		VMP-7-29.5-043015	4/30/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0021	J		<0.0055	U		<0.0055	U	
		VMP-7-29.5-072715	7/27/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0021	J		<0.0055	U		<0.0055	U	
		VMP-7-29.5-102815	10/28/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0032	J		<0.006	U		<0.006	U	
		VMP-7-29.5-012716	1/27/2016	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0016	J		<0.0052	U		<0.0052	U	
		VMP-7-29.5-042916	4/29/2016	<0.0086	U		<0.019	U		<0.015	U		<0.015	U		<0.015	U		0.0027	J		<0.01	U		<0.01	U	
		VMP-7-29.5-072616	7/26/2016	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0052	U		<0.0052	U	
		VMP-7-29.5-102516	10/25/2016	0.0046			<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0029	J		<0.0049	U		<0.0049	U	
	38 ft	VMP-7-38-020215	2/2/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U	
		VMP-7-38-043015	4/30/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		0.0016	J		0.0025	J		<0.0057	U		<0.0057	U	
		VMP-7-38-072715	7/27/2015	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0055	U		<0.0055	U	
		VMP-7-38-102815	10/28/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.003	J		<0.0056	U		<0.0056	U	
		VMP-7-38-102815-DUP	10/28/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0027	J		<0.0048	U		<0.0048	U	
		VMP-7-38-012716	1/27/2016	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U	
		VMP-7-38-012716-DUP	1/27/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0017	J		<0.006	U		<0.006	U	
		VMP-7-38-042916	4/29/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U	
		VMP-7-38-042916-DUP	4/29/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U	
		VMP-7-38-072616	7/26/2016	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		<0.0078	U		<0.0064	U		<0.0064	U	
		VMP-7-38-072616-DUP	7/26/2016	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		<0.0075	U		<0.0061	U		<0.0061	U	
		VMP-7-38-102516	10/25/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0021	J		<0.0049	U		<0.0049	U	
		VMP-7-38-102516-Dup	10/25/2016	<0.0089	U		<0.02	U		<0.016	U		<0.016	U		<0.016	U		0.0018	J		<0.01	U		<0.01	U	
VMP-8	5 ft	VMP-8-5-020915	2/9/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0031	J		<0.0054	U		<0.0054	U	
		VMP-8-5-042715	4/27/2015	<0.004	U		<0.0089	U		<0.0069	U		<0.0069	J	U	<0.0069	J	U	0.0032	J		<0.0047	U		<0.0047	U	
		VMP-8-5-072815	7/28/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0.0051	U	
		VMP-8-5-102715	10/27/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	J	U	<0.0079	U		0.003	J		<0.0053	U		<0.0053	U	
		VMP-8-5-012716	1/27/2016	0.0017	J		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0029	J		<0.0047	U		<0.0047	U	
		VMP-8-5-042916	4/29/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-8-5-072916	7/29/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-8-5-102516	10/25/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
	9.5 ft	VMP-8-9.5-020915	2/9/2015	0.0037	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
		VMP-8-9.5-042715	4/27/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	J	U	<0.0072	J	U	0.0022	J		<0.0048	U		<0.0048	U	
		VMP-8-9.5-072815	7/28/2015	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	J	U	0.0024	J		<0.0062	U		<0.0062	U	
		VMP-8-9.5-102715	10/27/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0027	J		<0.006	U		<0.006	U	
		VMP-8-9.5-012716	1/27/2016	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0025	J		<0.0048	U		<0.0048	U	
		VMP-8-9.5-042916	4/29/2016	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.002	J		<0.0045	U		<0.0045	U	
		VMP-8-9.5-072916	7/29/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0033	J		<0.0056	U		<0.0056	U	
		VMP-8-9.5-102516	10/25/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U	
	23.5 ft	VMP-8-23.5-020915	2/9/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0036	J		<0.0049	U		<0.0049	U	
		VMP-8-23.5-050515-R	5/5/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0032	J		<0.0053	U		<0.0053	U	
		VMP-8-23.5-072815	7/28/2015	0.0013	J		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U	
		VMP-8-23.5-102715	10/27/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-8-23.5-012716	1/27/2016	0.0012	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0029	J		<0.0055	U		<0.0055	U	
		VMP-8-23.5-042916	4/29/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-8-23.5-072916	7/29/2016	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.003	J		<0.0045	U		<0.0045	U	
		VMP-8-23.5-072916-DUP	7/29/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-8-23.5-102516	10/25/2016	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.002	J		<0.0052	U		<0.0052	U	
	35.5 ft	VMP-8-35.5-020915	2/9/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-8-35.5-042715	4/27/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0035	J		<0.0051	U		<0.0051	U	
		VMP-8-35.5-072815	7/28/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.002	J		<0.0058	U		<0.0058	U	
		VMP-8-35.5-072815-DUP	7/28/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-8-35.5-012816	1/28/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0024	J		<0.006	U		<0.006	U	
		VMP-8-35.5-012816-DUP	1/28/2016	0.00083	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-8-35.5-042916	4/29/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-8-35.5-080316	8/3/2016	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0033	J		<0.0051	U		<0.0051	U	
		VMP-8-35.5-102516	10/25/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-8-35.5-102516-Dup	10/25/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
VMP-9	5 ft	VMP-9-5-021115	2/11/2015	0.001	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0018	J		<0.0055	U		<0.0055	U	
		VMP-9-5-050415	5/4/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-9-5-072815	7/28/2015	0.0035	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-9-5-102815	10/28/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0036	J		<0.0052	U		<0.0052	J	U
		VMP-9-5-012816	1/28/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0018	J		<0.0051	U		<0.0051	U	
		VMP-9-5-042816	4/28/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-9-5-080116	8/1/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-9-5-102516	10/25/2016	0.0011	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0053	U		<0.0053	U	
		VMP-9-5-120916	12/9/2016	0.00078	J		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane 0.0078			1,2-Dichlorobenzene 290			1,3-Dichlorobenzene			1,4-Dichlorobenzene 1200			Dichlorodifluoromethane 270			1,1-Dichloroethane 690			1,2-Dichloroethane 0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	11.5 ft	VMP-9-11.5-021115	2/11/2015	0.0027	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0021	J		<0.0055	U		<0.0055	U	
		VMP-9-11.5-050415	5/4/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-9-11.5-072815	7/28/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-9-11.5-102815	10/28/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U	
		VMP-9-11.5-012816	1/28/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0018	J		<0.0058	U		<0.0058	U	
		VMP-9-11.5-042816	4/28/2016	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U	
		VMP-9-11.5-080116	8/1/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0026	J		<0.006	U		<0.006	U	
		VMP-9-11.5-080116-DUP	8/1/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.003	J		<0.006	U		<0.006	U	
		VMP-9-11.5-102516	10/25/2016	0.0011	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-9-11.5-120916	12/9/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0053	U		<0.0053	U	
	25.5 ft	VMP-9-25.5-021115	2/11/2015	0.0017	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-9-25.5-050415	5/4/2015	0.01		J	<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J	J	<0.0053	U		<0.0053	U	
		VMP-9-25.5-052915-R	5/29/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-9-25.5-072815	7/28/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-9-25.5-102815	10/28/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0029	J		<0.0048	U		<0.0048	U	
		VMP-9-25.5-012816	1/28/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0017	J		<0.0059	U		<0.0059	U	
		VMP-9-25.5-042816	4/28/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-9-25.5-080116	8/1/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0031	J		<0.0055	U		<0.0055	U	
		VMP-9-25.5-102516	10/25/2016	0.0042	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.0051	U		<0.0051	U	
		VMP-9-25.5-120916	12/9/2016	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0027	J		<0.0048	U		<0.0048	U	
	38.5 ft	VMP-9-38.5-050415	5/4/2015	0.072		J	<0.057	U		<0.044	U		<0.044	U		<0.044	U		<0.036	U		<0.03	U		<0.03	U	
		VMP-9-38.5-050415-DUP	5/4/2015	0.0028	J	J	<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	U		0.0018	J		<0.0036	U		<0.0036	U	
		VMP-9-38.5-052915-R	5/29/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-9-38.5-072815	7/28/2015	0.0021	J		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0022	J		<0.0044	U		0.00081	J	
		VMP-9-38.5-102815	10/28/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U	
		VMP-9-38.5-012816	1/28/2016	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0021	J		<0.0047	U		<0.0047	U	
		VMP-9-38.5-042816	4/28/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-9-38.5-072916	7/29/2016	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0022	J		<0.0061	U		<0.0061	U	
		VMP-9-38.5-102516	10/25/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0035	J		<0.0056	U		<0.0056	U	
		VMP-9-38.5-120916	12/9/2016	0.00076	J		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0025	J		<0.0045	U		<0.0045	U	
VMP-10	5 ft	VMP-10-5-020515	2/5/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-10-5-043015	4/30/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0024	J		<0.0055	U		<0.0055	U	
		VMP-10-5-072815	7/28/2015	0.005			<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-10-5-103015	10/30/2015	<0.0044	U		<0.0097	U		<0.0076	J	U	<0.0076	J	U	<0.0076	J	U	0.0027	J		<0.0051	U		<0.0051	U	
		VMP-10-5-012916	1/29/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0027	J		<0.0053	U		<0.0053	U	
		VMP-10-5-050216	5/2/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-10-5-082616	8/26/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-10-5-110216	11/2/2016	<0.0044	J	U	<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U	
	10 ft	VMP-10-10-020515	2/5/2015	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-10-10-043015	4/30/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U	
		VMP-10-10-072815	7/28/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0027	J		<0.0058	U		<0.0058	U	
		VMP-10-10-103015	10/30/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	J	U	0.003	J		<0.0052	U		<0.0052	U	
		VMP-10-10-021616	2/16/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-10-10-050216	5/2/2016	<0.0054	U		<0.012	U		<0.0094	U		<0.0094	U		<0.0094	U		0.0031	J		<0.0063	U		<0.0063	U	
		VMP-10-10-072816	7/28/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-10-10-110216	11/2/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0022	J		<0.0056	U		<0.0056	U	
	20 ft	VMP-10-20-020515	2/5/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0032	J		<0.0053	U		<0.0053	U	
		VMP-10-20-043015	4/30/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0023	J		<0.006	U		<0.006	U	
		VMP-10-20-072815	7/28/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	J	U	<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U	
		VMP-10-20-072815-DUP	7/28/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0027	J		<0.0058	U		<0.0058	U	
		VMP-10-20-103015	10/30/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U	
		VMP-10-20-012916	1/29/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U	
		VMP-10-20-050216	5/2/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0029	J		<0.0053	U		<0.0053	U	
		VMP-10-20-072816	7/28/2016	<0.0096	U		<0.021	U		<0.017	U		<0.017	U		<0.017	U		<0.014	U		<0.011	U		<0.011	U	
		VMP-10-20-110216	11/2/2016	0.0067			<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0019	J		<0.0055	U		<0.0055	U	
	30 ft	VMP-10-30-020515	2/5/2015	0.0026	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-10-30-020515-DUP	2/5/2015	0.0019	J		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0031	J		<0.0052	U		<0.0052	U	
		VMP-10-30-043015	4/30/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0021	J		<0.0054	U		<0.0054	U	
		VMP-10-30-072815	7/28/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0027	J		<0.0059	U		<0.0059	U	
		VMP-10-30-103015	10/30/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0031	J		<0.0052	U		<0.0052	U	
		VMP-10-30-012916-DUP	1/29/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U	
		VMP-10-30-050216	5/2/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-10-30-050216-DUP	5/2/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-10-30-072816	7/28/2016	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.003	J		<0.0061	U		<0.0061	U	
		VMP-10-30-110216	11/2/2016	<0.0054	U		<0.012	U		<0.0094	U		<0.0094	U		<0.0094	U		0.0024	J		<0.0063	U		<0.0063	U	
VMP-11	5 ft	VMP-11-5-020515	2/5/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-11-5-043015	4/30/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-11-5-072815	7/28/2015	0.0042	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-11-5-103015	10/30/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0047	J		<0.0052	U		<0.0052	U	
		VMP-11-5-012916	1/29/2016	<0.0047	U		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-11-5-050216	5/2/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0029	J		<0.0048	U		<0.0048	U	
		VMP-11-5-080116	8/1/2016	0.023			<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0032	J		<0.0057	U		<0.0057	U	
		VMP-11-5-110116	11/1/2016	0.0016	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	8 ft	VMP-11-8-020515	2/5/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0034	J		<0.0048	U		<0.0048	U	
		VMP-11-8-043015	4/30/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U	
		VMP-11-8-072815	7/28/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.002	J		<0.0057	U		<0.0057	U	
		VMP-11-8-103015	10/30/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0047	J		<0.005	U		<0.005	U	
		VMP-11-8-012916	1/29/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-11-8-050616	5/6/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0021	J		<0.0058	U		<0.0058	U	
		VMP-11-8-080116	8/1/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0031	J		<0.0056	U		<0.0056	U	
		VMP-11-8-110116	11/1/2016	0.001	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U	
	29 ft	VMP-11-29-020515	2/5/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0033	J		<0.0057	U		<0.0057	U	
		VMP-11-29-020515-DUP	2/5/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0037	J		<0.0052	U		<0.0052	U	
		VMP-11-29-043015	4/30/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0021	J		<0.005	U		<0.005	U	
		VMP-11-29-072815	7/28/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U	
		VMP-11-29-110515	11/5/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0036	J		<0.0057	U		<0.0057	U	
		VMP-11-29-012916	1/29/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0016	J		<0.0058	U		<0.0058	U	
		VMP-11-29-050216	5/2/2016	0.0016	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-11-29-080216	8/2/2016	0.00085	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0038	J		<0.0055	U		<0.0055	U	
		VMP-11-29-110116	11/1/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0025	J		<0.006	U		<0.006	U	
	38 ft	VMP-11-38-020515	2/5/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0033	J		<0.0048	U		<0.0048	U	
		VMP-11-38-043015	4/30/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.002	J		<0.0061	U		<0.0061	U	
		VMP-11-38-072815	7/28/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0024	J		<0.0055	U		<0.0055	U	
		VMP-11-38-103015	10/30/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0032	J		<0.005	U		<0.005	U	
		VMP-11-38-103015-DUP	10/30/2015	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0032	J		<0.0046	U		<0.0046	U	
		VMP-11-38-012916	1/29/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U	
		VMP-11-38-050216	5/2/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U	
		VMP-11-38-050216-DUP	5/2/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-11-38-080216	8/2/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0037	J		<0.0058	U		<0.0058	U	
		VMP-11-38-110216	11/2/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0028	J		<0.006	U		<0.006	U	
VMP-12	5 ft	VMP-12-5-021115	2/11/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U	
		VMP-12-5-050715	5/7/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0018	J		<0.0056	U		<0.0056	U	
		VMP-12-5-073115	7/31/2015	0.0041	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0055	U		<0.0055	U	
		VMP-12-5-110415	11/4/2015	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0044	J		<0.0055	U		<0.0055	U	
		VMP-12-5-020316	2/3/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0032	J		<0.0057	U		<0.0057	U	
		VMP-12-5-050416	5/4/2016	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0025	J		<0.0064	U		<0.0064	U	
		VMP-12-5-080316	8/3/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0032	J		<0.0055	U		<0.0055	U	
		VMP-12-5-103116	10/31/2016	0.0017	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U	
	11.5 ft	VMP-12-11.5-021115	2/11/2015	0.0047			<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0018	J		<0.005	U		<0.005	U	
		VMP-12-11.5-050715	5/7/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0018	J		<0.0056	U		<0.0056	U	
		VMP-12-11.5-073115	7/31/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		0.0038	J		0.0026	J		<0.0061	U		<0.0061	U	
		VMP-12-11.5-110415	11/4/2015	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0025	J		<0.0046	U		<0.0046	U	
		VMP-12-11.5-020316	2/3/2016	0.0017	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-12-11.5-050416	5/4/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0019	J		<0.006	U		<0.0059	U	
		VMP-12-11.5-080316	8/3/2016	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0027	J		<0.0062	U		<0.0062	U	
		VMP-12-11.5-110316	11/3/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
	25 ft	VMP-12-25-021115	2/11/2015	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0019	J		<0.0045	U		<0.0045	U	
		VMP-12-25-050715	5/7/2015	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.002	J		<0.006	U		<0.006	U	
		VMP-12-25-073115	7/31/2015	<0.0056	U		<0.012	U		<0.0097	U		<0.0097	U		<0.0097	U		0.0022	J		<0.0066	U		<0.0066	U	
		VMP-12-25-110415	11/4/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0029	J		<0.0054	U		<0.0054	U	
		VMP-12-25-021616	2/16/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0032	J		<0.0051	U		<0.0051	U	
		VMP-12-25-021616-DUP	2/16/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0033	J		<0.0055	U		<0.0055	U	
		VMP-12-25-050416	5/4/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-12-25-080316	8/3/2016	0.0039	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U	
		VMP-12-25-103116	10/31/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-12-25-103116-Dup	10/31/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U	
	39 ft	VMP-12-39-021115	2/11/2015	13			<2.6	U		<2	U		<2	U		<2	U		<1.6	U		<1.3	U		<1.3	U	
		VMP-12-39-050715	5/7/2015	<2.5	U		<5.6	U		<4.4	U		<4.4	U		<4.4	U		<3.6	U		<3	U		<3	U	
		VMP-12-39-050715-DUP	5/7/2015	<2.3	U		<5.2	U		<4.1	U		<4.1	U		<4.1	U		<3.4	U		<2.8	U		<2.8	U	
		VMP-12-39-061515-Dup-R	6/15/2015	3.3		J	<0.096	U		<0.075	U		<0.075	U		<0.075	U		<0.062	U		<0.05	U		<0.05	U	UJ
		VMP-12-39-061515-R	6/15/2015	3.3			<0.11	U		<0.086	U		<0.086	U		<0.086	U		<0.071	U		<0.058	U		0.17		J
		VMP-12-39-073115	7/31/2015	35			<2.3	U		<1.8	U		<1.8	U		<1.8	U		<1.5	U		<1.2	U		<1.2	U	
		VMP-12-39-073115-DUP	7/31/2015	29			<6.3	U		<4.9	U		<4.9	U		<4.9	U		<4	U		<3.3	U		<3.3	U	
		VMP-12-39-110415	11/4/2015	20			<3.9	U		<3.1	U		<3.1	U		<3.1	U		<2.5	U		<2.1	U		<2.1	U	
		VMP-12-39-020316	2/3/2016	36			<29	U		<22	U		<22	U		<22	U		<18	U		<15	U		<15	U	
		VMP-12-39-050416	5/4/2016	73			<9.9	U		<7.7	U		<7.7	U		<7.7	U		<6.4	U		<5.2	U		<5.2	U	
		VMP-12-39-080316	8/3/2016	70			<8.6	U		<6.7	U		<6.7	U		<6.7	U		<5.5	U		<4.5	U		1	J	
		VMP-12-39-110316	11/3/2016	<10	U		<22	U		<17	U		<17	U		<17	U		<14	U		<12	U		<12	U	
VMP-13	5 ft	VMP-13-5-020515	2/5/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0025	J		<0.0055	U		<0.0055	U	
		VMP-13-5-043015	4/30/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-13-5-072715	7/27/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-13-5-110215	11/2/2015	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0018	J		<0.0046	U		<0.0046	U	
		VMP-13-5-012616	1/26/2016	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.004	J		<0.0047	U		<0.0047	U	
		VMP-13-5-050316	5/3/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-13-5-072916	7/29/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.002	J		<0.0057	U		<0.0057	U	
		VMP-13-5-110216	11/2/2016	0.00096	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0029	J		<0.0051	U		<0.0051	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	10.5 ft	VMP-13-10.5-020515	2/5/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0034	J		<0.0053	U		<0.0053	U	
		VMP-13-10.5-043015	4/30/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-13-10.5-072715	7/27/2015	0.0024	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-13-10.5-110215	11/2/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0029	J		<0.0048	U		<0.0048	U	
		VMP-13-10.5-012616	1/26/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0038	J		<0.0051	U		<0.0051	U	
		VMP-13-10.5-050316	5/3/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U	
		VMP-13-10.5-072916	7/29/2016	0.0026	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0041	J		<0.0058	U		<0.0058	U	
		VMP-13-10.5-110216	11/2/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0058	U		<0.0058	U	
	21.5 ft	VMP-13-21.5-020515	2/5/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.003	J		<0.0057	U		<0.0057	U	
		VMP-13-21.5-043015	4/30/2015	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0021	J		<0.0062	U		<0.0062	U	
		VMP-13-21.5-072715	7/27/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0025	J		<0.0059	U		<0.0059	U	
		VMP-13-21.5-112515	11/25/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0037	J		<0.005	U		<0.005	U	
		VMP-13-21.5-012616	1/26/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0038	J		<0.0051	U		<0.0051	U	
		VMP-13-21.5-050316	5/3/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		<0.0072	U		<0.0059	U		<0.0059	U	
		VMP-13-21.5-050316-DUP	5/3/2016	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U	
		VMP-13-21.5-072916	7/29/2016	0.0012	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.003	J		<0.0058	U		<0.0058	U	
		VMP-13-21.5-110216	11/2/2016	0.0033	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U	
	29.5 ft	VMP-13-29.5-020515	2/5/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
		VMP-13-29.5-043015	4/30/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0022	J		<0.0059	U		<0.0059	U	
		VMP-13-29.5-072715	7/27/2015	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0029	J		<0.0062	U		<0.0062	U	
		VMP-13-29.5-072715-DUP	7/27/2015	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0021	J		<0.0062	U		<0.0062	U	
		VMP-13-29.5-110215	11/2/2015	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0032	J		<0.0043	U		<0.0043	U	
		VMP-13-29.5-110215-DUP	11/2/2015	<0.0039	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0027	J		<0.0046	U		<0.0046	U	
		VMP-13-29.5-012616	1/26/2016	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.004	J		<0.0047	U		<0.0047	U	
		VMP-13-29.5-050316	5/3/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0019	J		<0.0053	U		<0.0053	U	
		VMP-13-29.5-082616-R	8/29/2016	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0028	J		<0.0045	U		<0.0045	U	
		VMP-13-29.5-110216	11/2/2016	0.0011	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-13-29.5-110216-Dup	11/2/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U	
VMP-14	5 ft	VMP-14-5-020615	2/6/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0029	J		<0.0054	U		<0.0054	U	
		VMP-14-5-043015	4/30/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-14-5-072915	7/29/2015	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-14-5-110215	11/2/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-14-5-012616	1/26/2016	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0025	J		<0.0055	U		<0.0055	U	
		VMP-14-5-050316	5/3/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		<0.007	U		<0.0058	U		<0.0058	U	
		VMP14-5-072916	7/29/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U	
		VMP-14-5-110216	11/2/2016	0.0027	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0056	U		<0.0056	U	
	11.5 ft	VMP-14-11.5-020615	2/6/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0032	J		<0.005	U		<0.005	U	
		VMP-14-11.5-043015	4/30/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0021	J		<0.0061	U		<0.0061	U	
		VMP-14-11.5-072915	7/29/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0022	J		<0.006	U		<0.0059	U	
		VMP-14-11.5-110215	11/2/2015	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U	
		VMP-14-11.5-012616	1/26/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0017	J		<0.005	U		<0.005	U	
		VMP-14-11.5-050316	5/3/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U	
		VMP-14-11.5-072916	7/29/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0025	J		<0.006	U		<0.006	U	
		VMP-14-11.5-110216	11/2/2016	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0026	J		<0.0058	U		<0.0058	U	
	20 ft	VMP-14-20-020615	2/6/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0031	J		<0.0055	U		<0.0055	U	
		VMP-14-20-043015	4/30/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-14-20-072915	7/29/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-14-20-110215	11/2/2015	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-14-20-012616	1/26/2016	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U	
		VMP-14-20-050416	5/4/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0017	J		<0.0055	U		<0.0055	U	
		VMP-14-20-072916	7/29/2016	<0.0054	U		<0.012	U		<0.0094	U		<0.0094	U		<0.0094	U		<0.0078	U		<0.0064	U		<0.0064	U	
	29 ft	VMP-14-29-020615	2/6/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0031	J		<0.0054	U		<0.0054	U	
		VMP-14-29-043015	4/30/2015	0.0026	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-14-29-043015-DUP	4/30/2015	0.0016	J		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0024	J		<0.0043	U		<0.0043	U	
		VMP-14-29-072915	7/29/2015	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0024	J		<0.006	U		<0.006	U	
		VMP-14-29-110215	11/2/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.003	J		<0.0052	U		<0.0052	U	
		VMP-14-29-012616	1/26/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0016	J		<0.0051	U		<0.0051	U	
		VMP-14-29-012616-DUP	1/26/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0017	J		<0.005	U		<0.005	U	
		VMP-14-29-050316	5/3/2016	0.0017	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0034	J		<0.0058	U		<0.0058	U	
		VMP-14-29-072916	7/29/2016	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-14-29-072916-DUP	7/29/2016	0.00068	J		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0028	J		<0.0046	U		<0.0046	U	
		VMP-14-29-110216	11/2/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U	
VMP-15	5 ft	VMP-15-5-020615	2/6/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0019	J		<0.0052	U		<0.0052	U	
		VMP-15-5-050415	5/4/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0028	J		<0.0049	U		<0.0049	U	
		VMP-15-5-072915	7/29/2015	0.0027	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0041	J		<0.0057	U		<0.0057	U	
		VMP-15-5-110415	11/4/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0026	J		<0.0055	U		<0.0055	U	
		VMP-15-5-020316	2/3/2016	<0.0089	U		<0.02	U		<0.016	U		<0.016	U		<0.016	U		0.0031	J		<0.01	U		<0.01	U	
		VMP-15-5-050316	5/3/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-15-5-080216	8/2/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0028	J		<0.0055	U		<0.0055	U	
		VMP-15-5-110116	11/1/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U		<0.0054	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane 0.0078			1,2-Dichlorobenzene 290			1,3-Dichlorobenzene			1,4-Dichlorobenzene 1200			Dichlorodifluoromethane 270			1,1-Dichloroethane 690			1,2-Dichloroethane 0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	21.5 ft	VMP-15-21.5-020615	2/6/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0058	U		<0.0058	U	
		VMP-15-21.5-050415	5/4/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0021	J		<0.005	U		<0.005	U	
		VMP-15-21.5-072915	7/29/2015	<0.054	U		<0.12	U		<0.095	U		<0.095	U		<0.095	U		<0.078	U		<0.064	U		<0.064	U	
		VMP-15-21.5-110415	11/4/2015	0.0012	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-15-21.5-020316	2/3/2016	<0.06	U		<0.13	U		<0.1	U		<0.1	U		<0.1	U		<0.087	U		<0.071	U		<0.071	U	
		VMP-15-21.5-050316	5/3/2016	0.0052			<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0021	J		<0.0043	U		0.00081	J	
		VMP-15-21.5-080216	8/2/2016	<0.03	U		<0.068	U		<0.053	U		<0.053	U		<0.053	U		<0.044	U		<0.036	U		<0.036	U	
		VMP-15-21.5-110116	11/1/2016	<0.0069	U		<0.015	U		<0.012	U		<0.012	U		<0.012	U		<0.0099	U		<0.0081	U		<0.0081	U	
	25.5 ft	VMP-15-25.5-020615	2/6/2015	0.23			<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0032	J		<0.0056	U		<0.0056	U	
		VMP-15-25.5-050415	5/4/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-15-25.5-072915	7/29/2015	2.4			<0.14	U		<0.1	U		<0.1	U		<0.1	U		<0.087	U		<0.071	U		<0.071	U	
		VMP-15-25.5-110415	11/4/2015	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0025	J		<0.0049	U		<0.0049	U	
		VMP-15-25.5-020316	2/3/2016	4.2			<0.54	U		<0.42	U		<0.42	U		<0.42	U		<0.35	U		<0.28	U		<0.28	U	
		VMP-15-25.5-050316	5/3/2016	0.5			<0.026	U		<0.02	U		<0.02	U		<0.02	U		<0.017	U		<0.014	U		<0.014	U	
		VMP-15-25.5-080216	8/2/2016	1.3			<0.11	U		<0.085	U		<0.085	U		<0.085	U		<0.07	U		<0.057	U		<0.057	U	
		VMP-15-25.5-110116	11/1/2016	0.95			<0.07	U		<0.054	U		<0.054	U		<0.054	U		<0.045	U		<0.037	U		<0.037	U	
		VMP-15-25.5-110116-Dup	11/1/2016	0.97			<0.072	U		<0.056	U		<0.056	U		<0.056	U		<0.046	U		<0.038	U		<0.038	U	
	29 ft	VMP-15-29-020615	2/6/2015	0.088			<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-15-29-020615-DUP	2/6/2015	0.087			<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0028	J		<0.0052	U		<0.0052	U	
		VMP-15-29-050415	5/4/2015	0.0064			<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-15-29-072915	7/29/2015	2.5			<0.15	U		<0.12	U		<0.12	U		<0.12	U		<0.097	U		<0.08	U		<0.08	U	
		VMP-15-29-072915-DUP	7/29/2015	2.5			<0.13	U		<0.099	U		<0.099	U		<0.099	U		<0.081	U		<0.066	U		<0.066	U	
		VMP-15-29-110415	11/4/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-15-29-020316	2/3/2016	1.9			<0.2	U		<0.16	U		<0.16	U		<0.16	U		<0.13	U		<0.11	U		<0.11	U	
		VMP-15-29-050316	5/3/2016	0.025			<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0016	J		<0.0055	U		<0.0055	U	
		VMP-15-29-080216	8/2/2016	0.068			<0.14	U		<0.11	U		<0.11	U		<0.11	U		<0.088	U		<0.072	U		<0.072	U	
VMP-16	5 ft	VMP-16-5-021115	2/11/2015	0.00086	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0017	J		<0.0053	U		<0.0053	U	
		VMP-16-5-050715	5/7/2015	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-16-5-073115	7/31/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-16-5-110415	11/4/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0041	J		<0.0055	U		<0.0055	U	
		VMP-16-5-020316	2/3/2016	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		<0.0075	U		<0.0061	U		<0.0061	U	
		VMP-16-5-050416	5/4/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0067	U		<0.0055	U		<0.0055	U	
		VMP-16-5-080316	8/3/2016	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0026	J		<0.0046	U		<0.0046	U	
		VMP-16-5-103116	10/31/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0025	J		<0.0051	U		<0.0051	U	
	13.5 ft	VMP-16-13.5-021115	2/11/2015	<7.6	U		<17	U		<13	U		<13	U		<13	U		<11	U		<9	U		<9	U	
		VMP-16-13.5-050715	5/7/2015	14			<24	U		<19	U		<19	U		<19	U		<16	U		<13	U		<13	U	
		VMP-16-13.5-073115	7/31/2015	23			<5.4	U		<4.2	U		<4.2	U		<4.2	U		<3.5	U		<2.8	U		<2.8	U	
		VMP-16-13.5-110415	11/4/2015	<4.8	U		<11	U		<8.5	U		<8.5	U		<8.5	U		<7	U		<5.7	U		<5.7	U	
		VMP-16-13.5-020316	2/3/2016	<23	U		<51	U		<40	U		<40	U		<40	U		<33	U		<27	U		<27	U	
		VMP-16-13.5-052516-R	5/25/2016	7.8			<5.2	U		<4.1	U		<4.1	U		<4.1	U		<3.4	U		<2.8	U		<2.8	U	
		VMP-16-13.5-080316	8/3/2016	26			<17	U		<13	U		<13	U		<13	U		<11	U		<9.1	U		<9.1	U	
		VMP-16-13.5-103116	10/31/2016	5			<5.4	U		<4.2	U		<4.2	U		<4.2	U		<3.5	U		<2.8	U		<2.8	U	
	19 ft	VMP-16-19-021115	2/11/2015	50			<8.7	U		<6.8	U		<6.8	U		<6.8	U		<5.6	U		<4.6	U		<4.6	U	
		VMP-16-19-050715	5/7/2015	<8.4	U		<19	U		<15	U		<15	U		<15	U		<12	U		<9.9	U		<9.9	U	
		VMP-16-19-073115	7/31/2015	55			<11	U		<8.7	U		<8.7	U		<8.7	U		<7.1	U		<5.8	U		<5.8	U	
		VMP-16-19-110415	11/4/2015	75			<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.2	U		<0.95	U		<0.95	U	
		VMP-16-19-020316	2/3/2016	70			<60	U		<46	U		<46	U		<46	U		<38	U		<31	U		<31	U	
		VMP-16-19-050416	5/4/2016	41			<3.8	U		<3	U		<3	U		<3	U		<2.4	U		<2	U		<2	U	
		VMP-16-19-080316	8/3/2016	44			<11	U		<8.9	U		<8.9	U		<8.9	U		<7.3	U		<6	U		<6	U	
		VMP-16-19-103116	10/31/2016	56			<5	U		<3.9	U		<3.9	U		<3.9	U		<3.2	U		<2.6	U		<2.6	U	
	31 ft	VMP-16-31-021115	2/11/2015	63			<7.7	U		<6	U		<6	U		<6	U		<4.9	U		<4	U		<4	U	
		VMP-16-31-050715	5/7/2015	61			<14	U		<11	U		<11	U		<11	U		<8.8	U		<7.2	U		<7.2	U	
		VMP-16-31-073115	7/31/2015	72			<5.7	U		<4.4	U		<4.4	U		<4.4	U		<3.6	U		<3	U		<3	U	
		VMP-16-31-073115-DUP	7/31/2015	68			<5.3	U		<4.1	U		<4.1	U		<4.1	U		<3.4	U		<2.8	U		<2.8	U	
		VMP-16-31-110415	11/4/2015	76			<11	U		<8.7	U		<8.7	U		<8.7	U		<7.1	U		<5.8	U		<5.8	U	
		VMP-16-31-020316	2/3/2016	64			<20	U		<16	U		<16	U		<16	U		<13	U		<11	U		<11	U	
		VMP-16-31-020316-DUP	2/3/2016	66			<24	U		<19	U		<19	U		<19	U		<16	U		<13	U		<13	U	
		VMP-16-31-050416	5/4/2016	57			<10	U		<8	U		<8	U		<8	U		<6.6	U		<5.4	U		<5.4	U	
		VMP-16-31-050416-DUP	5/4/2016	57			<10	U		1.6	J		<7.8	U		1	J		<6.4	U		<5.3	U		<5.3	U	
		VMP-16-31-080316	8/3/2016	66			<6.9	U		<5.4	U		<5.4	U		<5.4	U		<4.4	U		<3.6	U		2	J	
		VMP-16-31-103116	10/31/2016	91			<4.9	U		<3.8	U		<3.8	U		<3.8	U		<3.1	U		<2.6	U		<2.6	U	
		VMP-16-31-103116-Dup	10/31/2016	84			<5.1	U		<4	U		<4	U		<4	U		<3.3	U		<2.7	U		<2.7	U	
VMP-17	5 ft	VMP-17-5-020415	2/4/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0031	J		<0.0049	U		<0.0049	U	
		VMP-17-5-050115	5/1/2015	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U	
		VMP-17-5-072815	7/28/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0022	J		<0.0061	U		<0.0061	U	
		VMP-17-5-102915	10/29/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.004	J		<0.0051	U		<0.0051	U	
		VMP-17-5-020216	2/2/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.0048	U	
		VMP-17-5-050216	5/2/2016	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0052	U		<0.0052	U	
		VMP-17-5-072516	7/25/2016	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U	
		VMP-17-5-103116	10/31/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-18	8.5 ft	VMP-18-8.5-020415	2/4/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-18-8.5-050115	5/1/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-18-8.5-050115-DUP	5/1/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-18-8.5-072815	7/28/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.002	J		<0.0061	U		<0.0061	U	
		VMP-18-8.5-102915	10/29/2015	0.0018	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0041	J		<0.005	U		<0.005	U	
		VMP-18-8.5-020216	2/2/2016	0.0021	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0031	J		<0.005	U		<0.005	U	
		VMP-18-8.5-050516	5/5/2016	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-18-8.5-072516	7/25/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0049	J		<0.006	U		<0.0059	U	
		VMP-18-8.5-102516	10/26/2016	0.0018	J		<0.019	U		<0.015	U		<0.015	U		<0.015	U		<0.012	U		<0.01	U		<0.01	U	
VMP-19	5 ft	VMP-19-5-020415	2/4/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0029	J		<0.0052	U		<0.0052	U	
		VMP-19-5-050115	5/1/2015	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U	
		VMP-19-5-072815	7/28/2015	0.0047	J		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0029	J		<0.0061	U		<0.0061	U	
		VMP-19-5-102615	10/26/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U	
		VMP-19-5-020216	2/2/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U	
		VMP-19-5-050616	5/6/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U	
		VMP-19-5-072816	7/28/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0059	U		<0.0059	U	
		VMP-19-5-102516	10/26/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U	
VMP-20	5 ft	VMP-20-5-012715	1/27/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U	
		VMP-20-5-042715	4/27/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0018	J		<0.0051	U		<0.0051	U	
		VMP-20-5-072015	7/20/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0032	J		<0.0057	U		<0.0057	U	
		VMP-20-5-102015	10/20/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0037	J		<0.0049	U		<0.0049	U	
		VMP-20-5-021616	2/16/2016	<0.0056	U		<0.012	U		<0.0098	U		<0.0098	U		<0.0098	U		0.0036	J		<0.0066	U		<0.0066	U	
		VMP-20-5-042516	4/25/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0028	J		<0.0057	U		<0.0057	U	
		VMP-20-5-072216	7/22/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-20-5-102616	10/26/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
	10 ft	VMP-20-10-012715	1/27/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-20-10-012715-DUP	1/27/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-20-10-042715	4/27/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0022	J		<0.0049	U		<0.0049	U	
		VMP-20-10-072015	7/20/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0036	J		<0.0053	U		<0.0053	U	
		VMP-20-10-102015	10/20/2015	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0037	J		<0.0045	U		<0.0045	U	
		VMP-20-10-102015-DUP	10/20/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0043	J		<0.0056	U		<0.0056	U	
		VMP-20-10-021616	2/16/2016	0.002	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0032	J		<0.005	U		<0.005	U	
		VMP-20-10-042516	4/25/2016	0.0028	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0034	J		<0.0058	U		<0.0058	U	
		VMP-20-10-072216	7/22/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0031	J		<0.0057	U		<0.0057	U	
		VMP-20-10-102616	10/26/2016	0.0012	J		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0025	J		<0.0049	U		<0.0049	U	
	25 ft	VMP-20-25-012715	1/27/2015	<0.0044	U		<0.01	U		0.0035	J		0.0022	J		0.0033	J		0.0029	J		<0.0052	U		<0.0052	U	
		VMP-20-25-042715	4/27/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.002	J		<0.0052	U		<0.0052	U	
		VMP-20-25-072015	7/20/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0031	J		<0.0054	U		<0.0054	U	
		VMP-20-25-102015	10/20/2015	<0.004	U		0.0026	J		0.0046	J		0.004	J		0.0045	J		0.0038	J		<0.0048	U		<0.0048	U	
		VMP-20-25-020216	2/2/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		<0.0072	U		<0.0059	U		<0.0059	U	
		VMP-20-25-042516	4/25/2016	<0.0048	J	U	<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U	
		VMP-20-25-072216	7/22/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-20-25-102616	10/26/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
	39.5 ft	VMP-20-39.5-042715	4/27/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-20-39.5-042715-DUP	4/27/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-20-39.5-072015	7/20/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0032	J		<0.0053	U		<0.0053	U	
		VMP-20-39.5-072015-DUP	7/20/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0037	J		<0.0054	U		<0.0054	U	
		VMP-20-39.5-012715	1/27/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0033	J		<0.0059	U		<0.0059	U	
		VMP-20-39.5-102015	10/20/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0034	J		<0.005	U		<0.005	U	
		VMP-20-39.5-020216	2/2/2016	0.0027	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-20-39.5-020216-DUP	2/2/2016	0.0024	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0031	J		<0.005	U		<0.005	U	
VMP-21	5 ft	VMP-21-5-012715	1/27/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-21-5-042715	4/27/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0021	J		<0.0058	U		<0.0058	U	
		VMP-21-5-072015	7/20/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0032	J		<0.0056	U		<0.0056	U	
		VMP-21-5-102315	10/23/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0032	J		<0.0051	U		<0.0051	U	
		VMP-21-5-012616	1/26/2016	0.0017	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-21-5-042716	4/27/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0028	J		<0.0055	U		<0.0055	U	
		VMP-21-5-072616	7/26/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-21-5-102416	10/24/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0019	J		<0.0054	U		<0.0054	U	
	10 ft	VMP-21-10-012715	1/27/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-21-10-042715	4/27/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0059	U		<0.0059	U	
		VMP-21-10-072015	7/20/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-21-10-102315	10/23/2015	0.0021	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-21-10-012616	1/26/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0018	J		<0.0051	U		<0.0051	U	
		VMP-21-10-042716	4/27/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0019	J		<0.0058	U		<0.0058	U	
		VMP-21-10-072616	7/26/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U	
		VMP-21-10-102416	10/24/2016	<0.0085	U		<0.019	U		<0.015	U		<0.015	U		<0.015	U		0.0019	J		<0.01	U		<0.01	U	
	25 ft	VMP-21-25-012715	1/27/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-21-25-042715	4/27/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0021	J		<0.0054	U		<0.0054	U	
		VMP-21-25-072015	7/20/2015	0.002	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0046	J		<0.0055	U		<0.0055	U	
		VMP-21-25-102315	10/23/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.003	J		<0.0048	U		<0.0048	U	
		VMP-21-25-012616	1/26/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0018	J		<0.0054	U		<0.0054	U	
		VMP-21-25-042716	4/27/2016	0.0031	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-21-25-072616	7/26/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-21-25-102416	10/24/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.0051	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-012715	1/27/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U	
		VMP-21-33-072015	7/20/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0039	J		<0.0057	U		<0.0057	U	
		VMP-21-33-102315	10/23/2015	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0026	J		<0.0046	U		<0.0046	U	
		VMP-21-33-102315-DUP	10/23/2015	<0.0098	U		<0.022	U		<0.017	U		<0.017	U		<0.017	U		0.0035	J		<0.012	U		<0.012	U	
		VMP-21-33-042716	4/27/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-21-33-072616	7/26/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U	
		VMP-21-33-102416	10/24/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0037	J		<0.0054	U		<0.0054	U	
VMP-22	5 ft	VMP-22-5-012715	1/27/2015	0.0034	J		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0022	J		<0.0046	U		<0.0046	U	
		VMP-22-5-042715	4/27/2015	<0.0087	U		<0.019	U		<0.015	U		<0.015	U		<0.015	U		<0.012	U		<0.01	U		<0.01	U	
		VMP-22-5-072015	7/20/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-22-5-012616	1/26/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0033	J		<0.0056	U		<0.0056	U	
		VMP-22-5-042616	4/26/2016	<0.006	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		<0.0086	U		<0.007	U		<0.007	U	
		VMP-22-5-072216	7/22/2016	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0056	J		<0.0062	U		<0.0062	U	
		VMP-22-5-102716	10/27/2016	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
	10 ft	VMP-22-10-012715	1/27/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0027	J		<0.0059	U		<0.0059	U	
		VMP-22-10-042715	4/27/2015	0.0017	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-22-10-072015	7/20/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0052	U		<0.0052	U	
		VMP-22-10-102315	10/23/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0032	J		<0.0056	U		<0.0056	U	
		VMP-22-10-012616	1/26/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0036	J		<0.0048	U		<0.0048	U	
		VMP-22-10-042616	4/26/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0026	J		<0.006	U		<0.006	U	
		VMP-22-10-072216	7/22/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0029	J		<0.0055	U		<0.0055	U	
		VMP-22-10-102716	10/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0021	J		<0.0054	U		<0.0054	U	
	18 ft	VMP-22-18-012715	1/27/2015	0.0014	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-22-18-012715-DUP	1/27/2015	0.00083	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-22-18-042715	4/27/2015	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U	
		VMP-22-18-072015	7/20/2015	<0.0058	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0027	J		<0.0068	U		<0.0068	U	
		VMP-22-18-102315	10/23/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-22-18-012616	1/26/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-22-18-042616	4/26/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0019	J		<0.0056	U		<0.0056	U	
		VMP-22-18-072216	7/22/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0039	J		<0.0055	U		<0.0055	U	
		VMP-22-18-102716	10/27/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0056	U		<0.0056	U	
	38 ft	VMP-22-38-012715	1/27/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U	
		VMP-22-38-042715	4/27/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U	
		VMP-22-38-042715-DUP	4/27/2015	<0.0044	U		<0.0098	U		0.0043	J		0.0044	J		0.0044	J		0.0024	J		<0.0052	U		<0.0052	U	
		VMP-22-38-072015	7/20/2015	0.002	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-22-38-072015-DUP	7/20/2015	0.0018	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0033	J		<0.0056	U		<0.0056	U	
		VMP-22-38-102315	10/23/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0029	J		<0.0054	U		<0.0054	U	
		VMP-22-38-012616-DUP	1/26/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0038	J		<0.0053	U		<0.0053	U	
		VMP-22-38-042616	4/26/2016	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0021	J		<0.0063	U		<0.0063	U	
		VMP-22-38-072216	7/22/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-22-38-072216-DUP	7/22/2016	<0.0047	U		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0031	J		<0.0056	U		<0.0056	U	
		VMP-22-38-102716	10/27/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0025	J		<0.0055	U		<0.0055	U	
		VMP-22-38-102716-Dup	10/27/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0027	J		<0.0051	U		<0.0051	U	
VMP-23	5 ft	VMP-23-5-012715	1/27/2015	<0.0053	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0022	J		<0.0062	U		<0.0062	U	
		VMP-23-5-042715	4/27/2015	0.0042	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-23-5-072015	7/20/2015	0.0029	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0027	J		<0.0053	U		<0.0053	U	
		VMP-23-5-102615	10/26/2015	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0033	J		<0.0045	U		<0.0045	U	
		VMP-23-5-012516	1/25/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0044	J		<0.0056	U		<0.0056	U	
		VMP-23-5-062816	6/28/2016	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		<0.0079	U		<0.0064	U		<0.0064	U	
		VMP-23-5-072216	7/22/2016	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0031	J		<0.006	U		<0.006	U	
		VMP-23-5-101916	10/19/2016	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0021	J		<0.0052	U		<0.0052	U	
	10 ft	VMP-23-10-012715	1/27/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U	
		VMP-23-10-042715	4/27/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-23-10-072015	7/20/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0037	J		<0.0053	U		<0.0053	U	
		VMP-23-10-102615	10/26/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0034	J		<0.0053	U		<0.0053	U	
		VMP-23-10-012516	1/25/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0038	J		<0.005	U		<0.005	U	
		VMP-23-10-062816	6/28/2016	0.0026	J		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0032	J		<0.0062	U		<0.0062	U	
		VMP-23-10-072216	7/22/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0034	J		<0.0059	U		<0.0059	U	
		VMP-23-10-101916	10/19/2016	0.0015	J		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U	
	25 ft	VMP-23-25-012715	1/27/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-23-25-042715	4/27/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0027	J		<0.0056	U		<0.0056	U	
		VMP-23-25-072015	7/20/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0035	J		<0.0056	U		<0.0056	U	
		VMP-23-25-102615	10/26/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0031	J		<0.0054	U		<0.0054	U	
		VMP-23-25-012516	1/25/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0036	J		<0.0057	U		<0.0057	U	
		VMP-23-25-062816	6/28/2016	0.00089	J		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0029	J		<0.006	U		<0.0059	U	
		VMP-23-25-072216	7/22/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0028	J		<0.006	U		<0.006	U	
		VMP-23-25-101916	10/19/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0028	J		<0.0057	U		<0.0057	U	
	40 ft	VMP-23-40-012715	1/27/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-23-40-042715	4/27/2015	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	J	U	0.0031	J		<0.0062	U		<0.0062	U	
		VMP-23-40-072015	7/20/2015	0.0079			<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0047	J		<0.0053	U		<0.0053	U	
		VMP-23-40-102615	10/26/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0036	J		<0.0051	U		<0.0051	U	
		VMP-23-40-102615-DUP	10/26/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0031	J		<0.0053	U		<0.0053	U	
		VMP-23-40-012516	1/25/2016	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0049	J		<0.0048	U		<0.0048	U	
		VMP-23-40-072216	7/22/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0035	J		<0.0055	U		<0.0055	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-020215	2/2/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-24-5-042715	4/27/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	J	U	<0.0088	U		0.002	J		<0.0059	U		<0.0059	U	
		VMP-24-5-072115	7/21/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	J	U	<0.0053	U		<0.0053	U	
		VMP-24-5-102915	10/29/2015	0.0018	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0029	J		<0.0055	U		<0.0055	U	
		VMP-24-5-012716	1/27/2016	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0031	J		<0.005	U		<0.005	U	
		VMP-24-5-042916	4/29/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-24-5-072716	7/27/2016	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0029	J		<0.006	U		<0.006	U	
		VMP-24-5-102816	10/28/2016	0.0014	J		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0026	J		<0.0044	U		<0.0044	U	
	10 ft	VMP-24-10-020215	2/2/2015	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0027	J		<0.0045	U		<0.0045	U	
		VMP-24-10-042715	4/27/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0027	J		<0.0055	U		<0.0055	U	
		VMP-24-10-072115	7/21/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	J	U	<0.0052	U		<0.0052	U	
		VMP-24-10-102915	10/29/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U	
		VMP-24-10-012716	1/27/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0035	J		<0.0053	U		<0.0053	U	
		VMP-24-10-042916	4/29/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0026	J		<0.0058	U		<0.0058	U	
		VMP-24-10-072716	7/27/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-24-10-102816	10/28/2016	0.0019	J		<0.008	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0025	J		<0.0042	U		<0.0042	U	
	22 ft	VMP-24-22-020215	2/2/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-24-22-042715	4/27/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-24-22-072115	7/21/2015	<0.0045	U	UJ	<0.01	U	UJ	<0.0079	U	UJ	<0.0079	U	UJ	<0.0079	U	UJ	<0.0065	J	UJ	<0.0053	U	UJ	<0.0053	U	UJ
		VMP-24-22-082415	8/24/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		<0.0072	U		<0.0059	U		<0.0059	U	
		VMP-24-22-082415-DUP	8/24/2015	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		<0.0075	U		<0.0062	U		<0.0062	U	
		VMP-24-22-102915	10/29/2015	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0028	J		<0.0058	U		<0.0058	U	
		VMP-24-22-012716	1/27/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0033	J		<0.0052	U		<0.0052	U	
		VMP-24-22-042916	4/29/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0025	J		<0.0059	U		<0.0059	U	
		VMP-24-22-072716	7/27/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0046	J		<0.0058	U		<0.0058	U	
		VMP-24-22-102816	10/28/2016	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0026	J		<0.0044	U		<0.0044	U	
	34 ft	VMP-24-34-020215	2/2/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U	
		VMP-24-34-020215-DUP	2/2/2015	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0.0047	U	
		VMP-24-34-042715	4/27/2015	<0.006	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0023	J		<0.0071	U		<0.0071	U	
		VMP-24-34-072115	7/21/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	J	U	<0.0054	U		<0.0054	U	
		VMP-24-34-072115-DUP	7/21/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		<0.0071	J	U	<0.0058	U		<0.0058	U	
		VMP-24-34-102915	10/29/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-24-34-012716	1/27/2016	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0033	J		<0.0061	U		<0.0061	U	
		VMP-24-34-042916	4/29/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0027	J		<0.0053	U		<0.0053	U	
		VMP-24-34-072716	7/27/2016	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0032	J		<0.0055	U		<0.0055	U	
		VMP-24-34-072716-DUP	7/27/2016	<0.0038	U		<0.0085	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0029	J		<0.0045	U		<0.0045	U	
		VMP-24-34-102816	10/28/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0023	J		<0.0058	U		<0.0058	U	
		VMP-24-34-102816-Dup	10/28/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
VMP-25	5 ft	VMP-25-5-021115	2/11/2015	0.0015	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0017	J		<0.0049	U		<0.0049	U	
		VMP-25-5-050715	5/7/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.002	J		<0.0055	U		<0.0055	U	
		VMP-25-5-073015	7/30/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0018	J		<0.0055	U		<0.0055	U	
		VMP-25-5-110515	11/5/2015	0.0016	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0052	U		<0.0052	U	
		VMP-25-5-021616	2/16/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-25-5-050416	5/4/2016	1			<0.19	U		<0.15	U		<0.15	U		<0.15	U		<0.12	U		<0.099	U		<0.099	U	
		VMP-25-5-080316	8/3/2016	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	U		<0.0063	U		<0.0063	U	
		VMP-25-5-103116	10/31/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0049	U		<0.0049	U	
	21 ft	VMP-25-21-021115	2/11/2015	86			<4.8	U		<3.7	U		<3.7	U		<3.7	U		<3.1	U		<2.5	U		<2.5	U	
		VMP-25-21-050715	5/7/2015	72			<9.2	U		<7.2	U		<7.2	U		<7.2	U		<6	U		<4.9	U		<4.9	U	
		VMP-25-21-073015	7/30/2015	86			<2.5	U		<1.9	U		<1.9	U		<1.9	U		<1.6	U		<1.3	U		<1.3	U	
		VMP-25-21-110515	11/5/2015	62			<2.2	U		<1.7	U		<1.7	U		<1.7	U		<1.4	U		<1.2	U		<1.2	U	
		VMP-25-21-050416	5/4/2016	0.053			<0.12	U		<0.091	U		<0.091	U		<0.091	U		<0.075	U		<0.061	U		<0.061	U	
		VMP-25-21-080316	8/3/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0038	J		<0.0057	U		<0.0057	U	
		VMP-25-21-103116	10/31/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-25-21-103116-Dup	10/31/2016	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U	
	31 ft	VMP-25-31-021115	2/11/2015	93			<4.5	U		<3.5	U		<3.5	U		<3.5	U		<2.9	U		<2.4	U		<2.4	U	
		VMP-25-31-021115-DUP	2/11/2015	89			<4.5	U		<3.5	U		<3.5	U		<3.5	U		<2.9	U		<2.4	U		<2.4	U	
		VMP-25-31-050715	5/7/2015	65			<12	U		<9.8	U		<9.8	U		<9.8	U		<8	U		<6.6	U		<6.6	U	
		VMP-25-31-050715-DUP	5/7/2015	63			<12	U		<9.4	U		<9.4	U		<9.4	U		<7.8	U		<6.4	U		<6.4	U	
		VMP-25-31-073015	7/30/2015	62			<2.9	U		<2.3	U		<2.3	U		<2.3	U		<1.9	U		<1.5	U		<1.5	U	
		VMP-25-31-073015-DUP	7/30/2015	57			<2.6	U		<2	U		<2	U		<2	U		<1.6	U		<1.3	U		<1.3	U	
		VMP-25-31-110515	11/5/2015	56			<2.1	U		<1.6	U		<1.6	U		<1.6	U		<1.3	U		<1.1	U		<1.1	U	
		VMP-25-31-021616	2/16/2016	50			<3.1	U		<2.4	U		<2.4	U		<2.4	U		<2	U		<1.6	U		<1.6	U	
		VMP-25-31-021616-DUP	2/16/2016	52			<4.9	U		<3.8	U		<3.8	U		<3.8	U		<3.2	U		<2.6	U		<2.6	U	
		VMP-25-31-050416	5/4/2016	53			<5.4	U		<4.2	U		<4.2	U		<4.2	U		<3.5	U		<2.8	U		<2.8	U	
		VMP-25-31-080316	8/3/2016	0.082	J		<0.21	U		<0.16	U		<0.16	U		<0.16	U		<0.13	U		<0.11	U		<0.11	U	
		VMP-25-31-080316-DUP	8/3/2016	0.058	J		<0.18	U		<0.14	U		<0.14	U		<0.14	U		<0.12	U		<0.096	U		<0.096	U	
		VMP-25-31-103116	10/31/2016	46			<0.093	U		<0.073	U		<0.073	U		<0.073	U		<0.06	U		<0.049	U		<0.049	U	
VMP-29	10 ft	VMP-29-10-020515	2/5/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0029	J		<0.0053	U		<0.0053	U	
		VMP-29-10-050615	5/6/2015	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0035	J		<0.0058	U		<0.0058	U	
		VMP-29-10-072715	7/27/2015	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0022	J		<0.0055	U		<0.0055	U	
		VMP-29-10-103015	10/30/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0053	J		<0.0053	U		<0.0053	U	
		VMP-29-10-012716	1/27/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0037	J		<0.0052	U		<0.0052	U	
		VMP-29-10-050216	5/2/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.003	J		<0.0055	U		<0.0055	U	
		VMP-29-10-072816	7/28/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0016	J		<0.0058	U		<0.0058	U	
		VMP-29-10-120916	12/9/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	20 ft	VMP-29-20-020515	2/5/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0027	J		<0.0054	U		<0.0054	U	
		VMP-29-20-050615	5/6/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0026	J		<0.0059	U		<0.0059	U	
		VMP-29-20-072715	7/27/2015	<0.0061	U		<0.014	U		<0.011	U		<0.011	U		<0.011	U		0.0027	J		<0.0072	U		<0.0072	U	
		VMP-29-20-103015	10/30/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0038	J		<0.0054	U		<0.0054	U	
	18 ft	VMP-29-20-020416-R	2/4/2016	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	U		<0.0063	U		<0.0063	U	
		VMP-29-20-050216	5/2/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U	
		VMP-29-20-072816	7/28/2016	<0.0097	U		<0.022	U		<0.017	U		<0.017	U		<0.017	U		<0.014	U		<0.011	U		<0.011	U	
		VMP-29-18-110316	11/3/2016	<0.009	U		<0.02	U		<0.016	U		<0.016	U		<0.016	U		<0.013	U		<0.011	U		<0.011	U	
	26 ft	VMP-29-30-020615	2/6/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-29-30-050615	5/6/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-29-30-050615-DUP	5/6/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-29-30-080315	8/3/2015	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0029	J		<0.006	U		<0.006	U	
		VMP-29-30-103015	10/30/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.005	J		<0.0048	U		<0.0048	U	
		VMP-29-30-012716	1/27/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-29-30-050216	5/2/2016	<0.017	U		<0.037	U		<0.029	U		<0.029	U		<0.029	U		<0.024	U		<0.02	U		<0.02	U	
		VMP-29-30-072816	7/28/2016	<0.011	U		<0.025	U		<0.02	U		<0.02	U		<0.02	U		<0.016	U		<0.013	U		<0.013	U	
		VMP-29-26-110316	11/3/2016	<0.0045	J	U	<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-29-26-110316-Dup	11/3/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
VMP-30	10 ft	VMP-30-10-020615	2/6/2015	0.002	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0029	J		<0.0054	U		<0.0054	U	
		VMP-30-10-050515	5/5/2015	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0021	J		<0.0047	U		<0.0047	U	
		VMP-30-10-072715	7/27/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0053	U		<0.0053	U	
		VMP-30-10-103015	10/30/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	J	U	0.003	J		<0.0051	U		<0.0051	U	
		VMP-30-10-020416	2/4/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U	
		VMP-30-10-050216	5/2/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U	
		VMP-30-10-072816	7/28/2016	<0.019	U		<0.042	U		<0.033	U		<0.033	U		<0.033	U		<0.027	U		<0.022	U		<0.022	U	
		VMP-30-10-110316	11/3/2016	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U	
	18 ft	VMP-30-20-020615	2/6/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0036	J		<0.0051	U		<0.0051	U	
		VMP-30-20-050515	5/5/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-30-20-072715	7/27/2015	<0.011	U		<0.025	U		<0.02	U		<0.02	U		<0.02	U		<0.016	U		<0.013	U		<0.013	U	
		VMP-30-20-103015	10/30/2015	0.0036	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0032	J		<0.0059	U		<0.0059	U	
		VMP-30-20-012716	1/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-30-20-050216	5/2/2016	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		<0.0074	U		<0.0061	U		<0.0061	U	
		VMP-30-20-072816	7/28/2016	<0.021	U		<0.047	U		<0.037	U		<0.037	U		<0.037	U		<0.03	U		<0.025	U		<0.025	U	
		VMP-30-18-110316	11/3/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
	26 ft	VMP-30-30-020615	2/6/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0032	J		<0.0056	U		<0.0056	U	
		VMP-30-30-050515	5/5/2015	0.0028	J		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-30-30-050515-DUP	5/5/2015	0.002	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-30-30-072715	7/27/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0026	J		<0.006	U		<0.006	U	
		VMP-30-30-103015	10/30/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0049	U		<0.0049	J	U
		VMP-30-30-012716	1/27/2016	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0031	J		<0.0052	U		<0.0052	U	
		VMP-30-30-050216	5/2/2016	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		<0.0074	U		<0.0061	U		<0.0061	U	
		VMP-30-30-072816	7/28/2016	<0.042	U		<0.093	U		<0.073	U		<0.073	U		<0.073	U		<0.06	U		<0.049	U		<0.049	U	
		VMP-30-30-072816-DUP	7/28/2016	<0.033	U		<0.074	U		<0.058	U		<0.058	U		<0.058	U		<0.047	U		<0.039	U		<0.039	U	
		VMP-30-26-110316	11/3/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U	
VMP-32	5 ft	VMP-32-5-021015	2/10/2015	<0.0035	U		<0.0079	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0031	J		<0.0042	U		<0.0042	U	
		VMP-32-5-073115	7/31/2015	<0.0048	U	UJ	<0.011	U	UJ	<0.0084	U	UJ	<0.0084	U	UJ	<0.0084	U	UJ	0.0026	J	J	<0.0056	U	UJ	<0.0056	U	UJ
		VMP-32-5-082415	8/24/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-32-5-110415	11/4/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0049	J		<0.0061	U		<0.0061	U	
		VMP-32-5-012616	1/26/2016	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.005	J		<0.005	U		<0.005	U	
		VMP-32-5-042716	4/27/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-32-5-072616	7/26/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0059	U		<0.0059	U	
		VMP-32-5-102716	10/27/2016	0.0012	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
	10 ft	VMP-32-10-021015	2/10/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-32-10-051115	5/11/2015	<0.0054	U	UJ	<0.012	U	UJ	<0.0095	U	UJ	<0.0095	U	UJ	<0.0095	U	UJ	<0.0078	U	UJ	<0.0064	U	UJ	<0.0064	U	UJ
		VMP-32-10-052915-R	5/29/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.002	J		<0.0057	U		<0.0057	U	
		VMP-32-10-110415	11/4/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0049	J		<0.0054	U		<0.0054	U	
		VMP-32-10-012616	1/26/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0034	J		<0.0053	U		<0.0053	U	
		VMP-32-10-042716	4/27/2016	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-32-10-072616	7/26/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0027	J		<0.0053	U		<0.0053	U	
		VMP-32-10-102716	10/27/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0053	U		<0.0053	U	
	20 ft	VMP-32-20-021015	2/10/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0029	J		<0.0055	U		<0.0055	U	
		VMP-32-20-051115	5/11/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-32-20-080315	8/3/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0055	U		<0.0055	U	
		VMP-32-20-110415	11/4/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.004	J		<0.0053	U		<0.0053	U	
		VMP-32-20-110415-DUP	11/4/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0037	J		<0.0058	U		<0.0058	U	
		VMP-32-20-021616	2/16/2016	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0033	J		<0.0046	U		<0.0046	U	
		VMP-32-20-042716	4/27/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-32-20-082616-R	8/29/2016	<0.006	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0025	J		<0.007	U		<0.007	U	
		VMP-32-20-102716	10/27/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	30 ft	VMP-32-30-021015	2/10/2015	0.0053			<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0031	J		<0.0051	U		<0.0051	U	
		VMP-32-30-050515	5/5/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-32-30-073115	7/31/2015	<0.0048	U	UJ	<0.011	U	UJ	<0.0084	U	UJ	<0.0084	U	UJ	<0.0084	U	UJ	0.0027	J	J	<0.0056	U	UJ	<0.0056	U	UJ
		VMP-32-30-073115-DUP	7/31/2015	<0.0054	U	UJ	<0.012	U	UJ	<0.0093	U	UJ	<0.0093	U	UJ	<0.0093	U	UJ	0.0022	J	J	<0.0063	U	UJ	<0.0063	U	UJ
		VMP-32-30-082415	8/24/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U	
		VMP-32-30-082415-DUP	8/24/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U	
		VMP-32-30-110415	11/4/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0059	U		<0.0059	U	
		VMP-32-30-020216	2/2/2016	0.00088	J		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0032	J		<0.0052	U		<0.0052	U	
		VMP-32-30-042716	4/27/2016	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0021	J		<0.0058	U		<0.0058	U	
		VMP-32-30-072616	7/26/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0052	J		<0.0057	U		<0.0057	U	
		VMP-32-30-102716	10/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
VMP-41	10 ft	VMP-41-10-020415	2/4/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0022	J		<0.0049	U		<0.0049	U	
		VMP-41-10-020415-DUP	2/4/2015	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0027	J		<0.0049	U		<0.0049	U	
		VMP-41-10-043015	4/30/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0022	J		<0.006	U		<0.0059	U	
		VMP-41-10-072815	7/28/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0028	J		<0.0055	U		<0.0055	U	
		VMP-41-10-110215	11/2/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0048	J		<0.0053	U		<0.0053	U	
		VMP-41-10-012716	1/27/2016	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U	
		VMP-41-10-050216	5/2/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0035	J		<0.0052	U		<0.0052	U	
		VMP-41-10-072816	7/28/2016	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0032	J		<0.0049	U		<0.0049	U	
		VMP-41-10-102416	10/24/2016	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0022	J		<0.0061	U		<0.0061	U	
	20 ft	VMP-41-20-020415	2/4/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-41-20-043015	4/30/2015	<0.11	U		<0.24	U		<0.19	U		<0.19	U		<0.19	U		<0.15	U		<0.12	U		<0.12	U	
		VMP-41-20-072815	7/28/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0021	J		<0.0059	U		<0.0059	U	
		VMP-41-20-110215	11/3/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0043	J		<0.0056	U		<0.0056	U	
		VMP-41-20-012716	1/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-41-20-050216	5/2/2016	<0.004	U		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U	
		VMP-41-20-072816	7/28/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0031	J		<0.006	U		<0.006	U	
		VMP-41-20-102416	10/24/2016	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0023	J		<0.0047	U		<0.0047	U	
	26 ft	VMP-41-30-020415	2/4/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0028	J		<0.0052	U		<0.0052	U	
		VMP-41-30-043015	4/30/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-41-30-043015-DUP	4/30/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-41-30-110215	11/2/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0039	J		<0.0054	U		<0.0054	U	
		VMP-41-30-110215-DUP	11/2/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0051	J		<0.0054	U		<0.0054	U	
		VMP-41-30-012716	1/27/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0018	J		<0.0053	U		<0.0053	U	
		VMP-41-30-012716-DUP	1/27/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0018	J		<0.0051	U		<0.0051	U	
		VMP-41-30-050216	5/2/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-41-30-072816	7/28/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-41-30-072816-DUP	7/28/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-41-26-102416	10/24/2016	0.0013	J		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0029	J		<0.0048	U		<0.0048	U	
		VMP-41-30-072815	7/28/2015	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0021	J		<0.0064	U		<0.0064	U	
VMP-42	10 ft	VMP-42-10-020315	2/3/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-42-10-042915	4/29/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0022	J		<0.0051	U		<0.0051	U	
		VMP-42-10-072115	7/21/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	J	U	<0.0053	U		<0.0053	U	
		VMP-42-10-102715	10/27/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0029	J		<0.0049	U		<0.0049	U	
		VMP-42-10-020116	2/1/2016	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0017	J		<0.0048	U		<0.0048	U	
		VMP-42-10-042616	4/26/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0018	J		<0.0057	U		<0.0057	U	
		VMP-42-10-072616	7/26/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		<0.0073	U		<0.006	U		<0.0059	U	
		VMP-42-10-102716	10/27/2016	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0026	J		<0.0052	U		<0.0052	U	
	20 ft	VMP-42-20-020315	2/3/2015	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0023	J		<0.0058	U		<0.0058	U	
		VMP-42-20-042915	4/29/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0025	J		<0.0059	U		<0.0059	U	
		VMP-42-20-072115	7/21/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	J	U	<0.0052	U		<0.0052	U	
		VMP-42-20-102715	10/27/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0028	J		<0.0062	U		<0.0062	U	
		VMP-42-20-020116	2/1/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U	
		VMP-42-20-042616	4/26/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-42-20-072616	7/26/2016	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		<0.0074	U		<0.006	U		<0.006	U	
		VMP-42-20-102676	10/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0027	J		<0.0054	U		<0.0054	U	
	30 ft	VMP-42-30-020315	2/3/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-42-30-042915	4/29/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U	
		VMP-42-30-080315	8/3/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0023	J		<0.0054	U		<0.0054	U	
		VMP-42-30-080315-DUP	8/3/2015	0.001	J		<0.01	U		<0.0078	U		<0.0078	U		0.001	J		0.0034	J		<0.0052	U		<0.0052	U	
		VMP-42-30-102715	10/27/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U	
		VMP-42-30-020116	2/1/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0019	J		<0.0054	U		<0.0054	U	
		VMP-42-30-042616	4/26/2016	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		0.003	J		<0.0064	U		<0.0064	U	
		VMP-42-30-072616	7/26/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U	
		VMP-42-30-102716	10/27/2016	0.0012	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0027	J		<0.0054	U		<0.0054	U	
		VMP-42-30-102716-Dup	10/27/2016	<0.0087	U		<0.019	U		<0.015	U		<0.015	U		<0.015	U		<0.012	U		<0.01	U		<0.01	U	
VMP-43	10 ft	VMP-43-10-021015	2/10/2015	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0025	J		<0.0044	U		<0.0044	U	
		VMP-43-10-050515	5/5/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-43-10-072115	7/21/2015	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0022	J		<0.0055	U		<0.0055	U	
		VMP-43-10-102915	10/29/2015	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0025	J		<0.0062	U		<0.0062	U	
		VMP-43-10-020116	2/1/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.002	J		<0.006	U		<0.006	U	
		VMP-43-10-042716	4/27/2016	0.00089	J		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0027	J		<0.006	U		<0.006	U	
		VMP-43-10-072716	7/27/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0029	J		<0.0052	U		<0.0052	U	
		VMP-43-10-102616	10/26/2016	0.0043			<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0024	J		<0.0046	U		<0.0046	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane 0.0078			1,2-Dichlorobenzene 290			1,3-Dichlorobenzene			1,4-Dichlorobenzene 1200			Dichlorodifluoromethane 270			1,1-Dichloroethane 690			1,2-Dichloroethane 0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	20 ft	VMP-43-20-021215	2/12/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U	
		VMP-43-20-021215-DUP	2/12/2015	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U	
		VMP-43-20-050515	5/5/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0055	U		<0.0055	U	
		VMP-43-20-072115	7/21/2015	<0.0058	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0025	J		<0.0068	U		<0.0068	U	
		VMP-43-20-102915	10/29/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0029	J		<0.0049	U		<0.0049	U	
		VMP-43-20-102915-DUP	10/29/2015	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0025	J		<0.0048	U		<0.0048	U	
		VMP-43-20-020116	2/1/2016	<0.0073	U		<0.016	U		<0.013	U		<0.013	U		<0.013	U		<0.01	U		<0.0085	U		<0.0085	U	
		VMP-43-20-042716	4/27/2016	0.00074	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-43-20-072716	7/27/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		<0.0072	U		<0.0059	U		<0.0059	U	
		VMP-43-20-102616	10/26/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U	
	30 ft	VMP-43-30-050515	5/5/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0024	J		<0.0061	U		<0.0061	U	
		VMP-43-30-050515-DUP	5/5/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-43-30-072115	7/21/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0021	J		<0.0055	U		<0.0055	U	
		VMP-43-30-102915	10/29/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.005	U	
		VMP-43-30-020116	2/1/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0018	J		<0.0056	U		<0.0056	U	
		VMP-43-30-042716	4/27/2016	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	U		<0.0063	U		<0.0063	U	
		VMP-43-30-042716-DUP	4/27/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U	
		VMP-43-30-072716	7/27/2016	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0047	J		<0.0057	U		<0.0057	U	
		VMP-43-30-102616	10/26/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-43-30-102616-Dup	10/26/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
VMP-44	10 ft	VMP-44-10-020415	2/4/2015	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U	
		VMP-44-10-050115	5/1/2015	<0.0047	U		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-44-10-072415	7/24/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-44-10-102815	10/28/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.006	J		<0.0061	U		<0.0061	U	
		VMP-44-10-012516	1/25/2016	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0031	J		<0.0049	U		<0.0049	U	
		VMP-44-10-042816	4/28/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0017	J		<0.0056	U		<0.0056	U	
		VMP-44-10-072716	7/27/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.002	J		<0.0058	U		<0.0058	U	
		VMP-44-10-102716	10/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
	20 ft	VMP-44-20-020415	2/4/2015	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-44-20-051115	5/11/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
		VMP-44-20-072415	7/24/2015	0.00068	J		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0052	U		<0.0052	U	
		VMP-44-20-102815	10/28/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-44-20-020216-R	2/2/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0021	J		<0.0055	U		<0.0055	U	
		VMP-44-20-042816	4/28/2016	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		0.0022	J		<0.0065	U		<0.0065	U	
		VMP-44-20-072716	7/27/2016	<0.0056	U		<0.012	U		<0.0098	U		<0.0098	U		<0.0098	U		<0.0081	U		<0.0066	U		<0.0066	U	
		VMP-44-20-102716	10/27/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0029	J		<0.0053	U		<0.0053	U	
	30 ft	VMP-44-30-020415	2/4/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0053	U		<0.0053	U	
		VMP-44-30-051115	5/11/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U	
		VMP-44-30-072415	7/24/2015	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-44-30-102815	10/28/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0027	J		<0.0061	U		<0.0061	U	
		VMP-44-30-012516	1/25/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.003	J		<0.0052	U		<0.0052	U	
		VMP-44-30-050516	5/5/2016	<0.006	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		<0.0086	U		<0.007	U		<0.007	U	
		VMP-44-30-072716	7/27/2016	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0025	J		<0.0062	U		<0.0062	U	
		VMP-44-30-102716	10/27/2016	0.0016	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
VMP-45	10 ft	VMP-45-10-020615	2/6/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-45-10-051215	5/12/2015	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-45-10-072115	7/21/2015	0.0043	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	J	U	<0.0054	U		<0.0054	U	
		VMP-45-10-102815	10/28/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-45-10-030916-R	3/9/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-45-10-042816	4/28/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.002	J		<0.006	U		<0.006	U	
		VMP-45-10-082616	8/26/2016	0.0014	J		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0027	J		<0.0044	U		<0.0044	U	
		VMP-45-10-102816	10/28/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U	
	20 ft	VMP-45-20-020615	2/6/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-45-20-042915	4/29/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0021	J		<0.006	U		<0.006	U	
		VMP-45-20-072115	7/21/2015	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		<0.0079	J	U	<0.0064	U		<0.0064	U	
		VMP-45-20-102815	10/28/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
		VMP-45-20-012516	1/25/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U	
		VMP-45-20-042816	4/28/2016	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0022	J		<0.0043	U		<0.0043	U	
		VMP-45-20-072716	7/27/2016	<0.0053	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0027	J		<0.0063	U		<0.0063	U	
		VMP-45-20-102816	10/28/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0027	J		<0.0055	U		<0.0055	U	
	30 ft	VMP-45-30-020615	2/6/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U	
		VMP-45-30-020615-DUP	2/6/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0032	J		<0.0052	U		<0.0052	U	
		VMP-45-30-042915	4/29/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-45-30-072115	7/21/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		<0.0075	J	U	<0.0061	U		<0.0061	U	
		VMP-45-30-072115-DUP	7/21/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		<0.0071	J	U	<0.0058	U		<0.0058	U	
		VMP-45-30-102815	10/28/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0032	J		<0.0048	U		<0.0048	U	
		VMP-45-30-012516	1/25/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0035	J		<0.0056	U		<0.0056	U	
		VMP-45-30-042816	4/28/2016	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0018	J		<0.0049	U		<0.0049	U	
		VMP-45-30-042816-DUP	4/28/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0016	J		<0.0051	U		<0.0051	U	
		VMP-45-30-072716	7/27/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0027	J		<0.0055	U		<0.0055	U	
		VMP-45-30-102816	10/28/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0053	U		<0.0053	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-020215	2/2/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-47-5-042815	4/28/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0021	J		<0.0057	U		<0.0057	U	
		VMP-47-5-072115	7/21/2015	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	J	U	<0.0063	U		<0.0063	U	
		VMP-47-5-102715	10/27/2015	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0024	J		<0.006	U		<0.006	U	
		VMP-47-5-012916	1/29/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0029	J		<0.0055	U		<0.0055	U	
		VMP-47-5-042516	4/25/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0026	J		<0.006	U		<0.006	U	
		VMP-47-5-072516	7/25/2016	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0028	J		<0.0057	U		<0.0057	U	
		VMP-47-5-102616	10/26/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0055	U		<0.0055	U	
	10 ft	VMP-47-10-020215	2/2/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U	
		VMP-47-10-042815	4/28/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0023	J		<0.0061	U		<0.0061	U	
		VMP-47-10-072115	7/21/2015	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	J	U	<0.0063	U		<0.0063	U	
		VMP-47-10-102715	10/27/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0029	J		<0.0057	U		<0.0057	U	
		VMP-47-10-012916	1/29/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.003	J		<0.0048	U		<0.0048	U	
		VMP-47-10-042516	4/25/2016	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0031	J		<0.006	U		<0.006	U	
		VMP-47-10-080216	8/2/2016	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0024	J		<0.0045	U		<0.0045	U	
		VMP-47-10-102616	10/26/2016	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.003	J		<0.0047	U		<0.0047	U	
	20 ft	VMP-47-20-020215	2/2/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-47-20-042815	4/28/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0028	J		<0.0059	U		<0.0059	U	
		VMP-47-20-072115	7/21/2015	0.0064			<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		<0.0075	J	U	<0.0061	U		<0.0061	U	
		VMP-47-20-102715	10/27/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
		VMP-47-20-012916	1/29/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0032	J		<0.0049	U		<0.0049	U	
		VMP-47-20-042516	4/25/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0022	J		<0.006	U		<0.0059	U	
		VMP-47-20-072516	7/25/2016	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0026	J		<0.0058	U		<0.0058	U	
		VMP-47-20-102616	10/26/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.005	U		<0.005	U	
	30 ft	VMP-47-30-020215	2/2/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U	
		VMP-47-30-020215-DUP	2/2/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-47-30-042815	4/28/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.002	J		<0.0048	U		<0.0048	U	
		VMP-47-30-042815-DUP	4/28/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0027	J		<0.0058	U		<0.0058	U	
		VMP-47-30-072115	7/21/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		<0.0073	J	U	<0.006	U		<0.006	U	
		VMP-47-30-102715	10/27/2015	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0025	J		<0.0046	U		<0.0046	U	
		VMP-47-30-102715-DUP	10/27/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-47-30-012916-DUP	1/29/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-47-30-042516	4/25/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0023	J		<0.0059	U		<0.0059	U	
		VMP-47-30-042516-DUP	4/25/2016	<0.0057	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0046	J		<0.0067	U		<0.0067	U	
		VMP-47-30-072516	7/25/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U	
		VMP-47-30-102616	10/26/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0027	J		<0.0056	U		<0.0056	U	
VMP-48	5 ft	VMP-48-5-020215	2/2/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0026	J		<0.0055	U		<0.0055	U	
		VMP-48-5-042815	4/28/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-48-5-072115	7/21/2015	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0026	J		<0.006	U		<0.006	U	
		VMP-48-5-102015	10/20/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0039	J		<0.0055	U		<0.0055	U	
		VMP-48-5-012916	1/29/2016	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0018	J		<0.0064	U		<0.0064	U	
		VMP-48-5-042516	4/25/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-48-5-072516	7/25/2016	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0032	J		<0.0062	U		<0.0062	U	
		VMP-48-5-102616	10/26/2016	0.0073			<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.002	J		<0.0046	U		<0.0046	U	
	10 ft	VMP-48-10-020215	2/2/2015	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0022	J		<0.0049	U		<0.0049	U	
		VMP-48-10-042815	4/28/2015	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-48-10-042815-DUP	4/28/2015	<0.0044	U		<0.0099	U		<0.0077	J	U	<0.0077	U		<0.0077	J	U	0.0028	J		<0.0052	U		<0.0052	U	
		VMP-48-10-072115	7/21/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-48-10-102015	10/20/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0032	J		<0.0055	U		<0.0055	U	
		VMP-48-10-012916	1/29/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-48-10-042516	4/25/2016	<0.0045	J	U	<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-48-10-072516	7/25/2016	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.004	J		<0.0058	U		<0.0058	U	
		VMP-48-10-102616	10/26/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
	20 ft	VMP-48-20-020215	2/2/2015	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0019	J		<0.0046	U		<0.0046	U	
		VMP-48-20-042815	4/28/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-48-20-102015	10/20/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0036	J		<0.0053	U		<0.0053	U	
		VMP-48-20-042516	4/25/2016	<0.0052	J	U	<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0043	J		<0.0061	U		<0.0061	U	
		VMP-48-20-102616	10/26/2016	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U	
	30 ft	VMP-48-30-020215	2/2/2015	0.0014	J		<0.0077	U		<0.006	U		<0.006	U		<0.006	U		0.0023	J		<0.0041	U		<0.0041	U	
		VMP-48-30-042815	4/28/2015	<0.0051	U		<0.011	U		0.0019	J		<0.0089	U		0.0019	J		0.0032	J		<0.006	U		0.0022	J	
		VMP-48-30-080315	8/3/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0034	J		<0.0059	U		<0.0059	U	
		VMP-48-30-102015	10/20/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0042	J		<0.0055	U		<0.0055	U	
		VMP-48-30-102015-DUP	10/20/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0046	J		<0.0055	U		<0.0055	U	
		VMP-48-30-012916	1/29/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0018	J		<0.0057	U		<0.0057	U	
		VMP-48-30-042516	4/25/2016	0.0062			<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0025	J		<0.0064	U		<0.0064	U	
		VMP-48-30-042516-DUP	4/25/2016	0.0046	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0035	J		<0.0056	U		<0.0056	U	
		VMP-48-30-072516	7/25/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0042	J		<0.005	U		<0.005	U	
		VMP-48-30-102616	10/26/2016	0.0052			<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U	
		VMP-48-30-102616-Dup	10/26/2016	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0024	J		<0.0052	U		<0.0052	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-020215	2/3/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-49-5-042815	4/28/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-49-5-073015	7/30/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0026	J		<0.0055	U		<0.0055	U	
		VMP-49-5-110315	11/3/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0042	J		<0.0058	U		<0.0058	U	
		VMP-49-5-020116	2/1/2016	0.0034	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-49-5-042616	4/26/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U	
		VMP-49-5-080116	8/1/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0033	J		<0.0052	U		<0.0052	U	
		VMP-49-5-102716	10/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
	10 ft	VMP-49-10-020215	2/3/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0018	J		<0.0053	U		<0.0053	U	
		VMP-49-10-042815	4/28/2015	<0.0064	U		<0.014	U		<0.011	U		<0.011	U		<0.011	U		0.0024	J		<0.0075	U		<0.0075	U	
		VMP-49-10-073015	7/30/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0028	J		<0.0061	U		<0.0061	U	
		VMP-49-10-110315	11/3/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0047	J		<0.0058	U		<0.0058	U	
		VMP-49-10-020116	2/1/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0026	J		<0.0059	U		<0.0059	U	
		VMP-49-10-042616	4/26/2016	<0.0055	U		<0.012	U		<0.0097	U		<0.0097	U		<0.0097	U		0.0028	J		<0.0065	U		<0.0065	U	
		VMP-49-10-080116	8/1/2016	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U	
		VMP-49-10-102716	10/27/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0021	J		<0.0055	U		<0.0055	U	
	20 ft	VMP-49-20-020215	2/3/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-49-20-073015	7/30/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-49-20-110315	11/3/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0037	J		<0.0049	U		<0.0049	U	
		VMP-49-20-020116	2/1/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-49-20-042616	4/26/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-49-20-080116	8/1/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0028	J		<0.0052	U		<0.0052	U	
		VMP-49-20-102716	10/27/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
	30 ft	VMP-49-30-020215	2/3/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-49-30-042815	4/28/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0017	J		<0.0062	U		<0.0062	U	
		VMP-49-30-073015	7/30/2015	2.3			<1.4	U		<1.1	U		<1.1	U		<1.1	U		<0.92	U		<0.76	U		<0.76	U	
		VMP-49-30-073015-DUP	7/30/2015	2.1			<1.4	U		<1.1	U		<1.1	U		<1.1	U		<0.9	U		<0.74	U		<0.74	U	
		VMP-49-30-110315	11/3/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0038	J		<0.0054	U		<0.0054	U	
		VMP-49-30-110315-DUP	11/3/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0041	J		<0.005	U		<0.005	U	
		VMP-49-30-020116	2/1/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-49-30-020116-DUP	2/1/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U	
		VMP-49-30-042716	4/27/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-49-30-042716-DUP	4/27/2016	0.0023	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0021	J		<0.005	U		<0.005	U	
		VMP-49-30-080116	8/1/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0026	J		<0.0058	U		<0.0058	U	
		VMP-49-30-080116-DUP	8/1/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.003	J		<0.0058	U		<0.0058	U	
		VMP-49-30-102716	10/27/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U	
VMP-50	5 ft	VMP-50-5-021015	2/10/2015	0.0037	J		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0026	J		<0.0052	U		<0.0052	U	
		VMP-50-5-050515	5/5/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0028	J		<0.006	U		<0.006	U	
		VMP-50-5-073015	7/30/2015	0.0021	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0025	J		<0.0058	U		<0.0058	U	
		VMP-50-5-110315	11/3/2015	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0046	J		<0.0046	U		<0.0046	U	
		VMP-50-5-020216	2/2/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0025	J		<0.0058	U		<0.0058	U	
		VMP-50-5-050316	5/3/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-50-5-080216	8/2/2016	<0.0062	U		<0.014	U		<0.011	U		<0.011	U		<0.011	U		0.0034	J		<0.0073	U		<0.0073	U	
		VMP-50-5-103116	10/31/2016	<0.0078	U		<0.017	U		<0.014	U		<0.014	U		<0.014	U		0.0022	J		<0.0092	U		<0.0092	U	
	10 ft	VMP-50-10-021015	2/10/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-50-10-050515	5/5/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-50-10-073015	7/30/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0029	J		<0.0061	U		<0.0061	U	
		VMP-50-10-110315	11/3/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0041	J		<0.0051	U		<0.0051	U	
		VMP-50-10-020216	2/2/2016	0.0019	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0029	J		<0.0049	U		<0.0049	U	
		VMP-50-10-050316	5/3/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-50-10-082616	8/26/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0033	J		<0.0052	U		<0.0052	U	
		VMP-50-10-103116	10/31/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0029	J		<0.0053	U		<0.0053	U	
	20 ft	VMP-50-20-021015	2/10/2015	<0.004	U		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0025	J		<0.0048	U		<0.0048	U	
		VMP-50-20-050515	5/5/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0032	J		<0.0058	U		<0.0058	U	
		VMP-50-20-073015	7/30/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.003	J		<0.0056	U		<0.0056	U	
		VMP-50-20-110315	11/3/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0049	J		<0.0056	U		<0.0056	U	
		VMP-50-20-020216	2/2/2016	<0.0057	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0032	J		<0.0068	U		<0.0068	U	
		VMP-50-20-050316	5/3/2016	<0.0055	U		<0.012	U		<0.0097	U		<0.0097	U		<0.0097	U		<0.008	U		<0.0065	U		<0.0065	U	
		VMP-50-20-082616	8/26/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0031	J		<0.0055	U		<0.0055	U	
		VMP-50-20-103116	10/31/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U	
	30 ft	VMP-50-30-021015	2/10/2015	71			<2.4	U		<1.9	U		<1.9	U		<1.9	U		<1.5	U		<1.3	U		<1.3	U	
		VMP-50-30-050515	5/5/2015	44			<2.3	U		<1.8	U		<1.8	U		<1.8	U		<1.4	U		<1.2	U		<1.2	U	
		VMP-50-30-061515-R	6/15/2015	45			<1	U		<0.83	U		<0.83	U		<0.83	U		<0.68	U		<0.56	U		<0.56	U	
		VMP-50-30-073015	7/30/2015	32			<1.5	U		<1.2	U		<1.2	U		<1.2	U		<0.97	U		<0.8	U		<0.8	U	
		VMP-50-30-110315	11/3/2015	32			<0.1	U		<0.081	U		<0.081	U		<0.081	U		<0.066	U		<0.054	U		<0.054	U	
		VMP-50-30-020216	2/2/2016	29			<3.1	U		<2.4	U		<2.4	U		<2.4	U		<2	U		<1.6	U		<1.6	U	
		VMP-50-30-020216-DUP	2/2/2016	33			<3.5	U		<2.8	U		<2.8	U		<2.8	U		<2.3	U		<1.8	U		<1.8	U	
		VMP-50-30-050316	5/3/2016	18			<0.37	U		<0.29	U		<0.29	U		<0.29	U		<0.24	U		<0.19	U		<0.19	U	
		VMP-50-30-080216	8/2/2016	12			0.13			<0.085	U		<0.085	U		<0.085	U		<0.07	U		<0.057	U		<0.057	U	
		VMP-50-30-103116	10/31/2016	16			<0.22	U		<0.17	U		<0.17	U		<0.17	U		<0.14	U		<0.11	U		<0.11	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020315	2/3/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-51-5-042915	4/29/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U	
		VMP-51-5-072115	7/21/2015	0.0022	J		<0.01	U		<0.0078	J	U	<0.0078	U		<0.0078	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-51-5-102815	10/28/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0028	J		<0.0061	U		<0.0061	U	
		VMP-51-5-012516	1/25/2016	<0.0039	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0025	J		<0.0046	U		<0.0046	U	
		VMP-51-5-042816	4/28/2016	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0028	J		<0.0057	U		<0.0057	U	
		VMP-51-5-072716	7/27/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0031	J		<0.0057	U		<0.0057	U	
		VMP-51-5-101916	10/19/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0025	J		<0.0057	U		<0.0057	U	
	10 ft	VMP-51-10-020315	2/3/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0049	U		<0.0049	U	
		VMP-51-10-042915	4/29/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0026	J		<0.0055	U		<0.0055	U	
		VMP-51-10-072115	7/21/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.002	J		<0.0061	U		<0.0061	U	
		VMP-51-10-102815	10/28/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-51-10-012516	1/25/2016	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.005	U	
		VMP-51-10-042816	4/28/2016	0.0027	J		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.002	J		<0.0055	U		<0.0055	U	
		VMP-51-10-042816-DUP	4/28/2016	0.0016	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-51-10-072716	7/27/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0028	J		<0.0059	U		<0.0059	U	
		VMP-51-10-101916	10/19/2016	<0.004	U		<0.0089	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0024	J		<0.0047	U		<0.0047	U	
	20 ft	VMP-51-20-020315	2/3/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-51-20-042915	4/29/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0042	J		<0.0051	U		<0.0051	U	
		VMP-51-20-072115	7/21/2015	0.0049	J		<0.014	U		<0.011	U		<0.011	U		<0.011	U		0.0025	J		<0.0072	U		<0.0072	U	
		VMP-51-20-102815	10/28/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0032	J		<0.0051	U		<0.0051	U	
		VMP-51-20-012516	1/25/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-51-20-042816	4/28/2016	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0024	J		<0.0064	U		<0.0064	U	
		VMP-51-20-052516-R	5/25/2016	<0.0047	U		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-51-20-072716	7/27/2016	<0.0055	U		<0.012	U		<0.0097	U		<0.0097	U		<0.0097	U		0.0023	J		<0.0065	U		<0.0065	U	
		VMP-51-20-101916-Dup	10/19/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0034	J		<0.0052	U		<0.0052	U	
		VMP-51-20-101916	10/19/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.002	J		<0.0051	U		<0.0051	U	
	30 ft	VMP-51-30-020315	2/3/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-51-30-020315-DUP	2/3/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-51-30-042915	4/29/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0028	J		<0.0055	U		<0.0055	U	
		VMP-51-30-042915-DUP	4/29/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-51-30-072115	7/21/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0027	J		<0.0052	U		<0.0052	U	
		VMP-51-30-102815	10/28/2015	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0024	J		<0.0063	U		<0.0063	U	
		VMP-51-30-012516	1/25/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0033	J		<0.0055	U		<0.0055	U	
		VMP-51-30-012516-DUP	1/25/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0034	J		<0.0054	U		<0.0054	U	
		VMP-51-30-042816	4/28/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0026	J		<0.0052	U		<0.0052	U	
		VMP-51-30-072716	7/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-51-30-072716-DUP	7/27/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-51-30-101916	10/19/2016	0.0021	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
VMP-52	5 ft	VMP-52-5-020415	2/4/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
		VMP-52-5-042915	4/29/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0037	J		<0.0059	U		<0.0059	U	
		VMP-52-5-072715	7/27/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0024	J		<0.006	U		<0.0059	U	
		VMP-52-5-102915	10/29/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U	
		VMP-52-5-012516	1/25/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0043	J		<0.0054	U		<0.0054	U	
		VMP-52-5-042516	4/25/2016	0.019			<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-52-5-072716	7/27/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0028	J		<0.006	U		<0.0059	U	
		VMP-52-5-102716	10/27/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
	10 ft	VMP-52-10-020415	2/4/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0019	J		<0.0053	U		<0.0053	U	
		VMP-52-10-042915	4/29/2015	<0.0057	U		<0.013	U		<0.0099	U		<0.0099	U		<0.0099	U		<0.0081	U		<0.0066	U		<0.0066	U	
		VMP-52-10-072715	7/27/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0027	J		<0.0055	U		<0.0055	U	
		VMP-52-10-102915	10/29/2015	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-52-10-012516	1/25/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0034	J		<0.0051	U		<0.0051	U	
		VMP-52-10-042516	4/25/2016	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	U		<0.0063	U		<0.0063	U	
		VMP-52-10-072716	7/27/2016	<0.0054	U		<0.012	U		<0.0094	U		<0.0094	U		<0.0094	U		0.0028	J		<0.0063	U		<0.0063	U	
		VMP-52-10-102716	10/27/2016	<0.0047	U		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
	20 ft	VMP-52-20-020415	2/4/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0055	U		<0.0055	U	
		VMP-52-20-042915	4/29/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0026	J		<0.0055	U		<0.0055	U	
		VMP-52-20-072715	7/27/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-52-20-102915	10/29/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-52-20-012516	1/25/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0038	J		<0.0056	U		<0.0056	U	
		VMP-52-20-042516	4/25/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-52-20-072716	7/27/2016	<0.0056	U		<0.013	U		<0.0099	U		<0.0099	U		<0.0099	U		0.0026	J		<0.0066	U		<0.0066	U	
		VMP-52-20-102716	10/27/2016	0.0016	J		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0031	J		<0.0051	U		<0.0051	U	
	30 ft	VMP-52-30-020415	2/4/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-52-30-020415-DUP	2/4/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-52-30-042915	4/29/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0029	J		<0.0049	U		<0.0049	U	
		VMP-52-30-072715	7/27/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-52-30-102915	10/29/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-52-30-020216-R	2/2/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-52-30-042516	4/25/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U	
		VMP-52-30-072716	7/27/2016	<0.0057	U		<0.013	U		<0.0099	U		<0.0099	U		<0.0099	U		0.002	J		<0.0067	U		<0.0067	U	
		VMP-52-30-102716	10/27/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0024	J		<0.006	U		<0.006	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane 0.0078			1,2-Dichlorobenzene 290			1,3-Dichlorobenzene			1,4-Dichlorobenzene 1200			Dichlorodifluoromethane 270			1,1-Dichloroethane 690			1,2-Dichloroethane 0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	5 ft	VMP-53-5-020415	2/4/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-53-5-050415	5/4/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0023	J		<0.006	U		<0.0059	U	
		VMP-53-5-072415	7/24/2015	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0031	J		<0.0062	U		<0.0062	U	
		VMP-53-5-102815	10/28/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0027	J		<0.006	U		<0.006	U	
		VMP-53-5-012816	1/28/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-53-5-042816	4/28/2016	0.0054			<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-53-5-072916	7/29/2016	0.00088	J		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0023	J		<0.0064	U		<0.0064	U	
		VMP-53-5-102516	10/25/2016	0.0057			<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0027	J		<0.0055	U		<0.0055	U	
		VMP-53-5-120916	12/9/2016	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
	10 ft	VMP-53-10-020415	2/4/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-53-10-050415	5/4/2015	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-53-10-072415	7/24/2015	0.0044	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U	
		VMP-53-10-102815	10/28/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0031	J		<0.0052	U		<0.0052	U	
		VMP-53-10-012816	1/28/2016	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0025	J		<0.0064	U		<0.0064	U	
		VMP-53-10-042816	4/28/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U	
		VMP-53-10-082616	8/26/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0031	J		<0.0051	U		<0.0051	U	
		VMP-53-10-102516	10/25/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U	
		VMP-53-10-120916	12/9/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0027	J		<0.0052	U		<0.0052	U	
	20 ft	VMP-53-20-020415	2/4/2015	<0.0096	U		<0.021	U		<0.017	U		<0.017	U		<0.017	U		<0.014	U		<0.011	U		<0.011	U	
		VMP-53-20-050415	5/4/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-53-20-072415	7/24/2015	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0025	J		<0.0062	U		<0.0062	U	
		VMP-53-20-102815	10/28/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.003	J		<0.006	U		<0.006	U	
		VMP-53-20-021616	2/16/2016	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		0.0029	J		<0.0065	U		<0.0065	U	
		VMP-53-20-042816	4/28/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-53-20-072916	7/29/2016	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0039	J		<0.0062	U		<0.0062	U	
		VMP-53-20-102516	10/25/2016	0.0021	J		<0.018	U		<0.014	U		<0.014	U		<0.014	U		0.003	J		<0.0095	U		<0.0095	U	
		VMP-53-20-120916	12/9/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U	
	30 ft	VMP-53-30-020415	2/4/2015	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-53-30-050415	5/4/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0029	J		<0.0061	U		<0.0061	U	
		VMP-53-30-072415	7/24/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0029	J		<0.0057	U		<0.0057	U	
		VMP-53-30-102815	10/28/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	J	U	0.0018	J		<0.006	U		<0.006	U	
		VMP-53-30-012816	1/28/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0027	J		<0.0055	U		<0.0055	U	
		VMP-53-30-042816	4/28/2016	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0032	J		<0.0062	U		<0.0062	U	
		VMP-53-30-052516-R	5/25/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-53-30-072916	7/29/2016	0.00074	J		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0035	J		<0.0044	U		<0.0044	U	
		VMP-53-30-102516	10/25/2016	<0.0086	U		<0.019	U		<0.015	U		<0.015	U		<0.015	U		0.0024	J		<0.01	U		<0.01	U	
		VMP-53-30-120916	12/9/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0027	J		<0.0058	U		<0.0058	U	
VMP-54	5 ft	VMP-54-5-020515	2/5/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.003	J		<0.0051	U		<0.0051	U	
		VMP-54-5-050415	5/4/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0052	U		<0.0052	U	
		VMP-54-5-072415	7/24/2015	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0027	J		<0.0063	U		<0.0063	U	
		VMP-54-5-102715	10/27/2015	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U	
		VMP-54-5-012816	1/28/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.003	J		<0.0058	U		<0.0058	U	
		VMP-54-5-042916	4/29/2016	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-54-5-080116	8/1/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0044	J		<0.0056	U		<0.0056	U	
		VMP-54-5-102816	10/28/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.005	U		<0.005	U	
	10 ft	VMP-54-10-020515	2/5/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.003	J		<0.0058	U		<0.0058	U	
		VMP-54-10-050415	5/4/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0024	J		<0.006	U		<0.006	U	
		VMP-54-10-072415	7/24/2015	<0.0057	U		<0.013	U		<0.0099	U		<0.0099	U		<0.0099	U		0.0031	J		<0.0066	U		<0.0066	U	
		VMP-54-10-102715	10/27/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0033	J		<0.0051	U		<0.0051	U	
		VMP-54-10-012816	1/28/2016	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-54-10-042916	4/29/2016	0.0028	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0023	J		<0.0058	U		<0.0058	U	
		VMP-54-10-080116	8/1/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.003	J		<0.006	U		<0.006	U	
		VMP-54-10-102816	10/28/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U	
	20 ft	VMP-54-20-020515	2/5/2015	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0028	J		<0.0047	U		<0.0047	U	
		VMP-54-20-050415	5/4/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0029	J		<0.0057	U		<0.0057	U	
		VMP-54-20-072415	7/24/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0031	J		<0.0062	U		<0.0062	U	
		VMP-54-20-102715	10/27/2015	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.003	J		<0.0047	U		<0.0047	U	
		VMP-54-20-102715-DUP	10/27/2015	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0.0047	U	
		VMP-54-20-012816	1/28/2016	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0036	J		<0.0061	U		<0.0061	U	
		VMP-54-20-050516	5/5/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U	
		VMP-54-20-050516-DUP	5/5/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U	
		VMP-54-20-080116	8/1/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0032	J		<0.0059	U		<0.0059	U	
		VMP-54-20-102816	10/28/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0031	J		<0.0055	U		<0.0055	U	
	30 ft	VMP-54-30-021215	2/12/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U	
		VMP-54-30-050415	5/4/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0027	J		<0.0059	U		<0.0059	U	
		VMP-54-30-080315	8/3/2015	<0.0053	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0036	J		<0.0062	U		0.00089	J	
		VMP-54-30-102715	10/27/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U	
		VMP-54-30-012816	1/28/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0028	J		<0.0059	U		<0.0059	U	
		VMP-54-30-042916	4/29/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-54-30-042916-DUP	4/29/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-54-30-080116	8/1/2016	0.0027	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-54-30-102816	10/28/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0053	U		<0.0053	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane 0.0078			1,2-Dichlorobenzene 290			1,3-Dichlorobenzene			1,4-Dichlorobenzene 1200			Dichlorodifluoromethane 270			1,1-Dichloroethane 690			1,2-Dichloroethane 0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-020515	2/5/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0052	U		<0.0052	U	
		VMP-55-5-050615	5/6/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U	
		VMP-55-5-110215	11/2/2015	0.1			<0.072	U		<0.056	U		<0.056	U		<0.056	U		<0.046	U		<0.038	U		<0.038	U	
		VMP-55-5-020416	2/4/2016	<0.045	U		<0.1	U		<0.079	U		<0.079	U		<0.079	U		<0.065	U		<0.053	U		<0.053	U	
		VMP-55-5-082616	8/26/2016	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0017	J		<0.0062	U		<0.0062	U	
	20 ft	VMP-55-20-020515	2/5/2015	<0.44	U		<0.99	U		<0.78	U		<0.78	U		<0.78	U		<0.64	U		<0.52	U		<0.52	U	
		VMP-55-20-050615	5/6/2015	6			<6.5	U		<5.1	U		<5.1	U		<5.1	U		<4.2	U		<3.4	U		<3.4	U	
		VMP-55-20-072915	7/29/2015	<0.047	U		<0.1	U		<0.082	U		<0.082	U		<0.082	U		<0.068	U		<0.055	U		<0.055	U	
		VMP-55-20-072915-DUP	7/29/2015	<0.05	U		<0.11	U		<0.087	U		<0.087	U		<0.087	U		<0.072	U		<0.059	U		<0.059	U	
		VMP-55-20-110215	11/2/2015	480			<3.1	U		<2.4	U		<2.4	U		<2.4	U		<2	U		<1.6	U		<1.6	U	
		VMP-55-20-020416	2/4/2016	210			<1	U		<0.8	U		<0.8	U		<0.8	U		<0.66	U		<0.54	U		<0.54	U	
		VMP-55-20-020416-DUP	2/4/2016	200		J	<0.92	U		<0.72	U		<0.72	U		<0.72	U		<0.59	U		<0.48	U		<0.48	U	
		VMP-55-20-050416	5/4/2016	260		J	<1.4	U		<1.1	U		<1.1	U		<1.1	U		<0.9	U		<0.74	U		<0.74	U	
		VMP-55-20-080316	8/3/2016	190		J	<0.71	U		<0.56	U		<0.56	U		<0.56	U		<0.46	U		<0.38	U		<0.38	U	
		VMP-55-20-110116	11/1/2016	60			<1.1	U		<0.83	U		<0.83	U		<0.83	U		<0.68	U		<0.56	U		<0.56	U	
	30 ft	VMP-55-30-030915	3/9/2015	91			<2.6	U		<2.1	U		<2.1	U		<2.1	U		<1.7	U		<1.4	U		<1.4	U	
		VMP-55-30-050615	5/6/2015	39			<9	U		<7.1	U		<7.1	U		<7.1	U		<5.8	U		<4.8	U		<4.8	U	
		VMP-55-30-050615-DUP	5/6/2015	40			<9.1	U		<7.1	U		<7.1	U		<7.1	U		<5.9	U		<4.8	U		<4.8	U	
		VMP-55-30-061515-Dup-R	6/15/2015	9.4			<0.12	U		<0.095	U		<0.095	U		<0.095	U		<0.078	U		<0.064	U		<0.064	U	
		VMP-55-30-061515-R	6/15/2015	9.8			<0.098	U		<0.077	U		<0.077	U		<0.077	U		<0.063	U		<0.052	U		<0.052	U	
VMP-56	10 ft	VMP-56-10-021015	2/10/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-56-10-110315	11/3/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.003	J		<0.0051	U		<0.0051	U	
		VMP-56-10-020416	2/4/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-56-10-050516	5/5/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U	
		VMP-56-10-072716	7/27/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0027	J		<0.0056	U		<0.0056	U	
		VMP-56-10-102416	10/24/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
	25 ft	VMP-56-25-021015	2/10/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-56-25-050715	5/7/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.002	J		<0.0057	U		<0.0057	U	
		VMP-56-25-073115	7/31/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0021	J		<0.006	U		<0.006	U	
		VMP-56-25-110315	11/3/2015	0.0032	J		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0054	J		<0.0052	U		<0.0052	U	
		VMP-56-25-020416	2/4/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0018	J		<0.0051	U		<0.0051	U	
		VMP-56-25-050516	5/5/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0023	J		<0.0059	U		<0.0059	U	
		VMP-56-25-050516-DUP	5/5/2016	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0023	J		<0.0061	U		<0.0061	U	
		VMP-56-25-072716	7/27/2016	<0.0057	U		<0.013	U		<0.0099	U		<0.0099	U		<0.0099	U		<0.0082	U		<0.0067	U		<0.0067	U	
		VMP-56-25-102416	10/24/2016	0.001	J		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0028	J		<0.0052	U		<0.0052	U	
	38.5 ft	VMP-56-38.5-021015	2/10/2015	410			<10	U		<8	U		<8	U		<8	U		<6.6	U		<5.4	U		<5.4	U	
		VMP-56-38.5-050715	5/7/2015	1100			<120	U		<92	U		<92	U		<92	U		<76	U		<62	U		<62	U	
		VMP-56-38.5-061515-R	6/15/2015	730			<11	U		<8.9	U		<8.9	U		<8.9	U		<7.3	U		<6	U		<6	U	
		VMP-56-38.5-073115	7/31/2015	230			<9.9	U		<7.8	U		<7.8	U		<7.8	U		<6.4	U		<5.2	U		<5.2	U	
		VMP-56-38.5-073115-DUP	7/31/2015	250			<37	U		<29	U		<29	U		<29	U		<24	U		<19	U		<19	U	
		VMP-56-38.5-110315	11/3/2015	600			<12	U		<9.1	U		<9.1	U		<9.1	U		<7.5	U		<6.1	U		<6.1	U	
		VMP-56-38.5-110315-DUP	11/3/2015	550			<84	U		<66	U		<66	U		<66	U		<54	U		<44	U		<44	U	
		VMP-56-38.5-020416	2/4/2016	<29	U		<65	U		<51	U		<51	U		<51	U		<42	U		<34	U		<34	U	
VMP-62	5 ft	VMP-62-5-020315	2/3/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-62-5-042815	4/28/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0027	J		<0.0059	U		<0.0059	U	
		VMP-62-5-072415	7/24/2015	0.00078	J		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0023	J		<0.006	U		<0.006	U	
		VMP-62-5-102015	10/20/2015	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0033	J		<0.0044	U		<0.0044	U	
		VMP-62-5-012816	1/28/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0019	J		<0.0053	U		<0.0053	U	
		VMP-62-5-042516	4/25/2016	<0.0042	J	U	<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0034	J		<0.0049	U		<0.0049	U	
		VMP-62-5-072616	7/26/2016	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0029	J		<0.0061	U		<0.0061	U	
		VMP-62-5-102416	10/24/2016	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0052	U		<0.0052	U	
	10 ft	VMP-62-10-020315	2/3/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0052	U		<0.0052	U	
		VMP-62-10-042815	4/28/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0025	J		<0.0055	U		<0.0055	U	
		VMP-62-10-072415	7/24/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0031	J		<0.0055	U		<0.0055	U	
		VMP-62-10-102015	10/20/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0041	J		<0.0056	U		<0.0056	U	
		VMP-62-10-012816	1/28/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0018	J		<0.0051	U		<0.0051	U	
		VMP-62-10-042516	4/25/2016	<0.0053	J	U	<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0024	J		<0.0062	U		<0.0062	U	
		VMP-62-10-072616	7/26/2016	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		<0.0078	U		<0.0064	U		<0.0064	U	
		VMP-62-10-102416	10/24/2016	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0026	J		<0.0044	U		<0.0044	U	
	20 ft	VMP-62-20-020315	2/3/2015	<0.0051	U		<0.011	U		0.00073	J		0.00084	J		<0.0089	U		0.0024	J		<0.006	U		<0.006	U	
		VMP-62-20-042815	4/28/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0039	J		<0.0057	U		<0.0057	U	
		VMP-62-20-072415	7/24/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0053	U		<0.0053	U	
		VMP-62-20-102015	10/20/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0041	J		<0.0051	U		<0.0051	U	
		VMP-62-20-012816	1/28/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0016	J		<0.006	U		<0.006	U	
		VMP-62-20-042516	4/25/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.003	J		<0.0051	U		<0.0051	U	
		VMP-62-20-072616	7/26/2016	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U	
		VMP-62-20-102416	10/24/2016	0.0021	J		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0.0047	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	30 ft	VMP-62-30-020315	2/3/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-62-30-042815	4/28/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U	
		VMP-62-30-072415	7/24/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.003	J		<0.0057	U		<0.0057	U	
		VMP-62-30-102015	10/20/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0034	J		<0.0053	U		<0.0053	U	
		VMP-62-30-012816	1/28/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0018	J		<0.0059	U		<0.0059	U	
		VMP-62-30-012816-DUP	1/28/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0017	J		<0.0051	U		<0.0051	U	
		VMP-62-30-042516	4/25/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
		VMP-62-30-072616	7/26/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		<0.0072	U		<0.0059	U		<0.0059	U	
		VMP-62-30-072616-DUP	7/26/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		<0.0072	U		<0.0059	U		<0.0059	U	
		VMP-62-30-102416	10/24/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-62-30-102416-Dup	10/24/2016	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U	
VMP-63	5 ft	VMP-63-5-020315	2/3/2015	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-63-5-042815	4/28/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U	
		VMP-63-5-072415	7/24/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0021	J		<0.0057	U		<0.0057	U	
		VMP-63-5-102615	10/26/2015	0.0011	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0027	J		<0.0054	U		<0.0054	U	
		VMP-63-5-012816	1/28/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0033	J		<0.0053	U		<0.0053	U	
		VMP-63-5-042616	4/26/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-63-5-072516	7/25/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0028	J		<0.0059	U		<0.0059	U	
		VMP-63-5-102416	10/24/2016	0.00086	J		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0025	J		<0.0052	U		<0.0052	U	
	10 ft	VMP-63-10-020315	2/3/2015	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-63-10-042815	4/28/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0029	J		<0.0056	U		<0.0056	U	
		VMP-63-10-072415	7/24/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0023	J		<0.0054	U		<0.0054	U	
		VMP-63-10-102615	10/26/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0046	J		<0.0056	U		<0.0056	U	
		VMP-63-10-012816	1/28/2016	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-63-10-042616	4/26/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.003	J		<0.006	U		<0.006	U	
		VMP-63-10-072516	7/25/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0053	J		<0.0057	U		<0.0057	U	
		VMP-63-10-102416	10/24/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U	
	20 ft	VMP-63-20-020315	2/3/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-63-20-020315-DUP	2/3/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0.0048	U	
		VMP-63-20-042815	4/28/2015	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0021	J		<0.0052	U		<0.0052	U	
		VMP-63-20-072415	7/24/2015	0.0012	J		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-63-20-102615	10/26/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-63-20-012816	1/28/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0033	J		<0.0054	U		<0.0054	U	
		VMP-63-20-042616	4/26/2016	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0034	J		<0.0061	U		<0.0061	U	
		VMP-63-20-042616-DUP	4/26/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-63-20-072516	7/25/2016	0.0018	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0034	J		<0.0057	U		<0.0057	U	
		VMP-63-20-102416	10/24/2016	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0019	J		<0.0062	U		<0.0062	U	
	30 ft	VMP-63-30-020315	2/3/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.0051	U	
		VMP-63-30-042815	4/28/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-63-30-072415	7/24/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-63-30-102615	10/26/2015	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0029	J		<0.0045	U		<0.0045	U	
		VMP-63-30-102615-DUP	10/26/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-63-30-012816	1/28/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0053	U		<0.0053	U	
		VMP-63-30-042616	4/26/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-63-30-072516	7/25/2016	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0041	J		<0.0062	U		<0.0062	U	
		VMP-63-30-072516-DUP	7/25/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0033	J		<0.0057	U		<0.0057	U	
		VMP-63-30-102416	10/24/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0025	J		<0.0051	U		<0.0051	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-020315	2/3/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0032	J		<0.0052	U		<0.0052	U	
		VMP-64-5-042815	4/28/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-64-5-072415	7/24/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-64-5-102615	10/26/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	J	U	0.0027	J		<0.0048	U		<0.0048	U	
		VMP-64-5-012816	1/28/2016	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0028	J		<0.0057	U		<0.0057	U	
		VMP-64-5-042616	4/26/2016	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		0.0022	J		<0.0064	U		<0.0064	U	
		VMP-64-5-080216	8/2/2016	0.067		J	<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0028	J		<0.0055	U		<0.0055	U	
		VMP-64-5-080216-DUP	8/2/2016	0.022		J	<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0031	J		<0.006	U		<0.006	U	
		VMP-64-5-102416	10/24/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0049	U		<0.0049	U	
	10 ft	VMP-64-10-020315	2/3/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-64-10-042815	4/28/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0024	J		<0.006	U		<0.0059	U	
		VMP-64-10-072415	7/24/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-64-10-102615	10/26/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0056	J		<0.006	U		<0.006	U	
		VMP-64-10-012816	1/28/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-64-10-042616	4/26/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-64-10-072216	7/22/2016	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0029	J		<0.0044	U		<0.0044	U	
		VMP-64-10-102416	10/24/2016	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0026	J		<0.0048	U		<0.0048	U	
	20 ft	VMP-64-20-020315	2/3/2015	0.0022	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-64-20-042815	4/28/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-64-20-072415	7/24/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U	
		VMP-64-20-102615	10/26/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0029	J		<0.0057	U		<0.0057	U	
		VMP-64-20-012816	1/28/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-64-20-042616	4/26/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U	
		VMP-64-20-042616-DUP	4/26/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-64-20-072216	7/22/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0029	J		<0.0052	U		<0.0052	U	
		VMP-64-20-072216-DUP	7/22/2016	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-64-20-102416	10/24/2016	<0.004	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.002	J		<0.0046	U		<0.0046	U	
		VMP-64-20-102416-Dup	10/24/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0021	J		<0.0052	U		<0.0052	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-020915	2/9/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-1-5-050515	5/5/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-1-5-073015	7/30/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0037	J		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-1-5-110315	11/3/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.013	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-1-5-020316	2/3/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-1-5-050316	5/3/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-1-5-072516	7/25/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-1-5-102816	10/28/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	8.5 ft	VMP-1-8-020915	2/9/2015	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-1-8.5-050515	5/5/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-1-8.5-073015	7/30/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0082	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-1-8.5-110315	11/3/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-1-8.5-020316	2/3/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-1-8.5-050316	5/3/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.0089	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-1-8.5-072516	7/25/2016	<0.0049	U		<0.0049	U		<0.0049	U		0.029	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-1-8.5-102816	10/28/2016	<0.0044	U		<0.0044	U		<0.0044	U		0.0053	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
	23.5 ft	VMP-1-23.5-020915	2/9/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-1-23.5-050515	5/5/2015	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-1-23.5-073015	7/30/2015	<0.0061	U		<0.0061	U		<0.0061	U		0.0057	J		<0.0071	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-1-23.5-110315	11/3/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0032	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-1-23.5-020316	2/3/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-1-23.5-050316	5/3/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-1-23.5-050316-DUP	5/3/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-1-23.5-072516	7/25/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-1-23.5-072516-DUP	7/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP1-23.5-102816	10/28/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.0045	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	38.5 ft	VMP-1-38.5-020915	2/9/2015	0.26	J		<0.52	U		<0.52	U		<4.6	U		0.22	J		<0.6	U		<0.6	U		<1.9	U	
		VMP-1-38.5-020915-DUP	2/9/2015	<0.5	U		<0.5	U		<0.5	U		<4.4	U		<0.59	U		<0.58	U		<0.58	U		<1.8	U	
		VMP-1-38.5-050515	5/5/2015	<0.52	U		<0.52	U		<0.52	U		<0.46	U		<0.61	U		<0.6	U		<0.6	U		<1.9	U	
		VMP-1-38.5-061515-R	6/15/2015	<0.058	U		<0.058	U		<0.058	U		<0.05	U		<0.067	U		<0.066	U		<0.066	U		<0.21	U	
		VMP-1-38.5-073015	7/30/2015	<0.0058	U		<0.0058	U		<0.0058	U		0.0062	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
VMP-2	5 ft	VMP-2-5-021015	2/10/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-2-5-050615	5/6/2015	<0.0058	U		<0.0058	U		<0.0058	U		0.0017	J	J	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-2-5-110415	11/4/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-2-5-020116	2/1/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-2-5-042716	4/27/2016	<0.0062	U		<0.0062	U		<0.0062	U		0.0017	J		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-2-5-072616	7/26/2016	<0.0052	U		<0.0052	U		<0.0052	U		0.0018	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-2-5-102616	10/26/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
	8.5 ft	VMP-2-8.5-021015	2/10/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-2-8.5-050615	5/6/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-2-8.5-110415	11/4/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.0045	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-2-8.5-021616	2/16/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		0.0019	J	
		VMP-2-8.5-042716	4/27/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-2-8.5-072616	7/26/2016	<0.0058	U		<0.0058	U		<0.0058	U		0.0029	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-2-8.5-102616	10/26/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
	22 ft	VMP-2-22-021015	2/10/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-2-22-021015-DUP	2/10/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-2-22-050615	5/6/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-2-22-073015	7/30/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0041	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-2-22-110415	11/4/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0044	J		<0.0061	U		<0.006	U		<0.006	U		0.0033	J	
		VMP-2-22-020116	2/1/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-2-22-020116-DUP	2/1/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-2-22-042716	4/27/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0074	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-2-22-072616	7/26/2016	<0.0057	U		<0.0057	U		<0.0057	U		0.003	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-2-22-102616	10/26/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
	42 ft	VMP-2-42-021015	2/10/2015	<4.7	U		<4.7	U		<4.7	U		<4.1	U		<5.5	U		<5.4	U		<5.4	U		<17	U	
		VMP-2-42-050615	5/6/2015	<67	U		<67	U		<67	U		<59	U		<78	U		<77	U		<77	U		<240	U	
		VMP-2-42-061515-R	6/15/2015	<54	U		<54	U		<54	U		<47	U		<63	U		<62	U		<62	U		<200	U	
		VMP-2-42-073015	7/30/2015	<320	U		<320	U		<320	U		160	J		<370	U		<370	U		<370	U		<1200	U	
VMP-3	5 ft	VMP-3-5-020915	2/9/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-3-5-050415	5/4/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.0029	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-3-5-072915	7/29/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0034	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-3-5-110515	11/5/2015	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	J	U	<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-3-5-021616	2/16/2016	<0.0046	U		<0.0046	U		<0.0046	U		0.0026	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-3-5-042716	4/27/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-3-5-080116	8/1/2016	<0.0078	U		<0.0078	U		<0.0078	U		<0.068	U		<0.009	U		<0.0089	U		<0.0089	U		<0.028	U	
		VMP-3-5-102616	10/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10-020915	2/9/2015	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-3-10-050415	5/4/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0024	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-3-10-072915	7/29/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-3-10-110315	11/3/2015	<0.0055	U		0.0094			<0.0055	U		0.005	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-3-10-021616	2/16/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-3-10-042716	4/27/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-3-10-080216	8/2/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-3-10-102616	10/26/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U		<0.022	U	
	22 ft	VMP-3-22-020915	2/9/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-3-22-050815	5/8/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-3-22-072915	7/29/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-3-22-110315	11/3/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0049	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-3-22-021616	2/16/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-3-22-042716	4/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-3-22-080116	8/1/2016	<0.007	U		<0.007	U		<0.007	U		<0.061	U		<0.0082	U		<0.008	U		<0.008	U		<0.025	U	
		VMP-3-22-102616	10/26/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
	31.5 ft	VMP-3-31.5-020915	2/9/2015	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-3-31.5-110315	11/3/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0056	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-3-31.5-020116	2/1/2016	<0.0067	U		<0.0067	U		<0.0067	U		<0.058	U		<0.0078	U		<0.0076	U		<0.0076	U		<0.024	U	
		VMP-3-31.5-042716	4/27/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-3-31.5-080116	8/1/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-3-31.5-102616	10/26/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	39 ft	VMP-3-39-020915	2/9/2015	<16	U		<16	U		<16	U		<140	U		<18	U		<18	U		<18	U		<57	U	
		VMP-3-39-110315	11/3/2015	<0.0049	U		<0.0049	U		<0.0049	U		0.011	J		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-3-39-020116	2/1/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-3-39-020116-DUP	2/1/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
VMP-4	5 ft	VMP-4-5-021015	2/10/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-4-5-110215	11/2/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.0047	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-4-5-020316	2/3/2016	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-4-5-050516	5/5/2016	<0.23	U		<0.23	U		<0.23	U		<2	U		<0.27	U		<0.26	U		<0.26	U		<0.84	U	
		VMP-4-5-080216	8/2/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-4-5-102816	10/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	12 ft	VMP-4-12-021015	2/10/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-4-12-051115	5/11/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-4-12-080315	8/3/2015	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-4-12-110215	11/2/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0041	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-4-12-020316	2/3/2016	<0.005	U		<0.005	U		<0.005	U		0.003	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-4-12-050316	5/3/2016	<0.0055	U		<0.0055	U		<0.0055	U		0.0024	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-4-12-080216	8/2/2016	<0.0065	U		<0.0065	U		<0.0065	U		<0.057	U		<0.0076	U		<0.0074	U		<0.0074	U		<0.024	U	
		VMP-4-12-102816	10/28/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
	23.5 ft	VMP-4-23.5-021015	2/10/2015	<0.58	U		<0.58	U		<0.58	U		<5.1	U		<0.68	U		<0.66	U		<0.66	U		<2.1	U	
		VMP-4-23.5-050815	5/8/2015	<0.55	U		<0.55	U		<0.55	U		<4.8	U		<0.64	U		<0.63	U		<0.63	U		<2	U	
		VMP-4-23.5-061515-R	6/15/2015	<0.059	U		<0.059	U		<0.059	U		<0.052	U		<0.069	U		<0.068	U		<0.068	U		<0.21	U	
		VMP-4-23.5-073015	7/30/2015	<0.22	U		<0.22	U		<0.22	U		<0.19	U		<0.26	U		<0.25	U		<0.25	U		<0.8	U	
		VMP-4-23.5-110215	11/2/2015	<0.11	U		<0.11	U		<0.11	U		<0.096	U		<0.13	U		<0.12	U		<0.12	U		<0.4	U	
		VMP-4-23.5-020316	2/3/2016	<0.94	U		<0.94	U		<0.94	U	UJ	<0.82	U		<1.1	U		<1.1	U		<1.1	U		<3.4	U	
		VMP-4-23.5-020316-DUP	2/3/2016	<0.9	U		<0.9	U		<0.9	U	UJ	<0.79	U		<1	U		<1	U		<1	U		<3.3	U	
		VMP-4-23.5-050316	5/3/2016	<0.072	U		<0.072	U		<0.072	U		<0.063	U		<0.084	U		<0.083	U		<0.083	U		<0.26	U	
		VMP-4-23.5-080216	8/2/2016	<0.27	U		<0.27	U		<0.27	U		0.47	J		<0.31	U		<0.31	U		<0.31	U		<0.97	U	
		VMP-4-23.5-080216-DUP	8/2/2016	<0.27	U		<0.27	U		<0.27	U		0.6	J		<0.32	U		<0.31	U		<0.31	U		<0.99	U	
		VMP-4-23.5-092316-DUP-R	9/23/2016	<0.059	U		<0.059	U		<0.059	U		<0.21	U		<0.069	U		<0.067	U		<0.067	U		<0.21	U	
		VMP-4-23.5-092316-R	9/23/2016	<0.063	U		<0.063	U		<0.063	U		<0.22	U		<0.074	U		<0.073	U		<0.073	U		<0.23	U	
		VMP-4-23.5-102816	10/28/2016	<0.056	U		<0.056	U		<0.056	U		<0.2	U		<0.065	U		<0.064	U		<0.064	U		<0.2	U	
VMP-5	5 ft	VMP-5-5-013015	1/30/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-5-042915	4/29/2015	<0.0052	U		<0.0052	J	U	<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-5-072915	7/29/2015	<0.0069	U		<0.0069	U		<0.0069	U		<0.061	U		<0.0081	U		<0.0079	U		<0.0079	U		<0.025	U	
		VMP-5-5-102915	10/29/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0051	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-5-5-012516	1/25/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-5-5-042816	4/28/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-5-5-072816	7/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-5-5-102516	10/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
	12.5 ft	VMP-5-12.5-013015	1/30/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-5-12.5-042915	4/29/2015	<0.0057	U		<0.0057	J	U	<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-5-12.5-072915	7/29/2015	<0.0062	U		<0.0062	U		<0.0062	U		<0.055	U		<0.0073	U		<0.0071	U		<0.0071	U		<0.023	U	
		VMP-5-12.5-102915	10/29/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0052	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-5-12.5-012516	1/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-5-12.5-042816	4/28/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-5-12.5-072816	7/28/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-5-12.5-102516	10/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31-013015	1/30/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-5-31-042915	4/29/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	J	U
		VMP-5-31-072915	7/29/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-5-31-102915	10/29/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-31-030916-R	3/9/2016	<0.0049	U		<0.0049	U		<0.0049	U		0.0028	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-5-31-042816	4/28/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-5-31-072816	7/28/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-5-31-102516	10/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
	40 ft	VMP-5-40-013015	1/30/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-40-042915	4/29/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-5-40-072915	7/29/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-5-40-102915	10/29/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-5-40-012516	1/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-5-40-012516-DUP	1/25/2016	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-5-40-042816	4/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-5-40-072816	7/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		0.0052	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-40-102516	10/26/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
VMP-6	5 ft	VMP-6-5-020915	2/9/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-6-5-042915	4/29/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-6-5-072715	7/27/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0026	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-6-5-102915	10/29/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-6-5-020116	2/1/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-6-5-042516	4/25/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-6-5-072816	7/28/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-6-5-102816	10/28/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
	10 ft	VMP-6-10-020915	2/9/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-6-10-042915	4/29/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-6-10-072715	7/27/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-6-10-102915	10/29/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		0.0075	J	
		VMP-6-10-020116	2/1/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-6-10-042516	4/25/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-6-10-072816	7/28/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-6-10-102816	10/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	31.5 ft	VMP-6-31.5-020915	2/9/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-6-31.5-042915	4/29/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-6-31.5-042915-DUP	4/29/2015	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	J	U
		VMP-6-31.5-072715	7/27/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-6-31.5-112515	11/25/2015	<0.0094	U		<0.0094	U		<0.0094	U		0.023	J		<0.011	U		<0.011	U		<0.011	U		<0.034	U	
		VMP-6-31.5-020116	2/1/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-6-31.5-042516	4/25/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-6-31.5-072816	7/28/2016	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-6-31.5-102816	10/28/2016	<0.0083	U		<0.0083	U		<0.0083	U		<0.073	U		<0.0097	U		<0.0095	U		<0.0095	U		<0.03	U	
	39 ft	VMP-6-39-020915	2/9/2015	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-6-39-020915-DUP	2/9/2015	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-6-39-042915	4/29/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-6-39-072715	7/27/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-6-39-072715-DUP	7/27/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-6-39-102915	10/29/2015	<0.017	U		<0.017	U		<0.017	U		0.017	J		<0.02	U		<0.02	U		<0.02	U		<0.062	U	
		VMP-6-39-102915-DUP	10/29/2015	<0.017	U		<0.017	U		<0.017	U		<0.15	U		<0.02	U		<0.02	U		<0.02	U		<0.063	U	
		VMP-6-39-020116	2/1/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-6-39-020116-DUP	2/1/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-6-39-042516	4/25/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-6-39-072816	7/28/2016	<0.0065	U		<0.0065	U		<0.0065	U		<0.057	U		<0.0076	U		<0.0074	U		<0.0074	U		<0.024	U	
		VMP-6-39-102816	10/28/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
VMP-7	5 ft	VMP-7-5-020215	2/2/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		0.0076	J	
		VMP-7-5-043015	4/30/2015	<0.006	U		0.0025	J		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-7-5-072715	7/27/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-7-5-102815	10/28/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0041	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-7-5-012716	1/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-7-5-042916	4/29/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-7-5-072616	7/26/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-7-5-102516	10/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	13.5 ft	VMP-7-13.5-020215	2/2/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-7-13.5-043015	4/30/2015	<0.0063	U		0.0017	J		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-7-13.5-072715	7/27/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0031	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-7-13.5-102815	10/28/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0058	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-7-13.5-012716	1/27/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-7-13.5-042916	4/29/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-7-13.5-072616	7/26/2016	<0.0051	U		<0.0051	U		<0.0051	U		0.0053	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-7-13.5-102516	10/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.0024	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5-020215	2/2/2015	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-7-29.5-043015	4/30/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-7-29.5-072715	7/27/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0033	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-7-29.5-102815	10/28/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.0052	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-7-29.5-012716	1/27/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-7-29.5-042916	4/29/2016	<0.0099	U		<0.0099	U		<0.0099	U		<0.087	U		<0.012	U		<0.011	U		<0.011	U		<0.036	U	
		VMP-7-29.5-072616	7/26/2016	<0.0051	U		<0.0051	U		<0.0051	U		0.0099	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-7-29.5-102516	10/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	38 ft	VMP-7-38-020215	2/2/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-7-38-043015	4/30/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-7-38-072715	7/27/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-7-38-102815	10/28/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0059	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-7-38-102815-DUP	10/28/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0047	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-7-38-012716	1/27/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-7-38-012716-DUP	1/27/2016	<0.0059	U		<0.0059	U		<0.0059	U		0.0048	J		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-7-38-042916	4/29/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-7-38-042916-DUP	4/29/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-7-38-072616	7/26/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-7-38-072616-DUP	7/26/2016	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-7-38-102516	10/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-7-38-102516-Dup	10/25/2016	<0.01	U		<0.01	U		<0.01	U		<0.09	U		<0.012	U		<0.012	U		<0.012	U		<0.037	U	
VMP-8	5 ft	VMP-8-5-020915	2/9/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-5-042715	4/27/2015	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	J	U	<0.0053	U		<0.0052	U		<0.0052	J	U	<0.017	U	
		VMP-8-5-072815	7/28/2015	<0.005	U		<0.005	U		<0.005	U		0.0037	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-8-5-102715	10/27/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0024	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-8-5-012716	1/27/2016	<0.0046	U		<0.0046	U		<0.0046	U		0.0079	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-8-5-042916	4/29/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-8-5-072916	7/29/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.0024	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-8-5-102516	10/25/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	9.5 ft	VMP-8-9.5-020915	2/9/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-8-9.5-042715	4/27/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	J	U	<0.017	U	
		VMP-8-9.5-072815	7/28/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-8-9.5-102715	10/27/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.003	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-8-9.5-012716	1/27/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-8-9.5-042916	4/29/2016	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-8-9.5-072916	7/29/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-8-9.5-102516	10/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	23.5 ft	VMP-8-23.5-020915	2/9/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-8-23.5-050515-R	5/5/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-8-23.5-072815	7/28/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0054	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-8-23.5-102715	10/27/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0058	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-23.5-012716	1/27/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-23.5-042916	4/29/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-8-23.5-072916	7/29/2016	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-8-23.5-072916-DUP	7/29/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-8-23.5-102516	10/25/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	35.5 ft	VMP-8-35.5-020915	2/9/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-35.5-042715	4/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-8-35.5-072815	7/28/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-8-35.5-072815-DUP	7/28/2015	<0.005	U		<0.005	U		<0.005	U		0.0027	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-8-35.5-012816	1/28/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-8-35.5-012816-DUP	1/28/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-35.5-042916	4/29/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-35.5-080316	8/3/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-8-35.5-102516	10/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-8-35.5-102516-Dup	10/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
VMP-9	5 ft	VMP-9-5-021115	2/11/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-9-5-050415	5/4/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	J	U	<0.02	U	
		VMP-9-5-072815	7/28/2015	<0.0056	U		0.0029	J		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-9-5-102815	10/28/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0053	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-9-5-012816	1/28/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-9-5-042816	4/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-9-5-080116	8/1/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-9-5-102516	10/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-9-5-120916	12/9/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.0029	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	11.5 ft	VMP-9-11.5-021115	2/11/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-9-11.5-050415	5/4/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-9-11.5-072815	7/28/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-9-11.5-102815	10/28/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-9-11.5-012816	1/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-9-11.5-042816	4/28/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-9-11.5-080116	8/1/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-9-11.5-080116-DUP	8/1/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-9-11.5-102516	10/25/2016	<0.0049	U		<0.0049	U		<0.0049	U		0.0094	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-9-11.5-120916	12/9/2016	<0.0052	U		<0.0052	U		<0.0052	U		0.0016	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	25.5 ft	VMP-9-25.5-021115	2/11/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-9-25.5-050415	5/4/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-9-25.5-052915-R	5/29/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-9-25.5-072815	7/28/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-9-25.5-102815	10/28/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	J	U	<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-9-25.5-012816	1/28/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-9-25.5-042816	4/28/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-9-25.5-080116	8/1/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-9-25.5-102516	10/25/2016	<0.005	U		<0.005	U		<0.005	U		0.002	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-9-25.5-120916	12/9/2016	<0.0047	U		<0.0047	U		<0.0047	U		0.0028	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	38.5 ft	VMP-9-38.5-050415	5/4/2015	<0.029	U		<0.029	U		<0.029	U		<0.26	U		<0.034	U		<0.034	U		<0.034	U		<0.11	U	
		VMP-9-38.5-050415-DUP	5/4/2015	<0.0036	U		<0.0036	U		<0.0036	U		<0.031	U		<0.0042	U		<0.0041	U		<0.0041	U		<0.013	U	
		VMP-9-38.5-052915-R	5/29/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-9-38.5-072815	7/28/2015	<0.0044	U		<0.0044	U		<0.0044	U		0.0041	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-9-38.5-102815	10/28/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0053	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-9-38.5-012816	1/28/2016	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-9-38.5-042816	4/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-9-38.5-072916	7/29/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-9-38.5-102516	10/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-9-38.5-120916	12/9/2016	<0.0044	U		<0.0044	U		<0.0044	U		0.0023	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
VMP-10	5 ft	VMP-10-5-020515	2/5/2015	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-10-5-043015	4/30/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-10-5-072815	7/28/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-10-5-103015	10/30/2015	<0.005	U		<0.005	U		<0.005	U		0.0052	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-10-5-012916	1/29/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-5-050216	5/2/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-10-5-082616	8/26/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-5-110216	11/2/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	10 ft	VMP-10-10-020515	2/5/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-10-10-043015	4/30/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-10-072815	7/28/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-10-10-103015	10/30/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0061	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-10-021616	2/16/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-10-050216	5/2/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U		<0.022	U	
		VMP-10-10-072816	7/28/2016	<0.0055	U		<0.0055	U		<0.0055	U		0.0053	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-10-10-110216	11/2/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
	20 ft	VMP-10-20-020515	2/5/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-10-20-043015	4/30/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-10-20-072815	7/28/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-10-20-072815-DUP	7/28/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-10-20-103015	10/30/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0049	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-10-20-012916	1/29/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-10-20-050216	5/2/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-10-20-072816	7/28/2016	<0.011	U		<0.011	U		<0.011	U		<0.097	U		<0.013	U		<0.013	U		<0.013	U		<0.04	U	
		VMP-10-20-110216	11/2/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
	30 ft	VMP-10-30-020515	2/5/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-30-020515-DUP	2/5/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-30-043015	4/30/2015	<0.0053	U		0.0019	J		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-30-072815	7/28/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-10-30-103015	10/30/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0046	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-30-012916-DUP	1/29/2016	<0.005	U		<0.005	U		<0.005	U		0.0031	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-30-050216	5/2/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-30-050216-DUP	5/2/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-30-072816	7/28/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-10-30-110216	11/2/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U		<0.022	U	
VMP-11	5 ft	VMP-11-5-020515	2/5/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-11-5-043015	4/30/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-11-5-072815	7/28/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		0.0035	J	
		VMP-11-5-103015	10/30/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	J	U	<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-11-5-012916	1/29/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-11-5-050216	5/2/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-11-5-080116	8/1/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.0045	J		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-11-5-110116	11/1/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	8 ft	VMP-11-8-020515	2/5/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-11-8-043015	4/30/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-11-8-072815	7/28/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-11-8-103015	10/30/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-11-8-012916	1/29/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-11-8-050616	5/6/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-11-8-080116	8/1/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-11-8-110116	11/1/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	29 ft	VMP-11-29-020515	2/5/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-11-29-020515-DUP	2/5/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-11-29-043015	4/30/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-11-29-072815	7/28/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-11-29-110515	11/5/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.0053	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-11-29-012916	1/29/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-11-29-050216	5/2/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-11-29-080216	8/2/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-11-29-110116	11/1/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
	38 ft	VMP-11-38-020515	2/5/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-11-38-043015	4/30/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.0026	J		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-11-38-072815	7/28/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-11-38-103015	10/30/2015	<0.005	U		<0.005	U		<0.005	U		0.0086	J		<0.0058	U		<0.0057	U		<0.0057	U		0.0026	J	
		VMP-11-38-103015-DUP	10/30/2015	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	J	U	<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-11-38-012916	1/29/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-11-38-050216	5/2/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-11-38-050216-DUP	5/2/2016	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-11-38-080216	8/2/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-11-38-110216	11/2/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
VMP-12	5 ft	VMP-12-5-021115	2/11/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-12-5-050715	5/7/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-12-5-073115	7/31/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-12-5-110415	11/4/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.01	J		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-12-5-020316	2/3/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-12-5-050416	5/4/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-12-5-080316	8/3/2016	<0.0054	U		<0.0054	U		<0.0054	U		0.0058	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-12-5-103116	10/31/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	11.5 ft	VMP-12-11.5-021115	2/11/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-12-11.5-050715	5/7/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-12-11.5-073115	7/31/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-12-11.5-110415	11/4/2015	<0.0045	U		<0.0045	U		<0.0045	U		0.0047	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-12-11.5-020316	2/3/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-12-11.5-050416	5/4/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-12-11.5-080316	8/3/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-12-11.5-110316	11/3/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	25 ft	VMP-12-25-021115	2/11/2015	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-12-25-050715	5/7/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-12-25-073115	7/31/2015	<0.0064	U		<0.0064	U		<0.0064	U		<0.056	U		<0.0075	U		<0.0074	U		<0.0074	U		<0.023	U	
		VMP-12-25-110415	11/4/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0029	J		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-12-25-021616	2/16/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-12-25-021616-DUP	2/16/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-12-25-050416	5/4/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-12-25-080316	8/3/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-12-25-103116	10/31/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-12-25-103116-Dup	10/31/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	39 ft	VMP-12-39-021115	2/11/2015	<1.3	U		<1.3	U		<1.3	U		<1.2	U		<1.5	U		<1.5	U		<1.5	U		<4.8	U	
		VMP-12-39-050715	5/7/2015	<2.9	U		<2.9	U		<2.9	U		3.2	J		<3.4	U		<3.3	U		<3.3	U		<10	U	
		VMP-12-39-050715-DUP	5/7/2015	<2.7	U		<2.7	U		<2.7	U		3	J		<3.1	U		<3.1	U		<3.1	U		<9.8	U	
		VMP-12-39-061515-Dup-R	6/15/2015	<0.049	U		<0.049	U		<0.049	U		<0.043	U		<0.058	U		<0.056	U		<0.056	U		<0.18	U	
		VMP-12-39-061515-R	6/15/2015	<0.057	U		<0.057	U		<0.057	U		<0.05	U		<0.066	U		<0.065	U		<0.065	U		<0.21	U	
		VMP-12-39-073115	7/31/2015	<1.2	U		<1.2	U		<1.2	U		<1	U		<1.4	U		<1.4	U		<1.4	U		<4.4	U	
		VMP-12-39-073115-DUP	7/31/2015	<3.2	U		<3.2	U		<3.2	U		<2.8	U		<3.8	U		<3.7	U		<3.7	U		<12	U	
		VMP-12-39-110415	11/4/2015	<2	U		<2	U		<2	U		0.49	J		<2.4	U		<2.3	U		<2.3	U		<7.4	U	
		VMP-12-39-020316	2/3/2016	<15	U		<15	U		<15	U	UJ	<13	U		<17	U		<17	U		<17	U		<54	U	
		VMP-12-39-050416	5/4/2016	<5.1	U		<5.1	U		<5.1	U		<45	U		<5.9	U		<5.8	U		<5.8	U		<18	U	
		VMP-12-39-080316	8/3/2016	<4.4	U		<4.4	U		<4.4	U		2.4	J		<5.2	U		<5.1	U		<5.1	U		<16	U	
		VMP-12-39-110316	11/3/2016	<12	U		<12	U		<12	U		<100	U		<13	U		<13	U		<13	U		<42	U	
VMP-13	5 ft	VMP-13-5-020515	2/5/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-13-5-043015	4/30/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-13-5-072715	7/27/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.0029	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-13-5-110215	11/2/2015	<0.0045	U		<0.0045	U		<0.0045	U		0.0028	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-13-5-012616	1/26/2016	<0.0046	U		<0.0046	U		<0.0046	U		0.002	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-13-5-050316	5/3/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-13-5-072916	7/29/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-13-5-110216	11/2/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	10.5 ft	VMP-13-10.5-020515	2/5/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-13-10.5-043015	4/30/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-13-10.5-072715	7/27/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-13-10.5-110215	11/2/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0034	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-13-10.5-012616	1/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-13-10.5-050316	5/3/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-13-10.5-072916	7/29/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-13-10.5-110216	11/2/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
	21.5 ft	VMP-13-21.5-020515	2/5/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-13-21.5-043015	4/30/2015	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-13-21.5-072715	7/27/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-13-21.5-112515	11/25/2015	<0.0049	U		<0.0049	U		<0.0049	U		0.0034	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-13-21.5-012616	1/26/2016	<0.005	U		<0.005	U		<0.005	U		0.0047	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-13-21.5-050316	5/3/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-13-21.5-050316-DUP	5/3/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-13-21.5-072916	7/29/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-13-21.5-110216	11/2/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	29.5 ft	VMP-13-29.5-020515	2/5/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-13-29.5-043015	4/30/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-13-29.5-072715	7/27/2015	<0.0061	U		<0.0061	U		<0.0061	U		0.0032	J		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-13-29.5-072715-DUP	7/27/2015	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-13-29.5-110215	11/2/2015	<0.0042	U		<0.0042	U		<0.0042	U		0.0039	J		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-13-29.5-110215-DUP	11/2/2015	<0.0045	U		<0.0045	U		<0.0045	U		0.0044	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-13-29.5-012616	1/26/2016	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-13-29.5-050316	5/3/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-13-29.5-082616-R	8/29/2016	<0.0044	U		<0.0044	U		<0.0044	U		0.0029	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-13-29.5-110216	11/2/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-13-29.5-110216-Dup	11/2/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
VMP-14	5 ft	VMP-14-5-020615	2/6/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-14-5-043015	4/30/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-14-5-072915	7/29/2015	<0.0049	U		<0.0049	U		<0.0049	U		0.0044	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-5-110215	11/2/2015	<0.0049	U		<0.0049	U		<0.0049	U		0.0057	J		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-5-012616	1/26/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-14-5-050316	5/3/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP14-5-072916	7/29/2016	<0.0055	U		<0.0055	U		<0.0055	U		0.0018	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-14-5-110216	11/2/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
	11.5 ft	VMP-14-11.5-020615	2/6/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-11.5-043015	4/30/2015	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-14-11.5-072915	7/29/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-14-11.5-110215	11/2/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0057	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-14-11.5-012616	1/26/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-11.5-050316	5/3/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-14-11.5-072916	7/29/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-14-11.5-110216	11/2/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
	20 ft	VMP-14-20-020615	2/6/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-14-20-043015	4/30/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-14-20-072915	7/29/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-14-20-110215	11/2/2015	<0.0049	U		<0.0049	U		<0.0049	U		0.0032	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-20-012616	1/26/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-20-050416	5/4/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-14-20-072916	7/29/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U		<0.023	U	
	29 ft	VMP-14-29-020615	2/6/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-14-29-043015	4/30/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	J	U
		VMP-14-29-043015-DUP	4/30/2015	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-14-29-072915	7/29/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-14-29-110215	11/2/2015	<0.005	U		<0.005	U		<0.005	U		0.0045	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-14-29-012616	1/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-14-29-012616-DUP	1/26/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-29-050316	5/3/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-14-29-072916	7/29/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-14-29-072916-DUP	7/29/2016	<0.0045	U		<0.0045	U		<0.0045	U		0.0059	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-14-29-110216	11/2/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
VMP-15	5 ft	VMP-15-5-020615	2/6/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-15-5-050415	5/4/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-15-5-072915	7/29/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-15-5-110415	11/4/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-15-5-020316	2/3/2016	<0.01	U		<0.01	U		<0.01	U		<0.09	U		<0.012	U		<0.012	U		<0.012	U		<0.037	U	
		VMP-15-5-050316	5/3/2016	<0.0053	U		<0.0053	U		<0.0053	U		0.0021	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-15-5-080216	8/2/2016	<0.0054	U		<0.0054	U		<0.0054	U		0.0022	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-15-5-110116	11/1/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	21.5 ft	VMP-15-21.5-020615	2/6/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-15-21.5-050415	5/4/2015	<0.0049	U		<0.0049	U		<0.0049	U		0.0023	J		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-15-21.5-072915	7/29/2015	<0.063	U		<0.063	U		<0.063	U		<0.55	U		<0.073	U		<0.072	U		<0.072	U		<0.23	U	
		VMP-15-21.5-110415	11/4/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.004	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-15-21.5-020316	2/3/2016	<0.07	U		<0.07	U		<0.07	U		<0.61	U		<0.081	U		<0.08	U		<0.08	U		<0.25	U	
		VMP-15-21.5-050316	5/3/2016	<0.0042	U		<0.0042	U		<0.0042	U		0.019	J		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-15-21.5-080216	8/2/2016	<0.035	U		<0.035	U		<0.035	U		<0.3	U		<0.041	U		<0.04	U		<0.04	U		<0.13	U	
		VMP-15-21.5-110116	11/1/2016	<0.0079	U		<0.0079	U		<0.0079	U		<0.069	U		<0.0092	U		<0.0091	U		<0.0091	U		<0.029	U	
	25.5 ft	VMP-15-25.5-020615	2/6/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-15-25.5-050415	5/4/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-15-25.5-072915	7/29/2015	<0.07	U		<0.07	U		<0.07	U		<0.061	U		<0.081	U		<0.08	U		<0.08	U		<0.25	U	
		VMP-15-25.5-110415	11/4/2015	<0.0048	U		<0.0048	U		<0.0048	U		0.0028	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-15-25.5-020316	2/3/2016	<0.28	U		<0.28	U		<0.28	U		<0.24	U		<0.32	U		<0.32	U		<0.32	U		<1	U	
		VMP-15-25.5-050316	5/3/2016	<0.013	U		<0.013	U		<0.013	U		0.0032	J		<0.016	U		<0.015	U		<0.015	U		<0.048	U	
		VMP-15-25.5-080216	8/2/2016	<0.056	U		<0.056	U		<0.056	U		<0.49	U		<0.066	U		<0.064	U		<0.064	U		<0.2	U	
		VMP-15-25.5-110116	11/1/2016	<0.036	U		<0.036	U		<0.036	U		<0.31	U		<0.042	U		<0.041	U		<0.041	U		<0.13	U	
		VMP-15-25.5-110116-Dup	11/1/2016	<0.037	U		<0.037	U		<0.037	U		<0.33	U		<0.043	U		<0.043	U		<0.043	U		<0.14	U	
	29 ft	VMP-15-29-020615	2/6/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-15-29-020615-DUP	2/6/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-15-29-050415	5/4/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-15-29-072915	7/29/2015	<0.078	U		<0.078	U		<0.078	U		<0.068	U		<0.091	U		<0.089	U		<0.089	U		<0.28	U	
		VMP-15-29-072915-DUP	7/29/2015	<0.065	U		<0.065	U		<0.065	U		<0.057	U		<0.076	U		<0.075	U		<0.075	U		<0.24	U	
		VMP-15-29-110415	11/4/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.003	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-15-29-020316	2/3/2016	<0.1	U		<0.1	U		<0.1	U		<0.092	U		<0.12	U		<0.12	U		<0.12	U		<0.38	U	
		VMP-15-29-050316	5/3/2016	<0.0054	U		<0.0054	U		<0.0054	U		0.0015	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-15-29-080216	8/2/2016	<0.07	U		<0.07	U		<0.07	U		<0.62	U		<0.082	U		<0.08	U		<0.08	U		<0.26	U	
VMP-16	5 ft	VMP-16-5-021115	2/11/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-16-5-050715	5/7/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-16-5-073115	7/31/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-16-5-110415	11/4/2015	<0.0054	U		<0.0054	U		0.0026	J		0.0049	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-16-5-020316	2/3/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-16-5-050416	5/4/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-16-5-080316	8/3/2016	<0.0045	U		<0.0045	U		<0.0045	U		0.0032	J		<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-16-5-103116	10/31/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	13.5 ft	VMP-16-13.5-021115	2/11/2015	<8.8	U		<8.8	U		<8.8	U		<7.7	U		<10	U		<10	U		<10	U		<32	U	
		VMP-16-13.5-050715	5/7/2015	<13	U		<13	U		<13	U		<110	U		<15	U		<14	U		<14	U		<46	U	
		VMP-16-13.5-073115	7/31/2015	<2.8	U		<2.8	U		<2.8	U		<2.4	U		<3.2	U		<3.2	U		<3.2	U		<10	U	
		VMP-16-13.5-110415	11/4/2015	<5.6	U		<5.6	U		<5.6	U		<4.9	U		<6.5	U		<6.4	U		<6.4	U		<20	U	
		VMP-16-13.5-020316	2/3/2016	<26	U		<26	U		<26	U	UJ	<23	U		<30	U		<30	U		<30	U		<95	U	
		VMP-16-13.5-052516-R	5/25/2016	<2.7	U		<2.7	U		<2.7	U		<2.4	U		<3.1	U		<3.1	U		<3.1	U		<9.8	U	
		VMP-16-13.5-080316	8/3/2016	<8.9	U		<8.9	U		<8.9	U		<78	U		<10	U		<10	U		<10	U		<32	U	
		VMP-16-13.5-103116	10/31/2016	<2.8	U		<2.8	U		<2.8	U		1.2	J		<3.2	U		<3.2	U		<3.2	U		<10	U	
	19 ft	VMP-16-19-021115	2/11/2015	<4.5	U		<4.5	U		<4.5	U		<3.9	U		<5.2	U		<5.2	U		<5.2	U		<16	U	
		VMP-16-19-050715	5/7/2015	<9.7	U		<9.7	U		<9.7	U		4.8	J		<11	U		<11	U		<11	U		<35	U	
		VMP-16-19-073115	7/31/2015	<5.7	U		<5.7	U		<5.7	U		<5	U		<6.7	U		<6.6	U		<6.6	U		<21	U	
		VMP-16-19-110415	11/4/2015	<0.93	U		<0.93	U		<0.93	U		<0.81	U		<1.1	U		<1.1	U		<1.1	U		<3.4	U	
		VMP-16-19-020316	2/3/2016	<31	U		<31	U		<31	U	UJ	<27	U		<36	U		<35	U		<35	U		<110	U	
		VMP-16-19-050416	5/4/2016	<2	U		<2	U		<2	U		0.8	J		<2.3	U		<2.2	U		<2.2	U		<7.1	U	
		VMP-16-19-080316	8/3/2016	<5.9	U		<5.9	U		<5.9	U		3.1	J		<6.8	U		<6.7	U		<6.7	U		<21	U	
		VMP-16-19-103116	10/31/2016	<2.6	U		<2.6	U		<2.6	U		<9	U		<3	U		<3	U		<3	U		<9.4	U	
	31 ft	VMP-16-31-021115	2/11/2015	<4	U		<4	U		<4	U		<3.5	U		<4.6	U		<4.5	U		<4.5	U		<14	U	
		VMP-16-31-050715	5/7/2015	<7.1	U		<7.1	U		<7.1	U		<62	U		<8.3	U		<8.1	U		<8.1	U		<26	U	
		VMP-16-31-073115	7/31/2015	<2.9	U		<2.9	U		<2.9	U		<2.6	U		<3.4	U		<3.4	U		<3.4	U		<11	U	
		VMP-16-31-073115-DUP	7/31/2015	<2.7	U		<2.7	U		<2.7	U		<2.4	U		<3.2	U		<3.1	U		<3.1	U		<9.9	U	
		VMP-16-31-110415	11/4/2015	<5.7	U		<5.7	U		<5.7	U		1.6	J		<6.7	U		<6.6	U		<6.6	U		<21	U	
		VMP-16-31-020316	2/3/2016	<10	U		<10	U		<10	U	UJ	<9.2	U		<12	U		<12	U		<12	U		<38	U	
		VMP-16-31-020316-DUP	2/3/2016	<13	U		<13	U		<13	U	UJ	<11	U		<15	U		<14	U		<14	U		<46	U	
		VMP-16-31-050416	5/4/2016	<5.3	U		<5.3	U		<5.3	U		8.6	J		<6.1	U		<6	U		<6	U		<19	U	
		VMP-16-31-050416-DUP	5/4/2016	<5.2	U		<5.2	U		<5.2	U		9.1	J		<6	U		<5.9	U		<5.9	U		<19	U	
		VMP-16-31-080316	8/3/2016	<3.6	U		<3.6	U		<3.6	U		3.4	J		<4.2	U		<4.1	U		<4.1	U		<13	U	
		VMP-16-31-103116	10/31/2016	<2.5	U		<2.5	U		<2.5	U		1.2	J		<2.9	U		<2.9	U		<2.9	U		<9.2	U	
		VMP-16-31-103116-Dup	10/31/2016	<2.6	U		<2.6	U		<2.6	U		<9.3	U		<3.1	U		<3	U		<3	U		<9.6	U	
VMP-17	5 ft	VMP-17-5-020415	2/4/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-17-5-050115	5/1/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-17-5-072815	7/28/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-17-5-102915	10/29/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-17-5-020216	2/2/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-17-5-050216	5/2/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-17-5-072516	7/25/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-17-5-103116	10/31/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-18	8.5 ft	VMP-18-8.5-020415	2/4/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-18-8.5-050115	5/1/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-18-8.5-050115-DUP	5/1/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-18-8.5-072815	7/28/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.0055	J		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-18-8.5-102915	10/29/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-18-8.5-020216	2/2/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-18-8.5-050516	5/5/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-18-8.5-072516	7/25/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-18-8.5-102516	10/26/2016	<0.01	U		<0.01	U		<0.01	U		<0.087	U		<0.012	U		<0.011	U		<0.011	U		<0.036	U	
VMP-19	5 ft	VMP-19-5-020415	2/4/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-19-5-050115	5/1/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-19-5-072815	7/28/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.0042	J		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-19-5-102615	10/26/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-19-5-020216	2/2/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-19-5-050616	5/6/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-19-5-072816	7/28/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-19-5-102516	10/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
VMP-20	5 ft	VMP-20-5-012715	1/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-20-5-042715	4/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-20-5-072015	7/20/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-20-5-102015	10/20/2015	<0.0048	U		0.0016	J		<0.0048	U		<0.042	J	U	<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-20-5-021616	2/16/2016	<0.0065	U		<0.0065	U		<0.0065	U		<0.057	U		<0.0075	U		<0.0074	U		<0.0074	U		<0.023	U	
		VMP-20-5-042516	4/25/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-20-5-072216	7/22/2016	<0.0051	U		<0.0051	U		<0.0051	U		0.029	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-20-5-102616	10/26/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	10 ft	VMP-20-10-012715	1/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-20-10-012715-DUP	1/27/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-20-10-042715	4/27/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-20-10-072015	7/20/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-20-10-102015	10/20/2015	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	J	U	<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-20-10-102015-DUP	10/20/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-20-10-021616	2/16/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-20-10-042516	4/25/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-20-10-072216	7/22/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-20-10-102616	10/26/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	25 ft	VMP-20-25-012715	1/27/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-20-25-042715	4/27/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-20-25-072015	7/20/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-20-25-102015	10/20/2015	<0.0046	U		0.0012	J		0.00092	J		<0.041	J	U	<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-20-25-020216	2/2/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-20-25-042516	4/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-20-25-072216	7/22/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-20-25-102616	10/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	39.5 ft	VMP-20-39.5-042715	4/27/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-20-39.5-042715-DUP	4/27/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-20-39.5-072015	7/20/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-20-39.5-072015-DUP	7/20/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0021	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-20-39.5-012715	1/27/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-20-39.5-102015	10/20/2015	<0.005	U		<0.005	U		<0.005	U		<0.043	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-20-39.5-020216	2/2/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-20-39.5-020216-DUP	2/2/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
VMP-21	5 ft	VMP-21-5-012715	1/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-21-5-042715	4/27/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0027	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-21-5-072015	7/20/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-21-5-102315	10/23/2015	<0.005	U		<0.005	U		<0.005	U		0.0028	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-21-5-012616	1/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-21-5-042716	4/27/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-21-5-072616	7/26/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-5-102416	10/24/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	10 ft	VMP-21-10-012715	1/27/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-10-042715	4/27/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-21-10-072015	7/20/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-21-10-102315	10/23/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.005	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-21-10-012616	1/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-21-10-042716	4/27/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-21-10-072616	7/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-21-10-102416	10/24/2016	<0.0098	U		<0.0098	U		<0.0098	U		<0.086	U		<0.011	U		<0.011	U		<0.011	U		<0.036	U	
	25 ft	VMP-21-25-012715	1/27/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-25-042715	4/27/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-25-072015	7/20/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-21-25-102315	10/23/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0032	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-21-25-012616	1/26/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-21-25-042716	4/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-25-072616	7/26/2016	<0.0052	U		<0.0052	U		<0.0052	U		0.0024	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-25-102416	10/24/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-012715	1/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-21-33-072015	7/20/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-21-33-102315	10/23/2015	<0.0045	U		<0.0045	U		<0.0045	U		0.0035	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-21-33-102315-DUP	10/23/2015	<0.011	U		<0.011	U		<0.011	U		0.0087	J		<0.013	U		<0.013	U		<0.013	U		<0.041	U	
		VMP-21-33-042716	4/27/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-21-33-072616	7/26/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-21-33-102416	10/24/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
VMP-22	5 ft	VMP-22-5-012715	1/27/2015	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-22-5-042715	4/27/2015	<0.01	U		<0.01	U		<0.01	U		<0.088	U		<0.012	U		<0.011	U		<0.011	U		<0.036	U	
		VMP-22-5-072015	7/20/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-22-5-012616	1/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-22-5-042616	4/26/2016	<0.0068	U		<0.0068	U		<0.0068	U		0.0023	J		<0.008	U		<0.0078	U		<0.0078	U		<0.025	U	
		VMP-22-5-072216	7/22/2016	<0.0061	U		<0.0061	U		<0.0061	U		0.15			<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-22-5-102716	10/27/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	10 ft	VMP-22-10-012715	1/27/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-22-10-042715	4/27/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		0.0018	J	
		VMP-22-10-072015	7/20/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0029	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-22-10-102315	10/23/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-22-10-012616	1/26/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.002	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-22-10-042616	4/26/2016	<0.0059	U		<0.0059	U		<0.0059	U		0.0046	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-22-10-072216	7/22/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-22-10-102716	10/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	18 ft	VMP-22-18-012715	1/27/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-22-18-012715-DUP	1/27/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-22-18-042715	4/27/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-22-18-072015	7/20/2015	<0.0067	U		<0.0067	U		<0.0067	U		<0.058	U		<0.0078	U		<0.0076	U		<0.0076	U		<0.024	U	
		VMP-22-18-102315	10/23/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0032	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-22-18-012616	1/26/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-22-18-042616	4/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-22-18-072216	7/22/2016	<0.0054	U		<0.0054	U		<0.0054	U		0.006	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-22-18-102716	10/27/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
	38 ft	VMP-22-38-012715	1/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-22-38-042715	4/27/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-22-38-042715-DUP	4/27/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-22-38-072015	7/20/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-22-38-072015-DUP	7/20/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-22-38-102315	10/23/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.004	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-22-38-012616-DUP	1/26/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-22-38-042616	4/26/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-22-38-072216	7/22/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-22-38-072216-DUP	7/22/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-22-38-102716	10/27/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-22-38-102716-Dup	10/27/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
VMP-23	5 ft	VMP-23-5-012715	1/27/2015	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-23-5-042715	4/27/2015	<0.0052	U		0.0011	J		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-23-5-072015	7/20/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-23-5-102615	10/26/2015	<0.0044	U		<0.0044	U		<0.0044	U		0.006	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-23-5-012516	1/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		0.0022	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-23-5-062816	6/28/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		0.0018	J	
		VMP-23-5-072216	7/22/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-23-5-101916	10/19/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
	10 ft	VMP-23-10-012715	1/27/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-23-10-042715	4/27/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-23-10-072015	7/20/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0021	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-23-10-102615	10/26/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-23-10-012516	1/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.0019	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-23-10-062816	6/28/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-23-10-072216	7/22/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-23-10-101916	10/19/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.0051	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	25 ft	VMP-23-25-012715	1/27/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-23-25-042715	4/27/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-23-25-072015	7/20/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-23-25-102615	10/26/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0039	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-23-25-012516	1/25/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.0022	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-23-25-062816	6/28/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-23-25-072216	7/22/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-23-25-101916	10/19/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
	40 ft	VMP-23-40-012715	1/27/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-23-40-042715	4/27/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-23-40-072015	7/20/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		0.0017	J	
		VMP-23-40-102615	10/26/2015	<0.005	U		<0.005	U		<0.005	U		0.0035	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-23-40-102615-DUP	10/26/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.003	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-23-40-012516	1/25/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-23-40-072216	7/22/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-020215	2/2/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-24-5-042715	4/27/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	J	U	<0.021	U	
		VMP-24-5-072115	7/21/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-24-5-102915	10/29/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0038	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-24-5-012716	1/27/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-24-5-042916	4/29/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-24-5-072716	7/27/2016	<0.0059	U		0.0012	J		<0.0059	U		0.0022	J		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-24-5-102816	10/28/2016	<0.0043	U		<0.0043	U		<0.0043	U		0.0053	J		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
	10 ft	VMP-24-10-020215	2/2/2015	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-24-10-042715	4/27/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	J	U	<0.02	U	
		VMP-24-10-072115	7/21/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	J	U	<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-24-10-102915	10/29/2015	<0.005	U		<0.005	U		<0.005	U		0.0043	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-24-10-012716	1/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-24-10-042916	4/29/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-24-10-072716	7/27/2016	<0.0055	U		<0.0055	U		<0.0055	U		0.0019	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-24-10-102816	10/28/2016	<0.0041	U		<0.0041	U		<0.0041	U		0.0033	J		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
	22 ft	VMP-24-22-020215	2/2/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-24-22-042715	4/27/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-24-22-072115	7/21/2015	<0.0052	U	UJ	<0.0052	U	UJ	<0.0052	U	UJ	<0.046	J	UJ	<0.0061	U	UJ	<0.006	U	UJ	<0.006	U	UJ	<0.019	U	UJ
		VMP-24-22-082415	8/24/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-24-22-082415-DUP	8/24/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-24-22-102915	10/29/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0056	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-24-22-012716	1/27/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-24-22-042916	4/29/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-24-22-072716	7/27/2016	<0.0057	U		<0.0057	U		<0.0057	U		0.0025	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-24-22-102816	10/28/2016	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
	34 ft	VMP-24-34-020215	2/2/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-24-34-020215-DUP	2/2/2015	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-24-34-042715	4/27/2015	<0.007	U		<0.007	U		<0.007	U		<0.061	U		<0.0081	U		<0.008	U		<0.008	U		<0.025	U	
		VMP-24-34-072115	7/21/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-24-34-072115-DUP	7/21/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-24-34-102915	10/29/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0049	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-24-34-012716	1/27/2016	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-24-34-042916	4/29/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-24-34-072716	7/27/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-24-34-072716-DUP	7/27/2016	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-24-34-102816	10/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-24-34-102816-Dup	10/28/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
VMP-25	5 ft	VMP-25-5-021115	2/11/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-25-5-050715	5/7/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-25-5-073015	7/30/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0042	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-25-5-110515	11/5/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0053	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-25-5-021616	2/16/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-25-5-050416	5/4/2016	<0.097	U		<0.097	U		<0.097	U		<0.85	U		<0.11	U		<0.11	U		<0.11	U		<0.35	U	
		VMP-25-5-080316	8/3/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-25-5-103116	10/31/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	21 ft	VMP-25-21-021115	2/11/2015	<2.4	U		<2.4	U		<2.4	U		<2.2	U		<2.9	U		<2.8	U		<2.8	U		<8.9	U	
		VMP-25-21-050715	5/7/2015	<4.8	U		<4.8	U		<4.8	U		<42	U		<5.6	U		<5.5	U		<5.5	U		<17	U	
		VMP-25-21-073015	7/30/2015	<1.3	U		<1.3	U		<1.3	U		<1.1	U		<1.5	U		<1.4	U		<1.4	U		<4.6	U	
		VMP-25-21-110515	11/5/2015	<1.1	U		<1.1	U		<1.1	U		0.48	J		<1.3	U		<1.3	U		<1.3	U		<4.1	U	
		VMP-25-21-050416	5/4/2016	<0.06	U		<0.06	U		<0.06	U		<0.053	U		<0.07	U		<0.069	U		<0.069	U		<0.22	U	
		VMP-25-21-080316	8/3/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-25-21-103116	10/31/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-25-21-103116-Dup	10/31/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	31 ft	VMP-25-31-021115	2/11/2015	<2.3	U		<2.3	U		<2.3	U		<2	U		<2.7	U		<2.7	U		<2.7	U		<8.5	U	
		VMP-25-31-021115-DUP	2/11/2015	<2.3	U		<2.3	U		<2.3	U		<2	U		<2.7	U		<2.6	U		<2.6	U		<8.4	U	
		VMP-25-31-050715	5/7/2015	<6.4	U		<6.4	U		<6.4	U		<56	U		<7.5	U		<7.4	U		<7.4	U		<23	U	
		VMP-25-31-050715-DUP	5/7/2015	<6.2	U		<6.2	U		<6.2	U		<54	U		<7.2	U		<7.1	U		<7.1	U		<23	U	
		VMP-25-31-073015	7/30/2015	<1.5	U		<1.5	U		<1.5	U		<1.3	U		<1.7	U		<1.7	U		<1.7	U		<5.4	U	
		VMP-25-31-073015-DUP	7/30/2015	<1.3	U		<1.3	U		<1.3	U		<1.2	U		<1.5	U		<1.5	U		<1.5	U		<4.8	U	
		VMP-25-31-110515	11/5/2015	<1.1	U		<1.1	U		<1.1	U		<0.94	U		<1.2	U		<1.2	U		<1.2	U		<3.9	U	
		VMP-25-31-021616	2/16/2016	<1.6	U		<1.6	U		<1.6	U		0.54	J		<1.9	U		<1.8	U		<1.8	U		<5.9	U	
		VMP-25-31-021616-DUP	2/16/2016	<2.5	U		<2.5	U		<2.5	U		<2.2	U		<3	U		<2.9	U		<2.9	U		<9.2	U	
		VMP-25-31-050416	5/4/2016	<2.8	U		<2.8	U		<2.8	U		<24	U		<3.2	U		<3.2	U		<3.2	U		<10	U	
		VMP-25-31-080316	8/3/2016	<0.11	U		<0.11	U		<0.11	U		<0.93	U		<0.12	U		<0.12	U		<0.12	U		<0.39	U	
		VMP-25-31-080316-DUP	8/3/2016	<0.094	U		<0.094	U		<0.094	U		<0.83	U		<0.11	U		<0.11	U		<0.11	U		<0.34	U	
		VMP-25-31-103116	10/31/2016	<0.048	U		<0.048	U		<0.048	U		<0.17	U		<0.056	U		<0.055	U		<0.055	U		<0.17	U	
VMP-29	10 ft	VMP-29-10-020515	2/5/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-29-10-050615	5/6/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0028	J	J	<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-29-10-072715	7/27/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0029	J		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-29-10-103015	10/30/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-29-10-012716	1/27/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-29-10-050216	5/2/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-29-10-072816	7/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-29-10-120916	12/9/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	20 ft	VMP-29-20-020515	2/5/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-29-20-050615	5/6/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0047	J	J	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-29-20-072715	7/27/2015	<0.007	U		<0.007	U		<0.007	U		<0.062	U		<0.0082	U		<0.0081	U		<0.0081	U		<0.026	U	
		VMP-29-20-103015	10/30/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0075	J		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
	18 ft	VMP-29-20-020416-R	2/4/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-29-20-050216	5/2/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-29-20-072816	7/28/2016	<0.011	U		<0.011	U		<0.011	U		<0.098	U		<0.013	U		<0.013	U		<0.013	U		<0.041	U	
		VMP-29-18-110316	11/3/2016	<0.01	U		<0.01	U		<0.01	U		<0.091	U		<0.012	U		<0.012	U		<0.012	U		<0.038	U	
	26 ft	VMP-29-30-020615	2/6/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-29-30-050615	5/6/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0019	J	J	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-29-30-050615-DUP	5/6/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-29-30-080315	8/3/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.0053	J		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-29-30-103015	10/30/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	J	U	<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-29-30-012716	1/27/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-29-30-050216	5/2/2016	<0.019	U		<0.019	U		<0.019	U		<0.17	U		<0.022	U		<0.022	U		<0.022	U		<0.07	U	
		VMP-29-30-072816	7/28/2016	<0.013	U		<0.013	U		<0.013	U		<0.11	U		<0.015	U		<0.015	U		<0.015	U		<0.047	U	
		VMP-29-26-110316	11/3/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-29-26-110316-Dup	11/3/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
VMP-30	10 ft	VMP-30-10-020615	2/6/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-30-10-050515	5/5/2015	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-30-10-072715	7/27/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0028	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-30-10-103015	10/30/2015	<0.005	U		<0.005	U		<0.005	U		0.005	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-30-10-020416	2/4/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-30-10-050216	5/2/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-30-10-072816	7/28/2016	<0.022	U		<0.022	U		<0.022	U		<0.19	U		<0.025	U		<0.025	U		<0.025	U		<0.079	U	
		VMP-30-10-110316	11/3/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	18 ft	VMP-30-20-020615	2/6/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-30-20-050515	5/5/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-30-20-072715	7/27/2015	<0.013	U		<0.013	U		<0.013	U		<0.11	U		<0.015	U		<0.015	U		<0.015	U		<0.047	U	
		VMP-30-20-103015	10/30/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0035	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-30-20-012716	1/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		0.0022	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-30-20-050216	5/2/2016	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-30-20-072816	7/28/2016	<0.024	U		<0.024	U		<0.024	U		<0.21	U		<0.028	U		<0.028	U		<0.028	U		<0.088	U	
		VMP-30-18-110316	11/3/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	26 ft	VMP-30-30-020615	2/6/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-30-30-050515	5/5/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-30-30-050515-DUP	5/5/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0023	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-30-30-072715	7/27/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-30-30-103015	10/30/2015	<0.0048	U		<0.0048	U		<0.0048	U		0.0046	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-30-30-012716	1/27/2016	<0.0051	U		<0.0051	U		<0.0051	U		0.0025	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-30-30-050216	5/2/2016	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-30-30-072816	7/28/2016	<0.048	U		<0.048	U		<0.048	U		<0.42	U		<0.056	U		<0.055	U		<0.055	U		<0.18	U	
		VMP-30-30-072816-DUP	7/28/2016	<0.038	U		<0.038	U		<0.038	U		<0.33	U		<0.044	U		<0.044	U		<0.044	U		<0.14	U	
		VMP-30-26-110316	11/3/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
VMP-32	5 ft	VMP-32-5-021015	2/10/2015	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-32-5-073115	7/31/2015	<0.0055	U	UJ	<0.0055	U	UJ	<0.0055	U	UJ	0.0042	J	J	<0.0064	U	UJ	<0.0063	U	UJ	<0.0063	U	UJ	<0.02	U	UJ
		VMP-32-5-082415	8/24/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-32-5-110415	11/4/2015	<0.006	U		<0.006	U		<0.006	U		0.0076	J		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-32-5-012616	1/26/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-32-5-042716	4/27/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-32-5-072616	7/26/2016	<0.0057	U		<0.0057	U		<0.0057	U		0.0022	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-32-5-102716	10/27/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	10 ft	VMP-32-10-021015	2/10/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-32-10-051115	5/11/2015	<0.0063	U	UJ	<0.0063	U	UJ	<0.0063	U	UJ	<0.055	U	UJ	<0.0073	U	UJ	<0.0072	U	UJ	<0.0072	U	UJ	<0.023	U	UJ
		VMP-32-10-052915-R	5/29/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-32-10-110415	11/4/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0036	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-32-10-012616	1/26/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		0.0029	J	
		VMP-32-10-042716	4/27/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-32-10-072616	7/26/2016	<0.0052	U		<0.0052	U		<0.0052	U		0.003	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-32-10-102716	10/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	20 ft	VMP-32-20-021015	2/10/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-32-20-051115	5/11/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-32-20-080315	8/3/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0056	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-32-20-110415	11/4/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.011	J		<0.0061	U		<0.006	U		<0.006	U		0.0046	J	
		VMP-32-20-110415-DUP	11/4/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0054	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-32-20-021616	2/16/2016	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		0.0021	J	
		VMP-32-20-042716	4/27/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-32-20-082616-R	8/29/2016	<0.0068	U		<0.0068	U		<0.0068	U		<0.06	U		<0.008	U		<0.0078	U		<0.0078	U		<0.025	U	
		VMP-32-20-102716	10/27/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	30 ft	VMP-32-30-021015	2/10/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-32-30-050515	5/5/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-32-30-073115	7/31/2015	<0.0055	U	UJ	<0.0055	U	UJ	<0.0055	U	UJ	<0.048	U	UJ	<0.0064	U	UJ	<0.0063	U	UJ	<0.0063	U	UJ	<0.02	U	UJ
		VMP-32-30-073115-DUP	7/31/2015	<0.0062	U	UJ	<0.0062	U	UJ	<0.0062	U	UJ	<0.054	U	UJ	<0.0072	U	UJ	<0.007	U	UJ	<0.007	U	UJ	<0.022	U	UJ
		VMP-32-30-082415	8/24/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-32-30-082415-DUP	8/24/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-32-30-110415	11/4/2015	<0.0058	U		<0.0058	U		<0.0058	U		0.0076	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-32-30-020216	2/2/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-32-30-042716	4/27/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-32-30-072616	7/26/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.0016	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-32-30-102716	10/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
VMP-41	10 ft	VMP-41-10-020415	2/4/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-41-10-020415-DUP	2/4/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-41-10-043015	4/30/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-41-10-072815	7/28/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-41-10-110215	11/2/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0045	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-41-10-012716	1/27/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-41-10-050216	5/2/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-41-10-072816	7/28/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.012	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-41-10-102416	10/24/2016	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
	20 ft	VMP-41-20-020415	2/4/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-41-20-043015	4/30/2015	<0.12	U		<0.12	U		<0.12	U		<0.11	U		<0.14	U		<0.14	U		<0.14	U		<0.45	U	
		VMP-41-20-072815	7/28/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0027	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-41-20-110215	11/3/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0052	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-41-20-012716	1/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-41-20-050216	5/2/2016	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-41-20-072816	7/28/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-41-20-102416	10/24/2016	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	26 ft	VMP-41-30-020415	2/4/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-41-30-043015	4/30/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-41-30-043015-DUP	4/30/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-41-30-110215	11/2/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0032	J		<0.0062	U		<0.0061	U		<0.0061	U		0.0023	J	
		VMP-41-30-110215-DUP	11/2/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0046	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-41-30-012716	1/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-41-30-012716-DUP	1/27/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-41-30-050216	5/2/2016	<0.0053	U		0.0012	J		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-41-30-072816	7/28/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-41-30-072816-DUP	7/28/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-41-26-102416	10/24/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	J	U	<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-41-30-072815	7/28/2015	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
VMP-42	10 ft	VMP-42-10-020315	2/3/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-42-10-042915	4/29/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-42-10-072115	7/21/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-42-10-102715	10/27/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	J	U	<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-42-10-020116	2/1/2016	<0.0047	U		<0.0047	U		<0.0047	U		0.0028	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-42-10-042616	4/26/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-42-10-072616	7/26/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-42-10-102716	10/27/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
	20 ft	VMP-42-20-020315	2/3/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-42-20-042915	4/29/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-42-20-072115	7/21/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-42-20-102715	10/27/2015	<0.006	U		<0.006	U		<0.006	U		0.0082	J		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-42-20-020116	2/1/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-42-20-042616	4/26/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-42-20-072616	7/26/2016	<0.0059	U		<0.0059	U		<0.0059	U		0.002	J		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-42-20-102676	10/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
	30 ft	VMP-42-30-020315	2/3/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-42-30-042915	4/29/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-42-30-080315	8/3/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-42-30-080315-DUP	8/3/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0037	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-42-30-102715	10/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-42-30-020116	2/1/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-42-30-042616	4/26/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0074	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-42-30-072616	7/26/2016	<0.005	U		<0.005	U		<0.005	U		0.0064	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-42-30-102716	10/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-42-30-102716-Dup	10/27/2016	<0.01	U		<0.01	U		<0.01	U		<0.088	U		<0.012	U		<0.011	U		<0.011	U		<0.036	U	
VMP-43	10 ft	VMP-43-10-021015	2/10/2015	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-43-10-050515	5/5/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-43-10-072115	7/21/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0036	J		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-43-10-102915	10/29/2015	<0.0061	U		<0.0061	U		<0.0061	U		0.0063	J		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-43-10-020116	2/1/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-43-10-042716	4/27/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-43-10-072716	7/27/2016	<0.0051	U		<0.0051	U		<0.0051	U		0.0027	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-43-10-102616	10/26/2016	<0.0045	U		<0.0045	U		<0.0045	U		0.0054	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	20 ft	VMP-43-20-021215	2/12/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-43-20-021215-DUP	2/12/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-43-20-050515	5/5/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-43-20-072115	7/21/2015	<0.0067	U		<0.0067	U		<0.0067	U		<0.058	U		<0.0078	U		<0.0076	U		<0.0076	U		<0.024	U	
		VMP-43-20-102915	10/29/2015	<0.0048	U		<0.0048	U		<0.0048	U		0.0037	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-43-20-102915-DUP	10/29/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0041	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-43-20-020116	2/1/2016	<0.0084	U		<0.0084	U		<0.0084	U		<0.073	U		<0.0098	U		<0.0096	U		<0.0096	U		<0.03	U	
		VMP-43-20-042716	4/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-43-20-072716	7/27/2016	<0.0058	U		<0.0058	U		<0.0058	U		0.0022	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-43-20-102616	10/26/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	30 ft	VMP-43-30-050515	5/5/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-43-30-050515-DUP	5/5/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-43-30-072115	7/21/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-43-30-102915	10/29/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-43-30-020116	2/1/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-43-30-042716	4/27/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-43-30-042716-DUP	4/27/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-43-30-072716	7/27/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.0019	J		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-43-30-102616	10/26/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-43-30-102616-Dup	10/26/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
VMP-44	10 ft	VMP-44-10-020415	2/4/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-44-10-050115	5/1/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-44-10-072415	7/24/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-44-10-102815	10/28/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	J	U	<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-44-10-012516	1/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-44-10-042816	4/28/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-44-10-072716	7/27/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-44-10-102716	10/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	20 ft	VMP-44-20-020415	2/4/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-44-20-051115	5/11/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-44-20-072415	7/24/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-44-20-102815	10/28/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-44-20-020216-R	2/2/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-44-20-042816	4/28/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.056	U		<0.0074	U		<0.0073	U		<0.0073	U		<0.023	U	
		VMP-44-20-072716	7/27/2016	<0.0065	U		<0.0065	U		<0.0065	U		0.0038	J		<0.0076	U		<0.0074	U		<0.0074	U		<0.024	U	
		VMP-44-20-102716	10/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	30 ft	VMP-44-30-020415	2/4/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-44-30-051115	5/11/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-44-30-072415	7/24/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-44-30-102815	10/28/2015	<0.006	U		<0.006	U		<0.006	U		0.0052	J		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-44-30-012516	1/25/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-44-30-050516	5/5/2016	<0.0069	U		<0.0069	U		<0.0069	U		0.0021	J		<0.008	U		<0.0079	U		<0.0079	U		<0.025	U	
		VMP-44-30-072716	7/27/2016	<0.0061	U		0.0013	J		<0.0061	U		0.0035	J		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-44-30-102716	10/27/2016	<0.0049	U		<0.0049	U		<0.0049	U		0.0068	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
VMP-45	10 ft	VMP-45-10-020615	2/6/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-45-10-051215	5/12/2015	<0.0051	U		<0.0051	U		<0.0051	U	UJ	<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-45-10-072115	7/21/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-45-10-102815	10/28/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.003	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-45-10-030916-R	3/9/2016	<0.0053	U		<0.0053	U		<0.0053	U		0.004	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-45-10-042816	4/28/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-45-10-082616	8/26/2016	<0.0044	U		<0.0044	U		<0.0044	U		0.002	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-45-10-102816	10/28/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
	20 ft	VMP-45-20-020615	2/6/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-45-20-042915	4/29/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-45-20-072115	7/21/2015	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0074	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-45-20-102815	10/28/2015	<0.0048	U		<0.0048	U		<0.0048	U		0.0037	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-45-20-012516	1/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-45-20-042816	4/28/2016	<0.0042	U		0.0008	J		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-45-20-072716	7/27/2016	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-45-20-102816	10/28/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
	30 ft	VMP-45-30-020615	2/6/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-45-30-020615-DUP	2/6/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-45-30-042915	4/29/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-45-30-072115	7/21/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-45-30-072115-DUP	7/21/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-45-30-102815	10/28/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0036	J		<0.0055	U		<0.0054	U		<0.0054	U		0.011	J	
		VMP-45-30-012516	1/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-45-30-042816	4/28/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-45-30-042816-DUP	4/28/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-45-30-072716	7/27/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		0.0067	J	
		VMP-45-30-102816	10/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-020215	2/2/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-47-5-042815	4/28/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-47-5-072115	7/21/2015	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-47-5-102715	10/27/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	J	U	<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-47-5-012916	1/29/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-47-5-042516	4/25/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-47-5-072516	7/25/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-47-5-102616	10/26/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
	10 ft	VMP-47-10-020215	2/2/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-47-10-042815	4/28/2015	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-47-10-072115	7/21/2015	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-47-10-102715	10/27/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-47-10-012916	1/29/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-47-10-042516	4/25/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-47-10-080216	8/2/2016	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-47-10-102616	10/26/2016	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	20 ft	VMP-47-20-020215	2/2/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-47-20-042815	4/28/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-47-20-072115	7/21/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-47-20-102715	10/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-47-20-012916	1/29/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.0022	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-47-20-042516	4/25/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-47-20-072516	7/25/2016	<0.0057	U		<0.0057	U		<0.0057	U		0.017	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-47-20-102616	10/26/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
	30 ft	VMP-47-30-020215	2/2/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-47-30-020215-DUP	2/2/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-47-30-042815	4/28/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-47-30-042815-DUP	4/28/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		0.006	J	
		VMP-47-30-072115	7/21/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-47-30-102715	10/27/2015	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	J	U	<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-47-30-102715-DUP	10/27/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	J	U	<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-47-30-012916-DUP	1/29/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-47-30-042516	4/25/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-47-30-042516-DUP	4/25/2016	<0.0066	U		<0.0066	U		<0.0066	U		<0.058	U		<0.0077	U		<0.0076	U		<0.0076	U		<0.024	U	
		VMP-47-30-072516	7/25/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-47-30-102616	10/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
VMP-48	5 ft	VMP-48-5-020215	2/2/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-48-5-042815	4/28/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-48-5-072115	7/21/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-48-5-102015	10/20/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-48-5-012916	1/29/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.055	U		<0.0073	U		<0.0071	U		<0.0071	U		<0.023	U	
		VMP-48-5-042516	4/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-48-5-072516	7/25/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-48-5-102616	10/26/2016	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	10 ft	VMP-48-10-020215	2/2/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-48-10-042815	4/28/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-48-10-042815-DUP	4/28/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-48-10-072115	7/21/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-48-10-102015	10/20/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-48-10-012916	1/29/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-48-10-042516	4/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-48-10-072516	7/25/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-48-10-102616	10/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	20 ft	VMP-48-20-020215	2/2/2015	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-48-20-042815	4/28/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-48-20-102015	10/20/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-48-20-042516	4/25/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-48-20-102616	10/26/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	30 ft	VMP-48-30-020215	2/2/2015	<0.004	U		<0.004	U		<0.004	U		<0.035	U		<0.0046	U		<0.0046	U		<0.0046	U		<0.014	U	
		VMP-48-30-042815	4/28/2015	<0.0059	U		0.047			0.0064			<0.051	U		0.003	J		0.0019	J		0.0017	J		<0.021	U	
		VMP-48-30-080315	8/3/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-48-30-102015	10/20/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-48-30-102015-DUP	10/20/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-48-30-012916	1/29/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-48-30-042516	4/25/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-48-30-042516-DUP	4/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-48-30-072516	7/25/2016	<0.0049	U		<0.0049	U		<0.0049	U		0.021	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-48-30-102616	10/26/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-48-30-102616-Dup	10/26/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-020215	2/3/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-49-5-042815	4/28/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-49-5-073015	7/30/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0029	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-49-5-110315	11/3/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0074	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-49-5-020116	2/1/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-49-5-042616	4/26/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-49-5-080116	8/1/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-49-5-102716	10/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	10 ft	VMP-49-10-020215	2/3/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-49-10-042815	4/28/2015	<0.0073	U		<0.0073	U		<0.0073	U	UJ	<0.064	U		<0.0085	U		<0.0084	U		<0.0084	U		<0.027	U	
		VMP-49-10-073015	7/30/2015	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-49-10-110315	11/3/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.003	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-49-10-020116	2/1/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-49-10-042616	4/26/2016	<0.0064	U		<0.0064	U		<0.0064	U		<0.056	U		<0.0074	U		<0.0073	U		<0.0073	U		<0.023	U	
		VMP-49-10-080116	8/1/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-49-10-102716	10/27/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
	20 ft	VMP-49-20-020215	2/3/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-49-20-073015	7/30/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.0051	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-49-20-110315	11/3/2015	<0.0048	U		<0.0048	U		<0.0048	U		0.014	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-49-20-020116	2/1/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-49-20-042616	4/26/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-49-20-080116	8/1/2016	<0.0051	U		<0.0051	U		<0.0051	U		0.0042	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-49-20-102716	10/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	30 ft	VMP-49-30-020215	2/3/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-49-30-042815	4/28/2015	<0.006	U		<0.006	U		<0.006	U	UJ	<0.053	U		<0.007	U		<0.0069	U		<0.0069	J	U	<0.022	U	
		VMP-49-30-073015	7/30/2015	<0.74	U		<0.74	U		<0.74	U		<0.65	U		<0.86	U		<0.85	U		<0.85	U		<2.7	U	
		VMP-49-30-073015-DUP	7/30/2015	<0.72	U		<0.72	U		<0.72	U		<0.63	U		<0.84	U		<0.83	U		<0.83	U		<2.6	U	
		VMP-49-30-110315	11/3/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.003	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-49-30-110315-DUP	11/3/2015	<0.0049	U		<0.0049	U		<0.0049	U		0.0043	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-49-30-020116	2/1/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-49-30-020116-DUP	2/1/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-49-30-042716	4/27/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-49-30-042716-DUP	4/27/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-49-30-080116	8/1/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-49-30-080116-DUP	8/1/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-49-30-102716	10/27/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
VMP-50	5 ft	VMP-50-5-021015	2/10/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-50-5-050515	5/5/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-50-5-073015	7/30/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0034	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-50-5-110315	11/3/2015	<0.0045	U		<0.0045	U		<0.0045	U		0.0082	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-50-5-020216	2/2/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-50-5-050316	5/3/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-50-5-080216	8/2/2016	<0.0071	U		<0.0071	U		<0.0071	U		<0.062	U		<0.0083	U		<0.0082	U		<0.0082	U		<0.026	U	
		VMP-50-5-103116	10/31/2016	<0.009	U		<0.009	U		<0.009	U		<0.079	U		<0.01	U		<0.01	U		<0.01	U		<0.033	U	
	10 ft	VMP-50-10-021015	2/10/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-50-10-050515	5/5/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-50-10-073015	7/30/2015	<0.006	U		<0.006	U		<0.006	U		0.0041	J		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-50-10-110315	11/3/2015	<0.005	U		<0.005	U		<0.005	U		0.0044	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-50-10-020216	2/2/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-50-10-050316	5/3/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-50-10-082616	8/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-50-10-103116	10/31/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	20 ft	VMP-50-20-021015	2/10/2015	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-50-20-050515	5/5/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-50-20-073015	7/30/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0037	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-50-20-110315	11/3/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0059	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-50-20-020216	2/2/2016	<0.0066	U		<0.0066	U		<0.0066	U		<0.058	U		<0.0077	U		<0.0076	U		<0.0076	U		<0.024	U	
		VMP-50-20-050316	5/3/2016	<0.0064	U		<0.0064	U		<0.0064	U		<0.056	U		<0.0074	U		<0.0073	U		<0.0073	U		<0.023	U	
		VMP-50-20-082616	8/26/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-50-20-103116	10/31/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
	30 ft	VMP-50-30-021015	2/10/2015	<1.2	U		<1.2	U		<1.2	U		<11	U		<1.4	U		<1.4	U		<1.4	U		<4.5	U	
		VMP-50-30-050515	5/5/2015	<1.2	U		<1.2	U		<1.2	U		<1	U		<1.4	U		<1.3	U		<1.3	U		<4.2	U	
		VMP-50-30-061515-R	6/15/2015	<0.54	U		<0.54	U		<0.54	U		<0.48	U		<0.64	U		<0.62	U		<0.62	U		<2	U	
		VMP-50-30-073015	7/30/2015	<0.78	U		<0.78	U		<0.78	U		<0.68	U		<0.91	U		<0.89	U		<0.89	U		<2.8	U	
		VMP-50-30-110315	11/3/2015	<0.053	U		<0.053	U		<0.053	U		<0.047	U		<0.062	U		<0.061	U		<0.061	U		<0.19	U	
		VMP-50-30-020216	2/2/2016	<1.6	U		<1.6	U		<1.6	U	UJ	<1.4	U		<1.9	U		<1.8	U		<1.8	U		<5.9	U	
		VMP-50-30-020216-DUP	2/2/2016	<1.8	U		<1.8	U		<1.8	U	UJ	<1.6	U		<2.1	U		<2.1	U		<2.1	U		<6.6	U	
		VMP-50-30-050316	5/3/2016	<0.19	U		<0.19	U		<0.19	U		<0.17	U		<0.22	U		<0.22	U		<0.22	U		<0.69	U	
		VMP-50-30-080216	8/2/2016	<0.056	U		<0.056	U		<0.056	U		0.026	J		<0.065	U		<0.064	U		<0.064	U		<0.2	U	
		VMP-50-30-103116	10/31/2016	<0.11	U		<0.11	U		<0.11	U		<0.39	U		<0.13	U		<0.13	U		<0.13	U		<0.41	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020315	2/3/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-5-042915	4/29/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-51-5-072115	7/21/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-51-5-102815	10/28/2015	<0.006	U		<0.006	U		<0.006	U		0.0066	J		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-51-5-012516	1/25/2016	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-51-5-042816	4/28/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-51-5-072716	7/27/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.0057	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-51-5-101916	10/19/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
	10 ft	VMP-51-10-020315	2/3/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-51-10-042915	4/29/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-51-10-072115	7/21/2015	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-51-10-102815	10/28/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-51-10-012516	1/25/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-51-10-042816	4/28/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-51-10-042816-DUP	4/28/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-51-10-072716	7/27/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-51-10-101916	10/19/2016	<0.0046	U		<0.0046	U		<0.0046	U		0.0023	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
	20 ft	VMP-51-20-020315	2/3/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-51-20-042915	4/29/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-51-20-072115	7/21/2015	<0.0071	U		<0.0071	U		<0.0071	U		<0.062	U		<0.0082	U		<0.0081	U		<0.0081	U		<0.026	U	
		VMP-51-20-102815	10/28/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		0.0057	J	
		VMP-51-20-012516	1/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-20-042816	4/28/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.055	U		<0.0073	U		<0.0071	U		<0.0071	U		<0.023	U	
		VMP-51-20-052516-R	5/25/2016	<0.0054	U		<0.0054	U		<0.0054	U		0.0015	J		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-51-20-072716	7/27/2016	<0.0064	U		<0.0064	U		<0.0064	U		0.0042	J		<0.0074	U		<0.0073	U		<0.0073	U		<0.023	U	
		VMP-51-20-101916-Dup	10/19/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-51-20-101916	10/19/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	30 ft	VMP-51-30-020315	2/3/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-51-30-020315-DUP	2/3/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-30-042915	4/29/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-51-30-042915-DUP	4/29/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-30-072115	7/21/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-51-30-102815	10/28/2015	<0.0062	U		<0.0062	U		<0.0062	U		0.0055	J		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-51-30-012516	1/25/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-51-30-012516-DUP	1/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-30-042816	4/28/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-51-30-072716	7/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-51-30-072716-DUP	7/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		0.0015	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-30-101916	10/19/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
VMP-52	5 ft	VMP-52-5-020415	2/4/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-52-5-042915	4/29/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-52-5-072715	7/27/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-52-5-102915	10/29/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0053	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-52-5-012516	1/25/2016	<0.0053	U		<0.0053	U		<0.0053	U		0.0022	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-52-5-042516	4/25/2016	<0.0049	U		<0.0049	U		<0.0049	U		0.0073	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-52-5-072716	7/27/2016	<0.0058	U		<0.0058	U		<0.0058	U		0.0019	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-52-5-102716	10/27/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	10 ft	VMP-52-10-020415	2/4/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-52-10-042915	4/29/2015	<0.0065	U		<0.0065	U		<0.0065	U		<0.057	U		<0.0076	U		<0.0075	U		<0.0075	U		<0.024	U	
		VMP-52-10-072715	7/27/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-52-10-102915	10/29/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.0034	J		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-52-10-012516	1/25/2016	<0.005	U		<0.005	U		<0.005	U		0.002	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-52-10-042516	4/25/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-52-10-072716	7/27/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U		<0.022	U	
		VMP-52-10-102716	10/27/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
	20 ft	VMP-52-20-020415	2/4/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-52-20-042915	4/29/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-52-20-072715	7/27/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.0049	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-52-20-102915	10/29/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0037	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-52-20-012516	1/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-52-20-042516	4/25/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-52-20-072716	7/27/2016	<0.0065	U		<0.0065	U		<0.0065	U		<0.057	U		<0.0076	U		<0.0074	U		<0.0074	U		<0.024	U	
		VMP-52-20-102716	10/27/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
	30 ft	VMP-52-30-020415	2/4/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-52-30-020415-DUP	2/4/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-52-30-042915	4/29/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-52-30-072715	7/27/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0027	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-52-30-102915	10/29/2015	<0.005	U		<0.005	U		<0.005	U		0.0063	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-52-30-020216-R	2/2/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-52-30-042516	4/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		0.0028	J	
		VMP-52-30-072716	7/27/2016	<0.0065	U		<0.0065	U		<0.0065	U		<0.057	U		<0.0076	U		<0.0075	U		<0.0075	U		<0.024	U	
		VMP-52-30-102716	10/27/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	5 ft	VMP-53-5-020415	2/4/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-53-5-050415	5/4/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-53-5-072415	7/24/2015	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-53-5-102815	10/28/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.0052	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-53-5-012816	1/28/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-53-5-042816	4/28/2016	<0.0049	U		<0.0049	U		<0.0049	U		0.0038	J		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-53-5-072916	7/29/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.055	U		<0.0073	U		<0.0071	U		<0.0071	U		<0.023	U	
		VMP-53-5-102516	10/25/2016	<0.0054	U		<0.0054	U		<0.0054	U		0.0026	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-53-5-120916	12/9/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	10 ft	VMP-53-10-020415	2/4/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-53-10-050415	5/4/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-53-10-072415	7/24/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-53-10-102815	10/28/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	J	U	<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-53-10-012816	1/28/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-53-10-042816	4/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-53-10-082616	8/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-53-10-102516	10/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-53-10-120916	12/9/2016	<0.005	U		<0.005	U		<0.005	U		0.0017	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
	20 ft	VMP-53-20-020415	2/4/2015	<0.011	U		<0.011	U		<0.011	U		<0.097	U		<0.013	U		<0.013	U		<0.013	U		<0.04	U	
		VMP-53-20-050415	5/4/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0036	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-53-20-072415	7/24/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-53-20-102815	10/28/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-53-20-021616	2/16/2016	<0.0063	U		<0.0063	U		<0.0063	U		0.0034	J		<0.0074	U		<0.0073	U		<0.0073	U		<0.023	U	
		VMP-53-20-042816	4/28/2016	<0.0053	U		<0.0053	U		<0.0053	U		0.0016	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-53-20-072916	7/29/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-53-20-102516	10/25/2016	<0.0093	U		<0.0093	U		<0.0093	U		<0.082	U		<0.011	U		<0.011	U		<0.011	U		<0.034	U	
		VMP-53-20-120916	12/9/2016	<0.005	U		<0.005	U		<0.005	U		0.003	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	30 ft	VMP-53-30-020415	2/4/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-53-30-050415	5/4/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-53-30-072415	7/24/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-53-30-102815	10/28/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.0053	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-53-30-012816	1/28/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-53-30-042816	4/28/2016	<0.0061	U		<0.0061	U		<0.0061	U		0.0023	J		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-53-30-052516-R	5/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		0.0016	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-53-30-072916	7/29/2016	<0.0043	U		<0.0043	U		<0.0043	U		0.0042	J		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-53-30-102516	10/25/2016	<0.0099	U		<0.0099	U		<0.0099	U		<0.087	U		<0.012	U		<0.011	U		<0.011	U		<0.036	U	
		VMP-53-30-120916	12/9/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
VMP-54	5 ft	VMP-54-5-020515	2/5/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-54-5-050415	5/4/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-54-5-072415	7/24/2015	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	J	U	<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-54-5-102715	10/27/2015	<0.0046	U		<0.0046	U		<0.0046	U		0.0026	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-54-5-012816	1/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-54-5-042916	4/29/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-54-5-080116	8/1/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-54-5-102816	10/28/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
	10 ft	VMP-54-10-020515	2/5/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-54-10-050415	5/4/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-54-10-072415	7/24/2015	<0.0065	U		<0.0065	U		<0.0065	U		0.0079	J	J	<0.0076	U		<0.0075	U		<0.0075	U		<0.024	U	
		VMP-54-10-102715	10/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-54-10-012816	1/28/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-54-10-042916	4/29/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-54-10-080116	8/1/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-54-10-102816	10/28/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
	20 ft	VMP-54-20-020515	2/5/2015	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-54-20-050415	5/4/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.0025	J		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-54-20-072415	7/24/2015	<0.006	U		<0.006	U		<0.006	U		0.0069	J	J	<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-54-20-102715	10/27/2015	<0.0046	U		<0.0046	U		<0.0046	U		0.0032	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-54-20-102715-DUP	10/27/2015	<0.0046	U		<0.0046	U		<0.0046	U		0.0026	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-54-20-012816	1/28/2016	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-54-20-050516	5/5/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-54-20-050516-DUP	5/5/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-54-20-080116	8/1/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-54-20-102816	10/28/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
	30 ft	VMP-54-30-021215	2/12/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-54-30-050415	5/4/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0026	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-54-30-080315	8/3/2015	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-54-30-102715	10/27/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0027	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-54-30-012816	1/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-54-30-042916	4/29/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-54-30-042916-DUP	4/29/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-54-30-080116	8/1/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-54-30-102816	10/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-020515	2/5/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-55-5-050615	5/6/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-55-5-110215	11/2/2015	<0.037	U		<0.037	U		<0.037	U		0.019	J		<0.043	U		<0.043	U		<0.043	U		<0.14	U	
		VMP-55-5-020416	2/4/2016	<0.052	U		<0.052	U		<0.052	U	UJ	<0.046	U		<0.061	U		<0.06	U		<0.06	U		<0.19	U	
		VMP-55-5-082616	8/26/2016	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
	20 ft	VMP-55-20-020515	2/5/2015	<0.51	U		<0.51	U		<0.51	U		0.44	J		<0.6	U		<0.58	U		<0.58	U		<1.8	U	
		VMP-55-20-050615	5/6/2015	<3.4	U		<3.4	U		<3.4	U		<29	U		<3.9	U		<3.8	U		<3.8	U		<12	U	
		VMP-55-20-072915	7/29/2015	<0.054	U		<0.054	U		<0.054	U		<0.47	U		<0.063	U		<0.062	U		<0.062	U		<0.2	U	
		VMP-55-20-072915-DUP	7/29/2015	<0.057	U		<0.057	U		<0.057	U		<0.5	U		<0.067	U		<0.066	U		<0.066	U		<0.21	U	
		VMP-55-20-110215	11/2/2015	<1.6	U		<1.6	U		<1.6	U		<1.4	U		<1.8	U		<1.8	U		<1.8	U		<5.8	U	
		VMP-55-20-020416	2/4/2016	<0.52	U		<0.52	U		<0.52	U		<0.46	U		<0.61	U		<0.6	U		<0.6	U		<1.9	U	
		VMP-55-20-020416-DUP	2/4/2016	<0.47	U		<0.47	U		<0.47	U		<0.42	U		<0.55	U		<0.54	U		<0.54	U		<1.7	U	
		VMP-55-20-050416	5/4/2016	<0.72	U		<0.72	U		<0.72	U		<0.63	U		<0.84	U		<0.83	U		<0.83	U		<2.6	U	
		VMP-55-20-080316	8/3/2016	<0.37	U		<0.37	U		<0.37	U		<1.3	U		<0.43	U		<0.42	U		<0.42	U		<1.3	U	
		VMP-55-20-110116	11/1/2016	<0.55	U		<0.55	U		<0.55	U		<4.8	U		<0.64	U		<0.63	U		<0.63	U		<2	U	
	30 ft	VMP-55-30-030915	3/9/2015	<1.4	U		<1.4	U		<1.4	U		<1.2	U		<1.6	U		<1.6	U		<1.6	U		<5	U	
		VMP-55-30-050615	5/6/2015	<4.6	U		<4.6	U		<4.6	U		<41	U		<5.4	U		<5.3	U		<5.3	U		<17	U	
		VMP-55-30-050615-DUP	5/6/2015	<4.7	U		<4.7	U		<4.7	U		<41	U		<5.5	U		<5.4	U		<5.4	U		<17	U	
		VMP-55-30-061515-Dup-R	6/15/2015	<0.062	U		<0.062	U		<0.062	U		<0.055	U		<0.073	U		<0.071	U		<0.071	U		<0.23	U	
		VMP-55-30-061515-R	6/15/2015	<0.05	U		<0.05	U		<0.05	U		<0.044	U		<0.059	U		<0.058	U		<0.058	U		<0.18	U	
VMP-56	10 ft	VMP-56-10-021015	2/10/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-56-10-110315	11/3/2015	<0.005	U		<0.005	U		<0.005	U		0.0062	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-56-10-020416	2/4/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-56-10-050516	5/5/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-56-10-072716	7/27/2016	<0.0055	U		<0.0055	U		<0.0055	U		0.0018	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-56-10-102416	10/24/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	25 ft	VMP-56-25-021015	2/10/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-56-25-050715	5/7/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		0.0019	J	
		VMP-56-25-073115	7/31/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-56-25-110315	11/3/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.005	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-56-25-020416	2/4/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-56-25-050516	5/5/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-56-25-050516-DUP	5/5/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-56-25-072716	7/27/2016	<0.0065	U		<0.0065	U		<0.0065	U		0.0062	J		<0.0076	U		<0.0075	U		<0.0075	U		<0.024	U	
		VMP-56-25-102416	10/24/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
	38.5 ft	VMP-56-38.5-021015	2/10/2015	<5.3	U		<5.3	U		<5.3	U		<4.6	U		<6.2	U		<6	U		<6	U		<19	U	
		VMP-56-38.5-050715	5/7/2015	<61	U		<61	U		<61	U		<53	U		<71	U		<69	U		<69	U		<220	U	
		VMP-56-38.5-061515-R	6/15/2015	<5.8	U		<5.8	U		<5.8	U		<5.1	U		<6.8	U		<6.7	U		<6.7	U		<21	U	
		VMP-56-38.5-073115	7/31/2015	<5.1	U		<5.1	U		<5.1	U		<4.5	U		<6	U		<5.8	U		<5.8	U		<18	U	
		VMP-56-38.5-073115-DUP	7/31/2015	<19	U		<19	U		<19	U		<17	U		<22	U		<22	U		<22	U		<69	U	
		VMP-56-38.5-110315	11/3/2015	<6	U		<6	U		<6	U		<5.3	U		<7	U		<6.9	U		<6.9	U		<22	U	
		VMP-56-38.5-110315-DUP	11/3/2015	<44	U		<44	U		<44	U		15	J		<51	U		<50	U		<50	U		<160	U	
		VMP-56-38.5-020416	2/4/2016	<34	U		<34	U		<34	U		<29	U		<39	U		<38	U		<38	U		<120	U	
VMP-62	5 ft	VMP-62-5-020315	2/3/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-62-5-042815	4/28/2015	<0.0057	U		<0.0057	U		<0.0057	U	UJ	<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-62-5-072415	7/24/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-62-5-102015	10/20/2015	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	J	U	<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-62-5-012816	1/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-62-5-042516	4/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-62-5-072616	7/26/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-62-5-102416	10/24/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	10 ft	VMP-62-10-020315	2/3/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-62-10-042815	4/28/2015	<0.0054	U		<0.0054	U		<0.0054	U	UJ	<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-62-10-072415	7/24/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	J	U	0.0016	J	J	<0.0061	U		<0.0061	U		<0.019	U	
		VMP-62-10-102015	10/20/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-62-10-012816	1/28/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-62-10-042516	4/25/2016	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-62-10-072616	7/26/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.055	U		<0.0073	U		<0.0071	U		<0.0071	U		<0.023	U	
		VMP-62-10-102416	10/24/2016	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
	20 ft	VMP-62-20-020315	2/3/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-62-20-042815	4/28/2015	<0.0056	U		<0.0056	U		<0.0056	U	UJ	<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-62-20-072415	7/24/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-62-20-102015	10/20/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-62-20-012816	1/28/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-62-20-042516	4/25/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-62-20-072616	7/26/2016	<0.0051	U		<0.0051	U		<0.0051	U		0.0026	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-62-20-102416	10/24/2016	<0.0046	U		<0.0046	U		<0.0046	U		0.027	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	30 ft	VMP-62-30-020315	2/3/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-62-30-042815	4/28/2015	<0.0055	U		<0.0055	U		<0.0055	U	UJ	<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-62-30-072415	7/24/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		0.0052	J	
		VMP-62-30-102015	10/20/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-62-30-012816	1/28/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-62-30-012816-DUP	1/28/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-62-30-042516	4/25/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-62-30-072616	7/26/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-62-30-072616-DUP	7/26/2016	<0.0058	U		<0.0058	U		<0.0058	U		0.002	J		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-62-30-102416	10/24/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-62-30-102416-Dup	10/24/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
VMP-63	5 ft	VMP-63-5-020315	2/3/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-63-5-042815	4/28/2015	<0.0058	U		<0.0058	U		<0.0058	U	UJ	<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-63-5-072415	7/24/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-63-5-102615	10/26/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-63-5-012816	1/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-63-5-042616	4/26/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-63-5-072516	7/25/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-63-5-102416	10/24/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
	10 ft	VMP-63-10-020315	2/3/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-63-10-042815	4/28/2015	<0.0055	U		<0.0055	U		<0.0055	U	UJ	<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-63-10-072415	7/24/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-63-10-102615	10/26/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-63-10-012816	1/28/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.0025	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-63-10-042616	4/26/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-63-10-072516	7/25/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.007	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-63-10-102416	10/24/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	20 ft	VMP-63-20-020315	2/3/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-63-20-020315-DUP	2/3/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-63-20-042815	4/28/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-63-20-072415	7/24/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-63-20-102615	10/26/2015	<0.0049	U		<0.0049	U		<0.0049	U		0.0063	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-63-20-012816	1/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-63-20-042616	4/26/2016	<0.006	U		<0.006	U		<0.006	U		0.0026	J		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-63-20-042616-DUP	4/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-63-20-072516	7/25/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-63-20-102416	10/24/2016	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
	30 ft	VMP-63-30-020315	2/3/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-63-30-042815	4/28/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-63-30-072415	7/24/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-63-30-102615	10/26/2015	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	J	U	<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-63-30-102615-DUP	10/26/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-63-30-012816	1/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-63-30-042616	4/26/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-63-30-072516	7/25/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-63-30-072516-DUP	7/25/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-63-30-102416	10/24/2016	<0.005	U		<0.005	U		<0.005	U		0.0022	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-020315	2/3/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-64-5-042815	4/28/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-64-5-072415	7/24/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-64-5-102615	10/26/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0031	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-64-5-012816	1/28/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-64-5-042616	4/26/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0074	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-64-5-080216	8/2/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-64-5-080216-DUP	8/2/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-64-5-102416	10/24/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.0066	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	10 ft	VMP-64-10-020315	2/3/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-64-10-042815	4/28/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-64-10-072415	7/24/2015	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-64-10-102615	10/26/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-64-10-012816	1/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-64-10-042616	4/26/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-64-10-072216	7/22/2016	<0.0043	U		<0.0043	U		<0.0043	U		0.018	J		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-64-10-102416	10/24/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
	20 ft	VMP-64-20-020315	2/3/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-64-20-042815	4/28/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-64-20-072415	7/24/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-64-20-102615	10/26/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.003	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-64-20-012816	1/28/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-64-20-042616	4/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-64-20-042616-DUP	4/26/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-64-20-072216	7/22/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-64-20-072216-DUP	7/22/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.013	J		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-64-20-102416	10/24/2016	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-64-20-102416-Dup	10/24/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	J	U	<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-020915	2/9/2015	0.0085	J		<0.0051	U		0.0014	J		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		0.0016	J	
		VMP-1-5-050515	5/5/2015	0.0083	J		<0.0061	U		0.0026	J		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		0.0016	J	
		VMP-1-5-073015	7/30/2015	<0.01	J	U	0.0016	J		0.0015	J		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-1-5-110315	11/3/2015	0.007	J		<0.0061	U		0.014			<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0024	J	
		VMP-1-5-020316	2/3/2016	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-1-5-050316	5/3/2016	<0.0099	U		<0.0057	U		0.0012	J		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-1-5-072516	7/25/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0032	J		<0.058	U		0.0022	J	
		VMP-1-5-102816	10/28/2016	0.018			0.068			0.01			<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
	8.5 ft	VMP-1-8-020915	2/9/2015	0.0074	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-1-8.5-050515	5/5/2015	0.008	J		0.0024	J		0.0035	J		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-1-8.5-073015	7/30/2015	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-1-8.5-110315	11/3/2015	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-1-8.5-020316	2/3/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		0.0013	J	
		VMP-1-8.5-050316	5/3/2016	0.0073	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0025	J		<0.06	U		0.002	J	
		VMP-1-8.5-072516	7/25/2016	0.016			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.01			<0.052	U		0.002	J	
		VMP-1-8.5-102816	10/28/2016	0.033			0.0058			0.002	J		<0.0085	U		<0.0077	U		0.0038	J		<0.047	U		<0.0039	U	
	23.5 ft	VMP-1-23.5-020915	2/9/2015	<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-1-23.5-050515	5/5/2015	0.0058	J		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-1-23.5-073015	7/30/2015	<0.012	J	U	<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U		<0.0054	U	
		VMP-1-23.5-110315	11/3/2015	0.0059	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		0.0019	J		<0.055	U		0.0014	J	
		VMP-1-23.5-020316	2/3/2016	<0.01	U		<0.0059	U		0.0061	J		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-1-23.5-050316	5/3/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.0011	J	
		VMP-1-23.5-050316-DUP	5/3/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0011	J	
		VMP-1-23.5-072516	7/25/2016	<0.0097	U		0.0015	J		<0.0063	U		<0.0098	U		<0.009	U		0.0053			<0.055	U		0.0068		
		VMP-1-23.5-072516-DUP	7/25/2016	<0.01	U		0.0022	J		<0.0068	U		<0.01	U		<0.0096	U		0.0055	J		<0.059	U		0.0071		
		VMP1-23.5-102816	10/28/2016	0.028			0.16			0.024			<0.0094	U		<0.0086	U		0.0027	J		<0.052	U		<0.0043	U	
	38.5 ft	VMP-1-38.5-020915	2/9/2015	1.8			0.39	J		0.25	J		0.52	J		0.62	J		0.65			<5.6	U		0.52		
		VMP-1-38.5-020915-DUP	2/9/2015	<0.96	U		<0.55	U		0.57	J		<0.97	U		<0.89	U		<0.52	U		<5.4	U		<0.45	U	
		VMP-1-38.5-050515	5/5/2015	0.52	J		<0.58	U		0.24	J		<1	U		<0.93	U		1.4			<5.6	U		12		
		VMP-1-38.5-061515-R	6/15/2015	<0.11	U		<0.063	U		<0.072	U		<0.11	U		<0.1	U		<0.06	U		<0.62	U		0.23		
		VMP-1-38.5-073015	7/30/2015	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		0.0041	J		<0.062	U		0.0057		
VMP-2	5 ft	VMP-2-5-021015	2/10/2015	<0.0099	J	U	0.79			5.3		J	<0.01	U		<0.0092	U		0.099			<0.056	U		0.016		
		VMP-2-5-050615	5/6/2015	0.011	J		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-2-5-110415	11/4/2015	0.01			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		0.0024	J		<0.053	U		0.0056		
		VMP-2-5-020116	2/1/2016	0.0044	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-2-5-042716	4/27/2016	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-2-5-072616	7/26/2016	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-2-5-102616	10/26/2016	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	J	U
	8.5 ft	VMP-2-8.5-021015	2/10/2015	<0.01	J	U	<0.006	U		0.0051	J		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-2-8.5-050615	5/6/2015	<0.01	U		0.0019	J		0.0038	J		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-2-8.5-110415	11/4/2015	0.0082	J		<0.0061	U		0.0028	J		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0024	J	
		VMP-2-8.5-021616	2/16/2016	0.0084	J		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	
		VMP-2-8.5-042716	4/27/2016	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-2-8.5-072616	7/26/2016	<0.011	U		<0.0064	U		0.0045	J		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-2-8.5-102616	10/26/2016	<0.01	U		0.0031	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	J	U
	22 ft	VMP-2-22-021015	2/10/2015	0.023		J	0.0032	J		0.0031	J	J	<0.0099	U		<0.009	U		0.0042	J		<0.055	U		0.011		
		VMP-2-22-021015-DUP	2/10/2015	<0.0095	J	UJ	0.0024	J		0.0012	J	J	<0.0097	U		<0.0088	U		0.005	J		<0.054	U		0.0098		
		VMP-2-22-050615	5/6/2015	0.0096	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-2-22-073015	7/30/2015	0.013	J0	J	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-2-22-110415	11/4/2015	0.018			<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		0.0035	J		<0.056	U		0.0014	J	
		VMP-2-22-020116	2/1/2016	0.0086	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-2-22-020116-DUP	2/1/2016	0.0094	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-2-22-042716	4/27/2016	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	
		VMP-2-22-072616	7/26/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-2-22-102616	10/26/2016	0.011			0.0017	J		<0.0066	U		<0.01	U		<0.0094	U		0.003	J		<0.058	U		0.0015	J	
	42 ft	VMP-2-42-021015	2/10/2015	<9	U		1.8	J		<5.8	U		<9.1	U		<8.3	U		130			<51	U		1000		
		VMP-2-42-050615	5/6/2015	44	J		<74	U		<84	U		<130	U		<120	U		220			<720	U		1400		
		VMP-2-42-061515-R	6/15/2015	<100	U		<59	U		<67	U		<100	U		<95	U		510			<580	U		3200		
		VMP-2-42-073015	7/30/2015	<610	U		<350	U		<400	U		<620	U		<570	U		200	J		<3400	U		1500		
VMP-3	5 ft	VMP-3-5-020915	2/9/2015	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.0012	J		<0.052	U		<0.0043	U	
		VMP-3-5-050415	5/4/2015	0.0096	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0058	U		<0.061	U		<0.005	U	
		VMP-3-5-072915	7/29/2015	0.029			<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		0.0012	J		<0.056	U		0.0025	J	
		VMP-3-5-110515	11/5/2015	<0.0084	U		0.013			0.017			<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-3-5-021616	2/16/2016	0.085			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		0.0026	J	
		VMP-3-5-042716	4/27/2016	0.0052	J		0.0019	J		<0.0064	U		<0.0099	U		<0.009	U		0.017			<0.055	U		0.04		
		VMP-3-5-080116	8/1/2016	0.0056	J		<0.0085	U		<0.0096	U		<0.015	U		<0.014	U		0.0038	J		<0.083	U		0.0012	J	
		VMP-3-5-102616	10/26/2016	<0.01	J	U	0.0036	J		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	J	U

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10-020915	2/9/2015	0.011			<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		0.0014	J		<0.048	U		0.0017	J	
		VMP-3-10-050415	5/4/2015	0.011	J		<0.0062	U		0.0023	J		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.00095	J	
		VMP-3-10-072915	7/29/2015	0.026			<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-3-10-110315	11/3/2015	0.0076	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		0.0027	J		<0.059	U		0.0026	J	
		VMP-3-10-021616	2/16/2016	0.0096			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-3-10-042716	4/27/2016	0.0072	J		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		0.0035	J		<0.064	U		0.0022	J	
		VMP-3-10-080216	8/2/2016	0.011			0.0026	J		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0029	J	
		VMP-3-10-102616	10/26/2016	0.0086	J		0.033			0.0033	J		<0.012	U		<0.011	U		<0.0064	U		<0.067	U		0.0028	J	
	22 ft	VMP-3-22-020915	2/9/2015	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-3-22-050815	5/8/2015	0.0056	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0013	J	
		VMP-3-22-072915	7/29/2015	<0.011	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		0.003	J		<0.061	U		0.0087		
		VMP-3-22-110315	11/3/2015	0.0046	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		0.0027	J		<0.056	U		0.003	J	
		VMP-3-22-021616	2/16/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0058	U		<0.061	U		<0.005	U	
		VMP-3-22-042716	4/27/2016	0.0086	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.00096	J	
		VMP-3-22-080116	8/1/2016	0.012	J		<0.0077	U		<0.0087	U		<0.014	U		<0.012	U		0.0043	J		<0.075	U		0.0059	J	
		VMP-3-22-102616	10/26/2016	0.013			0.03			0.003	J		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.0051	U	
	31.5 ft	VMP-3-31.5-020915	2/9/2015	<0.0085	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		0.00081	J	
		VMP-3-31.5-110315	11/3/2015	0.016			<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		0.0027	J		<0.055	U		0.0028	J	
		VMP-3-31.5-020116	2/1/2016	0.0053	J		<0.0073	U		<0.0083	U		<0.013	U		<0.012	U		<0.0069	U		<0.072	U		<0.0059	U	
		VMP-3-31.5-042716	4/27/2016	0.0068	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		0.0031	J		<0.055	U		0.0017	J	
		VMP-3-31.5-080116	8/1/2016	0.011	J		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		0.00066	J	
		VMP-3-31.5-102616	10/26/2016	0.021			0.022			0.0033	J		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0013	J	
	39 ft	VMP-3-39-020915	2/9/2015	<30	U		<17	U		4.4	J		<30	U		<28	U		<16	U		<170	U		14	J	
		VMP-3-39-110315	11/3/2015	<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		0.0027	J		<0.053	U		0.0036	J	
		VMP-3-39-020116	2/1/2016	<0.011	U		0.0064			0.003	J		<0.011	U		<0.0098	U		0.0089			<0.06	U		0.021		
		VMP-3-39-020116-DUP	2/1/2016	<0.01	U		0.0064			0.0048	J		<0.01	U		<0.0096	U		0.011			<0.059	U		0.024		
VMP-4	5 ft	VMP-4-5-021015	2/10/2015	<0.0097	J	U	<0.0056	U		0.00099	J	J	<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		0.0008	J	
		VMP-4-5-110215	11/2/2015	0.007	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-4-5-020316	2/3/2016	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		0.0012	J		<0.053	U		0.0013	J	
		VMP-4-5-050516	5/5/2016	<0.44	U		0.63			0.58			<0.45	U		<0.41	U		0.13	J		<2.5	U		0.91		
		VMP-4-5-080216	8/2/2016	0.013			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.005	J		<0.057	U		0.0035	J	
		VMP-4-5-102816	10/28/2016	0.011			0.061			0.0081			<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
	12 ft	VMP-4-12-021015	2/10/2015	<0.0098	J	U	<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0063		
		VMP-4-12-051115	5/11/2015	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0024	J	
		VMP-4-12-080315	8/3/2015	0.0087	J		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-4-12-110215	11/2/2015	0.011	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0013	J		<0.062	U		<0.0051	U	
		VMP-4-12-020316	2/3/2016	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		0.0013	J	
		VMP-4-12-050316	5/3/2016	<0.01	U		<0.006	U		0.064			<0.01	U		<0.0096	U		0.0058			<0.059	U		0.0067		
		VMP-4-12-080216	8/2/2016	0.0061	J		<0.0071	U		<0.0081	U		<0.012	U		<0.011	U		<0.0067	U		<0.07	U		0.00097	J	
		VMP-4-12-102816	10/28/2016	<0.01	J	U	0.018			0.0029	J		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
	23.5 ft	VMP-4-23.5-021015	2/10/2015	<1.1	U		0.33	J		4.8			<1.1	U		<1	U		30			<6.2	U		140		
		VMP-4-23.5-050815	5/8/2015	17			3.5			13			<1.1	U		<0.97	U		27			<5.9	U		100		
		VMP-4-23.5-061515-R	6/15/2015	<0.11	U		2.5		J	20		J	<0.11	U		<0.1	U		44		J	<0.64	U		170	E	J
		VMP-4-23.5-073015	7/30/2015	<0.42	U		0.86			6			<0.42	U		<0.39	U		18			<2.4	U		82		
		VMP-4-23.5-110215	11/2/2015	<0.21	U		0.3			1.7			<0.21	U		<0.19	U		7.5			<1.2	U		52		
		VMP-4-23.5-020316	2/3/2016	<1.8	U		<1	U		0.15	J		<1.8	U		<1.6	U		5.4			<10	U		61		
		VMP-4-23.5-020316-DUP	2/3/2016	<1.7	U		<0.99	U		<1.1	U		<1.7	U		<1.6	U		4.3			<9.7	U		51		
		VMP-4-23.5-050316	5/3/2016	<0.14	U		0.018	J	J	0.11		J	<0.14	U		<0.13	U		6.5		J	<0.78	U		48		J
		VMP-4-23.5-080216	8/2/2016	0.92			<0.29	U		<0.33	U		<0.52	U		<0.47	U		0.89			<2.9	U		14		
		VMP-4-23.5-080216-DUP	8/2/2016	1.2			<0.3	U		<0.34	U		<0.53	U		<0.48	U		0.94			<2.9	U		16		
		VMP-4-23.5-092316-DUP-R	9/23/2016	<0.11	U		0.012	J	J	0.036	J	J	<0.11	U		<0.1	U		<0.061	U		<0.63	U		14		J
		VMP-4-23.5-092316-R	9/23/2016	<0.12	U		<0.069	U		0.034	J	J	<0.12	U		<0.11	U		<0.066	U		<0.68	U		14		J
		VMP-4-23.5-102816	10/28/2016	0.03	J		0.14			0.02	J		<0.11	U		<0.098	U		<0.058	U		<0.6	U		3.6		
VMP-5	5 ft	VMP-5-5-013015	1/30/2015	0.0056	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-5-5-042915	4/29/2015	0.02			<0.0058	U		<0.0065	U		<0.01	J	U	<0.0093	U		<0.0054	U		<0.056	J	U	0.0038	J	
		VMP-5-5-072915	7/29/2015	0.014			<0.0076	U		<0.0086	U		<0.013	U		<0.012	U		<0.0072	U		<0.074	U		<0.0061	U	
		VMP-5-5-102915	10/29/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-5-5-012516	1/25/2016	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-5-5-042816	4/28/2016	0.0064	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0013	J	
		VMP-5-5-072816	7/28/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-5-5-102516	10/25/2016	<0.01	J	U	0.0019	J		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0014	J	
	12.5 ft	VMP-5-12.5-013015	1/30/2015	0.005	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-5-12.5-042915	4/29/2015	0.0075	J		<0.0062	U		<0.007	U		<0.011	J	U	<0.01	U		0.0026	J		0.057	J		0.0036	J	
		VMP-5-12.5-072915	7/29/2015	0.027			<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		0.0052	J		<0.067	U		0.0088		
		VMP-5-12.5-102915	10/29/2015	0.0084	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-5-12.5-012516	1/25/2016	0.0058	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-5-12.5-042816	4/28/2016	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.0011	J	
		VMP-5-12.5-072816	7/28/2016	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-5-12.5-102516	10/26/2016	<0.0095	J	U	0.0016	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0013	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31-013015	1/30/2015	0.01	J		0.0035	J		<0.0075	J	U	<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-5-31-042915	4/29/2015	0.0044	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0017	J		<0.059	U		0.0028	J	
		VMP-5-31-072915	7/29/2015	0.012			<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.0014	J		<0.061	U		<0.005	U	
		VMP-5-31-102915	10/29/2015	0.017			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-5-31-030916-R	3/9/2016	0.005	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-5-31-042816	4/28/2016	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-5-31-072816	7/28/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-5-31-102516	10/26/2016	0.014			0.0056	J		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	J	U
	40 ft	VMP-5-40-013015	1/30/2015	0.0047	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		0.0022	J	
		VMP-5-40-042915	4/29/2015	<0.011	U		<0.0061	U		<0.007	U		<0.011	J	U	<0.0099	U		<0.0058	U		<0.06	U		0.0022	J	
		VMP-5-40-072915	7/29/2015	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		0.018	J		<0.0049	U	
		VMP-5-40-102915	10/29/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-5-40-012516	1/25/2016	<0.0092	U		0.0059			0.0033	J		<0.0094	U		<0.0086	U		0.011			<0.052	U		0.033		
		VMP-5-40-012516-DUP	1/25/2016	<0.0094	U		0.0071			0.0033	J		<0.0096	U		<0.0087	U		0.012			<0.053	U		0.035		
		VMP-5-40-042816	4/28/2016	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0013	J	
		VMP-5-40-072816	7/28/2016	<0.0099	U		<0.0057	U		0.0036	J		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-5-40-102516	10/26/2016	<0.0093	J	U	0.0058			<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0015	J	
VMP-6	5 ft	VMP-6-5-020915	2/9/2015	<0.0091	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.0038	J		0.014	J		0.01		
		VMP-6-5-042915	4/29/2015	0.0049	J		<0.0057	U		<0.0064	U		<0.01	J	U	<0.0092	U		<0.0054	U		<0.056	U		0.0011	J	
		VMP-6-5-072715	7/27/2015	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-6-5-102915	10/29/2015	0.0048	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0015	J		0.0047	J		<0.0044	U	
		VMP-6-5-020116	2/1/2016	0.0067	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.018			<0.061	U		0.006		
		VMP-6-5-042516	4/25/2016	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0015	J	
		VMP-6-5-072816	7/28/2016	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-6-5-102816	10/28/2016	<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
	10 ft	VMP-6-10-020915	2/9/2015	0.012			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-6-10-042915	4/29/2015	0.0094	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		0.0016	J	
		VMP-6-10-072715	7/27/2015	<0.011	J	U	<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-6-10-102915	10/29/2015	0.015			<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
		VMP-6-10-020116	2/1/2016	0.0094	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	J	U	<0.062	U		0.0023	J	
		VMP-6-10-042516	4/25/2016	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-6-10-072816	7/28/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-6-10-102816	10/28/2016	<0.01	J	U	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
	31.5 ft	VMP-6-31.5-020915	2/9/2015	0.012			<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-6-31.5-042915	4/29/2015	0.0038	J		0.0027	J		0.0018	J		<0.0098	J	U	<0.0089	U		0.0029	J		<0.055	U		0.0053		
		VMP-6-31.5-042915-DUP	4/29/2015	<0.012	U		0.0025	J		<0.0076	U		<0.012	J	U	<0.011	U		0.0024	J		<0.066	U		0.0056		
		VMP-6-31.5-072715	7/27/2015	<0.011	J	U	<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.0051	U	
		VMP-6-31.5-112515	11/25/2015	0.022			0.013			0.015			<0.018	U		<0.016	U		0.0076	J		<0.1	U		0.012		
		VMP-6-31.5-020116	2/1/2016	0.064			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	J	U	<0.057	U		0.0032	J	
		VMP-6-31.5-042516	4/25/2016	<0.011	U		<0.0064	U		0.00098	J		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0011	J	
		VMP-6-31.5-072816	7/28/2016	<0.012	U		<0.0067	U		0.0017	J		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-6-31.5-102816	10/28/2016	0.026			0.16			0.016			<0.016	U		<0.015	U		0.0038	J		<0.089	U		0.0032	J	
	39 ft	VMP-6-39-020915	2/9/2015	<0.0088	U		0.00094	J		<0.0057	U		<0.0089	U		<0.0081	U		0.0041	J		<0.05	U		0.0093		
		VMP-6-39-020915-DUP	2/9/2015	0.01			0.0008	J		<0.0055	U		<0.0086	U		<0.0079	U		0.0034	J		<0.048	U		0.0095		
		VMP-6-39-042915	4/29/2015	0.0036	J		<0.0052	U		0.0024	J		<0.0092	J	U	<0.0084	U		<0.0049	U		<0.051	U		0.0013	J	
		VMP-6-39-072715	7/27/2015	<0.01	U		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-6-39-072715-DUP	7/27/2015	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-6-39-102915	10/29/2015	<0.033	U		<0.019	U		<0.021	U		<0.033	U		<0.03	U		<0.018	U		<0.18	U		0.022		
		VMP-6-39-102915-DUP	10/29/2015	0.016	J		<0.019	U		<0.022	U		<0.034	U		<0.03	U		<0.018	U		<0.19	U		0.016		
		VMP-6-39-020116	2/1/2016	0.0084	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	J	U	<0.056	U		0.0022	J	
		VMP-6-39-020116-DUP	2/1/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	J	U	<0.057	U		0.0019	J	
		VMP-6-39-042516	4/25/2016	<0.012	U		0.031			0.0054	J		<0.012	U		<0.011	U		0.091			<0.066	U		0.24		
		VMP-6-39-072816	7/28/2016	<0.012	U		<0.0071	U		<0.008	U		<0.012	U		<0.011	U		<0.0067	U		<0.07	U		<0.0058	U	
		VMP-6-39-102816	10/28/2016	<0.0093	J	U	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
VMP-7	5 ft	VMP-7-5-020215	2/2/2015	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U	
		VMP-7-5-043015	4/30/2015	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		0.0015	J	
		VMP-7-5-072715	7/27/2015	<0.0099	J	U	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-7-5-102815	10/28/2015	0.011			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.0017	J		<0.051	U		<0.0042	U	
		VMP-7-5-012716	1/27/2016	0.0062	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-7-5-042916	4/29/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-7-5-072616	7/26/2016	0.0032	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		0.0007	J	
		VMP-7-5-102516	10/25/2016	0.006	J		0.00066	J		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		0.00078	J	
	13.5 ft	VMP-7-13.5-020215	2/2/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-7-13.5-043015	4/30/2015	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		0.0018	J	
		VMP-7-13.5-072715	7/27/2015	<0.0097	U		0.0013	J		0.0017	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-7-13.5-102815	10/28/2015	0.0077	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-7-13.5-012716	1/27/2016	0.0053	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.0013	J		<0.051	U		0.0025	J	
		VMP-7-13.5-042916	4/29/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-7-13.5-072616	7/26/2016	0.013			<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		0.0032	J		<0.055	U		0.0014	J	
		VMP-7-13.5-102516	10/25/2016	0.012			0.0029	J		<0.006	U		<0.0094	U		<0.0085	U		0.0014	J		<0.052	U		0.0012	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5-020215	2/2/2015	<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-7-29.5-043015	4/30/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.0015	J	
		VMP-7-29.5-072715	7/27/2015	<0.012		U	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-7-29.5-102815	10/28/2015	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-7-29.5-012716	1/27/2016	<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		0.0024	J		<0.055	U		0.0034	J	
		VMP-7-29.5-042916	4/29/2016	0.018	J		<0.011	U		<0.012	U		<0.019	U		<0.017	U		0.0072	J		<0.11	U		0.0021	J	
		VMP-7-29.5-072616	7/26/2016	0.0079	J		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		0.0041	J		<0.055	U		0.0025	J	
		VMP-7-29.5-102516	10/25/2016	0.012			0.0023	J		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		0.0012	J	
	38 ft	VMP-7-38-020215	2/2/2015	0.012			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-7-38-043015	4/30/2015	0.0052	J		<0.0061	U		0.0046	J		<0.011	U		<0.0098	U		<0.0058	U		0.0044	J		0.0013	J	
		VMP-7-38-072715	7/27/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-7-38-102815	10/28/2015	0.0061	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-7-38-102815-DUP	10/28/2015	<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-7-38-012716	1/27/2016	0.0057	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-7-38-012716-DUP	1/27/2016	0.012			<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-7-38-042916	4/29/2016	<0.011	U		0.002	J		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0012	J	
		VMP-7-38-042916-DUP	4/29/2016	<0.011	U		0.002	J		0.0017	J		<0.011	U		<0.0098	U		0.0012	J		<0.06	U		0.0017	J	
		VMP-7-38-072616	7/26/2016	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.067	U		<0.0056	U	
		VMP-7-38-072616-DUP	7/26/2016	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-7-38-102516	10/25/2016	0.0039	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0016	J	
		VMP-7-38-102516-Dup	10/25/2016	<0.02	U		<0.011	U		<0.013	U		<0.02	U		<0.018	U		<0.011	U		<0.11	U		0.0016	J	
VMP-8	5 ft	VMP-8-5-020915	2/9/2015	<0.01	U		0.0019	J		0.007		J	<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-8-5-042715	4/27/2015	0.0065	J		<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	ND,UJ	UJ	<0.0041	U	
		VMP-8-5-072815	7/28/2015	0.019			<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		0.0014	J		<0.054	U		0.0027	J	
		VMP-8-5-102715	10/27/2015	0.0088	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-8-5-012716	1/27/2016	0.012			<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	J	U	<0.05	U		<0.0041	J	U
		VMP-8-5-042916	4/29/2016	0.0071	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.00086	J		<0.059	U		0.0014	J	
		VMP-8-5-072916	7/29/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.00076	J		<0.06	U		<0.005	U	
		VMP-8-5-102516	10/25/2016	0.013			0.0022	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.00085	J	
	9.5 ft	VMP-8-9.5-020915	2/9/2015	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		0.0017	J		<0.052	U		0.0089		
		VMP-8-9.5-042715	4/27/2015	<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	ND,UJ	UJ	<0.0042	U	
		VMP-8-9.5-072815	7/28/2015	0.04			<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-8-9.5-102715	10/27/2015	0.12			<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-8-9.5-012716	1/27/2016	0.0057	J		<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	J	U	<0.05	U		<0.0042	J	U
		VMP-8-9.5-042916	4/29/2016	<0.0084	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		0.00074	J	
		VMP-8-9.5-072916	7/29/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-8-9.5-102516	10/25/2016	<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.00093	J	
	23.5 ft	VMP-8-23.5-020915	2/9/2015	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-8-23.5-050515-R	5/5/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0012	J	
		VMP-8-23.5-072815	7/28/2015	0.024			0.0013	J		<0.0059	U		<0.0092	U		<0.0084	U		0.0026	J		<0.051	U		0.0044		
		VMP-8-23.5-102715	10/27/2015	0.0043	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-8-23.5-012716	1/27/2016	0.0029	J		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	J	U	<0.058	U		<0.0048	J	U
		VMP-8-23.5-042916	4/29/2016	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-8-23.5-072916	7/29/2016	0.2		J	0.0017	J		0.003	J		<0.0086	U		<0.0078	U		0.0018	J		<0.048	U		<0.0039	U	
		VMP-8-23.5-072916-DUP	7/29/2016	0.017		J	0.0018	J		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		0.0022	J	
		VMP-8-23.5-102516	10/25/2016	0.0031	J		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
	35.5 ft	VMP-8-35.5-020915	2/9/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-8-35.5-042715	4/27/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	ND,UJ	UJ	<0.0044	U	
		VMP-8-35.5-072815	7/28/2015	0.0097	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-8-35.5-072815-DUP	7/28/2015	0.011			<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-8-35.5-012816	1/28/2016	0.0072	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	J	U	<0.063	U		0.0036	J	
		VMP-8-35.5-012816-DUP	1/28/2016	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	J	U	<0.057	U		<0.0047	J	U
		VMP-8-35.5-042916	4/29/2016	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-8-35.5-080316	8/3/2016	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-8-35.5-102516	10/25/2016	0.017			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-8-35.5-102516-Dup	10/25/2016	0.0035	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
VMP-9	5 ft	VMP-9-5-021115	2/11/2015	<0.01	J	U	0.02			0.011		J	<0.01	U		<0.0095	U		0.005	J		<0.058	U		0.0023	J	
		VMP-9-5-050415	5/4/2015	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	ND,UJ	UJ	<0.0049	U	
		VMP-9-5-072815	7/28/2015	<0.011	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0039	J		<0.06	U		0.011		
		VMP-9-5-102815	10/28/2015	0.0057	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-9-5-012816	1/28/2016	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	ND,UJ	UJ	<0.0045	U	
		VMP-9-5-042816	4/28/2016	<0.011	J	U	<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.0027	J		<0.061	U		0.002	J	
		VMP-9-5-080116	8/1/2016	0.0071	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.00085	J	
		VMP-9-5-102516	10/25/2016	0.013			0.0046	J		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-9-5-120916	12/9/2016	0.025			0.00086	J		<0.006	U		<0.0094	U		<0.0085	U		0.004	J		<0.052	U		0.0035	J	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	11.5 ft	VMP-9-11.5-021115	2/11/2015	0.023			<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		0.0011	J	
		VMP-9-11.5-050415	5/4/2015	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	ND,UJ	UJ	<0.0047	U	
		VMP-9-11.5-072815	7/28/2015	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-9-11.5-102815	10/28/2015	0.0084	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-9-11.5-012816	1/28/2016	0.0044	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	ND,UJ	UJ	<0.005	U	
		VMP-9-11.5-042816	4/28/2016	<0.0098	J	U	0.0069			0.0012	J		<0.0099	U		<0.009	U		0.012			<0.055	U		0.014		
		VMP-9-11.5-080116	8/1/2016	0.013			<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		0.0031	J		<0.063	U		0.0026	J	
		VMP-9-11.5-080116-DUP	8/1/2016	0.0094	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0022	J	
		VMP-9-11.5-102516	10/25/2016	0.014			0.0015	J		<0.0061	U		<0.0095	U		<0.0087	U		0.0007	J		<0.053	U		0.0011	J	
		VMP-9-11.5-120916	12/9/2016	0.0085	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		0.0012	J		<0.055	U		0.0014	J	
	25.5 ft	VMP-9-25.5-021115	2/11/2015	<0.0094	U		0.0065			<0.0061	J	U	<0.0095	U		<0.0087	U		0.0065			<0.053	U		0.01		
		VMP-9-25.5-050415	5/4/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	ND,UJ	UJ	0.004	J	J
		VMP-9-25.5-052915-R	5/29/2015	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-9-25.5-072815	7/28/2015	0.012			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-9-25.5-102815	10/28/2015	0.007	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-9-25.5-012816	1/28/2016	0.009	J		0.0015	J		0.0023	J		<0.011	U		<0.01	U		<0.006	U		<0.062	ND,UJ	UJ	<0.0051	U	
		VMP-9-25.5-042816	4/28/2016	<0.0096	J	U	<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
		VMP-9-25.5-080116	8/1/2016	0.0096	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-9-25.5-102516	10/25/2016	0.0092	J		0.0021	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
		VMP-9-25.5-120916	12/9/2016	0.047			<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		0.0015	J	
	38.5 ft	VMP-9-38.5-050415	5/4/2015	<0.056	U		<0.032	U		<0.036	U		<0.057	U		<0.052	U		<0.03	U		<0.32	ND,UJ	UJ	<0.026	U	
		VMP-9-38.5-050415-DUP	5/4/2015	0.033			<0.0039	U		0.0016	J		<0.0069	U		<0.0063	U		0.0034	J		<0.038	ND,UJ	UJ	0.0054		
		VMP-9-38.5-052915-R	5/29/2015	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0021	J	
		VMP-9-38.5-072815	7/28/2015	0.028			0.0017	J		0.0014	J		<0.0084	U		<0.0077	U		0.0024	J		<0.047	U		0.0033	J	
		VMP-9-38.5-102815	10/28/2015	0.012			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-9-38.5-012816	1/28/2016	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	ND,UJ	UJ	<0.0041	U	
		VMP-9-38.5-042816	4/28/2016	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-9-38.5-072916	7/29/2016	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U	
		VMP-9-38.5-102516	10/25/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		0.0021	J		<0.059	U		0.0027	J	
		VMP-9-38.5-120916	12/9/2016	0.086			<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		0.0017	J	
VMP-10	5 ft	VMP-10-5-020515	2/5/2015	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-10-5-043015	4/30/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0012	J	
		VMP-10-5-072815	7/28/2015	0.0092	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0038	J		<0.06	U		0.009		
		VMP-10-5-103015	10/30/2015	0.012			<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-10-5-012916	1/29/2016	0.0046	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-10-5-050216	5/2/2016	0.0048	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-10-5-082616	8/26/2016	0.013			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0026	J		<0.056	U		0.0032	J	
		VMP-10-5-110216	11/2/2016	0.011			0.018			0.0026	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
	10 ft	VMP-10-10-020515	2/5/2015	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-10-10-043015	4/30/2015	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0011	J	
		VMP-10-10-072815	7/28/2015	0.023			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-10-10-103015	10/30/2015	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
		VMP-10-10-021616	2/16/2016	0.0047	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-10-10-050216	5/2/2016	0.014			<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-10-10-072816	7/28/2016	0.17			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0034	J		<0.059	U		0.0026	J	
		VMP-10-10-110216	11/2/2016	<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
	20 ft	VMP-10-20-020515	2/5/2015	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		0.0028	J	
		VMP-10-20-043015	4/30/2015	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0017	J	
		VMP-10-20-072815	7/28/2015	<0.01	J	U	0.0018	J		<0.0068	U		<0.011	U		<0.0097	U		0.0028	J		<0.059	U		0.0042	J	
		VMP-10-20-072815-DUP	7/28/2015	0.013			0.0023	J		<0.007	U		<0.011	U		<0.01	U		0.003	J		<0.061	U		0.0046	J	
		VMP-10-20-103015	10/30/2015	0.0082	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-10-20-012916	1/29/2016	<0.0095	U		<0.0055	U		0.0016	J	J	<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-10-20-050216	5/2/2016	0.0082	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-10-20-072816	7/28/2016	<0.021	U		<0.012	U		<0.014	U		<0.021	U		<0.02	U		<0.011	U		<0.12	U		<0.0098	U	
		VMP-10-20-110216	11/2/2016	<0.01	U		0.052			0.04			<0.01	U		<0.0095	U		0.014			<0.058	U		0.025		
	30 ft	VMP-10-30-020515	2/5/2015	0.022			0.0032	J		0.0013	J		<0.01	U		<0.0093	U		0.0085			<0.057	U		0.021		J
		VMP-10-30-020515-DUP	2/5/2015	0.0077	J		0.0021	J		<0.0063	U		<0.0098	U		<0.009	U		0.0049	J		<0.055	U		0.012		J
		VMP-10-30-043015	4/30/2015	<0.01	U		0.0018	J		<0.0065	U		<0.01	U		<0.0093	U		0.0016	J		0.0037	J		0.0037	J	
		VMP-10-30-072815	7/28/2015	<0.011	J	U	<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-10-30-103015	10/30/2015	0.0054	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
		VMP-10-30-012916-DUP	1/29/2016	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		0.0022	J		<0.054	U		0.0022	J	
		VMP-10-30-050216	5/2/2016	0.0064	J		0.0016	J		<0.0065	U		<0.01	U		<0.0093	U		0.0029	J		<0.057	U		0.006		
		VMP-10-30-050216-DUP	5/2/2016	0.0088	J		0.0014	J		<0.0065	U		<0.01	U		<0.0093	U		0.0026	J		<0.057	U		0.0057		
		VMP-10-30-072816	7/28/2016	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		0.0014	J	
		VMP-10-30-110216	11/2/2016	<0.012	J	U	<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
VMP-11	5 ft	VMP-11-5-020515	2/5/2015	0.014			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-11-5-043015	4/30/2015	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0016	J	
		VMP-11-5-072815	7/28/2015	0.016			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0045	J		<0.06	U		0.0088		
		VMP-11-5-103015	10/30/2015	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		0.0017	J	
		VMP-11-5-012916	1/29/2016	0.0043	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0048	U	
		VMP-11-5-050216	5/2/2016	0.012			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0016	J	
		VMP-11-5-080116	8/1/2016	0.046			0.0022	J		<0.007	U		<0.011	U		<0.0099	U		0.0059			<0.06	U		0.0023	J	
		VMP-11-5-110116	11/1/2016	0.026			0.014			0.0019	J		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.0017	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	8 ft	VMP-11-8-020515	2/5/2015	0.011			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-11-8-043015	4/30/2015	<0.01	U		0.0019	J		<0.0068	U		<0.01	U		<0.0096	U		0.0018	J		<0.059	U		0.0027	J	
		VMP-11-8-072815	7/28/2015	0.013			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0013	J		<0.06	U		<0.005	U	
		VMP-11-8-103015	10/30/2015	0.014			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.0018	J		<0.052	U		0.0023	J	
		VMP-11-8-012916	1/29/2016	0.0082	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-11-8-050616	5/6/2016	<0.011	U		0.0015	J		0.0096			<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-11-8-080116	8/1/2016	0.0077	J		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0012	J	
		VMP-11-8-110116	11/1/2016	0.018			0.0059			0.0053	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0013	J	
	29 ft	VMP-11-29-020515	2/5/2015	0.015			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-11-29-020515-DUP	2/5/2015	0.011			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-11-29-043015	4/30/2015	<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-11-29-072815	7/28/2015	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-11-29-110515	11/5/2015	0.0056	J		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-11-29-012916	1/29/2016	0.0046	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-11-29-050216	5/2/2016	0.0049	J		0.0064			0.0013	J		<0.011	U		<0.0097	U		0.012			<0.059	U		0.011		
		VMP-11-29-080216	8/2/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0041	J		<0.058	U		0.0018	J	
		VMP-11-29-110116	11/1/2016	0.0055	J		0.0044	J		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
	38 ft	VMP-11-38-020515	2/5/2015	0.016			0.002	J		0.0012	J		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0017	J	
		VMP-11-38-043015	4/30/2015	<0.011	U		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		0.0012	J	
		VMP-11-38-072815	7/28/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-11-38-103015	10/30/2015	0.0083	J		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		0.0015	J		<0.053	U		<0.0044	U	
		VMP-11-38-103015-DUP	10/30/2015	0.0081	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-11-38-012916	1/29/2016	0.046			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-11-38-050216	5/2/2016	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-11-38-050216-DUP	5/2/2016	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		0.00084	J	
		VMP-11-38-080216	8/2/2016	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-11-38-110216	11/2/2016	<0.011	J	U	<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
VMP-12	5 ft	VMP-12-5-021115	2/11/2015	<0.0095	U		0.0045	J		0.04		J	<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0013	J	
		VMP-12-5-050715	5/7/2015	0.0047	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0016	J	
		VMP-12-5-073115	7/31/2015	0.0098	J		0.02			0.016			<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		0.0038	J	
		VMP-12-5-110415	11/4/2015	0.023			0.15			0.29			<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0088		
		VMP-12-5-020316	2/3/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-12-5-050416	5/4/2016	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.067	U		<0.0056	U	
		VMP-12-5-080316	8/3/2016	<0.01	U		0.0024	J		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-12-5-103116	10/31/2016	0.014			0.11			0.0091			<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0014	J	
	11.5 ft	VMP-12-11.5-021115	2/11/2015	<0.0093	J	U	<0.0053	U		<0.006	J	UJ	<0.0094	U		<0.0086	U		0.0037	J		<0.052	U		0.011		
		VMP-12-11.5-050715	5/7/2015	0.0043	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-12-11.5-073115	7/31/2015	0.0067	J		<0.0065	U		0.0017	J		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-12-11.5-110415	11/4/2015	0.0043	J		0.0013	J		<0.0056	J	U	<0.0088	U		<0.008	U		0.0015	J		<0.049	U		0.0011	J	
		VMP-12-11.5-020316	2/3/2016	0.0074	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-12-11.5-050416	5/4/2016	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-12-11.5-080316	8/3/2016	0.0041	J		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-12-11.5-110316	11/3/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
	25 ft	VMP-12-25-021115	2/11/2015	<0.0084	U		<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		0.0015	J	
		VMP-12-25-050715	5/7/2015	0.0058	J		<0.0065	U		0.003	J		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		0.0023	J	
		VMP-12-25-073115	7/31/2015	<0.012	U		<0.007	U		<0.008	U		<0.012	U		<0.011	U		<0.0066	U		<0.069	U		<0.0057	U	
		VMP-12-25-110415	11/4/2015	<0.01	U		0.34			0.61			<0.01	U		<0.0093	U		0.0028	J		<0.057	U		0.0014	J	
		VMP-12-25-021616	2/16/2016	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0012	J	
		VMP-12-25-021616-DUP	2/16/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.0014	J	
		VMP-12-25-050416	5/4/2016	<0.01	U		0.0019	J		<0.0065	U		<0.01	U		<0.0093	U		0.0026	J		<0.056	U		0.002	J	
		VMP-12-25-080316	8/3/2016	0.0038	J		<0.006	U		0.015			<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-12-25-103116	10/31/2016	0.0058	J		0.0027	J		0.018			<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-12-25-103116-Dup	10/31/2016	0.016		J	0.0035	J		0.016			<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
	39 ft	VMP-12-39-021115	2/11/2015	<2.5	ND,UJ	UJ	<1.4	U		<1.6	U		<2.5	U		<2.3	U		<1.4	U		<14	U		<1.2	U	
		VMP-12-39-050715	5/7/2015	180			1.4	J		<3.6	U		<5.6	U		<5.1	U		<3	U		<31	U		2.7		
		VMP-12-39-050715-DUP	5/7/2015	160			1.2	J		<3.3	U		<5.2	U		<4.8	U		<2.8	U		<29	U		1.7	J	
		VMP-12-39-061515-Dup-R	6/15/2015	<0.094	U		<0.054	U		<0.061	U		<0.095	U		<0.087	U		0.038	J	J	<0.53	U		<0.044	U	
		VMP-12-39-061515-R	6/15/2015	<0.11	U		<0.062	U		<0.07	U		<0.11	U		<0.1	U		0.039	J		<0.61	U		0.079		
		VMP-12-39-073115	7/31/2015	<2.3	U		0.28	J		<1.5	U		<2.3	U		<2.1	U		<1.2	U		<13	U		<1.1	U	
		VMP-12-39-073115-DUP	7/31/2015	<6.2	U		<3.6	U		<4	U		<6.3	U		<5.7	U		<3.4	U		<35	U		<2.9	U	
		VMP-12-39-110415	11/4/2015	<3.8	U		0.66	J		<2.5	U		<3.9	U		<3.6	U		1	J		<22	U		<1.8	U	
		VMP-12-39-020316	2/3/2016	<28	U		<16	U		3.1	J		<29	U		<26	U		<15	U		<160	U		<13	U	
		VMP-12-39-050416	5/4/2016	<9.7	U		<5.6	U		<6.3	U		<9.8	U		<9	U		<5.3	U		<55	U		5.5		
		VMP-12-39-080316	8/3/2016	<8.4	U		<4.9	U		0.83	J		<8.6	U		<7.8	U		3.3	J		<48	U		4.5		
		VMP-12-39-110316	11/3/2016	17	J		<13	U		<14	U		<22	U		<20	U		7.8	J		<120	U		36		
VMP-13	5 ft	VMP-13-5-020515	2/5/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-13-5-043015	4/30/2015	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-13-5-072715	7/27/2015	<0.01	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-13-5-110215	11/2/2015	0.0061	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-13-5-012616	1/26/2016	<0.0087	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		0.0015	J	
		VMP-13-5-050316	5/3/2016	0.0046	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-13-5-072916	7/29/2016	0.046			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.00076	J	
		VMP-13-5-110216	11/2/2016	0.012			0.023			0.0036	J		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		0.0012	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	10.5 ft	VMP-13-10.5-020515	2/5/2015	<0.0099	ND,UJ	UJ	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-13-10.5-043015	4/30/2015	<0.011	U		<0.0061	U		0.0019	J		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-13-10.5-072715	7/27/2015	0.0092	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.002	J		<0.06	U		0.0049	J	
		VMP-13-10.5-110215	11/2/2015	0.18			0.0012	J		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-13-10.5-012616	1/26/2016	0.0056	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		0.0011	J	
		VMP-13-10.5-050316	5/3/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-13-10.5-072916	7/29/2016	0.0095	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.004	J		<0.062	U		0.0096		
		VMP-13-10.5-110216	11/2/2016	0.009	J		0.013			0.0023	J		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
	21.5 ft	VMP-13-21.5-020515	2/5/2015	<0.01	ND,UJ	UJ	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-13-21.5-043015	4/30/2015	<0.012	U		<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U		0.0013	J	
		VMP-13-21.5-072715	7/27/2015	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-13-21.5-112515	11/25/2015	0.012			0.0032	J		0.0057	J		<0.0094	U		<0.0086	U		0.0019	J		<0.052	U		0.0028	J	
		VMP-13-21.5-012616	1/26/2016	0.008	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0016	J	
		VMP-13-21.5-050316	5/3/2016	<0.011	U		<0.0063	U		0.0011	J		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-13-21.5-050316-DUP	5/3/2016	<0.011	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.0051	U	
		VMP-13-21.5-072916	7/29/2016	0.01	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0031	J	
		VMP-13-21.5-110216	11/2/2016	0.027			0.23			0.023			<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0026	J	
	29.5 ft	VMP-13-29.5-020515	2/5/2015	<0.0092	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		0.0017	J	
		VMP-13-29.5-043015	4/30/2015	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-13-29.5-072715	7/27/2015	<0.012	J	U	<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		0.0017	J		<0.065	U		<0.0054	U	UJ
		VMP-13-29.5-072715-DUP	7/27/2015	0.0093	J		0.0026	J		<0.0076	U		<0.012	U		<0.011	U		0.006	J		<0.066	U		0.011		J
		VMP-13-29.5-110215	11/2/2015	<0.0081	U		<0.0046	U		<0.0053	U		<0.0082	U		<0.0075	U		0.0011	J		<0.046	U		<0.0038	U	
		VMP-13-29.5-110215-DUP	11/2/2015	0.0067	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-13-29.5-012616	1/26/2016	0.22			<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		0.0033	J		<0.05	J	U	0.0038	J	
		VMP-13-29.5-050316	5/3/2016	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-13-29.5-082616-R	8/29/2016	0.016			<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		0.0014	J		<0.048	U		0.0019	J	
		VMP-13-29.5-110216	11/2/2016	0.0091	J		0.007			0.0017	J		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.00092	J	
		VMP-13-29.5-110216-Dup	11/2/2016	0.014			0.0068			0.0016	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.00094	J	
VMP-14	5 ft	VMP-14-5-020615	2/6/2015	0.0073	J	J	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-14-5-043015	4/30/2015	0.0064	J		<0.0057	U		<0.0064	U		<0.01	J	U	<0.0092	U		<0.0054	U		<0.056	U		0.0016	J	
		VMP-14-5-072915	7/29/2015	0.012			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-14-5-110215	11/2/2015	0.028			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-14-5-012616	1/26/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-14-5-050316	5/3/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0058	U		<0.061	U		<0.005	U	
		VMP14-5-072916	7/29/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-14-5-110216	11/2/2016	0.013			0.018			0.0033	J		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		0.0017	J	
	11.5 ft	VMP-14-11.5-020615	2/6/2015	<0.0093	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-14-11.5-043015	4/30/2015	0.0044	J		<0.0066	U		<0.0074	U		<0.012	J	U	<0.01	U		<0.0062	U		<0.064	U		0.0015	J	
		VMP-14-11.5-072915	7/29/2015	0.016			0.0014	J		<0.0072	U		<0.011	U		<0.01	U		0.0019	J		<0.063	U		<0.0052	U	
		VMP-14-11.5-110215	11/2/2015	0.0052	J		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-14-11.5-012616	1/26/2016	0.0042	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.0013	J		<0.052	U		<0.0043	U	
		VMP-14-11.5-050316	5/3/2016	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-14-11.5-072916	7/29/2016	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-14-11.5-110216	11/2/2016	0.0066	J		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.001	J	
	20 ft	VMP-14-20-020615	2/6/2015	0.014	J0	J	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		0.0016	J		<0.058	U		0.003	J	
		VMP-14-20-043015	4/30/2015	<0.0098	U		<0.0056	U		0.0018	J		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		0.0015	J	
		VMP-14-20-072915	7/29/2015	<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-14-20-110215	11/2/2015	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-14-20-012616	1/26/2016	0.0041	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-14-20-050416	5/4/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-14-20-072916	7/29/2016	<0.012	U		<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.067	U		<0.0055	U	
	29 ft	VMP-14-29-020615	2/6/2015	<0.01	ND,UJ	UJ	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.0016	J	
		VMP-14-29-043015	4/30/2015	0.011			0.039		J	0.094		J	<0.0093	U		<0.0085	U		0.0048	J		<0.052	J	U	0.0078		
		VMP-14-29-043015-DUP	4/30/2015	<0.008	U		0.008		J	0.0083		J	0.0015	J		<0.0074	U		0.0038	J		0.0028	J		0.0065		
		VMP-14-29-072915	7/29/2015	<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0052	U	
		VMP-14-29-110215	11/2/2015	0.0054	J		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-14-29-012616	1/26/2016	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0028	J		<0.054	U		0.0093		
		VMP-14-29-012616-DUP	1/26/2016	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.0028	J		<0.052	U		0.0072		
		VMP-14-29-050316	5/3/2016	<0.011	U		0.0089			0.0012	J		<0.011	U		<0.01	U		0.015			<0.061	U		0.011		
		VMP-14-29-072916	7/29/2016	<0.011	U	UJ	<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0052	U	
		VMP-14-29-072916-DUP	7/29/2016	0.043		J	<0.005	U		0.0012	J		<0.0088	U		<0.008	U		0.0016	J		<0.049	U		<0.004	U	
		VMP-14-29-110216	11/2/2016	<0.01	J	U	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
VMP-15	5 ft	VMP-15-5-020615	2/6/2015	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-15-5-050415	5/4/2015	0.0045	J		<0.0052	U		0.0024	J		<0.0093	U		<0.0084	U		<0.005	U		<0.052	ND,UJ	UJ	<0.0043	U	
		VMP-15-5-072915	7/29/2015	<0.011	J	U	<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		0.0026	J		<0.06	U		0.0053		
		VMP-15-5-110415	11/4/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-15-5-020316	2/3/2016	0.13			<0.011	U		<0.013	U		<0.02	U		<0.018	U		<0.011	U		<0.11	U		<0.0092	U	
		VMP-15-5-050316	5/3/2016	0.0066	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-15-5-080216	8/2/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-15-5-110116	11/1/2016	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	21.5 ft	VMP-15-21.5-020615	2/6/2015	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-15-21.5-050415	5/4/2015	<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	ND,UJ	UJ	<0.0044	U	
		VMP-15-21.5-072915	7/29/2015	<0.12	U		<0.069	U		<0.078	U		<0.12	U		<0.11	U		<0.065	U		<0.68	U		<0.056	U	
		VMP-15-21.5-110415	11/4/2015	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		0.0013	J		<0.06	U		0.0028	J	
		VMP-15-21.5-020316	2/3/2016	<0.13	U		<0.076	U		<0.086	U		<0.13	U		<0.12	U		<0.072	U		<0.75	U		<0.062	U	
		VMP-15-21.5-050316	5/3/2016	0.026			<0.0046	U		<0.0052	U		<0.0082	U		<0.0074	U		0.0091			<0.045	U		0.0018	J	
		VMP-15-21.5-080216	8/2/2016	<0.066	U		<0.038	U		<0.043	U		<0.067	U		<0.062	U		<0.036	U		<0.38	U		<0.031	U	
		VMP-15-21.5-110116	11/1/2016	<0.015	U	UJ	0.0062	J		0.0048	J		<0.015	U		<0.014	U		<0.0082	U		<0.085	U		<0.007	U	
	25.5 ft	VMP-15-25.5-020615	2/6/2015	0.0078	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0046	J	
		VMP-15-25.5-050415	5/4/2015	0.016			<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	ND,UJ	UJ	<0.0047	U	
		VMP-15-25.5-072915	7/29/2015	<0.13	U		<0.076	U		<0.086	U		<0.13	U		<0.12	U		<0.072	U		<0.75	U		0.31		
		VMP-15-25.5-110415	11/4/2015	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-15-25.5-020316	2/3/2016	<0.53	U		<0.3	U		<0.34	U		<0.54	U		<0.49	U		0.14	J		<3	U		0.57		
		VMP-15-25.5-050316	5/3/2016	<0.025	U		0.0032	J		<0.016	U		<0.026	U		<0.024	U		<0.014	U		<0.14	U		0.013		
		VMP-15-25.5-080216	8/2/2016	<0.11	U		<0.062	U		<0.07	U		<0.11	U		<0.099	U		<0.058	U		<0.6	U		<0.05	U	
		VMP-15-25.5-110116	11/1/2016	<0.068	U		0.01	J		<0.044	U		<0.069	U		<0.063	U		<0.037	U		<0.39	U		0.018	J	
		VMP-15-25.5-110116-Dup	11/1/2016	<0.071	U		0.011	J		<0.046	U		<0.072	U		<0.066	U		<0.038	U		<0.4	U		<0.033	U	
	29 ft	VMP-15-29-020615	2/6/2015	0.039			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		0.006		
		VMP-15-29-020615-DUP	2/6/2015	0.029			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0013	J		<0.055	U		0.0062		
		VMP-15-29-050415	5/4/2015	0.0044	J		<0.0061	U		0.0016	J		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0028	J	
		VMP-15-29-072915	7/29/2015	<0.15	U		<0.086	U		<0.097	U		<0.15	U		<0.14	U		<0.081	U		<0.84	U		0.28		
		VMP-15-29-072915-DUP	7/29/2015	<0.12	U		0.021	J		<0.081	U		<0.13	U		<0.12	U		0.065	J		<0.7	U		0.24		
		VMP-15-29-110415	11/4/2015	0.021			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-15-29-020316	2/3/2016	<0.2	U		<0.12	U		<0.13	U		<0.2	U		<0.18	U		0.077	J		<1.1	U		0.26		
		VMP-15-29-050316	5/3/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.0019	J	
		VMP-15-29-080216	8/2/2016	<0.13	U		<0.077	U		<0.087	U		<0.14	U		<0.12	U		<0.073	U		<0.76	U		<0.062	U	
VMP-16	5 ft	VMP-16-5-021115	2/11/2015	<0.0099	U		0.0041	J		0.012		J	<0.01	U		<0.0092	U		0.003	J		<0.056	U		0.0019	J	
		VMP-16-5-050715	5/7/2015	0.016			0.0026	J		<0.0073	U		<0.011	U		<0.01	U		0.0022	J		<0.064	U		0.007		
		VMP-16-5-073115	7/31/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0025	J		<0.056	U		0.0026	J	
		VMP-16-5-110415	11/4/2015	0.0041	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		0.0018	J		<0.058	J	U	0.0014	J	
		VMP-16-5-020316	2/3/2016	0.019			<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U	
		VMP-16-5-050416	5/4/2016	0.014			<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-16-5-080316	8/3/2016	0.02			<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		0.0063			<0.048	U		0.0077		
		VMP-16-5-103116	10/31/2016	<0.0094	U	UJ	<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
	13.5 ft	VMP-16-13.5-021115	2/11/2015	<17	ND,UJ	UJ	<9.7	U		<11	U		<17	U		<16	U		2.4	J		<95	U		2.3	J	
		VMP-16-13.5-050715	5/7/2015	110			<14	U		<16	U		<24	U		<22	U		<13	U		<140	U		<11	U	
		VMP-16-13.5-073115	7/31/2015	<5.3	U		<3	U		<3.4	U		<5.4	U		<4.9	U		3			<30	U		0.52	J	
		VMP-16-13.5-110415	11/4/2015	<11	U		<6.1	U		<6.9	U		<11	U		<9.8	U		2.9	J		<60	U		<5	U	
		VMP-16-13.5-020316	2/3/2016	<50	U		<29	U		<32	U		<50	U		<46	U		<27	U		<280	U		<23	U	
		VMP-16-13.5-052516-R	5/25/2016	<5.1	U		0.61	J		<3.3	U		<5.2	U		<4.8	U		0.67	J		<29	U		1.1	J	
		VMP-16-13.5-080316	8/3/2016	<17	U		5.4	J		<11	U		<17	U		<16	U		3.6	J		<96	U		3.2	J	
		VMP-16-13.5-103116	10/31/2016	<5.3	U		<3	U		0.47	J		<5.4	U		<4.9	U		<2.9	U		<30	U		<2.5	U	
	19 ft	VMP-16-19-021115	2/11/2015	<8.6	ND,UJ	UJ	20			3.2	J		<8.7	U		<7.9	U		<4.6	U		<48	U		5.2		
		VMP-16-19-050715	5/7/2015	300			21			6.8	J		<19	U		<17	U		<10	U		<100	U		10		
		VMP-16-19-073115	7/31/2015	<11	U		73			18			<11	U		<10	U		6.1			<62	U		31		
		VMP-16-19-110415	11/4/2015	<1.8	U		100			28			<1.8	U		<1.6	U		7.5			<10	U		22		
		VMP-16-19-020316	2/3/2016	<58	U		36			9.3	J		<59	U		<54	U		<32	U		<330	U		22	J	
		VMP-16-19-050416	5/4/2016	<3.7	U		22			12			<3.8	U		<3.5	U		4.7			<21	U		5.1		
		VMP-16-19-080316	8/3/2016	<11	U		28			14			<11	U		<10	U		7.7			<63	U		6.2		
		VMP-16-19-103116	10/31/2016	<4.9	U		26			22			<5	U		<4.5	U		4.1			<28	U		7.8		
	31 ft	VMP-16-31-021115	2/11/2015	<7.5	ND,UJ	UJ	41			4.9	J		<7.7	U		<7	U		<4.1	U		<43	U		2.3	J	
		VMP-16-31-050715	5/7/2015	66			63			21			<14	U		<12	U		<7.3	U		<76	U		10		
		VMP-16-31-073115	7/31/2015	<5.6	U		68			41			<5.7	U		<5.2	U		1.4	J		<32	U		8.6		
		VMP-16-31-073115-DUP	7/31/2015	<5.2	U		65			36			<5.3	U		<4.8	U		1.3	J		<29	U		8.2		
		VMP-16-31-110415	11/4/2015	<11	U		53			35			<11	U		<10	U		2.6	J		<62	U		21		
		VMP-16-31-020316	2/3/2016	<20	U		23			13	J		<20	U		<18	U		<11	U		<110	U		7.6	J	
		VMP-16-31-020316-DUP	2/3/2016	<24	U		26			18			<24	U		<22	U		2.5	J		<140	U		6.8	J	
		VMP-16-31-050416	5/4/2016	6.1	J		15			15			<10	U		<9.3	U		<5.4	U	UJ	<57	U		27		
		VMP-16-31-050416-DUP	5/4/2016	4.1	J		17			20			<10	U		<9.1	U		13		J	<55	U		18		
		VMP-16-31-080316	8/3/2016	<6.8	U		12			18			<6.9	U		<6.3	U		2.3	J		<38	U		9.2		
		VMP-16-31-103116	10/31/2016	<4.8	U		8.7			21			<4.9	U		<4.4	U		<2.6	U		<27	U		8.2		
		VMP-16-31-103116-Dup	10/31/2016	<5	U		8.6			23			<5.1	U		<4.7	U		<2.7	U		<28	U		8.5		
VMP-17	5 ft	VMP-17-5-020415	2/4/2015	0.0078	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-17-5-050115	5/1/2015	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0011	J	
		VMP-17-5-072815	7/28/2015	<0.011	U		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-17-5-102915	10/29/2015	0.0042	J		<0.0055	U		0.0043	J		<0.0097	U		<0.0089	U		0.0023	J		<0.054	U		0.0019	J	
		VMP-17-5-020216	2/2/2016	<0.009	J	U	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	J	U	<0.051	U		0.0016	J	
		VMP-17-5-050216	5/2/2016	<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-17-5-072516	7/25/2016	<0.011	U		0.0034	J		<0.007	U		<0.011	U		<0.0099	U		0.0052	J		<0.06	U		0.0036	J	
		VMP-17-5-103116	10/31/2016	<0.011	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-18	8.5 ft	VMP-18-8.5-020415	2/4/2015	0.0058	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-18-8.5-050115	5/1/2015	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0022	J	
		VMP-18-8.5-050115-DUP	5/1/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.0021	J	
		VMP-18-8.5-072815	7/28/2015	<0.011	J	U	<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-18-8.5-102915	10/29/2015	0.0044	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-18-8.5-020216	2/2/2016	0.0057	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		0.0094			<0.053	U		0.0036	J	
		VMP-18-8.5-050516	5/5/2016	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-18-8.5-072516	7/25/2016	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		0.0013	J	
		VMP-18-8.5-102516	10/26/2016	0.016	J		<0.011	U		<0.012	U		<0.019	U		<0.018	U		<0.01	U		<0.11	U		<0.0089	J	U
VMP-19	5 ft	VMP-19-5-020415	2/4/2015	<0.0097	U		0.0012	J		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.00094	J	
		VMP-19-5-050115	5/1/2015	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		0.0011	J	
		VMP-19-5-072815	7/28/2015	<0.011	J	U	<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		0.0062			<0.064	U		0.019		
		VMP-19-5-102615	10/26/2015	0.012			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-19-5-020216	2/2/2016	0.0056	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0042	J		<0.059	U		0.0033	J	
		VMP-19-5-050616	5/6/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-19-5-072816	7/28/2016	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-19-5-102516	10/26/2016	<0.0095	J	U	0.0023	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0017	J	
VMP-20	5 ft	VMP-20-5-012715	1/27/2015	0.01	J		0.0018	J		0.0048	J		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-20-5-042715	4/27/2015	0.0021	J		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	ND,UJ	UJ	<0.0044	U	
		VMP-20-5-072015	7/20/2015	0.016			0.02			0.046			<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0013	J	
		VMP-20-5-102015	10/20/2015	0.0048	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.0014	J		<0.051	ND,UJ	UJ	0.0025	J	
		VMP-20-5-021616	2/16/2016	0.0081	J		<0.0071	U		<0.008	U		<0.012	U		<0.011	U		<0.0067	U		<0.07	U		<0.0057	U	
		VMP-20-5-042516	4/25/2016	0.018			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	J	U	<0.06	U		<0.005	J	U
		VMP-20-5-072216	7/22/2016	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		0.004	J		<0.055	U		0.0019	J	
		VMP-20-5-102616	10/26/2016	<0.0093	J	U	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		0.0014	J	
	10 ft	VMP-20-10-012715	1/27/2015	0.0073	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-20-10-012715-DUP	1/27/2015	0.0077	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-20-10-042715	4/27/2015	<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	ND,UJ	UJ	0.0016	J	
		VMP-20-10-072015	7/20/2015	0.036			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-20-10-102015	10/20/2015	0.0039	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	ND,UJ	UJ	<0.0039	U	
		VMP-20-10-102015-DUP	10/20/2015	0.0088	J		<0.006	U		<0.0068	U		0.0023	J		<0.0098	U		<0.0057	U		<0.06	ND,UJ	UJ	0.0022	J	
		VMP-20-10-021616	2/16/2016	0.016			0.021			0.011			<0.0094	U		<0.0086	U		0.0082			<0.052	U		0.012		
		VMP-20-10-042516	4/25/2016	0.007	J		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	J	U	<0.061	U		0.0031	J	
		VMP-20-10-072216	7/22/2016	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-20-10-102616	10/26/2016	0.0077	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		0.0017	J	
	25 ft	VMP-20-25-012715	1/27/2015	0.005	J		<0.0056	U		0.0012	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-20-25-042715	4/27/2015	0.013			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	ND,UJ	UJ	<0.0045	U	
		VMP-20-25-072015	7/20/2015	0.015			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.002	J	
		VMP-20-25-102015	10/20/2015	0.0088			<0.0051	U		0.0038	J		0.002	J		<0.0082	U		0.0018	J		0.03	J	J	0.0024	J	
		VMP-20-25-020216	2/2/2016	0.0088	J		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-20-25-042516	4/25/2016	0.0091	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	J	U	<0.059	U		<0.0049	J	U
		VMP-20-25-072216	7/22/2016	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0027	J	
		VMP-20-25-102616	10/26/2016	<0.0095	J	U	0.0037	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	J	U
	39.5 ft	VMP-20-39.5-042715	4/27/2015	0.0047	J		0.0034	J		0.0026	J		<0.0095	U		<0.0086	U		0.0051			0.0024	J	J	0.013		
		VMP-20-39.5-042715-DUP	4/27/2015	<0.011	U		0.0036	J		0.0023	J		<0.011	U		<0.01	U		0.0068			<0.061	U	UJ	0.016		
		VMP-20-39.5-072015	7/20/2015	0.031			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-20-39.5-072015-DUP	7/20/2015	0.028			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0019	J	
		VMP-20-39.5-012715	1/27/2015	0.0081	J		0.0022	J		0.0025	J		<0.011	U		<0.01	U		<0.006	U		<0.062	U		0.0021	J	
		VMP-20-39.5-102015	10/20/2015	0.012			<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	ND,UJ	UJ	<0.0044	J	U
		VMP-20-39.5-020216	2/2/2016	<0.0095	U		0.007			0.0049	J		<0.0096	U		<0.0088	U		0.0096			<0.054	U		0.017		
		VMP-20-39.5-020216-DUP	2/2/2016	<0.0093	U		0.0064			0.0049	J		<0.0095	U		<0.0087	U		0.0094			<0.053	U		0.018		
VMP-21	5 ft	VMP-21-5-012715	1/27/2015	<0.024	U		<0.0055	U		0.0021	J		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-21-5-042715	4/27/2015	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U	UJ	<0.005	U	
		VMP-21-5-072015	7/20/2015	0.006	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0014	J	
		VMP-21-5-102315	10/23/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0011	J	
		VMP-21-5-012616	1/26/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		0.0016	J		<0.06	ND,UJ	UJ	<0.0049	U	
		VMP-21-5-042716	4/27/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0011	J	
		VMP-21-5-072616	7/26/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-21-5-102416	10/24/2016	0.0052	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
	10 ft	VMP-21-10-012715	1/27/2015	0.015	J		0.0037	J		0.0013	J		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-21-10-042715	4/27/2015	0.004	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U	UJ	<0.0051	U	
		VMP-21-10-072015	7/20/2015	0.015			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-21-10-102315	10/23/2015	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		0.0042	J		<0.06	U		0.014		
		VMP-21-10-012616	1/26/2016	<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
		VMP-21-10-042716	4/27/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.0027	J		<0.061	U		0.0015	J	
		VMP-21-10-072616	7/26/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-21-10-102416	10/24/2016	<0.019	U		<0.011	U		<0.012	U		<0.019	U		<0.017	U		<0.01	U		<0.1	U		<0.0087	U	
	25 ft	VMP-21-25-012715	1/27/2015	<0.025	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-21-25-042715	4/27/2015	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U	UJ	0.0013	J	
		VMP-21-25-072015	7/20/2015	0.0052	J		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		0.012		
		VMP-21-25-102315	10/23/2015	<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0012	J	
		VMP-21-25-012616	1/26/2016	0.0048	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	ND,UJ	UJ	<0.0047	U	
		VMP-21-25-042716	4/27/2016	0.0034	J		0.0082			<0.0065	U		<0.01	U		<0.0093	U		0.017			<0.056	U		0.025		
		VMP-21-25-072616	7/26/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-21-25-102416	10/24/2016	<0.0095	U		0.00068	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0011	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-012715	1/27/2015	0.011	J		0.0035	J		0.0037	J		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-21-33-072015	7/20/2015	0.0067	J		<0.0061	U		0.0017	J		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-21-33-102315	10/23/2015	<0.0085	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		0.0032	J		<0.048	U		0.0055		
		VMP-21-33-102315-DUP	10/23/2015	0.011	J		<0.012	U		<0.014	U		0.0041	J		<0.02	U		0.0064	J		<0.12	U		0.011		
		VMP-21-33-042716	4/27/2016	0.0048	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0017	J	
		VMP-21-33-072616	7/26/2016	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0016	J	
		VMP-21-33-102416	10/24/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
VMP-22	5 ft	VMP-22-5-012715	1/27/2015	0.0081	J		0.0026	J		0.0051	J		<0.0087	U		<0.0079	U		0.002	J		<0.048	U		0.0024	J	
		VMP-22-5-042715	4/27/2015	<0.019	U		<0.011	U		<0.012	U		<0.019	U		<0.018	U		0.0033	J		<0.11	U	UJ	<0.0089	U	
		VMP-22-5-072015	7/20/2015	0.0098	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-22-5-012616	1/26/2016	0.005	J		0.0049	J		0.0057	J		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0014	J	
		VMP-22-5-042616	4/26/2016	0.017			<0.0075	U		<0.0085	U		<0.013	U		<0.012	U		<0.0071	U		<0.074	U		<0.0061	U	
		VMP-22-5-072216	7/22/2016	0.016			<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		0.009			<0.065	U		0.004	J	
		VMP-22-5-102716	10/27/2016	<0.0092	J	U	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
	10 ft	VMP-22-10-012715	1/27/2015	0.017	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0052	U	
		VMP-22-10-042715	4/27/2015	<0.0093	U		0.0018	J		<0.006	U		<0.0094	U		<0.0086	U		0.0046	J		<0.052	U	UJ	0.014		
		VMP-22-10-072015	7/20/2015	0.014			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0019	J		<0.055	U		0.0028	J	
		VMP-22-10-102315	10/23/2015	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		0.0019	J	
		VMP-22-10-012616	1/26/2016	0.0079	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0012	J	
		VMP-22-10-042616	4/26/2016	0.016			<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-22-10-072216	7/22/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.0014	J	
		VMP-22-10-102716	10/27/2016	<0.01	J	U	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.00076	J	
	18 ft	VMP-22-18-012715	1/27/2015	0.0066	J		0.0025	J		0.0062			<0.0094	U		<0.0086	U		0.0071			<0.052	U		0.0082		
		VMP-22-18-012715-DUP	1/27/2015	<0.023	U		0.002	J		0.0064			<0.0095	U		<0.0087	U		0.0048	J		<0.053	U		0.0046		
		VMP-22-18-042715	4/27/2015	<0.0092	U		0.0072			0.004	J		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U	UJ	0.0011	J	
		VMP-22-18-072015	7/20/2015	0.02			0.0026	J		<0.0083	U		<0.013	J	U	<0.012	U		0.0021	J		<0.072	U		0.0026	J	
		VMP-22-18-102315	10/23/2015	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0017	J	
		VMP-22-18-012616	1/26/2016	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-22-18-042616	4/26/2016	0.01	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0012	J	
		VMP-22-18-072216	7/22/2016	<0.01	U		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-22-18-102716	10/27/2016	0.0083	J		0.0027	J		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.00069	J	
	38 ft	VMP-22-38-012715	1/27/2015	0.0062	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-22-38-042715	4/27/2015	<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	UJ	<0.0042	U	
		VMP-22-38-042715-DUP	4/27/2015	<0.0096	U		<0.0056	U		0.0023	J		<0.0098	U		<0.0089	U		<0.0052	U		0.025	J	J	<0.0045	U	
		VMP-22-38-072015	7/20/2015	0.011			0.0028	J		<0.0071	U		<0.011	U		<0.01	U		0.0077			<0.062	U		0.018		
		VMP-22-38-072015-DUP	7/20/2015	0.01	J		0.0021	J		<0.0068	U		<0.01	U		<0.0096	U		0.0072			<0.059	U		0.017		
		VMP-22-38-102315	10/23/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-22-38-012616-DUP	1/26/2016	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-22-38-042616	4/26/2016	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-22-38-072216	7/22/2016	<0.01	U		0.0017	J		<0.0068	U		<0.011	U		<0.0097	U		0.0064			<0.059	U		0.011		
		VMP-22-38-072216-DUP	7/22/2016	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0065			<0.059	U		0.0084		
		VMP-22-38-102716	10/27/2016	<0.01	J	U	<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		0.0025	J	
		VMP-22-38-102716-Dup	10/27/2016	<0.0094	J	U	<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		0.0025	J	
VMP-23	5 ft	VMP-23-5-012715	1/27/2015	<0.012	U		<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		<0.0063	U		<0.066	U		<0.0054	U	
		VMP-23-5-042715	4/27/2015	<0.0099	U		0.0024	J		<0.0065	U		0.0021	J		<0.0092	U		0.009			<0.056	U	UJ	0.027		
		VMP-23-5-072015	7/20/2015	0.014			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0019	J		<0.056	U		0.0059		
		VMP-23-5-102615	10/26/2015	0.0049	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		0.0018	J		<0.048	U		0.0024	J	
		VMP-23-5-012516	1/25/2016	0.006	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	J	U	0.0014	J	
		VMP-23-5-062816	6/28/2016	0.015			<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	
		VMP-23-5-072216	7/22/2016	<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0052	U	
		VMP-23-5-101916	10/19/2016	<0.0097	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
	10 ft	VMP-23-10-012715	1/27/2015	0.0088	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0014	J	
		VMP-23-10-042715	4/27/2015	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U	UJ	<0.005	U	
		VMP-23-10-072015	7/20/2015	0.0058	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-23-10-102615	10/26/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-23-10-012516	1/25/2016	0.0076	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-23-10-062816	6/28/2016	0.011	J		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		0.0019	J	
		VMP-23-10-072216	7/22/2016	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-23-10-101916	10/19/2016	0.017			0.0018	J		0.0016	J		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		0.0028	J	
	25 ft	VMP-23-25-012715	1/27/2015	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-23-25-042715	4/27/2015	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U	UJ	<0.0049	U	
		VMP-23-25-072015	7/20/2015	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.002	J	
		VMP-23-25-102615	10/26/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-23-25-012516	1/25/2016	0.0045	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0014	J	
		VMP-23-25-062816	6/28/2016	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-23-25-072216	7/22/2016	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-23-25-101916	10/19/2016	<0.011	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
	40 ft	VMP-23-40-012715	1/27/2015	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-23-40-042715	4/27/2015	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	ND,UJ	UJ	<0.0054	U	
		VMP-23-40-072015	7/20/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0084			<0.056	U		0.022		
		VMP-23-40-102615	10/26/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-23-40-102615-DUP	10/26/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	J	U	<0.0046	U	
		VMP-23-40-012516	1/25/2016	0.0035	J		0.0045	J		0.0071			<0.0091	U		<0.0083	U		0.0022	J		<0.05	U		0.0032	J	
		VMP-23-40-072216	7/22/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-020215	2/2/2015	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-24-5-042715	4/27/2015	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	ND,UJ	UJ	<0.0051	U	
		VMP-24-5-072115	7/21/2015	0.029		J	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-24-5-102915	10/29/2015	0.032			<0.0059	U		0.0017	J		<0.01	U		<0.0094	U		0.0057			<0.058	U		0.0051		
		VMP-24-5-012716	1/27/2016	0.0096			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-24-5-042916	4/29/2016	0.006	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-24-5-072716	7/27/2016	<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0052	U	
		VMP-24-5-102816	10/28/2016	0.033			0.0028	J		<0.0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		0.0011	J	
	10 ft	VMP-24-10-020215	2/2/2015	<0.0084	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-24-10-042715	4/27/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	ND,UJ	UJ	<0.0048	U	
		VMP-24-10-072115	7/21/2015	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-24-10-102915	10/29/2015	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-24-10-012716	1/27/2016	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-24-10-042916	4/29/2016	0.005	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-24-10-072716	7/27/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-24-10-102816	10/28/2016	0.01			0.0021	J		<0.0051	U		<0.0079	U		<0.0072	U		0.0022	J		<0.044	U		0.0015	J	
	22 ft	VMP-24-22-020215	2/2/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-24-22-042715	4/27/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	ND,UJ	UJ	<0.0048	U	
		VMP-24-22-072115	7/21/2015	<0.0099	U	UJ	<0.0057	U	UJ	<0.0065	U	UJ	<0.01	U	UJ	<0.0092	U	UJ	<0.0054	U	UJ	<0.056	U	UJ	0.0013	J	J
		VMP-24-22-082415	8/24/2015	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-24-22-082415-DUP	8/24/2015	<0.011	U		0.0018	J		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-24-22-102915	10/29/2015	<0.011	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		0.0022	J		<0.061	U		<0.0051	U	
		VMP-24-22-012716	1/27/2016	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0015	J	
		VMP-24-22-042916	4/29/2016	0.012			<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		0.0017	J	
		VMP-24-22-072716	7/27/2016	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-24-22-102816	10/28/2016	0.014			<0.0048	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.047	U		<0.0038	U	
	34 ft	VMP-24-34-020215	2/2/2015	<0.0091	U		<0.0052	U		<0.0059	J	U	<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-24-34-020215-DUP	2/2/2015	<0.0088	U		<0.005	U		<0.0057	J	U	<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.0009	J	
		VMP-24-34-042715	4/27/2015	<0.013	U		<0.0076	U		<0.0086	U		<0.013	U		<0.012	U		<0.0072	U		<0.075	ND,UJ	UJ	<0.0062	U	
		VMP-24-34-072115	7/21/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-24-34-072115-DUP	7/21/2015	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-24-34-102915	10/29/2015	0.12			<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-24-34-012716	1/27/2016	0.027			<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		0.0048	J		<0.064	U		0.0032	J	
		VMP-24-34-042916	4/29/2016	0.01			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.00099	J	
		VMP-24-34-072716	7/27/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.00068	J		<0.058	U		0.0011	J	
		VMP-24-34-072716-DUP	7/27/2016	<0.0084	U		<0.0048	U		<0.0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		0.0011	J	
		VMP-24-34-102816	10/28/2016	<0.011	J	U	0.0016	J		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0021	J	
		VMP-24-34-102816-Dup	10/28/2016	<0.01	J	U	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0018	J	
VMP-25	5 ft	VMP-25-5-021115	2/11/2015	0.042			0.082			0.062		J	<0.0093	U		<0.0084	U		0.012			<0.052	U		0.0068		
		VMP-25-5-050715	5/7/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0021	J	
		VMP-25-5-073015	7/30/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-25-5-110515	11/5/2015	0.0059	J		0.034			0.047			<0.0099	U		<0.009	U		0.0014	J		<0.055	U		<0.0046	U	
		VMP-25-5-021616	2/16/2016	0.0067	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		0.0024	J	
		VMP-25-5-050416	5/4/2016	<0.18	U		<0.1	U		<0.12	U		<0.19	U		<0.17	U		0.055	J		<1	U		0.82		
		VMP-25-5-080316	8/3/2016	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		0.0017	J		<0.066	U		<0.0055	U	
		VMP-25-5-103116	10/31/2016	<0.0091	U	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
	21 ft	VMP-25-21-021115	2/11/2015	<4.7	ND,UJ	UJ	<2.7	U		<3	U		<4.8	U		<4.3	U		15			<26	U		25		
		VMP-25-21-050715	5/7/2015	36			<5.2	U		<5.9	U		<9.2	U		<8.4	U		8.6			<51	U		20		
		VMP-25-21-073015	7/30/2015	<2.4	U		0.33	J		<1.6	U		<2.5	U		<2.2	U		16			<14	U		28		
		VMP-25-21-110515	11/5/2015	<2.2	U		0.82	J		0.61	J		<2.2	U		<2	U		9.9			<12	U		25		
		VMP-25-21-050416	5/4/2016	<0.11	U		<0.066	U		<0.074	U		<0.12	U		<0.1	U		<0.062	U		<0.65	U		<0.053	U	
		VMP-25-21-080316	8/3/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.002	J	
		VMP-25-21-103116	10/31/2016	0.0037	J	J	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-25-21-103116-Dup	10/31/2016	<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
	31 ft	VMP-25-31-021115	2/11/2015	<4.4	ND,UJ	UJ	<2.6	U		<2.9	U		<4.5	U		<4.1	U		11			<25	U		22		
		VMP-25-31-021115-DUP	2/11/2015	<4.4	ND,UJ	UJ	<2.5	U		<2.9	U		<4.5	U		<4.1	U		9.9			<25	U		20		
		VMP-25-31-050715	5/7/2015	65			<7	U		<8	U		<12	U		<11	U		<6.6	U		<69	U		16		
		VMP-25-31-050715-DUP	5/7/2015	45			<6.8	U		<7.7	U		<12	U		<11	U		<6.4	U		<67	U		11		
		VMP-25-31-073015	7/30/2015	<2.8	U		<1.6	U		<1.8	U		<2.9	U		<2.6	U		10			<16	U		20		
		VMP-25-31-073015-DUP	7/30/2015	<2.5	U		0.35	J		<1.6	U		<2.5	U		<2.3	U		11			<14	U		18		
		VMP-25-31-110515	11/5/2015	<2	U		<1.2	U		<1.3	U		<2.1	U		<1.9	U		8.9			<12	U		24		
		VMP-25-31-021616	2/16/2016	1.1	J		<1.8	U		<2	U		<3.1	U		<2.8	U		12			<17	U		37		
		VMP-25-31-021616-DUP	2/16/2016	<4.8	U		<2.8	U		<3.1	U		<4.9	U		<4.5	U		14			<27	U		39		
		VMP-25-31-050416	5/4/2016	<5.3	U		<3	U		<3.4	U		<5.4	U		<4.9	U		8.8			<30	U		32		
		VMP-25-31-080316	8/3/2016	<0.2	U		<0.12	U		<0.13	U		<0.21	U		<0.19	U		<0.11	U		<1.1	U		<0.095	U	
		VMP-25-31-080316-DUP	8/3/2016	<0.18	U		<0.1	U		<0.12	U		<0.18	U		<0.17	U		<0.098	U		<1	U		0.015	J	
		VMP-25-31-103116	10/31/2016	<0.091	U		<0.052	U		<0.059	U		<0.093	U		<0.084	U		5.8			<0.52	U		31		J
VMP-29	10 ft	VMP-29-10-020515	2/5/2015	0.014			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0021	J	
		VMP-29-10-050615	5/6/2015	<0.011	J	U	<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.0051	U	
		VMP-29-10-072715	7/27/2015	0.014			<0.0059	U		0.0019	J		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-29-10-103015	10/30/2015	0.011			<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		0.0022	J		<0.056	U		0.0064		
		VMP-29-10-012716	1/27/2016	0.0097			<0.0056	U		0.0017	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-29-10-050216	5/2/2016	0.027			0.00093	J		0.0018	J		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		0.0012	J	
		VMP-29-10-072816	7/28/2016	0.0071	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-29-10-120916	12/9/2016	0.014			0.0024	J		<0.006	U		<0.0094	U		<0.0086	U		0.0011	J		<0.052	U		0.0017	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	20 ft	VMP-29-20-020515	2/5/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-29-20-050615	5/6/2015	0.0093	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0039	J	
		VMP-29-20-072715	7/27/2015	<0.013	J	U	<0.0077	U		0.0025	J		<0.014	U		<0.012	U		0.0029	J		<0.076	U		0.0045	J	
		VMP-29-20-103015	10/30/2015	0.014			<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		0.0032	J		<0.057	U		0.0047		
	18 ft	VMP-29-20-020416-R	2/4/2016	0.0082	J		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-29-20-050216	5/2/2016	0.62			<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.00098	J	
		VMP-29-20-072816	7/28/2016	0.016	J		<0.012	U		<0.014	U		<0.022	U		<0.02	U		<0.012	U		<0.12	U		<0.0099	U	
		VMP-29-18-110316	11/3/2016	0.012	J		<0.011	U		<0.013	U		<0.02	U		<0.018	U		<0.011	U		<0.11	U		<0.0093	U	
	26 ft	VMP-29-30-020615	2/6/2015	0.013			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-29-30-050615	5/6/2015	0.01			<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		0.0026	J		<0.06	U		<0.0049	U	
		VMP-29-30-050615-DUP	5/6/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0035	J		<0.057	U		0.0057		
		VMP-29-30-080315	8/3/2015	0.0098	J	J	<0.0065	U		0.0032	J		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-29-30-103015	10/30/2015	0.011			0.0013	J		<0.0058	U		<0.0091	U		<0.0083	U		0.0017	J		<0.051	U		0.0015	J	
		VMP-29-30-012716	1/27/2016	0.0065	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0012	J	
		VMP-29-30-050216	5/2/2016	0.034	J		<0.021	U		<0.024	U		<0.037	U		<0.034	U		<0.02	U		<0.21	U		<0.017	U	
		VMP-29-30-072816	7/28/2016	<0.025	U		<0.014	U		<0.016	U		<0.025	U		<0.023	U		<0.013	U		<0.14	U		<0.012	U	
		VMP-29-26-110316	11/3/2016	<0.0098	J	U	0.057			0.0079			<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-29-26-110316-Dup	11/3/2016	<0.0096	J	U	0.056			0.0087			<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
VMP-30	10 ft	VMP-30-10-020615	2/6/2015	0.017			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0022	J	
		VMP-30-10-050515	5/5/2015	0.013			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.001	J	
		VMP-30-10-072715	7/27/2015	<0.01		U	<0.0056	U		0.0016	J		<0.01	U		<0.0091	U		0.0014	J		<0.055	U		<0.0046	U	
		VMP-30-10-103015	10/30/2015	0.018			0.0015	J		0.0021	J		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
		VMP-30-10-020416	2/4/2016	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-30-10-050216	5/2/2016	0.0069	J		0.0018	J		0.0015	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-30-10-072816	7/28/2016	<0.041	U		<0.024	U		<0.027	U		<0.042	U		<0.038	U		<0.022	U		<0.23	U		<0.019	U	
		VMP-30-10-110316	11/3/2016	<0.0095	J	U	0.059			0.014			<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
	18 ft	VMP-30-20-020615	2/6/2015	0.017			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-30-20-050515	5/5/2015	0.015			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.00073	J	
		VMP-30-20-072715	7/27/2015	0.015	J		<0.014	U		<0.016	U		<0.025	U		<0.023	U		0.0054	J		<0.14	U		<0.012	U	
		VMP-30-20-103015	10/30/2015	0.045			0.0013	J		<0.0071	U		<0.011	U		<0.01	U		0.006			<0.062	U		0.0061		
		VMP-30-20-012716	1/27/2016	0.006	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		0.0028	J	
		VMP-30-20-050216	5/2/2016	0.031			<0.0065	U		0.0016	J		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-30-20-072816	7/28/2016	<0.046	U		<0.026	U		<0.03	U		<0.047	U		<0.043	U		<0.025	U		<0.26	U		<0.021	U	
		VMP-30-18-110316	11/3/2016	<0.0099	J	U	0.058			0.014			<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
	26 ft	VMP-30-30-020615	2/6/2015	0.014			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-30-30-050515	5/5/2015	0.018			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0019	J		<0.055	U		0.0059		
		VMP-30-30-050515-DUP	5/5/2015	0.02			<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		0.005		
		VMP-30-30-072715	7/27/2015	<0.011	J	U	<0.0064	U		0.002	J		<0.011	U		<0.01	U		0.0026	J		<0.063	U		0.0039	J	
		VMP-30-30-103015	10/30/2015	0.012			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.0013	J		<0.051	U		<0.0042	U	
		VMP-30-30-012716	1/27/2016	0.0044	J		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		0.0028	J		<0.055	U		0.0036	J	
		VMP-30-30-050216	5/2/2016	<0.011	U		<0.0065	U		0.0016	J		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-30-30-072816	7/28/2016	<0.092	U		<0.053	U		<0.06	U		<0.093	U		<0.085	U		<0.05	U		<0.52	U		<0.043	U	
		VMP-30-30-072816-DUP	7/28/2016	<0.072	U		<0.042	U		<0.047	U		<0.074	U		<0.067	U		<0.039	U		<0.41	U		<0.034	U	
		VMP-30-26-110316	11/3/2016	<0.01	J	U	0.065			0.015			<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
VMP-32	5 ft	VMP-32-5-021015	2/10/2015	<0.0079		U	<0.0045	U		<0.0051	U		<0.0079	U		<0.0072	U		<0.0042	U		<0.044	U		0.0015	J	
		VMP-32-5-073115	7/31/2015	0.027		J	<0.006	U	UJ	<0.0068	U	UJ	<0.011	U	UJ	<0.0098	U	UJ	<0.0057	U	UJ	<0.06	U	UJ	<0.0049	U	UJ
		VMP-32-5-082415	8/24/2015	0.028			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-32-5-110415	11/4/2015	0.014			<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		0.0022	J		<0.064	U		0.0023	J	
		VMP-32-5-012616	1/26/2016	0.0044	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0016	J	
		VMP-32-5-042716	4/27/2016	0.0056	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0035	J		<0.058	U		0.0044	J	
		VMP-32-5-072616	7/26/2016	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-32-5-102716	10/27/2016	0.014			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
	10 ft	VMP-32-10-021015	2/10/2015	<0.0093	J	U	<0.0053	U		0.0014	J		<0.0094	U		<0.0086	U		0.0018	J		<0.052	U		0.0018	J	
		VMP-32-10-051115	5/11/2015	<0.012	U	UJ	<0.0069	U	UJ	<0.0078	U	UJ	<0.012	U	UJ	<0.011	U	UJ	<0.0065	U	UJ	<0.067	U	UJ	0.0017	J	J
		VMP-32-10-052915-R	5/29/2015	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0018	J		<0.06	U		0.0054		
		VMP-32-10-110415	11/4/2015	0.012			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0027	J		<0.057	U		<0.0047	U	
		VMP-32-10-012616	1/26/2016	0.0052	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0013	J	
		VMP-32-10-042716	4/27/2016	0.0098			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0012	J	
		VMP-32-10-072616	7/26/2016	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.00093	J	
		VMP-32-10-102716	10/27/2016	0.0067	J		0.0086			0.0019	J		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
	20 ft	VMP-32-20-021015	2/10/2015	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.00084	J	
		VMP-32-20-051115	5/11/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		0.0011	J	
		VMP-32-20-080315	8/3/2015	0.0046	J		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-32-20-110415	11/4/2015	0.011			0.0017	J		<0.0065	U		<0.01	U		<0.0092	U		0.0055			<0.056	U		0.0062		
		VMP-32-20-110415-DUP	11/4/2015	0.007	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.0062			<0.061	U		0.0064		
		VMP-32-20-021616	2/16/2016	<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-32-20-042716	4/27/2016	0.0088	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0034	J		<0.06	U		0.0015	J	
		VMP-32-20-082616-R	8/29/2016	0.015			<0.0075	U		<0.0085	U		<0.013	U		<0.012	U		0.0015	J		<0.074	U		0.0015	J	
		VMP-32-20-102716	10/27/2016	0.0079	J		0.0043	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	30 ft	VMP-32-30-021015	2/10/2015	<0.011		U	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-32-30-050515	5/5/2015	0.0078	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-32-30-073115	7/31/2015	0.0087	J	J	0.011		J	0.016		J	<0.011	U	UJ	<0.0098	U	UJ	0.0023	J	J	<0.06	U	UJ	<0.0049	U	UJ
		VMP-32-30-073115-DUP	7/31/2015	<0.012	U	UJ	0.0068		J	0.013		J	<0.012	U	UJ	<0.011	U	UJ	0.0018	J	J	<0.066	U	UJ	<0.0055	U	UJ
		VMP-32-30-082415	8/24/2015	0.011			0.0014	J		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0053		
		VMP-32-30-082415-DUP	8/24/2015	<0.01	U		0.0017	J		<0.0067	U		<0.01	U		<0.0096	U		0.0068			<0.058	U		0.004	J	
		VMP-32-30-110415	11/4/2015	0.0067	J		<0.0063	U		0.0026	J		<0.011	U		<0.01	U		0.0023	J		<0.062	U		0.0021	J	
		VMP-32-30-020216	2/2/2016	0.0058	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		0.0037	J		<0.055	U		0.0026	J	
		VMP-32-30-042716	4/27/2016	0.0042	J		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		0.003	J		<0.061	U		<0.0051	U	
		VMP-32-30-072616	7/26/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-32-30-102716	10/27/2016	0.0087	J		0.0015	J		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
VMP-41	10 ft	VMP-41-10-020415	2/4/2015	0.0067	J		0.0016	J		<0.0059	J	U	<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		0.001	J	
		VMP-41-10-020415-DUP	2/4/2015	<0.0092	U		<0.0053	U		<0.006	J	U	<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		0.0014	J	
		VMP-41-10-043015	4/30/2015	0.0049	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-41-10-072815	7/28/2015	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-41-10-110215	11/2/2015	0.01			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0034	J		<0.056	U		0.0045	J	
		VMP-41-10-012716	1/27/2016	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	ND,UJ	UJ	<0.0043	U	
		VMP-41-10-050216	5/2/2016	0.0048	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-41-10-072816	7/28/2016	0.0088	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-41-10-102416	10/24/2016	<0.011	U		<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		0.0017	J	
	20 ft	VMP-41-20-020415	2/4/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-41-20-043015	4/30/2015	<0.23	U		<0.14	U		<0.15	U		<0.24	U		<0.22	U		<0.13	U		<1.3	U		<0.11	U	
		VMP-41-20-072815	7/28/2015	0.016			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-41-20-110215	11/3/2015	0.34			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0048	J	
		VMP-41-20-012716	1/27/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	ND,UJ	UJ	<0.0047	U	
		VMP-41-20-050216	5/2/2016	0.0064	J		0.00065	J		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0014	J	
		VMP-41-20-072816	7/28/2016	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-41-20-102416	10/24/2016	<0.0088	J	U	<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
	26 ft	VMP-41-30-020415	2/4/2015	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-41-30-043015	4/30/2015	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		0.0029	J		0.0026	J	
		VMP-41-30-043015-DUP	4/30/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.0019	J	
		VMP-41-30-110215	11/2/2015	0.015			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0033	J	
		VMP-41-30-110215-DUP	11/2/2015	0.014			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0036	J	
		VMP-41-30-012716	1/27/2016	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0012	J		<0.056	ND,UJ	UJ	0.0026	J	
		VMP-41-30-012716-DUP	1/27/2016	0.0046	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		0.0013	J		<0.054	ND,UJ	UJ	0.0035	J	
		VMP-41-30-050216	5/2/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-41-30-072816	7/28/2016	<0.01	U		<0.006	U		<0.0068	J	U	<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-41-30-072816-DUP	7/28/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-41-26-102416	10/24/2016	<0.009	J	U	0.0023	J		<0.0058	U		<0.0091	U		<0.0083	U		0.0019	J		<0.051	U		0.0026	J	
		VMP-41-30-072815	7/28/2015	<0.012	J	U	<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	
VMP-42	10 ft	VMP-42-10-020315	2/3/2015	0.0051	J		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-42-10-042915	4/29/2015	0.0066	J		<0.0054	U		<0.0062	U		0.0014	J		<0.0088	U		<0.0051	U		<0.054	U		0.0012	J	
		VMP-42-10-072115	7/21/2015	0.0057	J	J	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-42-10-102715	10/27/2015	<0.0092	J	U	<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-42-10-020116	2/1/2016	0.0044	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-42-10-042616	4/26/2016	<0.011	U		0.021			0.0035	J		<0.011	U		<0.0098	U		0.051			<0.06	U		0.094		
		VMP-42-10-072616	7/26/2016	<0.011	U		0.0033	J		<0.0072	U		<0.011	U		<0.01	U		0.0042	J		<0.063	U		0.0023	J	
		VMP-42-10-102716	10/27/2016	<0.0097	J	U	<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		0.00056	J	
	20 ft	VMP-42-20-020315	2/3/2015	<0.011	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.0051	U	
		VMP-42-20-042915	4/29/2015	0.011	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		0.0015	J	
		VMP-42-20-072115	7/21/2015	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-42-20-102715	10/27/2015	0.056			<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-42-20-020116	2/1/2016	0.018			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-42-20-042616	4/26/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-42-20-072616	7/26/2016	<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0052	U	
		VMP-42-20-102676	10/27/2016	<0.01	J	U	0.003	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
	30 ft	VMP-42-30-020315	2/3/2015	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-42-30-042915	4/29/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-42-30-080315	8/3/2015	0.0047	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-42-30-080315-DUP	8/3/2015	0.0085	J	J	<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-42-30-102715	10/27/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-42-30-020116	2/1/2016	0.045			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-42-30-042616	4/26/2016	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		0.00085	J		<0.068	U		<0.0056	U	
		VMP-42-30-072616	7/26/2016	0.011			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-42-30-102716	10/27/2016	0.022			<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.00094	J	
		VMP-42-30-102716-Dup	10/27/2016	<0.019	J	U	<0.011	U		<0.012	U		<0.019	U		<0.018	U		<0.01	U		<0.11	U		0.0014	J	
VMP-43	10 ft	VMP-43-10-021015	2/10/2015	<0.0083	J	U	<0.0048	U		0.0014	J	J	<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		0.00079	J	
		VMP-43-10-050515	5/5/2015	0.012			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-43-10-072115	7/21/2015	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-43-10-102915	10/29/2015	0.01	J		<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		<0.0063	U		<0.066	U		<0.0054	U	
		VMP-43-10-020116	2/1/2016	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	ND,UJ	UJ	<0.0052	U	
		VMP-43-10-042716	4/27/2016	0.01	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0036	J	
		VMP-43-10-072716	7/27/2016	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-43-10-102616	10/26/2016	0.022			0.052			0.0067			<0.0087	U		<0.008	U		0.0027	J		<0.049	U		0.0035	J	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	20 ft	VMP-43-20-021215	2/12/2015	<0.0092	J	U	0.0014	J		<0.006	U		<0.0094	U		<0.0086	U		0.0018	J		<0.052	U		0.0034	J	
		VMP-43-20-021215-DUP	2/12/2015	<0.0092	U		0.0015	J		<0.006	U		<0.0094	U		<0.0085	U		0.0016	J		<0.052	U		0.0032	J	
		VMP-43-20-050515	5/5/2015	0.0052	J		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-43-20-072115	7/21/2015	<0.013	J	U	<0.0073	U		<0.0082	U		<0.013	U		<0.012	U		<0.0069	U		<0.072	U		<0.0059	U	
		VMP-43-20-102915	10/29/2015	0.0073	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.0014	J		<0.051	U		<0.0042	U	
		VMP-43-20-102915-DUP	10/29/2015	0.009			0.0011	J		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-43-20-020116	2/1/2016	0.008	J		<0.0092	U		<0.01	U		<0.016	U		<0.015	U		<0.0086	U		<0.09	ND,UJ	UJ	<0.0074	U	
		VMP-43-20-042716	4/27/2016	0.0063	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		0.0023	J	
		VMP-43-20-072716	7/27/2016	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-43-20-102616	10/26/2016	0.0086	J		0.016			<0.0064	J	U	<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.00092	J	
	30 ft	VMP-43-30-050515	5/5/2015	0.0097	J		0.0048	J		0.002	J		<0.011	U		<0.01	U		0.008			<0.064	U		0.0098		
		VMP-43-30-050515-DUP	5/5/2015	<0.0098	U		0.0019	J		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		0.0023	J	
		VMP-43-30-072115	7/21/2015	0.01			<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-43-30-102915	10/29/2015	0.0047	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-43-30-020116	2/1/2016	0.12			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-43-30-042716	4/27/2016	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-43-30-042716-DUP	4/27/2016	<0.011	U		0.0024	J		0.0026	J		<0.011	U		<0.0098	U		0.0035	J		<0.06	U		0.006		
		VMP-43-30-072716	7/27/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-43-30-102616	10/26/2016	0.017			0.0024	J		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0015	J	
		VMP-43-30-102616-Dup	10/26/2016	0.011			0.0022	J		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0012	J	
VMP-44	10 ft	VMP-44-10-020415	2/4/2015	0.0044	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-44-10-050115	5/1/2015	0.005	J		<0.006	U		0.0022	J		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0024	J	
		VMP-44-10-072415	7/24/2015	0.015		J	<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-44-10-102815	10/28/2015	0.014			<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U	
		VMP-44-10-012516	1/25/2016	0.036			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-44-10-042816	4/28/2016	<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-44-10-072716	7/27/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-44-10-102716	10/27/2016	0.0074	J		0.002	J		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
	20 ft	VMP-44-20-020415	2/4/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-44-20-051115	5/11/2015	0.0062	J		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-44-20-072415	7/24/2015	0.024		J	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-44-20-102815	10/28/2015	0.014			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-44-20-020216-R	2/2/2016	0.0074	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		0.004	J		<0.058	U		0.002	J	
		VMP-44-20-042816	4/28/2016	0.011	J		<0.0069	U		<0.0079	U		<0.012	U		<0.011	U		0.0072			<0.068	U		0.0025	J	
		VMP-44-20-072716	7/27/2016	0.015			0.0025	J		<0.008	U		<0.012	U		<0.011	U		0.0022	J		<0.07	U		0.0014	J	
		VMP-44-20-102716	10/27/2016	0.0095	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
	30 ft	VMP-44-30-020415	2/4/2015	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-44-30-051115	5/11/2015	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		0.0021	J	
		VMP-44-30-072415	7/24/2015	0.013		J	0.0019	J		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-44-30-102815	10/28/2015	0.013			<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U	
		VMP-44-30-012516	1/25/2016	0.01			<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		0.0014	J	
		VMP-44-30-050516	5/5/2016	<0.013	U		<0.0076	U		<0.0086	U		<0.013	U		<0.012	U		<0.0071	U		<0.074	U		<0.0061	U	
		VMP-44-30-072716	7/27/2016	<0.012	U		<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U		<0.0054	U	
		VMP-44-30-102716	10/27/2016	0.014			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
VMP-45	10 ft	VMP-45-10-020615	2/6/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-45-10-051215	5/12/2015	0.0025	J		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0062		
		VMP-45-10-072115	7/21/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0032	J		<0.057	U		0.01		
		VMP-45-10-102815	10/28/2015	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-45-10-030916-R	3/9/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-45-10-042816	4/28/2016	<0.011	J	U	0.0089			0.0013	J		<0.011	U		<0.01	U		0.018			<0.063	U		0.024		
		VMP-45-10-082616	8/26/2016	0.027			<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		0.0052			<0.047	U		0.0061		
		VMP-45-10-102816	10/28/2016	0.0039	J	J	0.00094	J		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
	20 ft	VMP-45-20-020615	2/6/2015	0.0036	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-45-20-042915	4/29/2015	<0.011	U		0.0032	J		0.0034	J		<0.011	U		<0.01	U		0.0022	J		<0.063	U		0.0065		
		VMP-45-20-072115	7/21/2015	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		0.0015	J		<0.068	U		0.0024	J	
		VMP-45-20-102815	10/28/2015	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-45-20-012516	1/25/2016	0.0058	J		<0.0057	U		<0.0065	U		0.0017	J		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-45-20-042816	4/28/2016	0.031			0.0024	J		<0.0052	U		<0.0082	U		<0.0074	U		<0.0044	U		<0.045	U		0.0011	J	
		VMP-45-20-072716	7/27/2016	<0.012	U		<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-45-20-102816	10/28/2016	0.007	J	J	<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
	30 ft	VMP-45-30-020615	2/6/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0037	J		<0.056	U		0.01		
		VMP-45-30-020615-DUP	2/6/2015	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0034	J		<0.055	U		0.0097		
		VMP-45-30-042915	4/29/2015	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0029	J	
		VMP-45-30-072115	7/21/2015	0.022		J	<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		0.0041	J		<0.065	U		0.0074		
		VMP-45-30-072115-DUP	7/21/2015	<0.011	J	U	<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0038	J		<0.062	U		0.0069		
		VMP-45-30-102815	10/28/2015	0.0054	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.0016	J		<0.051	U		0.0031	J	
		VMP-45-30-012516	1/25/2016	0.014			0.0039	J		0.0056	J		<0.011	U		<0.0097	U		0.0017	J		<0.059	U		0.0021	J	
		VMP-45-30-042816	4/28/2016	<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-45-30-042816-DUP	4/28/2016	<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		0.00086	J	
		VMP-45-30-072716	7/27/2016	0.0058	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-45-30-102816	10/28/2016	0.0084	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		0.00084	J	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-020215	2/2/2015	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-47-5-042815	4/28/2015	0.01	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	ND,UJ	UJ	0.0023	J	
		VMP-47-5-072115	7/21/2015	0.01	J	J	<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		0.0028	J		<0.066	U		0.0033	J	
		VMP-47-5-102715	10/27/2015	<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-47-5-012916	1/29/2016	0.01	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-47-5-042516	4/25/2016	0.0077	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	J	U	<0.063	U		<0.0052	J	U
		VMP-47-5-072516	7/25/2016	<0.011	U		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		0.0017	J	
		VMP-47-5-102616	10/26/2016	0.016			0.0019	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		0.0021	J	
	10 ft	VMP-47-10-020215	2/2/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0011	J	
		VMP-47-10-042815	4/28/2015	0.0024	J		<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	ND,UJ	UJ	<0.0053	U	
		VMP-47-10-072115	7/21/2015	<0.012	J	U	<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-47-10-102715	10/27/2015	0.01	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-47-10-012916	1/29/2016	<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-47-10-042516	4/25/2016	<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0052	U	
		VMP-47-10-080216	8/2/2016	<0.0084	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-47-10-102616	10/26/2016	0.021			0.0025	J		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.0012	J	
	20 ft	VMP-47-20-020215	2/2/2015	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-47-20-042815	4/28/2015	0.0017	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	ND,UJ	UJ	<0.0051	U	
		VMP-47-20-072115	7/21/2015	<0.011	J	U	<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		0.0044	J		<0.065	U		0.015		
		VMP-47-20-102715	10/27/2015	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-47-20-012916	1/29/2016	0.0078	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.0046	J		<0.051	U		0.0053		
		VMP-47-20-042516	4/25/2016	0.0072	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-47-20-072516	7/25/2016	<0.011	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		0.0039	J		<0.061	U		0.0016	J	
		VMP-47-20-102616	10/26/2016	0.014			0.0069			<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0014	J	
	30 ft	VMP-47-30-020215	2/2/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-47-30-020215-DUP	2/2/2015	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-47-30-042815	4/28/2015	0.003	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	ND,UJ	UJ	0.0023	J	
		VMP-47-30-042815-DUP	4/28/2015	0.0039	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0058	U		<0.061	ND,UJ	UJ	<0.005	U	
		VMP-47-30-072115	7/21/2015	0.018		J	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.002	J	
		VMP-47-30-102715	10/27/2015	<0.0086	J	U	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-47-30-102715-DUP	10/27/2015	0.0096			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-47-30-012916-DUP	1/29/2016	<0.0094	U		0.0047	J		0.0018	J	J	<0.0095	U		<0.0087	U		0.0085			<0.053	U		0.02		
		VMP-47-30-042516	4/25/2016	0.013			0.013			0.015			<0.011	U		<0.01	U		<0.006	J	U	<0.062	U		0.0042	J	
		VMP-47-30-042516-DUP	4/25/2016	0.003	J		<0.0072	U		<0.0082	U		<0.013	U		<0.012	U		<0.0068	J	U	<0.071	U		<0.0059	J	U
		VMP-47-30-072516	7/25/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-47-30-102616	10/26/2016	0.009	J		0.032			0.0034	J		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
VMP-48	5 ft	VMP-48-5-020215	2/2/2015	0.0088	J		<0.0059	U		0.0036	J		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-48-5-042815	4/28/2015	0.0081	J		0.0018	J		0.0027	J		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		0.0018	J	
		VMP-48-5-072115	7/21/2015	0.025			<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-48-5-102015	10/20/2015	0.0063	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	ND,UJ	UJ	<0.0048	U	
		VMP-48-5-012916	1/29/2016	0.011	J		<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.067	U		<0.0056	U	
		VMP-48-5-042516	4/25/2016	0.0042	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	J	U
		VMP-48-5-072516	7/25/2016	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-48-5-102616	10/26/2016	0.017			0.0022	J		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	J	U
	10 ft	VMP-48-10-020215	2/2/2015	<0.0092	U		0.0026	J		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-48-10-042815	4/28/2015	0.0052	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0017	J		<0.058	U		0.0069		
		VMP-48-10-042815-DUP	4/28/2015	0.007	J		0.0017	J		0.0016	J		<0.0098	U		<0.009	U		0.0021	J		<0.055	J	U	0.0053		
		VMP-48-10-072115	7/21/2015	<0.01	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-48-10-102015	10/20/2015	0.0061	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0026	J		<0.058	ND,UJ	UJ	0.0031	J	
		VMP-48-10-012916	1/29/2016	0.0053	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-48-10-042516	4/25/2016	0.013			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	J	U	<0.056	U		<0.0046	J	U
		VMP-48-10-072516	7/25/2016	0.0043	J		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.00074	J	
		VMP-48-10-102616	10/26/2016	<0.0095	J	U	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	J	U
	20 ft	VMP-48-20-020215	2/2/2015	<0.0086	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-48-20-042815	4/28/2015	0.0037	J		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		0.0019	J	
		VMP-48-20-102015	10/20/2015	0.013			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	ND,UJ	UJ	<0.0046	J	U
		VMP-48-20-042516	4/25/2016	0.0077	J		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	J	U
		VMP-48-20-102616	10/26/2016	<0.0093	J	U	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	J	U
	30 ft	VMP-48-30-020215	2/2/2015	<0.0076	U		<0.0044	U		<0.0049	U		<0.0077	U		<0.007	U		0.0022	J		<0.043	U		0.002	J	
		VMP-48-30-042815	4/28/2015	0.0064	J		0.0033	J		<0.0073	U		0.0027	J		<0.01	U		<0.0061	U		0.0038	J		0.0035	J	
		VMP-48-30-080315	8/3/2015	0.014	J0	J	<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		0.0018	J		<0.062	U		<0.0051	U	
		VMP-48-30-102015	10/20/2015	0.019			0.0022	J		<0.0067	U		<0.01	U		<0.0095	U		0.0059			<0.058	ND,UJ	UJ	0.01		
		VMP-48-30-102015-DUP	10/20/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0043	J		<0.058	ND,UJ	UJ	0.0098		
		VMP-48-30-012916	1/29/2016	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-48-30-042516	4/25/2016	0.0073	J		0.0098			0.0077	J		<0.012	U		<0.011	U		0.02			<0.068	U		0.035		
		VMP-48-30-042516-DUP	4/25/2016	0.0063	J		0.0076			0.0062	J		<0.011	U		<0.0098	U		0.014			<0.06	U		0.029		
		VMP-48-30-072516	7/25/2016	0.0096			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		0.0018	J	
		VMP-48-30-102616	10/26/2016	0.034		J	0.032		J	0.0032	J		<0.0091	U		<0.0083	U		0.007			<0.051	U		0.013		J
		VMP-48-30-102616-Dup	10/26/2016	<0.0097	U	UJ	<0.0056	U	UJ	<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		0.0035	J	J

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-020215	2/3/2015	0.0066	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-49-5-042815	4/28/2015	<0.01	U		<0.006	U		0.0067	J		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-49-5-073015	7/30/2015	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-49-5-110315	11/3/2015	0.0085	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0036	J		<0.062	U		0.0028	J	
		VMP-49-5-020116	2/1/2016	0.42			<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	J	U	<0.06	U		0.0027	J	
		VMP-49-5-042616	4/26/2016	0.0061	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		0.0038	J		<0.058	U		0.0032	J	
		VMP-49-5-080116	8/1/2016	0.012			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-49-5-102716	10/27/2016	<0.01	J	U	0.0019	J		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.00061	J	
	10 ft	VMP-49-10-020215	2/3/2015	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-49-10-042815	4/28/2015	0.17			<0.008	U		<0.0091	U		<0.014	U		<0.013	U		<0.0076	U		<0.079	U	UJ	<0.0065	U	
		VMP-49-10-073015	7/30/2015	0.0064	J		<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-49-10-110315	11/3/2015	0.0084	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.003	J		<0.062	U		0.0029	J	
		VMP-49-10-020116	2/1/2016	0.082			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	J	U	<0.062	U		0.0028	J	
		VMP-49-10-042616	4/26/2016	0.0036	J		0.0019	J		<0.0079	U		<0.012	U		<0.011	U		0.003	J		<0.069	U		0.0016	J	
		VMP-49-10-080116	8/1/2016	0.017			<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-49-10-102716	10/27/2016	0.016			0.0022	J		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.00065	J	
	20 ft	VMP-49-20-020215	2/3/2015	0.0082	J		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-49-20-073015	7/30/2015	<0.01	U		<0.0061	U		0.0062	J		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-49-20-110315	11/3/2015	0.0053	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		0.0027	J		<0.052	U		0.0019	J	
		VMP-49-20-020116	2/1/2016	0.054			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	J	U	<0.056	U		0.0039	J	
		VMP-49-20-042616	4/26/2016	0.0069	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.003	J		<0.055	U		0.0015	J	
		VMP-49-20-080116	8/1/2016	0.0066	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0011	J	
		VMP-49-20-102716	10/27/2016	<0.0099	J	U	<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
	30 ft	VMP-49-30-020215	2/3/2015	0.0075	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-49-30-042815	4/28/2015	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U	UJ	<0.0054	U	
		VMP-49-30-073015	7/30/2015	<1.4	U		<0.81	U		<0.92	U		<1.4	U		<1.3	U		0.95			<8	U		17		
		VMP-49-30-073015-DUP	7/30/2015	<1.4	U		0.28	J		<0.89	U		<1.4	U		<1.3	U		0.95			<7.8	U		16		
		VMP-49-30-110315	11/3/2015	0.0059	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0034	J		<0.057	U		<0.0047	U	
		VMP-49-30-110315-DUP	11/3/2015	0.0053	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-49-30-020116	2/1/2016	0.0085	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	J	U	<0.059	U		0.0034	J	
		VMP-49-30-020116-DUP	2/1/2016	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	J	U	<0.055	U		0.0038	J	
		VMP-49-30-042716	4/27/2016	<0.01	U		<0.0061	U		0.0018	J		<0.011	U		<0.0098	U		0.0026	J		<0.06	U		0.0018	J	
		VMP-49-30-042716-DUP	4/27/2016	0.0064	J		<0.0054	U		0.0022	J		<0.0095	U		<0.0087	U		0.0038	J		<0.053	U		0.0018	J	
		VMP-49-30-080116	8/1/2016	0.01	J		0.004	J		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0012	J	
		VMP-49-30-080116-DUP	8/1/2016	0.021			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0017	J	
		VMP-49-30-102716	10/27/2016	<0.011	J	U	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
VMP-50	5 ft	VMP-50-5-021015	2/10/2015	<0.01		U	<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		0.0022	J		<0.055	U		0.011		
		VMP-50-5-050515	5/5/2015	0.007	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-50-5-073015	7/30/2015	<0.011	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		0.0018	J		<0.061	U		0.007		
		VMP-50-5-110315	11/3/2015	0.0056	J		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		0.0037	J	
		VMP-50-5-020216	2/2/2016	0.0078	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.0014	J	
		VMP-50-5-050316	5/3/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-50-5-080216	8/2/2016	0.022			<0.0078	U		<0.0088	U		<0.014	U		<0.012	U		<0.0074	U		<0.077	U		0.0041	J	
		VMP-50-5-103116	10/31/2016	0.014	J	J	0.0041	J		<0.011	U		<0.017	U		<0.016	U		<0.0093	U		<0.097	U		0.0054	J	
	10 ft	VMP-50-10-021015	2/10/2015	<0.01		U	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		0.00084	J	
		VMP-50-10-050515	5/5/2015	0.023			<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-50-10-073015	7/30/2015	0.0062	J		<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-50-10-110315	11/3/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0024	J	
		VMP-50-10-020216	2/2/2016	<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-50-10-050316	5/3/2016	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-50-10-082616	8/26/2016	<0.0096	U		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-50-10-103116	10/31/2016	<0.0099	J	U	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
	20 ft	VMP-50-20-021015	2/10/2015	0.022			<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0011	J	
		VMP-50-20-050515	5/5/2015	0.01	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-50-20-073015	7/30/2015	0.0044	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-50-20-110315	11/3/2015	0.012			0.0056	J		0.012			<0.01	U		<0.0096	U		0.0043	J		<0.059	U		0.0041	J	
		VMP-50-20-020216	2/2/2016	<0.012	U		<0.0072	U		<0.0082	U		<0.013	U		<0.012	U		<0.0068	U		<0.071	U		<0.0059	U	
		VMP-50-20-050316	5/3/2016	0.018			<0.007	U		<0.0079	U		<0.012	U		<0.011	U		0.0038	J		<0.069	U		0.0029	J	
		VMP-50-20-082616	8/26/2016	0.0089	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		0.0022	J		<0.058	U		0.0027	J	
		VMP-50-20-103116	10/31/2016	<0.011	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.001	J	
	30 ft	VMP-50-30-021015	2/10/2015	<2.4	U		79			74			<2.4	U		<2.2	U		140			<13	U		150		
		VMP-50-30-050515	5/5/2015	<2.2	U		39			130			<2.3	U		<2.1	U		120			<12	U		110		
		VMP-50-30-061515-R	6/15/2015	<1	U		45			170			<1	U		<0.96	U		120			<5.9	U		110		
		VMP-50-30-073015	7/30/2015	<1.5	U		32			190			<1.5	U		<1.4	U		80			<8.4	U		70		
		VMP-50-30-110315	11/3/2015	<0.1	U		15			210			<0.1	U		<0.094	U		50			<0.57	U		48		
		VMP-50-30-020216	2/2/2016	<3.1	U		14			280			<3.1	U		<2.8	U		36			<17	U		42		
		VMP-50-30-020216-DUP	2/2/2016	<3.4	U		15			310			<3.5	U		<3.2	U		41			<20	U		48		
		VMP-50-30-050316	5/3/2016	<0.36	U		5.6			290			<0.37	U		<0.33	U		26			<2	U		36		
		VMP-50-30-080216	8/2/2016	<0.11	U		1.9			12			<0.11	U		<0.099	U		9.7			<0.6	U		18		
		VMP-50-30-103116	10/31/2016	<0.21	U		2.3			26			<0.22	U		<0.2	U		16			<1.2	U		27		

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020315	2/3/2015	0.015			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-51-5-042915	4/29/2015	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	ND,UJ	UJ	<0.0049	U	
		VMP-51-5-072115	7/21/2015	0.0047	J		0.024			0.11			<0.01	U		<0.0091	U		0.0036	J		<0.056	U		0.0032	J	
		VMP-51-5-102815	10/28/2015	0.024			<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		0.002	J		<0.065	U		0.0065		
		VMP-51-5-012516	1/25/2016	<0.0085	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		0.0014	J	
		VMP-51-5-042816	4/28/2016	0.0033	J		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		0.0013	J	
		VMP-51-5-072716	7/27/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-51-5-101916	10/19/2016	<0.01	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
	10 ft	VMP-51-10-020315	2/3/2015	0.03			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-51-10-042915	4/29/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	ND,UJ	UJ	<0.0048	U	
		VMP-51-10-072115	7/21/2015	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-51-10-102815	10/28/2015	0.015			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-51-10-012516	1/25/2016	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0014	J	
		VMP-51-10-042816	4/28/2016	0.0046	J		0.0066			0.006	J		<0.01	U		<0.0096	U		0.0073			<0.058	U		0.0093		
		VMP-51-10-042816-DUP	4/28/2016	0.0077	J		0.0068			0.007			<0.011	U		<0.0099	U		0.0065			<0.06	U		0.0067		
		VMP-51-10-072716	7/27/2016	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-51-10-101916	10/19/2016	<0.0087	U		<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		<0.0041	U	
	20 ft	VMP-51-20-020315	2/3/2015	0.0055	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-51-20-042915	4/29/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	ND,UJ	UJ	<0.0044	U	
		VMP-51-20-072115	7/21/2015	<0.013	U		0.0023	J		0.0024	J		<0.014	U		<0.012	U		0.0046	J		<0.076	U		0.024		
		VMP-51-20-102815	10/28/2015	0.012			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-51-20-012516	1/25/2016	0.0036	J		0.0036	J		0.0067			<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-51-20-042816	4/28/2016	0.0094	J		<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.067	U		<0.0056	U	
		VMP-51-20-052516-R	5/25/2016	0.0093	J		0.0029	J		0.0013	J		<0.01	U		<0.0096	U		0.0022	J		<0.059	U		0.0035	J	
		VMP-51-20-072716	7/27/2016	<0.012	U		<0.007	U		<0.0079	U		<0.012	U		<0.011	U		<0.0066	U		<0.069	U		<0.0057	U	
		VMP-51-20-101916-Dup	10/19/2016	<0.0096	J	U	0.003	J		<0.0063	U		<0.0098	U		<0.0089	U		0.004	J		<0.055	U		0.0064		
		VMP-51-20-101916	10/19/2016	<0.0094	U		0.0026	J		<0.0062	U		<0.0096	U		<0.0088	U		0.0043	J		<0.054	U		0.0076		
	30 ft	VMP-51-30-020315	2/3/2015	0.023			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-51-30-020315-DUP	2/3/2015	0.015			0.0013	J		0.0034	J		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-51-30-042915	4/29/2015	<0.01	U		0.0022	J		<0.0067	U		<0.01	U		<0.0095	U		0.006			<0.058	ND,UJ	UJ	0.0061		
		VMP-51-30-042915-DUP	4/29/2015	<0.01	U		0.0027	J		<0.0065	U		<0.01	U		<0.0093	U		0.0041	J		<0.056	ND,UJ	UJ	0.0043	J	
		VMP-51-30-072115	7/21/2015	<0.0096	U		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-51-30-102815	10/28/2015	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-51-30-012516	1/25/2016	0.0055	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-51-30-012516-DUP	1/25/2016	0.0085	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		0.0025	J		<0.056	U		0.0018	J	
		VMP-51-30-042816	4/28/2016	<0.0096	U		0.0014	J		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		0.0011	J	
		VMP-51-30-072716	7/27/2016	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-51-30-072716-DUP	7/27/2016	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-51-30-101916	10/19/2016	0.041			0.0025	J		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
VMP-52	5 ft	VMP-52-5-020415	2/4/2015	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-52-5-042915	4/29/2015	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	ND,UJ	UJ	<0.0052	U	
		VMP-52-5-072715	7/27/2015	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-52-5-102915	10/29/2015	0.025			<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-52-5-012516	1/25/2016	0.0059	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.0012	J	
		VMP-52-5-042516	4/25/2016	0.025			0.0023	J		<0.0061	U		<0.0095	U		<0.0086	U		0.0085			<0.053	U		0.0082		
		VMP-52-5-072716	7/27/2016	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-52-5-102716	10/27/2016	<0.0093	J	U	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
	10 ft	VMP-52-10-020415	2/4/2015	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-52-10-042915	4/29/2015	<0.012	U		<0.0071	U		<0.0081	U		<0.013	U		<0.012	U		<0.0067	U		<0.07	ND,UJ	UJ	<0.0058	U	
		VMP-52-10-072715	7/27/2015	<0.01	U		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-52-10-102915	10/29/2015	0.074			<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-52-10-012516	1/25/2016	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-52-10-042516	4/25/2016	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-52-10-072716	7/27/2016	<0.012	U		0.0029	J		<0.0077	U		<0.012	U		<0.011	U		0.002	J		<0.067	U		<0.0055	U	
		VMP-52-10-102716	10/27/2016	<0.01	J	U	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0048	U	
	20 ft	VMP-52-20-020415	2/4/2015	0.0093	J		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-52-20-042915	4/29/2015	0.026			<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	ND,UJ	UJ	<0.0048	U	
		VMP-52-20-072715	7/27/2015	<0.011	J	U	<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-52-20-102915	10/29/2015	0.01			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-52-20-012516	1/25/2016	0.0038	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0013	J	
		VMP-52-20-042516	4/25/2016	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.001	J	
		VMP-52-20-072716	7/27/2016	<0.012	U		<0.0071	U		<0.0081	J	U	<0.012	U		<0.011	U		<0.0067	U		<0.07	U		<0.0058	U	
		VMP-52-20-102716	10/27/2016	<0.0096	J	U	<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
	30 ft	VMP-52-30-020415	2/4/2015	0.0078	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-52-30-020415-DUP	2/4/2015	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.001	J	
		VMP-52-30-042915	4/29/2015	0.0023	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	ND,UJ	UJ	<0.0043	U	
		VMP-52-30-072715	7/27/2015	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-52-30-102915	10/29/2015	0.0092	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-52-30-020216-R	2/2/2016	0.0046	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0032	J		<0.062	U		0.0024	J	
		VMP-52-30-042516	4/25/2016	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-52-30-072716	7/27/2016	<0.012	U		<0.0072	U		<0.0081	U		<0.013	U		<0.012	U		<0.0068	U		<0.07	U		<0.0058	U	
		VMP-52-30-102716	10/27/2016	<0.011	J	U	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	5 ft	VMP-53-5-020415	2/4/2015	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-53-5-050415	5/4/2015	<0.011	U		0.0015	J		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-53-5-072415	7/24/2015	<0.012	U		<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		<0.0063	U		<0.066	U		<0.0054	U	
		VMP-53-5-102815	10/28/2015	0.0049	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-53-5-012816	1/28/2016	<0.01	U		0.0022	J		0.0036	J	J	<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-53-5-042816	4/28/2016	0.021			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		0.0049	J		<0.053	U		0.003	J	
		VMP-53-5-072916	7/29/2016	0.0081	J		<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.067	U		0.0016	J	
		VMP-53-5-102516	10/25/2016	0.015			0.0023	J		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.00098	J	
		VMP-53-5-120916	12/9/2016	0.0075	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		0.0011	J	
	10 ft	VMP-53-10-020415	2/4/2015	0.0072	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-53-10-050415	5/4/2015	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-53-10-072415	7/24/2015	<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		0.0032	J		<0.059	U		0.0077		
		VMP-53-10-102815	10/28/2015	0.042			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-53-10-012816	1/28/2016	0.006	J		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		0.0021	J		<0.067	U		0.0027	J	
		VMP-53-10-042816	4/28/2016	<0.011	U		0.01			0.0022	J		<0.011	U		<0.01	U		0.018			<0.061	U		0.02		
		VMP-53-10-082616	8/26/2016	<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		0.001	J	
		VMP-53-10-102516	10/25/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		0.0012	J	
		VMP-53-10-120916	12/9/2016	<0.0096	U		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
	20 ft	VMP-53-20-020415	2/4/2015	0.0083	J		<0.012	U		<0.014	U		<0.021	U		<0.02	U		<0.011	U		<0.12	U		<0.0098	U	
		VMP-53-20-050415	5/4/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-53-20-072415	7/24/2015	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-53-20-102815	10/28/2015	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-53-20-021616	2/16/2016	0.0066	J		<0.0069	U		<0.0079	U		<0.012	U		<0.011	U		<0.0066	U		<0.068	U		0.0019	J	
		VMP-53-20-042816	4/28/2016	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-53-20-072916	7/29/2016	0.012			<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		0.0016	J	
		VMP-53-20-102516	10/25/2016	0.01	J		<0.01	U		<0.012	U		<0.018	U		<0.016	U		<0.0096	U		<0.1	U		0.0025	J	
		VMP-53-20-120916	12/9/2016	0.069			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.001	J		<0.054	U		0.0012	J	
	30 ft	VMP-53-30-020415	2/4/2015	0.0073	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-53-30-050415	5/4/2015	0.0041	J		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-53-30-072415	7/24/2015	<0.011	U		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-53-30-102815	10/28/2015	0.021			0.0019	J		<0.0073	U		<0.011	U		<0.01	U		0.0016	J		<0.063	U		<0.0052	U	
		VMP-53-30-012816	1/28/2016	<0.01	U		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-53-30-042816	4/28/2016	<0.012	U		<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U		<0.0054	U	
		VMP-53-30-052516-R	5/25/2016	<0.0098	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-53-30-072916	7/29/2016	0.023			<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		0.0026	J		<0.046	U		0.0025	J	
		VMP-53-30-102516	10/25/2016	<0.019	U		0.0032	J		<0.012	U		<0.019	U		<0.018	U		<0.01	U		<0.11	U		<0.0088	U	
		VMP-53-30-120916	12/9/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.0012	J		<0.061	U		0.0016	J	
VMP-54	5 ft	VMP-54-5-020515	2/5/2015	0.0059	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-54-5-050415	5/4/2015	0.0044	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0011	J	
		VMP-54-5-072415	7/24/2015	<0.012		U	<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		0.0022	J		<0.066	U		0.003	J	
		VMP-54-5-102715	10/27/2015	0.0053	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-54-5-012816	1/28/2016	0.0046	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-54-5-042916	4/29/2016	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		0.0013	J		<0.053	U		0.0014	J	
		VMP-54-5-080116	8/1/2016	0.009	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0014	J	
		VMP-54-5-102816	10/28/2016	0.012			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
	10 ft	VMP-54-10-020515	2/5/2015	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-54-10-050415	5/4/2015	0.0039	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-54-10-072415	7/24/2015	<0.012	J	U	<0.0071	U		<0.0081	U		<0.013	U		<0.012	U		<0.0067	U		<0.07	U		<0.0058	U	
		VMP-54-10-102715	10/27/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-54-10-012816	1/28/2016	0.0046	J		0.002	J		0.0024	J		<0.011	U		<0.0099	U		0.003	J		<0.06	U		0.004	J	
		VMP-54-10-042916	4/29/2016	<0.011	U		0.011			0.0016	J		<0.011	U		<0.01	U		0.018			<0.062	U		0.018		
		VMP-54-10-080116	8/1/2016	0.012			<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-54-10-102816	10/28/2016	<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
	20 ft	VMP-54-20-020515	2/5/2015	0.0097			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-54-20-050415	5/4/2015	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-54-20-072415	7/24/2015	<0.011	J	U	<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-54-20-102715	10/27/2015	<0.0088	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		0.0025	J		<0.05	U		0.0054		
		VMP-54-20-102715-DUP	10/27/2015	<0.0088	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		0.0016	J		<0.05	U		0.0058		
		VMP-54-20-012816	1/28/2016	<0.011	U		<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-54-20-050516	5/5/2016	<0.0097	U		0.0018	J		0.0016	J		<0.0099	U		<0.009	U		0.0019	J		<0.055	U		0.0022	J	
		VMP-54-20-050516-DUP	5/5/2016	<0.01	U		0.0023	J		0.0018	J		<0.011	U		<0.0098	U		0.0021	J		<0.06	U		0.0025	J	
		VMP-54-20-080116	8/1/2016	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-54-20-102816	10/28/2016	<0.01	J	U	<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
	30 ft	VMP-54-30-021215	2/12/2015	<0.01		U	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-54-30-050415	5/4/2015	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.00091	J	
		VMP-54-30-080315	8/3/2015	0.0062	J	J	<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		0.0028	J		<0.066	U		<0.0054	U	
		VMP-54-30-102715	10/27/2015	0.011			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-54-30-012816	1/28/2016	0.0043	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-54-30-042916	4/29/2016	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0013	J	
		VMP-54-30-042916-DUP	4/29/2016	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0014	J	
		VMP-54-30-080116	8/1/2016	0.011			<0.0058	U		0.0033	J		<0.01	U		<0.0094	U		0.0031	J		<0.057	U		0.0015	J	
		VMP-54-30-102816	10/28/2016	<0.0098	J	U	<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-020515	2/5/2015	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-55-5-050615	5/6/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0016	J	
		VMP-55-5-110215	11/2/2015	<0.071	U		0.3			0.056			<0.072	U		<0.066	U		0.13			<0.4	U		0.15		
		VMP-55-5-020416	2/4/2016	<0.099	U		<0.057	U		<0.065	U		<0.1	U		<0.092	U		<0.054	U		<0.56	U		<0.046	U	
		VMP-55-5-082616	8/26/2016	0.0058	J		<0.0067	J	U	<0.0075	U		<0.012	U		<0.011	U		0.0021	J		<0.065	U		0.0015	J	
	20 ft	VMP-55-20-020515	2/5/2015	<0.97	U		0.094	J		0.41	J		<0.99	U		<0.9	U		<0.53	U		<5.5	U		<0.45	U	
		VMP-55-20-050615	5/6/2015	24			<3.7	U		<4.2	U		<6.5	U		<5.9	U		<3.5	U		<36	U		0.76	J	
		VMP-55-20-072915	7/29/2015	<0.1	U		<0.059	U		<0.067	U		<0.1	U		<0.095	U		<0.056	U		<0.58	U		0.051		
		VMP-55-20-072915-DUP	7/29/2015	<0.11	U		<0.063	U		<0.071	U		<0.11	U		<0.1	U		<0.059	U		<0.62	U		0.052		
		VMP-55-20-110215	11/2/2015	<3	U		<1.7	U		<2	U		<3.1	U		<2.8	U		350			<17	U		850		
		VMP-55-20-020416	2/4/2016	<1	U		<0.58	U		<0.65	U		<1	U		<0.93	U		190			<5.6	U		150		
		VMP-55-20-020416-DUP	2/4/2016	<0.9	U		<0.52	U		<0.59	U		<0.92	U		<0.84	U		190		J	<5.1	U		150		J
		VMP-55-20-050416	5/4/2016	<1.4	U		<0.79	U		<0.89	U		<1.4	U		<1.3	U		190			<7.8	U		420		J
		VMP-55-20-080316	8/3/2016	<0.7	U		<0.4	U		<0.46	U		<0.71	U		<0.65	U		76		J	<4	U		160		J
		VMP-55-20-110116	11/1/2016	0.97	J		<0.6	U		<0.68	U		<1	U		<0.96	U		15			<5.9	U		28		
	30 ft	VMP-55-30-030915	3/9/2015	<2.6	ND,UJ	UJ	<1.5	U		<1.7	U		<2.6	U		<2.4	U		1.8			<15	U		2.4		
		VMP-55-30-050615	5/6/2015	25			<5.1	U		<5.8	U		<9	U		<8.2	U		<4.8	U		<50	U		3.4	J	
		VMP-55-30-050615-DUP	5/6/2015	30			<5.1	U		<5.8	U		<9.1	U		<8.3	U		<4.8	U		<50	U		3.4	J	
		VMP-55-30-061515-Dup-R	6/15/2015	<0.12	U		<0.068	U		0.042	J		<0.12	U		<0.11	U		0.047	J		<0.67	U		0.16		
		VMP-55-30-061515-R	6/15/2015	<0.096	U		<0.055	U		0.046	J		<0.098	U		<0.089	U		0.039	J		<0.54	U		0.17		
VMP-56	10 ft	VMP-56-10-021015	2/10/2015	0.034			<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		0.00073	J	
		VMP-56-10-110315	11/3/2015	0.0099			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0028	J		<0.054	U		0.0024	J	
		VMP-56-10-020416	2/4/2016	0.0046	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-56-10-050516	5/5/2016	0.014			<0.0061	U		0.004	J		<0.011	U		<0.0098	U		0.00094	J		<0.06	U		0.013		
		VMP-56-10-072716	7/27/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-56-10-102416	10/24/2016	<0.01	U		0.014			0.0025	J		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		0.0018	J	
	25 ft	VMP-56-25-021015	2/10/2015	0.027			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0021	J	
		VMP-56-25-050715	5/7/2015	0.0058	J		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		0.0017	J	
		VMP-56-25-073115	7/31/2015	0.0061	J		<0.0064	U		0.007	J		<0.011	U		<0.01	U		0.002	J		<0.063	U		0.0046	J	
		VMP-56-25-110315	11/3/2015	0.033			0.0015	J		0.0016	J		<0.0099	U		<0.009	U		0.0092			<0.055	U		0.0055		
		VMP-56-25-020416	2/4/2016	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-56-25-050516	5/5/2016	<0.011	U		<0.0063	U		0.0017	J		<0.011	U		<0.01	U		<0.006	U		<0.062	U		0.0014	J	
		VMP-56-25-050516-DUP	5/5/2016	<0.011	U		<0.0065	U		0.0019	J		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-56-25-072716	7/27/2016	0.021			<0.0072	U		<0.0081	U		<0.013	U		<0.012	U		0.0013	J		<0.07	U		0.0028	J	
		VMP-56-25-102416	10/24/2016	0.041			0.027			0.0033	J		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		0.0019	J	
	38.5 ft	VMP-56-38.5-021015	2/10/2015	<10	U		580			36			<10	U		<9.3	U		2100			<57	U		4200		
		VMP-56-38.5-050715	5/7/2015	<120	U		510			150			<120	U		<110	U		1900			<650	U		10000		
		VMP-56-38.5-061515-R	6/15/2015	8	J		390			71			<11	U		<10	U		2000			<63	U		4700		
		VMP-56-38.5-073115	7/31/2015	<9.7	U		510			320			<9.9	U		<9	U		690			<55	U		1200		
		VMP-56-38.5-073115-DUP	7/31/2015	<36	U		500			320			<37	U		<33	U		720			<200	U		1200		
		VMP-56-38.5-110315	11/3/2015	<11	U		830		J	220		J	<12	U		<10	U		2500			<65	U		9600		
		VMP-56-38.5-110315-DUP	11/3/2015	<83	U		440		J	63		J	<84	U		<77	U		2100			<470	U		9300		
		VMP-56-38.5-020416	2/4/2016	<64	U		250			15	J		<65	U		<59	U		1700			<360	U		8400		
VMP-62	5 ft	VMP-62-5-020315	2/3/2015	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-62-5-042815	4/28/2015	0.0046	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U	UJ	<0.0051	U	
		VMP-62-5-072415	7/24/2015	0.034		J	<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		0.0017	J		<0.063	U		0.0022	J	
		VMP-62-5-102015	10/20/2015	0.007	J		<0.0048	U		<0.0054	U		<0.0084	U		<0.0076	U		0.0022	J		<0.047	ND,UJ	UJ	<0.0038	J	U
		VMP-62-5-012816	1/28/2016	0.0089	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	ND,UJ	UJ	<0.0046	U	
		VMP-62-5-042516	4/25/2016	0.0086	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	J	U	<0.052	U		<0.0043	J	U
		VMP-62-5-072616	7/26/2016	0.0074	J		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		0.0042	J		<0.064	U		0.0011	J	
		VMP-62-5-102416	10/24/2016	<0.0098	J	U	0.001	J		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0015	J	
	10 ft	VMP-62-10-020315	2/3/2015	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-62-10-042815	4/28/2015	0.0085	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U	UJ	<0.0048	U	
		VMP-62-10-072415	7/24/2015	<0.01	J	U	<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-62-10-102015	10/20/2015	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	ND,UJ	UJ	0.0022	J	
		VMP-62-10-012816	1/28/2016	0.011			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	ND,UJ	UJ	<0.0044	U	
		VMP-62-10-042516	4/25/2016	0.0049	J		<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U		<0.0054	U	
		VMP-62-10-072616	7/26/2016	<0.012	U		<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.067	U		<0.0056	U	
		VMP-62-10-102416	10/24/2016	<0.0081	J	U	0.0057			0.001	J		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0.0038	U	
	20 ft	VMP-62-20-020315	2/3/2015	0.008	J		0.0022	J		0.0026	J		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0014	J	
		VMP-62-20-042815	4/28/2015	<0.011	U		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		0.0038	J		<0.06	U	UJ	0.0031	J	
		VMP-62-20-072415	7/24/2015	<0.0098	J	U	<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-62-20-102015	10/20/2015	0.0057	J		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	ND,UJ	UJ	0.0026	J	
		VMP-62-20-012816	1/28/2016	0.024			<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		0.0015	J		<0.063	ND,UJ	UJ	<0.0052	U	
		VMP-62-20-042516	4/25/2016	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	J	U
		VMP-62-20-072616	7/26/2016	0.01			<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-62-20-102416	10/24/2016	0.018			0.0051			0.0012	J		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.0016	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	30 ft	VMP-62-30-020315	2/3/2015	0.0034	J		0.00084	J		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-62-30-042815	4/28/2015	0.0072	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	UJ	<0.0049	U	
		VMP-62-30-072415	7/24/2015	<0.01	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0013	J	
		VMP-62-30-102015	10/20/2015	0.0066	J		<0.0057	U		0.0019	J		0.0016	J		<0.0092	U		<0.0054	U		<0.056	ND,UJ	UJ	0.0034	J	
		VMP-62-30-012816	1/28/2016	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		0.0026	J		<0.062	ND,UJ	UJ	0.007		
		VMP-62-30-012816-DUP	1/28/2016	0.014			<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		0.0017	J		<0.054	ND,UJ	UJ	0.0063		
		VMP-62-30-042516	4/25/2016	0.0033	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	J	U
		VMP-62-30-072616	7/26/2016	<0.011	U		0.0049	J		0.0035	J		<0.011	U		<0.01	U		0.0049	J		<0.062	U		0.0033	J	
		VMP-62-30-072616-DUP	7/26/2016	<0.011	U		0.0045	J		0.0048	J		<0.011	U		<0.01	U		0.0039	J		<0.062	U		0.0026	J	
		VMP-62-30-102416	10/24/2016	<0.0094	J	U	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-62-30-102416-Dup	10/24/2016	<0.0089	J	U	<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0.0042	U	
VMP-63	5 ft	VMP-63-5-020315	2/3/2015	0.012			<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-63-5-042815	4/28/2015	<0.011	J	U	<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U	UJ	<0.0052	U	
		VMP-63-5-072415	7/24/2015	<0.01	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-63-5-102615	10/26/2015	<0.01	J	U	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		0.0013	J		<0.056	U		0.0031	J	
		VMP-63-5-012816	1/28/2016	0.0055	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0019	J		<0.056	U		0.0016	J	
		VMP-63-5-042616	4/26/2016	<0.011	U		0.024			0.0044	J		<0.011	U		<0.0098	U		0.052			<0.06	U		0.1		
		VMP-63-5-072516	7/25/2016	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		0.003	J		<0.062	U		0.0029	J	
		VMP-63-5-102416	10/24/2016	0.0084	J		0.025			0.003	J		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		0.0011	J	
	10 ft	VMP-63-10-020315	2/3/2015	0.0049	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-63-10-042815	4/28/2015	0.0052	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	UJ	0.0018	J	
		VMP-63-10-072415	7/24/2015	<0.01	J	U	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-63-10-102615	10/26/2015	<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-63-10-012816	1/28/2016	0.006	J		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		0.0017	J	
		VMP-63-10-042616	4/26/2016	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-63-10-072516	7/25/2016	0.0074	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-63-10-102416	10/24/2016	<0.0099	U		0.00091	J		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0014	J	
	20 ft	VMP-63-20-020315	2/3/2015	0.014			<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0014	J	
		VMP-63-20-020315-DUP	2/3/2015	0.0082	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0015	J	
		VMP-63-20-042815	4/28/2015	0.0091	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		0.0015	J	
		VMP-63-20-072415	7/24/2015	<0.01		U	0.0012	J		0.0019	J		<0.0098	U		<0.009	U		0.002	J		<0.055	U		<0.0045	U	
		VMP-63-20-102615	10/26/2015	0.18			0.0078			0.0086			<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-63-20-012816	1/28/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-63-20-042616	4/26/2016	<0.011	U		<0.0066	U		0.003	J		<0.012	U		<0.01	U		0.01			<0.065	U		0.012		
		VMP-63-20-042616-DUP	4/26/2016	<0.01	U		0.0026	J		0.0056	J		<0.01	U		<0.0096	U		0.0021	J		<0.059	U		0.0016	J	
		VMP-63-20-072516	7/25/2016	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0026	J		<0.06	U		0.0028	J	
		VMP-63-20-102416	10/24/2016	0.016			0.0078			<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U		0.00093	J	
	30 ft	VMP-63-30-020315	2/3/2015	0.048			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0016	J		<0.054	U		0.0016	J	
		VMP-63-30-042815	4/28/2015	0.038			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0031	J		<0.06	U		0.0041	J	
		VMP-63-30-072415	7/24/2015	<0.01	J	U	<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-63-30-102615	10/26/2015	0.049			<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-63-30-102615-DUP	10/26/2015	0.032			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-63-30-012816	1/28/2016	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		0.0014	J	
		VMP-63-30-042616	4/26/2016	0.0065	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-63-30-072516	7/25/2016	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-63-30-072516-DUP	7/25/2016	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-63-30-102416	10/24/2016	0.026			0.022			0.0028	J		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-020315	2/3/2015	0.01			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-64-5-042815	4/28/2015	0.0075	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0014	J	
		VMP-64-5-072415	7/24/2015	<0.012		U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0014	J		<0.06	U		0.0027	J	
		VMP-64-5-102615	10/26/2015	0.0052	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0014	J	
		VMP-64-5-012816	1/28/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-64-5-042616	4/26/2016	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	
		VMP-64-5-080216	8/2/2016	0.0054	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-64-5-080216-DUP	8/2/2016	0.0093	J		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0052	U	
		VMP-64-5-102416	10/24/2016	<0.0091	J	U	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
	10 ft	VMP-64-10-020315	2/3/2015	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-64-10-042815	4/28/2015	0.0072	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		0.0016	J	
		VMP-64-10-072415	7/24/2015	<0.0094	J	U	<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-64-10-102615	10/26/2015	0.0072	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0017	J	
		VMP-64-10-012816	1/28/2016	0.0062	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-64-10-042616	4/26/2016	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.00087	J		<0.057	U		0.0013	J	
		VMP-64-10-072216	7/22/2016	0.0055	J		<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		0.006			<0.046	U		0.0026	J	
		VMP-64-10-102416	10/24/2016	<0.0089	J	U	<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0042	U	
	20 ft	VMP-64-20-020315	2/3/2015	0.014			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.00098	J		<0.057	U		0.0018	J	
		VMP-64-20-042815	4/28/2015	<0.011	U		<0.0064	U		0.0051	J		<0.011	U		<0.01	U		<0.006	U		<0.063	U		0.0014	J	
		VMP-64-20-072415	7/24/2015	<0.01	J	U	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-64-20-102615	10/26/2015	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0015	J	
		VMP-64-20-012816	1/28/2016	0.0044	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0022	J		<0.057	U		0.0035	J	
		VMP-64-20-042616	4/26/2016	0.44		J	0.0086			0.008			<0.01	U		<0.0096	U		0.0091			<0.059	U		0.016		
		VMP-64-20-042616-DUP	4/26/2016	0.0096	J	J	0.0097			0.0085			<0.01	U		<0.0094	U		0.01			<0.057	U		0.018		
		VMP-64-20-072216	7/22/2016	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.00093	J	
		VMP-64-20-072216-DUP	7/22/2016	0.0098	J		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		0.0049	J		<0.06	U		<0.005	U	
		VMP-64-20-102416	10/24/2016	<0.0087	J	U	0.00077	J		<0.0056	U		<0.0088	U		<0.008	U		0.002	J		<0.049	U		0.004	J	
		VMP-64-20-102416-Dup	10/24/2016	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		0.0026	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-020915	2/9/2015	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0043	U					0.11			<0.0058	U	
		VMP-1-5-050515	5/5/2015	0.012	J		0.0042	J		<0.007	J	U	0.014			<0.0051	U					0.012	J		<0.007	J	U
		VMP-1-5-073015	7/30/2015	0.0088	J		<0.016	U		0.0055	J		0.0032	J		<0.0048	U					0.007	J		<0.0066	U	
		VMP-1-5-110315	11/3/2015	0.0014	J		0.0039	J		<0.0069	U		<0.0057	J	U	<0.005	U					0.018			<0.0069	U	
		VMP-1-5-020316	2/3/2016	0.0027	J		0.0028	J		0.0026	J		<0.0054	U		<0.0048	U					0.006	J		<0.0065	U	
		VMP-1-5-050316	5/3/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0047	U					0.0019	J		<0.0065	U	
		VMP-1-5-072516	7/25/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U					0.037			<0.0067	U	
		VMP-1-5-102816	10/28/2016	<0.02	U		0.0034	J		<0.0059	J	U	0.004	J		<0.017	U		<0.013	U		0.021			0.0022	J	
	8.5 ft	VMP-1-8-020915	2/9/2015	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0042	U					0.0067	J		<0.0058	U	
		VMP-1-8.5-050515	5/5/2015	0.0047	J		<0.016	U		<0.0068	U		0.0087			<0.005	U					0.014			<0.0068	U	
		VMP-1-8.5-073015	7/30/2015	0.004	J		<0.016	U		0.00079	J		0.0017	J		<0.0049	U					0.0054	J		<0.0067	U	
		VMP-1-8.5-110315	11/3/2015	<0.02	U		0.0058	J		<0.006	U		<0.005	J	U	<0.0044	U					0.0061	J		<0.006	U	
		VMP-1-8.5-020316	2/3/2016	0.0018	J		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.0077	J		<0.0068	U	
		VMP-1-8.5-050316	5/3/2016	0.001	J		0.02			<0.0069	U		<0.0058	U		<0.0051	U					0.0052	J		<0.0069	U	
		VMP-1-8.5-072516	7/25/2016	<0.02	U		0.025			<0.006	U		<0.005	U		<0.018	U					0.057			<0.006	U	
		VMP-1-8.5-102816	10/28/2016	<0.018	U		0.019			<0.0054	U		<0.0045	U		<0.016	U		<0.012	U		0.1			<0.0054	U	
	23.5 ft	VMP-1-23.5-020915	2/9/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0067	J		<0.006	U	
		VMP-1-23.5-050515	5/5/2015	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.0032	J		<0.0061	U	
		VMP-1-23.5-073015	7/30/2015	<0.025	U		<0.018	U		<0.0075	U		0.0018	J		<0.0055	U					<0.015	U		<0.0075	U	
		VMP-1-23.5-110315	11/3/2015	<0.021	U		0.0077	J		<0.0063	U		<0.0052	U		<0.0046	U					0.0028	J		<0.0063	U	
		VMP-1-23.5-020316	2/3/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0048	J		<0.0067	U	
		VMP-1-23.5-050316	5/3/2016	0.0013	J		<0.017	U		<0.007	U		<0.0059	U		<0.0052	U					0.0025	J		<0.007	U	
		VMP-1-23.5-050316-DUP	5/3/2016	0.0011	J		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.0018	J		<0.0068	U	
		VMP-1-23.5-072516	7/25/2016	<0.021	U		0.0049	J		<0.0063	U		<0.0053	U		<0.018	U					0.014			<0.0063	U	
		VMP-1-23.5-072516-DUP	7/25/2016	<0.023	U		0.0046	J		<0.0068	U		<0.0056	U		<0.02	U					0.0094	J		0.0017	J	
		VMP1-23.5-102816	10/28/2016	<0.02	U		0.065			0.0057	J		0.007			<0.018	U		<0.013	U		0.1			0.0055	J	
	38.5 ft	VMP-1-38.5-020915	2/9/2015	<2.2	U		33			<0.65	U		0.29	J		0.24	J					0.5	J		0.1	J	
		VMP-1-38.5-020915-DUP	2/9/2015	<2.1	U		30			<0.62	U		0.22	J		<0.46	U					<1.2	U		0.1	J	
		VMP-1-38.5-050515	5/5/2015	<2.2	U		200			<0.65	U		<0.54	U		<0.48	U					0.44	J		<0.65	U	
		VMP-1-38.5-061515-R	6/15/2015	<0.24	U		27			<0.072	U		<0.06	U		<0.052	U					<0.14	U		<0.072	U	
		VMP-1-38.5-073015	7/30/2015	0.0028	J		0.0059	J		0.0011	J		0.0018	J		<0.0053	U					0.017			<0.0072	U	
VMP-2	5 ft	VMP-2-5-021015	2/10/2015	<0.022	U		0.006	J		0.13			<0.0054	U		<0.0048	U					0.0041	J		0.21		
		VMP-2-5-050615	5/6/2015	0.0042	J		<0.017	U		<0.0072	U		<0.006	U		<0.0052	U					0.017		J	<0.0072	U	
		VMP-2-5-110415	11/4/2015	0.001	J		0.016			<0.0061	U		<0.0051	J	U	<0.0045	U					0.0069	J		<0.0061	U	
		VMP-2-5-020116	2/1/2016	<0.02	U		0.0032	J		<0.0059	U		<0.005	U		<0.0044	U					0.0097	J		<0.0059	U	
		VMP-2-5-042716	4/27/2016	<0.025	U		0.007	J		<0.0076	U		<0.0064	U		<0.0056	U					0.0073	J		<0.0076	U	
		VMP-2-5-072616	7/26/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U					0.0061	J		<0.0064	U	
		VMP-2-5-102616	10/26/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		<0.014	U		0.013	J		<0.0067	U	
	8.5 ft	VMP-2-8.5-021015	2/10/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-2-8.5-050615	5/6/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.065		J	<0.0068	U	
		VMP-2-8.5-110415	11/4/2015	0.001	J		0.0067	J		<0.0069	U		<0.0057	J	U	<0.005	U					0.03			<0.0069	U	
		VMP-2-8.5-021616	2/16/2016	0.0029	J		0.002	J		<0.0078	U		0.0015	J		0.0019	J					0.037			<0.0078	U	
		VMP-2-8.5-042716	4/27/2016	0.0019	J		<0.018	U		<0.0076	U		<0.0064	U		<0.0056	U					0.0067	J		<0.0076	U	
		VMP-2-8.5-072616	7/26/2016	<0.024	U		<0.017	U		0.0022	J		<0.006	U		<0.021	U					0.16			<0.0072	U	
		VMP-2-8.5-102616	10/26/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.014	U		0.0035	J		<0.0066	U	
	22 ft	VMP-2-22-021015	2/10/2015	<0.021	U		0.0085	J		<0.0063	U		<0.0053	U		<0.0046	U					0.038		J	<0.0063	U	
		VMP-2-22-021015-DUP	2/10/2015	<0.021	U		0.0061	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0039	J	J	<0.0062	U	
		VMP-2-22-050615	5/6/2015	0.0032	J		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					0.011	J	J	<0.0073	U	
		VMP-2-22-073015	7/30/2015	<0.022	ND,UJ	UJ	<0.016	U		<0.0065	U		0.0025	J		<0.0048	U					0.0028	J		<0.0065	U	
		VMP-2-22-110415	11/4/2015	0.0016	J		0.026			<0.0065	U		<0.0054	J	U	<0.0048	U					0.34			<0.0065	U	
		VMP-2-22-020116	2/1/2016	<0.023	U		0.0061	J		<0.0069	U		<0.0058	U		<0.0051	U					0.014			<0.0069	U	
		VMP-2-22-020116-DUP	2/1/2016	<0.024	U		0.0059	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0033	J		<0.0071	U	
		VMP-2-22-042716	4/27/2016	0.0016	J		<0.019	U		<0.0078	U		<0.0065	U		<0.0058	U					0.004	J		<0.0078	U	
		VMP-2-22-072616	7/26/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.021	U					0.012	J		<0.007	U	
		VMP-2-22-102616	10/26/2016	0.0041	J		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.014	U		0.013			<0.0066	U	
	42 ft	VMP-2-42-021015	2/10/2015	<19	U		20000			<5.8	U		<4.9	U		<4.3	U					<12	U		<5.8	U	
		VMP-2-42-050615	5/6/2015	<280	U		29000			<84	U		<70	U		<61	U					<170	U		<84	U	
		VMP-2-42-061515-R	6/15/2015	<220	U		45000	E	J	<67	U		<56	U		<49	U					<130	U		<67	U	
		VMP-2-42-073015	7/30/2015	<1300	U		32000			<400	U		<330	U		<290	U					<800	U		<400	U	
VMP-3	5 ft	VMP-3-5-020915	2/9/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0067	J		<0.006	U	
		VMP-3-5-050415	5/4/2015	<0.023	U		0.0022	J		<0.007	U		0.0069			<0.0051	U					0.02			<0.007	U	
		VMP-3-5-072915	7/29/2015	0.0036	J		0.011	J		0.0028	J		0.0039	J		<0.0047	U					0.024			<0.0064	U	
		VMP-3-5-110515	11/5/2015	0.0033	J		0.0069	J		0.018			<0.0046	U		<0.004	U					0.0094	J		0.046		
		VMP-3-5-021616	2/16/2016	<0.019	U		0.025			<0.0057	U		0.001	J		<0.0042	U					0.096			<0.0057	U	
		VMP-3-5-042716	4/27/2016	<0.021	U		0.022			<0.0064	U		<0.0053	U		<0.0047	U					0.019			<0.0064	U	
		VMP-3-5-080116	8/1/2016	<0.032	U		0.0052	J		<0.0096	U		<0.008	U		<0.028	U					0.0084	J		<0.0096	U	
		VMP-3-5-102616	10/26/2016	<0.023	U		<0.016	U		<0.0068	U		0.0019	J		<0.02	U		<0.014	U		0.012	J		<0.0068	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10-020915	2/9/2015	<0.018	U		0.01	J		<0.0055	U		<0.0046	U		<0.004	U					0.015			<0.0055	U	
		VMP-3-10-050415	5/4/2015	0.0075	J		0.0027	J		<0.0071	J	U	0.013			<0.0052	U					0.017			<0.0071	J	U
		VMP-3-10-072915	7/29/2015	0.0036	J		0.0021	J		<0.006	J	U	0.0027	J		<0.0044	U					0.036			<0.006	U	
		VMP-3-10-110315	11/3/2015	0.0011	J		<0.016	U		<0.0068	U		<0.0057	J	U	0.00094	J					0.0094	J		<0.0068	U	
		VMP-3-10-021616	2/16/2016	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.13			<0.0061	U	
		VMP-3-10-042716	4/27/2016	<0.024	U		0.023			0.003	J		<0.0061	U		<0.0054	U					0.024			<0.0074	U	
		VMP-3-10-080216	8/2/2016	<0.023	U		0.0055	J		<0.0068	U		<0.0056	U		<0.02	U					0.018			<0.0068	U	
		VMP-3-10-102616	10/26/2016	<0.026	U		0.0045	J		<0.0077	J	U	0.0027	J		<0.022	U		0.0017	J	J	0.018			<0.0077	U	
	22 ft	VMP-3-22-020915	2/9/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.011	J		<0.006	U	
		VMP-3-22-050815	5/8/2015	0.0034	J		0.0075	J		<0.0069	U		0.004	J		<0.0051	U					0.011	J		<0.0069	U	
		VMP-3-22-072915	7/29/2015	0.009	J		0.026			0.0078			0.0048	J		<0.0052	U					0.0084	J		<0.0071	U	
		VMP-3-22-110315	11/3/2015	0.002	J		0.002	J		<0.0064	U		<0.0053	J	U	<0.0047	U					0.0057	J		<0.0064	U	
		VMP-3-22-021616	2/16/2016	<0.023	U		0.0016	J		<0.007	U		0.0016	J		<0.0051	U					0.024			<0.007	U	
		VMP-3-22-042716	4/27/2016	<0.022	U		<0.016	U		0.0012	J		<0.0054	U		<0.0048	U					0.016			<0.0065	U	
		VMP-3-22-080116	8/1/2016	<0.029	U		0.014	J		0.0036	J		<0.0072	U		<0.025	U					0.011	J		<0.0087	U	
		VMP-3-22-102616	10/26/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		<0.015	U		0.014			0.0011	J	
	31.5 ft	VMP-3-31.5-020915	2/9/2015	<0.018	U		<0.013	U		<0.0056	U		<0.0046	U		<0.0041	U					0.0057	J		<0.0056	U	
		VMP-3-31.5-110315	11/3/2015	0.0092	J		0.044			<0.0063	U		<0.0053	U		<0.0046	U					0.028			<0.0063	U	
		VMP-3-31.5-020116	2/1/2016	<0.028	U		0.03			<0.0083	U		<0.0069	U		<0.0061	U					0.0082	J		<0.0083	U	
		VMP-3-31.5-042716	4/27/2016	<0.021	U		0.017			<0.0063	U		<0.0052	U		<0.0046	U					0.0091	J		<0.0063	U	
		VMP-3-31.5-080116	8/1/2016	<0.024	U		0.0084	J		<0.0074	U		<0.0061	U		<0.022	U					0.0097	J		<0.0074	U	
		VMP-3-31.5-102616	10/26/2016	<0.019	U		0.012	J		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		0.01	J		<0.0058	U	
	39 ft	VMP-3-39-020915	2/9/2015	<65	U		900			<20	U		<16	U		<14	U					<39	U		<20	U	
		VMP-3-39-110315	11/3/2015	0.0019	J		0.017			<0.0061	U		<0.0051	J	U	<0.0045	U					0.012			<0.0061	U	
		VMP-3-39-020116	2/1/2016	<0.023	U		0.024			<0.0069	U		<0.0058	U		<0.0051	U					0.0047	J		<0.0069	U	
		VMP-3-39-020116-DUP	2/1/2016	<0.023	U		0.03			<0.0068	U		<0.0056	U		<0.005	U					0.0034	J		<0.0068	U	
VMP-4	5 ft	VMP-4-5-021015	2/10/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0029	J		<0.0063	U	
		VMP-4-5-110215	11/2/2015	<0.023	U		0.0047	J		<0.0069	U		<0.0058	U		<0.0051	U					0.005	J		<0.0069	U	
		VMP-4-5-020316	2/3/2016	0.0021	J		0.0024	J		0.0018	J		<0.0051	U		<0.0045	U					0.0052	J		<0.0061	U	
		VMP-4-5-050516	5/5/2016	<0.96	U		30			0.052	J		<0.24	U		<0.21	U					<0.58	U		0.14	J	
		VMP-4-5-080216	8/2/2016	<0.022	U		0.016	J		<0.0066	U		<0.0055	U		<0.019	U					0.013			<0.0066	U	
		VMP-4-5-102816	10/28/2016	<0.021	U		0.0036	J		<0.0064	J	U	0.0032	J		<0.019	U		<0.014	U		0.019			0.002	J	
	12 ft	VMP-4-12-021015	2/10/2015	<0.021	U		0.0086	J		<0.0064	U		<0.0053	U		<0.0047	U					0.0036	J		<0.0064	U	
		VMP-4-12-051115	5/11/2015	0.001	J		0.006	J		<0.0058	U		0.0011	J		<0.0042	U					0.0087	J		<0.0058	U	
		VMP-4-12-080315	8/3/2015	<0.025	U		<0.018	U		<0.0074	U		0.0018	J		<0.0054	U					<0.015	U		<0.0074	U	
		VMP-4-12-110215	11/2/2015	<0.024	U		0.0033	J		<0.0071	U		<0.0059	U		<0.0052	U					0.013	J		<0.0071	U	
		VMP-4-12-020316	2/3/2016	<0.021	U		0.0049	J		<0.0062	U		<0.0052	U		<0.0046	U					0.023			<0.0062	U	
		VMP-4-12-050316	5/3/2016	0.0016	J		0.0044	J		<0.0068	U		0.0017	J		<0.005	U					0.0031	J		<0.0068	U	
		VMP-4-12-080216	8/2/2016	<0.027	U		<0.019	U		<0.0081	U		<0.0067	U		<0.024	U					0.016			<0.0081	U	
		VMP-4-12-102816	10/28/2016	<0.022	U		0.004	J		<0.0067	U		<0.0056	U		<0.02	U		<0.014	U		0.015			<0.0067	U	
	23.5 ft	VMP-4-23.5-021015	2/10/2015	<2.4	U		100			<0.72	U		<0.6	U		<0.53	U					0.5	J		0.12	J	
		VMP-4-23.5-050815	5/8/2015	<2.3	U		99			<0.68	U		<0.57	U		<0.5	U					0.28	J		<0.68	U	
		VMP-4-23.5-061515-R	6/15/2015	<0.24	U		130	E	J	<0.073	U		<0.061	U		0.026	J	J				<0.15	U		<0.073	U	
		VMP-4-23.5-073015	7/30/2015	<0.91	U		66			<0.27	U		<0.23	U		<0.2	U					<0.54	U		<0.27	U	
		VMP-4-23.5-110215	11/2/2015	<0.45	U		54			<0.14	U		<0.11	U		<0.099	ND,UJ	UJ				<0.27	U		<0.14	U	
		VMP-4-23.5-020316	2/3/2016	<3.9	U		42			<1.2	U		<0.97	U		<0.85	U					<2.3	U		<1.2	U	
		VMP-4-23.5-020316-DUP	2/3/2016	<3.7	U		36			<1.1	U		<0.93	U		<0.82	U					<2.2	U		<1.1	U	
		VMP-4-23.5-050316	5/3/2016	<0.3	U		31		J	<0.09	U		<0.075	U		<0.066	U					<0.18	U		<0.09	U	
		VMP-4-23.5-080216	8/2/2016	<1.1	U		82			<0.33	U		0.96			<0.97	U					0.23	J		<0.33	U	
		VMP-4-23.5-080216-DUP	8/2/2016	<1.1	U		81			<0.34	U		0.97			<1	U					0.24	J		<0.34	U	
		VMP-4-23.5-092316-DUP-R	9/23/2016	<0.24	U		54		J	0.014	J	J	<0.061	U		<0.054	U					0.039	J	J	<0.073	U	
		VMP-4-23.5-092316-R	9/23/2016	<0.26	U		56		J	<0.079	U		<0.066	U		<0.058	U					0.048	J	J	<0.079	U	
		VMP-4-23.5-102816	10/28/2016	<0.23	U		46			0.022	J		<0.058	U		<0.051	U		<0.3	U		<0.14	U		<0.069	U	
VMP-5	5 ft	VMP-5-5-013015	1/30/2015	<0.022	U		0.0029	J		<0.0065	U		<0.0054	U		<0.0048	U					0.016			<0.0065	J	U
		VMP-5-5-042915	4/29/2015	0.01	J		0.012	J		0.0023	J		0.0088			<0.0048	J	U				2.9	E	J	<0.0065	U	
		VMP-5-5-072915	7/29/2015	<0.028	U		<0.02	U		<0.0086	U		<0.0071	U		<0.0063	U					0.0042	J		<0.0086	U	
		VMP-5-5-102915	10/29/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-5-5-012516	1/25/2016	<0.021	U		0.005	J		<0.0063	U		<0.0053	U		<0.0046	U					0.017			0.0023	J	
		VMP-5-5-042816	4/28/2016	0.0016	J	J	<0.016	U		0.00044	J		<0.0058	U		<0.0051	U					0.013	J		<0.0069	U	
		VMP-5-5-072816	7/28/2016	<0.024	U		0.0034	J		<0.007	U		<0.0059	U		<0.021	U					0.0063	J		<0.007	U	
		VMP-5-5-102516	10/25/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		<0.015	U		0.012	J		<0.0068	U	
	12.5 ft	VMP-5-12.5-013015	1/30/2015	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.008	J		<0.0061	U	
		VMP-5-12.5-042915	4/29/2015	0.0026	J		0.0023	J		<0.007	U		<0.0058	J	U	<0.0052	J	U				0.44			<0.007	U	
		VMP-5-12.5-072915	7/29/2015	<0.026	U		0.01	J		<0.0077	U		<0.0064	U		<0.0057	U					0.013	J		<0.0077	U	
		VMP-5-12.5-102915	10/29/2015	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	J	U	<0.0071	U	
		VMP-5-12.5-012516	1/25/2016	<0.021	U		0.0012	J		<0.0064	U		<0.0053	U		<0.0047	U					0.016			<0.0064	U	
		VMP-5-12.5-042816	4/28/2016	<0.022	ND,UJ	UJ	<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0045	J		<0.0067	U	
		VMP-5-12.5-072816	7/28/2016	<0.024	U		0.0027	J		<0.0073	U		<0.0061	U		<0.021	U					0.0032	J		<0.0073	U	
		VMP-5-12.5-102516	10/26/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		0.018			<0.0062	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31-013015	1/30/2015	<0.025	U		0.0044	J		<0.0075	J	U	<0.0062	U		<0.0055	U					0.015			<0.0075	J	U
		VMP-5-31-042915	4/29/2015	0.0015	J		0.0057	J		<0.0068	U		<0.0056	J	U	<0.005	U					0.21			<0.0068	U	
		VMP-5-31-072915	7/29/2015	0.0039	J		0.0024	J		0.0011	J		0.0037	J		<0.0052	U					0.005	J		<0.007	U	
		VMP-5-31-102915	10/29/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	J	U	<0.0065	U	
		VMP-5-31-030916-R	3/9/2016	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.0045	J		<0.0061	U	
		VMP-5-31-042816	4/28/2016	<0.025	ND,UJ	UJ	0.0033	J		0.00066	J		<0.0062	U		<0.0055	U					0.0045	J		<0.0075	U	
		VMP-5-31-072816	7/28/2016	<0.023	U		<0.017	U		0.001	J		<0.0058	U		<0.02	U					0.016			<0.0069	U	
		VMP-5-31-102516	10/26/2016	<0.023	U		0.0056	J		<0.0068	U		<0.0057	U		<0.02	U		<0.014	U		0.033			<0.0068	U	
	40 ft	VMP-5-40-013015	1/30/2015	<0.022	U		0.0069	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0092	J		<0.0065	U	
		VMP-5-40-042915	4/29/2015	0.0019	J		0.0076	J		<0.007	U		<0.0058	J	U	<0.0051	U					0.054			<0.007	U	
		VMP-5-40-072915	7/29/2015	<0.023	U		0.004	J		<0.0068	U		<0.0057	U		<0.005	U					0.0032	J		<0.0068	U	
		VMP-5-40-102915	10/29/2015	<0.021	U		0.0067	J		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	J	U	<0.0062	U	
		VMP-5-40-012516	1/25/2016	<0.02	U		0.067			<0.006	U		<0.005	U		<0.0044	U					0.0093	J		<0.006	U	
		VMP-5-40-012516-DUP	1/25/2016	<0.02	U		0.071			<0.0061	U		<0.0051	U		<0.0045	U					0.0067	J		<0.0061	U	
		VMP-5-40-042816	4/28/2016	0.0032	J	J	0.0036	J		0.00051	J		<0.0059	U		<0.0052	U					0.0058	J		<0.0071	U	
		VMP-5-40-072816	7/28/2016	<0.022	U		0.028			<0.0065	U		<0.0054	U		<0.019	U					0.0062	J		<0.0065	J	U
		VMP-5-40-102516	10/26/2016	<0.02	U		0.0072	J		<0.0061	U		<0.0051	U		<0.018	U		<0.013	U		0.016			<0.0061	U	
VMP-6	5 ft	VMP-6-5-020915	2/9/2015	<0.02	U		0.01	J		<0.0059	U		<0.0049	U		<0.0043	U					0.0066	J		<0.0059	U	
		VMP-6-5-042915	4/29/2015	0.0012	J		<0.015	U		<0.0064	U		<0.0054	J	U	<0.0047	U					0.013			<0.0064	U	
		VMP-6-5-072715	7/27/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0057	J	U	<0.005	U					0.0026	J		<0.0068	U	
		VMP-6-5-102915	10/29/2015	0.0017	J		0.0039	J		<0.0062	U		<0.0052	J	U	<0.0045	U					0.0045	J		<0.0062	U	
		VMP-6-5-020116	2/1/2016	<0.024	U		0.0041	J		<0.007	U		<0.0059	U		<0.0052	U					0.056			<0.007	U	
		VMP-6-5-042516	4/25/2016	<0.024	U		0.0021	J		<0.0073	U		<0.0061	U		<0.0053	U					0.0026	J		<0.0073	U	
		VMP-6-5-072816	7/28/2016	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.022	U					<0.015	U		<0.0075	U	
		VMP-6-5-102816	10/28/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		<0.014	U		0.0053	J		<0.0068	U	
	10 ft	VMP-6-10-020915	2/9/2015	<0.02	U		0.0077	J		<0.006	U		<0.005	U		<0.0044	U					0.014			<0.006	U	
		VMP-6-10-042915	4/29/2015	<0.023	U		0.0096	J		<0.0068	U		<0.0057	J	U	<0.005	U					0.014			<0.0068	U	
		VMP-6-10-072715	7/27/2015	<0.024	U		<0.017	U		<0.007	U		<0.0059	J	U	<0.0052	U					<0.014	U		<0.007	U	
		VMP-6-10-102915	10/29/2015	<0.02	U		<0.015	U		<0.0062	U		<0.0051	J	U	<0.0045	U					0.0042	J		<0.0062	U	
		VMP-6-10-020116	2/1/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.035			<0.0071	U	
		VMP-6-10-042516	4/25/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.0081	J		<0.0071	U	
		VMP-6-10-072816	7/28/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U					<0.013	U		<0.0067	U	
		VMP-6-10-102816	10/28/2016	<0.022	U		0.0061	J		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.023			<0.0065	U	
	31.5 ft	VMP-6-31.5-020915	2/9/2015	<0.021	U		0.0062	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0081	J		<0.0062	U	
		VMP-6-31.5-042915	4/29/2015	<0.021	U		0.005	J		<0.0063	U		<0.0052	J	U	<0.0046	U					0.0033	J		<0.0063	U	
		VMP-6-31.5-042915-DUP	4/29/2015	<0.025	U		0.0054	J		<0.0076	U		<0.0063	J	U	<0.0056	U					0.0031	J		<0.0076	U	
		VMP-6-31.5-072715	7/27/2015	<0.024	U		0.0033	J		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-6-31.5-112515	11/25/2015	<0.039	U		0.0089	J		0.014			<0.0097	U		<0.0085	U					0.027			0.04		
		VMP-6-31.5-020116	2/1/2016	<0.022	U		0.0052	J		<0.0066	U		<0.0055	U		<0.0048	U					0.05			0.0018	J	
		VMP-6-31.5-042516	4/25/2016	<0.024	U		0.023			0.0022	J		<0.0061	U		<0.0053	U					0.0037	J		0.0048	J	
		VMP-6-31.5-072816	7/28/2016	<0.025	U		0.017	J		0.0034	J		<0.0063	U		<0.022	U					0.0056	J		0.0067	J	
		VMP-6-31.5-102816	10/28/2016	<0.034	U		0.012	J		0.0072	J		0.013			<0.03	U		<0.022	U		0.15			0.0042	J	
	39 ft	VMP-6-39-020915	2/9/2015	<0.019	U		0.0092	J		<0.0057	U		<0.0048	U		<0.0042	U					0.0066	J		<0.0057	U	
		VMP-6-39-020915-DUP	2/9/2015	<0.018	U		0.0084	J		<0.0055	U		<0.0046	U		<0.004	U					0.018			<0.0055	U	
		VMP-6-39-042915	4/29/2015	<0.02	U		0.0013	J		<0.0059	U		<0.0049	J	U	<0.0043	U					<0.012	J	U	<0.0059	U	
		VMP-6-39-072715	7/27/2015	<0.022	U		0.0054	J		<0.0066	U		<0.0055	J	U	<0.0049	U					<0.013	U		<0.0066	U	
		VMP-6-39-072715-DUP	7/27/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-6-39-102915	10/29/2015	<0.071	U		5			<0.021	U		0.0097	J		<0.016	U					0.0043	J		<0.021	U	
		VMP-6-39-102915-DUP	10/29/2015	<0.072	U		5.6			<0.022	U		0.0099	J		<0.016	U					<0.043	U		<0.022	U	
		VMP-6-39-020116	2/1/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.011	J		<0.0065	U	
		VMP-6-39-020116-DUP	2/1/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.012	J		<0.0065	U	
		VMP-6-39-042516	4/25/2016	<0.025	U		0.46			<0.0076	U		<0.0064	U		<0.0056	U					0.022			0.0018	J	
		VMP-6-39-072816	7/28/2016	<0.027	U		0.0054	J		<0.008	U		<0.0067	U		<0.024	U					<0.016	U		<0.008	U	
		VMP-6-39-102816	10/28/2016	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.011	J		<0.006	U	
VMP-7	5 ft	VMP-7-5-020215	2/2/2015	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U					<0.015	J	U	<0.0074	U	
		VMP-7-5-043015	4/30/2015	<0.025	U		<0.018	U		<0.0075	U		<0.0062	J	U	<0.0055	U					0.0024	J		<0.0075	U	
		VMP-7-5-072715	7/27/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0047	U					<0.013	U		<0.0065	U	
		VMP-7-5-102815	10/28/2015	0.03		J	0.01	J		0.0064			<0.0049	U		<0.0043	U					0.029			<0.0058	U	
		VMP-7-5-012716	1/27/2016	<0.022	U		0.0064	J		<0.0065	U		<0.0054	U		<0.0048	U					0.012	J		<0.0065	U	
		VMP-7-5-042916	4/29/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0016	J		<0.0069	U	
		VMP-7-5-072616	7/26/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					0.0076	J		<0.0072	U	
		VMP-7-5-102516	10/25/2016	<0.02	U		0.0038	J		0.00038	J		<0.005	U		<0.017	U		<0.013	U		0.012			<0.0059	U	
	13.5 ft	VMP-7-13.5-020215	2/2/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	J	U	<0.0065	U	
		VMP-7-13.5-043015	4/30/2015	0.0016	J		<0.019	U		<0.0078	U		<0.0065	J	U	<0.0057	U					0.0023	J		<0.0078	U	
		VMP-7-13.5-072715	7/27/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0038	J		<0.0063	U	
		VMP-7-13.5-102815	10/28/2015	<0.023	U		0.0036	J		<0.0068	U		<0.0056	U		<0.005	U					0.0046	J		<0.0068	U	
		VMP-7-13.5-012716	1/27/2016	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.0043	U					0.0032	J		<0.0058	U	
		VMP-7-13.5-042916	4/29/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					0.017			<0.0069	U	
		VMP-7-13.5-072616	7/26/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U					0.024			<0.0063	U	
		VMP-7-13.5-102516	10/25/2016	<0.02	U		0.0056	J		<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.025			<0.006	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5-020215	2/2/2015	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.004	U					<0.011	J	U	<0.0054	U	
		VMP-7-29.5-043015	4/30/2015	0.0013	J		0.0026	J		<0.0067	U		0.0016	J		<0.0049	U					0.0053	J		<0.0067	U	
		VMP-7-29.5-072715	7/27/2015	<0.022	U		<0.016	U		<0.0067	U		0.0029	J		<0.0049	U					0.0074	J		<0.0067	U	
		VMP-7-29.5-102815	10/28/2015	<0.024	U		0.0048	J		<0.0073	U		<0.0061	U		<0.0053	U					0.0035	J		<0.0073	U	
		VMP-7-29.5-012716	1/27/2016	<0.021	U		0.0023	J		<0.0064	U		<0.0053	U		<0.0047	U					0.0028	J		<0.0064	U	
		VMP-7-29.5-042916	4/29/2016	<0.041	U		<0.029	U		<0.012	U		<0.01	U		<0.009	U					0.012	J		<0.012	U	
		VMP-7-29.5-072616	7/26/2016	<0.021	U		0.0056	J		<0.0064	U		<0.0053	U		<0.019	U					0.024			<0.0064	U	
		VMP-7-29.5-102516	10/25/2016	<0.02	U		0.0053	J		<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.017			<0.006	U	
	38 ft	VMP-7-38-020215	2/2/2015	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					<0.014	J	U	<0.0069	U	
		VMP-7-38-043015	4/30/2015	0.0014	J		0.0014	J		<0.0069	U		<0.0058	J	U	<0.0051	U					0.0014	J		0.0015	J	
		VMP-7-38-072715	7/27/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-7-38-102815	10/28/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.0048	J		<0.0068	U	
		VMP-7-38-102815-DUP	10/28/2015	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.0043	U					0.0032	J		<0.0058	U	
		VMP-7-38-012716	1/27/2016	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.0043	U					0.0051	J		<0.0058	U	
		VMP-7-38-012716-DUP	1/27/2016	<0.024	U		0.015	J		<0.0073	U		<0.0061	U		<0.0054	U					0.021			<0.0073	U	
		VMP-7-38-042916	4/29/2016	<0.023	U		0.0018	J		<0.0069	U		<0.0058	U		<0.0051	U					0.0019	J		0.0029	J	
		VMP-7-38-042916-DUP	4/29/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0027	J		0.0028	J	
		VMP-7-38-072616	7/26/2016	<0.026	U		<0.019	U		<0.0078	U		<0.0065	U		<0.023	U					0.011	J		<0.0078	U	
		VMP-7-38-072616-DUP	7/26/2016	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.022	U					0.011	J		<0.0074	U	
		VMP-7-38-102516	10/25/2016	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.013	U		0.005	J		<0.0059	U	
		VMP-7-38-102516-Dup	10/25/2016	<0.042	U		<0.031	U		<0.013	U		<0.011	U		<0.037	U		<0.027	U		0.0064	J		<0.013	U	
VMP-8	5 ft	VMP-8-5-020915	2/9/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		0.0024	J	
		VMP-8-5-042715	4/27/2015	<0.019	U		<0.014	U		<0.0057	U		<0.0047	U		<0.0042	U					0.013			<0.0057	J	U
		VMP-8-5-072815	7/28/2015	<0.021	U		0.016			<0.0062	U		0.0016	J		<0.0046	U					0.032			<0.0062	U	
		VMP-8-5-102715	10/27/2015	0.0049	J	J	<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0027	J		<0.0065	U	
		VMP-8-5-012716	1/27/2016	<0.019	U		0.02			<0.0058	U		<0.0048	U		<0.0042	U					0.031			<0.0058	U	
		VMP-8-5-042916	4/29/2016	<0.023	U		0.0038	J		<0.0068	U		<0.0056	U		<0.005	U					0.0083	J		<0.0068	U	
		VMP-8-5-072916	7/29/2016	<0.023	U		0.0025	J		<0.0069	U		<0.0058	U		<0.02	U					0.014	J		<0.0069	U	
		VMP-8-5-102516	10/25/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		0.023			<0.0062	U	
	9.5 ft	VMP-8-9.5-020915	2/9/2015	<0.02	U		0.013	J		<0.0059	U		<0.005	U		<0.0044	U					<0.012	U		<0.0059	U	
		VMP-8-9.5-042715	4/27/2015	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					0.006	J		<0.0059	U	
		VMP-8-9.5-072815	7/28/2015	<0.025	U		<0.018	U		<0.0075	U		0.002	J		<0.0055	U					0.0061	J		<0.0075	U	
		VMP-8-9.5-102715	10/27/2015	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					0.023			<0.0073	U	
		VMP-8-9.5-012716	1/27/2016	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0043	U					<0.012	J	U	<0.0058	U	
		VMP-8-9.5-042916	4/29/2016	0.00091	J		<0.013	U		<0.0055	U		<0.0046	U		<0.004	U					0.0041	J		<0.0055	U	
		VMP-8-9.5-072916	7/29/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U					<0.014	U		<0.0068	U	
		VMP-8-9.5-102516	10/25/2016	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		0.012			<0.0059	U	
	23.5 ft	VMP-8-23.5-020915	2/9/2015	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					<0.012	U		<0.0059	U	
		VMP-8-23.5-050515-R	5/5/2015	<0.022	U		0.0017	J		<0.0065	J	U	<0.0054	U		<0.0047	U					0.025			<0.0065	U	
		VMP-8-23.5-072815	7/28/2015	<0.02	U		0.024			<0.0059	U		<0.0049	U		<0.0043	U					0.056			<0.0059	U	
		VMP-8-23.5-102715	10/27/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-8-23.5-012716	1/27/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0049	U					<0.013		U	<0.0066	U	
		VMP-8-23.5-042916	4/29/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-8-23.5-072916	7/29/2016	<0.018	U		<0.013	U		0.001	J		<0.0046	U		<0.016	U					0.01	J		0.0038	J	
		VMP-8-23.5-072916-DUP	7/29/2016	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U					0.0066	J		0.0039	J	
		VMP-8-23.5-102516	10/25/2016	0.0021	J		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.014	U		0.0054	J		<0.0064	U	
	35.5 ft	VMP-8-35.5-020915	2/9/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-8-35.5-042715	4/27/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.0042	J		<0.0062	U	
		VMP-8-35.5-072815	7/28/2015	<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.0052	U					0.038		J	<0.007	U	
		VMP-8-35.5-072815-DUP	7/28/2015	0.0024	J		0.0021	J		<0.0063	U		<0.0052	U		<0.0046	U					0.004	J	J	<0.0063	U	
		VMP-8-35.5-012816	1/28/2016	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					0.032			<0.0073	U	
		VMP-8-35.5-012816-DUP	1/28/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.042			<0.0066	U	
		VMP-8-35.5-042916	4/29/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.002	J		<0.0066	U	
		VMP-8-35.5-080316	8/3/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U					0.012			<0.0062	U	
		VMP-8-35.5-102516	10/25/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.0079	J		<0.0065	U	
		VMP-8-35.5-102516-Dup	10/25/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U		<0.014	U		0.011	J		<0.0064	U	
VMP-9	5 ft	VMP-9-5-021115	2/11/2015	<0.022	U		0.0031	J		<0.0067	J	U	<0.0056	U		<0.0049	U					0.0033	J		0.0036	J	
		VMP-9-5-050415	5/4/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.22			<0.0068	U	
		VMP-9-5-072815	7/28/2015	<0.023	U		0.084			<0.0069	U		<0.0058	U		<0.0051	U					0.0043	J		<0.0069	U	
		VMP-9-5-102815	10/28/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					<0.013	J	U	<0.0063	U	
		VMP-9-5-012816	1/28/2016	<0.021	U		0.003	J		<0.0062	U		<0.0052	U		<0.0046	U					0.14			<0.0062	U	
		VMP-9-5-042816	4/28/2016	<0.023	ND,UJ	UJ	<0.017	U		<0.007	U		<0.0058	U		<0.0052	U					0.0047	J		<0.007	U	
		VMP-9-5-080116	8/1/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U					0.018			<0.0068	U	
		VMP-9-5-102516	10/25/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.014	U		0.035			<0.0064	U	
		VMP-9-5-120916	12/9/2016	<0.02	U		0.037			<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.015			<0.006	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	11.5 ft	VMP-9-11.5-021115	2/11/2015	<0.022	U		0.0096	J		<0.0066	J	U	<0.0055	U		<0.0049	U					0.0068	J		<0.0066	U	
		VMP-9-11.5-050415	5/4/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.036			<0.0065	U	
		VMP-9-11.5-072815	7/28/2015	<0.022	U		0.038			<0.0067	U		<0.0056	U		<0.0049	U					0.004	J		<0.0067	U	
		VMP-9-11.5-102815	10/28/2015	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					<0.012	U		<0.0061	U	
		VMP-9-11.5-012816	1/28/2016	<0.023	U		0.0024	J		<0.007	U		<0.0058	U		<0.0052	U					0.26			<0.007	U	
		VMP-9-11.5-042816	4/28/2016	<0.021	ND,UJ	UJ	0.0032	J		<0.0064	U		<0.0053	U		<0.0047	U					0.0021	J		<0.0064	U	
		VMP-9-11.5-080116	8/1/2016	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.021	U					0.041			<0.0073	U	
		VMP-9-11.5-080116-DUP	8/1/2016	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.021	U					0.032			<0.0073	U	
		VMP-9-11.5-102516	10/25/2016	<0.02	U		0.01	J		<0.0061	U		<0.0051	U		<0.018	U		<0.013	U		0.012	J		<0.0061	U	
		VMP-9-11.5-120916	12/9/2016	<0.021	U		0.005	J		<0.0064	U		<0.0053	U		<0.019	U		<0.014	U		0.0046	J		<0.0064	U	
	25.5 ft	VMP-9-25.5-021115	2/11/2015	<0.02	U		0.014	J		<0.0061	U		<0.0051	U		<0.0045	U					0.004	J		<0.0061	U	
		VMP-9-25.5-050415	5/4/2015	<0.022	U		1.8			<0.0065	U		<0.0054	U		<0.0048	U					0.15		J	<0.0065	U	
		VMP-9-25.5-052915-R	5/29/2015	<0.023	U		0.0016	J		<0.0069	U		<0.0058	U		<0.0051	U					0.0015	J		<0.0069	U	
		VMP-9-25.5-072815	7/28/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					<0.013	U		<0.0063	U	
		VMP-9-25.5-102815	10/28/2015	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.0043	U					<0.012	J	U	<0.0058	U	
		VMP-9-25.5-012816	1/28/2016	<0.024	U		0.0025	J		0.0019	J		<0.006	U		<0.0053	U					0.2			0.0053	J	
		VMP-9-25.5-042816	4/28/2016	<0.021	ND,UJ	UJ	<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.028			<0.0063	U	
		VMP-9-25.5-080116	8/1/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U					0.025			<0.0067	U	
		VMP-9-25.5-102516	10/25/2016	<0.02	U		0.0048	J		<0.0062	U		<0.0051	U		<0.018	U		<0.013	U		0.018			<0.0062	U	
		VMP-9-25.5-120916	12/9/2016	<0.019	U		0.0027	J		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		0.016			<0.0058	U	
	38.5 ft	VMP-9-38.5-050415	5/4/2015	<0.12	U		12		J	<0.036	U		<0.03	U		<0.027	U					0.2			<0.036	U	
		VMP-9-38.5-050415-DUP	5/4/2015	<0.015	U		0.39		J	<0.0044	U		<0.0037	U		<0.0032	U					0.13			0.00075	J	
		VMP-9-38.5-052915-R	5/29/2015	0.0027	J		0.0016	J		<0.0071	U		0.0014	J		<0.0052	U					0.0036	J		<0.0071	U	
		VMP-9-38.5-072815	7/28/2015	<0.018	U		0.035			<0.0054	J	U	<0.0045	U		<0.004	U					0.038			<0.0054	U	
		VMP-9-38.5-102815	10/28/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					<0.014	J	U	<0.0068	U	
		VMP-9-38.5-012816	1/28/2016	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0042	U					0.0091	J		<0.0058	U	
		VMP-9-38.5-042816	4/28/2016	<0.021	ND,UJ	UJ	<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					0.0015	J		<0.0064	U	
		VMP-9-38.5-072916	7/29/2016	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.022	U					0.01	J		<0.0074	U	
		VMP-9-38.5-102516	10/25/2016	0.0012	J		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		<0.014	U		0.012	J		<0.0068	U	
		VMP-9-38.5-120916	12/9/2016	<0.018	U		0.0057	J		0.00072	J		<0.0046	U		<0.016	U		<0.012	U		0.023			0.0017	J	
VMP-10	5 ft	VMP-10-5-020515	2/5/2015	<0.02	U		0.0052	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0061	J		<0.0061	U	
		VMP-10-5-043015	4/30/2015	0.0017	J		<0.016	U		<0.0067	U		0.0016	J		<0.0049	U					0.0063	J		<0.0067	U	
		VMP-10-5-072815	7/28/2015	<0.023	U		0.018			<0.0069	U		<0.0058	U		<0.0051	U					0.007	J		<0.0069	U	
		VMP-10-5-103015	10/30/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0075	J		<0.0062	U	
		VMP-10-5-012916	1/29/2016	<0.022	U		0.0033	J		<0.0065	U		<0.0054	U		<0.0047	U					0.0075	J		<0.0065	U	
		VMP-10-5-050216	5/2/2016	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0036	J		<0.0069	U	
		VMP-10-5-082616	8/26/2016	<0.022	U		0.0032	J		<0.0065	U		0.0013	J		<0.019	U					0.027			<0.0065	U	
		VMP-10-5-110216	11/2/2016	<0.021	U		0.005	J		<0.0064	U		0.0021	J		<0.019	U		0.01	J	J	0.015			0.0014	J	
	10 ft	VMP-10-10-020515	2/5/2015	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.011	J		<0.0061	U	
		VMP-10-10-043015	4/30/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	J	U	<0.0046	U					0.0063	J		<0.0063	U	
		VMP-10-10-072815	7/28/2015	<0.024	U		0.0041	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0074	J		<0.0071	U	
		VMP-10-10-103015	10/30/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.0088	J		<0.0063	U	
		VMP-10-10-021616	2/16/2016	0.0012	J		0.0037	J		<0.0066	U		0.00079	J		<0.0048	U					0.012	J		<0.0066	U	
		VMP-10-10-050216	5/2/2016	<0.026	U		0.0036	J		<0.0077	U		<0.0064	U		<0.0056	U					0.0039	J		<0.0077	U	
		VMP-10-10-072816	7/28/2016	0.0043	J		<0.016	U		<0.0068	U		0.0064			<0.02	U					0.034			<0.0068	U	
		VMP-10-10-110216	11/2/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		<0.015	U		<0.014	U		<0.0068	U	
	20 ft	VMP-10-20-020515	2/5/2015	<0.021	U		0.0053	J		<0.0064	U		<0.0053	U		<0.0047	U					0.014			<0.0064	U	
		VMP-10-20-043015	4/30/2015	0.0013	J		<0.017	U		<0.0073	U		0.0043	J		<0.0053	U					0.016			<0.0073	U	
		VMP-10-20-072815	7/28/2015	<0.023	U		0.0043	J		<0.0068	U		0.0021	J		<0.005	U					0.004	J		<0.0068	U	
		VMP-10-20-072815-DUP	7/28/2015	<0.023	U		0.0037	J		<0.007	U		0.0016	J		<0.0051	U					0.0032	J		<0.007	U	
		VMP-10-20-103015	10/30/2015	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.0043	U					0.0039	J		<0.0058	U	
		VMP-10-20-012916	1/29/2016	<0.021	U		<0.015	U		0.0015	J		<0.0052	U		<0.0045	U					0.0053	J		0.0046	J	
		VMP-10-20-050216	5/2/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					0.0011	J		<0.0064	U	
		VMP-10-20-072816	7/28/2016	<0.046	U		<0.033	U		<0.014	U		<0.011	U		<0.04	U					0.013	J		<0.014	U	
		VMP-10-20-110216	11/2/2016	<0.022	U		0.025			0.0045	J		<0.0056	U		<0.02	U		0.0036	J	J	<0.013	U		0.013		
	30 ft	VMP-10-30-020515	2/5/2015	<0.022	U		0.024			<0.0065	U		<0.0054	U		<0.0048	U					0.051		J	<0.0065	U	
		VMP-10-30-020515-DUP	2/5/2015	<0.021	U		0.014	J		<0.0063	U		<0.0053	U		<0.0046	U					0.016		J	<0.0063	U	
		VMP-10-30-043015	4/30/2015	0.0012	J		0.0038	J		<0.0065	U		0.0019	J		<0.0048	U					0.011	J		<0.0065	U	
		VMP-10-30-072815	7/28/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-10-30-103015	10/30/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.0025	J		<0.0063	U	
		VMP-10-30-012916-DUP	1/29/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0082	J		<0.0062	U	
		VMP-10-30-050216	5/2/2016	0.0027	J		0.0072	J		<0.0065	J	U	<0.0054	U		<0.0048	U					0.0046	J		0.0013	J	
		VMP-10-30-050216-DUP	5/2/2016	<0.022	U		0.0059	J		<0.0065	J	U	<0.0054	U		<0.0048	U					0.0021	J		0.00098	J	
		VMP-10-30-072816	7/28/2016	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.022	U					0.006	J		<0.0074	U	
		VMP-10-30-110216	11/2/2016	<0.026	U		0.016	J		<0.0077	U		<0.0064	U		<0.022	U		<0.016	U		<0.015	U		<0.0077	U	
VMP-11	5 ft	VMP-11-5-020515	2/5/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.013			<0.006	U	
		VMP-11-5-043015	4/30/2015	0.00093	J		<0.016	U		<0.0068	U		<0.0056	J	U	<0.005	U					0.017			<0.0068	U	
		VMP-11-5-072815	7/28/2015	0.0036	J		0.015	J		<0.0069	U		<0.0057	U		<0.005	U					0.0045	J		<0.0069	U	
		VMP-11-5-103015	10/30/2015	0.001	J		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.0041	J		<0.0063	U	
		VMP-11-5-012916	1/29/2016	<0.022	U		0.0026	J		<0.0068	U		<0.0056	U		<0.005	U					0.0062	J		<0.0068	U	
		VMP-11-5-050216	5/2/2016	<0.02	U		0.0057	J		<0.0059	U		<0.0049	U		<0.0043	U					0.022			<0.0059	U	
		VMP-11-5-080116	8/1/2016	<0.023	U		0.068			<0.007	U		<0.0058	U		<0.02	U					0.035			<0.007	U	
		VMP-11-5-110116	11/1/2016	<0.022	U		<0.016	U		<0.0065	U		0.0018	J		<0.019	U		0.046			0.044			0.0019	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	8 ft	VMP-11-8-020515	2/5/2015	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					0.0083	J		<0.0059	U	
		VMP-11-8-043015	4/30/2015	<0.023	U		0.0017	J		<0.0068	U		<0.0056	J	U	<0.005	U					0.013	J		<0.0068	U	
		VMP-11-8-072815	7/28/2015	<0.023	U		<0.017	U		<0.0069	J	U	<0.0058	U		<0.0051	U					0.0054	J		<0.0069	U	
		VMP-11-8-103015	10/30/2015	<0.02	U		0.0024	J		<0.006	U		<0.005	U		<0.0044	U					0.0051	J		<0.006	U	
		VMP-11-8-012916	1/29/2016	<0.022	U		<0.016	U		0.0011	J		<0.0054	U		<0.0048	U					0.0079	J		0.0032	J	
		VMP-11-8-050616	5/6/2016	<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.0052	U					0.027			0.0027	J	
		VMP-11-8-080116	8/1/2016	<0.023	U		0.0037	J		<0.0068	U		<0.0057	U		<0.02	U					0.029			<0.0068	U	
		VMP-11-8-110116	11/1/2016	<0.021	U		0.0054	J		0.0041	J		<0.0053	U		<0.019	U		0.067			0.18			0.011		
	29 ft	VMP-11-29-020515	2/5/2015	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					0.032			<0.0069	U	
		VMP-11-29-020515-DUP	2/5/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.033			<0.0063	U	
		VMP-11-29-043015	4/30/2015	<0.02	U		<0.015	U		<0.0061	U		<0.0051	J	U	<0.0045	U					0.012			<0.0061	U	
		VMP-11-29-072815	7/28/2015	0.0025	J		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0072	J		<0.0067	U	
		VMP-11-29-110515	11/5/2015	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.0052	J		<0.007	U	
		VMP-11-29-012916	1/29/2016	<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.0052	U					0.0037	J		<0.007	U	
		VMP-11-29-050216	5/2/2016	0.002	J		0.0049	J		<0.0068	U		<0.0057	U		<0.005	U					0.0031	J		<0.0068	U	
		VMP-11-29-080216	8/2/2016	<0.022	U		0.0044	J		<0.0067	U		<0.0056	U		<0.02	U					0.0056	J		<0.0067	U	
		VMP-11-29-110116	11/1/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U		<0.015	U		0.021			<0.0072	U	
	38 ft	VMP-11-38-020515	2/5/2015	<0.019	U		0.007	J		<0.0058	U		<0.0049	U		<0.0043	U					0.032			0.0013	J	
		VMP-11-38-043015	4/30/2015	<0.024	U		<0.018	U		<0.0074	U		0.0017	J		0.0024	J					0.012	J		<0.0074	U	
		VMP-11-38-072815	7/28/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-11-38-103015	10/30/2015	<0.02	U		0.0034	J		<0.0061	U		<0.0051	J	U	<0.0045	U					0.0032	J		<0.0061	U	
		VMP-11-38-103015-DUP	10/30/2015	0.001	J		<0.013	U		<0.0056	U		<0.0046	U		0.0011	J					0.0029	J		<0.0056	U	
		VMP-11-38-012916	1/29/2016	<0.022	U		<0.016	U		<0.0065	U		0.0013	J		0.00098	J					0.0057	J		<0.0065	U	
		VMP-11-38-050216	5/2/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0014	J		<0.0063	U	
		VMP-11-38-050216-DUP	5/2/2016	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.0022	J		<0.0061	U	
		VMP-11-38-080216	8/2/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U					0.0067	J		<0.0071	U	
		VMP-11-38-110216	11/2/2016	0.0035	J		<0.017	U		0.0012	J		<0.006	U		<0.021	U		0.0012	J	J	0.019			<0.0072	U	
VMP-12	5 ft	VMP-12-5-021115	2/11/2015	<0.021	U		0.0038	J		<0.0062	J	U	<0.0052	U		<0.0045	U					0.01	J		<0.0062	J	U
		VMP-12-5-050715	5/7/2015	0.0087	J		0.011	J		0.0033	J		<0.0056	J	U	<0.005	U					0.043			<0.0068	U	
		VMP-12-5-073115	7/31/2015	0.0095	J		0.014	J		0.02			0.0073			<0.0049	U					0.009	J		0.028		
		VMP-12-5-110415	11/4/2015	<0.022	U		0.072			0.37			<0.0056	U		<0.0049	U					0.02			1.1		
		VMP-12-5-020316	2/3/2016	<0.023	U		0.0028	J		<0.0069	U		<0.0058	U		<0.0051	U					0.0068	J		<0.0069	U	
		VMP-12-5-050416	5/4/2016	<0.026	U		0.0045	J		0.005	J		<0.0065	U		<0.0057	U					0.0069	J		<0.0078	U	
		VMP-12-5-080316	8/3/2016	0.0032	J		0.0062	J		0.0025	J		0.0021	J		<0.02	U					0.027			0.0017	J	
		VMP-12-5-103116	10/31/2016	<0.022	U		0.0066	J		0.0036	J		0.0065			<0.019	U		<0.014	U		0.12			0.0018	J	
	11.5 ft	VMP-12-11.5-021115	2/11/2015	<0.02	U		0.24			<0.006	U		<0.005	U		<0.0044	U					0.0062	J		<0.006	U	
		VMP-12-11.5-050715	5/7/2015	0.0035	J		0.0017	J		<0.0068	U		<0.0057	J	U	<0.005	U					0.011	J		<0.0068	U	
		VMP-12-11.5-073115	7/31/2015	0.004	J		0.0057	J		0.0016	J		0.0042	J		<0.0054	U					0.0082	J		<0.0074	U	
		VMP-12-11.5-110415	11/4/2015	<0.019	U		0.0087	J		0.01			<0.0047	U		<0.0041	U					0.0086	J		0.025		
		VMP-12-11.5-020316	2/3/2016	0.0017	J		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0089	J		<0.0065	U	
		VMP-12-11.5-050416	5/4/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					0.0034	J		<0.0072	U	
		VMP-12-11.5-080316	8/3/2016	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.022	U					0.016			<0.0075	U	
		VMP-12-11.5-110316	11/3/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		<0.013	U		<0.0065	U	
	25 ft	VMP-12-25-021115	2/11/2015	<0.018	U		0.0058	J		<0.0055	U		<0.0046	U		<0.004	U					0.0027	J		<0.0055	U	
		VMP-12-25-050715	5/7/2015	0.0022	J		0.0099	J		<0.0073	U		<0.0061	J	U	<0.0054	U					0.0099	J		<0.0073	U	
		VMP-12-25-073115	7/31/2015	<0.026	U		<0.019	U		0.0021	J		0.0039	J		<0.0058	U					0.008	J		0.002	J	
		VMP-12-25-110415	11/4/2015	<0.022	U		0.006	J		0.46			<0.0055	U		<0.0048	U					<0.013	U		1.6		
		VMP-12-25-021616	2/16/2016	0.001	J		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.025			<0.0062	U	
		VMP-12-25-021616-DUP	2/16/2016	<0.022	U		0.0015	J		<0.0067	U		0.00087	J		<0.0049	U					0.04			<0.0067	U	
		VMP-12-25-050416	5/4/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0026	J		<0.0065	U	
		VMP-12-25-080316	8/3/2016	<0.023	U		0.018			0.011			<0.0056	U		<0.02	U					0.022			0.048		
		VMP-12-25-103116	10/31/2016	<0.022	U		0.004	J		0.02			<0.0055	U		<0.019	U		0.27			0.016		J	0.072		
		VMP-12-25-103116-Dup	10/31/2016	0.003	J		0.0073	J		0.016			<0.0052	U		<0.018	U		0.26			0.21		J	0.06		
	39 ft	VMP-12-39-021115	2/11/2015	<5.4	U		620			8.8			<1.4	U		<1.2	U					<3.3	U		6.7		
		VMP-12-39-050715	5/7/2015	<12	U		370			1.9	J		<3	U		0.52	J					2.8	J		0.98	J	
		VMP-12-39-050715-DUP	5/7/2015	<11	U		370			2	J		<2.8	U		<2.4	U					2.5	J		0.93	J	
		VMP-12-39-061515-Dup-R	6/15/2015	<0.2	U		150	E	J	0.76		J	<0.051	U		0.028	J	J				<0.12	U		0.52		J
		VMP-12-39-061515-R	6/15/2015	<0.24	U		150	E	J	0.78			<0.059	U		0.023	J					<0.14	U		0.52		
		VMP-12-39-073115	7/31/2015	<5	U		860			13			<1.2	U		<1.1	U					<3	U		6.1		
		VMP-12-39-073115-DUP	7/31/2015	<13	U		800			12			<3.4	U		<3	U					<8.1	U		5.2		
		VMP-12-39-110415	11/4/2015	<8.4	U		260			10			<2.1	U		<1.8	ND,UJ	UJ				<5	U		9.2		
		VMP-12-39-020316	2/3/2016	<61	U		580			5.7	J		<15	U		<14	U					<37	U		2.1	J	
		VMP-12-39-050416	5/4/2016	<21	U		940			16			<5.3	U		<4.6	U					<13	U		12		
		VMP-12-39-080316	8/3/2016	<18	U		890			18			<4.6	U		<16	U					1.5	J		14		
		VMP-12-39-110316	11/3/2016	<48	U		780			5.3	J		9.5	J		<42	U		1.6	J		<29	U		3.1	J	
VMP-13	5 ft	VMP-13-5-020515	2/5/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.011	J		<0.0067	U	
		VMP-13-5-043015	4/30/2015	0.0012	J		<0.016	U		<0.0065	U		0.0019	J		<0.0048	U					0.0024	J		<0.0065	U	
		VMP-13-5-072715	7/27/2015	<0.023	U		<0.016	U		0.0011	J		0.0028	J		<0.0051	U					0.025			<0.0069	U	
		VMP-13-5-110215	11/2/2015	<0.019	U		<0.013	U		<0.0056	U		<0.0047	U		<0.0041	U					0.03			<0.0056	U	
		VMP-13-5-012616	1/26/2016	<0.019	U		<0.014	U		<0.0057	U		<0.0048	J	U	<0.0042	U					0.0028	J		<0.0057	U	
		VMP-13-5-050316	5/3/2016	<0.022	U		0.004	J		<0.0066	U		<0.0055	U		<0.0048	U					0.01	J		<0.0066	U	
		VMP-13-5-072916	7/29/2016	<0.023	U		<0.017	U		<0.0069	U		0.0018	J		<0.02	U					0.029			<0.0069	U	
		VMP-13-5-110216	11/2/2016	<0.02	U		<0.015	U		0.0013	J		0.0025	J		<0.018	U		0.024			0.099			0.0027	J	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	10.5 ft	VMP-13-10.5-020515	2/5/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0079	J		<0.0065	U	
		VMP-13-10.5-043015	4/30/2015	0.0016	J		<0.017	U		<0.0069	U		0.0022	J		<0.0051	U					0.0027	J		<0.0069	U	
		VMP-13-10.5-072715	7/27/2015	0.0034	J		0.0086	J		<0.0069	U		0.0023	J		<0.0051	U					0.015			<0.0069	U	
		VMP-13-10.5-110215	11/2/2015	0.0029	J	J	0.0024	J		<0.0058	U		0.0032	J		<0.0043	U					0.044			<0.0058	U	
		VMP-13-10.5-012616	1/26/2016	<0.021	U		0.0012	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0053	J		<0.0062	U	
		VMP-13-10.5-050316	5/3/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0027	J		<0.0067	U	
		VMP-13-10.5-072916	7/29/2016	<0.024	U		0.018			<0.0071	U		<0.0059	U		<0.021	U					0.0094	J		<0.0071	U	
		VMP-13-10.5-110216	11/2/2016	<0.024	U		<0.017	U		<0.0071	U		0.0021	J		<0.021	U		<0.015	U		0.019			<0.0071	U	
	21.5 ft	VMP-13-21.5-020515	2/5/2015	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0063	J		<0.0069	U	
		VMP-13-21.5-043015	4/30/2015	0.0016	J		0.0014	J		<0.0075	U		0.0031	J		<0.0055	U					0.0015	J		<0.0075	U	
		VMP-13-21.5-072715	7/27/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0052	U					0.016			<0.0072	U	
		VMP-13-21.5-112515	11/25/2015	<0.02	U		0.005	J		0.0045	J		<0.005	U		<0.0044	U					0.005	J		0.013		
		VMP-13-21.5-012616	1/26/2016	<0.021	U		0.0019	J		<0.0062	U		<0.0052	U		<0.0045	U					0.012	J		<0.0062	U	
		VMP-13-21.5-050316	5/3/2016	<0.024	U		0.0032	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0032	J		<0.0071	U	
		VMP-13-21.5-050316-DUP	5/3/2016	<0.024	U		0.002	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0033	J		<0.0071	U	
		VMP-13-21.5-072916	7/29/2016	<0.024	U		<0.017	U		0.0015	J		<0.0059	U		<0.021	U					0.015			<0.0071	U	
		VMP-13-21.5-110216	11/2/2016	0.0037	J		0.013	J		0.013			0.015			<0.018	U		0.025			0.036			0.014		
	29.5 ft	VMP-13-29.5-020515	2/5/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0067	J		<0.006	U	
		VMP-13-29.5-043015	4/30/2015	0.0028	J		<0.017	U		<0.0072	U		0.0037	J		<0.0053	U					0.0053	J		<0.0072	U	
		VMP-13-29.5-072715	7/27/2015	<0.025	U		<0.018	U		<0.0075	U		<0.0063	U		<0.0055	U					0.011	J		<0.0075	U	
		VMP-13-29.5-072715-DUP	7/27/2015	<0.025	U		0.0056	J		<0.0076	U		<0.0063	U		<0.0056	U					0.0062	J		<0.0076	U	
		VMP-13-29.5-110215	11/2/2015	<0.018	U		<0.013	U		<0.0052	U		<0.0044	U		<0.0038	U					0.0044	J		<0.0053	U	
		VMP-13-29.5-110215-DUP	11/2/2015	<0.018	U		0.0021	J		<0.0055	U		<0.0046	U		<0.004	U					0.0057	J		<0.0055	U	
		VMP-13-29.5-012616	1/26/2016	<0.019	U		0.0019	J		<0.0058	U		0.0027	J		<0.0042	U					0.0056	J		<0.0058	U	
		VMP-13-29.5-050316	5/3/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0087	J		<0.0065	U	
		VMP-13-29.5-082616-R	8/29/2016	<0.018	U		0.013	J		<0.0055	J	U	0.001	J		<0.016	U					0.05			<0.0055	U	
		VMP-13-29.5-110216	11/2/2016	<0.022	U		<0.016	U		0.0016	J		<0.0055	U		0.0038	J		0.018			0.016			0.0044	J	
		VMP-13-29.5-110216-Dup	11/2/2016	<0.021	U		<0.015	U		0.0014	J		<0.0053	U		0.0031	J		0.014			0.016			0.0044	J	
VMP-14	5 ft	VMP-14-5-020615	2/6/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.081			<0.0065	U	
		VMP-14-5-043015	4/30/2015	0.0036	J		<0.015	U		<0.0064	U		0.0037	J	U	<0.0047	J	U				0.0088	J		<0.0064	U	
		VMP-14-5-072915	7/29/2015	0.0045	J		0.0036	J		<0.0061	U		<0.0051	U		<0.0045	U					0.01	J		<0.0061	U	
		VMP-14-5-110215	11/2/2015	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.012	J		<0.0061	U	
		VMP-14-5-012616	1/26/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-14-5-050316	5/3/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.0064	J		<0.007	U	
		VMP14-5-072916	7/29/2016	<0.023	U		0.0053	J		<0.0068	U		<0.0057	U		<0.02	U					<0.014	U		<0.0068	U	
		VMP-14-5-110216	11/2/2016	<0.023	U		0.0046	J		<0.0068	U		0.0026	J		<0.02	U		0.00074	J		0.034			<0.0068	U	
	11.5 ft	VMP-14-11.5-020615	2/6/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0092	J		<0.006	U	
		VMP-14-11.5-043015	4/30/2015	0.0022	J		0.0013	J		<0.0074	U		0.0048	J		<0.0054	U					0.0058	J		<0.0074	U	
		VMP-14-11.5-072915	7/29/2015	0.0033	J		0.0059	J		<0.0072	U		0.0021	J		<0.0053	U					0.019			<0.0072	U	
		VMP-14-11.5-110215	11/2/2015	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					0.0084	J		<0.0064	U	
		VMP-14-11.5-012616	1/26/2016	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0048	J		<0.006	U	
		VMP-14-11.5-050316	5/3/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.0017	J		<0.0068	U	
		VMP-14-11.5-072916	7/29/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					0.0049	J		<0.0072	U	
		VMP-14-11.5-110216	11/2/2016	<0.024	U		0.0052	J		<0.0071	U		<0.0059	U		<0.021	U		<0.015	U		0.038			<0.0071	U	
	20 ft	VMP-14-20-020615	2/6/2015	<0.022	U		0.004	J		0.0026	J		<0.0056	U		<0.0049	U					0.025			<0.0067	U	
		VMP-14-20-043015	4/30/2015	0.0014	J		0.0014	J		<0.0064	U		<0.0053	J	U	<0.0047	U					0.0045	J		<0.0064	U	
		VMP-14-20-072915	7/29/2015	<0.023	U		0.0047	J		0.0066	J		<0.0057	U		<0.005	U					0.01	J		<0.0068	U	
		VMP-14-20-110215	11/2/2015	<0.02	U		0.014	J		0.028			<0.0051	U		<0.0045	U					0.0084	J		<0.0061	U	
		VMP-14-20-012616	1/26/2016	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					0.0043	J		<0.0061	U	
		VMP-14-20-050416	5/4/2016	<0.022	U		0.005	J		0.027			<0.0056	U		<0.0049	U					<0.013	U		0.038		
		VMP-14-20-072916	7/29/2016	<0.026	U		<0.018	U		<0.0077	U		<0.0064	U		<0.023	U					<0.015	U		<0.0077	U	
	29 ft	VMP-14-29-020615	2/6/2015	<0.022	U		0.0056	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0086	J		<0.0065	U	
		VMP-14-29-043015	4/30/2015	0.0012	J		0.0094	J		0.0035	J		<0.005	J	U	<0.0044	J	U				0.01	J		0.014		J
		VMP-14-29-043015-DUP	4/30/2015	0.0016	J		0.0054	J		<0.0052	U		0.0024	J		0.0008	J					0.0067	J		0.0018	J	J
		VMP-14-29-072915	7/29/2015	<0.024	U		0.0027	J		<0.0073	U		<0.0061	U		<0.0054	U					0.0038	J		<0.0073	U	
		VMP-14-29-110215	11/2/2015	<0.021	U		0.0029	J		<0.0063	U		<0.0052	U		<0.0046	U					0.0072	J		<0.0063	U	
		VMP-14-29-012616	1/26/2016	<0.021	U		0.25			<0.0062	U		<0.0052	U		<0.0045	U					0.0045	J		<0.0062	U	
		VMP-14-29-012616-DUP	1/26/2016	<0.02	U		0.25			<0.006	U		<0.005	U		<0.0044	U					0.0036	J		<0.006	U	
		VMP-14-29-050316	5/3/2016	<0.023	U		0.0032	J		<0.007	U		<0.0058	U		<0.0052	U					<0.014	U		<0.007	U	
		VMP-14-29-072916	7/29/2016	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.021	U					<0.015	U	UJ	<0.0073	U	
		VMP-14-29-072916-DUP	7/29/2016	<0.019	U		0.013	J		<0.0056	U		0.0026	J		<0.016	U					0.059		J	<0.0056	U	
		VMP-14-29-110216	11/2/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		<0.014	U		0.0078	J		<0.0068	U	
VMP-15	5 ft	VMP-15-5-020615	2/6/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0096	J		<0.0063	U	
		VMP-15-5-050415	5/4/2015	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					0.02			0.0014	J	
		VMP-15-5-072915	7/29/2015	<0.023	U		0.0055	J		<0.007	U		<0.0058	U		<0.0051	U					<0.014	U		<0.007	U	
		VMP-15-5-110415	11/4/2015	<0.022	U		0.0059	J		<0.0067	U		<0.0056	U		<0.0049	U					0.011	J		<0.0067	U	
		VMP-15-5-020316	2/3/2016	<0.043	U		<0.031	U		<0.013	U		<0.011	U		<0.0094	U					0.011	J		0.0018	J	
		VMP-15-5-050316	5/3/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-15-5-080216	8/2/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U					0.014			<0.0067	U	
		VMP-15-5-110116	11/1/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.014	U		0.0056	J		<0.0066	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	21.5 ft	VMP-15-21.5-020615	2/6/2015	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.086			<0.0071	U	
		VMP-15-21.5-050415	5/4/2015	<0.02	U		0.0041	J		<0.0061	U		0.0019	J		<0.0045	U					0.0078	J		<0.0061	U	
		VMP-15-21.5-072915	7/29/2015	<0.26	U		1.7			<0.078	U		<0.065	U		<0.057	U					<0.16	U		<0.078	U	
		VMP-15-21.5-110415	11/4/2015	<0.023	U		0.01	J		<0.0068	U		<0.0057	U		<0.005	U					0.0077	J		<0.0068	U	
		VMP-15-21.5-020316	2/3/2016	<0.29	U		1.6			<0.086	U		<0.072	U		<0.063	U					0.041	J		<0.086	U	
		VMP-15-21.5-050316	5/3/2016	<0.017	U		0.014			<0.0052	U		<0.0044	U		<0.0038	U					0.012			<0.0052	U	
		VMP-15-21.5-080216	8/2/2016	<0.14	U		0.035	J		<0.043	U		<0.036	U		<0.13	U					<0.086	U		<0.043	U	
		VMP-15-21.5-110116	11/1/2016	<0.033	U		0.019	J		0.0032	J		<0.0082	U		<0.029	U		0.25			0.0084	J		0.0091	J	
	25.5 ft	VMP-15-25.5-020615	2/6/2015	<0.023	U		1.7			<0.0068	U		<0.0056	U		<0.005	U					0.023			<0.0068	U	
		VMP-15-25.5-050415	5/4/2015	<0.022	U		0.012	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0039	J		<0.0066	U	
		VMP-15-25.5-072915	7/29/2015	<0.29	U		36			<0.086	U		<0.072	U		<0.063	U					<0.17	U		<0.086	U	
		VMP-15-25.5-110415	11/4/2015	<0.02	U		0.0069	J		<0.006	U		<0.005	U		<0.0044	U					0.0029	J		<0.006	U	
		VMP-15-25.5-020316	2/3/2016	<1.1	U		100			<0.34	U		<0.29	U		<0.25	U					<0.69	U		<0.34	U	
		VMP-15-25.5-050316	5/3/2016	<0.055	U		0.86			<0.016	U		<0.014	U		<0.012	U					<0.033	U		<0.016	U	
		VMP-15-25.5-080216	8/2/2016	<0.23	U		6.2			<0.07	U		<0.058	U		<0.2	U					<0.14	U		<0.07	U	
		VMP-15-25.5-110116	11/1/2016	<0.15	U		3.8			0.0089	J		<0.037	U		<0.13	U		0.036	J		<0.089	U		0.01	J	
		VMP-15-25.5-110116-Dup	11/1/2016	<0.15	U		3.8			<0.046	U		<0.038	U		<0.14	U		0.045	J		<0.092	U		0.014	J	
	29 ft	VMP-15-29-020615	2/6/2015	<0.02	U		1.4			<0.0059	U		<0.005	U		<0.0044	U					0.22		J	<0.0059	U	
		VMP-15-29-020615-DUP	2/6/2015	<0.021	U		1.5			<0.0063	U		<0.0053	U		<0.0046	U					0.17		J	<0.0063	U	
		VMP-15-29-050415	5/4/2015	<0.023	U		0.32			<0.0069	J	U	<0.0057	U		<0.005	U					0.0077	J		<0.0069	J	U
		VMP-15-29-072915	7/29/2015	<0.32	U		39			<0.097	U		<0.081	U		<0.071	U					<0.19	U		<0.097	U	
		VMP-15-29-072915-DUP	7/29/2015	<0.27	U		39			<0.081	U		<0.067	U		<0.059	U					<0.16	U		<0.081	U	
		VMP-15-29-110415	11/4/2015	<0.021	U		0.02			<0.0063	U		<0.0053	U		0.0012	J					0.0075	J		<0.0063	U	
		VMP-15-29-020316	2/3/2016	<0.44	U		56			<0.13	U		<0.11	U		<0.096	U					<0.26	U		<0.13	U	
		VMP-15-29-050316	5/3/2016	<0.022	U		0.31			<0.0067	U		<0.0056	U		0.0016	J					<0.013	U		<0.0067	U	
		VMP-15-29-080216	8/2/2016	<0.29	U		0.98			<0.087	U		<0.073	U		<0.26	U					<0.17	U		<0.087	U	
VMP-16	5 ft	VMP-16-5-021115	2/11/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0047	U					0.0082	J		<0.0065	U	
		VMP-16-5-050715	5/7/2015	0.026			0.033			0.0045	J		0.028			<0.0054	U					0.028			<0.0073	U	
		VMP-16-5-073115	7/31/2015	<0.022	U		0.01	J		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U		<0.0065	U	
		VMP-16-5-110415	11/4/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	J	U	<0.0049	U					0.004	J		<0.0067	U	
		VMP-16-5-020316	2/3/2016	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U					0.0047	J		<0.0074	U	
		VMP-16-5-050416	5/4/2016	0.0013	J		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0037	J		<0.0067	U	
		VMP-16-5-080316	8/3/2016	<0.018	U		0.0052	J		<0.0056	U		<0.0046	U		<0.016	U					0.067			<0.0056	U	
		VMP-16-5-103116	10/31/2016	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		<0.013	U		0.0065	J		<0.0062	U	
	13.5 ft	VMP-16-13.5-021115	2/11/2015	<36	U		34			<11	U		<9.1	U		<8	U					<22	U		<11	U	
		VMP-16-13.5-050715	5/7/2015	<52	U		49			<16	U		<13	U		<12	U					<31	U		<16	U	
		VMP-16-13.5-073115	7/31/2015	<11	U		11			1.9	J		<2.9	U		<2.5	U					<6.9	U		3	J	
		VMP-16-13.5-110415	11/4/2015	<23	U		8.2	J		1.9	J		<5.8	U		<5.1	ND,UJ	UJ				<14	U		3.1	J	
		VMP-16-13.5-020316	2/3/2016	<110	U		<78	U		<32	U		<27	U		<24	U					<65	U		<32	U	
		VMP-16-13.5-052516-R	5/25/2016	<11	U		13			<3.3	U		<2.8	U		<2.4	U					<6.7	U		0.45	J	
		VMP-16-13.5-080316	8/3/2016	<37	U		53			5.3	J		<9.2	U		<32	U					<22	U		7	J	
		VMP-16-13.5-103116	10/31/2016	<11	U		13			1	J		<2.9	U		<2.5	U		<15	ND,UJ	UJ	<6.9	U		2	J	
	19 ft	VMP-16-19-021115	2/11/2015	<18	U		310			5	J		<4.6	U		<4.1	U					<11	U		6.4		
		VMP-16-19-050715	5/7/2015	<40	U		390			7	J		<10	U		1.3	J					4.3	J		10	J	
		VMP-16-19-073115	7/31/2015	<24	U		190			25			<5.9	U		<5.2	U					<14	U		41		
		VMP-16-19-110415	11/4/2015	<3.8	U		570			47			<0.96	U		0.25	J	J				<2.3	U		90		
		VMP-16-19-020316	2/3/2016	<130	U		100			15	J		<32	U		<28	U					<76	U		24	J	
		VMP-16-19-050416	5/4/2016	<8.1	U		110			14			<2	U		0.71	J					<4.9	U		22		
		VMP-16-19-080316	8/3/2016	<24	U		86			24			<6.1	U		<21	U					1.7	J		38		
		VMP-16-19-103116	10/31/2016	<11	U		140			34			<2.7	U		0.61	J		<14	U		3	J		70		
	31 ft	VMP-16-31-021115	2/11/2015	<16	U		840			21			<4.1	U		1.3	J					<9.8	U		29		
		VMP-16-31-050715	5/7/2015	<29	U		900			48			<7.3	U		1.3	J					<18	U		85		
		VMP-16-31-073115	7/31/2015	<12	U		470			75			<3	U		0.3	J					<7.3	U		160		
		VMP-16-31-073115-DUP	7/31/2015	<11	U		450			67			<2.8	U		<2.5	U					<6.8	U		150		
		VMP-16-31-110415	11/4/2015	<24	U		310			66			<5.9	U		<5.2	ND,UJ	UJ				<14	U		140		
		VMP-16-31-020316	2/3/2016	<44	U		180			37			<11	U		<9.6	U					<26	U		65		
		VMP-16-31-020316-DUP	2/3/2016	<52	U		190			47			<13	U		<11	U					<31	U		87		
		VMP-16-31-050416	5/4/2016	<22	U		230			37			<5.4	U		2.7	J					3.6	J		76		
		VMP-16-31-050416-DUP	5/4/2016	<21	U		240			47			<5.3	U		1.1	J					4.1	J		97		
		VMP-16-31-080316	8/3/2016	<15	U		260			50			<3.7	U		0.96	J					1.6	J		98		
		VMP-16-31-103116	10/31/2016	<10	U		680			47			<2.6	U		1.1	J		7.2	J	J	<6.2	U		100		
		VMP-16-31-103116-Dup	10/31/2016	<11	U		640			48			<2.7	U		0.97	J		<14	ND,UJ	UJ	<6.6	U		110		
VMP-17	5 ft	VMP-17-5-020415	2/4/2015	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					0.0044	J		<0.0059	U	
		VMP-17-5-050115	5/1/2015	0.0011	J		<0.014	U		<0.0058	U		<0.0048	J	U	<0.0042	U					0.0032	J		<0.0058	U	
		VMP-17-5-072815	7/28/2015	<0.024	U		<0.018	U		<0.0074	U		<0.0061	U		<0.0054	U					0.0039	J		<0.0074	U	
		VMP-17-5-102915	10/29/2015	<0.021	U		0.0042	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0022	J		<0.0062	U	
		VMP-17-5-020216	2/2/2016	<0.02	U		0.0073	J		<0.0059	U		<0.0049	U		<0.0043	U					0.028			<0.0059	U	
		VMP-17-5-050216	5/2/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					<0.013	U		<0.0064	U	
		VMP-17-5-072516	7/25/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U					0.022			<0.007	U	
		VMP-17-5-103116	10/31/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U		0.00076	J	J	0.0054	J		<0.0069	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-18	8.5 ft	VMP-18-8.5-020415	2/4/2015	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					<0.012	U		<0.0061	U	
		VMP-18-8.5-050115	5/1/2015	<0.023	U		0.0016	J		<0.0068	U		<0.0056	J	U	<0.005	U					0.0015	J		<0.0068	U	
		VMP-18-8.5-050115-DUP	5/1/2015	<0.022	U		0.0017	J		<0.0067	U		<0.0056	J	U	<0.0049	U					0.0027	J		<0.0067	U	
		VMP-18-8.5-072815	7/28/2015	<0.024	U		<0.018	U		<0.0074	U		<0.0061	U		<0.0054	U					0.0036	J		<0.0074	U	
		VMP-18-8.5-102915	10/29/2015	0.00088	J		0.0011	J		<0.006	U		<0.005	J	U	<0.0044	U					0.0045	J		<0.006	U	
		VMP-18-8.5-020216	2/2/2016	<0.02	U		0.01	J		<0.0061	U		<0.0051	U		<0.0045	U					0.048			<0.0061	U	
		VMP-18-8.5-050516	5/5/2016	<0.02	U		<0.015	U		0.0021	J		<0.0051	U		<0.0045	U					0.0056	J		0.0032	J	
		VMP-18-8.5-072516	7/25/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					0.012	J		<0.0072	U	
		VMP-18-8.5-102516	10/26/2016	<0.041	U		<0.03	U		<0.012	U		<0.01	U		<0.036	U		<0.026	U		0.026			<0.012	U	
VMP-19	5 ft	VMP-19-5-020415	2/4/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					<0.013	U		0.0012	J	
		VMP-19-5-050115	5/1/2015	0.00086	J		0.005	J		<0.006	U		<0.005	J	U	<0.0044	U					0.0045	J		<0.006	U	
		VMP-19-5-072815	7/28/2015	<0.024	U		0.062			<0.0074	U		<0.0061	U		<0.0054	U					0.0081	J		<0.0074	U	
		VMP-19-5-102615	10/26/2015	<0.023	U		0.0036	J		<0.0068	U		0.0017	J		<0.005	U					0.016		J	<0.0068	U	
		VMP-19-5-020216	2/2/2016	<0.023	U		0.0085	J		<0.0068	U		<0.0056	U		<0.005	U					0.047			<0.0068	U	
		VMP-19-5-050616	5/6/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.0038	J		<0.0068	U	
		VMP-19-5-072816	7/28/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					<0.014	U		<0.0072	U	
		VMP-19-5-102516	10/26/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0016	J	J	0.026			0.00083	J	
VMP-20	5 ft	VMP-20-5-012715	1/27/2015	<0.021	U		<0.015	U		0.0014	J		<0.0052	U		<0.0045	U					0.0046	J		0.0046	J	
		VMP-20-5-042715	4/27/2015	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.0045	U					0.014			<0.0062	J	U
		VMP-20-5-072015	7/20/2015	0.00086	J		0.0037	J		0.0026	J		<0.0058	J	U	<0.0051	U					0.0039	J		0.0074		
		VMP-20-5-102015	10/20/2015	<0.02	U		0.0046	J		<0.0059	U		<0.0049	U		<0.0043	U					0.0041	J		<0.0059	U	
		VMP-20-5-021616	2/16/2016	<0.027	U		<0.019	U		<0.008	U		0.0011	J		<0.0059	U					0.035			<0.008	U	
		VMP-20-5-042516	4/25/2016	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					0.02			<0.0069	U	
		VMP-20-5-072216	7/22/2016	<0.021	U		0.0076	J		<0.0063	U		<0.0052	U		<0.018	U					0.026			<0.0063	U	
		VMP-20-5-102616	10/26/2016	<0.02	U		0.0091	J		<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.0084	J		<0.006	U	
	10 ft	VMP-20-10-012715	1/27/2015	<0.021	U		<0.015	U		<0.0062	U		0.0011	J		<0.0046	U					0.019			<0.0062	U	
		VMP-20-10-012715-DUP	1/27/2015	<0.022	U		<0.016	U		<0.0065	U		0.0014	J		<0.0048	U					0.028			<0.0065	U	
		VMP-20-10-042715	4/27/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0016	J		<0.006	U	
		VMP-20-10-072015	7/20/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	J	U	<0.0048	U					<0.013	J	U	<0.0065	U	
		VMP-20-10-102015	10/20/2015	0.001	J		0.002	J		<0.0055	U		0.0014	J		<0.004	U					0.0024	J		<0.0055	U	
		VMP-20-10-102015-DUP	10/20/2015	<0.023	U		<0.016	U		<0.0068	U		0.0013	J		<0.005	U					0.0034	J		<0.0068	U	
		VMP-20-10-021616	2/16/2016	<0.02	U		0.013	J		<0.006	U		0.0007	J		<0.0044	U					0.084			0.002	J	
		VMP-20-10-042516	4/25/2016	<0.024	U		0.03			0.0022	J		<0.0059	U		<0.0052	U					0.014	J		0.0024	J	
		VMP-20-10-072216	7/22/2016	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.02	U					0.024			<0.0069	U	
		VMP-20-10-102616	10/26/2016	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.013			<0.006	U	
	25 ft	VMP-20-25-012715	1/27/2015	<0.021	U		<0.015	U		0.00092	J		0.0012	J		<0.0047	U					0.0041	J		0.002	J	
		VMP-20-25-042715	4/27/2015	<0.021	U		0.015			<0.0063	U		<0.0053	U		<0.0046	U					0.017			<0.0063	U	
		VMP-20-25-072015	7/20/2015	<0.022	U		0.03			<0.0066	U		<0.0055	J	U	<0.0048	U					<0.013	J	U	<0.0066	U	
		VMP-20-25-102015	10/20/2015	0.0013	J		0.0082	J		0.0015	J		0.00095	J		<0.0042	U					0.0036	J		0.0025	J	
		VMP-20-25-020216	2/2/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					0.0036	J		<0.0072	U	
		VMP-20-25-042516	4/25/2016	<0.023	U		0.0072	J		<0.0068	U		<0.0057	U		<0.005	U					0.021			0.0016	J	
		VMP-20-25-072216	7/22/2016	<0.024	U		0.0076	J		<0.0073	U		<0.0061	U		<0.021	U					0.011	J		<0.0073	U	
		VMP-20-25-102616	10/26/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		0.012			<0.0062	U	
	39.5 ft	VMP-20-39.5-042715	4/27/2015	<0.02	U	UJ	0.0092	J		<0.0061	U		0.0015	J	J	<0.0044	U					0.0036	J	J	<0.0061	U	
		VMP-20-39.5-042715-DUP	4/27/2015	<0.024	U	UJ	0.011	J		<0.007	U		<0.0059	J	UJ	<0.0052	U					0.0039	J	J	<0.007	U	
		VMP-20-39.5-072015	7/20/2015	<0.022	U		0.0022	J		<0.0065	U		<0.0054	J	U	<0.0048	U					<0.013	J	U	<0.0065	U	
		VMP-20-39.5-072015-DUP	7/20/2015	<0.022	U		0.0064	J		<0.0066	U		<0.0055	J	U	<0.0048	U					<0.013	J	U	<0.0066	U	
		VMP-20-39.5-012715	1/27/2015	<0.024	U		<0.017	U		0.0022	J		0.0013	J		<0.0053	U					0.018			0.0041	J	
		VMP-20-39.5-102015	10/20/2015	<0.02	U		0.002	J		<0.0061	U		0.003	J		<0.0045	U					0.0069	J		<0.0061	U	
		VMP-20-39.5-020216	2/2/2016	<0.021	U		0.013	J		0.00089	J		<0.0052	U		<0.0045	U					0.0088	J		<0.0062	J	U
		VMP-20-39.5-020216-DUP	2/2/2016	<0.02	U		0.013	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0065	J		<0.0061	J	U
VMP-21	5 ft	VMP-21-5-012715	1/27/2015	<0.021	U		<0.015	U		0.00086	J		0.0011	J		<0.0046	U					<0.012	U		0.003	J	
		VMP-21-5-042715	4/27/2015	<0.023	U	UJ	0.0042	J		<0.007	U		<0.0058	J	UJ	<0.0052	U					0.0012	J	J	<0.007	U	
		VMP-21-5-072015	7/20/2015	<0.023	U		0.003	J		<0.0068	U		<0.0056	J	U	<0.005	U					0.0047	J		<0.0068	U	
		VMP-21-5-102315	10/23/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.0028	J		<0.0062	U	
		VMP-21-5-012616	1/26/2016	<0.023	U		0.004	J		<0.0068	U		<0.0057	U		<0.005	U					0.0038	J		<0.0068	U	
		VMP-21-5-042716	4/27/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	J	U	<0.0067	U	
		VMP-21-5-072616	7/26/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U					0.0021	J		<0.0065	U	
		VMP-21-5-102416	10/24/2016	0.0015	J		<0.016	U		<0.0065	U		<0.0054	J	U	<0.019	U		<0.014	U		0.0045	J		<0.0065	U	
	10 ft	VMP-21-10-012715	1/27/2015	<0.022	U		<0.016	U		0.0015	J		<0.0054	U		<0.0048	U					<0.013	U		0.0025	J	
		VMP-21-10-042715	4/27/2015	<0.024	U	UJ	<0.017	U		<0.0071	U		<0.0059	J	UJ	<0.0052	U					0.0016	J	J	<0.0071	U	
		VMP-21-10-072015	7/20/2015	0.00092	J		0.0031	J		<0.0066	U		<0.0055	J	U	<0.0048	U					0.0052	J		<0.0066	U	
		VMP-21-10-102315	10/23/2015	<0.023	U		0.052			<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-21-10-012616	1/26/2016	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.0045	U					0.0026	J		<0.0062	U	
		VMP-21-10-042716	4/27/2016	<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.0052	U					<0.014	J	U	<0.007	U	
		VMP-21-10-072616	7/26/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U					0.011	J		<0.0068	U	
		VMP-21-10-102416	10/24/2016	<0.04	U		<0.029	U		<0.012	U		<0.01	U		<0.036	U		<0.026	U		0.018	J		<0.012	U	
	25 ft	VMP-21-25-012715	1/27/2015	<0.022	U		<0.016	U		<0.0066	U		0.0012	J		<0.0048	U					<0.013	U		0.0012	J	
		VMP-21-25-042715	4/27/2015	<0.022	U	UJ	0.0013	J		<0.0065	U		<0.0054	J	UJ	<0.0048	U					0.0012	J	J	<0.0065	U	
		VMP-21-25-072015	7/20/2015	0.00089	J		0.32			<0.0066	U		<0.0055	J	U	<0.0049	U					<0.013	J	U	<0.0066	U	
		VMP-21-25-102315	10/23/2015	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					<0.012	U		<0.0059	U	
		VMP-21-25-012616	1/26/2016	<0.022	U		0.0024	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0076	J		<0.0066	U	
		VMP-21-25-042716	4/27/2016	<0.022	U		0.014	J		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	J	U	0.00093	J	
		VMP-21-25-072616	7/26/2016	<0.022	U		0.0023	J		<0.0065	U		<0.0054	U		<0.019	U					0.0043	J		<0.0065	U	
		VMP-21-25-102416	10/24/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		0.0026	J		<0.0062	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-012715	1/27/2015	<0.021	U		<0.015	U		0.003	J		<0.0052	U		<0.0045	U					0.0071	J		0.0052	J	
		VMP-21-33-072015	7/20/2015	<0.023	U		0.0016	J		<0.0069	U		<0.0058	J	U	<0.0051	U					<0.014	J	U	<0.0069	U	
		VMP-21-33-102315	10/23/2015	0.0015	J		<0.013	U		<0.0056	U		<0.0046	U		<0.0041	U					0.0022	J		<0.0056	U	
		VMP-21-33-102315-DUP	10/23/2015	0.002	J		0.0086	J		<0.014	U		<0.012	J	U	<0.01	U					<0.028	U		<0.014	U	
		VMP-21-33-042716	4/27/2016	<0.023	U		0.0046	J		<0.0069	U		<0.0058	U		<0.0051	U					<0.014	J	U	<0.0069	U	
		VMP-21-33-072616	7/26/2016	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.02	U					0.015			<0.0069	U	
		VMP-21-33-102416	10/24/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.0056	J		<0.0065	U	
VMP-22	5 ft	VMP-22-5-012715	1/27/2015	<0.018	U		0.0061	J		<0.0056	U		<0.0046	U		<0.0041	U					0.034			0.0016	J	
		VMP-22-5-042715	4/27/2015	<0.041	U	UJ	0.0058	J		<0.012	U		0.0015	J	J	<0.0091	U					0.012	J	J	<0.012	U	
		VMP-22-5-072015	7/20/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	J	U	<0.0048	U					<0.013	J	U	<0.0065	U	
		VMP-22-5-012616	1/26/2016	<0.023	U		0.0028	J		0.0054	J		<0.0057	U		<0.005	U					0.0061	J		0.014		
		VMP-22-5-042616	4/26/2016	<0.028	U		0.0046	J		<0.0085	U		<0.0071	U		<0.0062	U					0.053			<0.0085	U	
		VMP-22-5-072216	7/22/2016	<0.025	U		0.032			<0.0075	U		<0.0063	U		<0.022	U					0.062			<0.0075	U	
		VMP-22-5-102716	10/27/2016	0.0031	J		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.0083	J		<0.006	U	
	10 ft	VMP-22-10-012715	1/27/2015	<0.024	U		0.0036	J		<0.0072	U		<0.006	U		<0.0053	U					0.031			<0.0072	U	
		VMP-22-10-042715	4/27/2015	<0.02	U	UJ	0.026			<0.006	U		<0.005	J	UJ	<0.0044	U					0.0015	J	J	<0.006	U	
		VMP-22-10-072015	7/20/2015	<0.021	U		0.0038	J		<0.0063	U		<0.0053	J	U	<0.0046	U					0.0079	J		<0.0063	U	
		VMP-22-10-102315	10/23/2015	<0.023	U		<0.016	U		<0.0068	U		0.0034	J		<0.005	U					<0.014	U		<0.0068	U	
		VMP-22-10-012616	1/26/2016	<0.02	U		0.0012	J		<0.0059	U		<0.0049	U		<0.0043	U					0.0058	J		<0.0059	U	
		VMP-22-10-042616	4/26/2016	0.0018	J		0.0034	J		<0.0073	U		<0.0061	U		<0.0053	U					0.043			<0.0073	U	
		VMP-22-10-072216	7/22/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U					0.013	J		<0.0067	U	
		VMP-22-10-102716	10/27/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.0059	J		<0.0065	U	
	18 ft	VMP-22-18-012715	1/27/2015	<0.02	U		0.0066	J		<0.006	U		<0.005	U		<0.0044	U					0.0061	J		0.0012	J	
		VMP-22-18-012715-DUP	1/27/2015	<0.02	U		0.0027	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0068	J		0.0012	J	
		VMP-22-18-042715	4/27/2015	<0.02	U	UJ	0.0011	J		<0.006	U		<0.005	U	UJ	<0.0044	U					<0.012	U	UJ	0.0012	J	
		VMP-22-18-072015	7/20/2015	<0.028	U		0.0065	J		<0.0083	U		<0.0069	J	U	<0.0061	U					0.006	J		<0.0083	U	
		VMP-22-18-102315	10/23/2015	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					0.0063	J		<0.0064	U	
		VMP-22-18-012616	1/26/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	J	U	<0.0048	U					0.0045	J		<0.0066	U	
		VMP-22-18-042616	4/26/2016	0.0016	J		0.0048	J		<0.0068	U		<0.0056	U		<0.005	U					0.024			<0.0068	U	
		VMP-22-18-072216	7/22/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U					0.033			<0.0066	U	
		VMP-22-18-102716	10/27/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		<0.015	U		0.0037	J		<0.0068	U	
	38 ft	VMP-22-38-012715	1/27/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0071	J		<0.0062	U	
		VMP-22-38-042715	4/27/2015	<0.019	U	UJ	<0.014	U		<0.0058	U		<0.0049	U	UJ	<0.0043	U					0.0056	J	J	<0.0058	U	
		VMP-22-38-042715-DUP	4/27/2015	<0.021	U	UJ	0.0011	J		0.0015	J		<0.0052	J	UJ	<0.0046	U					0.0041	J	J	0.002	J	
		VMP-22-38-072015	7/20/2015	<0.024	U		0.013	J		<0.0071	U		<0.0059	J	U	<0.0052	U					<0.014	J	U	<0.0071	U	
		VMP-22-38-072015-DUP	7/20/2015	<0.023	U		0.012	J		<0.0068	U		<0.0056	J	U	<0.005	U					<0.014	J	U	<0.0068	U	
		VMP-22-38-102315	10/23/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-22-38-012616-DUP	1/26/2016	<0.021	U		0.002	J		<0.0064	U		<0.0053	U		<0.0047	U					0.0085	J		<0.0064	U	
		VMP-22-38-042616	4/26/2016	<0.025	U		<0.018	U		<0.0076	U		<0.0064	U		<0.0056	U					0.0031	J		<0.0076	U	
		VMP-22-38-072216	7/22/2016	<0.023	U		0.0071	J		<0.0068	U		<0.0057	U		<0.02	U					0.014			<0.0068	U	
		VMP-22-38-072216-DUP	7/22/2016	<0.022	U		0.005	J		<0.0068	U		<0.0056	U		<0.02	U					0.01	J		<0.0068	U	
		VMP-22-38-102716	10/27/2016	<0.022	U		0.0041	J		<0.0066	U		<0.0055	U		<0.019	U		<0.014	U		0.0062	J		<0.0066	U	
		VMP-22-38-102716-Dup	10/27/2016	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		0.00093	J	J	0.0043	J		<0.0062	U	
VMP-23	5 ft	VMP-23-5-012715	1/27/2015	<0.025	U		<0.018	U		<0.0076	U		<0.0063	U		<0.0056	U					0.0047	J		<0.0076	U	
		VMP-23-5-042715	4/27/2015	<0.022	U	UJ	0.03			<0.0065	U		<0.0054	J	UJ	<0.0048	U					0.011	J	J	<0.0065	U	
		VMP-23-5-072015	7/20/2015	<0.022	U		0.04			<0.0065	U		<0.0054	J	U	<0.0048	U					0.0086	J		<0.0065	U	
		VMP-23-5-102615	10/26/2015	<0.018	U		0.0059	J		<0.0055	U		<0.0046	U		<0.004	U					0.0044	J		<0.0055	U	
		VMP-23-5-012516	1/25/2016	<0.023	U		0.0018	J		<0.0068	U		<0.0057	J	U	<0.005	U					0.0031	J		<0.0068	U	
		VMP-23-5-062816	6/28/2016	0.0023	J		<0.019	U		<0.0078	U		0.0012	J		<0.0057	U					0.0033	J		<0.0078	U	
		VMP-23-5-072216	7/22/2016	<0.024	U		0.0057	J		<0.0073	U		<0.0061	U		<0.021	U					0.025			<0.0073	U	
		VMP-23-5-101916	10/19/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		<0.013	U		<0.013	U		<0.0063	U	
	10 ft	VMP-23-10-012715	1/27/2015	<0.019	U		0.0076	J		<0.0058	U		<0.0049	U		<0.0043	U					0.057			<0.0058	U	
		VMP-23-10-042715	4/27/2015	<0.023	U	UJ	<0.017	U		<0.007	U		<0.0058	U	UJ	<0.0051	U					0.0031	J	J	<0.007	U	
		VMP-23-10-072015	7/20/2015	0.00082	J		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.013			<0.0065	U	
		VMP-23-10-102615	10/26/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0033	J		<0.0065	U	
		VMP-23-10-012516	1/25/2016	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.17			<0.006	U	
		VMP-23-10-062816	6/28/2016	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.0055	U					0.0058	J		<0.0075	U	
		VMP-23-10-072216	7/22/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					0.035			<0.0072	U	
		VMP-23-10-101916	10/19/2016	<0.02	U		0.032			0.00087	J		<0.005	U		<0.018	U		<0.013	U		0.082			<0.006	U	
	25 ft	VMP-23-25-012715	1/27/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0044	J		<0.006	U	
		VMP-23-25-042715	4/27/2015	<0.023	U	UJ	<0.016	U		<0.0068	U		<0.0057	U	UJ	<0.005	U					0.0038	J	J	<0.0068	U	
		VMP-23-25-072015	7/20/2015	<0.023	U		0.002	J		<0.0068	U		<0.0056	J	U	<0.005	U					<0.014	J	U	<0.0068	U	
		VMP-23-25-102615	10/26/2015	0.0015	J		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-23-25-012516	1/25/2016	<0.023	U		0.0014	J		<0.0069	U		<0.0058	J	U	<0.0051	U					0.0076	J		<0.0069	U	
		VMP-23-25-062816	6/28/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-23-25-072216	7/22/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					0.021			<0.0072	U	
		VMP-23-25-101916	10/19/2016	<0.023	U		0.0069	J		<0.0069	U		<0.0058	U		<0.02	U		<0.015	U		0.0086	J		<0.0069	U	
	40 ft	VMP-23-40-012715	1/27/2015	<0.023	U		0.0026	J		<0.0068	U		<0.0056	U		<0.005	U					<0.014	J	U	<0.0068	U	
		VMP-23-40-042715	4/27/2015	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.0055	U					0.007	J		<0.0075	U	
		VMP-23-40-072015	7/20/2015	<0.022	U		0.11			<0.0065	U		<0.0054	J	U	<0.0048	U					<0.013	J	U	<0.0065	U	
		VMP-23-40-102615	10/26/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.0027	J		<0.0062	U	
		VMP-23-40-102615-DUP	10/26/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0044	J		<0.0065	J	U
		VMP-23-40-012516	1/25/2016	<0.019	U		0.0018	J		0.0067			<0.0048	U		<0.0043	U					0.0042	J		0.018		
		VMP-23-40-072216	7/22/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U					0.0056	J		<0.0067	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-020215	2/2/2015	<0.02	U		0.0015	J		<0.0061	U		<0.005	U		<0.0044	U					<0.012	J	U	<0.0061	U	
		VMP-24-5-042715	4/27/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-24-5-072115	7/21/2015	<0.022	U		0.019			<0.0065	U		<0.0054	U		<0.0048	U					0.018			<0.0065	U	
		VMP-24-5-102915	10/29/2015	<0.022	U		0.013	J		<0.0066	U		<0.0055	U		<0.0049	U					0.0068	J		<0.0066	U	
		VMP-24-5-012716	1/27/2016	0.0013	J		0.0027	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0035	J		<0.0061	U	
		VMP-24-5-042916	4/29/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0017	J		<0.0065	U	
		VMP-24-5-072716	7/27/2016	<0.024	U		0.0025	J		<0.0073	U		<0.0061	U		<0.021	U					0.07			<0.0073	U	
		VMP-24-5-102816	10/28/2016	<0.018	U		0.023			<0.0053	U		<0.0044	U		<0.016	U		0.00058	J	J	0.11			<0.0053	U	
	10 ft	VMP-24-10-020215	2/2/2015	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.004	U					<0.011	J	U	<0.0055	U	
		VMP-24-10-042715	4/27/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-24-10-072115	7/21/2015	0.0013	J	J	0.0059	J		<0.0063	U		<0.0053	U		<0.0046	U					0.011	J		<0.0063	U	
		VMP-24-10-102915	10/29/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0041	J		<0.0062	U	
		VMP-24-10-012716	1/27/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0024	J		<0.0065	U	
		VMP-24-10-042916	4/29/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0052	U					0.0014	J		<0.007	U	
		VMP-24-10-072716	7/27/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U					0.0053	J		<0.0068	U	
		VMP-24-10-102816	10/28/2016	<0.017	U		0.01	J		<0.0051	U		<0.0042	U		<0.015	U		<0.011	U		0.062			<0.0051	U	
	22 ft	VMP-24-22-020215	2/2/2015	<0.022	U		0.0017	J		<0.0065	U		<0.0054	U		<0.0048	U					0.005	J		<0.0065	U	
		VMP-24-22-042715	4/27/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-24-22-072115	7/21/2015	<0.022	U	UJ	<0.016	J	UJ	<0.0065	U	UJ	<0.0054	U	UJ	<0.0048	U	UJ				0.013		J	<0.0065	U	UJ
		VMP-24-22-082415	8/24/2015	<0.024	U		0.0036	J		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-24-22-082415-DUP	8/24/2015	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.0055	U					<0.015	U		0.0018	J	
		VMP-24-22-102915	10/29/2015	<0.024	U		0.0038	J		<0.0071	U		<0.0059	U		<0.0052	U					0.003	J		<0.0071	U	
		VMP-24-22-012716	1/27/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	J	U	<0.0046	U					0.0043	J		<0.0063	U	
		VMP-24-22-042916	4/29/2016	<0.024	U		0.0074	J		<0.0072	U		<0.006	U		<0.0053	U					0.008	J		<0.0072	U	
		VMP-24-22-072716	7/27/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U					0.012	J		<0.0071	U	
		VMP-24-22-102816	10/28/2016	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		0.05			<0.0054	U	
	34 ft	VMP-24-34-020215	2/2/2015	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					0.0053	J		<0.0059	U	
		VMP-24-34-020215-DUP	2/2/2015	<0.019	U		0.0014	J		<0.0057	U		<0.0048	U		<0.0042	U					0.0061	J		<0.0057	U	
		VMP-24-34-042715	4/27/2015	<0.029	U		<0.021	U		<0.0086	U		<0.0072	U		<0.0063	U					<0.017	U		<0.0086	U	
		VMP-24-34-072115	7/21/2015	0.0022	J	J	<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.012	J		<0.0066	U	
		VMP-24-34-072115-DUP	7/21/2015	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.0094	J		<0.0071	U	
		VMP-24-34-102915	10/29/2015	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					0.024			<0.0064	U	
		VMP-24-34-012716	1/27/2016	0.0048	J		<0.018	U		<0.0074	U		0.0036	J		<0.0054	U					0.016			<0.0074	U	
		VMP-24-34-042916	4/29/2016	<0.022	U		0.0053	J		<0.0065	U		<0.0054	U		<0.0047	U					0.0058	J		<0.0065	U	
		VMP-24-34-072716	7/27/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U					0.0026	J		<0.0067	U	
		VMP-24-34-072716-DUP	7/27/2016	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U					0.013			<0.0054	U	
		VMP-24-34-102816	10/28/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		<0.015	U		0.016			<0.0071	U	
		VMP-24-34-102816-Dup	10/28/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		<0.014	U		0.0072	J		<0.0068	U	
VMP-25	5 ft	VMP-25-5-021115	2/11/2015	<0.02	U		0.0042	J		0.0064			0.0023	J		<0.0044	U					0.033			0.017		
		VMP-25-5-050715	5/7/2015	0.0012	J		0.002	J		<0.0067	U		0.0017	J		<0.0049	U					0.0029	J		<0.0067	U	
		VMP-25-5-073015	7/30/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-25-5-110515	11/5/2015	<0.021	U		0.0037	J		0.043			<0.0053	U		<0.0047	U					0.0054	J		0.12		
		VMP-25-5-021616	2/16/2016	<0.021	U		0.004	J		<0.0064	U		<0.0053	U		<0.0047	U					0.088			0.0021	J	
		VMP-25-5-050416	5/4/2016	<0.4	U		20			<0.12	U		<0.1	U		<0.088	U					0.026	J		<0.12	U	
		VMP-25-5-080316	8/3/2016	0.0015	J		<0.018	U		<0.0076	U		<0.0064	U		0.0064	J					<0.015	U		<0.0076	U	
		VMP-25-5-103116	10/31/2016	<0.02	U		0.0019	J		<0.0059	U		<0.0049	U		<0.017	U		<0.013	U		0.009	J		<0.0059	U	
	21 ft	VMP-25-21-021115	2/11/2015	<10	U		1000			1.6	J		<2.5	U		<2.2	U					<6.1	U		0.78	J	
		VMP-25-21-050715	5/7/2015	<20	U		880			<5.9	U		<4.9	U		<4.3	U					<12	U		<5.9	U	
		VMP-25-21-073015	7/30/2015	<5.2	U		820			1	J		<1.3	U		0.2	J					<3.2	U		0.82	J	
		VMP-25-21-110515	11/5/2015	<4.7	U		390			0.47	J		<1.2	U		<1	ND,UJ	UJ				<2.8	U		0.48	J	
		VMP-25-21-050416	5/4/2016	<0.25	U		0.089	J		<0.074	U		<0.062	U		<0.055	U					<0.15	U		<0.074	U	
		VMP-25-21-080316	8/3/2016	0.0013	J		0.014	J		<0.0069	U		<0.0058	U		<0.02	U					0.014			<0.0069	U	
		VMP-25-21-103116	10/31/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.0058	J		<0.0065	U	
		VMP-25-21-103116-Dup	10/31/2016	<0.02	U		0.002	J		<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.0067	J		<0.006	U	
	31 ft	VMP-25-31-021115	2/11/2015	<9.7	U		1100			0.66	J		<2.4	U		<2.1	U					<5.8	U		<2.9	U	
		VMP-25-31-021115-DUP	2/11/2015	<9.6	U		1000			0.74	J		<2.4	U		<2.1	U					<5.8	U		<2.9	U	
		VMP-25-31-050715	5/7/2015	<27	U		810			<8	U		2.4	J		<5.8	U					<16	U		<8	U	
		VMP-25-31-050715-DUP	5/7/2015	<26	U		800			<7.7	U		<6.4	U		<5.7	U					<15	U		<7.7	U	
		VMP-25-31-073015	7/30/2015	<6.2	U		740			0.91	J		<1.5	U		<1.4	U					<3.7	U		0.45	J	
		VMP-25-31-073015-DUP	7/30/2015	<5.4	U		700			0.83	J		<1.4	U		<1.2	U					<3.3	U		<1.6	U	
		VMP-25-31-110515	11/5/2015	<4.4	U		380			<1.3	U		<1.1	U		<0.98	ND,UJ	UJ				<2.7	U		<1.3	U	
		VMP-25-31-021616	2/16/2016	<6.7	U		330			<2	U		<1.7	U		<1.5	U					<4	U		<2	U	
		VMP-25-31-021616-DUP	2/16/2016	<10	U		340			<3.1	U		<2.6	U		<2.3	U					<6.3	U		<3.1	U	
		VMP-25-31-050416	5/4/2016	<11	U		450			<3.4	U		<2.9	U		<2.5	U					<6.9	U		<3.4	U	
		VMP-25-31-080316	8/3/2016	<0.44	U		1.9			<0.13	U		<0.11	U		<0.39	U					0.18	J		<0.13	U	
		VMP-25-31-080316-DUP	8/3/2016	<0.39	U		1.4			<0.12	U		<0.097	U		<0.34	U					0.12	J		<0.12	U	
		VMP-25-31-103116	10/31/2016	<0.2	U		680			0.15		J	<0.05	U		0.37		J	<0.25	ND,UJ	UJ	<0.12	U		<0.059	U	
VMP-29	10 ft	VMP-29-10-020515	2/5/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.17			<0.0065	U	
		VMP-29-10-050615	5/6/2015	0.0054	J		0.016	J	J	<0.0071	U		0.0047	J		<0.0052	U					0.016		J	<0.0071	U	
		VMP-29-10-072715	7/27/2015	0.0093	J		0.04			0.0036	J		0.0042	J		<0.0049	U					0.015			<0.0067	U	
		VMP-29-10-103015	10/30/2015	0.007	J		0.088			<0.0064	U		<0.0054	J	U	0.0042	J					0.014			<0.0064	U	
		VMP-29-10-012716	1/27/2016	<0.021	U		0.0026	J		<0.0063	U		<0.0053	J	U	<0.0046	U					0.013	J		<0.0063	U	
		VMP-29-10-050216	5/2/2016	0.0032	J		0.0078	J		0.0024	J		0.0022	J		<0.0049	U					0.015			<0.0066	U	
		VMP-29-10-072816	7/28/2016	<0.024	U		0.0047	J		<0.0071	U		<0.0059	U		<0.021	U					0.011	J		<0.0071	U	
		VMP-29-10-120916	12/9/2016	<0.02	U		0.0052	J		<0.006	U		0.0016	J		<0.018	U		<0.013	U		0.013			<0.006	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	20 ft	VMP-29-20-020515	2/5/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.044			<0.0066	U	
		VMP-29-20-050615	5/6/2015	0.011	J		0.018		J	<0.0071	J	U	0.012			<0.0052	U					0.015		J	<0.0071	U	
		VMP-29-20-072715	7/27/2015	0.013	J		0.031			0.012			0.0075			<0.0064	U					0.014	J		<0.0088	U	
		VMP-29-20-103015	10/30/2015	0.017	J		0.016			0.0063	J		<0.0055	J	U	<0.0048	U					0.053			<0.0066	U	
	18 ft	VMP-29-20-020416-R	2/4/2016	<0.025	U		0.0053	J		0.0009	J		<0.0064	U		<0.0056	U					0.0089	J		<0.0076	U	
		VMP-29-20-050216	5/2/2016	<0.021	U		0.0066	J		<0.0064	U		0.0026	J		<0.0047	U					0.0075	J		<0.0064	U	
		VMP-29-20-072816	7/28/2016	<0.046	U		0.014	J		0.0029	J		0.0058	J		<0.041	U					0.049			<0.014	U	
		VMP-29-18-110316	11/3/2016	<0.043	U		<0.031	U		<0.013	U		0.0048	J		<0.038	U		<0.028	U		0.016	J		<0.013	U	
	26 ft	VMP-29-30-020615	2/6/2015	<0.021	U		0.0084	J		<0.0063	U		<0.0053	U		<0.0046	U					0.01	J		<0.0063	U	
		VMP-29-30-050615	5/6/2015	0.0043	J		0.04		J	<0.0068	U		0.0078			<0.005	U					0.0076	J	J	<0.0068	U	
		VMP-29-30-050615-DUP	5/6/2015	0.0052	J		0.092		J	<0.0066	J	U	0.0085			<0.0048	U					0.01	J	J	<0.0066	U	
		VMP-29-30-080315	8/3/2015	0.012	J	J	0.0057	J		0.0083			0.0062			<0.0054	U					0.014	J		<0.0073	U	
		VMP-29-30-103015	10/30/2015	0.0039	J		0.0023	J		<0.0058	U		<0.0049	J	U	0.00071	J					0.016			<0.0058	U	
		VMP-29-30-012716	1/27/2016	0.0012	J		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0068	J		<0.0069	U	
		VMP-29-30-050216	5/2/2016	<0.079	U		<0.057	U		<0.024	U		<0.02	U		<0.017	U					0.006	J		<0.024	U	
		VMP-29-30-072816	7/28/2016	<0.054	U		0.017	J		<0.016	U		<0.013	U		<0.047	U					0.028	J		<0.016	U	
		VMP-29-26-110316	11/3/2016	<0.021	U		<0.015	U		0.0031	J		0.0036	J		<0.019	U		0.0051	J	J	0.0053	J		0.0035	J	
		VMP-29-26-110316-Dup	11/3/2016	<0.021	U		0.0042	J		0.0028	J		0.0033	J		<0.018	U		0.006	J	J	0.0071	J		0.0035	J	
VMP-30	10 ft	VMP-30-10-020615	2/6/2015	<0.022	U		0.007	J		<0.0066	U		<0.0055	U		<0.0048	U					0.029			<0.0066	U	
		VMP-30-10-050515	5/5/2015	0.0026	J		0.0096	J		<0.0057	U		0.0026	J		<0.0042	U					0.044			<0.0057	U	
		VMP-30-10-072715	7/27/2015	0.0089	J		0.015			0.0056	J		0.004	J		<0.0047	U					0.011	J		<0.0064	U	
		VMP-30-10-103015	10/30/2015	0.018	J	J	0.0032	J		0.0031	J		0.0019	J		<0.0045	U					0.023			<0.0062	U	
		VMP-30-10-020416	2/4/2016	0.003	J		<0.016	U		0.0028	J		<0.0054	U		<0.0048	U					0.0043	J		<0.0065	U	
		VMP-30-10-050216	5/2/2016	<0.021	U		0.0034	J		<0.0063	U		<0.0053	U		<0.0046	U					0.0014	J		<0.0063	U	
		VMP-30-10-072816	7/28/2016	<0.09	U		<0.065	U		<0.027	U		<0.022	U		<0.079	U					0.0089	J		<0.027	U	
		VMP-30-10-110316	11/3/2016	<0.021	U		0.005	J		0.0021	J		0.0026	J		<0.018	U		0.0026	J	J	0.0056	J		0.0042	J	
	18 ft	VMP-30-20-020615	2/6/2015	<0.021	U		0.021			<0.0062	U		<0.0052	U		<0.0045	U					0.02			<0.0062	U	
		VMP-30-20-050515	5/5/2015	0.0036	J		0.0058	J		<0.0066	J	U	0.0029	J		<0.0048	U					0.024			<0.0066	U	
		VMP-30-20-072715	7/27/2015	0.013	J		0.019	J		0.0097	J		0.01	J		<0.012	U					0.012	J		<0.016	U	
		VMP-30-20-103015	10/30/2015	0.016	J	J	0.013	J		0.0029	J		0.0029	J		<0.0052	U					0.02			<0.0071	U	
		VMP-30-20-012716	1/27/2016	0.00093	J		0.0089	J		0.0023	J		<0.0054	J	U	<0.0048	U					0.023			0.0031	J	
		VMP-30-20-050216	5/2/2016	<0.025	U		0.0023	J		<0.0074	U		0.0049	J		<0.0054	U					<0.015	U		<0.0074	U	
		VMP-30-20-072816	7/28/2016	<0.1	U		<0.072	U		<0.03	U		0.017	J		<0.088	U					<0.06	U		<0.03	U	
		VMP-30-18-110316	11/3/2016	<0.021	U		0.0054	J		0.002	J		0.003	J		<0.019	U		0.0013	J	J	0.0068	J		0.0029	J	
	26 ft	VMP-30-30-020615	2/6/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.024			<0.0068	U	
		VMP-30-30-050515	5/5/2015	0.0049	J		0.038			<0.0063	U		0.0037	J		<0.0046	U					0.027			<0.0063	U	
		VMP-30-30-050515-DUP	5/5/2015	<0.023	U		0.042			<0.0068	J	U	0.0031	J		<0.005	U					0.032			<0.0068	U	
		VMP-30-30-072715	7/27/2015	0.011	J		0.018			0.01			0.005	J		<0.0053	U					0.014	J		<0.0072	U	
		VMP-30-30-103015	10/30/2015	0.019	J	J	0.0034	J		0.0027	J		<0.0049	U		<0.0043	U					0.026			<0.0059	U	
		VMP-30-30-012716	1/27/2016	0.0029	J		0.01	J		<0.0064	U		<0.0053	U		<0.0047	U					0.014			<0.0064	U	
		VMP-30-30-050216	5/2/2016	<0.025	U		0.0019	J		<0.0074	U		<0.0062	U		<0.0054	U					0.0018	J		<0.0074	U	
		VMP-30-30-072816	7/28/2016	<0.2	U		<0.14	U		<0.06	U		<0.05	U		<0.18	U					<0.12	U		<0.06	U	
		VMP-30-30-072816-DUP	7/28/2016	<0.16	U		<0.11	U		<0.047	U		<0.039	U		<0.14	U					<0.094	U		<0.047	U	
		VMP-30-26-110316	11/3/2016	<0.023	U		0.0067	J		0.0025	J		0.0028	J		<0.02	U		<0.014	U		0.0083	J		0.0035	J	
VMP-32	5 ft	VMP-32-5-021015	2/10/2015	<0.017	U		0.011	J		<0.0051	U		<0.0042	U		<0.0037	U					0.0079	J		<0.0051	U	
		VMP-32-5-073115	7/31/2015	<0.023	U	UJ	<0.016	U	UJ	<0.0068	U	UJ	0.0018	J	J	<0.005	U	UJ				0.0056	J	J	<0.0068	U	UJ
		VMP-32-5-082415	8/24/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.0049	J		<0.0066	U	
		VMP-32-5-110415	11/4/2015	0.0018	J		0.0096	J		<0.0074	U		<0.0062	J	U	<0.0054	U					0.0085	J		<0.0074	U	
		VMP-32-5-012616	1/26/2016	<0.02	U		0.0023	J		<0.0061	U		<0.0051	J	U	<0.0045	U					0.0026	J		<0.0061	U	
		VMP-32-5-042716	4/27/2016	<0.022	U		0.021			0.0012	J		<0.0056	U		<0.0049	U					0.027			<0.0067	U	
		VMP-32-5-072616	7/26/2016	<0.024	U		0.0018	J		<0.0071	U		<0.0059	U		<0.021	U					0.0016	J		<0.0071	U	
		VMP-32-5-102716	10/27/2016	<0.02	U		0.011	J		<0.0059	U		<0.005	U		<0.017	U		<0.013	U		0.045			<0.0059	U	
	10 ft	VMP-32-10-021015	2/10/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0054	J		<0.006	U	
		VMP-32-10-051115	5/11/2015	<0.026	U	UJ	0.0016	J	J	<0.0078	U	UJ	0.0011	J	J	<0.0057	U	UJ				0.0016	J	J	<0.0078	U	UJ
		VMP-32-10-052915-R	5/29/2015	<0.023	U		0.018			<0.0069	U		0.00094	J		<0.0051	U					0.0016	J		<0.0069	U	
		VMP-32-10-110415	11/4/2015	0.00086	J		0.0043	J		<0.0066	U		0.0012	J		<0.0048	U					0.01	J		<0.0066	U	
		VMP-32-10-012616	1/26/2016	<0.021	U		0.0031	J		<0.0064	U		<0.0054	U		<0.0047	U					0.012	J		<0.0064	U	
		VMP-32-10-042716	4/27/2016	<0.02	U		0.0058	J		<0.0061	U		<0.0051	U		<0.0045	U					0.012	J		<0.0061	U	
		VMP-32-10-072616	7/26/2016	<0.021	U		0.014	J		0.0014	J		<0.0054	U		<0.019	U					0.013			0.0032	J	
		VMP-32-10-102716	10/27/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.014	U		0.0066	J		<0.0064	U	
	20 ft	VMP-32-20-021015	2/10/2015	<0.022	U		0.0044	J		<0.0067	U		<0.0056	U		<0.0049	U					0.0064	J		<0.0067	U	
		VMP-32-20-051115	5/11/2015	0.0012	J		<0.016	U		<0.0066	U		0.001	J		<0.0048	U					0.0038	J		<0.0066	U	
		VMP-32-20-080315	8/3/2015	<0.022	U		0.0042	J		<0.0066	U		<0.0055	U		<0.0049	U					<0.013	U		<0.0066	U	
		VMP-32-20-110415	11/4/2015	0.0014	J		0.014	J		<0.0065	U		<0.0054	J	U	<0.0048	U					0.0092	J		<0.0065	U	
		VMP-32-20-110415-DUP	11/4/2015	<0.023	U		0.012	J		<0.007	U		<0.0058	J	U	<0.0052	U					0.028			<0.007	U	
		VMP-32-20-021616	2/16/2016	0.00074	J		0.0018	J		<0.0056	U		<0.0047	U		<0.0041	U					0.031			<0.0056	U	
		VMP-32-20-042716	4/27/2016	<0.023	U		0.035			<0.0069	U		<0.0057	U		<0.005	U					0.18			<0.0069	U	
		VMP-32-20-082616-R	8/29/2016	<0.028	U		<0.02	U		<0.0085	U		<0.0071	U		<0.025	U					0.047			<0.0085	U	
		VMP-32-20-102716	10/27/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		<0.012	U		<0.0062	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	30 ft	VMP-32-30-021015	2/10/2015	<0.021	U		0.051			<0.0062	U		<0.0052	U		<0.0045	U					0.0032	J		<0.0062	U	
		VMP-32-30-050515	5/5/2015	<0.022	U		0.0022	J		<0.0065	U		<0.0054	U		<0.0048	U					0.012	J		<0.0065	U	
		VMP-32-30-073115	7/31/2015	0.0044	J	J	0.0043	J	J	0.0013	J	J	0.002	J	J	<0.005	U	UJ				0.0076	J	J	0.0038	J	J			
		VMP-32-30-073115-DUP	7/31/2015	<0.025	U	UJ	<0.018	U	UJ	0.00094	J	J	0.0018	J	J	<0.0056	U	UJ				<0.015	U	UJ	0.0028	J	J			
		VMP-32-30-082415	8/24/2015	<0.023	U		0.0053	J		<0.0069	U		<0.0057	U		<0.005	U					<0.014	U		<0.0069	U			
		VMP-32-30-082415-DUP	8/24/2015	<0.022	U		0.0059	J		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U			
		VMP-32-30-110415	11/4/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0052	U					0.0038	J		<0.0072	U			
		VMP-32-30-020216	2/2/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.013			<0.0063	U			
		VMP-32-30-042716	4/27/2016	<0.024	U		0.016	J		<0.0071	U		<0.0059	U		<0.0052	U					0.02			<0.0071	U			
		VMP-32-30-072616	7/26/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U					<0.014	U		<0.0069	U			
		VMP-32-30-102716	10/27/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		<0.013	U		<0.0065	U			
VMP-41	10 ft	VMP-41-10-020415	2/4/2015	<0.02	U		0.0022	J		<0.0059	U		<0.005	U		<0.0044	U					0.013			<0.0059	J	U		
		VMP-41-10-020415-DUP	2/4/2015	<0.02	U		0.0017	J		<0.006	U		<0.005	U		<0.0044	U					0.012			<0.006	U			
		VMP-41-10-043015	4/30/2015	0.0035	J		<0.017	U		<0.0072	U		0.0049	J		<0.0053	U					0.042			<0.0072	U			
		VMP-41-10-072815	7/28/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0097	J		<0.0067	U			
		VMP-41-10-110215	11/2/2015	<0.022	U		0.0065	J		<0.0065	U		<0.0054	U		<0.0048	U					0.032			<0.0065	U			
		VMP-41-10-012716	1/27/2016	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0041	J		<0.006	U			
		VMP-41-10-050216	5/2/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0028	J		<0.0063	U			
		VMP-41-10-072816	7/28/2016	<0.02	U		0.015			<0.0059	U		<0.005	U		<0.017	U					0.067			<0.0059	U			
		VMP-41-10-102416	10/24/2016	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.022	U		<0.016	U		<0.015	U		<0.0074	U			
	20 ft	VMP-41-20-020415	2/4/2015	<0.021	U		0.002	J		<0.0062	U		<0.0052	U		<0.0045	U					0.0069	J		<0.0062	U			
		VMP-41-20-043015	4/30/2015	<0.51	U		<0.37	U		<0.15	U		<0.13	U		<0.11	U					0.087	J		<0.15	U			
		VMP-41-20-072815	7/28/2015	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.0036	J		<0.0071	U			
		VMP-41-20-110215	11/3/2015	0.0012	J		<0.016	U		<0.0068	U		0.00096	J		<0.005	U					0.049			<0.0068	U			
		VMP-41-20-012716	1/27/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U		<0.0065	U			
		VMP-41-20-050216	5/2/2016	0.0022	J		0.0043	J		<0.0058	U		<0.0048	U		<0.0042	U					0.0062	J		<0.0058	U			
		VMP-41-20-072816	7/28/2016	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.021	U					0.0054	J		<0.0073	U			
		VMP-41-20-102416	10/24/2016	0.0027	J		<0.014	U		<0.0058	U		0.0024	J		<0.017	U		<0.012	U		<0.012	J	U	<0.0058	U			
	26 ft	VMP-41-30-020415	2/4/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.004	J		<0.0063	U			
		VMP-41-30-043015	4/30/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	J	U	<0.0048	U					0.0058	J		<0.0065	U			
		VMP-41-30-043015-DUP	4/30/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	J	U	<0.0049	U					0.0041	J		<0.0067	U			
		VMP-41-30-110215	11/2/2015	<0.022	U		0.0038	J		<0.0066	U		<0.0055	U		<0.0048	U					0.02			<0.0066	U			
		VMP-41-30-110215-DUP	11/2/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	J	U	<0.0048	U					0.013			<0.0066	U			
		VMP-41-30-012716	1/27/2016	<0.022	U		0.0031	J		<0.0065	U		<0.0054	U		<0.0047	U					0.0043	J		<0.0065	U			
		VMP-41-30-012716-DUP	1/27/2016	<0.021	U		0.0035	J		<0.0062	U		<0.0052	U		<0.0046	U					0.003	J		<0.0062	U			
		VMP-41-30-050216	5/2/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0017	J		<0.0065	U			
		VMP-41-30-072816	7/28/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U					0.043		J	<0.0068	U			
		VMP-41-30-072816-DUP	7/28/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U					0.011	J	J	<0.0069	U			
		VMP-41-26-102416	10/24/2016	<0.019	U		0.014			<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		0.028			<0.0058	U			
		VMP-41-30-072815	7/28/2015	<0.026	U		<0.019	U		<0.0078	U		<0.0065	U		<0.0057	U					<0.016	U		<0.0078	U			
VMP-42	10 ft	VMP-42-10-020315	2/3/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					<0.012	J	U	<0.0063	U			
		VMP-42-10-042915	4/29/2015	<0.02	U		<0.015	U		<0.0062	U		<0.0051	J	U	<0.0045	U					0.0014	J		<0.0062	U			
		VMP-42-10-072115	7/21/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.011	J		<0.0065	U			
		VMP-42-10-102715	10/27/2015	<0.02	U		0.002	J		<0.006	U		<0.005	U		<0.0044	U					<0.012	J	UJ	<0.006	U			
		VMP-42-10-020116	2/1/2016	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.0043	U					0.0055	J		<0.0058	U			
		VMP-42-10-042616	4/26/2016	<0.023	U		0.071			<0.0069	U		<0.0058	U		<0.0051	U					0.0024	J		<0.0069	U			
		VMP-42-10-072616	7/26/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					0.0099	J		<0.0072	U			
		VMP-42-10-102716	10/27/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		<0.013	U		0.011	J		<0.0063	U			
	20 ft	VMP-42-20-020315	2/3/2015	0.0049	J		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	J	U	<0.0071	U			
		VMP-42-20-042915	4/29/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	J	U	<0.0053	U					0.002	J		<0.0072	U			
		VMP-42-20-072115	7/21/2015	0.0018	J	J	<0.015	J	U	<0.0063	U		<0.0053	U		<0.0046	U					<0.013	J	U	0.00076	J			
		VMP-42-20-102715	10/27/2015	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.0055	U					0.014	J	J	<0.0075	U			
		VMP-42-20-020116	2/1/2016	<0.022	U		0.0037	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0048	J		<0.0065	U			
		VMP-42-20-042616	4/26/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0047	J		<0.0069	U			
		VMP-42-20-072616	7/26/2016	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.021	U					0.014	J		<0.0073	U			
		VMP-42-20-102676	10/27/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.014	U		0.01	J		<0.0066	U			
	30 ft	VMP-42-30-020315	2/3/2015	<0.023	U		0.003	J		<0.0069	U		<0.0057	U		<0.005	U					<0.014	J	U	<0.0069	U			
		VMP-42-30-042915	4/29/2015	0.00099	J		0.0014	J		<0.0062	U		0.002	J		<0.0045	U					0.0027	J		<0.0062	U			
		VMP-42-30-080315	8/3/2015	<0.022	U		<0.016	U		<0.0066	U		0.0021	J		<0.0048	U					0.0072	J		<0.0066	U			
		VMP-42-30-080315-DUP	8/3/2015	<0.021	ND,UJ	UJ	<0.015	U		0.00061	J		0.0022	J		<0.0047	U					0.009	J		<0.0064	U			
		VMP-42-30-102715	10/27/2015	<0.021	U		0.0025	J		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	J	UJ	<0.0062	U			
		VMP-42-30-020116	2/1/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.0029	J		<0.0066	U			
		VMP-42-30-042616	4/26/2016	<0.026	U		<0.019	U		<0.0078	U		<0.0065	U		<0.0058	U					0.022			<0.0078	U			
		VMP-42-30-072616	7/26/2016	<0.021	U		0.0089	J		<0.0062	U		<0.0052	U		<0.018	U					0.025			<0.0062	U			
		VMP-42-30-102716	10/27/2016	<0.022	U		0.011	J		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.041			<0.0065	U			
		VMP-42-30-102716-Dup	10/27/2016	<0.041	U		<0.03	U		<0.012	U		<0.01	U		<0.036	U		<0.026	U		0.015	J		<0.012	U			
VMP-43	10 ft	VMP-43-10-021015	2/10/2015	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.004	U					0.0064	J		<0.0054	U			
		VMP-43-10-050515	5/5/2015	<0.023	U		0.0029	J		<0.0069	U		0.0043	J		<0.0051	U					0.038			<0.0069	U			
		VMP-43-10-072115	7/21/2015	<0.022	U		0.0064	J		<0.0067	U		<0.0056	U		<0.0049	U					0.012	J		<0.0067	U			
		VMP-43-10-102915	10/29/2015	<0.025	U		0.0036	J		<0.0076	U		<0.0063	U		<0.0056	U					0.0054	J		<0.0076	U			
		VMP-43-10-020116	2/1/2016	<0.024	U		0.0033	J		<0.0073	U		<0.0061	U		<0.0053	U					0.0031	J		<0.0073	U			
		VMP-43-10-042716	4/27/2016	0.0036	J		0.023			<0.0073	U		<0.0061	U		<0.0053	U					0.01	J		<0.0073	U			
		VMP-43-10-072716	7/27/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U					0.0098	J		<0.0063	U			
		VMP-43-10-102616	10/26/2016	<0.019	U		0.0076	J		<0.0056	J	U	0.004	J		<0.016	U		0.00061	J	J	0.033			<0.0056	J	U		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	20 ft	VMP-43-20-021215	2/12/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0032	J		<0.006	U	
		VMP-43-20-021215-DUP	2/12/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0025	J		<0.006	U	
		VMP-43-20-050515	5/5/2015	<0.022	U		0.0017	J		<0.0066	U		<0.0055	U		<0.0049	U					0.0033	J		<0.0066	U	
		VMP-43-20-072115	7/21/2015	0.0041	J		<0.02	U		0.001	J		0.0018	J		<0.006	U					0.0091	J		<0.0082	U	
		VMP-43-20-102915	10/29/2015	0.0024	J	J	0.0042	J		<0.0059	U		<0.0049	U		<0.0043	U					0.011	J		<0.0059	U	
		VMP-43-20-102915-DUP	10/29/2015	<0.019	U		<0.014	U		<0.0058	U		0.0012	J		<0.0043	U					0.013			<0.0058	U	
		VMP-43-20-020116	2/1/2016	<0.034	U		0.012	J		<0.01	U		<0.0086	U		<0.0076	U					0.014	J		<0.01	U	
		VMP-43-20-042716	4/27/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	J	U	<0.0066	U	
		VMP-43-20-072716	7/27/2016	0.0022	J		0.0046	J		0.0019	J		<0.006	U		<0.021	U					0.018			<0.0072	U	
		VMP-43-20-102616	10/26/2016	<0.021	U		0.0038	J		<0.0064	U		<0.0054	U		<0.019	U		<0.014	U		0.0036	J		<0.0064	J	U
	30 ft	VMP-43-30-050515	5/5/2015	<0.024	U		0.0074	J		<0.0074	J	U	0.0036	J		<0.0054	U					0.011	J		<0.0074	J	U
		VMP-43-30-050515-DUP	5/5/2015	<0.021	U		<0.015	U		<0.0064	U		0.0021	J		<0.0047	U					0.0071	J		<0.0064	U	
		VMP-43-30-072115	7/21/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0077	J		<0.0067	U	
		VMP-43-30-102915	10/29/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0035	J		<0.006	U	
		VMP-43-30-020116	2/1/2016	<0.023	U		0.0046	J		<0.0068	U		<0.0056	U		<0.005	U					0.011	J		<0.0068	U	
		VMP-43-30-042716	4/27/2016	0.0012	J		0.0025	J		<0.0076	U		<0.0064	U		<0.0056	U					0.0023	J		<0.0076	U	
		VMP-43-30-042716-DUP	4/27/2016	0.002	J		0.011	J		<0.0069	U		<0.0058	U		<0.0051	U					0.0041	J		<0.0069	U	
		VMP-43-30-072716	7/27/2016	0.0012	J		<0.017	U		<0.007	U		<0.0058	U		<0.02	U					0.0065	J		<0.007	U	
		VMP-43-30-102616	10/26/2016	<0.021	U		0.0058	J		<0.0063	U		<0.0053	U		<0.019	U		<0.014	U		0.021			<0.0063	J	U
		VMP-43-30-102616-Dup	10/26/2016	<0.022	U		0.0061	J		<0.0067	U		<0.0056	U		<0.02	U		<0.014	U		0.013	J		<0.0067	U	
VMP-44	10 ft	VMP-44-10-020415	2/4/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0059	J		<0.0062	U	
		VMP-44-10-050115	5/1/2015	0.0011	J		0.0018	J		<0.0068	U		<0.0056	J	U	<0.005	U					0.022			<0.0068	U	
		VMP-44-10-072415	7/24/2015	0.0026	J	J	<0.017	J	U	<0.0071	U		0.0031	J		<0.0052	U					0.01	J	J	<0.0071	U	
		VMP-44-10-102815	10/28/2015	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U					0.0093	J		<0.0074	U	
		VMP-44-10-012516	1/25/2016	<0.02	U		0.0012	J		<0.0059	U		<0.005	J	U	<0.0044	U					0.011	J		0.0029	J	
		VMP-44-10-042816	4/28/2016	<0.023	ND,UJ	UJ	<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-44-10-072716	7/27/2016	0.0013	J		<0.017	U		<0.007	U		<0.0059	U		<0.021	U					0.0019	J		<0.007	U	
		VMP-44-10-102716	10/27/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.008	J		<0.0065	U	
	20 ft	VMP-44-20-020415	2/4/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.004	J		<0.0062	U	
		VMP-44-20-051115	5/11/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0058	J		<0.006	U	
		VMP-44-20-072415	7/24/2015	0.0018	J	J	0.0088	J	J	<0.0063	U		<0.0053	U		<0.0046	U					0.01	J	J	<0.0063	U	
		VMP-44-20-102815	10/28/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.007	J		<0.0066	U	
		VMP-44-20-020216-R	2/2/2016	<0.022	U		<0.016	U		0.0012	J		<0.0056	U		<0.0049	U					0.016			0.0025	J	
		VMP-44-20-042816	4/28/2016	<0.026	U		<0.019	U		<0.0079	U		<0.0066	U		<0.0058	U					0.019			<0.0079	U	
		VMP-44-20-072716	7/27/2016	<0.027	U		<0.019	U		<0.008	U		<0.0067	U		<0.024	U					0.0084	J		<0.008	U	
		VMP-44-20-102716	10/27/2016	<0.022	U		0.012	J		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.023			<0.0065	U	
	30 ft	VMP-44-30-020415	2/4/2015	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					0.0041	J		<0.0064	U	
		VMP-44-30-051115	5/11/2015	0.00091	J		0.003	J		<0.0062	U		0.0011	J		<0.0046	U					0.0015	J		<0.0062	U	
		VMP-44-30-072415	7/24/2015	0.0014	J	J	<0.015	J	U	<0.0061	U		<0.0051	U		<0.0045	U					0.005	J	J	<0.0061	U	
		VMP-44-30-102815	10/28/2015	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U					0.0074	J		<0.0074	U	
		VMP-44-30-012516	1/25/2016	<0.021	U		0.0028	J		<0.0063	U		<0.0052	U		<0.0046	U					0.0044	J		<0.0063	U	
		VMP-44-30-050516	5/5/2016	<0.028	U		<0.02	U		<0.0086	U		<0.0071	U		<0.0063	U					0.0022	J		<0.0086	U	
		VMP-44-30-072716	7/27/2016	0.0019	J		<0.018	U		<0.0075	U		<0.0063	U		<0.022	U					0.0066	J		<0.0075	U	
		VMP-44-30-102716	10/27/2016	<0.02	U		0.031			<0.0061	U		<0.0051	U		<0.018	U		<0.013	U		0.064			<0.0061	U	
VMP-45	10 ft	VMP-45-10-020615	2/6/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.0076	J		<0.0066	U	
		VMP-45-10-051215	5/12/2015	<0.021	U		0.043			<0.0064	U		<0.0053	U		<0.0047	U					0.0042	J		<0.0064	U	
		VMP-45-10-072115	7/21/2015	0.0018	J	J	0.081			<0.0066	U		<0.0055	U		<0.0048	U					0.011	J		<0.0066	U	
		VMP-45-10-102815	10/28/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.0046	J		<0.0068	U	
		VMP-45-10-030916-R	3/9/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0026	J		<0.0065	U	
		VMP-45-10-042816	4/28/2016	<0.024	ND,UJ	UJ	0.0081	J		<0.0073	U		<0.0061	U		<0.0054	U					0.0018	J		<0.0073	U	
		VMP-45-10-082616	8/26/2016	0.0017	J		0.038			<0.0054	U		0.0013	J		<0.016	U					0.06			<0.0054	U	
		VMP-45-10-102816	10/28/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		<0.014	U		0.02			<0.0063	U	
	20 ft	VMP-45-20-020615	2/6/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.006	J		<0.0062	U	
		VMP-45-20-042915	4/29/2015	0.0016	J		0.0056	J		<0.0073	U		<0.0061	J	U	<0.0054	U					0.011	J		<0.0073	U	
		VMP-45-20-072115	7/21/2015	0.0015	J	J	<0.019	J	U	<0.0078	U		<0.0065	U		<0.0058	U					<0.016	J	U	<0.0078	U	
		VMP-45-20-102815	10/28/2015	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					0.0059	J		<0.0059	U	
		VMP-45-20-012516	1/25/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	J	U	<0.0048	U					0.0075	J		<0.0065	U	
		VMP-45-20-042816	4/28/2016	0.003	J	J	0.0027	J		0.00072	J		0.0047			<0.0038	U					0.018			<0.0052	U	
		VMP-45-20-072716	7/27/2016	0.0011	J		<0.018	U		<0.0076	U		<0.0063	U		<0.022	U					0.0026	J		<0.0076	U	
		VMP-45-20-102816	10/28/2016	<0.022	U		0.0099	J		<0.0066	U		<0.0055	U		<0.019	U		<0.014	U		0.019			<0.0066	U	
	30 ft	VMP-45-30-020615	2/6/2015	<0.022	U		0.0086	J		<0.0065	U		<0.0054	U		<0.0048	U					0.011	J		<0.0065	U	
		VMP-45-30-020615-DUP	2/6/2015	<0.021	U		0.0097	J		<0.0063	U		<0.0053	U		<0.0046	U					0.01	J		<0.0063	U	
		VMP-45-30-042915	4/29/2015	0.001	J		0.0022	J		<0.0069	U		0.0022	J		<0.0051	U					0.098			<0.0069	U	
		VMP-45-30-072115	7/21/2015	0.0015	J	J	0.0069	J		<0.0074	U		<0.0062	U		<0.0055	U					<0.015	J	U	<0.0074	U	
		VMP-45-30-072115-DUP	7/21/2015	0.0021	J	J	<0.017	J	U	<0.0071	U		<0.0059	U		<0.0052	U					0.0098	J		<0.0071	U	
		VMP-45-30-102815	10/28/2015	0.003	J	J	0.0039	J		<0.0058	U		<0.0049	U		<0.0043	U					0.0039	J		<0.0058	U	
		VMP-45-30-012516	1/25/2016	<0.023	U		0.0036	J		0.0049	J		<0.0057	U		<0.005	U					0.01	J		0.014		
		VMP-45-30-042816	4/28/2016	<0.02	ND,UJ	UJ	<0.014	U		<0.006	U		<0.005	U		<0.0044	U					<0.012	U		<0.006	U	
		VMP-45-30-042816-DUP	4/28/2016	<0.02	ND,UJ	UJ	<0.015	U		<0.0062	U		<0.0051	U		<0.0045	U					0.0025	J		<0.0062	U	
		VMP-45-30-072716	7/27/2016	0.0025	J		0.0036	J		<0.0067	U		<0.0056	U		<0.02	U					0.0053	J		<0.0067	U	
		VMP-45-30-102816	10/28/2016	<0.021	U		0.01	J		<0.0064	U		<0.0053	U		<0.019	U		<0.014	U		0.022			<0.0064	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-020215	2/2/2015	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					0.0036	J		<0.0061	J	U
		VMP-47-5-042815	4/28/2015	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		0.001	J					<0.014	U		<0.0069	U	
		VMP-47-5-072115	7/21/2015	<0.025	U		0.0054	J		<0.0076	U		<0.0064	U		<0.0056	U					<0.015	J	U	<0.0076	U	
		VMP-47-5-102715	10/27/2015	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					<0.015	U		<0.0073	U	
		VMP-47-5-012916	1/29/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0052	J		<0.0067	U	
		VMP-47-5-042516	4/25/2016	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					0.014	J		<0.0073	U	
		VMP-47-5-072516	7/25/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U					0.0031	J		<0.007	U	
		VMP-47-5-102616	10/26/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.014	U		0.0077	J		<0.0066	U	
	10 ft	VMP-47-10-020215	2/2/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	J	U	<0.0062	U	
		VMP-47-10-042815	4/28/2015	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		0.0086						0.0072	J		<0.0074	U	
		VMP-47-10-072115	7/21/2015	0.0014	J	J	<0.018	U		<0.0076	U		<0.0064	U		0.0066						<0.015	J	U	<0.0076	U	
		VMP-47-10-102715	10/27/2015	0.0035	J	J	<0.016	U		<0.0069	U		<0.0057	U		<0.005	U					<0.014	J	UJ	<0.0069	U	
		VMP-47-10-012916	1/29/2016	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					0.0051	J		<0.0059	U	
		VMP-47-10-042516	4/25/2016	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					<0.015	J	U	0.00094	J	
		VMP-47-10-080216	8/2/2016	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U					0.0035	J		<0.0055	U	
		VMP-47-10-102616	10/26/2016	<0.019	U		0.0042	J		<0.0057	U		<0.0048	U		<0.017	U		<0.012	U		0.053			<0.0057	U	
	20 ft	VMP-47-20-020215	2/2/2015	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					<0.012	J	U	<0.0061	U	
		VMP-47-20-042815	4/28/2015	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		0.0021	J					0.042			<0.0071	U	
		VMP-47-20-072115	7/21/2015	0.0033	J	J	0.072			<0.0074	U		<0.0062	U		0.0022	J					<0.015	J	U	<0.0074	U	
		VMP-47-20-102715	10/27/2015	<0.021	U		0.0021	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0066	J	J	<0.0062	U	
		VMP-47-20-012916	1/29/2016	<0.02	U		0.0052	J		<0.0059	U		<0.0049	U		<0.0043	U					0.017			<0.0059	U	
		VMP-47-20-042516	4/25/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					<0.014	J	U	<0.0072	U	
		VMP-47-20-072516	7/25/2016	<0.024	U		0.0098	J		<0.0071	U		<0.0059	U		<0.021	U					0.014	J		<0.0071	U	
		VMP-47-20-102616	10/26/2016	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.013	U		0.012	J		<0.0061	U	
	30 ft	VMP-47-30-020215	2/2/2015	<0.022	U		0.002	J		<0.0065	U		0.0011	J		<0.0048	U					0.0068	J		<0.0065	U	
		VMP-47-30-020215-DUP	2/2/2015	<0.02	U		0.0021	J		<0.0061	U		<0.005	U		<0.0044	U					0.011	J		<0.0061	U	
		VMP-47-30-042815	4/28/2015	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		0.0018	J					0.0079	J		<0.0058	U	
		VMP-47-30-042815-DUP	4/28/2015	<0.023	U		0.0031	J		<0.007	U		<0.0058	U		0.00082	J					0.0059	J		<0.007	U	
		VMP-47-30-072115	7/21/2015	0.0069	J	J	0.005	J		0.0024	J		<0.0061	U		0.0028	J					0.021			<0.0073	U	
		VMP-47-30-102715	10/27/2015	<0.019	U		0.0045	J		<0.0056	U		<0.0047	U		<0.0041	U					0.011	J	J	<0.0056	U	
		VMP-47-30-102715-DUP	10/27/2015	<0.02	U		0.0044	J		<0.006	U		<0.005	U		<0.0044	U					0.013		J	<0.006	U	
		VMP-47-30-012916-DUP	1/29/2016	<0.02	U		0.025			<0.0061	U		<0.0051	U		<0.0045	U					0.0064	J		<0.0061	U	
		VMP-47-30-042516	4/25/2016	<0.024	U		<0.017	U		0.0028	J		<0.006	U		<0.0053	U					<0.014	J	U	0.0048	J	
		VMP-47-30-042516-DUP	4/25/2016	<0.027	U		<0.02	U		<0.0068	U		<0.006	U		<0.006	U					0.012	J		<0.0082	U	
		VMP-47-30-072516	7/25/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.021	U					<0.014	U		<0.007	U	
		VMP-47-30-102616	10/26/2016	<0.023	U		<0.016	U		<0.0068	U		0.004	J		<0.02	U		0.00085	J	J	0.0068	J		<0.0068	J	U
VMP-48	5 ft	VMP-48-5-020215	2/2/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0041	J		<0.0067	U	
		VMP-48-5-042815	4/28/2015	0.0033	J		0.011	J		<0.0064	U		0.0071			<0.0047	U					0.02			<0.0064	U	
		VMP-48-5-072115	7/21/2015	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					<0.015	U		<0.0073	U	
		VMP-48-5-102015	10/20/2015	<0.022	U		0.0049	J		<0.0067	U		0.002	J		<0.0049	U					0.0029	J		<0.0067	U	
		VMP-48-5-012916	1/29/2016	<0.026	U		0.0075	J		<0.0077	U		<0.0064	U		<0.0057	U					0.024			<0.0077	U	
		VMP-48-5-042516	4/25/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0047	U					<0.013	J	U	<0.0065	U	
		VMP-48-5-072516	7/25/2016	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.022	U					0.021			<0.0075	U	
		VMP-48-5-102616	10/26/2016	<0.018	U		0.0068	J		<0.0056	U		<0.0046	U		<0.016	U		<0.012	U		0.045			<0.0056	U	
	10 ft	VMP-48-10-020215	2/2/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0034	J		<0.006	J	U
		VMP-48-10-042815	4/28/2015	0.0025	J		0.0044	J		<0.0067	U		0.004	J		<0.0049	U					0.011	J		<0.0067	U	
		VMP-48-10-042815-DUP	4/28/2015	0.0031	J		0.0043	J		<0.0063	U		0.0045	J		<0.0046	U					0.011	J		<0.0063	U	
		VMP-48-10-072115	7/21/2015	<0.023	U		0.0047	J		<0.0069	U		<0.0057	U		<0.005	U					<0.014	U		<0.0069	U	
		VMP-48-10-102015	10/20/2015	<0.022	U		0.0033	J		<0.0067	U		0.0017	J		<0.0049	U					0.0022	J		<0.0067	U	
		VMP-48-10-012916	1/29/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.0027	J		<0.0066	U	
		VMP-48-10-042516	4/25/2016	<0.022	U		0.0062	J		<0.0065	U		<0.0054	U		<0.0048	U					0.034			<0.0065	U	
		VMP-48-10-072516	7/25/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U					0.04			<0.0071	U	
		VMP-48-10-102616	10/26/2016	<0.021	U		0.004	J		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		0.007	J		<0.0062	U	
	20 ft	VMP-48-20-020215	2/2/2015	<0.019	U		<0.013	U		<0.0056	U		<0.0047	U		<0.0041	U					<0.011	J	U	<0.0056	J	U
		VMP-48-20-042815	4/28/2015	0.0013	J		0.0013	J		<0.006	U		<0.005	J	U	<0.0044	U					0.0044	J		<0.006	U	
		VMP-48-20-102015	10/20/2015	0.0012	J		0.0041	J		<0.0065	U		0.0018	J		<0.0047	U					0.0097	J		<0.0065	U	
		VMP-48-20-042516	4/25/2016	<0.025	U		0.0059	J		<0.0074	U		<0.0062	U		<0.0055	U					<0.015	J	U	<0.0074	U	
		VMP-48-20-102616	10/26/2016	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.013	U		0.0051	J		<0.0061	U	
	30 ft	VMP-48-30-020215	2/2/2015	<0.016	U		0.0068	J		<0.0049	U		<0.0041	U		<0.0036	U					0.0043	J		<0.0049	U	
		VMP-48-30-042815	4/28/2015	0.0017	J		0.0024	J		<0.0073	U		0.003	J		0.0014	J					0.0047	J		<0.0073	U	
		VMP-48-30-080315	8/3/2015	0.0039	J	J	<0.017	U		0.0027	J		0.004	J		<0.0053	U					0.0066	J		<0.0072	U	
		VMP-48-30-102015	10/20/2015	<0.022	U		0.012	J		<0.0067	U		0.0013	J		<0.0049	U					0.006	J		<0.0067	U	
		VMP-48-30-102015-DUP	10/20/2015	0.0014	J		0.01	J		<0.0067	U		<0.0056	U		<0.0049	U					0.0059	J		<0.0067	U	
		VMP-48-30-012916	1/29/2016	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0048	J		<0.0069	U	
		VMP-48-30-042516	4/25/2016	<0.026	U		0.034			0.0044	J		<0.0065	U		<0.0057	U					0.016			0.01		
		VMP-48-30-042516-DUP	4/25/2016	<0.023	U		0.029			0.0037	J		<0.0057	U		<0.005	U					0.019			0.0082		
		VMP-48-30-072516	7/25/2016	0.003	J		0.0088	J		<0.006	U		<0.005	U		<0.018	U					0.14			<0.006	U	
		VMP-48-30-102616	10/26/2016	<0.019	U		0.011	J		<0.0058	J	U	0.0023	J		<0.017	U		<0.012	U		0.18		J	0.0014	J	
		VMP-48-30-102616-Dup	10/26/2016	<0.021	U		0.005	J		<0.0063	U		<0.0053	U		<0.018	U		<0.013	U		0.006	J	J	<0.0063	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-020215	2/3/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.014	U		<0.0068	U	
		VMP-49-5-042815	4/28/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0057	J	U	<0.005	U					0.0025	J		<0.0068	U	
		VMP-49-5-073015	7/30/2015	0.0024	J		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0032	J		<0.0067	U	
		VMP-49-5-110315	11/3/2015	<0.024	U		0.0023	J		<0.0071	U		<0.0059	J	U	<0.0052	U					0.0064	J		<0.0071	U	
		VMP-49-5-020116	2/1/2016	<0.023	U		<0.017	U		<0.007	U		0.0052	J		<0.0051	U					0.022			<0.007	U	
		VMP-49-5-042616	4/26/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.015			<0.0067	U	
		VMP-49-5-080116	8/1/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U					0.0092	J		<0.0063	U	
		VMP-49-5-102716	10/27/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.0049	J		<0.0065	U	
	10 ft	VMP-49-10-020215	2/3/2015	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					0.0037	J		<0.0064	U	
		VMP-49-10-042815	4/28/2015	<0.03	U		<0.022	U		<0.0091	U		<0.0076	U		<0.0067	U					0.0039	J		<0.0091	U	
		VMP-49-10-073015	7/30/2015	<0.025	U		<0.018	U		<0.0074	U		0.002	J		<0.0054	U					0.0036	J		<0.0074	U	
		VMP-49-10-110315	11/3/2015	<0.024	U		0.0066	J		<0.0071	U		<0.0059	J	U	<0.0052	U					0.014			<0.0071	U	
		VMP-49-10-020116	2/1/2016	<0.024	U		0.004	J		<0.0071	U		<0.0059	U		<0.0052	U					0.088			<0.0071	U	
		VMP-49-10-042616	4/26/2016	<0.026	U		<0.019	U		<0.0079	U		<0.0066	U		<0.0058	U					0.016			0.0017	J	
		VMP-49-10-080116	8/1/2016	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U					0.0031	J		<0.0061	U	
		VMP-49-10-102716	10/27/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		<0.014	U		0.059			<0.0067	U	
	20 ft	VMP-49-20-020215	2/3/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					<0.012	U		<0.0063	U	
		VMP-49-20-073015	7/30/2015	<0.023	U		<0.016	U		<0.0069	U		<0.0057	U		<0.005	U					0.0039	J		<0.0069	U	
		VMP-49-20-110315	11/3/2015	<0.02	U		<0.014	U		<0.0059	U		<0.005	J	U	<0.0044	U					0.0029	J		<0.0059	U	
		VMP-49-20-020116	2/1/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.02			<0.0065	U	
		VMP-49-20-042616	4/26/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.009	J		<0.0063	U	
		VMP-49-20-080116	8/1/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U					0.0042	J		<0.0063	U	
		VMP-49-20-102716	10/27/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U		<0.014	U		0.0064	J		<0.0064	U	
	30 ft	VMP-49-30-020215	2/3/2015	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					0.0056	J		<0.0064	U	
		VMP-49-30-042815	4/28/2015	<0.025	U		0.0038	J		<0.0075	U		<0.0062	U		<0.0055	U					0.0021	J		<0.0075	U	
		VMP-49-30-073015	7/30/2015	<3.1	U		460			<0.92	U		<0.77	U		<0.67	U					<1.8	U		<0.92	U	
		VMP-49-30-073015-DUP	7/30/2015	<3	U		460			<0.89	U		<0.74	U		<0.66	U					<1.8	U		<0.89	U	
		VMP-49-30-110315	11/3/2015	<0.022	U		0.011	J		<0.0066	U		<0.0055	J	U	<0.0048	U					0.0099	J		<0.0066	U	
		VMP-49-30-110315-DUP	11/3/2015	0.0019	J		0.0095	J		<0.0061	U		<0.005	J	U	<0.0044	U					0.0095	J		<0.0061	U	
		VMP-49-30-020116	2/1/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.029			<0.0068	U	
		VMP-49-30-020116-DUP	2/1/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.017			<0.0063	U	
		VMP-49-30-042716	4/27/2016	<0.023	U		0.0089	J		<0.0069	U		<0.0057	U		<0.005	U					<0.014	J	UJ	<0.0069	U	
		VMP-49-30-042716-DUP	4/27/2016	<0.02	U		0.019			<0.0061	U		<0.0051	U		<0.0045	U					0.032		J	<0.0061	U	
		VMP-49-30-080116	8/1/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U					0.008	J		<0.0071	U	
		VMP-49-30-080116-DUP	8/1/2016	<0.024	U		0.0038	J		<0.0071	U		<0.0059	U		<0.021	U					0.019			<0.0071	U	
		VMP-49-30-102716	10/27/2016	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.021	U		<0.016	U		0.0058	J		<0.0073	U	
VMP-50	5 ft	VMP-50-5-021015	2/10/2015	<0.021	U		0.016			<0.0063	U		<0.0052	U		<0.0046	U					0.031			<0.0063	U	
		VMP-50-5-050515	5/5/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					0.016			<0.0072	U	
		VMP-50-5-073015	7/30/2015	<0.024	U		0.011	J		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-50-5-110315	11/3/2015	0.0011	J		0.0028	J		<0.0056	U		<0.0047	J	U	<0.0041	U					0.0053	J		<0.0056	U	
		VMP-50-5-020216	2/2/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0052	U					0.012	J		<0.007	U	
		VMP-50-5-050316	5/3/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0014	J		<0.0065	U	
		VMP-50-5-080216	8/2/2016	<0.029	U		0.0091	J		<0.0088	U		<0.0074	U		<0.026	U					0.04			<0.0088	U	
		VMP-50-5-103116	10/31/2016	<0.037	U		0.02	J		<0.011	U		<0.0093	U		<0.033	U		<0.024	U		0.13			<0.011	U	
	10 ft	VMP-50-10-021015	2/10/2015	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					0.0078	J		<0.0061	U	
		VMP-50-10-050515	5/5/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.031			<0.0065	U	
		VMP-50-10-073015	7/30/2015	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0054	U					<0.015	U		<0.0074	U	
		VMP-50-10-110315	11/3/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	J	U	<0.0045	U					0.0027	J		<0.0062	U	
		VMP-50-10-020216	2/2/2016	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.01	J		<0.006	J	U
		VMP-50-10-050316	5/3/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					<0.012	U		<0.0062	U	
		VMP-50-10-082616	8/26/2016	<0.021	U		0.0022	J		<0.0063	U		<0.0052	U		<0.018	U					0.0075	J		<0.0063	U	
		VMP-50-10-103116	10/31/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.01	J		<0.0065	U	
	20 ft	VMP-50-20-021015	2/10/2015	<0.019	U		0.0053	J		<0.0058	U		<0.0048	U		<0.0042	U					0.048			<0.0058	U	
		VMP-50-20-050515	5/5/2015	<0.024	U		0.0018	J		<0.007	U		<0.0059	U		<0.0052	U					0.0056	J		<0.007	U	
		VMP-50-20-073015	7/30/2015	<0.023	U		0.0038	J		0.001	J		0.0014	J		<0.005	U					0.012	J		<0.0068	U	
		VMP-50-20-110315	11/3/2015	<0.023	U		0.0034	J		<0.0068	U		<0.0056	U		<0.005	U					0.0076	J		0.0025	J	
		VMP-50-20-020216	2/2/2016	<0.027	U		<0.02	U		<0.0082	U		<0.0068	U		<0.006	U					0.0063	J		<0.0082	U	
		VMP-50-20-050316	5/3/2016	<0.026	U		0.0057	J		<0.0079	U		<0.0066	U		<0.0058	U					<0.016	U		<0.0079	U	
		VMP-50-20-082616	8/26/2016	<0.022	U		0.0033	J		<0.0067	U		<0.0056	U		<0.02	U					0.022			<0.0067	U	
		VMP-50-20-103116	10/31/2016	<0.023	U		0.0071	J		<0.0069	U		<0.0058	U		<0.02	U		<0.015	U		0.076			<0.0069	U	
	30 ft	VMP-50-30-021015	2/10/2015	<5.1	U		110			4.8			<1.3	U		<1.1	U					<3.1	U		3.7		
		VMP-50-30-050515	5/5/2015	<4.8	U		76			2.2			<1.2	U		<1.1	U					0.59	J		1.8		
		VMP-50-30-061515-R	6/15/2015	<2.2	U		69			2.5			<0.56	U		<0.5	U					<1.4	U		1.6		
		VMP-50-30-073015	7/30/2015	<3.2	U		41			2.2			<0.81	U		<0.71	U					<1.9	U		1.4		
		VMP-50-30-110315	11/3/2015	<0.22	U		33			<0.066	U		<0.055	U		<0.048	ND,UJ	UJ				<0.13	U		0.58		
		VMP-50-30-020216	2/2/2016	<6.7	U		31			<2	U		<1.7	U		<1.5	U					<4	U		<2	U	
		VMP-50-30-020216-DUP	2/2/2016	<7.5	U		36			<2.2	U		<1.9	U		<1.6	U					<4.5	U		0.63	J	
		VMP-50-30-050316	5/3/2016	<0.78	U		19			<0.24	U		<0.2	U		<0.17	U					<0.47	U		<0.24	U	
		VMP-50-30-080216	8/2/2016	<0.23	U		24			0.15			<0.058	U		<0.051	U					<0.14	U		<0.07	U	
		VMP-50-30-103116	10/31/2016	<0.46	U		53			<0.14	U		<0.12	U		<0.1	U		<0.59	U		<0.28	U		0.2		

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020315	2/3/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0047	U					0.0044	J		<0.0065	U	
		VMP-51-5-042915	4/29/2015	<0.023	U		<0.016	U		<0.0068	U		0.0024	J		<0.005	U					0.015			<0.0068	U	
		VMP-51-5-072115	7/21/2015	<0.021	U		0.0022	J		0.0046	J		<0.0053	U		<0.0047	U					0.0054	J		0.016		
		VMP-51-5-102815	10/28/2015	<0.025	U		0.019			<0.0074	U		<0.0062	U		<0.0055	U					<0.015	J	U	<0.0074	U	
		VMP-51-5-012516	1/25/2016	<0.018	U		0.0021	J		<0.0055	U		<0.0046	U		<0.004	U					0.018			<0.0055	U	
		VMP-51-5-042816	4/28/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.0089	J		<0.007	U	
		VMP-51-5-072716	7/27/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U					0.014			<0.0069	U	
		VMP-51-5-101916	10/19/2016	<0.023	U		0.0041	J		<0.0069	U		<0.0058	U		<0.02	U		<0.015	U		0.0054	J		<0.0069	U	
	10 ft	VMP-51-10-020315	2/3/2015	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					0.0035	J		<0.0059	U	
		VMP-51-10-042915	4/29/2015	<0.022	U		0.0032	J		<0.0067	U		<0.0056	U		<0.0049	U					0.015			<0.0067	U	
		VMP-51-10-072115	7/21/2015	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0054	U					0.0033	J		<0.0074	U	
		VMP-51-10-102815	10/28/2015	<0.022	U		0.0043	J		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	J	U	<0.0066	U	
		VMP-51-10-012516	1/25/2016	0.0012	J		0.0022	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0039	J		<0.0061	U	
		VMP-51-10-042816	4/28/2016	<0.022	U		0.0037	J		0.0036	J		<0.0056	U		<0.0049	U					0.012	J		0.008		
		VMP-51-10-042816-DUP	4/28/2016	0.0016	J		0.0058	J		0.0028	J		0.0041	J		<0.0051	U					0.012	J		0.0079		
		VMP-51-10-072716	7/27/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U					0.0051	J		<0.0071	U	
		VMP-51-10-101916	10/19/2016	<0.019	U		<0.014	U		<0.0057	U		<0.0047	U		<0.017	U		<0.012	U		<0.011	U		<0.0057	U	
	20 ft	VMP-51-20-020315	2/3/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-51-20-042915	4/29/2015	<0.021	U		0.0026	J		<0.0062	U		<0.0052	U		<0.0045	U					0.016			<0.0062	U	
		VMP-51-20-072115	7/21/2015	<0.029	U		0.23			<0.0088	U		<0.0073	U		<0.0064	U					<0.018	U		<0.0088	U	
		VMP-51-20-102815	10/28/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	J	U	<0.0062	U	
		VMP-51-20-012516	1/25/2016	<0.022	U		0.0014	J		0.0058	J		<0.0054	U		<0.0047	U					0.0073	J		0.017		
		VMP-51-20-042816	4/28/2016	<0.026	U		<0.018	U		<0.0077	U		<0.0064	U		<0.0057	U					0.0043	J		<0.0077	U	
		VMP-51-20-052516-R	5/25/2016	<0.022	U		0.0063	J		0.00072	J		0.0016	J		<0.005	U					0.058			<0.0068	U	
		VMP-51-20-072716	7/27/2016	<0.026	U		0.002	J		<0.0079	U		<0.0066	U		<0.023	U					0.011	J		<0.0079	U	
		VMP-51-20-101916-Dup	10/19/2016	<0.021	U		0.01	J		<0.0063	U		<0.0052	U		<0.018	U		<0.013	U		0.0085	J		<0.0063	U	
		VMP-51-20-101916	10/19/2016	<0.02	U		0.0062	J		<0.0062	U		<0.0051	U		<0.018	U		<0.013	U		<0.012	J	U	<0.0062	U	
	30 ft	VMP-51-30-020315	2/3/2015	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.0035	J		<0.0061	U	
		VMP-51-30-020315-DUP	2/3/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U		<0.0065	U	
		VMP-51-30-042915	4/29/2015	<0.022	U		0.0062	J		<0.0067	U		<0.0056	U		<0.0049	U					0.021			<0.0067	U	
		VMP-51-30-042915-DUP	4/29/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.015			<0.0065	U	
		VMP-51-30-072115	7/21/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.0028	J		<0.0063	U	
		VMP-51-30-102815	10/28/2015	<0.025	U		<0.018	U		<0.0076	U		<0.0064	U		<0.0056	U					<0.015	J	U	<0.0076	U	
		VMP-51-30-012516	1/25/2016	<0.022	U		0.0014	J		<0.0067	U		<0.0056	J	U	<0.0049	U					0.019			<0.0067	U	
		VMP-51-30-012516-DUP	1/25/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	J	U	<0.0048	U					0.035			<0.0065	U	
		VMP-51-30-042816	4/28/2016	0.0038	J		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.0037	J		<0.0063	U	
		VMP-51-30-072716	7/27/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U					0.0068	J		<0.0066	J	U
		VMP-51-30-072716-DUP	7/27/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U					0.0068	J		<0.0065	J	U
		VMP-51-30-101916	10/19/2016	<0.023	U		0.026			<0.0068	U		<0.0057	U		<0.02	U		<0.014	U		0.033			<0.0068	U	
VMP-52	5 ft	VMP-52-5-020415	2/4/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0019	J		<0.0062	U	
		VMP-52-5-042915	4/29/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-52-5-072715	7/27/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-52-5-102915	10/29/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.0037	J		<0.0068	U	
		VMP-52-5-012516	1/25/2016	<0.022	U		0.0017	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0045	J		<0.0065	U	
		VMP-52-5-042516	4/25/2016	<0.02	U		0.15			<0.0061	U		<0.005	U		<0.0044	U					0.25			<0.0061	U	
		VMP-52-5-072716	7/27/2016	0.0013	J		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					0.003	J		<0.0072	U	
		VMP-52-5-102716	10/27/2016	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.0065	J		<0.006	U	
	10 ft	VMP-52-10-020415	2/4/2015	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					0.0028	J		<0.0064	U	
		VMP-52-10-042915	4/29/2015	<0.027	U		<0.019	U		<0.0081	U		<0.0067	U		<0.0059	U					<0.016	U		<0.0081	U	
		VMP-52-10-072715	7/27/2015	<0.022	U		0.0023	J		<0.0066	U		<0.0055	U		<0.0049	U					<0.013	U		<0.0066	U	
		VMP-52-10-102915	10/29/2015	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					0.0085	J		<0.0073	U	
		VMP-52-10-012516	1/25/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0021	J		<0.0062	U	
		VMP-52-10-042516	4/25/2016	0.0016	J		<0.018	U		<0.0076	U		<0.0064	U		<0.0056	U					0.012	J		<0.0076	U	
		VMP-52-10-072716	7/27/2016	0.0013	J		<0.018	U		<0.0077	U		<0.0064	U		<0.022	U					0.02			<0.0077	U	
		VMP-52-10-102716	10/27/2016	<0.022	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		<0.014	U		<0.014	U		<0.0068	U	
	20 ft	VMP-52-20-020415	2/4/2015	<0.022	U		0.0024	J		<0.0066	U		<0.0055	U		<0.0049	U					0.0045	J		<0.0066	U	
		VMP-52-20-042915	4/29/2015	<0.022	U		0.0032	J		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-52-20-072715	7/27/2015	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					<0.014	U		<0.007	U	
		VMP-52-20-102915	10/29/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0089	J		<0.0065	U	
		VMP-52-20-012516	1/25/2016	<0.023	U		0.0028	J		<0.0068	U		<0.0056	U		<0.005	U					0.003	J		0.0014	J	
		VMP-52-20-042516	4/25/2016	0.00099	J		0.0025	J		<0.0073	U		<0.0061	U		<0.0053	U					0.0034	J		<0.0073	U	
		VMP-52-20-072716	7/27/2016	<0.027	U		<0.019	U		<0.0081	U		<0.0067	U		<0.024	U					0.0048	J		<0.0081	U	
		VMP-52-20-102716	10/27/2016	<0.021	U		0.0096	J		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		<0.012	U		<0.0062	U	
	30 ft	VMP-52-30-020415	2/4/2015	<0.023	U		0.0048	J		<0.0069	U		<0.0058	U		<0.0051	U					0.011	J		<0.0069	U	
		VMP-52-30-020415-DUP	2/4/2015	<0.022	U		0.0042	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0088	J		<0.0065	U	
		VMP-52-30-042915	4/29/2015	<0.02	U		0.0087	J		<0.0059	U		<0.005	U		<0.0044	U					<0.012	U		<0.0059	U	
		VMP-52-30-072715	7/27/2015	<0.023	U		0.0039	J		<0.007	U		<0.0058	U		<0.0052	U					<0.014	U		<0.007	U	
		VMP-52-30-102915	10/29/2015	<0.021	U		0.012	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0063	J		<0.0062	U	
		VMP-52-30-020216-R	2/2/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.018			<0.0071	U	
		VMP-52-30-042516	4/25/2016	<0.022	U		0.0036	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0059	J		<0.0065	U	
		VMP-52-30-072716	7/27/2016	<0.027	U		<0.019	U		<0.0081	U		<0.0068	U		<0.024	U					<0.016	U		<0.0081	U	
		VMP-52-30-102716	10/27/2016	<0.024	U		0.0045	J		<0.0073	U		<0.0061	U		<0.021	U		<0.016	U		<0.014	U		<0.0073	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	5 ft	VMP-53-5-020415	2/4/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.0046	J		<0.0068	U	
		VMP-53-5-050415	5/4/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					0.04			<0.0072	U	
		VMP-53-5-072415	7/24/2015	<0.025	U		0.0083	J	J	<0.0076	U		<0.0063	U		<0.0056	U					0.0047	J	J	<0.0076	U	
		VMP-53-5-102815	10/28/2015	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					<0.014	J	U	<0.0073	U	
		VMP-53-5-012816	1/28/2016	<0.022	U		<0.016	U		0.0036	J		<0.0055	U		<0.0048	U					0.019			0.01		
		VMP-53-5-042816	4/28/2016	0.0013	J		0.047			<0.0061	U		<0.0051	U		<0.0045	U					0.13			<0.0061	U	
		VMP-53-5-072916	7/29/2016	<0.026	U		<0.018	U		0.0017	J		<0.0064	U		<0.023	U					0.0058	J		0.003	J	
		VMP-53-5-102516	10/25/2016	<0.022	U		0.0064	J		<0.0067	U		<0.0056	U		<0.02	U		<0.014	U		0.016			<0.0067	U	
		VMP-53-5-120916	12/9/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		0.0029	J		<0.0062	U	
	10 ft	VMP-53-10-020415	2/4/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.0037	J		<0.0068	U	
		VMP-53-10-050415	5/4/2015	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.018			<0.0061	U	
		VMP-53-10-072415	7/24/2015	<0.023	U		0.04		J	<0.0068	U		<0.0057	U		<0.005	U					0.0063	J	J	<0.0068	U	
		VMP-53-10-102815	10/28/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.03			<0.0063	U	
		VMP-53-10-012816	1/28/2016	<0.026	U		<0.019	U		<0.0078	U		<0.0065	U		<0.0057	U					0.014	J		<0.0078	U	
		VMP-53-10-042816	4/28/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0052	U					0.0045	J		<0.007	U	
		VMP-53-10-082616	8/26/2016	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U					0.0071	J		<0.0062	U	
		VMP-53-10-102516	10/25/2016	<0.023	U		0.005	J		<0.0068	U		<0.0057	U		<0.02	U		<0.014	U		0.0034	J		<0.0068	U	
		VMP-53-10-120916	12/9/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		0.0033	J		0.0038	J		0.001	J	
	20 ft	VMP-53-20-020415	2/4/2015	<0.046	U		<0.033	U		<0.014	U		<0.011	U		<0.01	U					0.0082	J		<0.014	U	
		VMP-53-20-050415	5/4/2015	<0.022	U		0.0017	J		<0.0067	U		<0.0056	U		<0.0049	U					0.014			<0.0067	U	
		VMP-53-20-072415	7/24/2015	<0.025	U		0.013	J	J	<0.0075	U		<0.0062	U		<0.0055	U					0.0044	J	J	<0.0075	U	
		VMP-53-20-102815	10/28/2015	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					<0.014	U		<0.0073	U	
		VMP-53-20-021616	2/16/2016	<0.026	U		0.0017	J		<0.0079	U		<0.0066	U		<0.0058	U					0.054			<0.0079	U	
		VMP-53-20-042816	4/28/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.0028	J		<0.0066	U	
		VMP-53-20-072916	7/29/2016	<0.025	U		0.0057	J		<0.0075	U		<0.0062	U		<0.022	U					0.024			<0.0075	U	
		VMP-53-20-102516	10/25/2016	<0.038	U		0.018	J		<0.012	U		<0.0096	U		<0.034	U		<0.025	U		0.036			<0.012	U	
		VMP-53-20-120916	12/9/2016	<0.021	U		0.0051	J		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		0.016			<0.0062	U	
	30 ft	VMP-53-30-020415	2/4/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0054	J		<0.0063	U	
		VMP-53-30-050415	5/4/2015	<0.024	U		<0.018	U		<0.0074	U		<0.0061	U		<0.0054	U					0.012	J		<0.0074	U	
		VMP-53-30-072415	7/24/2015	0.002	J	J	<0.017	J	U	<0.007	U		<0.0058	U		<0.0051	U					0.0044	J	J	<0.007	U	
		VMP-53-30-102815	10/28/2015	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					0.0099	J		<0.0073	U	
		VMP-53-30-012816	1/28/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0049	U					<0.013	J	U	<0.0066	U	
		VMP-53-30-042816	4/28/2016	<0.025	U		<0.018	U		<0.0075	U		<0.0063	U		<0.0055	U					0.0046	J		<0.0075	U	
		VMP-53-30-052516-R	5/25/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					0.0052	J		<0.0064	U	
		VMP-53-30-072916	7/29/2016	<0.018	U		0.0049	J		<0.0053	U		<0.0044	U		<0.016	U					0.16			<0.0053	U	
		VMP-53-30-102516	10/25/2016	<0.041	U		<0.03	U		<0.012	U		<0.01	U		<0.036	U		<0.026	U		0.0051	J		<0.012	U	
		VMP-53-30-120916	12/9/2016	<0.023	U		0.012	J		<0.007	U		<0.0058	U		<0.021	U		<0.015	U		0.0045	J		<0.007	U	
VMP-54	5 ft	VMP-54-5-020515	2/5/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.13			<0.0062	U	
		VMP-54-5-050415	5/4/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0062	J		<0.0063	U	
		VMP-54-5-072415	7/24/2015	0.0016	J	J	<0.018	J	U	<0.0076	U		<0.0064	U		<0.0056	U					0.0038	J	J	<0.0076	U	
		VMP-54-5-102715	10/27/2015	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.0042	U					<0.011	U		<0.0057	U	
		VMP-54-5-012816	1/28/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0052	U					0.0028	J		<0.007	U	
		VMP-54-5-042916	4/29/2016	0.001	J		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					0.0096	J		<0.0061	U	
		VMP-54-5-080116	8/1/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U					0.0069	J		<0.0068	U	
		VMP-54-5-102816	10/28/2016	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.013	U		0.013			<0.0061	U	
	10 ft	VMP-54-10-020515	2/5/2015	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.021			<0.0071	U	
		VMP-54-10-050415	5/4/2015	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					0.0041	J		<0.0073	U	
		VMP-54-10-072415	7/24/2015	0.0026	J	J	<0.019	U		<0.0081	U		<0.0067	U		<0.0059	U					0.0072	J	J	<0.0081	U	
		VMP-54-10-102715	10/27/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-54-10-012816	1/28/2016	<0.023	U		<0.017	U		0.0021	J		<0.0058	U		<0.0051	U					0.009	J		0.0062	J	
		VMP-54-10-042916	4/29/2016	<0.024	U		0.0035	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0016	J		<0.0071	U	
		VMP-54-10-080116	8/1/2016	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.021	U					0.0098	J		<0.0073	U	
		VMP-54-10-102816	10/28/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		<0.014	U		<0.014	U		<0.0068	U	
	20 ft	VMP-54-20-020515	2/5/2015	<0.019	U		0.011	J		<0.0057	U		<0.0048	U		<0.0042	U					0.024			<0.0057	U	
		VMP-54-20-050415	5/4/2015	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.01	J		<0.007	U	
		VMP-54-20-072415	7/24/2015	<0.025	U		<0.018	J	U	<0.0075	U		<0.0062	U		<0.0055	U					0.0036	J	J	<0.0075	U	
		VMP-54-20-102715	10/27/2015	<0.019	U		0.005	J		<0.0057	U		<0.0048	U		<0.0042	U					0.0043	J		<0.0057	U	
		VMP-54-20-102715-DUP	10/27/2015	<0.019	U		0.0047	J		<0.0057	U		<0.0048	U		<0.0042	U					0.0022	J		<0.0057	U	
		VMP-54-20-012816	1/28/2016	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0054	U					0.0087	J		<0.0074	U	
		VMP-54-20-050516	5/5/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0013	J		0.0023	J	
		VMP-54-20-050516-DUP	5/5/2016	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					<0.014	U		0.0026	J	
		VMP-54-20-080116	8/1/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U					0.0051	J		<0.0071	U	
		VMP-54-20-102816	10/28/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.014	U		0.016			<0.0066	U	
	30 ft	VMP-54-30-021215	2/12/2015	<0.02	U		0.0082	J		<0.006	U		<0.005	U		<0.0044	U					0.0098	J		<0.006	U	
		VMP-54-30-050415	5/4/2015	<0.024	U		0.0071	J		<0.0071	U		<0.0059	U		<0.0052	U					0.03			<0.0071	U	
		VMP-54-30-080315	8/3/2015	<0.025	ND,UJ	UJ	0.0055	J		<0.0076	U		<0.0063	U		<0.0056	U					0.0069	J		<0.0076	U	
		VMP-54-30-102715	10/27/2015	<0.019	U		0.0057	J		<0.0058	U		<0.0049	U		<0.0043	U					0.003	J		<0.0058	U	
		VMP-54-30-012816	1/28/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.0045	J		<0.0071	U	
		VMP-54-30-042916	4/29/2016	<0.022	U		0.041			<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U		<0.0065	U	
		VMP-54-30-042916-DUP	4/29/2016	<0.022	U		0.042			<0.0066	U		<0.0055	U		<0.0048	U					0.0012	J		<0.0066	U	
		VMP-54-30-080116	8/1/2016	<0.022	U		0.01	J		<0.0066	U		<0.0055	U		<0.019	U					0.022			<0.0066	U	
		VMP-54-30-102816	10/28/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.014	U		<0.013	U		<0.0064	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-020515	2/5/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.067			<0.0063	U	
		VMP-55-5-050615	5/6/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.0075	J	J	<0.0062	U	
		VMP-55-5-110215	11/2/2015	<0.15	U		0.075	J		0.25			<0.038	U		0.031	J					<0.092	U		0.49		
		VMP-55-5-020416	2/4/2016	<0.22	U		<0.16	U		<0.065	U		<0.054	U		<0.048	U					<0.13	U		<0.065	U	
		VMP-55-5-082616	8/26/2016	<0.025	U		<0.018	U		<0.0075	U		0.002	J		<0.022	U					0.0069	J		<0.0075	U	
	20 ft	VMP-55-20-020515	2/5/2015	<2.1	U		1.8			<0.63	U		<0.53	U		0.16	J					0.41	J		0.11	J	
		VMP-55-20-050615	5/6/2015	<14	U		180			<4.2	U		<3.5	U		<3	U					<8.3	U		<4.2	U	
		VMP-55-20-072915	7/29/2015	<0.22	U		4.4			<0.067	U		<0.056	U		0.11						<0.13	U		<0.067	U	
		VMP-55-20-072915-DUP	7/29/2015	<0.24	U		4.4			<0.071	U		<0.059	U		0.11						<0.14	U		<0.071	U	
		VMP-55-20-110215	11/2/2015	<6.5	U		780			<2	U		<1.6	U		<1.4	ND,UJ	UJ				<3.9	U		<2	U	
		VMP-55-20-020416	2/4/2016	<2.2	U		110			<0.65	U		<0.54	U		<0.48	U					<1.3	U		<0.65	U	
		VMP-55-20-020416-DUP	2/4/2016	<2	U		120		J	<0.59	U		<0.49	U		<0.43	U					<1.2	U		<0.59	U	
		VMP-55-20-050416	5/4/2016	<3	U		830		J	<0.89	U		<0.74	U		<0.66	U					<1.8	U		<0.89	U	
		VMP-55-20-080316	8/3/2016	<1.5	U		540		J	<0.46	U		<0.38	U		0.11	J	J				<0.91	U		<0.46	U	
		VMP-55-20-110116	11/1/2016	<2.3	U		250			<0.68	U		<0.56	U		<2	U		0.2	J		0.31	J		<0.68	U	
	30 ft	VMP-55-30-030915	3/9/2015	<5.7	ND,UJ	UJ	1100			<1.7	U		<1.4	U		<1.2	U					<3.4	U		<1.7	U	
		VMP-55-30-050615	5/6/2015	<19	U		620			<5.8	U		<4.8	U		<4.2	U					<12	U		<5.8	U	
		VMP-55-30-050615-DUP	5/6/2015	<19	U		630			<5.8	U		<4.8	U		<4.3	U					<12	U		<5.8	U	
		VMP-55-30-061515-Dup-R	6/15/2015	<0.26	U		84	E	J	0.16			<0.064	U		0.084						<0.15	U		0.026	J	
		VMP-55-30-061515-R	6/15/2015	<0.21	U		90	E	J	0.16			<0.052	U		0.088						<0.12	U		<0.063	U	
VMP-56	10 ft	VMP-56-10-021015	2/10/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.03			<0.0063	U	
		VMP-56-10-110315	11/3/2015	0.0014	J		0.0077	J		<0.0062	U		<0.0052	U		<0.0045	U					0.013			<0.0062	U	
		VMP-56-10-020416	2/4/2016	<0.021	U		0.0028	J		<0.0063	U		<0.0053	U		<0.0046	U					0.0078	J		0.0016	J	
		VMP-56-10-050516	5/5/2016	0.0044	J		0.014	J		0.0014	J		<0.0058	U		<0.0051	U					0.021			0.0026	J	
		VMP-56-10-072716	7/27/2016	0.0014	J		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U					0.016			<0.0068	U	
		VMP-56-10-102416	10/24/2016	<0.022	U		<0.016	U		0.00049	J		0.0017	J		<0.019	U		<0.014	U		0.017			0.00069	J	
	25 ft	VMP-56-25-021015	2/10/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0047	U					0.01	J		<0.0065	U	
		VMP-56-25-050715	5/7/2015	0.0062	J		0.01	J		<0.007	U		0.0055	J		<0.0051	U					0.01	J		<0.007	U	
		VMP-56-25-073115	7/31/2015	0.0045	J		0.007	J		0.0018	J		0.0021	J		<0.0054	U					0.0061	J		0.0012	J	
		VMP-56-25-110315	11/3/2015	0.0033	J		0.098			<0.0063	U		0.0031	J		<0.0046	U					0.013			<0.0063	U	
		VMP-56-25-020416	2/4/2016	<0.021	U		0.015			0.00071	J		<0.0052	U		<0.0045	U					0.0053	J		0.0016	J	
		VMP-56-25-050516	5/5/2016	<0.024	U		0.0026	J		0.0027	J		<0.006	U		<0.0053	U					0.0074	J		0.0052	J	
		VMP-56-25-050516-DUP	5/5/2016	0.0028	J		<0.018	U		0.003	J		<0.0061	U		<0.0054	U					0.011	J		0.0058	J	
		VMP-56-25-072716	7/27/2016	0.0025	J		0.01	J		<0.0081	U		<0.0068	U		<0.024	U					0.055			<0.0081	U	
		VMP-56-25-102416	10/24/2016	<0.021	U		0.0089	J		0.0017	J		0.0031	J		<0.018	U		<0.013	U		0.084			0.0009	J	
	38.5 ft	VMP-56-38.5-021015	2/10/2015	<22	U		6900			8.7			<5.5	U		<4.8	U					<13	U		13		
		VMP-56-38.5-050715	5/7/2015	<250	U		41000			22	J		<63	U		<55	U					<150	U		45	J	
		VMP-56-38.5-061515-R	6/15/2015	<24	U		13000	E	J	14			<6	U		<5.3	U					<14	U		22		
		VMP-56-38.5-073115	7/31/2015	<21	U		8000			27			<5.3	U		<4.6	U					<13	U		76		
		VMP-56-38.5-073115-DUP	7/31/2015	<78	U		8200			27			<20	U		<17	U					<47	U		74		
		VMP-56-38.5-110315	11/3/2015	<25	U		20000			25			<6.2	U		<5.5	ND,UJ	UJ				<15	U		56		
		VMP-56-38.5-110315-DUP	11/3/2015	<180	U		19000			11	J		<45	U		<40	ND,UJ	UJ				<110	U		17	J	
		VMP-56-38.5-020416	2/4/2016	<140	U		24000			<42	U		<35	U		<30	U					<83	U		5.2	J	
VMP-62	5 ft	VMP-62-5-020315	2/3/2015	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					<0.012	U		<0.0059	U	
		VMP-62-5-042815	4/28/2015	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.0057	J		<0.0071	U	
		VMP-62-5-072415	7/24/2015	<0.024	U		0.013	J	J	<0.0072	U		<0.006	U		<0.0053	U					0.013	J	J	<0.0072	U	
		VMP-62-5-102015	10/20/2015	0.00091	J		0.0019	J		<0.0054	U		0.0011	J		<0.0039	U					0.0033	J		<0.0054	U	
		VMP-62-5-012816	1/28/2016	<0.021	U		<0.015	U		<0.0064	U		0.0028	J		<0.0047	U					0.018			<0.0064	U	
		VMP-62-5-042516	4/25/2016	<0.02	U		0.0036	J		<0.0059	U		<0.005	U		<0.0044	U					0.027			<0.0059	U	
		VMP-62-5-072616	7/26/2016	<0.024	U		<0.018	U		<0.0074	U		<0.0061	U		<0.022	U					0.012	J		<0.0074	U	
		VMP-62-5-102416	10/24/2016	<0.021	U		0.0043	J		<0.0064	U		<0.0053	U		<0.019	U		<0.014	U		0.008	J		<0.0064	U	
	10 ft	VMP-62-10-020315	2/3/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					<0.013	U		<0.0063	U	
		VMP-62-10-042815	4/28/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0042	J		<0.0067	U	
		VMP-62-10-072415	7/24/2015	0.0015	J	J	0.0075	J	J	<0.0066	U		<0.0055	U		<0.0049	U					<0.013	U		<0.0066	U	
		VMP-62-10-102015	10/20/2015	<0.023	U		0.0027	J		<0.0068	U		<0.0057	U		<0.005	U					0.0021	J		<0.0068	U	
		VMP-62-10-012816	1/28/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.02			<0.0062	U	
		VMP-62-10-042516	4/25/2016	<0.025	U		<0.018	U		<0.0075	U		<0.0063	U		<0.0055	U					0.0079	J		<0.0075	U	
		VMP-62-10-072616	7/26/2016	<0.026	U		<0.018	U		<0.0077	U		<0.0064	U		<0.023	U					0.0028	J		<0.0077	U	
		VMP-62-10-102416	10/24/2016	0.0012	J		<0.013	U		0.00042	J		<0.0044	U		<0.016	U		<0.011	U		<0.011	J	U	0.0011	J	
	20 ft	VMP-62-20-020315	2/3/2015	<0.024	U		0.007	J		<0.0073	U		<0.0061	U		<0.0054	U					0.0032	J		<0.0073	U	
		VMP-62-20-042815	4/28/2015	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.004	J		<0.007	U	
		VMP-62-20-072415	7/24/2015	0.0016	J	J	<0.015	J	U	<0.0064	U		<0.0053	U		<0.0047	U					0.0047	J	J	<0.0064	U	
		VMP-62-20-102015	10/20/2015	0.0023	J		0.0026	J		<0.0062	U		0.00085	J		<0.0045	U					0.005	J		<0.0062	U	
		VMP-62-20-012816	1/28/2016	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					<0.014	U		<0.0073	U	
		VMP-62-20-042516	4/25/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0084	J		<0.0062	U	
		VMP-62-20-072616	7/26/2016	<0.021	U		0.0067	J		<0.0064	U		<0.0053	U		<0.019	U					0.062			<0.0064	U	
		VMP-62-20-102416	10/24/2016	<0.019	U		0.019			<0.0057	U		0.0014	J		<0.017	U		<0.012	U		0.028			<0.0057	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	30 ft	VMP-62-30-020315	2/3/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0037	J		<0.0065	U	
		VMP-62-30-042815	4/28/2015	<0.023	U		0.0031	J		<0.0068	U		<0.0056	U		<0.005	U					0.0081	J		<0.0068	U	
		VMP-62-30-072415	7/24/2015	0.0016	J	J	<0.016	J	U	<0.0069	U		<0.0057	U		<0.005	U					<0.014	U		<0.0069	U	
		VMP-62-30-102015	10/20/2015	<0.022	U		0.0049	J		<0.0065	U		0.0013	J		<0.0047	U					0.0037	J		<0.0065	U	
		VMP-62-30-012816	1/28/2016	<0.024	U		0.0068	J		<0.0072	U		<0.006	U		<0.0053	U					0.037			<0.0072	U	
		VMP-62-30-012816-DUP	1/28/2016	<0.021	U		0.0066	J		<0.0062	U		<0.0052	U		<0.0046	U					0.022			<0.0062	U	
		VMP-62-30-042516	4/25/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0083	J		<0.0062	U	
		VMP-62-30-072616	7/26/2016	<0.024	U		0.0045	J		<0.0072	J	U	<0.006	U		<0.021	U					0.018			0.0051	J	
		VMP-62-30-072616-DUP	7/26/2016	<0.024	U		0.0036	J		<0.0072	J	U	<0.006	U		<0.021	U					0.01	J		0.0053	J	
		VMP-62-30-102416	10/24/2016	<0.02	U		0.0042	J		<0.0061	U		<0.0051	U		<0.018	U		<0.013	U		0.024			<0.0061	U	
		VMP-62-30-102416-Dup	10/24/2016	0.0017	J		<0.014	U		<0.0058	U		0.001	J		<0.017	U		<0.012	U		0.012			<0.0058	U	
VMP-63	5 ft	VMP-63-5-020315	2/3/2015	<0.021	U		0.0016	J		<0.0064	U		<0.0053	U		<0.0047	U					0.017			<0.0064	J	U
		VMP-63-5-042815	4/28/2015	<0.024	U		<0.017	U		<0.0072	U		0.0036	J		<0.0053	U					0.0068	J		<0.0072	U	
		VMP-63-5-072415	7/24/2015	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0063	J		<0.0069	U	
		VMP-63-5-102615	10/26/2015	<0.022	U		0.01	J		<0.0065	U		<0.0054	U		<0.0048	U					0.025		J	<0.0065	U	
		VMP-63-5-012816	1/28/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0071	J		<0.0065	U	
		VMP-63-5-042616	4/26/2016	<0.023	U		0.12			<0.0069	U		<0.0058	U		<0.0051	U					0.029			0.0014	J	
		VMP-63-5-072516	7/25/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					0.02			<0.0072	U	
		VMP-63-5-102416	10/24/2016	<0.021	U		<0.015	U		0.00082	J		0.0028	J		<0.018	U		<0.013	U		0.037			<0.0063	U	
	10 ft	VMP-63-10-020315	2/3/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0081	J		<0.006	J	U
		VMP-63-10-042815	4/28/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.0088	J		<0.0068	U	
		VMP-63-10-072415	7/24/2015	<0.022	U		0.0043	J		<0.0065	U		0.002	J		<0.0048	U					0.0056	J		<0.0065	U	
		VMP-63-10-102615	10/26/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.014		J	<0.0068	U	
		VMP-63-10-012816	1/28/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.0038	J		<0.007	U	
		VMP-63-10-042616	4/26/2016	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					0.0063	J		<0.0073	U	
		VMP-63-10-072516	7/25/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U					0.033			<0.0069	U	
		VMP-63-10-102416	10/24/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.0058	J		<0.0065	U	
	20 ft	VMP-63-20-020315	2/3/2015	<0.021	U		0.0021	J		<0.0064	U		<0.0054	U		<0.0047	U					0.11		J	<0.0064	U	
		VMP-63-20-020315-DUP	2/3/2015	<0.02	U		0.002	J		<0.0059	U		<0.0049	U		<0.0043	U					0.065		J	<0.0059	U	
		VMP-63-20-042815	4/28/2015	0.024			0.0012	J		0.0054	J		0.02			<0.0046	U					0.071			<0.0063	U	
		VMP-63-20-072415	7/24/2015	0.011	J		0.004	J		0.0061	J		0.0021	J		<0.0046	U					0.022			<0.0063	U	
		VMP-63-20-102615	10/26/2015	0.0022	J	J	<0.014	U		0.0012	J		0.0041	J		<0.0044	U					0.09		J	0.0024	J	
		VMP-63-20-012816	1/28/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0089	J		<0.0065	U	
		VMP-63-20-042616	4/26/2016	0.0022	J		0.0084	J		<0.0074	U		<0.0062	U		<0.0055	U					0.022			<0.0074	U	
		VMP-63-20-042616-DUP	4/26/2016	0.0015	J		0.0022	J		<0.0068	U		<0.0056	U		<0.005	U					0.01	J		0.0018	J	
		VMP-63-20-072516	7/25/2016	<0.023	U		0.0048	J		<0.0069	U		<0.0058	U		<0.02	U					0.013	J		<0.0069	U	
		VMP-63-20-102416	10/24/2016	<0.025	U		0.0062	J		<0.0075	U		<0.0063	U		<0.022	U		<0.016	U		0.02			<0.0075	U	
	30 ft	VMP-63-30-020315	2/3/2015	<0.021	U		0.0069	J		<0.0062	U		<0.0052	U		<0.0045	U					0.01	J		<0.0062	U	
		VMP-63-30-042815	4/28/2015	0.0009	J		0.0052	J		<0.0069	U		0.003	J		<0.005	U					0.0093	J		<0.0069	U	
		VMP-63-30-072415	7/24/2015	0.0042	J		0.0034	J		0.0011	J		0.0015	J		<0.0048	U					0.013	J		<0.0066	U	
		VMP-63-30-102615	10/26/2015	<0.018	U		0.0089	J		<0.0055	U		0.0018	J		<0.004	U					0.028		J	<0.0055	U	
		VMP-63-30-102615-DUP	10/26/2015	0.0026	J	J	0.0085	J		<0.0065	U		<0.0054	U		<0.0048	U					0.015		J	<0.0065	U	
		VMP-63-30-012816	1/28/2016	<0.021	U		0.0071	J		<0.0064	U		<0.0053	U		<0.0047	U					0.0014	J		0.0015	J	
		VMP-63-30-042616	4/26/2016	<0.021	U		0.0048	J		<0.0063	U		<0.0053	U		<0.0046	U					0.016			<0.0063	U	
		VMP-63-30-072516	7/25/2016	<0.025	U		0.0075	J		<0.0075	U		<0.0062	U		<0.022	U					0.0063	J		0.0028	J	
		VMP-63-30-072516-DUP	7/25/2016	<0.023	U		0.0074	J		0.0012	J		<0.0057	U		<0.02	U					0.0065	J		0.0032	J	
		VMP-63-30-102416	10/24/2016	<0.02	U		0.0037	J		0.00076	J		0.0016	J		<0.018	U		<0.013	U		0.38			0.00072	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-020315	2/3/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.032			<0.0063	U	
		VMP-64-5-042815	4/28/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	J	U	<0.0048	U					0.0026	J		<0.0066	U	
		VMP-64-5-072415	7/24/2015	<0.023	U		0.008	J		<0.0069	U		<0.0058	U		<0.0051	U					0.011	J		<0.0069	U	
		VMP-64-5-102615	10/26/2015	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.0043	U					0.0039	J		<0.0058	U	
		VMP-64-5-012816	1/28/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					<0.014	J	U	<0.007	U	
		VMP-64-5-042616	4/26/2016	<0.026	U		<0.019	U		<0.0078	U		<0.0065	U		<0.0058	U					0.0032	J		<0.0078	U	
		VMP-64-5-080216	8/2/2016	<0.022	U		0.13		J	<0.0067	U		<0.0056	U		0.012	J					0.082		J	0.0014	J	
		VMP-64-5-080216-DUP	8/2/2016	<0.024	U		0.037		J	<0.0073	U		<0.0061	U		0.0091	J					0.018		J	0.0012	J	
		VMP-64-5-102416	10/24/2016	<0.02	U		0.0028	J		<0.0059	U		<0.0049	U		<0.017	U		<0.013	U		0.024			<0.0059	U	
	10 ft	VMP-64-10-020315	2/3/2015	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-64-10-042815	4/28/2015	0.0018	J		0.0096	J		<0.0072	U		<0.006	J	U	<0.0053	U					0.0031	J		<0.0072	U	
		VMP-64-10-072415	7/24/2015	0.0024	J		<0.015	U		<0.0061	J	U	<0.0051	U		<0.0045	U					0.0061	J		<0.0061	U	
		VMP-64-10-102615	10/26/2015	0.0015	J		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					<0.014	U		<0.0073	U	
		VMP-64-10-012816	1/28/2016	<0.021	U		0.0019	J		<0.0064	U		<0.0054	U		<0.0047	U					<0.013	J	U	<0.0064	U	
		VMP-64-10-042616	4/26/2016	<0.022	U		0.0016	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0052	J		<0.0066	U	
		VMP-64-10-072216	7/22/2016	<0.018	U		0.01	J		<0.0053	U		<0.0044	U		<0.016	U					0.039			<0.0053	U	
		VMP-64-10-102416	10/24/2016	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		0.012			<0.0058	U	
	20 ft	VMP-64-20-020315	2/3/2015	<0.022	U		0.016			<0.0066	U		<0.0055	U		<0.0048	U					0.0061	J		<0.0066	U	
		VMP-64-20-042815	4/28/2015	0.002	J		0.037			<0.0072	U		0.0027	J		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-64-20-072415	7/24/2015	0.0029	J		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.0044	J		<0.0068	U	
		VMP-64-20-102615	10/26/2015	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					<0.014	U		<0.0069	U	
		VMP-64-20-012816	1/28/2016	<0.022	U		0.0028	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0065	J		<0.0066	U	
		VMP-64-20-042616	4/26/2016	<0.023	U		0.012	J		0.004	J		<0.0056	U		<0.005	U					0.016			0.011		
		VMP-64-20-042616-DUP	4/26/2016	0.001	J		0.013	J		0.0041	J		<0.0055	U		<0.0048	U					0.01	J		0.011		
		VMP-64-20-072216	7/22/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U					0.018		J	<0.0063	U	
		VMP-64-20-072216-DUP	7/22/2016	<0.023	U		0.0094	J		<0.007	U		<0.0058	U		<0.02	U					0.047		J	<0.007	U	
		VMP-64-20-102416	10/24/2016	0.0018	J		0.0032	J		<0.0056	U		0.0012	J		<0.016	U		<0.012	U		0.015			<0.0056	U	
		VMP-64-20-102416-Dup	10/24/2016	<0.021	U		0.0029	J		<0.0063	U		<0.0052	U		<0.018	U		<0.013	U		0.014			<0.0063	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-020915	2/9/2015	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.0011	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-1-5-050515	5/5/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0029	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-1-5-073015	7/30/2015	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		0.0035	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-1-5-110315	11/3/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.002	J		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-1-5-020316	2/3/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0016	J		<0.039	U	UJ	<0.0072	U		<0.0072	U	
		VMP-1-5-050316	5/3/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0062			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-1-5-072516	7/25/2016	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.0036	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-1-5-102816	10/28/2016	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.013			<0.036	U		<0.0066	U		<0.0066	U	
	8.5 ft	VMP-1-8-020915	2/9/2015	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-1-8.5-050515	5/5/2015	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-1-8.5-073015	7/30/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-1-8.5-110315	11/3/2015	<0.0052	U		<0.0084	U		<0.0083	U		0.0012	J		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-1-8.5-020316	2/3/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U	UJ	<0.0076	U		<0.0076	U	
		VMP-1-8.5-050316	5/3/2016	<0.006	U		<0.0096	U		0.0059	J		<0.0041	U		0.0073			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-1-8.5-072516	7/25/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0056			<0.036	U		<0.0067	U		<0.0067	U	
		VMP-1-8.5-102816	10/28/2016	<0.0047	U		<0.0076	U		0.0061	J		<0.0032	U		0.035			<0.033	U		<0.006	U		<0.006	U	
	23.5 ft	VMP-1-23.5-020915	2/9/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-1-23.5-050515	5/5/2015	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-1-23.5-073015	7/30/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0058	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-1-23.5-110315	11/3/2015	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0021	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-1-23.5-020316	2/3/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U	UJ	<0.0075	U		<0.0075	U	
		VMP-1-23.5-050316	5/3/2016	<0.0061	U		<0.0098	U		0.0045	J		<0.0042	U		0.001	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-1-23.5-050316-DUP	5/3/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.00076	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-1-23.5-072516	7/25/2016	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.00077	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-1-23.5-072516-DUP	7/25/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0012	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP1-23.5-102816	10/28/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.031			<0.036	U		<0.0067	U		<0.0067	U	
	38.5 ft	VMP-1-38.5-020915	2/9/2015	0.39	J		0.13	J		0.27	J		<0.39	U		16		J	<3.9	U		0.34	J		0.18	J	
		VMP-1-38.5-020915-DUP	2/9/2015	0.17	J		<0.87	U		<0.86	U		<0.37	U		0.96		J	<3.8	U		<0.69	U		<0.69	U	
		VMP-1-38.5-050515	5/5/2015	<0.56	U		<0.91	U					<0.39	U		0.45	J		<3.9	U		<0.72	U		<0.72	U	
		VMP-1-38.5-061515-R	6/15/2015	<0.062	U		<0.1	U		<0.099	U		<0.043	U		<0.055	U		<0.43	U		<0.079	U		<0.079	U	
		VMP-1-38.5-073015	7/30/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U	UJ	<0.008	U		<0.008	U	
VMP-2	5 ft	VMP-2-5-021015	2/10/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.37			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-2-5-050615	5/6/2015	<0.0062	U		<0.01	U		0.062			<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-2-5-110415	11/4/2015	<0.0053	U		<0.0085	U		0.0049	J		<0.0037	U		0.0032	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-2-5-020116	2/1/2016	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.001	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-2-5-042716	4/27/2016	<0.0066	U		<0.011	U		0.0055	J		<0.0046	U		0.0033	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-2-5-072616	7/26/2016	<0.0056	U		<0.009	U		0.022			<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-2-5-102616	10/26/2016	<0.0058	U		<0.0093	U		0.012			<0.004	U		<0.0051	J	U	<0.04	U		<0.0074	U		<0.0074	U	
	8.5 ft	VMP-2-8.5-021015	2/10/2015	<0.0059	U		<0.0095	U		0.0047	J		<0.0041	U		0.0011	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-2-8.5-050615	5/6/2015	<0.0059	U		<0.0095	U		0.11			<0.0041	U		0.0032	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-2-8.5-110415	11/4/2015	<0.006	U		<0.0096	U		0.012			<0.0041	U		0.0053			<0.042	U		<0.0076	U		<0.0076	U	
		VMP-2-8.5-021616	2/16/2016	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.006	U		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-2-8.5-042716	4/27/2016	<0.0066	U		<0.011	U		0.0074	J		<0.0046	U		0.00082	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-2-8.5-072616	7/26/2016	<0.0063	U		<0.01	U		0.02			0.037			0.001	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-2-8.5-102616	10/26/2016	<0.0058	U		<0.0093	U		0.02			<0.004	U		<0.0051	J	U	<0.04	U		<0.0074	U		<0.0074	U	
	22 ft	VMP-2-22-021015	2/10/2015	<0.0055	U		<0.0088	U		0.0027	J		<0.0038	U		0.0097			<0.038	U		<0.007	U		<0.007	U	
		VMP-2-22-021015-DUP	2/10/2015	<0.0054	U		<0.0087	U		0.0019	J		<0.0037	U		0.0085			<0.038	U		<0.0069	U		<0.0069	U	
		VMP-2-22-050615	5/6/2015	<0.0063	U		<0.01	U		0.22			<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-2-22-073015	7/30/2015	<0.0056	U		<0.0091	U		0.19			0.0021	J		<0.005	U		<0.039	U	UJ	<0.0072	J	U	<0.0072	U	
		VMP-2-22-110415	11/4/2015	<0.0056	U		<0.0091	U		0.016			0.0024	J		0.0045	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-2-22-020116	2/1/2016	<0.006	U		<0.0097	U		0.0071	J		<0.0042	U		0.0029	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-2-22-020116-DUP	2/1/2016	<0.0062	U		<0.0099	U		0.0048	J		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-2-22-042716	4/27/2016	<0.0068	U		<0.011	U		0.0037	J		0.0053			<0.006	U		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-2-22-072616	7/26/2016	<0.0061	U		<0.0098	U		0.01			<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-2-22-102616	10/26/2016	<0.0058	U		<0.0093	U		0.014			<0.004	U		<0.0051	J	U	<0.04	U		<0.0074	U		<0.0074	U	
	42 ft	VMP-2-42-021015	2/10/2015	<5.1	U		<8.2	U		<8.1	U		<3.5	U		0.7	J		<35	U		<6.5	U		<6.5	U	
		VMP-2-42-050615	5/6/2015	<72	U		<120	U					<50	U		27	J		<500	U		<93	U		<93	U	
		VMP-2-42-061515-R	6/15/2015	<58	U		<93	U		<92	U		<40	U		40	J		<400	U		<74	U		<74	U	
		VMP-2-42-073015	7/30/2015	<340	U		<560	U		<550	U		<240	U		150	J		<2400	U	UJ	<440	U		<440	U	
VMP-3	5 ft	VMP-3-5-020915	2/9/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-3-5-050415	5/4/2015	<0.0061	U		<0.0098	U		0.0019	J		<0.0042	U		0.0033	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-3-5-072915	7/29/2015	<0.0056	U		<0.009	U		0.002	J		<0.0039	U		0.0036	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-3-5-110515	11/5/2015	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		0.0031	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-3-5-021616	2/16/2016	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-3-5-042716	4/27/2016	<0.0055	U		<0.0089	U		0.0028	J		<0.0038	U		0.018			<0.038	U		<0.0071	U		<0.0071	U	
		VMP-3-5-080116	8/1/2016	<0.0083	U		<0.013	U		<0.013	U		<0.0058	U		0.0014	J		<0.058	U		<0.011	U		<0.011	U	
		VMP-3-5-102616	10/26/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.002	J		<0.041	U		<0.0076	U		<0.0076	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10-020915	2/9/2015	<0.0047	U		<0.0076	U		<0.0076	U		0.0015	J		0.0039	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-3-10-050415	5/4/2015	<0.0061	U		<0.0099	U		0.0013	J		<0.0042	U		0.0066			<0.043	U		<0.0078	U		<0.0078	U	
		VMP-3-10-072915	7/29/2015	<0.0052	U		<0.0083	U		<0.0082	U		0.0024	J		0.0013	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-3-10-110315	11/3/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-3-10-021616	2/16/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-3-10-042716	4/27/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0035	J		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-3-10-080216	8/2/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0096			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-3-10-102616	10/26/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		0.013			<0.046	U		<0.0085	U		<0.0085	U	
	22 ft	VMP-3-22-020915	2/9/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-3-22-050815	5/8/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-3-22-072915	7/29/2015	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.0023	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-3-22-110315	11/3/2015	<0.0056	U		<0.009	U		<0.0088	U		0.0018	J		0.0017	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-3-22-021616	2/16/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-3-22-042716	4/27/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-3-22-080116	8/1/2016	<0.0075	U		<0.012	U		<0.012	U		<0.0052	U		0.0055	J		<0.052	U		<0.0096	U		<0.0096	U	
		VMP-3-22-102616	10/26/2016	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.0075			<0.043	U		<0.0078	U		<0.0078	U	
	31.5 ft	VMP-3-31.5-020915	2/9/2015	<0.0048	U		<0.0078	U		<0.0077	U		<0.0033	U		0.0009	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-3-31.5-110315	11/3/2015	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0042	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-3-31.5-020116	2/1/2016	<0.0072	U		<0.012	U		<0.011	U		<0.005	U		0.0018	J		<0.05	U		<0.0092	U		<0.0092	U	
		VMP-3-31.5-042716	4/27/2016	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0013	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-3-31.5-080116	8/1/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.007			<0.044	U		<0.0082	U		<0.0082	U	
		VMP-3-31.5-102616	10/26/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0063			<0.035	U		<0.0065	U		<0.0065	U	
	39 ft	VMP-3-39-020915	2/9/2015	<17	U		<27	U		<27	U		<12	U		7.3	J		<120	U		<22	U		<22	U	
		VMP-3-39-110315	11/3/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.0021	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-3-39-020116	2/1/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.016			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-3-39-020116-DUP	2/1/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.017			<0.041	U		<0.0075	U		<0.0075	U	
VMP-4	5 ft	VMP-4-5-021015	2/10/2015	<0.0055	U		<0.0088	U		0.0026	J		<0.0038	U		0.0013	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-4-5-110215	11/2/2015	<0.006	U		<0.0096	U		<0.0095	U		0.0026	J		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-4-5-020316	2/3/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U	UJ	<0.0068	U		<0.0068	U	
		VMP-4-5-050516	5/5/2016	<0.25	U		<0.4	U		<0.4	U		<0.17	U		0.88			<1.7	U		<0.32	U		<0.32	U	
		VMP-4-5-080216	8/2/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.042			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-4-5-102816	10/28/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.017			<0.038	U		<0.0071	U		<0.0071	U	
	12 ft	VMP-4-12-021015	2/10/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0011	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-4-12-051115	5/11/2015	<0.005	U		<0.0081	U		0.003	J		0.0024	J		0.0028	J		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-4-12-080315	8/3/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U	UJ	<0.0082	U		<0.0082	U	
		VMP-4-12-110215	11/2/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-4-12-020316	2/3/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0016	J		<0.038	U	UJ	<0.0069	U		<0.0069	U	
		VMP-4-12-050316	5/3/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0016	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-4-12-080216	8/2/2016	<0.007	U		<0.011	U		<0.011	U		<0.0048	U		<0.0062	U		<0.049	U		<0.0089	U		<0.0089	U	
		VMP-4-12-102816	10/28/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0071			<0.04	U		<0.0074	U		<0.0074	U	
	23.5 ft	VMP-4-23.5-021015	2/10/2015	0.2	J		<1	U		<0.99	U		<0.43	U		1.1			<4.3	U		<0.8	U		<0.8	U	
		VMP-4-23.5-050815	5/8/2015	<0.59	U		<0.95	U					<0.41	U		15			<4.1	U		<0.76	U		<0.76	U	
		VMP-4-23.5-061515-R	6/15/2015	<0.063	U		<0.1	U		<0.1	U		<0.044	U		1.2		J	<0.44	U		<0.081	U		<0.081	U	
		VMP-4-23.5-073015	7/30/2015	<0.24	U		<0.38	U		<0.38	U		<0.16	U		0.12	J		<1.6	U		<0.3	U		<0.3	U	
		VMP-4-23.5-110215	11/2/2015	<0.12	U		<0.19	U		<0.19	U		<0.081	U		0.062	J		<0.82	U	UJ	<0.15	U		<0.15	U	
		VMP-4-23.5-020316	2/3/2016	<1	U		<1.6	U		<1.6	U		<0.7	U		<0.89	U		<7	U		<1.3	U		<1.3	U	
		VMP-4-23.5-020316-DUP	2/3/2016	<0.97	U		<1.6	U		<1.5	U		<0.67	U		<0.86	U		<6.8	U		<1.2	U		<1.2	U	
		VMP-4-23.5-050316	5/3/2016	<0.078	U		<0.12	U		<0.12	U		<0.054	U		<0.069	U		<0.54	U		<0.1	U		<0.1	U	
		VMP-4-23.5-080216	8/2/2016	0.071	J		<0.46	U		<0.46	U		<0.2	U		0.54			<2	U		<0.37	U		<0.37	U	
		VMP-4-23.5-080216-DUP	8/2/2016	0.064	J		<0.47	U		<0.47	U		<0.2	U		0.6			<2	U		<0.38	U		<0.38	U	
		VMP-4-23.5-092316-DUP-R	9/23/2016	<0.063	U		<0.1	U		<0.1	U		<0.044	U		<0.056	U		<0.44	U		<0.081	U		<0.081	U	
		VMP-4-23.5-092316-R	9/23/2016	<0.068	U		<0.11	U		<0.11	U		<0.047	U		<0.06	U		<0.47	U		<0.087	U		<0.087	U	
		VMP-4-23.5-102816	10/28/2016	<0.06	U		<0.097	U		<0.096	U		<0.042	U		0.038	J		<0.42	U		<0.077	U		<0.077	U	
VMP-5	5 ft	VMP-5-5-013015	1/30/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0015	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-5-5-042915	4/29/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0038	J		<0.039	J	U	<0.0072	J	U	<0.0072	U	
		VMP-5-5-072915	7/29/2015	<0.0074	U		<0.012	U		<0.012	U		0.0065			<0.0066	U		<0.052	U		<0.0095	U		<0.0095	U	
		VMP-5-5-102915	10/29/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-5-5-012516	1/25/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-5-5-042816	4/28/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U	U	0.00082	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-5-5-072816	7/28/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-5-5-102516	10/25/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.003	J		<0.041	U		<0.0076	U		<0.0076	U	
	12.5 ft	VMP-5-12.5-013015	1/30/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.00085	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-5-12.5-042915	4/29/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0061			0.048			<0.0078	U		<0.0078	U	
		VMP-5-12.5-072915	7/29/2015	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		<0.0059	U		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-5-12.5-102915	10/29/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-5-12.5-012516	1/25/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-5-12.5-042816	4/28/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U	U	<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-5-12.5-072816	7/28/2016	<0.0063	U		<0.01	U		0.0025	J		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-5-12.5-102516	10/26/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.003	J		<0.037	U		<0.0069	U		<0.0069	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31-013015	1/30/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0016	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-5-31-042915	4/29/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-5-31-072915	7/29/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0038	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-5-31-102915	10/29/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-5-31-030916-R	3/9/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-5-31-042816	4/28/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U	U	0.00087	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-5-31-072816	7/28/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.00074	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-5-31-102516	10/26/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0085			<0.041	U		<0.0076	U		<0.0076	U	
	40 ft	VMP-5-40-013015	1/30/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.00097	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-5-40-042915	4/29/2015	<0.006	U		<0.0097	U		0.0036	J		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-5-40-072915	7/29/2015	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		0.011	J		<0.0076	U		<0.0076	U	
		VMP-5-40-102915	10/29/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-5-40-012516	1/25/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.018			<0.036	U		<0.0067	U		<0.0067	U	
		VMP-5-40-012516-DUP	1/25/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.019			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-5-40-042816	4/28/2016	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U	U	0.00061	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-5-40-072816	7/28/2016	<0.0056	U		<0.0091	U		0.0028	J		<0.0039	U		0.0027	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-5-40-102516	10/26/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0049			<0.037	U		<0.0068	U		<0.0068	U	
VMP-6	5 ft	VMP-6-5-020915	2/9/2015	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.003	J		0.007	J		<0.0066	U		<0.0066	U	
		VMP-6-5-042915	4/29/2015	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	J	U	<0.0049	U		<0.039	J	U	<0.0071	U		<0.0071	U	
		VMP-6-5-072715	7/27/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-6-5-102915	10/29/2015	<0.0054	U		<0.0086	U		0.0034	J		<0.0037	U		0.0016	J		0.0043	J		<0.0069	U		<0.0069	U	
		VMP-6-5-020116	2/1/2016	<0.0061	U		<0.0098	U		0.0032	J		<0.0042	U		0.0033	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-6-5-042516	4/25/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-6-5-072816	7/28/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-6-5-102816	10/28/2016	<0.0059	U		<0.0095	U		0.0076	J		<0.0041	U		<0.0052	J	U	<0.041	U		<0.0076	U		<0.0076	U	
	10 ft	VMP-6-10-020915	2/9/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0063			<0.036	U		<0.0067	U		<0.0067	U	
		VMP-6-10-042915	4/29/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.013			<0.041	U		<0.0076	U		<0.0076	U	
		VMP-6-10-072715	7/27/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-6-10-102915	10/29/2015	<0.0053	U		<0.0086	U		<0.0085	U		0.0032	J		0.002	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-6-10-020116	2/1/2016	<0.0062	U		<0.01	U		0.0024	J		<0.0043	U		0.0066			<0.043	U		<0.0079	U		<0.0079	U	
		VMP-6-10-042516	4/25/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-6-10-072816	7/28/2016	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-6-10-102816	10/28/2016	<0.0056	U		<0.0091	U		0.0024	J		<0.0039	U		0.0052			<0.039	U		<0.0072	U		<0.0072	U	
	31.5 ft	VMP-6-31.5-020915	2/9/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.00087	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-6-31.5-042915	4/29/2015	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0037	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-6-31.5-042915-DUP	4/29/2015	<0.0066	U		<0.01	U		<0.01	U		<0.0045	U		0.0038	J		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-6-31.5-072715	7/27/2015	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-6-31.5-112515	11/25/2015	<0.01	U		<0.016	U		<0.016	U		<0.007	U		<0.0089	U		<0.07	U		<0.013	U		<0.013	U	
		VMP-6-31.5-020116	2/1/2016	<0.0057	U		<0.0092	U		0.0069	J		0.0036	J		0.0072			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-6-31.5-042516	4/25/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-6-31.5-072816	7/28/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		<0.0058	U		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-6-31.5-102816	10/28/2016	<0.0089	U		<0.014	U		0.0041	J		<0.0062	U		0.051			<0.062	U		<0.011	U		<0.011	U	
	39 ft	VMP-6-39-020915	2/9/2015	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0014	J		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-6-39-020915-DUP	2/9/2015	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		0.0014	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-6-39-042915	4/29/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-6-39-072715	7/27/2015	<0.0058	U		<0.0093	U		<0.0092	U		0.0034	J		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-6-39-072715-DUP	7/27/2015	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-6-39-102915	10/29/2015	<0.018	U		<0.03	U		<0.029	U		<0.013	U		<0.016	U		<0.13	U		<0.024	U		<0.024	U	
		VMP-6-39-102915-DUP	10/29/2015	<0.019	U		<0.03	U		<0.03	U		<0.013	U		<0.016	U		<0.13	U		<0.024	U		<0.024	U	
		VMP-6-39-020116	2/1/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.00065	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-6-39-020116-DUP	2/1/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0011	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-6-39-042516	4/25/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.14			<0.046	U		<0.0085	U		<0.0085	U	
		VMP-6-39-072816	7/28/2016	<0.007	U		<0.011	U		<0.011	U		<0.0048	U		<0.0062	U		<0.048	U		<0.0089	U		<0.0089	U	
		VMP-6-39-102816	10/28/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
VMP-7	5 ft	VMP-7-5-020215	2/2/2015	<0.0064	U		<0.01	U		<0.01	U		0.0028	J		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-7-5-043015	4/30/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-7-5-072715	7/27/2015	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-7-5-102815	10/28/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.012			<0.035	U		<0.0065	U		<0.0065	U	
		VMP-7-5-012716	1/27/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0033	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-7-5-042916	4/29/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-7-5-072616	7/26/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-7-5-102516	10/25/2016	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0043	J		<0.036	U		<0.0066	U		<0.0066	U	
	13.5 ft	VMP-7-13.5-020215	2/2/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-7-13.5-043015	4/30/2015	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.006	U		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-7-13.5-072715	7/27/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-7-13.5-102815	10/28/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-7-13.5-012716	1/27/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-7-13.5-042916	4/29/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-7-13.5-072616	7/26/2016	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0011	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-7-13.5-102516	10/25/2016	0.00087	J		<0.0084	U		<0.0083	U		<0.0036	U		0.0079			<0.036	U		<0.0066	U		<0.0066	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5-020215	2/2/2015	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-7-29.5-043015	4/30/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-7-29.5-072715	7/27/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-7-29.5-102815	10/28/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-7-29.5-012716	1/27/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-7-29.5-042916	4/29/2016	<0.011	U		<0.017	U		<0.017	U		<0.0074	U		0.011			<0.074	U		<0.014	U		<0.014	U	
		VMP-7-29.5-072616	7/26/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0018	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-7-29.5-102516	10/25/2016	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0073			<0.036	U		<0.0066	U		<0.0066	U	
	38 ft	VMP-7-38-020215	2/2/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-7-38-043015	4/30/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		0.0033	J		<0.0077	U		<0.0077	U	
		VMP-7-38-072715	7/27/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-7-38-102815	10/28/2015	<0.0059	U		<0.0095	U		<0.0094	U		0.0054			<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-7-38-102815-DUP	10/28/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-7-38-012716	1/27/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U	UJ	<0.035	U		<0.0065	U		<0.0065	U	
		VMP-7-38-012716-DUP	1/27/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.012		J	<0.044	U		<0.0081	U		<0.0081	U	
		VMP-7-38-042916	4/29/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0031	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-7-38-042916-DUP	4/29/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0034	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-7-38-072616	7/26/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		<0.006	U		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-7-38-072616-DUP	7/26/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-7-38-102516	10/25/2016	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-7-38-102516-Dup	10/25/2016	<0.011	U		<0.018	U		<0.018	U		<0.0076	U		<0.0098	U		<0.077	U		<0.014	U		<0.014	U	
VMP-8	5 ft	VMP-8-5-020915	2/9/2015	<0.0057	U		<0.0092	U		0.0012	J		<0.004	U		0.0099			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-5-042715	4/27/2015	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0044	U		<0.034	J	UJ	<0.0063	U		<0.0063	U	
		VMP-8-5-072815	7/28/2015	<0.0054	U		<0.0087	U		<0.0086	U		0.0027	J		0.0055			<0.038	U		<0.0069	U		<0.0069	U	
		VMP-8-5-102715	10/27/2015	<0.0056	U		<0.0091	U		<0.009	U		0.0028	J		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-8-5-012716	1/27/2016	<0.005	U		<0.008	U		0.0034	J		<0.0034	U		0.024			<0.035	U		<0.0064	U		<0.0064	U	
		VMP-8-5-042916	4/29/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.001	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-8-5-072916	7/29/2016	<0.006	U		<0.0097	U		<0.0096	U		0.0058			0.001	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-8-5-102516	10/25/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0012	J		<0.037	U		<0.0069	U		<0.0069	U	
	9.5 ft	VMP-8-9.5-020915	2/9/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0061		U	<0.036	U		<0.0066	U		<0.0066	U	
		VMP-8-9.5-042715	4/27/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	ND,UJ	UJ	<0.0065	U		<0.0065	U	
		VMP-8-9.5-072815	7/28/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0016	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-8-9.5-102715	10/27/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.002	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-8-9.5-012716	1/27/2016	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.00062	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-8-9.5-042916	4/29/2016	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		0.00041	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-8-9.5-072916	7/29/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.00049	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-8-9.5-102516	10/25/2016	<0.0051	U		<0.0082	U		0.0023	J		<0.0035	U		0.00096	J		<0.036	U		<0.0065	U		<0.0065	U	
	23.5 ft	VMP-8-23.5-020915	2/9/2015	<0.0052	U		<0.0083	U		0.0021	J		<0.0036	U		<0.006		U	<0.036	U		<0.0066	U		<0.0066	U	
		VMP-8-23.5-050515-R	5/5/2015	<0.0056	U		<0.009	U		0.0012	J		<0.0039	U		0.0011	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-8-23.5-072815	7/28/2015	<0.0051	U		<0.0082	U		<0.0081	U		0.0035			0.01			<0.035	U		<0.0065	U		<0.0065	U	
		VMP-8-23.5-102715	10/27/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-23.5-012716	1/27/2016	<0.0058	U		<0.0093	U		0.0049	J		<0.004	U		0.0012	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-8-23.5-042916	4/29/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-8-23.5-072916	7/29/2016	<0.0048	U		<0.0077	U		<0.0076	U		0.0034			0.0015	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-8-23.5-072916-DUP	7/29/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.00092	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-8-23.5-102516	10/25/2016	<0.0055	U		<0.0089	U		0.0018	J		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
	35.5 ft	VMP-8-35.5-020915	2/9/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.006		U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-35.5-042715	4/27/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	ND,UJ	UJ	<0.0069	U		<0.0069	U	
		VMP-8-35.5-072815	7/28/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-8-35.5-072815-DUP	7/28/2015	<0.0054	U		<0.0088	U		0.0076	J		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-8-35.5-012816	1/28/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0012	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-8-35.5-012816-DUP	1/28/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.00086	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-35.5-042916	4/29/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.00042	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-35.5-080316	8/3/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.00058	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-8-35.5-102516	10/25/2016	<0.0056	U		<0.009	U		0.002	J		<0.0039	U		0.00053	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-8-35.5-102516-Dup	10/25/2016	<0.0056	U		<0.009	U		0.0017	J		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
VMP-9	5 ft	VMP-9-5-021115	2/11/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.018			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-9-5-050415	5/4/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		0.0068	J		<0.0075	U		<0.0075	U	
		VMP-9-5-072815	7/28/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-9-5-102815	10/28/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-9-5-012816	1/28/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	ND,UJ	UJ	<0.0069	U		<0.0069	U	
		VMP-9-5-042816	4/28/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U	U	0.0012	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-9-5-080116	8/1/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-9-5-102516	10/25/2016	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		0.0022	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-9-5-120916	12/9/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.33			<0.036	U		<0.0066	U		<0.0066	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	11.5 ft	VMP-9-11.5-021115	2/11/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0011	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-9-11.5-050415	5/4/2015	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0016	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-9-11.5-072815	7/28/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-9-11.5-102815	10/28/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-9-11.5-012816	1/28/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0014	J		<0.042	ND,UJ	UJ	<0.0078	U		<0.0078	U	
		VMP-9-11.5-042816	4/28/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U	U	0.023			<0.038	U		<0.0071	U		<0.0071	U	
		VMP-9-11.5-080116	8/1/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0016	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-9-11.5-080116-DUP	8/1/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.00097	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-9-11.5-102516	10/25/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0017	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-9-11.5-120916	12/9/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.015			<0.038	U		<0.0071	U		<0.0071	U	
	25.5 ft	VMP-9-25.5-021115	2/11/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.036			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-9-25.5-050415	5/4/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-9-25.5-052915-R	5/29/2015	<0.006	U		<0.0097	U		0.0038	J		0.001	J		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-9-25.5-072815	7/28/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-9-25.5-102815	10/28/2015	<0.0051	U		<0.0082	U		0.003	J		<0.0035	U		0.0015	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-9-25.5-012816	1/28/2016	<0.0062	U		<0.01	U		0.0033	J		<0.0043	U		<0.0055	U		<0.043	ND,UJ	UJ	<0.008	U		<0.008	U	
		VMP-9-25.5-042816	4/28/2016	<0.0054	U		<0.0088	U		0.002	J		<0.0038	U	U	<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-9-25.5-080116	8/1/2016	<0.0058	U		<0.0094	U		0.0046	J		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-9-25.5-102516	10/25/2016	<0.0053	U		<0.0086	U		0.0057	J		<0.0037	U		0.0067			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-9-25.5-120916	12/9/2016	<0.005	U		<0.0081	U		0.0073	J		<0.0035	U		0.00083	J		<0.035	U		<0.0065	U		<0.0065	U	
	38.5 ft	VMP-9-38.5-050415	5/4/2015	<0.032	U		<0.051	U		<0.05	U		<0.022	U		<0.028	U		<0.22	U		<0.04	U		<0.04	U	
		VMP-9-38.5-050415-DUP	5/4/2015	<0.0038	U		<0.0062	U		<0.0061	U		<0.0026	U		0.0056			<0.027	U		<0.0049	U		<0.0049	U	
		VMP-9-38.5-052915-R	5/29/2015	<0.0062	U		<0.0099	U		0.0047	J		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-9-38.5-072815	7/28/2015	0.0013	J		<0.0076	U		0.0022	J		<0.0032	U		0.014			<0.033	U		<0.006	U		<0.006	U	
		VMP-9-38.5-102815	10/28/2015	<0.0059	U		<0.0095	U		0.0083	J		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-9-38.5-012816	1/28/2016	<0.005	U		<0.008	U		0.0086			<0.0034	U		<0.0044	U		<0.035	ND,UJ	UJ	<0.0064	U		<0.0064	U	
		VMP-9-38.5-042816	4/28/2016	<0.0056	U		<0.009	U		0.016			<0.0039	U	U	<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-9-38.5-072916	7/29/2016	<0.0064	U		<0.01	U		0.025			<0.0045	U		0.0012	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-9-38.5-102516	10/25/2016	<0.0059	U		<0.0095	U		0.025			<0.0041	U		0.00066	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-9-38.5-120916	12/9/2016	<0.0048	U		<0.0077	U		0.023			<0.0033	U		0.0022	J		<0.033	U		<0.0061	U		<0.0061	U	
VMP-10	5 ft	VMP-10-5-020515	2/5/2015	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.00097	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-10-5-043015	4/30/2015	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		0.0021	J		<0.0074	U		<0.0074	U	
		VMP-10-5-072815	7/28/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-10-5-103015	10/30/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-10-5-012916	1/29/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-10-5-050216	5/2/2016	<0.006	U		<0.0096	U		0.0014	J		<0.0041	U		0.00072	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-10-5-082616	8/26/2016	<0.0056	U		<0.009	U		0.0034	J		<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-10-5-110216	11/2/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0083			<0.038	U		<0.0071	U		<0.0071	U	
	10 ft	VMP-10-10-020515	2/5/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.00092	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-10-10-043015	4/30/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-10-10-072815	7/28/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-10-10-103015	10/30/2015	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-10-10-021616	2/16/2016	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-10-10-050216	5/2/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.00093	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-10-10-072816	7/28/2016	<0.0059	U		<0.0095	U		0.0042	J		0.0062			0.003	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-10-10-110216	11/2/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	J	U	<0.041	U		<0.0076	U		<0.0076	U	
	20 ft	VMP-10-20-020515	2/5/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-10-20-043015	4/30/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-10-20-072815	7/28/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0015	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-10-20-072815-DUP	7/28/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0034	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-10-20-103015	10/30/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-10-20-012916	1/29/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-10-20-050216	5/2/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-10-20-072816	7/28/2016	<0.012	U		<0.019	U		<0.019	U		<0.0082	U		<0.01	U		<0.083	U		<0.015	U		<0.015	U	
		VMP-10-20-110216	11/2/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.17			<0.04	U		<0.0074	U		<0.0074	U	
	30 ft	VMP-10-30-020515	2/5/2015	<0.0057	U		<0.0091	U		<0.009	U		0.0067			0.0072			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-10-30-020515-DUP	2/5/2015	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0036	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-10-30-043015	4/30/2015	<0.0057	U		0.0056	J		0.0055	J		<0.0039	U		0.0068			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-10-30-072815	7/28/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-10-30-103015	10/30/2015	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-10-30-012916-DUP	1/29/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-10-30-050216	5/2/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0025	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-10-30-050216-DUP	5/2/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0023	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-10-30-072816	7/28/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-10-30-110216	11/2/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.0041	J		<0.046	U		<0.0085	U		<0.0085	U	
VMP-11	5 ft	VMP-11-5-020515	2/5/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.001	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-11-5-043015	4/30/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-11-5-072815	7/28/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-11-5-103015	10/30/2015	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-11-5-012916	1/29/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-11-5-050216	5/2/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0011	J		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-11-5-080116	8/1/2016	0.0027	J		<0.0097	U		<0.0096	U		0.0052			0.24			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-11-5-110116	11/1/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0072			<0.039	U		<0.0072	U		<0.0072	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	8 ft	VMP-11-8-020515	2/5/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0014	J		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-11-8-043015	4/30/2015	<0.0059	U		<0.0095	U		0.0037	J		<0.0041	U		0.0074			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-11-8-072815	7/28/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0023	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-11-8-103015	10/30/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.002	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-11-8-012916	1/29/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-11-8-050616	5/6/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.00063	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-11-8-080116	8/1/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0021	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-11-8-110116	11/1/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.013			<0.038	U		<0.0071	U		<0.0071	U	
	29 ft	VMP-11-29-020515	2/5/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0013	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-11-29-020515-DUP	2/5/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0012	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-11-29-043015	4/30/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-11-29-072815	7/28/2015	0.00074	J		<0.0093	U		<0.0092	U		<0.004	U		0.0029	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-11-29-110515	11/5/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-11-29-012916	1/29/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-11-29-050216	5/2/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.021			<0.041	U		<0.0076	U		<0.0076	U	
		VMP-11-29-080216	8/2/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-11-29-110116	11/1/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.0025	J		<0.044	U		<0.008	U		<0.008	U	
	38 ft	VMP-11-38-020515	2/5/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0035	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-11-38-043015	4/30/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-11-38-072815	7/28/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-11-38-103015	10/30/2015	<0.0053	U		<0.0086	U		0.0034	J		<0.0037	U		0.0021	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-11-38-103015-DUP	10/30/2015	<0.0048	U		<0.0078	U		<0.0077	U		<0.0033	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-11-38-012916	1/29/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-11-38-050216	5/2/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-11-38-050216-DUP	5/2/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0068	U		<0.0068	U	
		VMP-11-38-080216	8/2/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-11-38-110216	11/2/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.0036	J		<0.044	U		<0.008	U		<0.008	U	
VMP-12	5 ft	VMP-12-5-021115	2/11/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0042	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-12-5-050715	5/7/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0031	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-12-5-073115	7/31/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0037	J		<0.04	U	UJ	<0.0074	U		<0.0074	U	
		VMP-12-5-110415	11/4/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0093			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-12-5-020316	2/3/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0011	J		<0.042	U	UJ	<0.0077	U		<0.0077	U	
		VMP-12-5-050416	5/4/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		0.0015	J		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-12-5-080316	8/3/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0033	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-12-5-103116	10/31/2016	<0.0056	U		<0.0091	U		0.003	J		<0.0039	U		0.035			<0.039	U	U	<0.0072	U		<0.0072	U	
	11.5 ft	VMP-12-11.5-021115	2/11/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.001	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-12-11.5-050715	5/7/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-12-11.5-073115	7/31/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0025	J		<0.044	U	UJ	<0.0082	U		<0.0082	U	
		VMP-12-11.5-110415	11/4/2015	<0.0049	U		<0.0079	U		<0.0078	J	U	<0.0034	U		0.0047			<0.034	U		<0.0062	U		<0.0062	U	
		VMP-12-11.5-020316	2/3/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0016	J		<0.039	U	UJ	<0.0072	U		<0.0072	U	
		VMP-12-11.5-050416	5/4/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-12-11.5-080316	8/3/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-12-11.5-110316	11/3/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
	25 ft	VMP-12-25-021115	2/11/2015	<0.0047	U		<0.0076	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-12-25-050715	5/7/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-12-25-073115	7/31/2015	<0.0069	U		<0.011	U		<0.011	U		<0.0048	U		<0.0061	U		<0.048	U	UJ	<0.0088	U		<0.0088	U	
		VMP-12-25-110415	11/4/2015	<0.0057	U		<0.0092	U		<0.009	J	U	<0.0039	U		0.0019	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-12-25-021616	2/16/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-12-25-021616-DUP	2/16/2016	<0.0058	U		<0.0094	U		0.0081	J		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-12-25-050416	5/4/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0056			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-12-25-080316	8/3/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-12-25-103116	10/31/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0048	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-12-25-103116-Dup	10/31/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0091			<0.037	U		<0.0069	U		<0.0069	U	
	39 ft	VMP-12-39-021115	2/11/2015	<1.4	U		<2.3	U		<2.2	U		<0.98	U		<1.2	U		<9.9	U		<1.8	U		<1.8	U	
		VMP-12-39-050715	5/7/2015	1.3	J		<5	U					<2.2	U		12			<22	U		<4	U		<4	U	
		VMP-12-39-050715-DUP	5/7/2015	0.99	J		<4.7	U					<2	U		11			<20	U		<3.7	U		<3.7	U	
		VMP-12-39-061515-Dup-R	6/15/2015	<0.053	U		<0.085	U		<0.084	U	UJ	<0.037	U		<0.047	U		<0.37	U		<0.068	U		<0.068	U	
		VMP-12-39-061515-R	6/15/2015	<0.061	U		<0.098	U		0.25		J	<0.042	U		<0.054	U		<0.43	U		<0.078	U		<0.078	U	
		VMP-12-39-073115	7/31/2015	<1.3	U		<2.1	U		<2	U		<0.89	U		<1.1	U		<9	U		<1.6	U		<1.6	U	
		VMP-12-39-073115-DUP	7/31/2015	<3.5	U		<5.6	U		<5.6	U		<2.4	U		<3.1	U		<24	U		<4.5	U		<4.5	U	
		VMP-12-39-110415	11/4/2015	<2.2	U		<3.5	U		<3.4	U		<1.5	U		1.5	J		<15	U	UJ	<2.8	U		<2.8	U	
		VMP-12-39-020316	2/3/2016	<16	U		<26	U		<25	U		<11	U		3.7	J		<110	U		<20	U		<20	U	
		VMP-12-39-050416	5/4/2016	<5.5	U		<8.8	U		1.2	J		<3.8	U		1.4	J		<38	U		<7	U		<7	U	
		VMP-12-39-080316	8/3/2016	<4.8	U		<7.7	U		2.7	J		<3.3	U		3.8	J		<33	U		<6.1	U		<6.1	U	
		VMP-12-39-110316	11/3/2016	<12	U		<20	U		5.7	J		<8.6	U		6.7	J		<86	U		<16	U		<16	U	
VMP-13	5 ft	VMP-13-5-020515	2/5/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-13-5-043015	4/30/2015	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-13-5-072715	7/27/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0022	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-13-5-110215	11/2/2015	<0.0048	U		<0.0078	U		<0.0077	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-13-5-012616	1/26/2016	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-13-5-050316	5/3/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.001	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-13-5-072916	7/29/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.001	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-13-5-110216	11/2/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0093			<0.037	U		<0.0068	U		<0.0068	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	10.5 ft	VMP-13-10.5-020515	2/5/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.001	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-13-10.5-043015	4/30/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-13-10.5-072715	7/27/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-13-10.5-110215	11/2/2015	<0.0051	U		<0.0082	U		<0.0081	U		0.0055			0.0039	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-13-10.5-012616	1/26/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-13-10.5-050316	5/3/2016	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.00047	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-13-10.5-072916	7/29/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0065			<0.043	U		<0.0079	U		<0.0079	U	
		VMP-13-10.5-110216	11/2/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0045	J		<0.043	U		<0.0079	U		<0.0079	U	
	21.5 ft	VMP-13-21.5-020515	2/5/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-13-21.5-043015	4/30/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0058	U		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-13-21.5-072715	7/27/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-13-21.5-112515	11/25/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-13-21.5-012616	1/26/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-13-21.5-050316	5/3/2016	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		0.0013	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-13-21.5-050316-DUP	5/3/2016	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.00078	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-13-21.5-072916	7/29/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-13-21.5-110216	11/2/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.066			<0.037	U		<0.0069	U		<0.0069	U	
	29.5 ft	VMP-13-29.5-020515	2/5/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-13-29.5-043015	4/30/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-13-29.5-072715	7/27/2015	<0.0065	U		<0.01	U		0.0027	J		<0.0045	U		<0.0058	U		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-13-29.5-072715-DUP	7/27/2015	<0.0066	U		<0.01	U		<0.01	U		<0.0045	U		0.0016	J		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-13-29.5-110215	11/2/2015	<0.0046	U		<0.0073	U		<0.0072	U		<0.0032	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U	
		VMP-13-29.5-110215-DUP	11/2/2015	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-13-29.5-012616	1/26/2016	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.035	J	U	<0.0064	U		<0.0064	U	
		VMP-13-29.5-050316	5/3/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-13-29.5-082616-R	8/29/2016	<0.0047	U		<0.0076	U		<0.0076	U		<0.0033	U		0.01			<0.033	U		<0.0061	U		<0.0061	U	
		VMP-13-29.5-110216	11/2/2016	<0.0057	U		0.0069	J		<0.0091	U		<0.004	U		0.0031	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-13-29.5-110216-Dup	11/2/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0031	J		<0.038	U		<0.007	U		<0.007	U	
VMP-14	5 ft	VMP-14-5-020615	2/6/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-14-5-043015	4/30/2015	<0.0056	U		<0.009	U		0.0034	J		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-14-5-072915	7/29/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0013	J		<0.037	U	UJ	<0.0068	U		<0.0068	U	
		VMP-14-5-110215	11/2/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.0014	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-14-5-012616	1/26/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-14-5-050316	5/3/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP14-5-072916	7/29/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0018	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-14-5-110216	11/2/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.01			<0.041	U		<0.0076	U		<0.0076	U	
	11.5 ft	VMP-14-11.5-020615	2/6/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-14-11.5-043015	4/30/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-14-11.5-072915	7/29/2015	<0.0063	U		<0.01	U		<0.01	U		0.0024	J		0.0047	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-14-11.5-110215	11/2/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-14-11.5-012616	1/26/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-14-11.5-050316	5/3/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-14-11.5-072916	7/29/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0056	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-14-11.5-110216	11/2/2016	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.0029	J		<0.043	U		<0.0078	U		<0.0078	U	
	20 ft	VMP-14-20-020615	2/6/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0035	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-14-20-043015	4/30/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-14-20-072915	7/29/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0022	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-14-20-110215	11/2/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0016	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-14-20-012616	1/26/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0013	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-14-20-050416	5/4/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.00067	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-14-20-072916	7/29/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		0.00072	J		<0.047	U		<0.0086	U		<0.0086	U	
	29 ft	VMP-14-29-020615	2/6/2015	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.00095	J		0.016	J		<0.0072	U		<0.0072	U	
		VMP-14-29-043015	4/30/2015	<0.0052	U		<0.0083	U		0.0035	J		<0.0036	U		0.068			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-14-29-043015-DUP	4/30/2015	0.0011	J		<0.0073	U		0.0028	J		<0.0031	U		0.07			<0.032	U		<0.0058	U		<0.0058	U	
		VMP-14-29-072915	7/29/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-14-29-110215	11/2/2015	<0.0054	U		<0.0088	U		0.0021	J		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-14-29-012616	1/26/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-14-29-012616-DUP	1/26/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-14-29-050316	5/3/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.03			<0.042	U		<0.0078	U		<0.0078	U	
		VMP-14-29-072916	7/29/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-14-29-072916-DUP	7/29/2016	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		0.0066			<0.034	U		<0.0062	U		<0.0062	U	
		VMP-14-29-110216	11/2/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
VMP-15	5 ft	VMP-15-5-020615	2/6/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-15-5-050415	5/4/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.012			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-15-5-072915	7/29/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-15-5-110415	11/4/2015	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.0022	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-15-5-020316	2/3/2016	<0.011	U		<0.018	U		<0.018	U		<0.0077	U		<0.0098	U		<0.077	U		<0.014	U		<0.014	U	
		VMP-15-5-050316	5/3/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-15-5-080216	8/2/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0009	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-15-5-110116	11/1/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	21.5 ft	VMP-15-21.5-020615	2/6/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-15-21.5-050415	5/4/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.002	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-15-21.5-072915	7/29/2015	<0.068	U		<0.11	U		<0.11	U		<0.047	U		<0.06	U		<0.47	U		<0.086	U		<0.086	U	
		VMP-15-21.5-110415	11/4/2015	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0022	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-15-21.5-020316	2/3/2016	<0.075	U		<0.12	U		<0.12	U		<0.052	U		<0.066	U		<0.52	U		<0.096	U		<0.096	U	
		VMP-15-21.5-050316	5/3/2016	0.00086	J		<0.0073	U		<0.0072	U		<0.0031	U		0.028			<0.032	U		<0.0058	U		<0.0058	U	
		VMP-15-21.5-080216	8/2/2016	<0.037	U		<0.06	U		<0.06	U		<0.026	U		<0.033	U		<0.26	U		<0.048	U		<0.048	U	
		VMP-15-21.5-110116	11/1/2016	<0.0085	U		<0.014	U		<0.014	U		<0.0059	U		0.0032	J		<0.059	U		<0.011	U		<0.011	U	
	25.5 ft	VMP-15-25.5-020615	2/6/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.001	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-15-25.5-050415	5/4/2015	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-15-25.5-072915	7/29/2015	<0.075	U		<0.12	U		<0.12	U		<0.052	U		<0.066	U		<0.52	U		<0.096	U		<0.096	U	
		VMP-15-25.5-110415	11/4/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-15-25.5-020316	2/3/2016	<0.3	U		<0.48	U		<0.47	U		<0.21	U		<0.26	U		<2.1	U		<0.38	U		<0.38	U	
		VMP-15-25.5-050316	5/3/2016	<0.014	U		<0.023	U		<0.023	U		<0.0099	U		0.0095	J		<0.1	U		<0.018	U		<0.018	U	
		VMP-15-25.5-080216	8/2/2016	<0.06	U		<0.097	U		<0.096	U		<0.042	U		<0.054	U		<0.42	U		<0.077	U		<0.077	U	
		VMP-15-25.5-110116	11/1/2016	<0.038	U		<0.062	U		<0.061	U		<0.027	U		0.016	J		<0.27	U		<0.049	U		<0.049	U	
		VMP-15-25.5-110116-Dup	11/1/2016	<0.04	U		<0.064	U		<0.064	U		<0.028	U		0.015	J		<0.28	U		<0.051	U		<0.051	U	
	29 ft	VMP-15-29-020615	2/6/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0019	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-15-29-020615-DUP	2/6/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0033	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-15-29-050415	5/4/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0071			<0.042	U		<0.0076	U		<0.0076	U	
		VMP-15-29-072915	7/29/2015	<0.084	U		<0.14	U		<0.13	U		<0.058	U		0.019	J		<0.58	U		<0.11	U		<0.11	U	
		VMP-15-29-072915-DUP	7/29/2015	<0.07	U		<0.11	U		<0.11	U		<0.048	U		<0.062	U		<0.49	U		<0.09	U		<0.09	U	
		VMP-15-29-110415	11/4/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0025	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-15-29-020316	2/3/2016	<0.11	U		<0.18	U		<0.18	U		<0.078	U		<0.1	U		<0.79	U		<0.14	U		<0.14	U	
		VMP-15-29-050316	5/3/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-15-29-080216	8/2/2016	<0.076	U		<0.12	U		<0.12	U		<0.052	U		<0.067	U		<0.53	U		<0.097	U		<0.097	U	
VMP-16	5 ft	VMP-16-5-021115	2/11/2015	<0.0056	U		<0.009	U		0.0015	J		<0.0039	U		0.005			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-16-5-050715	5/7/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0082			<0.044	U		<0.0082	U		<0.0082	U	
		VMP-16-5-073115	7/31/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U	UJ	<0.0072	U		<0.0072	U	
		VMP-16-5-110415	11/4/2015	<0.0058	U		<0.0094	U		0.0035	J		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-16-5-020316	2/3/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-16-5-050416	5/4/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.00066	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-16-5-080316	8/3/2016	<0.0048	U		<0.0078	U		<0.0077	U		<0.0033	U		0.0019	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-16-5-103116	10/31/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
	13.5 ft	VMP-16-13.5-021115	2/11/2015	<9.5	U		<15	U		<15	U		<6.6	U		2.2	J		<66	U		<12	U		<12	U	
		VMP-16-13.5-050715	5/7/2015	<14	U		<22	U		<22	U		<9.4	U		7.9	J		<95	U		<17	U		<17	U	
		VMP-16-13.5-073115	7/31/2015	<3	U		<4.8	U		<4.7	U		<2.1	U		<2.6	U		<21	U		<3.8	U		<3.8	U	
		VMP-16-13.5-110415	11/4/2015	<6	U		<9.7	U		<9.6	U		<4.2	U		<5.3	U		<42	U	UJ	<7.7	U		<7.7	U	
		VMP-16-13.5-020316	2/3/2016	<28	U		<45	U		<45	U		<19	U		<25	U		<200	U		<36	U		<36	U	
		VMP-16-13.5-052516-R	5/25/2016	<2.9	U		<4.7	U		2	J		<2	U		<2.6	U		<20	U		<3.7	U		<3.7	U	
		VMP-16-13.5-080316	8/3/2016	<9.5	U		<15	U		<15	U		<6.6	U		2.8	J		<66	U		<12	U		<12	U	
		VMP-16-13.5-103116	10/31/2016	<3	U		<4.8	U		<4.7	U		<2.1	U		<2.6	U		<21	ND,UJ	UJ	<3.8	U		<3.8	U	
	19 ft	VMP-16-19-021115	2/11/2015	<4.8	U		<7.8	U		<7.7	U		<3.3	U		1.3	J		<34	U		<6.2	U		<6.2	U	
		VMP-16-19-050715	5/7/2015	2.6	J		<17	U		<17	U		<7.2	U		22			<73	U		<13	U		<13	U	
		VMP-16-19-073115	7/31/2015	<6.2	U		<9.9	U		<9.8	U		<4.3	U		<5.4	U		<43	U		<7.9	U		<7.9	U	
		VMP-16-19-110415	11/4/2015	<1	U		<1.6	U		<1.6	U		<0.69	U		<0.88	U		<6.9	U	UJ	<1.3	U		<1.3	U	
		VMP-16-19-020316	2/3/2016	<33	U		<53	U		<52	U		6.2	J		<29	U		<230	U		<42	U		<42	U	
		VMP-16-19-050416	5/4/2016	<2.1	U		<3.4	U		<3.4	U		<1.4	U		0.97	J		<15	U		<2.7	U		<2.7	U	
		VMP-16-19-080316	8/3/2016	<6.3	U		<10	U		4.6	J		<4.4	U		4.4	J		<44	U		<8.1	U		<8.1	U	
		VMP-16-19-103116	10/31/2016	<2.8	U		<4.5	U		<4.4	U		<1.9	U		<2.4	U		<19	U		<3.5	U		<3.5	U	
	31 ft	VMP-16-31-021115	2/11/2015	<4.2	U		<6.9	U		<6.8	U		<2.9	U		1.2	J		<30	U		<5.4	U		<5.4	U	
		VMP-16-31-050715	5/7/2015	<7.6	U		<12	U		<12	U		<5.3	U		5.8	J		<53	U		<9.8	U		<9.8	U	
		VMP-16-31-073115	7/31/2015	<3.2	U		<5.1	U		<5	U		<2.2	U		<2.8	U		<22	U		<4	U		<4	U	
		VMP-16-31-073115-DUP	7/31/2015	<2.9	U		<4.7	U		<4.7	U		<2	U		<2.6	U		<20	U		<3.8	U		<3.8	U	
		VMP-16-31-110415	11/4/2015	<6.2	U		<9.9	U		<9.8	U		<4.3	U		0.96	J		<43	U	UJ	<7.9	U		<7.9	U	
		VMP-16-31-020316	2/3/2016	<11	U		<18	U		<18	U		2.1	J		<10	U		<79	U		<14	U		<14	U	
		VMP-16-31-020316-DUP	2/3/2016	<14	U		<22	U		<22	U		<9.4	U		<12	U		<94	U		<17	U		<17	U	
		VMP-16-31-050416	5/4/2016	<5.7	U		<9.1	U		<9	U		<3.9	U		9.5		J	<39	U		<7.2	U		<7.2	U	
		VMP-16-31-050416-DUP	5/4/2016	<5.5	U		<8.9	U		<8.8	U		<3.8	U		20		J	<38	U		<7.1	U		<7.1	U	
		VMP-16-31-080316	8/3/2016	<3.8	U		<6.2	U		<6.1	U		<2.6	U		3.8			<27	U		<4.9	U		<4.9	U	
		VMP-16-31-103116	10/31/2016	<2.7	U		<4.4	U		<4.3	U		<1.9	U		<2.4	U		<19	ND,UJ	UJ	<3.5	U		<3.5	U	
		VMP-16-31-103116-Dup	10/31/2016	<2.8	U		<4.6	U		<4.5	U		<2	U		0.36	J		<20	ND,UJ	UJ	<3.6	U		<3.6	U	
VMP-17	5 ft	VMP-17-5-020415	2/4/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-17-5-050115	5/1/2015	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-17-5-072815	7/28/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-17-5-102915	10/29/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0016	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-17-5-020216	2/2/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.003	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-17-5-050216	5/2/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-17-5-072516	7/25/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0084			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-17-5-103116	10/31/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-18	8.5 ft	VMP-18-8.5-020415	2/4/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-18-8.5-050115	5/1/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-18-8.5-050115-DUP	5/1/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-18-8.5-072815	7/28/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-18-8.5-102915	10/29/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0015	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-18-8.5-020216	2/2/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0035	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-18-8.5-050516	5/5/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-18-8.5-072516	7/25/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-18-8.5-102516	10/26/2016	<0.011	U		<0.017	U		<0.017	U		<0.0074	U		0.0044	J		<0.075	U		<0.014	U		<0.014	U	
VMP-19	5 ft	VMP-19-5-020415	2/4/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-19-5-050115	5/1/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-19-5-072815	7/28/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-19-5-102615	10/26/2015	<0.0059	U		<0.0095	U		0.0045	J		<0.0041	U		0.0023	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-19-5-020216	2/2/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0031	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-19-5-050616	5/6/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-19-5-072816	7/28/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-19-5-102516	10/26/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U	
VMP-20	5 ft	VMP-20-5-012715	1/27/2015	<0.0054	U		<0.0086	U		0.0017	J		<0.0037	U		0.0037	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-20-5-042715	4/27/2015	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0011	J		<0.037	ND,UJ	UJ	<0.0068	U		<0.0068	U	
		VMP-20-5-072015	7/20/2015	<0.006	U		<0.0097	U		0.004	J		<0.0042	U		0.027			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-20-5-102015	10/20/2015	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0016	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-20-5-021616	2/16/2016	<0.0069	U		<0.011	U		<0.011	U		<0.0048	U		<0.0061	U		<0.048	U		<0.0089	U		<0.0089	U	
		VMP-20-5-042516	4/25/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0041	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-20-5-072216	7/22/2016	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0016	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-20-5-102616	10/26/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0017	J		<0.036	U		<0.0067	U		<0.0067	U	
	10 ft	VMP-20-10-012715	1/27/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-20-10-012715-DUP	1/27/2015	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-20-10-042715	4/27/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	ND,UJ	UJ	<0.0066	U		<0.0066	U	
		VMP-20-10-072015	7/20/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-20-10-102015	10/20/2015	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-20-10-102015-DUP	10/20/2015	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-20-10-021616	2/16/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.04			<0.036	U		<0.0067	U		<0.0067	U	
		VMP-20-10-042516	4/25/2016	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.002	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-20-10-072216	7/22/2016	<0.006	U		<0.0096	U		<0.0095	U		0.057			<0.0053	U		0.0079	J		<0.0077	U		<0.0077	U	
		VMP-20-10-102616	10/26/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0023	J		<0.036	U		<0.0066	U		<0.0066	U	
	25 ft	VMP-20-25-012715	1/27/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-20-25-042715	4/27/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0016	J		<0.038	ND,UJ	UJ	<0.007	U		<0.007	U	
		VMP-20-25-072015	7/20/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-20-25-102015	10/20/2015	0.0016	J		0.0023	J		0.0031	J		0.0024	J		0.0021	J		0.016	J		<0.0064	U		<0.0064	U	
		VMP-20-25-020216	2/2/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	J	UJ	<0.008	U		<0.008	U	
		VMP-20-25-042516	4/25/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0019	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-20-25-072216	7/22/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0016	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-20-25-102616	10/26/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U	
	39.5 ft	VMP-20-39.5-042715	4/27/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0098			0.002	J		<0.0067	U		<0.0067	U	
		VMP-20-39.5-042715-DUP	4/27/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.011			<0.043	U		<0.0078	U		<0.0078	U	
		VMP-20-39.5-072015	7/20/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-20-39.5-072015-DUP	7/20/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-20-39.5-012715	1/27/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-20-39.5-102015	10/20/2015	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0021	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-20-39.5-020216	2/2/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.017			<0.037	J	UJ	<0.0069	U		<0.0069	U	
		VMP-20-39.5-020216-DUP	2/2/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.018			<0.037	U	UJ	<0.0068	U		<0.0068	U	
VMP-21	5 ft	VMP-21-5-012715	1/27/2015	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-21-5-042715	4/27/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-21-5-072015	7/20/2015	<0.0059	U		<0.0095	U		0.019			<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-21-5-102315	10/23/2015	<0.0054	U		<0.0086	U		0.011			<0.0037	U		0.0013	J		<0.037	U	U	<0.0069	U		<0.0069	U	
		VMP-21-5-012616	1/26/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	ND,UJ	UJ	<0.0076	U		<0.0076	U	
		VMP-21-5-042716	4/27/2016	<0.0058	U		<0.0093	U		0.0022	J		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-21-5-072616	7/26/2016	<0.0057	U		<0.0091	U		0.0081	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-21-5-102416	10/24/2016	<0.0057	U		<0.0091	U		0.0021	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
	10 ft	VMP-21-10-012715	1/27/2015	<0.0057	U		<0.0091	U		0.0018	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-21-10-042715	4/27/2015	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-21-10-072015	7/20/2015	<0.0057	U		<0.0092	U		0.016			<0.004	U		0.0039	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-21-10-102315	10/23/2015	<0.0059	U		<0.0096	U		0.024			<0.0041	U		0.0016	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-21-10-012616	1/26/2016	<0.0053	U		<0.0086	U		0.003	J		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-21-10-042716	4/27/2016	<0.0061	U		<0.0098	U		0.0028	J		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-21-10-072616	7/26/2016	<0.0059	U		<0.0095	U		0.0084	J		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-21-10-102416	10/24/2016	<0.01	U		<0.017	U		0.0073	J		<0.0073	U		0.0016	J		<0.073	U		<0.013	U		<0.013	U	
	25 ft	VMP-21-25-012715	1/27/2015	<0.0057	U		<0.0092	U		0.0032	J		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-21-25-042715	4/27/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-21-25-072015	7/20/2015	<0.0058	U		<0.0093	U		0.0041	J		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-21-25-102315	10/23/2015	<0.0051	U		<0.0082	U		0.0052	J		<0.0035	U		0.00098	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-21-25-012616	1/26/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.005	U		<0.04	ND,UJ	UJ	<0.0073	U		<0.0073	U	
		VMP-21-25-042716	4/27/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.028			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-21-25-072616	7/26/2016	<0.0056	U		<0.0091	U		0.002	J		<0.0039	U		0.0015	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-21-25-102416	10/24/2016	<0.0054	U		<0.0086	U		0.0023	J		<0.0037	U		0.00052	J		<0.037	U		<0.0069	U		<0.0069	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-012715	1/27/2015	<0.0054	U		<0.0086	U		0.02			<0.0037	U		0.0026	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-21-33-072015	7/20/2015	<0.006	U		<0.0097	U		0.02			<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-21-33-102315	10/23/2015	<0.0048	U		<0.0078	U		0.014			<0.0033	U		0.0012	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-21-33-102315-DUP	10/23/2015	<0.012	U		<0.02	U		0.018	J		<0.0084	U		<0.011	U		<0.085	U		<0.016	U		<0.016	U	
		VMP-21-33-042716	4/27/2016	<0.006	U		<0.0097	U		0.012			<0.0042	U		0.00066	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-21-33-072616	7/26/2016	<0.006	U		<0.0096	U		0.011			<0.0041	U		0.0012	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-21-33-102416	10/24/2016	<0.0057	U		<0.0091	U		0.0077	J		<0.0039	U		0.00061	J		<0.039	U		<0.0072	U		<0.0072	U	
VMP-22	5 ft	VMP-22-5-012715	1/27/2015	<0.0048	U		<0.0078	U		<0.0077	U		<0.0033	U		0.0058			<0.034	U		<0.0062	U		<0.0062	U	
		VMP-22-5-042715	4/27/2015	<0.011	U		<0.017	U		<0.017	U		<0.0074	U		0.022			<0.075	U		<0.014	U		<0.014	U	
		VMP-22-5-072015	7/20/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-22-5-012616	1/26/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-22-5-042616	4/26/2016	<0.0074	U		<0.012	U		<0.012	U		<0.0051	U		0.0022	J		<0.051	U		<0.0094	U		<0.0094	U	
		VMP-22-5-072216	7/22/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0061			<0.046	U		<0.0084	U		<0.0084	U	
		VMP-22-5-102716	10/27/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	J	U	<0.036	U		<0.0066	U		<0.0066	U	
	10 ft	VMP-22-10-012715	1/27/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.0021	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-22-10-042715	4/27/2015	<0.0052	U		<0.0084	U		<0.0083	U		0.0012	J		0.01			0.0017	J		<0.0067	U		<0.0067	U	
		VMP-22-10-072015	7/20/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0038	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-22-10-102315	10/23/2015	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0041	U		0.0016	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-22-10-012616	1/26/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-22-10-042616	4/26/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0023	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-22-10-072216	7/22/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0024	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-22-10-102716	10/27/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
	18 ft	VMP-22-18-012715	1/27/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0059			<0.036	U		<0.0067	U		<0.0067	U	
		VMP-22-18-012715-DUP	1/27/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0043	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-22-18-042715	4/27/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0066			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-22-18-072015	7/20/2015	<0.0072	U		<0.012	U		<0.011	U		<0.005	U		0.0084			<0.05	U		<0.0092	U		<0.0092	U	
		VMP-22-18-102315	10/23/2015	<0.0056	U		<0.009	U		0.0051	J		<0.0039	U		0.0017	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-22-18-012616	1/26/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-22-18-042616	4/26/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0019	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-22-18-072216	7/22/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.00096	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-22-18-102716	10/27/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0018	J		<0.041	U		<0.0076	U		<0.0076	U	
	38 ft	VMP-22-38-012715	1/27/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-22-38-042715	4/27/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-22-38-042715-DUP	4/27/2015	0.0013	J		0.0029	J		<0.0087	U		<0.0038	U		<0.0048	U		0.018	J		<0.007	U		<0.007	U	
		VMP-22-38-072015	7/20/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-22-38-072015-DUP	7/20/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-22-38-102315	10/23/2015	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.004	U		0.001	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-22-38-012616-DUP	1/26/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-22-38-042616	4/26/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		<0.0058	U		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-22-38-072216	7/22/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0016	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-22-38-072216-DUP	7/22/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0016	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-22-38-102716	10/27/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	J	U	<0.04	U		<0.0074	U		<0.0074	U	
		VMP-22-38-102716-Dup	10/27/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0068	U		<0.0068	U	
VMP-23	5 ft	VMP-23-5-012715	1/27/2015	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		<0.0058	U		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-23-5-042715	4/27/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.021			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-23-5-072015	7/20/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0021	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-23-5-102615	10/26/2015	<0.0048	U		<0.0077	U		<0.0076	J	U	<0.0033	U		0.0069			<0.033	U		<0.0061	U		<0.0061	U	
		VMP-23-5-012516	1/25/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		0.0038	J	J	<0.0076	U		<0.0076	U	
		VMP-23-5-062816	6/28/2016	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.00098	J		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-23-5-072216	7/22/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0009	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-23-5-101916	10/19/2016	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.00062	J		<0.038	U		<0.007	U		<0.007	U	
	10 ft	VMP-23-10-012715	1/27/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0026	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-23-10-042715	4/27/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-23-10-072015	7/20/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-23-10-102615	10/26/2015	<0.0056	U		<0.0091	U		<0.009	J	U	<0.0039	U		0.00095	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-23-10-012516	1/25/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-23-10-062816	6/28/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0021	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-23-10-072216	7/22/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-23-10-101916	10/19/2016	0.00072	J		<0.0084	U		<0.0083	U		<0.0036	U		0.01			<0.036	U		<0.0066	U		<0.0066	U	
	25 ft	VMP-23-25-012715	1/27/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-23-25-042715	4/27/2015	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-23-25-072015	7/20/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0019	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-23-25-102615	10/26/2015	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.004	U		0.001	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-23-25-012516	1/25/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-23-25-062816	6/28/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.00084	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-23-25-072216	7/22/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0056	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-23-25-101916	10/19/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
	40 ft	VMP-23-40-012715	1/27/2015	<0.0059	U		<0.0095	U		<0.0094	U		0.018			<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-23-40-042715	4/27/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	J	U	<0.0083	U		<0.0083	U	
		VMP-23-40-072015	7/20/2015	<0.0056	U		<0.0091	U		0.0033	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-23-40-102615	10/26/2015	<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0037	U		0.0014	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-23-40-102615-DUP	10/26/2015	<0.0056	U		<0.0091	U		<0.009	J	U	<0.0039	U		<0.005	J	U	<0.039	J	U	<0.0072	U		<0.0072	U	
		VMP-23-40-012516	1/25/2016	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-23-40-072216	7/22/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-020215	2/2/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-24-5-042715	4/27/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-24-5-072115	7/21/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0012	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-24-5-102915	10/29/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-24-5-012716	1/27/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0017	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-24-5-042916	4/29/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.00078	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-24-5-072716	7/27/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.002	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-24-5-102816	10/28/2016	<0.0046	U		<0.0074	U		<0.0073	U		<0.0032	U		0.0053			<0.032	U		<0.0059	U		<0.0059	U	
	10 ft	VMP-24-10-020215	2/2/2015	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-24-10-042715	4/27/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-24-10-072115	7/21/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-24-10-102915	10/29/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-24-10-012716	1/27/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-24-10-042916	4/29/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.00091	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-24-10-072716	7/27/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-24-10-102816	10/28/2016	<0.0044	U		<0.0071	U		0.0032	J		<0.003	U		0.0052			<0.031	U		<0.0056	U		<0.0056	U	
	22 ft	VMP-24-22-020215	2/2/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-24-22-042715	4/27/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-24-22-072115	7/21/2015	<0.0056	U	UJ	<0.0091	U	UJ	<0.009	U	UJ	<0.0039	U	UJ	<0.005	U	UJ	<0.039	U	UJ	<0.0072	U	UJ	<0.0072	U	UJ
		VMP-24-22-082415	8/24/2015	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-24-22-082415-DUP	8/24/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-24-22-102915	10/29/2015	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.0012	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-24-22-012716	1/27/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-24-22-042916	4/29/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.0018	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-24-22-072716	7/27/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-24-22-102816	10/28/2016	<0.0047	U		<0.0075	U		<0.0074	U		<0.0032	U		<0.0041	J	U	<0.032	U		<0.006	U		<0.006	U	
	34 ft	VMP-24-34-020215	2/2/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0015	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-24-34-020215-DUP	2/2/2015	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0018	J		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-24-34-042715	4/27/2015	<0.0075	U		<0.012	U		<0.012	U		<0.0052	U		<0.0066	U		<0.052	U		<0.0096	U		<0.0096	U	
		VMP-24-34-072115	7/21/2015	<0.0057	U		<0.0092	U		0.0015	J		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-24-34-072115-DUP	7/21/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-24-34-102915	10/29/2015	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0023	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-24-34-012716	1/27/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-24-34-042916	4/29/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0011	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-24-34-072716	7/27/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.00096	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-24-34-072716-DUP	7/27/2016	<0.0047	U		<0.0076	U		0.0035	J		<0.0033	U		0.00098	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-24-34-102816	10/28/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	J	U	<0.043	U		<0.0079	U		<0.0079	U	
		VMP-24-34-102816-Dup	10/28/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U	
VMP-25	5 ft	VMP-25-5-021115	2/11/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.086			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-25-5-050715	5/7/2015	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-25-5-073015	7/30/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-25-5-110515	11/5/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0042	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-25-5-021616	2/16/2016	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-25-5-050416	5/4/2016	<0.1	U		<0.17	U		<0.16	U		<0.072	U		0.029	J		<0.72	U		<0.13	U		<0.13	U	
		VMP-25-5-080316	8/3/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.0023	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-25-5-103116	10/31/2016	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.00066	J		<0.036	U		<0.0066	U		<0.0066	U	
	21 ft	VMP-25-21-021115	2/11/2015	<2.6	U		<4.2	U		<4.2	U		<1.8	U		<2.3	U		<18	U		<3.4	U		<3.4	U	
		VMP-25-21-050715	5/7/2015	<5.1	U		<8.3	U					<3.6	U		3.1	J		<36	U		<6.6	U		<6.6	U	
		VMP-25-21-073015	7/30/2015	<1.4	U		<2.2	U		<2.2	U		<0.95	U		0.38	J		<9.5	U		<1.8	U		<1.8	U	
		VMP-25-21-110515	11/5/2015	<1.2	U		<2	U		<1.9	U		<0.84	U		1.6			<8.5	U	UJ	<1.6	U		<1.6	U	
		VMP-25-21-050416	5/4/2016	<0.064	U		<0.1	U		<0.1	U		<0.045	U		<0.057	U		<0.45	U		<0.083	U		<0.083	U	
		VMP-25-21-080316	8/3/2016	<0.006	U		<0.0097	U		<0.0096	U		0.0025	J		0.0019	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-25-21-103116	10/31/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-25-21-103116-Dup	10/31/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0011	J		<0.036	U		<0.0066	U		<0.0066	U	
	31 ft	VMP-25-31-021115	2/11/2015	<2.5	U		<4	U		<4	U		<1.7	U		<2.2	U		<18	U		<3.2	U		<3.2	U	
		VMP-25-31-021115-DUP	2/11/2015	<2.5	U		<4	U		<4	U		<1.7	U		<2.2	U		<17	U		<3.2	U		<3.2	U	
		VMP-25-31-050715	5/7/2015	<6.9	U		<11	U		<11	U		<4.8	U		4.6	J		<48	U		<8.9	U		<8.9	U	
		VMP-25-31-050715-DUP	5/7/2015	<6.7	U		<11	U		<11	U		<4.6	U		3.9	J		<47	U		<8.6	U		<8.6	U	
		VMP-25-31-073015	7/30/2015	<1.6	U		<2.6	U		<2.6	U		<1.1	U		<1.4	U		<11	U		<2	U		<2	U	
		VMP-25-31-073015-DUP	7/30/2015	<1.4	U		<2.3	U		<2.2	U		<0.98	U		<1.2	U		<9.9	U		<1.8	U		<1.8	U	
		VMP-25-31-110515	11/5/2015	<1.2	U		<1.9	U		<1.8	U		<0.8	U		0.22	J		<8	U	UJ	<1.5	U		<1.5	U	
		VMP-25-31-021616	2/16/2016	0.26	J	J	<2.8	U		<2.8	U		<1.2	U		0.89	J		<12	U		<2.2	U		<2.2	U	
		VMP-25-31-021616-DUP	2/16/2016	<2.7	U		<4.4	U		<4.3	U		<1.9	U		0.95	J		<19	U		<3.5	U		<3.5	U	
		VMP-25-31-050416	5/4/2016	<3	U		<4.8	U		<4.7	U		<2.1	U		2.5	J		<21	U		<3.8	U		<3.8	U	
		VMP-25-31-080316	8/3/2016	<0.11	U		<0.18	U		<0.18	U		<0.079	U		<0.1	U		<0.8	U		<0.15	U		<0.15	U	
		VMP-25-31-080316-DUP	8/3/2016	<0.1	U		<0.16	U		<0.16	U		<0.07	U		<0.09	U		<0.71	U		<0.13	U		<0.13	U	
		VMP-25-31-103116	10/31/2016	<0.052	U		<0.083	U		<0.082	U		<0.036	U		<0.046	U		<0.36	ND,UJ	UJ	<0.066	U		<0.066	U	
VMP-29	10 ft	VMP-29-10-020515	2/5/2015	<0.0056	U		<0.0091	U		<0.009	U		0.018			<0.0058		U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-29-10-050615	5/6/2015	<0.0061	U		<0.0099	U		<0.0098	U		0.33		J	0.0014	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-29-10-072715	7/27/2015	<0.0058	U		<0.0093	U		<0.0092	U		0.2			0.0059			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-29-10-103015	10/30/2015	<0.0056	U		<0.009	U		0.0033	J		0.05			0.017			<0.039	U		<0.0071	U		<0.0071	U	
		VMP-29-10-012716	1/27/2016	<0.0055	U		<0.0088	U		<0.0088	U		0.02			<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-29-10-050216	5/2/2016	<0.0058	U		<0.0093	U		<0.0092	U		0.1			0.0049	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-29-10-072816	7/28/2016	<0.0062	U		<0.0099	U		<0.0098	U		0.92			0.00098	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-29-10-120916	12/9/2016	<0.0052	U		<0.0084	U		<0.0083	U		0.055	J0	J	0.0016	J		<0.036	U		<0.0067	U		<0.0067	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	20 ft	VMP-29-20-020515	2/5/2015	<0.0057	U		<0.0092	U		<0.0091	U		0.14			<0.0055		U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-29-20-050615	5/6/2015	<0.0062	U		<0.01	U		<0.0098	U		0.34		J	0.0019	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-29-20-072715	7/27/2015	<0.0076	U		<0.012	U		<0.012	U		0.23			0.0068			<0.053	U		<0.0097	U		<0.0097	U	
		VMP-29-20-103015	10/30/2015	<0.0057	U		<0.0092	U		<0.009	U		0.004			0.014			<0.04	U		<0.0073	U		<0.0073	U	
	18 ft	VMP-29-20-020416-R	2/4/2016	<0.0066	U		<0.011	U		<0.01	U		0.17			0.0024	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-29-20-050216	5/2/2016	<0.0056	U		<0.009	U		<0.0089	U		0.89			0.00097	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-29-20-072816	7/28/2016	<0.012	U		<0.019	U		0.0092	J		2.1			0.0045	J		<0.084	U		<0.015	U		<0.015	U	
		VMP-29-18-110316	11/3/2016	<0.011	U		<0.018	U		<0.018	U		1.7			<0.0099	J	U	<0.078	U		<0.014	U		<0.014	U	
	26 ft	VMP-29-30-020615	2/6/2015	<0.0055	U		<0.0088	U		<0.0088	U		0.022			<0.0063		U	<0.038	U		<0.007	U		<0.007	U	
		VMP-29-30-050615	5/6/2015	<0.0059	U		<0.0096	U		<0.0095	U	UJ	0.04		J	0.0016	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-29-30-050615-DUP	5/6/2015	<0.0057	U		<0.0092	U		<0.0091	U	J	0.055		J	0.0015	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-29-30-080315	8/3/2015	<0.0064	U		<0.01	U		0.0085	J		0.2			0.0016	J		<0.044	U	UJ	<0.0082	U		<0.0082	U	
		VMP-29-30-103015	10/30/2015	<0.0051	U		<0.0082	U		<0.0081	U		0.19			0.0019	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-29-30-012716	1/27/2016	<0.006	U		<0.0096	U		<0.0095	U		0.15			<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-29-30-050216	5/2/2016	<0.021	U		<0.033	U		<0.033	U		2.5			<0.018	U		<0.14	U		<0.026	U		<0.026	U	
		VMP-29-30-072816	7/28/2016	<0.014	U		<0.022	U		<0.022	U		4.9			0.0074	J		<0.097	U		<0.018	U		<0.018	U	
		VMP-29-26-110316	11/3/2016	<0.0056	U		<0.009	U		<0.0088	U		0.33			0.012			<0.039	U		<0.0071	U		<0.0071	U	
		VMP-29-26-110316-Dup	11/3/2016	<0.0054	U		<0.0087	U		<0.0086	U		0.33			0.013			<0.038	U		<0.0069	U		<0.0069	U	
VMP-30	10 ft	VMP-30-10-020615	2/6/2015	<0.0057	U		<0.0092	U		<0.0091	U		0.031			<0.0062		U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-30-10-050515	5/5/2015	<0.005	U		<0.008	U		<0.0079	U		0.02			<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-30-10-072715	7/27/2015	<0.0055	U		<0.0089	U		<0.0088	U		0.073			0.0064			<0.038	U		<0.0071	U		<0.0071	U	
		VMP-30-10-103015	10/30/2015	<0.0053	U		<0.0086	U		<0.0085	U		0.13			0.0058			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-30-10-020416	2/4/2016	<0.0056	U		<0.0091	U		<0.009	U		0.021			0.019			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-30-10-050216	5/2/2016	<0.0055	U		<0.0088	U		<0.0088	U		0.093			0.0096			<0.038	U		<0.007	U		<0.007	U	
		VMP-30-10-072816	7/28/2016	<0.023	U		<0.038	U		<0.037	U		2.6			<0.021	U		<0.16	U		<0.03	U		<0.03	U	
		VMP-30-10-110316	11/3/2016	<0.0054	U		<0.0087	U		<0.0086	U		0.07			0.011			<0.038	U		<0.0069	U		<0.0069	U	
	18 ft	VMP-30-20-020615	2/6/2015	<0.0054	U		<0.0086	U		<0.0085	U		0.22			0.015			<0.037	U		<0.0069	U		<0.0069	U	
		VMP-30-20-050515	5/5/2015	<0.0057	U		<0.0092	U		<0.0091	U		0.1			0.0009	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-30-20-072715	7/27/2015	<0.014	U		<0.022	U		<0.022	U		3.4			0.004	J		<0.098	U		<0.018	U		<0.018	U	
		VMP-30-20-103015	10/30/2015	<0.0062	U		<0.01	U		<0.0098	U		1.1			0.0052	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-30-20-012716	1/27/2016	<0.0056	U		<0.0091	U		<0.009	U		0.022			<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-30-20-050216	5/2/2016	<0.0064	U		<0.01	U		<0.01	U		0.14			0.0047	J		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-30-20-072816	7/28/2016	<0.026	U		<0.042	U		<0.041	U		3.5			0.0047	J		<0.18	U		<0.033	U		<0.033	U	
		VMP-30-18-110316	11/3/2016	<0.0056	U		<0.009	U		<0.0089	U		0.4			0.011			<0.039	U		<0.0071	U		<0.0071	U	
	26 ft	VMP-30-30-020615	2/6/2015	<0.0059	U		<0.0095	U		<0.0094	U		0.12			<0.006		U	<0.041	U		<0.0075	U		<0.0075	U	
		VMP-30-30-050515	5/5/2015	<0.0055	U		<0.0088	U		<0.0088	U		0.047			0.0044	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-30-30-050515-DUP	5/5/2015	<0.0059	U		<0.0095	U		<0.0094	U		0.051			0.0034	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-30-30-072715	7/27/2015	<0.0063	U		<0.01	U		<0.01	U		0.68			0.0055	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-30-30-103015	10/30/2015	<0.0051	U		<0.0083	U		<0.0082	U		0.028			0.0039	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-30-30-012716	1/27/2016	<0.0055	U		<0.0089	U		<0.0088	U		0.32			0.0022	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-30-30-050216	5/2/2016	<0.0064	U		<0.01	U		<0.01	U		0.26			0.0041	J		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-30-30-072816	7/28/2016	<0.052	U		<0.083	U		<0.082	U		10			<0.046	U		<0.36	U		<0.066	U		<0.066	U	
		VMP-30-30-072816-DUP	7/28/2016	<0.041	U		<0.066	U		<0.065	U		7.8			0.0032	J		<0.28	U		<0.052	U		<0.052	U	
		VMP-30-26-110316	11/3/2016	<0.0059	U		<0.0095	U		<0.0094	U		0.72			0.012			<0.041	U		<0.0076	U		<0.0076	U	
VMP-32	5 ft	VMP-32-5-021015	2/10/2015	<0.0044	U		<0.0071	U		<0.007	U		<0.003	U		0.001	J		<0.03	U		<0.0056	U		<0.0056	U	
		VMP-32-5-073115	7/31/2015	<0.0059	U	UJ	<0.0096	U	UJ	<0.0095	U	UJ	<0.0041	U	UJ	0.0018	J	J	<0.041	U	UJ	<0.0076	U	UJ	<0.0076	U	UJ
		VMP-32-5-082415	8/24/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0027	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-32-5-110415	11/4/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0033	J		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-32-5-012616	1/26/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-32-5-042716	4/27/2016	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.00079	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-32-5-072616	7/26/2016	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		0.00049	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-32-5-102716	10/27/2016	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0066			<0.036	U		<0.0066	U		<0.0066	U	
	10 ft	VMP-32-10-021015	2/10/2015	<0.0052	U		<0.0084	U		0.0015	J		<0.0036	U		0.0028	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-32-10-051115	5/11/2015	<0.0067	U	UJ	<0.011	U	UJ	0.0039	J	J	<0.0046	U	UJ	<0.006	U	UJ	<0.047	U	UJ	<0.0086	U	UJ	<0.0086	U	UJ
		VMP-32-10-052915-R	5/29/2015	<0.006	U		<0.0097	U		0.0036	J		0.0014	J		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-32-10-110415	11/4/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.002	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-32-10-012616	1/26/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-32-10-042716	4/27/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-32-10-072616	7/26/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-32-10-102716	10/27/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0028	J		<0.038	U		<0.0071	U		<0.0071	U	
	20 ft	VMP-32-20-021015	2/10/2015	<0.0058	U		<0.0093	U		0.0012	J		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-32-20-051115	5/11/2015	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-32-20-080315	8/3/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	UJ	<0.0074	U		<0.0074	U	
		VMP-32-20-110415	11/4/2015	<0.0056	U		<0.0091	U		0.0034	J		0.0075			0.0043	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-32-20-110415-DUP	11/4/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0044	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-32-20-021616	2/16/2016	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-32-20-042716	4/27/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-32-20-082616-R	8/29/2016	<0.0074	U		<0.012	U		<0.012	U		<0.0051	U		<0.0065	U		<0.051	U		<0.0094	U		<0.0094	U	
		VMP-32-20-102716	10/27/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.00087	J		<0.037	U		<0.0069	U		<0.0069	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	30 ft	VMP-32-30-021015	2/10/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-32-30-050515	5/5/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-32-30-073115	7/31/2015	<0.0059	U	UJ	<0.0096	U	UJ	<0.0095	U	UJ	<0.0041	U	UJ	0.036		J	<0.041	U	UJ	<0.0076	U	UJ	<0.0076	U	UJ
		VMP-32-30-073115-DUP	7/31/2015	<0.0066	U	UJ	<0.011	U	UJ	<0.01	U	UJ	<0.0046	U	UJ	0.022		J	<0.046	U	UJ	<0.0085	U	UJ	<0.0085	U	UJ
		VMP-32-30-082415	8/24/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0026	J		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-32-30-082415-DUP	8/24/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0023	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-32-30-110415	11/4/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-32-30-020216	2/2/2016	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0015	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-32-30-042716	4/27/2016	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-32-30-072616	7/26/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-32-30-102716	10/27/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.00078	J		<0.039	U		<0.0072	U		<0.0072	U	
VMP-41	10 ft	VMP-41-10-020415	2/4/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0043	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-41-10-020415-DUP	2/4/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0039	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-41-10-043015	4/30/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-41-10-072815	7/28/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-41-10-110215	11/2/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0018	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-41-10-012716	1/27/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	ND,UJ	UJ	<0.0066	U		<0.0066	U	
		VMP-41-10-050216	5/2/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-41-10-072816	7/28/2016	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0051			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-41-10-102416	10/24/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
	20 ft	VMP-41-20-020415	2/4/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0011	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-41-20-043015	4/30/2015	<0.13	U		<0.21	U		<0.21	U		<0.092	U		<0.12	U		<0.92	U		<0.17	U		<0.17	U	
		VMP-41-20-072815	7/28/2015	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-41-20-110215	11/3/2015	<0.0059	U		<0.0095	U		<0.0094	U		0.0014	J		0.0022	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-41-20-012716	1/27/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	ND,UJ	UJ	<0.0072	U		<0.0072	U	
		VMP-41-20-050216	5/2/2016	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.0024	J		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-41-20-072816	7/28/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.00086	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-41-20-102416	10/24/2016	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.00063	J		<0.035	U		<0.0064	U		<0.0064	U	
	26 ft	VMP-41-30-020415	2/4/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0009	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-41-30-043015	4/30/2015	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		0.0025	J		<0.0072	U		<0.0072	U	
		VMP-41-30-043015-DUP	4/30/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-41-30-110215	11/2/2015	<0.0057	U		<0.0092	U		<0.0091	U		0.0031	J	J	0.0021	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-41-30-110215-DUP	11/2/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0021	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-41-30-012716	1/27/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	ND,UJ	UJ	<0.0072	U		<0.0072	U	
		VMP-41-30-012716-DUP	1/27/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	ND,UJ	UJ	<0.0069	U		<0.0069	U	
		VMP-41-30-050216	5/2/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-41-30-072816	7/28/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.00092	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-41-30-072816-DUP	7/28/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.00068	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-41-26-102416	10/24/2016	<0.0051	U		<0.0082	U		0.0037	J		<0.0035	U		0.0039	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-41-30-072815	7/28/2015	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.006	U		<0.047	U		<0.0086	U		<0.0086	U	
VMP-42	10 ft	VMP-42-10-020315	2/3/2015	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-42-10-042915	4/29/2015	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		0.0025	J		<0.0068	U		<0.0068	U	
		VMP-42-10-072115	7/21/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-42-10-102715	10/27/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-42-10-020116	2/1/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-42-10-042616	4/26/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.084			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-42-10-072616	7/26/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.01			<0.044	U		<0.008	U		<0.008	U	
		VMP-42-10-102716	10/27/2016	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	J	U	<0.038	U		<0.007	U		<0.007	U	
	20 ft	VMP-42-20-020315	2/3/2015	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-42-20-042915	4/29/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-42-20-072115	7/21/2015	<0.0055	U		<0.0088	U		0.0015	J		<0.0038	U		0.001	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-42-20-102715	10/27/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0032	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-42-20-020116	2/1/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-42-20-042616	4/26/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0009	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-42-20-072616	7/26/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-42-20-102676	10/27/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.005	J	U	<0.04	U		<0.0073	U		<0.0073	U	
	30 ft	VMP-42-30-020315	2/3/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-42-30-042915	4/29/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-42-30-080315	8/3/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0012	J		<0.04	U	UJ	<0.0073	U		<0.0073	U	
		VMP-42-30-080315-DUP	8/3/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0024	J		<0.038	U	UJ	<0.0071	U		<0.0071	U	
		VMP-42-30-102715	10/27/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-42-30-020116	2/1/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-42-30-042616	4/26/2016	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.0013	J		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-42-30-072616	7/26/2016	<0.0054	U		<0.0086	U		0.0042	J		<0.0037	U		0.0055			<0.037	U		<0.0069	U		<0.0069	U	
		VMP-42-30-102716	10/27/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0058			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-42-30-102716-Dup	10/27/2016	<0.011	U		<0.017	U		<0.017	U		<0.0075	U		0.0016	J		<0.075	U		<0.014	U		<0.014	U	
VMP-43	10 ft	VMP-43-10-021015	2/10/2015	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		0.0018	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-43-10-050515	5/5/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.00082	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-43-10-072115	7/21/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0024	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-43-10-102915	10/29/2015	<0.0066	U		<0.01	U		<0.01	U		<0.0045	U		<0.0058	U		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-43-10-020116	2/1/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-43-10-042716	4/27/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0019	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-43-10-072716	7/27/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.00095	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-43-10-102616	10/26/2016	<0.0048	U		<0.0078	U		<0.0077	U		<0.0034	U		0.019			<0.034	U		<0.0062	U		<0.0062	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	20 ft	VMP-43-20-021215	2/12/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0046			<0.036	U		<0.0067	U		<0.0067	U	
		VMP-43-20-021215-DUP	2/12/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0037	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-43-20-050515	5/5/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0012	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-43-20-072115	7/21/2015	<0.0072	U		<0.012	U		<0.011	U		<0.005	U		<0.0063	U		<0.05	U		<0.0092	U		<0.0092	U	
		VMP-43-20-102915	10/29/2015	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-43-20-102915-DUP	10/29/2015	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.001	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-43-20-020116	2/1/2016	<0.009	U		<0.014	U		<0.014	U		<0.0062	U		<0.008	U		<0.063	U		<0.012	U		<0.012	U	
		VMP-43-20-042716	4/27/2016	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-43-20-072716	7/27/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.00086	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-43-20-102616	10/26/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0029	J		<0.039	U		<0.0071	U		<0.0071	U	
	30 ft	VMP-43-30-050515	5/5/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.011			<0.044	U		<0.0082	U		<0.0082	U	
		VMP-43-30-050515-DUP	5/5/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0027	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-43-30-072115	7/21/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-43-30-102915	10/29/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-43-30-020116	2/1/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-43-30-042716	4/27/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.0006	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-43-30-042716-DUP	4/27/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0079			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-43-30-072716	7/27/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0014	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-43-30-102616	10/26/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0016	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-43-30-102616-Dup	10/26/2016	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	J	U	<0.04	U		<0.0074	U		<0.0074	U	
VMP-44	10 ft	VMP-44-10-020415	2/4/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-44-10-050115	5/1/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0048	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-44-10-072415	7/24/2015	<0.0062	U		<0.0099	U		0.0014	J		<0.0043	U		0.0012	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-44-10-102815	10/28/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0014	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-44-10-012516	1/25/2016	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-44-10-042816	4/28/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U	UJ	<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-44-10-072716	7/27/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-44-10-102716	10/27/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0025	J		<0.039	U		<0.0072	U		<0.0072	U	
	20 ft	VMP-44-20-020415	2/4/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-44-20-051115	5/11/2015	<0.0052	U		<0.0083	U		0.0037	J		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-44-20-072415	7/24/2015	<0.0055	U		<0.0088	U		0.0024	J		<0.0038	U		0.003	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-44-20-102815	10/28/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0012	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-44-20-020216-R	2/2/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-44-20-042816	4/28/2016	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.001	J		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-44-20-072716	7/27/2016	<0.007	U		<0.011	U		<0.011	U		<0.0048	U		0.0078			<0.048	U		<0.0089	U		<0.0089	U	
		VMP-44-20-102716	10/27/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0025	J		<0.039	U		<0.0072	U		<0.0072	U	
	30 ft	VMP-44-30-020415	2/4/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.00087	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-44-30-051115	5/11/2015	<0.0054	U		<0.0087	U		0.0032	J		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-44-30-072415	7/24/2015	<0.0053	U		<0.0085	U		0.0012	J		<0.0036	U		0.0039	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-44-30-102815	10/28/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-44-30-012516	1/25/2016	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-44-30-050516	5/5/2016	<0.0074	U		<0.012	U		<0.012	U		<0.0051	U		<0.0066	U		<0.052	U		<0.0095	U		<0.0095	U	
		VMP-44-30-072716	7/27/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.00083	J		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-44-30-102716	10/27/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0056			<0.037	U		<0.0068	U		<0.0068	U	
VMP-45	10 ft	VMP-45-10-020615	2/6/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-45-10-051215	5/12/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-45-10-072115	7/21/2015	<0.0057	U		<0.0092	U		0.0022	J		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-45-10-102815	10/28/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-45-10-030916-R	3/9/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-45-10-042816	4/28/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U	U	0.035			<0.044	U		<0.0081	U		<0.0081	U	
		VMP-45-10-082616	8/26/2016	<0.0047	J	U	<0.0076	U		<0.0075	U		<0.0032	U		0.011			<0.033	U		<0.006	U		<0.006	U	
		VMP-45-10-102816	10/28/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0011	J		<0.038	U		<0.007	U		<0.007	U	
	20 ft	VMP-45-20-020615	2/6/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U	
		VMP-45-20-042915	4/29/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.012			<0.044	U		<0.0081	U		<0.0081	U	
		VMP-45-20-072115	7/21/2015	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.0034	J		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-45-20-102815	10/28/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-45-20-012516	1/25/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-45-20-042816	4/28/2016	0.00047	J		<0.0073	U		<0.0072	U		0.0012	J	J	0.0041			<0.032	U		<0.0058	U		<0.0058	U	
		VMP-45-20-072716	7/27/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		<0.0058	U		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-45-20-102816	10/28/2016	<0.0058	U		<0.0093	U		0.0021	J		<0.004	U		0.01			<0.04	U		<0.0074	U		<0.0074	U	
	30 ft	VMP-45-30-020615	2/6/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.0061		U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-45-30-020615-DUP	2/6/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0059		U	<0.038	U		<0.007	U		<0.007	U	
		VMP-45-30-042915	4/29/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-45-30-072115	7/21/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0014	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-45-30-072115-DUP	7/21/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	J	U	0.0011	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-45-30-102815	10/28/2015	<0.0051	U		<0.0082	U		<0.0081	U		0.0063			0.001	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-45-30-012516	1/25/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-45-30-042816	4/28/2016	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U	UJ	0.00045	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-45-30-042816-DUP	4/28/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U	UJ	0.00051	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-45-30-072716	7/27/2016	<0.0058	U		<0.0094	U		<0.0093	U		0.0023	J		0.0017	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-45-30-102816	10/28/2016	<0.0056	U		<0.009	U		0.0025	J		<0.0038	U		0.009			<0.039	U		<0.0071	U		<0.0071	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-020215	2/2/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-47-5-042815	4/28/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-47-5-072115	7/21/2015	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.0012	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-47-5-102715	10/27/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0013	J		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-47-5-012916	1/29/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-47-5-042516	4/25/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	J	U	<0.044	U		<0.0081	U		<0.0081	U	
		VMP-47-5-072516	7/25/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-47-5-102616	10/26/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	J	U	<0.04	U		<0.0074	U		<0.0074	U	
	10 ft	VMP-47-10-020215	2/2/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.00072	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-47-10-042815	4/28/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-47-10-072115	7/21/2015	<0.0066	U		<0.011	U		0.0017	J		<0.0046	U		<0.0058	U		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-47-10-102715	10/27/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-47-10-012916	1/29/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-47-10-042516	4/25/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-47-10-080216	8/2/2016	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-47-10-102616	10/26/2016	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0023	J		<0.034	U		<0.0064	U		<0.0064	U	
	20 ft	VMP-47-20-020215	2/2/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-47-20-042815	4/28/2015	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-47-20-072115	7/21/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-47-20-102715	10/27/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0022	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-47-20-012916	1/29/2016	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.003	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-47-20-042516	4/25/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-47-20-072516	7/25/2016	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.002	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-47-20-102616	10/26/2016	<0.0053	U		<0.0085	U		0.022			<0.0037	U		0.0034	J		<0.037	U		<0.0068	U		<0.0068	U	
	30 ft	VMP-47-30-020215	2/2/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-47-30-020215-DUP	2/2/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-47-30-042815	4/28/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-47-30-042815-DUP	4/28/2015	<0.0061	U		<0.0098	U		<0.0097	U		0.0044			<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-47-30-072115	7/21/2015	<0.0063	U		<0.01	U		0.0022	J		<0.0044	U		0.003	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-47-30-102715	10/27/2015	<0.0049	U		<0.0079	U		0.0024	J		<0.0034	U		0.0011	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-47-30-102715-DUP	10/27/2015	<0.0052	U		<0.0084	U		0.0025	J		<0.0036	U		0.0011	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-47-30-012916-DUP	1/29/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.015			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-47-30-042516	4/25/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.0072			<0.043	U		<0.008	U		<0.008	U	
		VMP-47-30-042516-DUP	4/25/2016	<0.0071	U		<0.011	U		<0.011	U		<0.0049	U		<0.0063	J	U	<0.049	U		<0.0091	U		<0.0091	U	
		VMP-47-30-072516	7/25/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-47-30-102616	10/26/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0086			<0.041	U		<0.0075	U		<0.0075	U	
VMP-48	5 ft	VMP-48-5-020215	2/2/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0012	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-48-5-042815	4/28/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0036	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-48-5-072115	7/21/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-48-5-102015	10/20/2015	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-48-5-012916	1/29/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		0.0043	J		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-48-5-042516	4/25/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-48-5-072516	7/25/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.00082	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-48-5-102616	10/26/2016	<0.0048	U		<0.0078	U		<0.0077	U		<0.0033	U		0.011			<0.034	U		<0.0062	U		<0.0062	U	
	10 ft	VMP-48-10-020215	2/2/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-48-10-042815	4/28/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0032	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-48-10-042815-DUP	4/28/2015	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0037	J		<0.038	J	U	<0.007	U		<0.007	U	
		VMP-48-10-072115	7/21/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-48-10-102015	10/20/2015	<0.0058	U		<0.0094	U		0.0046	J		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-48-10-012916	1/29/2016	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-48-10-042516	4/25/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0022	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-48-10-072516	7/25/2016	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.0013	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-48-10-102616	10/26/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.002	J		<0.037	U		<0.0069	U		<0.0069	U	
	20 ft	VMP-48-20-020215	2/2/2015	<0.0048	U		<0.0078	U		<0.0077	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-48-20-042815	4/28/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		0.0017	J		<0.0066	U		<0.0066	U	
		VMP-48-20-102015	10/20/2015	<0.0056	U		<0.009	U		<0.0089	U		0.0035	J		0.0073			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-48-20-042516	4/25/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0017	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-48-20-102616	10/26/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	J	U	<0.037	U		<0.0068	U		<0.0068	U	
	30 ft	VMP-48-30-020215	2/2/2015	<0.0043	U		<0.0069	U		<0.0068	U		<0.003	U		0.0006	J		<0.03	U		<0.0055	U		<0.0055	U	
		VMP-48-30-042815	4/28/2015	<0.0063	U		0.14			0.11			<0.0044	U		0.0082			0.0031	J		0.0021	J		0.0036	J	
		VMP-48-30-080315	8/3/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.0015	J		<0.043	U	UJ	<0.008	U		<0.008	U	
		VMP-48-30-102015	10/20/2015	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.0051			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-48-30-102015-DUP	10/20/2015	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.0033	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-48-30-012916	1/29/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-48-30-042516	4/25/2016	<0.0068	U		<0.011	U		0.0029	J		<0.0047	U		0.025			<0.047	U		<0.0086	U		<0.0086	U	
		VMP-48-30-042516-DUP	4/25/2016	<0.0059	U		<0.0096	U		0.0031	J		<0.0041	U		0.018			<0.041	U		<0.0076	U		<0.0076	U	
		VMP-48-30-072516	7/25/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0015	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-48-30-102616	10/26/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.014		J	<0.035	U		<0.0065	U		<0.0065	U	
		VMP-48-30-102616-Dup	10/26/2016	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0026	J	J	<0.038	U		<0.007	U		<0.007	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-020215	2/3/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-49-5-042815	4/28/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-49-5-073015	7/30/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		0.0016	J		<0.0075	U	
		VMP-49-5-110315	11/3/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0019	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-49-5-020116	2/1/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0023	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-49-5-042616	4/26/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.002	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-49-5-080116	8/1/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0012	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-49-5-102716	10/27/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
	10 ft	VMP-49-10-020215	2/3/2015	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-49-10-042815	4/28/2015	<0.0079	U		<0.013	U		<0.012	U		<0.0054	U		<0.007	U		<0.055	U	UJ	<0.01	U		<0.01	U	
		VMP-49-10-073015	7/30/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U	UJ	<0.0082	U		<0.0082	U	
		VMP-49-10-110315	11/3/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0019	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-49-10-020116	2/1/2016	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		0.0013	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-49-10-042616	4/26/2016	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.00098	J		<0.048	U		<0.0088	U		<0.0088	U	
		VMP-49-10-080116	8/1/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0014	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-49-10-102716	10/27/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0013	J		<0.041	U		<0.0075	U		<0.0075	U	
	20 ft	VMP-49-20-020215	2/3/2015	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-49-20-073015	7/30/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.003	J		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-49-20-110315	11/3/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0016	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-49-20-020116	2/1/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.00088	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-49-20-042616	4/26/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.001	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-49-20-080116	8/1/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0016	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-49-20-102716	10/27/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
	30 ft	VMP-49-30-020215	2/3/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0012	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-49-30-042815	4/28/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U	UJ	<0.0083	U		<0.0083	U	
		VMP-49-30-073015	7/30/2015	<0.8	U		<1.3	U		<1.3	U		<0.55	U		<0.7	U		<5.6	U		<1	U		<1	U	
		VMP-49-30-073015-DUP	7/30/2015	<0.78	U		<1.2	U		<1.2	U		<0.54	U		<0.68	U		<5.4	U		<0.99	U		<0.99	U	
		VMP-49-30-110315	11/3/2015	<0.0057	U		<0.0092	U		<0.0091	U		0.0012	J	J	0.0034	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-49-30-110315-DUP	11/3/2015	<0.0053	U		<0.0085	U		0.0039	J		<0.0036	U		0.0016	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-49-30-020116	2/1/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-49-30-020116-DUP	2/1/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0008	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-49-30-042716	4/27/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-49-30-042716-DUP	4/27/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.007			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-49-30-080116	8/1/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.00083	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-49-30-080116-DUP	8/1/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0025	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-49-30-102716	10/27/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	J	U	<0.044	U		<0.0081	U		<0.0081	U	
VMP-50	5 ft	VMP-50-5-021015	2/10/2015	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0011	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-50-5-050515	5/5/2015	<0.0063	U		<0.01	U		0.0024	J		<0.0043	U		<0.0056	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-50-5-073015	7/30/2015	<0.0061	U		<0.0099	U		0.014			<0.0042	U		<0.0054	U		<0.043	U	UJ	<0.0078	U		<0.0078	U	
		VMP-50-5-110315	11/3/2015	<0.0049	U		<0.0079	U		0.0076	J		<0.0034	U		0.0016	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-50-5-020216	2/2/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U	UJ	<0.0078	U		<0.0078	U	
		VMP-50-5-050316	5/3/2016	<0.0056	U		<0.0091	U		0.0031	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-50-5-080216	8/2/2016	<0.0077	U		<0.012	U		0.018			<0.0053	U		0.0016	J		<0.053	U		<0.0098	U		<0.0098	U	
		VMP-50-5-103116	10/31/2016	<0.0097	U		<0.016	U		0.0047	J		<0.0067	U		0.016			<0.068	U		<0.012	U		<0.012	U	
	10 ft	VMP-50-10-021015	2/10/2015	<0.0053	U		<0.0085	U		0.0021	J		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-50-10-050515	5/5/2015	<0.0057	U		<0.0091	U		0.0031	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-50-10-073015	7/30/2015	<0.0064	U		<0.01	U		0.019			<0.0044	U		<0.0057	U		<0.045	U	UJ	<0.0082	U		<0.0082	U	
		VMP-50-10-110315	11/3/2015	<0.0054	U		<0.0086	U		0.011			<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-50-10-020216	2/2/2016	<0.0052	U		<0.0083	U		0.0021	J		<0.0036	U		0.0012	J		<0.036	U	UJ	<0.0066	U		<0.0066	U	
		VMP-50-10-050316	5/3/2016	<0.0054	U		<0.0087	U		0.0036	J		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-50-10-082616	8/26/2016	<0.0054	U		<0.0088	U		0.013			<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-50-10-103116	10/31/2016	<0.0056	U		<0.0091	U		0.01			<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
	20 ft	VMP-50-20-021015	2/10/2015	<0.005	U		<0.0081	U		0.0015	J		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-50-20-050515	5/5/2015	<0.0061	U		<0.0098	U		0.0034	J		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-50-20-073015	7/30/2015	<0.0059	U		<0.0095	U		0.013			<0.0041	U		0.0014	J		<0.041	U	UJ	<0.0076	U		<0.0076	U	
		VMP-50-20-110315	11/3/2015	<0.0059	U		<0.0095	U		0.012			0.0027	J	J	0.014			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-50-20-020216	2/2/2016	<0.0071	U		<0.011	U		0.0024	J		<0.0049	U		<0.0063	U		<0.05	U	UJ	<0.0091	U		<0.0091	U	
		VMP-50-20-050316	5/3/2016	<0.0068	U		<0.011	U		0.0038	J		<0.0047	U		0.0015	J		<0.048	U		<0.0088	U		<0.0088	U	
		VMP-50-20-082616	8/26/2016	<0.0058	U		<0.0094	U		0.0073	J		<0.004	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U	
		VMP-50-20-103116	10/31/2016	<0.006	U		<0.0097	U		0.0066	J		<0.0042	U		0.0044	J		<0.042	U		<0.0077	U		<0.0077	U	
	30 ft	VMP-50-30-021015	2/10/2015	<1.3	U		<2.1	U		<2.1	U		<0.92	U		220			<9.3	U		<1.7	U		<1.7	U	
		VMP-50-30-050515	5/5/2015	<1.2	U		<2	U					<0.87	U		140			<8.8	U		<1.6	U		<1.6	U	
		VMP-50-30-061515-R	6/15/2015	<0.58	U		<0.94	U		<0.93	U		<0.4	U		140			<4.1	U		<0.75	U		<0.75	U	
		VMP-50-30-073015	7/30/2015	<0.84	U		<1.4	U		<1.3	U		<0.58	U		96			<5.8	U		<1.1	U		<1.1	U	
		VMP-50-30-110315	11/3/2015	<0.057	U		<0.092	U		<0.091	U		<0.04	U		42			<0.4	U		<0.073	U		<0.073	U	
		VMP-50-30-020216	2/2/2016	<1.7	U		<2.8	U		<2.8	U		<1.2	U		34			<12	U		<2.2	U		<2.2	U	
		VMP-50-30-020216-DUP	2/2/2016	<2	U		<3.2	U		<3.1	U		<1.4	U		37			<14	U		<2.5	U		<2.5	U	
		VMP-50-30-050316	5/3/2016	<0.2	U		<0.33	U		<0.32	U		<0.14	U		8.4			<1.4	U		<0.26	U		<0.26	U	
		VMP-50-30-080216	8/2/2016	<0.06	U		<0.097	U		<0.096	U		<0.042	U		10			<0.42	U		<0.077	U		<0.077	U	
		VMP-50-30-103116	10/31/2016	<0.12	U		<0.19	U		<0.19	U		<0.083	U		3.4			<0.84	ND,UJ	UJ	<0.15	U		<0.15	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020315	2/3/2015	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-51-5-042915	4/29/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-51-5-072115	7/21/2015	<0.0056	U		<0.009	U		<0.0088	U		0.0022	J		0.016			<0.039	U		<0.0071	U		<0.0071	U	
		VMP-51-5-102815	10/28/2015	<0.0064	U		<0.01	U		<0.01	U		0.019			0.0044	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-51-5-012516	1/25/2016	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-51-5-042816	4/28/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0007	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-51-5-072716	7/27/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0014	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-51-5-101916	10/19/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.00049	J		<0.042	U		<0.0077	U		<0.0077	U	
	10 ft	VMP-51-10-020315	2/3/2015	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-51-10-042915	4/29/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0015	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-51-10-072115	7/21/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-51-10-102815	10/28/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-51-10-012516	1/25/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-51-10-042816	4/28/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.015			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-51-10-042816-DUP	4/28/2016	<0.006	U		<0.0097	U		<0.0096	U		0.003	J		0.02			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-51-10-072716	7/27/2016	<0.0062	U		<0.01	U		0.0053	J		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-51-10-101916	10/19/2016	<0.0049	U		<0.0079	U		0.00096	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
	20 ft	VMP-51-20-020315	2/3/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-51-20-042915	4/29/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0046	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-51-20-072115	7/21/2015	<0.0076	U		<0.012	U		<0.012	U		<0.0053	U		0.0016	J		<0.053	U		<0.0097	U		<0.0097	U	
		VMP-51-20-102815	10/28/2015	<0.0054	U		<0.0086	U		<0.0085	U		0.01			<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-51-20-012516	1/25/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-51-20-042816	4/28/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		0.00074	J		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-51-20-052516-R	5/25/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0091			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-51-20-072716	7/27/2016	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.0021	J		<0.048	U		<0.0088	U		<0.0088	U	
		VMP-51-20-101916-Dup	10/19/2016	<0.0054	U		<0.0088	U		0.001	J		<0.0038	U		0.0035	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-51-20-101916	10/19/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.001	J		<0.037	U		<0.0068	U		<0.0068	U	
	30 ft	VMP-51-30-020315	2/3/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.00096	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-51-30-020315-DUP	2/3/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0023	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-51-30-042915	4/29/2015	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.0097			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-51-30-042915-DUP	4/29/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0083			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-51-30-072115	7/21/2015	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		0.001	J		<0.007	U	
		VMP-51-30-102815	10/28/2015	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		<0.0058	U		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-51-30-012516	1/25/2016	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-51-30-012516-DUP	1/25/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-51-30-042816	4/28/2016	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.00072	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-51-30-072716	7/27/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0005	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-51-30-072716-DUP	7/27/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.00043	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-51-30-101916	10/19/2016	0.00081	J		<0.0095	U		0.0012	J		<0.0041	U		0.013			<0.041	U		<0.0076	U		<0.0076	U	
VMP-52	5 ft	VMP-52-5-020415	2/4/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-52-5-042915	4/29/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-52-5-072715	7/27/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		0.0021	J		<0.008	U	
		VMP-52-5-102915	10/29/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-52-5-012516	1/25/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-52-5-042516	4/25/2016	0.0019	J		<0.0085	U		0.0037	J		<0.0036	U		0.1			<0.037	U		<0.0067	U		<0.0067	U	
		VMP-52-5-072716	7/27/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-52-5-102716	10/27/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
	10 ft	VMP-52-10-020415	2/4/2015	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-52-10-042915	4/29/2015	<0.007	U		<0.011	U		<0.011	U		<0.0048	U		<0.0062	U		<0.049	U		<0.009	U		<0.009	U	
		VMP-52-10-072715	7/27/2015	<0.0058	U		<0.0093	U		0.0021	J		<0.004	U		<0.0051	U		<0.04	U		0.00096	J		<0.0074	U	
		VMP-52-10-102915	10/29/2015	<0.0064	U		<0.01	U		0.0032	J		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-52-10-012516	1/25/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-52-10-042516	4/25/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.00056	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-52-10-072716	7/27/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		0.0082			<0.046	U		<0.0085	U		<0.0085	U	
		VMP-52-10-102716	10/27/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
	20 ft	VMP-52-20-020415	2/4/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-52-20-042915	4/29/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-52-20-072715	7/27/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-52-20-102915	10/29/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-52-20-012516	1/25/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-52-20-042516	4/25/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-52-20-072716	7/27/2016	<0.007	U		<0.011	U		<0.011	U		<0.0048	U		0.00055	J		<0.049	U		<0.0089	U		<0.0089	U	
		VMP-52-20-102716	10/27/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0044	J		<0.038	U		<0.0069	U		<0.0069	U	
	30 ft	VMP-52-30-020415	2/4/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-52-30-020415-DUP	2/4/2015	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-52-30-042915	4/29/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-52-30-072715	7/27/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-52-30-102915	10/29/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0014	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-52-30-020216-R	2/2/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.00072	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-52-30-042516	4/25/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.00063	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-52-30-072716	7/27/2016	<0.007	U		<0.011	U		<0.011	U		<0.0049	U		<0.0062	U		<0.049	U		<0.009	U		<0.009	U	
		VMP-52-30-102716	10/27/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	5 ft	VMP-53-5-020415	2/4/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.00096	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-53-5-050415	5/4/2015	<0.0063	U		<0.01	U		0.0022	J		<0.0043	U		0.0053	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-53-5-072415	7/24/2015	<0.0066	U		<0.01	U		<0.01	U		<0.0045	U		<0.0058	U		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-53-5-102815	10/28/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0016	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-53-5-012816	1/28/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-53-5-042816	4/28/2016	0.0013	J		<0.0085	U		0.0048	J		0.0012	J		0.031			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-53-5-072916	7/29/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		<0.0059	U		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-53-5-102516	10/25/2016	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.0094			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-53-5-120916	12/9/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
	10 ft	VMP-53-10-020415	2/4/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-53-10-050415	5/4/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.00074	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-53-10-072415	7/24/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-53-10-102815	10/28/2015	<0.0055	U		<0.0088	U		<0.0088	U		0.0023	J		0.0016	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-53-10-012816	1/28/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		<0.006	U		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-53-10-042816	4/28/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.036			<0.042	U		<0.0078	U		<0.0078	U	
		VMP-53-10-082616	8/26/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-53-10-102516	10/25/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0012	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-53-10-120916	12/9/2016	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		0.00059	J		<0.038	U		<0.007	U		<0.007	U	
	20 ft	VMP-53-20-020415	2/4/2015	<0.012	U		<0.019	U		0.012	J		<0.0082	U		<0.01	U		<0.083	U		<0.015	U		<0.015	U	
		VMP-53-20-050415	5/4/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-53-20-072415	7/24/2015	<0.0065	U		<0.01	U		<0.01	U		0.0044	J		0.0016	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-53-20-102815	10/28/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-53-20-021616	2/16/2016	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.006	U		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-53-20-042816	4/28/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-53-20-072916	7/29/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.00085	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-53-20-102516	10/25/2016	<0.01	U		<0.016	U		<0.016	U		<0.0069	U		0.0021	J		<0.07	U		<0.013	U		<0.013	U	
		VMP-53-20-120916	12/9/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.002	J		<0.037	U		<0.0069	U		<0.0069	U	
	30 ft	VMP-53-30-020415	2/4/2015	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-53-30-050415	5/4/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-53-30-072415	7/24/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-53-30-102815	10/28/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0032	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-53-30-012816	1/28/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-53-30-042816	4/28/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.001	J		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-53-30-052516-R	5/25/2016	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-53-30-072916	7/29/2016	<0.0046	U		<0.0074	U		<0.0073	U		<0.0032	U		0.0045			<0.032	U		<0.0059	U		<0.0059	U	
		VMP-53-30-102516	10/25/2016	<0.011	U		<0.017	U		<0.017	U		<0.0074	U		0.0012	J		<0.074	U		<0.014	U		<0.014	U	
		VMP-53-30-120916	12/9/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
VMP-54	5 ft	VMP-54-5-020515	2/5/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U	
		VMP-54-5-050415	5/4/2015	<0.0055	U		<0.0088	U		0.0023	J		<0.0038	U		0.0041	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-54-5-072415	7/24/2015	<0.0066	U		<0.011	U		0.0056	J		<0.0046	U		0.0075			<0.046	U		<0.0085	U		<0.0085	U	
		VMP-54-5-102715	10/27/2015	<0.005	U		<0.008	U		0.004	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-54-5-012816	1/28/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-54-5-042916	4/29/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0013	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-54-5-080116	8/1/2016	<0.0059	U		<0.0095	U		0.0058	J		<0.0041	U		0.0012	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-54-5-102816	10/28/2016	<0.0053	U		<0.0085	U		0.003	J		0.002	J		<0.0047	J	U	<0.037	U		<0.0068	U		<0.0068	U	
	10 ft	VMP-54-10-020515	2/5/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	J	U	<0.043	U		<0.0079	U		<0.0079	U	
		VMP-54-10-050415	5/4/2015	<0.0063	U		<0.01	U		0.0017	J		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-54-10-072415	7/24/2015	<0.007	U		<0.011	U		0.0034	J		<0.0048	U		<0.0062	U		<0.049	U		<0.009	U		<0.009	U	
		VMP-54-10-102715	10/27/2015	<0.0054	U		<0.0086	U		0.0039	J		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-54-10-012816	1/28/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-54-10-042916	4/29/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.037			<0.043	U		<0.0079	U		<0.0079	U	
		VMP-54-10-080116	8/1/2016	<0.0063	U		<0.01	U		0.003	J		<0.0044	U		0.001	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-54-10-102816	10/28/2016	<0.0059	U		<0.0095	U		0.0038	J		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
	20 ft	VMP-54-20-020515	2/5/2015	<0.005	U		<0.008	U		0.0018	J		<0.0034	U		0.012			<0.034	U		<0.0064	U		<0.0064	U	
		VMP-54-20-050415	5/4/2015	<0.006	U		<0.0097	U		0.0028	J		<0.0042	U		0.00084	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-54-20-072415	7/24/2015	<0.0065	U		<0.01	U		0.0023	J		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-54-20-102715	10/27/2015	<0.005	U		<0.008	U		0.0032	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-54-20-102715-DUP	10/27/2015	<0.005	U		<0.008	U		0.0032	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-54-20-012816	1/28/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-54-20-050516	5/5/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0036	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-54-20-050516-DUP	5/5/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0041	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-54-20-080116	8/1/2016	<0.0062	U		<0.01	U		0.0031	J		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-54-20-102816	10/28/2016	<0.0058	U		<0.0093	U		0.004	J		<0.004	U		0.0018	J		<0.04	U		<0.0074	U		<0.0074	U	
	30 ft	VMP-54-30-021215	2/12/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-54-30-050415	5/4/2015	<0.0062	U		<0.01	U		0.002	J		<0.0043	U		0.0013	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-54-30-080315	8/3/2015	<0.0066	U		<0.011	U		0.0047	J		<0.0046	U		<0.0058	U		<0.046	U	UJ	<0.0084	U		<0.0084	U	
		VMP-54-30-102715	10/27/2015	<0.0051	U		<0.0082	U		0.0026	J		<0.0035	U		0.0028	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-54-30-012816	1/28/2016	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-54-30-042916	4/29/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.00062	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-54-30-042916-DUP	4/29/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.00056	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-54-30-080116	8/1/2016	<0.0057	U		<0.0092	U		0.0052	J		<0.004	U		0.028			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-54-30-102816	10/28/2016	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-020515	2/5/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-55-5-050615	5/6/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-55-5-110215	11/2/2015	<0.04	U		<0.064	U		<0.064	U		<0.028	U		0.06			<0.28	U		<0.051	U		<0.051	U	
		VMP-55-5-020416	2/4/2016	<0.056	U		<0.091	U		<0.09	U		0.014	J		<0.05	U		<0.39	U		<0.072	U		<0.072	U	
		VMP-55-5-082616	8/26/2016	<0.0065	U		<0.01	U		0.0088	J		<0.0045	U		0.007			<0.046	U		<0.0084	U		<0.0084	U	
	20 ft	VMP-55-20-020515	2/5/2015	0.15	J		<0.88	U		<0.88	U		<0.38	U		0.72			<3.8	U		0.23	J		<0.7	U	
		VMP-55-20-050615	5/6/2015	<3.6	U		<5.8	U		<5.7	U		<2.5	U		2.4	J		<25	U		<4.6	U		<4.6	U	
		VMP-55-20-072915	7/29/2015	<0.058	U		<0.094	U		<0.092	U		<0.04	U		<0.051	U		<0.4	U		<0.074	U		<0.074	U	
		VMP-55-20-072915-DUP	7/29/2015	<0.062	U		<0.1	U		<0.098	U		<0.043	U		<0.055	U		<0.43	U		<0.079	U		<0.079	U	
		VMP-55-20-110215	11/2/2015	<1.7	U		<2.7	U		<2.7	U		<1.2	U		<1.5	U		<12	U	UJ	<2.2	U		<2.2	U	
		VMP-55-20-020416	2/4/2016	<0.56	U		<0.91	U		<0.9	U		<0.39	U		<0.5	U		<3.9	U		<0.72	U		<0.72	U	
		VMP-55-20-020416-DUP	2/4/2016	<0.51	U		<0.82	U		<0.81	U		<0.35	U		<0.45	U		<3.5	U		<0.65	U		<0.65	U	
		VMP-55-20-050416	5/4/2016	<0.78	U		<1.2	U		<1.2	U		<0.54	U		<0.68	U		<5.4	U		<0.99	U		<0.99	U	
		VMP-55-20-080316	8/3/2016	<0.4	U		<0.64	U		<0.63	U		<0.27	U		<0.35	U		<2.8	U		<0.51	U		<0.51	U	
		VMP-55-20-110116	11/1/2016	0.11	J		<0.95	U		<0.94	U		<0.41	U		0.47	J		<4.1	U		<0.75	U		<0.75	U	
	30 ft	VMP-55-30-030915	3/9/2015	<1.5	U		<2.4	U		9.3			<1	U		<1.3	U		<10	U		<1.9	U		<1.9	U	
		VMP-55-30-050615	5/6/2015	<5	U		<8.1	U		<8	U	UJ	<3.5	U		2.7	J		<35	U		<6.4	U		<6.4	U	
		VMP-55-30-050615-DUP	5/6/2015	<5	U		<8.1	U					<3.5	U		2.8	J		<35	U		<6.5	U		<6.5	U	
		VMP-55-30-061515-Dup-R	6/15/2015	<0.067	U		<0.11	U		<0.11	U		<0.046	U		0.02	J		<0.47	U		<0.086	U		<0.086	U	
		VMP-55-30-061515-R	6/15/2015	<0.054	U		<0.088	U		<0.086	U		<0.038	U		0.022	J		<0.38	U		<0.07	U		<0.07	U	
VMP-56	10 ft	VMP-56-10-021015	2/10/2015	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-56-10-110315	11/3/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0023	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-56-10-020416	2/4/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0022	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-56-10-050516	5/5/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0074			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-56-10-072716	7/27/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0007	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-56-10-102416	10/24/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0032	J		<0.039	U		<0.0072	U		<0.0072	U	
	25 ft	VMP-56-25-021015	2/10/2015	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-56-25-050715	5/7/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-56-25-073115	7/31/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0028	J		<0.044	U	UJ	<0.0081	U		<0.0081	U	
		VMP-56-25-110315	11/3/2015	0.0013	J		<0.0088	U		<0.0088	U		0.004			0.016			<0.038	U		<0.007	U		<0.007	U	
		VMP-56-25-020416	2/4/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-56-25-050516	5/5/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.00054	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-56-25-050516-DUP	5/5/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-56-25-072716	7/27/2016	<0.007	U		<0.011	U		<0.011	U		<0.0049	U		0.0047	J		<0.049	U		<0.009	U		<0.009	U	
		VMP-56-25-102416	10/24/2016	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0083			<0.038	U		<0.007	U		<0.007	U	
	38.5 ft	VMP-56-38.5-021015	2/10/2015	<5.7	U		<9.2	U		<9	U		<3.9	U		3200			<40	U		<7.3	U		<7.3	U	
		VMP-56-38.5-050715	5/7/2015	<65	U		<100	U					<45	U		3400			<450	U		<83	U		<83	U	
		VMP-56-38.5-061515-R	6/15/2015	<6.3	U		<10	U		<10	U		<4.3	U		2300			<44	U		<8	U		<8	U	
		VMP-56-38.5-073115	7/31/2015	<5.5	U		<8.8	U		<8.8	U		<3.8	U		2300			<38	U		<7	U		<7	U	
		VMP-56-38.5-073115-DUP	7/31/2015	<20	U		<33	U		<32	U		<14	U		2400			<140	U		<26	U		<26	U	
		VMP-56-38.5-110315	11/3/2015	<6.4	U		<10	U		<10	U		<4.5	U		4300		J	<45	U		<8.3	U		<8.3	U	
		VMP-56-38.5-110315-DUP	11/3/2015	<47	U		<76	U		<75	U		<32	U		3100		J	<330	U		<60	U		<60	U	
		VMP-56-38.5-020416	2/4/2016	<36	U		<58	U		<57	U		<25	U		2700			<250	U		<46	U		<46	U	
VMP-62	5 ft	VMP-62-5-020315	2/3/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-62-5-042815	4/28/2015	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		0.0016	J		<0.043	U	UJ	<0.0079	U		<0.0079	U	
		VMP-62-5-072415	7/24/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.0017	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-62-5-102015	10/20/2015	<0.0047	U		<0.0075	U		<0.0074	U		0.00077	J		0.0014	J		<0.032	U		<0.006	U		<0.006	U	
		VMP-62-5-012816	1/28/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	ND,UJ	UJ	<0.0071	U		<0.0071	U	
		VMP-62-5-042516	4/25/2016	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0023	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-62-5-072616	7/26/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0063			<0.044	U		<0.0082	U		<0.0082	U	
		VMP-62-5-102416	10/24/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.002	J		<0.038	U		<0.0071	U		<0.0071	U	
	10 ft	VMP-62-10-020315	2/3/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-62-10-042815	4/28/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	UJ	<0.0074	U		<0.0074	U	
		VMP-62-10-072415	7/24/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-62-10-102015	10/20/2015	<0.0059	U		<0.0095	U		0.0038	J		<0.0041	U		0.0031	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-62-10-012816	1/28/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	ND,UJ	UJ	<0.0069	U		<0.0069	U	
		VMP-62-10-042516	4/25/2016	<0.0065	U		<0.01	U		<0.01	U		0.0024	J		<0.0058	U		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-62-10-072616	7/26/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		<0.0059	U		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-62-10-102416	10/24/2016	<0.0046	U		<0.0074	U		<0.0073	U		<0.0032	U		0.0027	J		<0.032	U		<0.0059	U		<0.0059	U	
	20 ft	VMP-62-20-020315	2/3/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0085			<0.044	U		<0.0081	U		<0.0081	U	
		VMP-62-20-042815	4/28/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U	UJ	<0.0077	U		<0.0077	U	
		VMP-62-20-072415	7/24/2015	<0.0056	U		<0.009	U		0.0013	J		<0.0038	U		0.00091	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-62-20-102015	10/20/2015	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-62-20-012816	1/28/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	ND,UJ	UJ	<0.0081	U		<0.0081	U	
		VMP-62-20-042516	4/25/2016	<0.0054	U		<0.0087	U		<0.0086	U		0.0032	J		<0.0048	J	U	<0.038	U		<0.0069	U		<0.0069	U	
		VMP-62-20-072616	7/26/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0027	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-62-20-102416	10/24/2016	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0037	J		<0.034	U		<0.0064	U		<0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	30 ft	VMP-62-30-020315	2/3/2015	<0.0056	U		<0.0091	U		0.016			<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-62-30-042815	4/28/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U	UJ	<0.0075	U		<0.0075	U	
		VMP-62-30-072415	7/24/2015	<0.006	U		<0.0096	U		0.0027	J		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-62-30-102015	10/20/2015	<0.0056	U		<0.009	U		0.0038	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-62-30-012816	1/28/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	ND,UJ	UJ	<0.008	U		<0.008	U	
		VMP-62-30-012816-DUP	1/28/2016	<0.0054	U		<0.0087	U		0.0032	J		<0.0037	U		0.0013	J		<0.038	ND,UJ	UJ	<0.0069	U		<0.0069	U	
		VMP-62-30-042516	4/25/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	J	U	<0.038	U		<0.0069	U		<0.0069	U	
		VMP-62-30-072616	7/26/2016	<0.0062	U		<0.01	U		0.084		J	<0.0043	U		0.014			<0.043	U		<0.008	U		<0.008	U	
		VMP-62-30-072616-DUP	7/26/2016	<0.0062	U		<0.01	U		0.046		J	<0.0043	U		0.011			<0.043	U		<0.008	U		<0.008	U	
		VMP-62-30-102416	10/24/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.0015	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-62-30-102416-Dup	10/24/2016	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
VMP-63	5 ft	VMP-63-5-020315	2/3/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-63-5-042815	4/28/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.0015	J		<0.044	U	UJ	<0.008	U		<0.008	U	
		VMP-63-5-072415	7/24/2015	<0.006	U		<0.0096	U		<0.0095	U		0.0021	J		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-63-5-102615	10/26/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-63-5-012816	1/28/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-63-5-042616	4/26/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.092			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-63-5-072516	7/25/2016	<0.0062	U		<0.01	U		0.0024	J		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-63-5-102416	10/24/2016	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0095			<0.038	U		<0.007	U		<0.007	U	
	10 ft	VMP-63-10-020315	2/3/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-63-10-042815	4/28/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0078			<0.041	U	UJ	<0.0075	U		<0.0075	U	
		VMP-63-10-072415	7/24/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-63-10-102615	10/26/2015	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0017	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-63-10-012816	1/28/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-63-10-042616	4/26/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-63-10-072516	7/25/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0011	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-63-10-102416	10/24/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.00077	J		<0.039	U		<0.0072	U		<0.0072	U	
	20 ft	VMP-63-20-020315	2/3/2015	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-63-20-020315-DUP	2/3/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.00092	J		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-63-20-042815	4/28/2015	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0042	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-63-20-072415	7/24/2015	0.0012	J		<0.0088	U		<0.0087	U		<0.0038	U		0.0057			<0.038	U		<0.007	U		<0.007	U	
		VMP-63-20-102615	10/26/2015	0.0013	J	J	<0.0085	U		<0.0084	U		0.0098			0.0094			<0.037	U		<0.0067	U		<0.0067	U	
		VMP-63-20-012816	1/28/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-63-20-042616	4/26/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0043	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-63-20-042616-DUP	4/26/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0045	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-63-20-072516	7/25/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0012	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-63-20-102416	10/24/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0028	J		<0.046	U		<0.0084	U		<0.0084	U	
	30 ft	VMP-63-30-020315	2/3/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.00082	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-63-30-042815	4/28/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-63-30-072415	7/24/2015	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		0.0014	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-63-30-102615	10/26/2015	0.0008	J	J	<0.0077	U		<0.0076	U		<0.0033	U		0.0043			<0.033	U		<0.0061	U		<0.0061	U	
		VMP-63-30-102615-DUP	10/26/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0025	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-63-30-012816	1/28/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-63-30-042616	4/26/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0013	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-63-30-072516	7/25/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-63-30-072516-DUP	7/25/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-63-30-102416	10/24/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0072			<0.037	U		<0.0068	U		<0.0068	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-020315	2/3/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-64-5-042815	4/28/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-64-5-072415	7/24/2015	<0.006	U		<0.0096	U		<0.0095	U		0.0017	J		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-64-5-102615	10/26/2015	<0.0051	U		<0.0082	U		<0.0081	J	U	<0.0035	U		<0.0045	J	U	<0.035	J	U	<0.0065	U		<0.0065	U	
		VMP-64-5-012816	1/28/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-64-5-042616	4/26/2016	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.006	U		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-64-5-080216	8/2/2016	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.0018	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-64-5-080216-DUP	8/2/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0012	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-64-5-102416	10/24/2016	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.00089	J		<0.036	U		<0.0066	U		<0.0066	U	
	10 ft	VMP-64-10-020315	2/3/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-64-10-042815	4/28/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-64-10-072415	7/24/2015	<0.0053	U		<0.0086	U		<0.0085	U		0.006			0.0012	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-64-10-102615	10/26/2015	<0.0063	U		<0.01	U		<0.01	J	U	<0.0044	U		0.0018	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-64-10-012816	1/28/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-64-10-042616	4/26/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.00048	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-64-10-072216	7/22/2016	<0.0046	U		<0.0074	U		0.0014	J		<0.0032	U		0.0016	J		<0.032	U		<0.0059	U		<0.0059	U	
		VMP-64-10-102416	10/24/2016	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
	20 ft	VMP-64-20-020315	2/3/2015	<0.0057	U		<0.0092	U		0.17			0.0016	J		0.0066			<0.04	U		0.0029	J		<0.0073	U	
		VMP-64-20-042815	4/28/2015	<0.0063	U		<0.01	U		0.092			<0.0043	U		<0.0056	U		<0.044	U		0.0018	J		<0.008	U	
		VMP-64-20-072415	7/24/2015	<0.0059	U		<0.0095	U		0.03			<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-64-20-102615	10/26/2015	<0.006	U		<0.0097	U		0.11			<0.0042	U		0.0016	J		<0.042	U		0.003	J		<0.0077	U	
		VMP-64-20-012816	1/28/2016	<0.0057	U		<0.0092	U		0.12			<0.004	U		<0.005	U		<0.04	U		0.0016	J		<0.0073	U	
		VMP-64-20-042616	4/26/2016	<0.0059	U		<0.0095	U		0.032			<0.0041	U		0.019			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-64-20-042616-DUP	4/26/2016	<0.0057	U		<0.0092	U		0.034			<0.004	U		0.021			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-64-20-072216	7/22/2016	<0.0055	U		<0.0088	U		0.12			<0.0038	U		<0.0049	U		<0.038	U		0.002	J		<0.007	U	
		VMP-64-20-072216-DUP	7/22/2016	<0.006	U		<0.0097	U		0.11			<0.0042	U		0.0018	J		<0.042	U		0.004	J		<0.0077	U	
		VMP-64-20-102416	10/24/2016	<0.0049	U		<0.0079	U		0.048			<0.0034	U		0.00089	J		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-64-20-102416-Dup	10/24/2016	<0.0054	U		<0.0088	U		0.048			<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-020915	2/9/2015	<0.0064	U		<0.0066	U		0.0024	J		<0.0058	U		<0.0055	U		<0.003	U		0.002	J		<0.0051	U	
		VMP-1-5-050515	5/5/2015	0.0025	J		0.0015	J		0.0034	J		<0.007	J	U	<0.0066	U		<0.0036	U		0.003	J		<0.0061	U	
		VMP-1-5-073015	7/30/2015	<0.0072	U		0.0014	J		0.0014	J		<0.0066	U		<0.0062	U		<0.0034	U		0.0042	J		0.0013	J	
		VMP-1-5-110315	11/3/2015	<0.0075	U		0.0021	J		0.022			<0.0069	J	U	0.0024	J		<0.0036	U		0.0029	J		0.002	J	
		VMP-1-5-020316	2/3/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-1-5-050316	5/3/2016	<0.0071	U		<0.0074	U		0.0019	J		<0.0065	U		<0.0061	U		<0.0034	U		0.003	J		0.0014	J	
		VMP-1-5-072516	7/25/2016	<0.0073	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0025	J		<0.0035	U		0.0027	J		<0.0059	U	
		VMP-1-5-102816	10/28/2016	<0.0065	U		0.0012	J		<0.0073		U	<0.0059	U		<0.0056	J	U	<0.0031	U		0.24			0.065		
	8.5 ft	VMP-1-8-020915	2/9/2015	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-1-8.5-050515	5/5/2015	<0.0075	U		<0.0078	U		0.0078			<0.0068	J	U	0.0062	J		<0.0036	U		0.0094			0.0045	J	
		VMP-1-8.5-073015	7/30/2015	<0.0074	U		0.0014	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-1-8.5-110315	11/3/2015	<0.0066	U		0.0017	J		<0.006	U		<0.006	U		0.0011	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-1-8.5-020316	2/3/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.01			<0.0036	U		<0.006	U		<0.006	U	
		VMP-1-8.5-050316	5/3/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		0.00089	J		<0.0061	U	
		VMP-1-8.5-072516	7/25/2016	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.001	J		<0.0031	U		0.0016	J		<0.0053	U	
		VMP-1-8.5-102816	10/28/2016	<0.0059	U		0.0012	J		<0.0054	U		<0.0054	U		0.0056			<0.0028	U		0.02			0.006		
	23.5 ft	VMP-1-23.5-020915	2/9/2015	<0.0065	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-1-23.5-050515	5/5/2015	<0.0067	U		0.0015	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-1-23.5-073015	7/30/2015	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-1-23.5-110315	11/3/2015	<0.0069	U		0.002	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-1-23.5-020316	2/3/2016	<0.0074	U		<0.0077	U		0.0097			<0.0067	J	U	<0.0064	U		<0.0035	U		0.0017	J		<0.0059	U	
		VMP-1-23.5-050316	5/3/2016	0.0024	J		<0.0081	U		<0.007	U		<0.007	U		0.0012	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-1-23.5-050316-DUP	5/3/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.00094	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-1-23.5-072516	7/25/2016	<0.0069	U		0.0016	J		<0.0063	U		<0.0063	U		0.0067			<0.0033	U		0.0012	J		<0.0056	U	
		VMP-1-23.5-072516-DUP	7/25/2016	<0.0074	U		<0.0078	U		0.0032	J		<0.0068	U		0.0065			<0.0035	U		0.0028	J		<0.006	U	
		VMP1-23.5-102816	10/28/2016	<0.0066	U		<0.0069	U		0.016			<0.0068		U	<0.0057	J	U	<0.0031	U		0.58			0.15		
	38.5 ft	VMP-1-38.5-020915	2/9/2015	0.23	J		0.46	J		0.25	J		0.15	J		310			<0.34	U		0.77			0.28	J	
		VMP-1-38.5-020915-DUP	2/9/2015	<0.68	U		<0.71	U		0.69			0.19	J		320			<0.32	U		0.19	J		0.11	J	
		VMP-1-38.5-050515	5/5/2015	<0.71	U		<0.74	U		0.2	J		<0.65	U		61			<0.34	U		0.88			0.39	J	
		VMP-1-38.5-061515-R	6/15/2015	<0.078	U		<0.082	U		<0.072	U		<0.072	U		25			<0.037	U		<0.063	U		<0.063	U	
		VMP-1-38.5-073015	7/30/2015	<0.0078	U		0.0017	J		<0.0072	U		<0.0072	U		0.13			<0.0037	U		<0.0063	U		<0.0063	U	
VMP-2	5 ft	VMP-2-5-021015	2/10/2015	<0.0071	U		<0.0074	U		5.8			1.8			0.12			<0.0034	U		5.5			2.5		
		VMP-2-5-050615	5/6/2015	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-2-5-110415	11/4/2015	<0.0067	U		0.0021	J		<0.0061	J	U	<0.0061	U		0.0032	J		<0.0032	U		0.0021	J		0.002	J	
		VMP-2-5-020116	2/1/2016	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-2-5-042716	4/27/2016	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-2-5-072616	7/26/2016	<0.007	U		0.0014	J		<0.0064	J	U	<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-2-5-102616	10/26/2016	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.0078			<0.0035	U		<0.0059	U		<0.0059	U	
	8.5 ft	VMP-2-8.5-021015	2/10/2015	<0.0074	U		<0.0078	U		0.01			<0.0068	J	U	0.0012	J		<0.0035	U		0.0041	J		0.0021	J	
		VMP-2-8.5-050615	5/6/2015	<0.0075	U		<0.0078	U		0.0065	J		<0.0068	J	U	0.0011	J		<0.0036	U		0.0092			0.0048	J	
		VMP-2-8.5-110415	11/4/2015	<0.0075	U		<0.0079	U		0.0028	J		<0.0069	U		0.009			<0.0036	U		0.0028	J		0.0019	J	
		VMP-2-8.5-021616	2/16/2016	<0.0085	U		0.0021	J		0.0015	J		<0.0078	U		0.012			<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-2-8.5-042716	4/27/2016	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-2-8.5-072616	7/26/2016	<0.0079	U		<0.0082	U		<0.0072	J	U	<0.0072	U		<0.0069	U		<0.0038	U		0.00093	J		<0.0064	U	
		VMP-2-8.5-102616	10/26/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		0.01			0.0028	J	
	22 ft	VMP-2-22-021015	2/10/2015	<0.0069	U		<0.0072	U		0.0053	J		<0.0063	J	U	0.012			<0.0033	U		0.0066			0.0021	J	
		VMP-2-22-021015-DUP	2/10/2015	<0.0068	U		<0.0071	U		<0.0062	J	U	<0.0062	J	U	0.011			<0.0032	U		0.0037	J		0.0012	J	
		VMP-2-22-050615	5/6/2015	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.013			<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-2-22-073015	7/30/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0058	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-2-22-110415	11/4/2015	<0.0071	U		0.0025	J		<0.0065	U		<0.0065	U		0.002	J		<0.0034	U		0.0017	J		<0.0058	U	
		VMP-2-22-020116	2/1/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-2-22-020116-DUP	2/1/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-2-22-042716	4/27/2016	<0.0086	U		<0.009	U		<0.0078	U		<0.0078	U		<0.0074	U		<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-2-22-072616	7/26/2016	<0.0077	U		0.0018	J		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-2-22-102616	10/26/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		0.0063			0.0015	J	
	42 ft	VMP-2-42-021015	2/10/2015	<6.4	U		<6.7	U		<5.8	U		<5.8	U		970			<3	U		6.2			<5.2	U	
		VMP-2-42-050615	5/6/2015	<91	U		<96	U		<84	U		<84	U		940			<43	U		43	J		15	J	
		VMP-2-42-061515-R	6/15/2015	<73	U		<76	U		<67	U		<67	U		1200			<35	U		<59	U		<59	U	
		VMP-2-42-073015	7/30/2015	<440	U		<460	U		<400	U		<400	U		670			<210	U		<350	U		<350	U	
VMP-3	5 ft	VMP-3-5-020915	2/9/2015	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-3-5-050415	5/4/2015	<0.0076	U		0.0017	J		<0.007	J	U	<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-3-5-072915	7/29/2015	<0.007	U		0.0018	J		0.00091	J		<0.0064	U		0.002	J		<0.0033	U		0.0014	J		0.001	J	
		VMP-3-5-110515	11/5/2015	<0.006	U		0.0019	J		0.042			0.0067			0.09			<0.0029	U		0.0064			<0.0049	U	
		VMP-3-5-021616	2/16/2016	<0.0062	U		0.0016	J		<0.0057	U		<0.0057	U		0.001	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-3-5-042716	4/27/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.05			<0.0033	U		0.0017	J		<0.0056	U	
		VMP-3-5-080116	8/1/2016	<0.01	U		<0.011	U		<0.0096	U		<0.0096	U		<0.0091	U		<0.005	U		<0.0085	U		<0.0085	U	
		VMP-3-5-102616	10/26/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0012	J		<0.0036	U		0.015			0.0035	J	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10-020915	2/9/2015	<0.006	U		<0.0063	U		<0.0055	U		<0.0055	U		0.0019	J		<0.0028	U		0.0017	J		<0.0048	U	
		VMP-3-10-050415	5/4/2015	<0.0077	U		<0.0081	U		0.0037	J		<0.0071	U		<0.0067	U		<0.0037	U		0.0019	J		<0.0062	U	
		VMP-3-10-072915	7/29/2015	<0.0065	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-3-10-110315	11/3/2015	0.063			0.0022	J		<0.0068	U		<0.0068	U		0.0011	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-3-10-021616	2/16/2016	<0.0067	U		0.0021	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-3-10-042716	4/27/2016	<0.0081	U		0.0016	J		<0.0074	U		<0.0074	U		0.0022	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-3-10-080216	8/2/2016	<0.0074	U		0.0017	J		<0.0068	U		<0.0068	U		0.0063	J		<0.0035	U		0.0043	J		0.0018	J	
		VMP-3-10-102616	10/26/2016	<0.0084	U		<0.0088	U		<0.0077	U		<0.0077	U		0.0017	J		<0.004	U		0.11			0.025		
	22 ft	VMP-3-22-020915	2/9/2015	<0.0066	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-3-22-050815	5/8/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.03			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-3-22-072915	7/29/2015	<0.0077	U		<0.0081	U		0.0015	J		<0.0071	U		0.0063	J		<0.0037	U		0.003	J		<0.0062	U	
		VMP-3-22-110315	11/3/2015	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0016	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-3-22-021616	2/16/2016	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-3-22-042716	4/27/2016	<0.0071	U		0.0014	J		<0.0065	U		<0.0065	U		0.00097	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-3-22-080116	8/1/2016	<0.0095	U		<0.0099	U		<0.0087	U		<0.0087	U		0.011			<0.0045	U		0.0023	J		<0.0077	U	
		VMP-3-22-102616	10/26/2016	<0.0077	U		<0.0081	U		<0.0071	J	U	<0.0071	U		0.0011	J		<0.0037	U		0.098			0.026		
	31.5 ft	VMP-3-31.5-020915	2/9/2015	<0.0061	U		0.013			<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-3-31.5-110315	11/3/2015	<0.0069	U		0.022			<0.0063	U		<0.0063	U		0.07			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-3-31.5-020116	2/1/2016	<0.009	U		0.016			<0.0083	U		<0.0083	U		0.11			<0.0043	U		0.0015	J		<0.0073	U	
		VMP-3-31.5-042716	4/27/2016	<0.0069	U		0.0082			<0.0063	U		<0.0063	U		0.053			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-3-31.5-080116	8/1/2016	<0.0081	U		0.011			<0.0074	U		<0.0074	U		0.0053	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-3-31.5-102616	10/26/2016	<0.0064	U		0.019			<0.0058	J	U	<0.0058	U		0.0037	J		<0.003	U		0.084			0.024		
	39 ft	VMP-3-39-020915	2/9/2015	<21	U		<22	U		4.5	J		<20	U		150			<10	U		<17	U		<17	U	
		VMP-3-39-110315	11/3/2015	<0.0067	U		0.12			<0.0061	U		<0.0061	U		0.0062			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-3-39-020116	2/1/2016	<0.0076	U		0.1			0.0028	J		0.00081	J		0.023			<0.0036	U		0.013			0.0046	J	
		VMP-3-39-020116-DUP	2/1/2016	<0.0074	U		0.11			0.0052	J		0.0016	J		0.026			<0.0035	U		0.018			0.0062		
VMP-4	5 ft	VMP-4-5-021015	2/10/2015	<0.0069	U		<0.0072	U		<0.0063	J	U	<0.0063	J	U	<0.006	U		<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-4-5-110215	11/2/2015	<0.0076	U		0.0015	J		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-4-5-020316	2/3/2016	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-4-5-050516	5/5/2016	<0.31	U		<0.33	U		0.69			0.23	J		0.19	J		<0.15	U		1.6			0.59		
		VMP-4-5-080216	8/2/2016	<0.0072	U		0.0013	J		<0.0066	U		<0.0066	U		0.0011	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-4-5-102816	10/28/2016	<0.007	U		<0.0073	U		<0.0064	J	U	<0.0064	U		<0.0061	J	U	<0.0033	U		0.21			0.056		
	12 ft	VMP-4-12-021015	2/10/2015	<0.007	U		<0.0073	U		<0.0064	J	U	<0.0064	U		0.015			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-4-12-051115	5/11/2015	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-4-12-080315	8/3/2015	<0.0081	U		0.0021	J		<0.0074	U		<0.0074	U		0.0065	J		<0.0038	U		<0.0066	U		<0.0066	U	
		VMP-4-12-110215	11/2/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0022	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-4-12-020316	2/3/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-4-12-050316	5/3/2016	<0.0074	U		<0.0078	U		0.082			0.034			<0.0064	U		<0.0035	U		0.0054	J		0.0037	J	
		VMP-4-12-080216	8/2/2016	<0.0088	U		<0.0092	U		<0.0081	U		<0.0081	U		0.0012	J		<0.0042	U		<0.0071	U		<0.0071	U	
		VMP-4-12-102816	10/28/2016	<0.0073	U		<0.0076	U		<0.0067	J	U	<0.0067	U		<0.0064	U		<0.0035	U		0.068			0.02		
	23.5 ft	VMP-4-23.5-021015	2/10/2015	<0.79	U		<0.82	U		0.78			9.6			120			<0.37	U		2.1			0.19	J	
		VMP-4-23.5-050815	5/8/2015	<0.74	U		<0.78	U		6.2			11			140			<0.35	U		37			9		
		VMP-4-23.5-061515-R	6/15/2015	<0.08	U		<0.084	U		6.8		J	22		J	170	E	J	<0.038	U		32		J	2.9		J
		VMP-4-23.5-073015	7/30/2015	<0.3	U		<0.31	U		0.5			9.9			100			<0.14	U		6.9			0.32		
		VMP-4-23.5-110215	11/2/2015	<0.15	U		<0.15	U		<0.14	U		5.2			99			<0.07	U		1.4			0.071	J	
		VMP-4-23.5-020316	2/3/2016	<1.3	U		<1.3	U		<1.2	U		1.8			140			<0.6	ND,UJ	UJ	<1	U		<1	U	
		VMP-4-23.5-020316-DUP	2/3/2016	<1.2	U		<1.3	U		<1.1	U		1.4			120			<0.58	ND,UJ	UJ	<0.99	U		<0.99	U	
		VMP-4-23.5-050316	5/3/2016	<0.098	U		<0.1	U		<0.09	U		0.78		J	70		J	<0.047	U		0.047	J	J	<0.079	U	
		VMP-4-23.5-080216	8/2/2016	<0.36	U		<0.38	U		0.14	J		0.46			74			<0.17	U		0.24	J		0.051	J	
		VMP-4-23.5-080216-DUP	8/2/2016	<0.37	U		<0.39	U		0.13	J		0.52			82			<0.18	U		0.27	J		0.053	J	
		VMP-4-23.5-092316-DUP-R	9/23/2016	<0.08	U		<0.083	U		<0.073	U		1.8		J	100	E	J	<0.038	U		0.099		J	<0.064	U	
		VMP-4-23.5-092316-R	9/23/2016	<0.086	U		<0.09	U		<0.079	U		1.8		J	110	E	J	<0.041	U		0.094		J	<0.069	U	
		VMP-4-23.5-102816	10/28/2016	<0.076	U		<0.079	U		0.015	J		1.1			75			<0.036	U		0.53			0.12		
VMP-5	5 ft	VMP-5-5-013015	1/30/2015	<0.0071	U		<0.0074	U		<0.0065	J	U	<0.0065	J	U	0.0051	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-5-5-042915	4/29/2015	<0.0071	U		<0.0074	J	U	<0.0065	J	U	<0.0065	U		0.0026	J		<0.0034	U		0.0015	J		<0.0058	U	
		VMP-5-5-072915	7/29/2015	<0.0094	U		0.0021	J		<0.0086	U		<0.0086	U		<0.0082	U		<0.0045	U		<0.0076	U		<0.0076	U	
		VMP-5-5-102915	10/29/2015	<0.0072	U		<0.0076	J	U	<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-5-5-012516	1/25/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.019			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-5-5-042816	4/28/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.00092	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-5-5-072816	7/28/2016	<0.0077	U		0.0038	J		<0.007	U		<0.007	U		0.0017	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-5-5-102516	10/25/2016	<0.0075	U		0.0015	J		<0.0068	U		<0.0068	U		0.001	J		<0.0036	U		0.0053	J		0.0015	J	
	12.5 ft	VMP-5-12.5-013015	1/30/2015	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.001	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-5-12.5-042915	4/29/2015	<0.0077	U		<0.008	J	U	<0.007	J	U	<0.007	U		0.0068			<0.0036	U		0.0022	J		<0.0062	U	
		VMP-5-12.5-072915	7/29/2015	<0.0085	U		0.0024	J		<0.0077	U		<0.0077	U		0.13			<0.004	U		<0.0068	U		<0.0068	U	
		VMP-5-12.5-102915	10/29/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0072			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-5-12.5-012516	1/25/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-5-12.5-042816	4/28/2016	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0068			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-5-12.5-072816	7/28/2016	<0.008	U		0.012			<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-5-12.5-102516	10/26/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.00093	J		<0.0032	U		0.0056			0.0018	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31-013015	1/30/2015	<0.0082	U		<0.0086	U		<0.0075	J	U	<0.0075	U		0.074			<0.0039	U		0.0019	J		<0.0066	U	
		VMP-5-31-042915	4/29/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0095			<0.0035	U		<0.006	U		<0.006	U	
		VMP-5-31-072915	7/29/2015	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		0.0023	J		<0.0037	U		0.0033	J		0.00095	J	
		VMP-5-31-102915	10/29/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		0.0015	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-5-31-030916-R	3/9/2016	<0.0067	U		0.0022	J		<0.0061	U		<0.0061	U		0.002	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-5-31-042816	4/28/2016	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-5-31-072816	7/28/2016	<0.0076	U		0.0026	J		<0.0069	U		<0.0069	U		0.0012	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-5-31-102516	10/26/2016	<0.0074	U		0.0018	J		<0.0068	U		<0.0068	U		0.0017	J		<0.0035	U		0.017			0.0036	J	
	40 ft	VMP-5-40-013015	1/30/2015	<0.0071	U		0.0047	J		<0.0065	U		<0.0065	U		0.0069			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-5-40-042915	4/29/2015	<0.0076	U		0.0083			<0.007	U		<0.007	U		0.0092			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-5-40-072915	7/29/2015	<0.0075	U		0.011			<0.0068	U		<0.0068	U		0.0064	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-5-40-102915	10/29/2015	<0.0068	U		0.024			<0.0062	U		<0.0062	U		0.0061			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-5-40-012516	1/25/2016	<0.0066	U		0.022			0.0032	J		0.0014	J		0.04			<0.0031	U		0.014			0.0056		
		VMP-5-40-012516-DUP	1/25/2016	<0.0067	U		0.022			0.0031	J		<0.0061	U		0.041			<0.0032	U		0.014			0.0047	J	
		VMP-5-40-042816	4/28/2016	<0.0078	U		0.0065	J		<0.0071	U		<0.0071	U		0.0033	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-5-40-072816	7/28/2016	0.0026	J		0.0091			0.012			0.0047	J		0.013			<0.0034	U		0.0048	J		0.0023	J	
		VMP-5-40-102516	10/26/2016	<0.0067	U		0.022			<0.0061	U		<0.0061	U		0.0043	J		<0.0032	U		0.015			0.0043	J	
VMP-6	5 ft	VMP-6-5-020915	2/9/2015	<0.0065	U		<0.0068	J	U	<0.0059	J	U	<0.0059	J	U	0.032			<0.0031	U		0.00066	J		<0.0052	U	
		VMP-6-5-042915	4/29/2015	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-6-5-072715	7/27/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-6-5-102915	10/29/2015	<0.0068	U		0.0025	J		<0.0062	U		<0.0062	U		0.0034	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-6-5-020116	2/1/2016	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		0.022			<0.0037	U		0.0014	J		<0.0062	U	
		VMP-6-5-042516	4/25/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.006	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-6-5-072816	7/28/2016	<0.0082	U		<0.0085	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-6-5-102816	10/28/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0091			<0.0035	U		<0.006	U		<0.006	U	
	10 ft	VMP-6-10-020915	2/9/2015	<0.0066	U		<0.0069	J	U	<0.006	U		<0.006	U		0.00066	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-6-10-042915	4/29/2015	<0.0075	U		<0.0078	J	U	<0.0068	U		<0.0068	U		0.0011	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-6-10-072715	7/27/2015	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-6-10-102915	10/29/2015	<0.0067	U		0.0022	J		<0.0062	U		<0.0062	U		0.0013	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-6-10-020116	2/1/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-6-10-042516	4/25/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-6-10-072816	7/28/2016	<0.0073	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-6-10-102816	10/28/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	J	U	<0.0034	U		<0.0058	U		<0.0058	U	
	31.5 ft	VMP-6-31.5-020915	2/9/2015	<0.0068	U		<0.0071	J	U	<0.0062	J	U	<0.0062	U		0.0064			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-6-31.5-042915	4/29/2015	<0.0069	U		<0.0072	U		<0.0063	J	U	<0.0063	U		0.0056	J		<0.0033	U		0.0048	J		0.0018	J	
		VMP-6-31.5-042915-DUP	4/29/2015	<0.0083	U		<0.0086	U		<0.0076	U		<0.0076	U		0.0053	J		<0.0039	U		0.0042	J		<0.0067	U	
		VMP-6-31.5-072715	7/27/2015	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-6-31.5-112515	11/25/2015	<0.013	U		0.003	J		0.036			0.0059	J		0.076			<0.006	U		0.0069	J		<0.01	U	
		VMP-6-31.5-020116	2/1/2016	<0.0072	U		0.0012	J		<0.0066	U		<0.0066	U		0.0021	J		<0.0034	U		0.0014	J		<0.0058	U	
		VMP-6-31.5-042516	4/25/2016	<0.008	U		<0.0083	U		0.0024	J		<0.0073	U		0.12			<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-6-31.5-072816	7/28/2016	<0.0083	U		<0.0087	U		<0.0076	J	U	<0.0076	U		0.1			<0.004	U		<0.0067	U		<0.0067	U	
		VMP-6-31.5-102816	10/28/2016	<0.011	U		<0.012	U		0.0099	J		<0.01	U		0.0035	J		<0.0054	U		0.56			0.12		
	39 ft	VMP-6-39-020915	2/9/2015	<0.0063	U		<0.0065	J	U	<0.0057	U		<0.0057	U		0.011			<0.003	U		0.001	J		<0.005	U	
		VMP-6-39-020915-DUP	2/9/2015	<0.006	U		<0.0063	J	U	<0.0055	U		<0.0055	U		0.01			<0.0029	U		0.0011	J		<0.0049	U	
		VMP-6-39-042915	4/29/2015	<0.0064	J	U	<0.0067	U		<0.0059	J	U	<0.0059	U		<0.0056	U		<0.0031	U		0.0014	J		<0.0052	U	
		VMP-6-39-072715	7/27/2015	<0.0072	U		0.0015	J		<0.0066	U		<0.0066	U		0.0032	J		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-6-39-072715-DUP	7/27/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0029	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-6-39-102915	10/29/2015	<0.023	U		<0.024	U		<0.021	U		<0.021	U		0.7			<0.011	U		<0.019	U		<0.019	U	
		VMP-6-39-102915-DUP	10/29/2015	<0.024	U		<0.024	U		<0.022	U		<0.022	U		0.76			<0.011	U		<0.019	U		<0.019	U	
		VMP-6-39-020116	2/1/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	J	U	<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-6-39-020116-DUP	2/1/2016	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		0.0019	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-6-39-042516	4/25/2016	<0.0084	U		<0.0087	U		0.0033	J		0.0011	J		0.29			<0.004	U		0.063			0.019		
		VMP-6-39-072816	7/28/2016	<0.0088	U		<0.0092	U		<0.008	U		<0.008	U		0.0048	J		<0.0042	U		<0.0071	U		<0.0071	U	
		VMP-6-39-102816	10/28/2016	<0.0066	U		0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
VMP-7	5 ft	VMP-7-5-020215	2/2/2015	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-7-5-043015	4/30/2015	0.0077	J		<0.0085	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-7-5-072715	7/27/2015	<0.0071	U		0.0016	J		<0.0065	J	U	<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-7-5-102815	10/28/2015	<0.0064	U		<0.0067	J	U	<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		0.0017	J		<0.0052	U	
		VMP-7-5-012716	1/27/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-7-5-042916	4/29/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-7-5-072616	7/26/2016	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0068	J	U	<0.0037	U		<0.0064	U		<0.0064	U	
		VMP-7-5-102516	10/25/2016	<0.0065	U		0.0013	J		<0.0059	J	U	<0.0059	U		0.0089			<0.0031	U		0.001	J		<0.0052	U	
	13.5 ft	VMP-7-13.5-020215	2/2/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0011	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-7-13.5-043015	4/30/2015	0.0057	J		<0.0089	U		<0.0078	U		<0.0078	U		0.0019	J		<0.004	U		<0.0069	U		<0.0069	U	
		VMP-7-13.5-072715	7/27/2015	<0.0069	U		<0.0072	U		0.003	J		0.00097	J		0.0055	J		<0.0033	U		0.004	J		0.0027	J	
		VMP-7-13.5-102815	10/28/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0026	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-7-13.5-012716	1/27/2016	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		0.0014	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-7-13.5-042916	4/29/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-7-13.5-072616	7/26/2016	<0.0069	U		0.0013	J		<0.0063	U		<0.0063	U		0.002	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-7-13.5-102516	10/25/2016	<0.0066	U		0.0013	J		<0.006	J	U	<0.006	J	U	<0.0057	U		<0.0031	U		0.0078			0.0035	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5-020215	2/2/2015	<0.0059	U		<0.0062	U		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-7-29.5-043015	4/30/2015	<0.0074	J	U	<0.0077	U		<0.0067	U		<0.0067	U		0.014			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-7-29.5-072715	7/27/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-7-29.5-102815	10/28/2015	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-7-29.5-012716	1/27/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.013			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-7-29.5-042916	4/29/2016	<0.013	U		<0.014	U		<0.012	U		<0.012	U		0.0059	J		<0.0064	U		<0.011	U		<0.011	U	
		VMP-7-29.5-072616	7/26/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.006	J	U	<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-7-29.5-102516	10/25/2016	<0.0065	U		0.0014	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.0059			0.0018	J	
	38 ft	VMP-7-38-020215	2/2/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-7-38-043015	4/30/2015	<0.0076	J	U	<0.0079	U		0.0052	J		0.0027	J		<0.0066	U		<0.0036	U		0.0027	J		0.0019	J	
		VMP-7-38-072715	7/27/2015	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0063	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-7-38-102815	10/28/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-7-38-102815-DUP	10/28/2015	<0.0064	U		<0.0067	J	U	<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-7-38-012716	1/27/2016	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-7-38-012716-DUP	1/27/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		0.0016	J		<0.0064	U	
		VMP-7-38-042916	4/29/2016	<0.0076	U		<0.0079	U		0.0021	J		<0.0069	U		0.0062	J		<0.0036	U		0.0042	J		0.0016	J	
		VMP-7-38-042916-DUP	4/29/2016	<0.0076	U		<0.0079	U		0.002	J		<0.0069	U		0.0056	J		<0.0036	U		0.0043	J		0.0012	J	
		VMP-7-38-072616	7/26/2016	<0.0085	U		<0.0089	U		<0.0078	U		<0.0078	U		<0.0074	U		<0.004	U		<0.0069	U		<0.0069	U	
		VMP-7-38-072616-DUP	7/26/2016	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		<0.0066	U		<0.0066	U	
		VMP-7-38-102516	10/25/2016	<0.0065	U		0.0014	J		<0.0059	U		<0.0059	U		0.001	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-7-38-102516-Dup	10/25/2016	<0.014	U		<0.014	U		<0.013	U		<0.013	U		<0.012	U		<0.0066	U		<0.011	U		<0.011	U	
VMP-8	5 ft	VMP-8-5-020915	2/9/2015	<0.0072	J	U	<0.0076	U		0.013			0.0041	J		<0.0063	U		<0.0034	U		0.0055	J		0.0029	J	
		VMP-8-5-042715	4/27/2015	<0.0062	U		<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-8-5-072815	7/28/2015	<0.0068	U		<0.0071	U		0.0011	J		<0.0062	U		<0.0059	U		<0.0032	U		0.0027	J		0.00095	J	
		VMP-8-5-102715	10/27/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-8-5-012716	1/27/2016	<0.0063	U		0.0014	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		0.0026	J		<0.0051	U	
		VMP-8-5-042916	4/29/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-8-5-072916	7/29/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-8-5-102516	10/25/2016	<0.0068	U		<0.0071	U		<0.0062	J	U	<0.0062	U		0.0023	J		<0.0032	U		0.0055			0.0011	J	
	9.5 ft	VMP-8-9.5-020915	2/9/2015	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.019			<0.0031	U		0.00066	J		<0.0052	U	
		VMP-8-9.5-042715	4/27/2015	<0.0064	U		<0.0067	U		<0.0059	U		<0.0059	U		0.0028	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-8-9.5-072815	7/28/2015	<0.0082	U		<0.0086	U		0.002	J		<0.0075	U		<0.0071	U		<0.0039	U		0.0014	J		<0.0066	U	
		VMP-8-9.5-102715	10/27/2015	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-8-9.5-012716	1/27/2016	<0.0064	U		0.0013	J		<0.0058	U		<0.0058	U		0.00083	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-8-9.5-042916	4/29/2016	<0.006	U		<0.0063	U		<0.0055	U		<0.0055	U		0.0016	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-8-9.5-072916	7/29/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-8-9.5-102516	10/25/2016	<0.0064	U		0.0014	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	23.5 ft	VMP-8-23.5-020915	2/9/2015	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.0051	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-8-23.5-050515-R	5/5/2015	<0.0071	U		0.0012	J		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-8-23.5-072815	7/28/2015	<0.0064	U		0.0013	J		0.0013	J		<0.0059	U		0.0022	J		<0.003	U		0.004	J		0.0017	J	
		VMP-8-23.5-102715	10/27/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-8-23.5-012716	1/27/2016	<0.0072	U		0.0016	J		<0.0066	U		<0.0066	U		0.024			<0.0034	U		0.0019	J		<0.0059	U	
		VMP-8-23.5-042916	4/29/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-8-23.5-072916	7/29/2016	<0.006	U		0.0016	J		<0.0055	J	U	<0.0055	J	U	0.0021	J		<0.0029	U		0.004	J		0.0015	J	
		VMP-8-23.5-072916-DUP	7/29/2016	<0.0066	U		0.0013	J		<0.006	J	U	<0.006	U		0.0016	J		<0.0031	U		0.0045	J		0.0017	J	
		VMP-8-23.5-102516	10/25/2016	<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	35.5 ft	VMP-8-35.5-020915	2/9/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-8-35.5-042715	4/27/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.002	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-8-35.5-072815	7/28/2015	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-8-35.5-072815-DUP	7/28/2015	<0.0068	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-8-35.5-012816	1/28/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.00098	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-8-35.5-012816-DUP	1/28/2016	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		0.0013	J		<0.0058	U	
		VMP-8-35.5-042916	4/29/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-8-35.5-080316	8/3/2016	<0.0068	U		0.0017	J		<0.0062	U		<0.0062	U		0.0014	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-8-35.5-102516	10/25/2016	<0.0071	U		0.0017	J		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-8-35.5-102516-Dup	10/25/2016	<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
VMP-9	5 ft	VMP-9-5-021115	2/11/2015	<0.0073	U		<0.0076	U		0.0077			<0.0067	J	U	0.034			<0.0035	U		0.041			0.02		
		VMP-9-5-050415	5/4/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.001	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-9-5-072815	7/28/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0067			0.0011	J		<0.0061	U		<0.0061	U	
		VMP-9-5-102815	10/28/2015	<0.0069	U		<0.0072	J	U	<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-9-5-012816	1/28/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0049	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-9-5-042816	4/28/2016	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		0.0015	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-9-5-080116	8/1/2016	<0.0074	U		0.0015	J		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-9-5-102516	10/25/2016	<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		0.013			0.0024	J	
		VMP-9-5-120916	12/9/2016	<0.0066	U		0.0014	J		<0.006	U		<0.006	U		0.00051	J	J	<0.0031	U		0.0028	J		0.001	J	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	11.5 ft	VMP-9-11.5-021115	2/11/2015	<0.0072	U		<0.0076	U		<0.0066	J	U	<0.0066	U		0.017			<0.0034	U		<0.0059	J	U	<0.0059	U	
		VMP-9-11.5-050415	5/4/2015	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.001	J		<0.0058	U	
		VMP-9-11.5-072815	7/28/2015	<0.0073	U		0.0017	J		0.0014	J		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-9-11.5-102815	10/28/2015	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-9-11.5-012816	1/28/2016	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-9-11.5-042816	4/28/2016	<0.007	U		<0.0073	U		0.00068	J		<0.0064	U		0.034			<0.0033	U		0.013			0.0046	J	
		VMP-9-11.5-080116	8/1/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0016	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-9-11.5-080116-DUP	8/1/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0016	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-9-11.5-102516	10/25/2016	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.00074	J		<0.0032	U		0.0046	J		0.00098	J	
		VMP-9-11.5-120916	12/9/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0012	J	J	<0.0033	U		<0.0056	U		<0.0056	U	
	25.5 ft	VMP-9-25.5-021115	2/11/2015	<0.0067	U		<0.007	U		<0.0061	J	U	<0.0061	U		0.024			<0.0032	U		0.012			0.0043	J	
		VMP-9-25.5-050415	5/4/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		5.8			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-9-25.5-052915-R	5/29/2015	<0.0076	U		<0.0079	U		<0.0069	J	U	<0.0069	U		0.0016	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-9-25.5-072815	7/28/2015	<0.0069	U		0.0013	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		0.001	J		<0.0056	U	
		VMP-9-25.5-102815	10/28/2015	<0.0064	U		<0.0067	J	U	<0.0058	U		<0.0058	U		0.0036	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-9-25.5-012816	1/28/2016	<0.0078	U		<0.0082	U		0.0043	J		0.00078	J		0.0035	J		<0.0037	U		0.0016	J		<0.0063	U	
		VMP-9-25.5-042816	4/28/2016	<0.0069	U		0.0012	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-9-25.5-080116	8/1/2016	<0.0073	U		0.0015	J		<0.0067	U		<0.0067	U		0.0016	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-9-25.5-102516	10/25/2016	<0.0067	U		0.0016	J		<0.0062	U		<0.0062	U		0.00073	J		<0.0032	U		0.0059			0.0018	J	
		VMP-9-25.5-120916	12/9/2016	<0.0064	U		0.0012	J		<0.0058	U		<0.0058	U		0.0019	J	J	<0.003	U		<0.0051	U		<0.0051	U	
	38.5 ft	VMP-9-38.5-050415	5/4/2015	<0.04	U		<0.042	U		<0.036	U		<0.036	U		0.27		J	<0.019	U		<0.032	U		<0.032	U	
		VMP-9-38.5-050415-DUP	5/4/2015	<0.0048	U		0.0014	J		0.0017	J		<0.0044	U		0.013		J	<0.0023	U		0.0018	J		0.00097	J	
		VMP-9-38.5-052915-R	5/29/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-9-38.5-072815	7/28/2015	0.0014	J		0.0011	J		0.0017	J		<0.0054	J	U	0.0016	J		<0.0028	U		0.0058			0.0025	J	
		VMP-9-38.5-102815	10/28/2015	<0.0074	J	U	<0.0078	U		<0.0068	U		<0.0068	U		0.0018	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-9-38.5-012816	1/28/2016	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-9-38.5-042816	4/28/2016	0.0018	J		<0.0074	U		<0.0064	U		<0.0064	U		0.00094	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-9-38.5-072916	7/29/2016	<0.0081	U		<0.0085	U		0.0027	J		<0.0074	U		0.002	J		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-9-38.5-102516	10/25/2016	0.0018	J		0.0018	J		<0.0068	U		<0.0068	U		0.0014	J		<0.0035	U		0.0013	J		<0.006	U	
		VMP-9-38.5-120916	12/9/2016	0.0012	J		0.0013	J		0.0015	J		<0.0055	U		0.016	J0	J	<0.0029	U		<0.0049	U		<0.0049	U	
VMP-10	5 ft	VMP-10-5-020515	2/5/2015	<0.0067	U		0.0022	J		<0.0061	J	U	<0.0061	J	U	<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-10-5-043015	4/30/2015	<0.0073	J	U	<0.0077	U		<0.0067	U		<0.0067	U		0.0017	J		<0.0035	U		0.0019	J		<0.0059	U	
		VMP-10-5-072815	7/28/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.11			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-10-5-103015	10/30/2015	<0.0068	U		0.0019	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-10-5-012916	1/29/2016	<0.0071	U		0.0017	J		<0.0065	U		<0.0065	U		0.0021	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-10-5-050216	5/2/2016	<0.0076	U		0.0013	J		<0.0069	U		<0.0069	U		0.00087	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-10-5-082616	8/26/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-10-5-110216	11/2/2016	<0.007	U		<0.0073	U		<0.0064	J	U	<0.0064	U		<0.006	J	U	<0.0033	U		0.056			0.013		
	10 ft	VMP-10-10-020515	2/5/2015	<0.0067	U		0.002	J		<0.0061	J	U	<0.0061	U		0.00085	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-10-10-043015	4/30/2015	<0.0069	J	U	<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-10-10-072815	7/28/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-10-10-103015	10/30/2015	<0.0069	U		0.0016	J		<0.0063	U		<0.0063	U		0.0017	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-10-10-021616	2/16/2016	<0.0072	U		0.0021	J		0.0013	J		<0.0066	U		0.0036	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-10-10-050216	5/2/2016	<0.0084	U		<0.0088	U		<0.0077	U		<0.0077	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-10-10-072816	7/28/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		0.0024	J		<0.006	U	
		VMP-10-10-110216	11/2/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0056	J		<0.0036	U		0.0016	J		<0.006	U	
	20 ft	VMP-10-20-020515	2/5/2015	<0.007	U		0.0018	J		<0.0064	J	U	<0.0064	U		0.007			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-10-20-043015	4/30/2015	<0.008	J	U	<0.0083	U		<0.0073	U		<0.0073	U		0.0014	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-10-20-072815	7/28/2015	<0.0074	U		0.0015	J		0.00099	J		<0.0068	U		0.0035	J		<0.0035	U		0.0024	J		0.0011	J	
		VMP-10-20-072815-DUP	7/28/2015	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0048	J		<0.0036	U		0.0025	J		<0.0062	U	
		VMP-10-20-103015	10/30/2015	<0.0064	U		0.0013	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-10-20-012916	1/29/2016	<0.0068	U		<0.0071	U		0.0041	J		<0.0062	U		0.0067			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-10-20-050216	5/2/2016	<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-10-20-072816	7/28/2016	<0.015	U		<0.016	U		<0.014	U		<0.014	U		<0.013	U		<0.0071	U		<0.012	U		<0.012	U	
		VMP-10-20-110216	11/2/2016	<0.0073	U		<0.0076	U		0.036			0.011			0.018			<0.0035	U		0.2			0.081		
	30 ft	VMP-10-30-020515	2/5/2015	<0.0071	U		0.0015	J		<0.0065	J	U	<0.0065	U		0.03		J	<0.0034	U		0.0045	J		0.0016	J	
		VMP-10-30-020515-DUP	2/5/2015	<0.0069	U		0.0014	J		<0.0063	J	U	<0.0063	U		0.017		J	<0.0033	U		0.0026	J		<0.0056	U	
		VMP-10-30-043015	4/30/2015	0.011			<0.0075	U		<0.0065	U		<0.0065	U		0.0059	J		<0.0034	U		0.0035	J		<0.0058	U	
		VMP-10-30-072815	7/28/2015	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-10-30-103015	10/30/2015	<0.0069	U		0.0013	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-10-30-012916-DUP	1/29/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-10-30-050216	5/2/2016	<0.0071	U		<0.0075	U		0.001	J		<0.0065	U		0.01			<0.0034	U		0.0027	J		<0.0058	U	
		VMP-10-30-050216-DUP	5/2/2016	<0.0071	U		0.0013	J		<0.0065	J	U	<0.0065	U		0.0091			<0.0034	U		0.0018	J		<0.0058	U	
		VMP-10-30-072816	7/28/2016	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.0012	J		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-10-30-110216	11/2/2016	<0.0084	U		<0.0088	U		<0.0077	U		<0.0077	U		0.013			<0.004	U		0.0014	J		<0.0068	U	
VMP-11	5 ft	VMP-11-5-020515	2/5/2015	<0.0066	U		0.0016	J		<0.006	U		<0.006	U		0.00073	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-11-5-043015	4/30/2015	<0.0074	J	U	<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-11-5-072815	7/28/2015	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		0.099			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-11-5-103015	10/30/2015	<0.0069	U		0.0021	J		<0.0063	U		<0.0063	U		0.0016	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-11-5-012916	1/29/2016	<0.0074	U		<0.0077	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-11-5-050216	5/2/2016	<0.0064	U		0.0017	J		<0.0059	U		<0.0059	U		0.0019	J		<0.0031	U		0.0008	J		<0.0052	U	
		VMP-11-5-080116	8/1/2016	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0014	J		<0.0036	U		0.0045	J		0.0022	J	
		VMP-11-5-110116	11/1/2016	<0.0071	U		<0.0075	U		0.0054	J		<0.0065	U		0.0011	J		<0.0034	U		0.044			0.0092		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	8 ft	VMP-11-8-020515	2/5/2015	<0.0064	U		0.0013	J		<0.0059	J	U	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-11-8-043015	4/30/2015	<0.0074	J	U	<0.0078	U		<0.0068	U		<0.0068	U		0.0068			<0.0035	U		0.0038	J		<0.006	U	
		VMP-11-8-072815	7/28/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		0.0052	J		0.00086	J	
		VMP-11-8-103015	10/30/2015	<0.0066	U		0.0024	J		<0.006	U		<0.006	U		0.0014	J		<0.0031	U		0.0016	J		<0.0053	U	
		VMP-11-8-012916	1/29/2016	<0.0071	U		<0.0074	U		0.0026	J		<0.0065	U		0.0032	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-11-8-050616	5/6/2016	<0.0077	U		<0.0081	U		0.018			0.004	J		<0.0067	U		<0.0037	U		0.0059	J		0.0033	J	
		VMP-11-8-080116	8/1/2016	<0.0075	U		0.0013	J		<0.0068	U		<0.0068	U		0.0015	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-11-8-110116	11/1/2016	<0.007	U		<0.0073	U		0.011			<0.0064	U		0.0069			<0.0033	U		0.02			0.006		
	29 ft	VMP-11-29-020515	2/5/2015	<0.0076	U		0.0014	J		<0.0069	U		<0.0069	U		0.0079			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-11-29-020515-DUP	2/5/2015	<0.0069	U		0.0014	J		<0.0063	U		<0.0063	U		0.0069			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-11-29-043015	4/30/2015	<0.0067	J	U	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-11-29-072815	7/28/2015	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		0.0018	J		<0.0059	U	
		VMP-11-29-110515	11/5/2015	<0.0076	U		0.002	J		<0.007	U		<0.007	U		0.0011	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-11-29-012916	1/29/2016	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		0.0034	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-11-29-050216	5/2/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.031			<0.0035	U		0.013			0.0044	J	
		VMP-11-29-080216	8/2/2016	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.0024	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-11-29-110116	11/1/2016	<0.0079	U		<0.0083	U		<0.0072	U		<0.0072	U		0.0011	J		<0.0038	U		0.012			0.0026	J	
	38 ft	VMP-11-38-020515	2/5/2015	<0.0064	U		0.0016	J		<0.0058	J	U	<0.0058	U		0.025			<0.003	U		0.0015	J		<0.0052	U	
		VMP-11-38-043015	4/30/2015	<0.0081	J	U	<0.0084	U		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-11-38-072815	7/28/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-11-38-103015	10/30/2015	<0.0067	U		0.0022	J		<0.0061	U		<0.0061	U		0.00098	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-11-38-103015-DUP	10/30/2015	<0.0061	U		0.0019	J		<0.0056	U		<0.0056	U		0.00092	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-11-38-012916	1/29/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-11-38-050216	5/2/2016	<0.0069	U		0.0014	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-11-38-050216-DUP	5/2/2016	<0.0067	U		0.0012	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-11-38-080216	8/2/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.001	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-11-38-110216	11/2/2016	<0.0079	U		0.0014	J		<0.0072	U		<0.0072	U		<0.0069	J	U	<0.0038	U		0.0032	J		<0.0064	U	
VMP-12	5 ft	VMP-12-5-021115	2/11/2015	<0.0068	U		<0.0071	U		0.06			0.019			0.0037	J		<0.0032	U		0.03			0.014		
		VMP-12-5-050715	5/7/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-12-5-073115	7/31/2015	<0.0072	U		<0.0076	U		0.034			0.0062	J		0.34			<0.0034	U		0.012			0.0017	J	
		VMP-12-5-110415	11/4/2015	<0.0073	U		0.0026	J		0.82			0.044			1.7			<0.0035	U		0.058			0.0031	J	
		VMP-12-5-020316	2/3/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-12-5-050416	5/4/2016	<0.0085	U		<0.0089	U		<0.0078	U		<0.0078	U		<0.0074	U		<0.004	U		<0.0069	U		<0.0069	U	
		VMP-12-5-080316	8/3/2016	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0065			<0.0035	U		0.0013	J		<0.0059	U	
		VMP-12-5-103116	10/31/2016	0.0042	J		0.0012	J		0.0061	J		<0.0065	U		0.0028	J		<0.0034	U		0.37			0.08		
	11.5 ft	VMP-12-11.5-021115	2/11/2015	<0.0066	U		<0.0069	U		<0.006	J	U	<0.006	J	U	0.025			<0.0031	U		0.003	J		<0.0053	U	
		VMP-12-11.5-050715	5/7/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-12-11.5-073115	7/31/2015	<0.0081	U		<0.0084	U		0.0061	J		0.0014	J		<0.007	U		<0.0038	U		0.0026	J		0.0013	J	
		VMP-12-11.5-110415	11/4/2015	<0.0062	U		<0.0064	U		<0.0056		U	<0.0056	J	U	0.32			<0.0029	U		0.0037	J		0.0027	J	
		VMP-12-11.5-020316	2/3/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0063			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-12-11.5-050416	5/4/2016	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-12-11.5-080316	8/3/2016	<0.0082	U		<0.0085	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-12-11.5-110316	11/3/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0044	J		<0.0034	U		<0.0058	U		<0.0058	U	
	25 ft	VMP-12-25-021115	2/11/2015	<0.006	U		<0.0063	U		<0.0055	U		<0.0055	J	U	0.00094	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-12-25-050715	5/7/2015	<0.008	U		<0.0084	U		0.0052	J		<0.0073	J	U	<0.007	U		<0.0038	U		0.0016	J		<0.0065	U	
		VMP-12-25-073115	7/31/2015	<0.0087	U		<0.0091	U		<0.008	U		<0.008	U		0.046			<0.0041	U		<0.007	U		<0.007	U	
		VMP-12-25-110415	11/4/2015	<0.0072	U		<0.0075	U		1.8			0.25			1			<0.0034	U		0.16			0.011		
		VMP-12-25-021616	2/16/2016	<0.0068	U		0.0017	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-12-25-021616-DUP	2/16/2016	<0.0074	U		0.0018	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-12-25-050416	5/4/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.013			<0.0034	U		0.0036	J		0.0011	J	
		VMP-12-25-080316	8/3/2016	<0.0074	U		0.0015	J		0.067			<0.0068	U		0.1			<0.0035	U		<0.006	U		<0.006	U	
		VMP-12-25-103116	10/31/2016	<0.0072	U		<0.0076	U		0.083			0.0038	J		0.028			<0.0034	U		0.0068			0.0016	J	
		VMP-12-25-103116-Dup	10/31/2016	<0.0068	U		<0.0071	U		0.065			0.0025	J		0.02			<0.0032	U		0.0088			0.002	J	
	39 ft	VMP-12-39-021115	2/11/2015	<1.8	U		<1.9	U		<1.6	U		<1.6	U		1300			<0.85	U		<1.4	U		<1.4	U	
		VMP-12-39-050715	5/7/2015	2	J		<4.1	U		0.87	J		<3.6	U		720			<1.9	U		4.4			1.6	J	
		VMP-12-39-050715-DUP	5/7/2015	1.2	J		<3.8	U		<3.3	U		<3.3	U		720			<1.7	U		3.5			1.3	J	
		VMP-12-39-061515-Dup-R	6/15/2015	<0.067	U		<0.07	U		<0.061	U		<0.061	U		200	S	J	<0.032	U		<0.054	U		<0.054	U	
		VMP-12-39-061515-R	6/15/2015	<0.077	U		<0.081	U		<0.07	U		0.034	J		230	S	J	<0.037	U		0.022	J		<0.062	U	
		VMP-12-39-073115	7/31/2015	<1.6	U		<1.7	U		<1.5	U		<1.5	U		1700			<0.77	U		0.29	J		<1.3	U	
		VMP-12-39-073115-DUP	7/31/2015	<4.4	U		<4.6	U		<4	U		<4	U		1600			<2.1	U		0.48	J		<3.6	U	
		VMP-12-39-110415	11/4/2015	<2.7	U		<2.9	U		0.4	J		<2.5	U		950			<1.3	U		1.3	J		0.5	J	
		VMP-12-39-020316	2/3/2016	<20	U		<21	U		<18	U		1.8	J		2200			<9.6	ND,UJ	UJ	<16	U		<16	U	
		VMP-12-39-050416	5/4/2016	<6.9	U		<7.2	U		<6.3	U		<6.3	U		3700			<3.3	U		<5.6	U		<5.6	U	
		VMP-12-39-080316	8/3/2016	<6	U		<6.3	U		<5.5	U		<5.5	U		4100			<2.9	U		1	J		<4.9	U	
		VMP-12-39-110316	11/3/2016	<16	U		<16	U		<14	U		<14	U		2000			<7.4	U		2.8	J		<13	U	
VMP-13	5 ft	VMP-13-5-020515	2/5/2015	<0.0074	U		0.0015	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-13-5-043015	4/30/2015	<0.0071	J	U	<0.0075	U		0.0011	J		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-13-5-072715	7/27/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		0.0014	J		<0.0061	U	
		VMP-13-5-110215	11/2/2015	<0.0061	U		0.0013	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-13-5-012616	1/26/2016	<0.0062	U		0.0021	J		<0.0057	U		<0.0057	U		0.0021	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-13-5-050316	5/3/2016	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-13-5-072916	7/29/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-13-5-110216	11/2/2016	<0.0067	U		<0.007	U		0.0059	J		<0.0062	U		0.0011	J		<0.0032	U		0.076			0.019		

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	10.5 ft	VMP-13-10.5-020515	2/5/2015	<0.0071	U		0.0015	J		<0.0065	J	U	<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-13-10.5-043015	4/30/2015	<0.0076	J	U	<0.0079	U		0.0021	J		<0.0069	U		0.0022	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-13-10.5-072715	7/27/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.048			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-13-10.5-110215	11/2/2015	<0.0064	U		0.0016	J		0.0011	J		<0.0058	U		0.003	J		<0.003	U		0.0034	J		0.0008	J	
		VMP-13-10.5-012616	1/26/2016	<0.0068	U		0.002	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-13-10.5-050316	5/3/2016	<0.0073	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-13-10.5-072916	7/29/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.022			<0.0037	U		0.0035	J		<0.0063	U	
		VMP-13-10.5-110216	11/2/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.018			<0.0037	U		0.047			0.012		
	21.5 ft	VMP-13-21.5-020515	2/5/2015	<0.0076	U		0.0014	J		<0.0069	J	U	<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-13-21.5-043015	4/30/2015	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		0.007	J		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-13-21.5-072715	7/27/2015	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		0.0017	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-13-21.5-112515	11/25/2015	<0.0066	U		0.0017	J		0.014			<0.006	J	U	0.031			<0.0031	U		0.0015	J		<0.0053	U	
		VMP-13-21.5-012616	1/26/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0036	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-13-21.5-050316	5/3/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.00067	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-13-21.5-050316-DUP	5/3/2016	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		0.00065	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-13-21.5-072916	7/29/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0017	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-13-21.5-110216	11/2/2016	<0.0068	U		0.0013	J		0.022			0.0067			0.033			<0.0032	U		0.76			0.16		
	29.5 ft	VMP-13-29.5-020515	2/5/2015	<0.0065	U		0.0022	J		<0.006	J	U	<0.006	U		0.0035	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-13-29.5-043015	4/30/2015	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-13-29.5-072715	7/27/2015	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		0.002	J		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-13-29.5-072715-DUP	7/27/2015	<0.0083	U		<0.0086	U		<0.0076	U		<0.0076	U		0.0096			<0.0039	U		0.0028	J		<0.0067	U	
		VMP-13-29.5-110215	11/2/2015	<0.0058	U		0.0015	J		0.001	J		<0.0053	U		0.0012	J		<0.0027	U		0.00099	J		<0.0046	U	
		VMP-13-29.5-110215-DUP	11/2/2015	<0.006	U		0.002	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-13-29.5-012616	1/26/2016	<0.0063	U		0.0018	J		<0.0058	U		<0.0058	U		0.0013	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-13-29.5-050316	5/3/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0019	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-13-29.5-082616-R	8/29/2016	<0.006	U		0.0015	J		<0.0055	U		<0.0055	U		0.0024	J		<0.0028	U		<0.0048	J	U	<0.0048	U	
		VMP-13-29.5-110216	11/2/2016	0.0038	J		<0.0076	U		0.0042	J		<0.0066	U		0.011			<0.0034	U		0.023			0.0058		
		VMP-13-29.5-110216-Dup	11/2/2016	<0.0069	U		<0.0072	U		0.0042	J		<0.0063	U		0.01			<0.0033	U		0.018			0.0044	J	
VMP-14	5 ft	VMP-14-5-020615	2/6/2015	<0.0071	U		0.0016	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-14-5-043015	4/30/2015	<0.007	J	U	<0.0074	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-14-5-072915	7/29/2015	<0.0067	U		<0.007	U		0.0018	J		<0.0061	U		<0.0058	U		<0.0032	U		0.0023	J		<0.0054	U	
		VMP-14-5-110215	11/2/2015	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.0025	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-14-5-012616	1/26/2016	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0063	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-14-5-050316	5/3/2016	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP14-5-072916	7/29/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-14-5-110216	11/2/2016	<0.0075	U		<0.0078	U		0.0027	J		<0.0068	U		0.0055	J		<0.0036	U		0.056			0.014		
	11.5 ft	VMP-14-11.5-020615	2/6/2015	<0.0066	U		0.0017	J		<0.006	J	U	<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-14-11.5-043015	4/30/2015	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		<0.0066	U		<0.0066	U	
		VMP-14-11.5-072915	7/29/2015	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		0.0029	J		<0.0064	U	
		VMP-14-11.5-110215	11/2/2015	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-14-11.5-012616	1/26/2016	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-14-11.5-050316	5/3/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0055	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-14-11.5-072916	7/29/2016	0.002	J		<0.0083	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-14-11.5-110216	11/2/2016	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0094			<0.0037	U		0.0026	J		<0.0062	U	
	20 ft	VMP-14-20-020615	2/6/2015	<0.0074	U		0.0012	J		<0.0067	J	U	<0.0067	U		0.18			<0.0035	U		0.00089	J		<0.0059	U	
		VMP-14-20-043015	4/30/2015	<0.007	U		<0.0073	U		<0.0064	J	U	<0.0064	U		0.0045	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-14-20-072915	7/29/2015	<0.0075	U		<0.0078	U		0.0011	J		<0.0068	U		0.018			<0.0036	U		0.0019	J		0.0014	J	
		VMP-14-20-110215	11/2/2015	<0.0067	U		0.0014	J		<0.0061	U		<0.0061	U		0.15			<0.0032	U		0.002	J		0.0015	J	
		VMP-14-20-012616	1/26/2016	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		0.021			<0.0032	U		0.0013	J		<0.0054	U	
		VMP-14-20-050416	5/4/2016	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.097			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-14-20-072916	7/29/2016	<0.0084	U		<0.0088	U		<0.0077	U		<0.0077	U		0.013			<0.004	U		<0.0068	U		<0.0068	U	
	29 ft	VMP-14-29-020615	2/6/2015	<0.0071	U		0.0014	J		<0.0065	U		<0.0065	U		0.0016	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-14-29-043015	4/30/2015	<0.0065	J	U	<0.0068	J	U	0.17		J	0.041		J	0.0084			<0.0031	U		0.42		J	0.2		J
		VMP-14-29-043015-DUP	4/30/2015	0.0019	J		0.0015	J		0.01		J	0.0031	J	J	0.007			<0.0027	U		0.036		J	0.016		J
		VMP-14-29-072915	7/29/2015	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-14-29-110215	11/2/2015	<0.0068	U		<0.0072	U		0.0016	J		0.00083	J		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-14-29-012616	1/26/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0063			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-14-29-012616-DUP	1/26/2016	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.0064			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-14-29-050316	5/3/2016	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		0.036			<0.0036	U		0.018			0.0056	J	
		VMP-14-29-072916	7/29/2016	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-14-29-072916-DUP	7/29/2016	<0.0062	U		<0.0064	U		<0.0056	J	U	0.00096	J		0.00084	J		<0.0029	U		0.0024	J		0.0012	J	
		VMP-14-29-110216	11/2/2016	<0.0074	U		0.0014	J		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
VMP-15	5 ft	VMP-15-5-020615	2/6/2015	<0.0069	U		<0.0072	U		0.001	J		<0.0063	U		0.0015	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-15-5-050415	5/4/2015	<0.0065	U		<0.0068	U		0.0041	J		0.0012	J		0.008			<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-15-5-072915	7/29/2015	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.07			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-15-5-110415	11/4/2015	<0.0073	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-15-5-020316	2/3/2016	<0.014	U		<0.015	U		<0.013	U		<0.013	U		3.5			<0.0066	U		<0.011	U		<0.011	U	
		VMP-15-5-050316	5/3/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-15-5-080216	8/2/2016	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0032	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-15-5-110116	11/1/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		0.0032	J		<0.0058	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	21.5 ft	VMP-15-21.5-020615	2/6/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-15-21.5-050415	5/4/2015	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-15-21.5-072915	7/29/2015	<0.085	U		<0.089	U		<0.078	U		<0.078	U		15			<0.04	U		<0.069	U		<0.069	U	
		VMP-15-21.5-110415	11/4/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0015	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-15-21.5-020316	2/3/2016	<0.094	U		<0.099	U		<0.086	U		<0.086	U		20			<0.045	U		<0.076	U		<0.076	U	
		VMP-15-21.5-050316	5/3/2016	<0.0057	U		<0.006	U		<0.0052	U		<0.0052	U		0.0017	J		<0.0027	U		0.0026	J		<0.0046	U	
		VMP-15-21.5-080216	8/2/2016	<0.047	U		<0.049	U		<0.043	U		<0.043	U		8.9			<0.022	U		<0.038	U		<0.038	U	
		VMP-15-21.5-110116	11/1/2016	<0.011	U		<0.011	U		0.023			0.0025	J		4.3			<0.0051	U		0.019			0.0047	J	
	25.5 ft	VMP-15-25.5-020615	2/6/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		2			<0.0035	U		<0.006	U		<0.006	U	
		VMP-15-25.5-050415	5/4/2015	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.011			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-15-25.5-072915	7/29/2015	<0.094	U		<0.099	U		<0.086	J	U	<0.086	U		25			<0.045	U		0.03	J		0.011	J	
		VMP-15-25.5-110415	11/4/2015	<0.0066	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-15-25.5-020316	2/3/2016	<0.38	U		<0.39	U		<0.34	U		<0.34	U		18			<0.18	U		<0.3	U		<0.3	U	
		VMP-15-25.5-050316	5/3/2016	<0.018	U		<0.019	U		<0.016	U		<0.016	U		4.5			<0.0086	U		0.0079	J		<0.015	U	
		VMP-15-25.5-080216	8/2/2016	<0.076	U		<0.08	U		<0.07	U		<0.07	U		20			<0.036	U		0.016	J		<0.062	U	
		VMP-15-25.5-110116	11/1/2016	<0.049	U		<0.051	U		0.011	J		<0.044	U		22			<0.023	U		0.028	J		0.015	J	
		VMP-15-25.5-110116-Dup	11/1/2016	<0.05	U		<0.053	U		0.012	J		<0.046	U		23			<0.024	U		0.026	J		0.011	J	
	29 ft	VMP-15-29-020615	2/6/2015	<0.0065	U		<0.0068	U		0.0011	J		<0.0059	U		0.74			<0.0031	U		0.0021	J		0.00093	J	
		VMP-15-29-020615-DUP	2/6/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.73			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-15-29-050415	5/4/2015	0.0024	J		<0.0079	U		<0.0069	J	U	<0.0069	J	U	0.041			<0.0036	U		0.0016	J		<0.0061	U	
		VMP-15-29-072915	7/29/2015	<0.1	U		<0.11	U		<0.097	U		<0.097	U		25			<0.05	U		0.016	J		<0.086	U	
		VMP-15-29-072915-DUP	7/29/2015	<0.088	U		<0.092	U		<0.081	U		<0.081	U		26			<0.042	U		0.017	J		<0.071	U	
		VMP-15-29-110415	11/4/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0057	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-15-29-020316	2/3/2016	<0.14	U		<0.15	U		<0.13	U		<0.13	U		23			<0.068	U		<0.12	U		<0.12	U	
		VMP-15-29-050316	5/3/2016	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.66			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-15-29-080216	8/2/2016	<0.095	U		<0.1	U		<0.087	U		<0.087	U		20			<0.045	U		<0.077	U		<0.077	U	
VMP-16	5 ft	VMP-16-5-021115	2/11/2015	<0.0071	U		<0.0074	U		0.016			0.0062	J		0.0071			<0.0034	U		0.02			0.0088		
		VMP-16-5-050715	5/7/2015	<0.008	U		<0.0084	U		<0.0073	J	U	<0.0073	U		0.0023	J		<0.0038	U		0.0064	J		0.0021	J	
		VMP-16-5-073115	7/31/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0027	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-16-5-110415	11/4/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0016	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-16-5-020316	2/3/2016	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-16-5-050416	5/4/2016	0.0015	J		<0.0076	U		0.0021	J		<0.0067	U		0.00059	J		<0.0035	U		0.0011	J		<0.0059	U	
		VMP-16-5-080316	8/3/2016	<0.0061	U		0.0013	J		<0.0056	U		<0.0056	U		0.0079			<0.0029	U		0.0018	J		<0.0049	U	
		VMP-16-5-103116	10/31/2016	<0.0067	U		<0.007	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U	
	13.5 ft	VMP-16-13.5-021115	2/11/2015	<12	U		<12	U		<11	U		<11	U		5900			<5.7	U		<9.7	U		<9.7	U	
		VMP-16-13.5-050715	5/7/2015	<17	U		<18	U		<16	U		<16	U		5600			<8.2	U		<14	U		<14	U	
		VMP-16-13.5-073115	7/31/2015	<3.8	U		<3.9	U		0.61	J		<3.4	U		7400			<1.8	U		0.29	J		<3	U	
		VMP-16-13.5-110415	11/4/2015	<7.6	U		<7.9	U		<6.9	U		<6.9	U		5500			<3.6	U		<6.1	U		<6.1	U	
		VMP-16-13.5-020316	2/3/2016	<35	U		<37	U		<32	U		<32	U		2500			<17	ND,UJ	UJ	<29	U		<29	U	
		VMP-16-13.5-052516-R	5/25/2016	<3.6	U		<3.8	U		<3.3	U		<3.3	U		2000			<1.7	U		<3	U		<3	U	
		VMP-16-13.5-080316	8/3/2016	<12	U		<12	U		<11	U		<11	U		3000			<5.7	U		1.6	J		<9.7	U	
		VMP-16-13.5-103116	10/31/2016	<3.8	U		<3.9	U		<3.4	U		<3.4	U		2700			<1.8	U		<3	U		<3	U	
	19 ft	VMP-16-19-021115	2/11/2015	<6.1	U		<6.4	U		3.3	J		1.4	J		3300			<2.9	U		9.3			<4.9	U	
		VMP-16-19-050715	5/7/2015	<13	U		<14	U		10	J		3.3	J		3100			<6.3	U		19			4	J	
		VMP-16-19-073115	7/31/2015	<7.8	U		<8.1	U		28			5.9	J		3400			<3.7	U		26			2.1	J	
		VMP-16-19-110415	11/4/2015	<1.2	U		<1.3	U		42			8.6			5200			<0.6	U		36			1.7		
		VMP-16-19-020316	2/3/2016	<42	U		<44	U		10	J		3.2	J		3300			<20	ND,UJ	UJ	16	J		<34	U	
		VMP-16-19-050416	5/4/2016	<2.7	U		<2.8	U		15			4.2			2400			<1.3	U		11			0.75	J	
		VMP-16-19-080316	8/3/2016	<8	U		<8.3	U		18			3.7	J		2600			<3.8	U		12			<6.4	U	
		VMP-16-19-103116	10/31/2016	<3.5	U		<3.6	U		33			6.2			3000			<1.7	U		14			1.2	J	
	31 ft	VMP-16-31-021115	2/11/2015	<5.4	U		<5.6	U		6.2			<4.9	U		2300			<2.6	U		11			<4.3	U	
		VMP-16-31-050715	5/7/2015	<9.6	U		<10	U		36			3.2	J		2400			<4.6	U		23			2.4	J	
		VMP-16-31-073115	7/31/2015	<4	U		<4.2	U		85			4.9			2300			<1.9	U		23			0.99	J	
		VMP-16-31-073115-DUP	7/31/2015	<3.7	U		<3.9	U		75			4.4			2200			<1.8	U		22			1	J	
		VMP-16-31-110415	11/4/2015	<7.8	U		<8.1	U		66			4.6	J		2700			<3.7	U		19			1.4	J	
		VMP-16-31-020316	2/3/2016	<14	U		<15	U		17			<13	U		2400			<6.8	ND,UJ	UJ	6.6	J		<12	U	
		VMP-16-31-020316-DUP	2/3/2016	<17	U		<18	U		28			2.2	J		2500			<8.1	ND,UJ	UJ	8.5	J		<14	U	
		VMP-16-31-050416	5/4/2016	<7.1	U		<7.5	U		28			2.4	J		2000			<3.4	U		6.1			<5.8	U	
		VMP-16-31-050416-DUP	5/4/2016	1.5	J		<7.3	U		36			2.7	J		2200			<3.3	U		7.2			1.3	J	
		VMP-16-31-080316	8/3/2016	<4.8	U		<5	U		32			2	J		1800			<2.3	U		5.1			0.62	J	
		VMP-16-31-103116	10/31/2016	<3.4	U		<3.6	U		42			2.4	J		2800			<1.6	U		3.4			<2.8	U	
		VMP-16-31-103116-Dup	10/31/2016	<3.6	U		<3.8	U		46			2.6	J		2600			<1.7	U		3.6			<2.9	U	
VMP-17	5 ft	VMP-17-5-020415	2/4/2015	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-17-5-050115	5/1/2015	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		0.0078			<0.003	U		<0.0051	U		<0.0051	U	
		VMP-17-5-072815	7/28/2015	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		0.003	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-17-5-102915	10/29/2015	<0.0068	U		0.0024	J		0.0083			<0.0062	U		0.0011	J		<0.0032	U		0.0098			0.0052	J	
		VMP-17-5-020216	2/2/2016	<0.0064	U		<0.0067	U		<0.0059	U		<0.0059	U		0.0029	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-17-5-050216	5/2/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-17-5-072516	7/25/2016	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0086			<0.0036	U		0.0045	J		0.0015	J	
		VMP-17-5-103116	10/31/2016	<0.0076	U		0.0013	J		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		0.0013	J		<0.0061	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-18	8.5 ft	VMP-18-8.5-020415	2/4/2015	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		0.0016	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-18-8.5-050115	5/1/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-18-8.5-050115-DUP	5/1/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0012	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-18-8.5-072815	7/28/2015	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-18-8.5-102915	10/29/2015	<0.0066	U		0.0028	J		<0.006	U		<0.006	U		0.0035	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-18-8.5-020216	2/2/2016	<0.0067	U		0.0015	J		<0.0061	U		<0.0061	U		0.0012	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-18-8.5-050516	5/5/2016	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.0052	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-18-8.5-072516	7/25/2016	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-18-8.5-102516	10/26/2016	<0.014	U		<0.014	U		<0.012	U		<0.012	U		<0.012	J	U	<0.0064	U		<0.011	U		<0.011	U	
VMP-19	5 ft	VMP-19-5-020415	2/4/2015	<0.0069	U		<0.0072	U		0.0012	J		<0.0063	U		0.032			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-19-5-050115	5/1/2015	<0.0066	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-19-5-072815	7/28/2015	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		0.012			<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-19-5-102615	10/26/2015	<0.0074	U		<0.0078	J	U	<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-19-5-020216	2/2/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0014	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-19-5-050616	5/6/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-19-5-072816	7/28/2016	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-19-5-102516	10/26/2016	<0.0068	U		0.0013	J		<0.0062	U		<0.0062	U		0.016			<0.0032	U		0.01			0.004	J	
VMP-20	5 ft	VMP-20-5-012715	1/27/2015	<0.0068	J	U	<0.0071	U		0.013			0.0028	J		0.01			<0.0032	U		0.0048	J		0.0015	J	
		VMP-20-5-042715	4/27/2015	<0.0067	U		<0.007	U		<0.0062	U		<0.0062	U		0.021			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-20-5-072015	7/20/2015	<0.0076	U		<0.0079	J	U	0.046			0.018			0.015			<0.0036	U		0.11			0.042		
		VMP-20-5-102015	10/20/2015	<0.0065	U		0.002	J		<0.0059	U		<0.0059	U		0.012			<0.0031	U		0.0014	J		<0.0052	U	
		VMP-20-5-021616	2/16/2016	<0.0088	U		<0.0092	U		<0.008	U		<0.008	U		<0.0076	U		<0.0042	U		<0.0071	U		<0.0071	U	
		VMP-20-5-042516	4/25/2016	<0.0076	U		0.0014	J		<0.0069	U		<0.0069	U		<0.0066	J	U	<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-20-5-072216	7/22/2016	<0.0069	U		0.0018	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-20-5-102616	10/26/2016	<0.0066	U		0.0014	J		<0.006	U		<0.006	U		0.12			<0.0031	U		0.0043	J		<0.0053	U	
	10 ft	VMP-20-10-012715	1/27/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.064			<0.0032	U		<0.0055	J	U	<0.0055	U	
		VMP-20-10-012715-DUP	1/27/2015	<0.0071	J	U	<0.0075	U		<0.0065	J	U	<0.0065	U		0.055			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-20-10-042715	4/27/2015	<0.0065	U		<0.0068	U		<0.006	U		<0.006	U		0.0015	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-20-10-072015	7/20/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-20-10-102015	10/20/2015	<0.006	U		0.0023	J		<0.0055	U		<0.0055	U		0.001	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-20-10-102015-DUP	10/20/2015	<0.0075	U		0.0017	J		<0.0068	U		<0.0068	U		0.0015	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-20-10-021616	2/16/2016	<0.0066	U		<0.0069	U		0.016			0.0054	J		0.016			<0.0031	U		0.064			0.019		
		VMP-20-10-042516	4/25/2016	<0.0077	U		0.0015	J		<0.0071	U		<0.0071	U		0.1			<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-20-10-072216	7/22/2016	<0.0076	U		0.0026	J		<0.0069	U		<0.0069	U		0.0024	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-20-10-102616	10/26/2016	<0.0066	U		0.0015	J		<0.006	U		<0.006	U		0.0016	J		<0.0031	U		0.0016	J		<0.0053	U	
	25 ft	VMP-20-25-012715	1/27/2015	<0.007	U		<0.0073	U		0.0044	J		0.00083	J		0.0085			<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-20-25-042715	4/27/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.038			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-20-25-072015	7/20/2015	<0.0072	U		<0.0076	J	U	<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-20-25-102015	10/20/2015	<0.0063	U		0.003	J		0.012			0.0091			0.0025	J		<0.003	U		0.0028	J		0.002	J	
		VMP-20-25-020216	2/2/2016	<0.0078	U		0.0077	J		<0.0072	J	U	<0.0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-20-25-042516	4/25/2016	<0.0074	U		0.0015	J		<0.0068	U		<0.0068	U		<0.0065	J	U	<0.0035	U		<0.006	U		<0.006	U	
		VMP-20-25-072216	7/22/2016	<0.008	U		0.0052	J		<0.0073	U		<0.0073	U		0.0043	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-20-25-102616	10/26/2016	<0.0068	U		0.015			<0.0062	U		<0.0062	U		0.00092	J		<0.0032	U		0.012			0.0032	J	
	39.5 ft	VMP-20-39.5-042715	4/27/2015	<0.0066	U		<0.0069	U		0.0025	J		0.0012	J		0.015			<0.0032	U		0.0061			0.0026	J	
		VMP-20-39.5-042715-DUP	4/27/2015	<0.0077	U		<0.0081	U		0.0021	J		<0.007	U		0.018			<0.0037	U		0.0067			0.0027	J	
		VMP-20-39.5-072015	7/20/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-20-39.5-072015-DUP	7/20/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-20-39.5-012715	1/27/2015	<0.0078	U		<0.0082	U		0.0061	J		0.0013	J		0.021			<0.0037	U		0.0018	J		<0.0063	U	
		VMP-20-39.5-102015	10/20/2015	<0.0067	U		0.0075			<0.0061	U		<0.0061	U		0.0063			<0.0032	U		0.002	J		<0.0054	U	
		VMP-20-39.5-020216	2/2/2016	<0.0068	U		0.0026	J		<0.0062	J	U	<0.0062	J	U	0.019			<0.0032	U		0.016			0.006		
		VMP-20-39.5-020216-DUP	2/2/2016	<0.0067	U		0.0027	J		<0.0061	J	U	<0.0061	J	U	0.021			<0.0032	U		0.015			0.0059		
VMP-21	5 ft	VMP-21-5-012715	1/27/2015	<0.0068	U		<0.0072	U		0.0056	J		0.0011	J		0.01			<0.0032	U		<0.0055	J	U	<0.0055	U	
		VMP-21-5-042715	4/27/2015	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		0.038			<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-21-5-072015	7/20/2015	<0.0074	U		<0.0078	J	U	<0.0068	U		<0.0068	U		0.0078			<0.0035	U		<0.006	U		<0.006	U	
		VMP-21-5-102315	10/23/2015	<0.0068	U		<0.0071	U		<0.0062	U	U	<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-21-5-012616	1/26/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.046			<0.0036	U		<0.006	U		<0.006	U	
		VMP-21-5-042716	4/27/2016	<0.0073	U		0.0014	J		<0.0067	U		<0.0067	U		0.0012	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-21-5-072616	7/26/2016	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		0.0014	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-21-5-102416	10/24/2016	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.00092	J		<0.0058	U	
	10 ft	VMP-21-10-012715	1/27/2015	<0.0071	U		<0.0075	U		0.0017	J		<0.0065	U		0.062			<0.0034	U		<0.0058	J	U	<0.0058	U	
		VMP-21-10-042715	4/27/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0038	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-21-10-072015	7/20/2015	<0.0072	U		<0.0076	U		<0.0066	J	U	<0.0066	U		0.043			<0.0034	U		0.0031	J		0.0015	J	
		VMP-21-10-102315	10/23/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.015			<0.0036	U		<0.006	U		<0.006	U	
		VMP-21-10-012616	1/26/2016	<0.0067	U		<0.007	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-21-10-042716	4/27/2016	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		0.00095	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-21-10-072616	7/26/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-21-10-102416	10/24/2016	<0.013	U		<0.014	U		<0.012	U		<0.012	U		<0.012	U		<0.0063	U		<0.011	U		<0.011	U	
	25 ft	VMP-21-25-012715	1/27/2015	<0.0072	U		<0.0075	U		0.0024	J		<0.0066	U		0.0054	J		<0.0034	U		<0.0058	J	U	<0.0058	U	
		VMP-21-25-042715	4/27/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0012	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-21-25-072015	7/20/2015	<0.0072	U		<0.0076	J	U	<0.0066	U		<0.0066	U		0.0038	J		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-21-25-102315	10/23/2015	<0.0064	U		<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		0.0012	J		<0.0052	U	
		VMP-21-25-012616	1/26/2016	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-21-25-042716	4/27/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.047			<0.0034	U		0.018			0.0053	J	
		VMP-21-25-072616	7/26/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0011	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-21-25-102416	10/24/2016	<0.0068	U		0.0012	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.0028	J		<0.0055	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-012715	1/27/2015	<0.0068	J	U	<0.0071	U		0.01			0.0032	J		0.029			<0.0032	U		0.0035	J		<0.0055	U	
		VMP-21-33-072015	7/20/2015	<0.0076	U		<0.0079	J	U	<0.0069	J	U	<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-21-33-102315	10/23/2015	<0.0061	U		<0.0063	U		<0.0056	U		<0.0056	U		0.005	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-21-33-102315-DUP	10/23/2015	<0.015	U		<0.016	U		<0.014	U		<0.014	U		0.0081	J		<0.0073	U		<0.012	U		<0.012	U	
		VMP-21-33-042716	4/27/2016	<0.0076	U		0.0014	J		<0.0069	U		<0.0069	U		0.001	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-21-33-072616	7/26/2016	0.0035	J		<0.0079	U		<0.0069	U		<0.0069	U		0.0012	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-21-33-102416	10/24/2016	<0.0071	U		0.0015	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.0023	J		<0.0058	U	
VMP-22	5 ft	VMP-22-5-012715	1/27/2015	<0.0061	U		<0.0063	U		0.0083			0.0021	J		0.0035	J		<0.0029	U		0.0079			<0.0049	U	
		VMP-22-5-042715	4/27/2015	<0.014	U		<0.014	U		<0.012	U		<0.012	U		0.003	J		<0.0064	U		0.0032	J		<0.011	U	
		VMP-22-5-072015	7/20/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-22-5-012616	1/26/2016	<0.0075	U		<0.0078	U		0.013			<0.0068	J	U	0.039			<0.0036	U		0.0019	J		<0.006	U	
		VMP-22-5-042616	4/26/2016	<0.0093	U		<0.0097	U		<0.0085	U		<0.0085	U		0.0011	J		<0.0044	U		<0.0075	U		<0.0075	U	
		VMP-22-5-072216	7/22/2016	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		0.0039	J		<0.0039	U		0.0013	J		<0.0067	U	
		VMP-22-5-102716	10/27/2016	<0.0066	U		0.0013	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.0016	J		<0.0053	U	
	10 ft	VMP-22-10-012715	1/27/2015	<0.0079	U		<0.0082	U		<0.0072	J	U	<0.0072	U		0.0022	J		<0.0037	U		<0.0064	J	U	<0.0064	U	
		VMP-22-10-042715	4/27/2015	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.014			<0.0031	U		0.0032	J		<0.0053	U	
		VMP-22-10-072015	7/20/2015	<0.0069	U		<0.0072	J	U	<0.0063	U		<0.0063	U		0.002	J		<0.0033	U		0.0024	J		<0.0056	U	
		VMP-22-10-102315	10/23/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.00097	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-22-10-012616	1/26/2016	<0.0064	U		0.0022	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-22-10-042616	4/26/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.00061	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-22-10-072216	7/22/2016	<0.0074	U		0.0015	J		<0.0067	U		<0.0067	U		0.0028	J		<0.0035	U		0.0024	J		0.0017	J	
		VMP-22-10-102716	10/27/2016	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		<0.0062	J	U	<0.0034	U		0.0031	J		<0.0058	U	
	18 ft	VMP-22-18-012715	1/27/2015	<0.0066	U		<0.0069	U		0.012			0.0031	J		0.0089			<0.0031	U		0.006			0.0026	J	
		VMP-22-18-012715-DUP	1/27/2015	<0.0067	U		<0.007	U		0.013			0.0029	J		0.0032	J		<0.0032	U		0.0042	J		0.0018	J	
		VMP-22-18-042715	4/27/2015	<0.0066	U		<0.0068	U		0.0026	J		<0.006	U		0.012			<0.0031	U		0.016			0.0071		
		VMP-22-18-072015	7/20/2015	<0.009	U		<0.0095	U		<0.0083	J	U	<0.0083	U		0.012			<0.0043	U		0.0053	J		<0.0073	U	
		VMP-22-18-102315	10/23/2015	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		0.0018	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-22-18-012616	1/26/2016	<0.0072	U		0.002	J		<0.0066	U		<0.0066	U		0.0069			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-22-18-042616	4/26/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-22-18-072216	7/22/2016	<0.0072	U		0.0019	J		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-22-18-102716	10/27/2016	<0.0075	U		0.0014	J		<0.0068	U		<0.0068	U		<0.0065	J	U	<0.0036	U		0.0078			0.0018	J	
	38 ft	VMP-22-38-012715	1/27/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0015	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-22-38-042715	4/27/2015	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		0.0019	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-22-38-042715-DUP	4/27/2015	<0.0069	U		<0.0072	U		0.0025	J		0.0024	J		0.0027	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-22-38-072015	7/20/2015	<0.0078	U		<0.0081	J	U	<0.0071	U		<0.0071	U		0.017			<0.0037	U		0.0026	J		<0.0063	U	
		VMP-22-38-072015-DUP	7/20/2015	<0.0074	U		<0.0078	J	U	<0.0068	U		<0.0068	U		0.016			<0.0035	U		0.0019	J		<0.006	U	
		VMP-22-38-102315	10/23/2015	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.0005	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-22-38-012616-DUP	1/26/2016	<0.007	U		0.0018	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-22-38-042616	4/26/2016	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-22-38-072216	7/22/2016	<0.0075	U		0.0015	J		<0.0068	U		<0.0068	U		0.0096			<0.0036	U		0.0025	J		<0.006	U	
		VMP-22-38-072216-DUP	7/22/2016	<0.0074	U		<0.0077	U		<0.0068	U		<0.0068	U		0.0083			<0.0035	U		0.0012	J		<0.006	U	
		VMP-22-38-102716	10/27/2016	<0.0072	U		0.0014	J		<0.0066	U		<0.0066	U		0.0023	J		<0.0034	U		0.0018	J		<0.0059	U	
		VMP-22-38-102716-Dup	10/27/2016	<0.0067	U		<0.007	U		<0.0062	U		<0.0062	U		0.0024	J		<0.0032	U		0.0022	J		<0.0054	U	
VMP-23	5 ft	VMP-23-5-012715	1/27/2015	<0.0083	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0072	U		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-23-5-042715	4/27/2015	0.0024	J		0.002	J		<0.0065	U		<0.0065	U		0.026			<0.0034	U		0.0042	J		0.0016	J	
		VMP-23-5-072015	7/20/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		0.06			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-23-5-102615	10/26/2015	<0.006	U		<0.0063	U		<0.0055	U		<0.0055	U		0.0011	J		<0.0029	U		0.0053			0.0016	J	
		VMP-23-5-012516	1/25/2016	<0.0074	U		0.0022	J		<0.0068	J	U	<0.0068	U		<0.0065	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-23-5-062816	6/28/2016	<0.0085	U		0.0015	J		0.00083	J		<0.0078	U		0.013			<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-23-5-072216	7/22/2016	<0.008	U		0.0018	J		<0.0073	U		<0.0073	U		0.024			<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-23-5-101916	10/19/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.00078	J		<0.0033	U		<0.0056	U		<0.0056	U	
	10 ft	VMP-23-10-012715	1/27/2015	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		0.0015	J		<0.003	U		0.00073	J		<0.0052	U	
		VMP-23-10-042715	4/27/2015	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0011	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-23-10-072015	7/20/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-23-10-102615	10/26/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0059	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-23-10-012516	1/25/2016	<0.0066	U		0.0022	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-23-10-062816	6/28/2016	<0.0082	U		0.0023	J		<0.0075	U		<0.0075	U		0.00093	J		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-23-10-072216	7/22/2016	<0.0078	U		0.0015	J		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-23-10-101916	10/19/2016	<0.0066	U		0.0016	J		0.0015	J		<0.006	U		0.0011	J		<0.0031	U		0.0048	J		0.0016	J	
	25 ft	VMP-23-25-012715	1/27/2015	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-23-25-042715	4/27/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-23-25-072015	7/20/2015	<0.0074	U		<0.0078	J	U	<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-23-25-102615	10/26/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.00058	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-23-25-012516	1/25/2016	<0.0076	U		0.0019	J		<0.0069	U		<0.0069	U		0.0061	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-23-25-062816	6/28/2016	<0.0079	U		0.0018	J		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-23-25-072216	7/22/2016	<0.0079	U		<0.0083	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-23-25-101916	10/19/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0014	J		<0.0036	U		<0.0061	U		<0.0061	U	
	40 ft	VMP-23-40-012715	1/27/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-23-40-042715	4/27/2015	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-23-40-072015	7/20/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		0.17			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-23-40-102615	10/26/2015	<0.0068	U		0.0023	J		<0.0062	U		<0.0062	U		0.0016	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-23-40-102615-DUP	10/26/2015	<0.0071	U		<0.0074	U		<0.0065	J	U	<0.0065	U		0.0016	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-23-40-012516	1/25/2016	<0.0064	U		0.002	J		0.016			<0.0058	J	U	0.017			<0.003	U		0.0025	J		<0.0051	U	
		VMP-23-40-072216	7/22/2016	<0.0074	U		0.002	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-020215	2/2/2015	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		0.0038	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-24-5-042715	4/27/2015	<0.0078	U		<0.0082	U		0.0028	J		<0.0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-24-5-072115	7/21/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.001	J		<0.0057	U	
		VMP-24-5-102915	10/29/2015	<0.0072	U		0.0015	J		0.0034	J	J	0.001	J	J	<0.0063	U		<0.0034	U		0.0011	J		<0.0059	U	
		VMP-24-5-012716	1/27/2016	<0.0067	U		0.0015	J		<0.0061	U		<0.0061	U		0.0015	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-24-5-042916	4/29/2016	<0.0071	U		0.0016	J		<0.0065	U		<0.0065	U		0.0012	J		<0.0034	U		0.00095	J		<0.0058	U	
		VMP-24-5-072716	7/27/2016	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-24-5-102816	10/28/2016	<0.0058	U		0.0012	J		<0.0053	U		<0.0053	U		<0.005	J	U	<0.0028	U		0.008			0.0021	J	
	10 ft	VMP-24-10-020215	2/2/2015	<0.006	U		<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-24-10-042715	4/27/2015	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.0012	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-24-10-072115	7/21/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0059	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-24-10-102915	10/29/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0026	J	J	<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-24-10-012716	1/27/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-24-10-042916	4/29/2016	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-24-10-072716	7/27/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-24-10-102816	10/28/2016	<0.0056	U		0.0011	J		<0.0051	U		<0.0051	U		0.0034	J		<0.0026	U		0.0069			0.0024	J	
	22 ft	VMP-24-22-020215	2/2/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-24-22-042715	4/27/2015	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-24-22-072115	7/21/2015	<0.0071	U	UJ	<0.0074	U	UJ	<0.0065	U	UJ	<0.0065	U	UJ	<0.0062	U	UJ	<0.0034	U	UJ	<0.0057	U	UJ	<0.0057	U	UJ
		VMP-24-22-082415	8/24/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-24-22-082415-DUP	8/24/2015	0.0059	J		<0.0086	U		0.0013	J		<0.0075	U		0.0045	J		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-24-22-102915	10/29/2015	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-24-22-012716	1/27/2016	<0.0069	U		0.0017	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-24-22-042916	4/29/2016	0.0024	J		<0.0082	U		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0064	U		<0.0064	U	
		VMP-24-22-072716	7/27/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-24-22-102816	10/28/2016	<0.0059	U		0.0011	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		0.0016	J		<0.0048	U	
	34 ft	VMP-24-34-020215	2/2/2015	<0.0065	U		<0.0068	U		<0.0059	J	U	<0.0059	U		<0.0056	U		<0.0031	U		0.0017	J		<0.0052	U	
		VMP-24-34-020215-DUP	2/2/2015	<0.0063	U		<0.0065	U		<0.0057	J	U	<0.0057	U		0.00073	J		<0.003	U		0.0021	J		<0.005	U	
		VMP-24-34-042715	4/27/2015	<0.0094	U		<0.0099	U		<0.0086	U		<0.0086	U		<0.0082	U		<0.0045	U		<0.0076	U		<0.0076	U	
		VMP-24-34-072115	7/21/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.0006	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-24-34-072115-DUP	7/21/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-24-34-102915	10/29/2015	<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-24-34-012716	1/27/2016	<0.0081	U		0.0018	J		<0.0074	U		<0.0074	U		0.0026	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-24-34-042916	4/29/2016	<0.0071	U		0.0012	J		<0.0065	U		<0.0065	U		0.0068			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-24-34-072716	7/27/2016	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.00082	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-24-34-072716-DUP	7/27/2016	<0.006	U		0.0012	J		<0.0054	U		<0.0054	U		0.0013	J		<0.0028	U		0.00087	J		<0.0048	U	
		VMP-24-34-102816	10/28/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0021	J		<0.0037	U		0.0046	J		<0.0063	U	
		VMP-24-34-102816-Dup	10/28/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.002	J		<0.0035	U		0.0039	J		<0.006	U	
VMP-25	5 ft	VMP-25-5-021115	2/11/2015	<0.0065	U		<0.0068	U		0.044			0.014			0.073			<0.0031	U		0.22			0.097		
		VMP-25-5-050715	5/7/2015	<0.0073	U		<0.0077	U		<0.0067	J	U	<0.0067	U		0.002	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-25-5-073015	7/30/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-25-5-110515	11/5/2015	<0.007	U		<0.0073	U		0.11	J0	J	0.016			0.096			<0.0033	U		0.017			0.0021	J	
		VMP-25-5-021616	2/16/2016	<0.007	U		<0.0073	U		0.0041	J		<0.0064	U		0.023			<0.0033	U		0.0016	J		<0.0057	U	
		VMP-25-5-050416	5/4/2016	<0.13	U		<0.14	U		<0.12	U		<0.12	U		20			<0.062	U		<0.1	U		<0.1	U	
		VMP-25-5-080316	8/3/2016	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		0.0079			<0.004	U		0.0012	J		<0.0068	U	
		VMP-25-5-103116	10/31/2016	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	21 ft	VMP-25-21-021115	2/11/2015	<3.3	U		<3.5	U		<3	U		<3	U		480			<1.6	U		<2.7	U		<2.7	U	
		VMP-25-21-050715	5/7/2015	4.2	J		<6.8	U		<5.9	U		<5.9	U		450			<3.1	U		2.1	J		<5.2	U	
		VMP-25-21-073015	7/30/2015	<1.7	U		<1.8	U		0.25	J		<1.6	U		930			<0.82	U		0.35	J		<1.4	U	
		VMP-25-21-110515	11/5/2015	<1.5	U		<1.6	U		0.43	J		0.2	J		640			<0.73	U		1.6			0.69	J	
		VMP-25-21-050416	5/4/2016	<0.081	U		<0.085	U		<0.074	U		<0.074	U		0.33			<0.039	U		<0.066	U		<0.066	U	
		VMP-25-21-080316	8/3/2016	<0.0076	U		0.0018	J		<0.0069	U		<0.0069	U		0.0018	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-25-21-103116	10/31/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-25-21-103116-Dup	10/31/2016	<0.0066	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
	31 ft	VMP-25-31-021115	2/11/2015	<3.2	U		<3.3	U		<2.9	U		<2.9	U		480			<1.5	U		<2.6	U		<2.6	U	
		VMP-25-31-021115-DUP	2/11/2015	<3.1	U		<3.3	U		<2.9	U		<2.9	U		460			<1.5	U		<2.5	U		<2.5	U	
		VMP-25-31-050715	5/7/2015	3.7	J		<9.1	U		<8	U		<8	U		420			<4.2	U		2.3	J		<7	U	
		VMP-25-31-050715-DUP	5/7/2015	<8.4	U		<8.8	U		<7.7	U		<7.7	U		400			<4	U		<6.8	U		<6.8	U	
		VMP-25-31-073015	7/30/2015	<2	U		<2.1	U		0.29	J		<1.8	U		830			<0.96	U		0.31	J		<1.6	U	
		VMP-25-31-073015-DUP	7/30/2015	<1.8	U		<1.9	U		0.37	J		<1.6	U		780			<0.85	U		0.35	J		<1.4	U	
		VMP-25-31-110515	11/5/2015	<1.4	U		<1.5	U		<1.3	U		<1.3	U		600			<0.69	U		0.25	J		<1.2	U	
		VMP-25-31-021616	2/16/2016	<2.2	U		<2.3	U		<2	U		<2	U		540			<1	U		0.52	J		0.25	J	
		VMP-25-31-021616-DUP	2/16/2016	<3.4	U		<3.6	U		<3.1	U		<3.1	U		560			<1.6	U		0.3	J		<2.8	U	
		VMP-25-31-050416	5/4/2016	<3.8	U		<3.9	U		<3.4	U		<3.4	U		580			<1.8	U		<3	U		<3	U	
		VMP-25-31-080316	8/3/2016	<0.14	U		<0.15	U		<0.13	U		<0.13	U		21			<0.069	U		<0.12	U		<0.12	U	
		VMP-25-31-080316-DUP	8/3/2016	<0.13	U		<0.13	U		<0.12	U		<0.12	U		19			<0.061	U		<0.1	U		<0.1	U	
		VMP-25-31-103116	10/31/2016	<0.065	U		<0.068	U		<0.059	U		<0.059	U		240	S		<0.031	U		<0.052	U		<0.052	U	
VMP-29	10 ft	VMP-29-10-020515	2/5/2015	<0.0071	U		<0.0074	U		<0.0065	J	U	<0.0065	U		0.0062			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-29-10-050615	5/6/2015	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		0.005	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-29-10-072715	7/27/2015	<0.0073	U		<0.0076	U		0.0019	J		0.0012	J		0.0074			<0.0035	U		0.0034	J		0.0012	J	
		VMP-29-10-103015	10/30/2015	<0.007	U		0.0018	J		<0.0064	U		<0.0064	U		0.0014	J		0.002	J		0.003	J		<0.0057	U	
		VMP-29-10-012716	1/27/2016	<0.0069	U		0.0018	J		<0.0063	U		<0.0063	U		0.0032	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-29-10-050216	5/2/2016	<0.0072	U		<0.0076	U		0.0019	J		0.0006	J		<0.0063	U		<0.0034	U		0.0048	J		0.002	J	
		VMP-29-10-072816	7/28/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-29-10-120916	12/9/2016	<0.0066	U		<0.0069	U		0.00082	J		<0.006	U		0.001	J	J	<0.0031	U		0.01			0.0048	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	20 ft	VMP-29-20-020515	2/5/2015	<0.0072	U		<0.0076	U		<0.0066	J	U	<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-29-20-050615	5/6/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		0.0026	J		<0.0063	U	
		VMP-29-20-072715	7/27/2015	<0.0096	U		<0.01	U		<0.0088	J	U	0.0012	J		0.019			<0.0046	U		0.0061	J		0.0021	J	
		VMP-29-20-103015	10/30/2015	<0.0072	U		0.0026	J		0.0011	J		<0.0066	U		0.0017	J		<0.0034	U		0.0024	J		<0.0058	U	
	18 ft	VMP-29-20-020416-R	2/4/2016	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-29-20-050216	5/2/2016	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		0.0079			<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-29-20-072816	7/28/2016	<0.015	U		<0.016	U		<0.014	U		<0.014	U		<0.013	U		<0.0072	U		<0.012	U		<0.012	U	
		VMP-29-18-110316	11/3/2016	<0.014	U		<0.015	U		<0.013	U		<0.013	U		<0.012	U		<0.0067	U		<0.011	U		<0.011	U	
	26 ft	VMP-29-30-020615	2/6/2015	<0.0069	U		<0.0072	U		<0.0063	J	U	<0.0063	U		0.0059	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-29-30-050615	5/6/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0074		J	<0.0036	U		0.0011	J		<0.006	U	
		VMP-29-30-050615-DUP	5/6/2015	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.025		J	<0.0034	U		0.0025	J		<0.0058	U	
		VMP-29-30-080315	8/3/2015	<0.008	U		0.0024	J		0.0037	J		0.0014	J		<0.007	U		<0.0038	U		0.0033	J		<0.0065	U	
		VMP-29-30-103015	10/30/2015	<0.0064	U		0.0021	J		<0.0058	U		<0.0058	U		0.00095	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-29-30-012716	1/27/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0027	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-29-30-050216	5/2/2016	<0.026	U		<0.027	U		<0.024	U		<0.024	U		<0.023	U		<0.012	U		<0.021	U		<0.021	U	
		VMP-29-30-072816	7/28/2016	<0.018	U		<0.018	U		<0.016	U		<0.016	U		0.0043	J		<0.0084	U		0.0049	J		<0.014	U	
		VMP-29-26-110316	11/3/2016	<0.007	U		0.0014	J		0.0077			<0.0064	U		0.0059	J		<0.0033	U		0.2			0.052		
		VMP-29-26-110316-Dup	11/3/2016	<0.0068	U		0.0012	J		0.0079			<0.0062	U		0.0052	J		<0.0032	U		0.2			0.053		
VMP-30	10 ft	VMP-30-10-020615	2/6/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.006	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-30-10-050515	5/5/2015	<0.0063	U		<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-30-10-072715	7/27/2015	<0.007	U		<0.0073	J	U	0.0018	J		<0.0064	U		0.0066			<0.0033	U		0.0045	J		0.0012	J	
		VMP-30-10-103015	10/30/2015	<0.0067	U		0.0015	J		0.003	J		<0.0062	U		<0.0059	U		<0.0032	U		0.0036	J		0.0019	J	
		VMP-30-10-020416	2/4/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-30-10-050216	5/2/2016	<0.0069	U		<0.0072	U		0.003	J		<0.0063	U		<0.006	U		<0.0033	U		0.0076			0.0033	J	
		VMP-30-10-072816	7/28/2016	<0.03	U		<0.031	U		<0.027	U		<0.027	U		<0.026	U		<0.014	U		<0.024	U		<0.024	U	
		VMP-30-10-110316	11/3/2016	<0.0068	U		<0.0071	U		0.02			0.0059	J		0.012			<0.0032	U		0.24			0.077		
	18 ft	VMP-30-20-020615	2/6/2015	<0.0068	J	U	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.00089	J		<0.0055	U	
		VMP-30-20-050515	5/5/2015	<0.0072	U		0.0014	J		<0.0066	U		<0.0066	U		0.0014	J		<0.0034	U		0.001	J		<0.0058	U	
		VMP-30-20-072715	7/27/2015	<0.018	U		<0.018	U		<0.016	U		<0.016	U		0.0044	J		<0.0084	U		0.0032	J		<0.014	U	
		VMP-30-20-103015	10/30/2015	<0.0078	U		<0.0081	U		0.0014	J		<0.0071	U		0.0048	J		<0.0037	U		0.0057	J		0.0014	J	
		VMP-30-20-012716	1/27/2016	<0.0071	U		0.0018	J		0.0025	J		<0.0065	U		0.028			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-30-20-050216	5/2/2016	<0.0081	U		<0.0084	U		0.003	J		<0.0074	U		0.0041	J		<0.0038	U		0.0042	J		0.0015	J	
		VMP-30-20-072816	7/28/2016	<0.033	U		<0.034	U		<0.03	U		<0.03	U		<0.028	U		<0.016	U		<0.026	U		<0.026	U	
		VMP-30-18-110316	11/3/2016	<0.007	U		0.0013	J		0.012			0.0042	J		<0.0061	J	U	<0.0033	U		0.22			0.064		
	26 ft	VMP-30-30-020615	2/6/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0016	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-30-30-050515	5/5/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0022	J		<0.0033	U		0.0031	J		<0.0056	U	
		VMP-30-30-050515-DUP	5/5/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0018	J		<0.0036	U		0.0013	J		<0.006	U	
		VMP-30-30-072715	7/27/2015	<0.0079	U		<0.0083	U		0.002	J		0.00088	J		0.021			<0.0038	U		0.005	J		0.0012	J	
		VMP-30-30-103015	10/30/2015	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.0013	J		<0.0031	U		0.0014	J		<0.0052	U	
		VMP-30-30-012716	1/27/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		0.0017	J		<0.0056	U	
		VMP-30-30-050216	5/2/2016	<0.0081	U		<0.0084	U		0.0029	J		<0.0074	U		<0.007	U		<0.0038	U		0.003	J		0.0014	J	
		VMP-30-30-072816	7/28/2016	<0.065	U		<0.068	U		<0.06	U		<0.06	U		<0.057	U		<0.031	U		<0.053	U		<0.053	U	
		VMP-30-30-072816-DUP	7/28/2016	<0.052	U		<0.054	U		<0.047	U		<0.047	U		<0.045	U		<0.024	U		<0.042	U		<0.042	U	
		VMP-30-26-110316	11/3/2016	<0.0074	U		<0.0078	U		0.014			0.0042	J		<0.0065	J	U	<0.0035	U		0.26			0.073		
VMP-32	5 ft	VMP-32-5-021015	2/10/2015	<0.0055	U		<0.0058	U		<0.0051	J	U	<0.0051	U		0.0014	J		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-32-5-073115	7/31/2015	<0.0075	U	UJ	<0.0078	U	UJ	0.0015	J	J	<0.0068	U	UJ	<0.0065	U	UJ	<0.0036	U	UJ	0.0029	J	J	0.0013	J	J
		VMP-32-5-082415	8/24/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-32-5-110415	11/4/2015	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.0022	J		<0.0038	U		<0.0066	U		<0.0066	U	
		VMP-32-5-012616	1/26/2016	<0.0067	U		0.0021	J		<0.0061	U		<0.0061	U		0.0074			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-32-5-042716	4/27/2016	<0.0073	U		0.0016	J		<0.0067	U		<0.0067	U		0.0056	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-32-5-072616	7/26/2016	<0.0078	U		0.0017	J		<0.0071	U		<0.0071	U		0.0013	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-32-5-102716	10/27/2016	<0.0065	U		0.0015	J		<0.0059	U		<0.0059	U		0.0082			<0.0031	U		0.003	J		<0.0052	U	
	10 ft	VMP-32-10-021015	2/10/2015	<0.0066	U		<0.0069	U		<0.006	J	U	<0.006	U		<0.0057	U		<0.0031	U		0.0031	J		<0.0053	U	
		VMP-32-10-051115	5/11/2015	<0.0085	U	UJ	<0.0089	U	UJ	<0.0078	U	UJ	<0.0078	U	UJ	<0.0074	U	UJ	<0.004	U	UJ	<0.0069	U	UJ	<0.0069	U	UJ
		VMP-32-10-052915-R	5/29/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0027	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-32-10-110415	11/4/2015	<0.0072	U		0.0023	J		<0.0066	U		<0.0066	U		0.001	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-32-10-012616	1/26/2016	<0.007	U		0.0022	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-32-10-042716	4/27/2016	<0.0067	U		0.0013	J		<0.0061	U		<0.0061	U		0.0011	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-32-10-072616	7/26/2016	<0.007	U		0.0021	J		<0.0064	J	U	<0.0064	U		0.068			<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-32-10-102716	10/27/2016	<0.007	U		0.0013	J		<0.0064	U		<0.0064	U		0.00087	J		<0.0033	U		0.032			0.0092		
	20 ft	VMP-32-20-021015	2/10/2015	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-32-20-051115	5/11/2015	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-32-20-080315	8/3/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-32-20-110415	11/4/2015	<0.0071	U		0.0019	J		0.0036	J		<0.0065	U		0.0049	J		<0.0034	U		0.0036	J		<0.0057	U	
		VMP-32-20-110415-DUP	11/4/2015	<0.0077	U		0.0024	J		0.0034	J		<0.007	U		0.005	J		<0.0036	U		0.0044	J		<0.0062	U	
		VMP-32-20-021616	2/16/2016	<0.0062	U		0.0015	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-32-20-042716	4/27/2016	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0015	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-32-20-082616-R	8/29/2016	<0.0093	U		<0.0097	U		<0.0085	U		<0.0085	U		0.0007	J		<0.0044	U		<0.0075	U		<0.0075	U	
		VMP-32-20-102716	10/27/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.016			0.0049	J	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	30 ft	VMP-32-30-021015	2/10/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0014	J		<0.0032	U		<0.0055	J	U	<0.0055	U	
		VMP-32-30-050515	5/5/2015	<0.0071	U		0.0017	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-32-30-073115	7/31/2015	<0.0075	U	UJ	<0.0078	U	UJ	0.023		J	0.0053	J	J	0.0045	J	J	<0.0036	U	UJ	0.026		J	0.0094		J
		VMP-32-30-073115-DUP	7/31/2015	<0.0084	U	UJ	<0.0087	U	UJ	0.021		J	0.0054	J	J	0.0046	J	J	<0.004	U	UJ	0.017		J	0.0074		J
		VMP-32-30-082415	8/24/2015	<0.0075	U		<0.0079	U		0.0009	J		<0.0069	U		0.0059	J		<0.0036	U		0.0023	J		<0.0061	U	
		VMP-32-30-082415-DUP	8/24/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0061	J		<0.0035	U		0.0021	J		<0.0059	U	
		VMP-32-30-110415	11/4/2015	<0.0078	U		0.002	J		0.0047	J		<0.0072	J	U	0.008			<0.0037	U		0.0024	J		<0.0063	U	
		VMP-32-30-020216	2/2/2016	<0.0069	U		0.0013	J		<0.0063	U		<0.0063	U		0.0013	J		<0.0033	U		0.0012	J		<0.0056	U	
		VMP-32-30-042716	4/27/2016	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0011	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-32-30-072616	7/26/2016	<0.0076	U		0.0017	J		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-32-30-102716	10/27/2016	<0.0071	U		0.0013	J		<0.0065	U		<0.0065	U		0.0065			<0.0034	U		0.0048	J		0.0017	J	
VMP-41	10 ft	VMP-41-10-020415	2/4/2015	<0.0065	U		<0.0068	U		<0.0059	J	U	<0.0059	J	U	0.0018	J		<0.0031	U		0.0027	J		0.0012	J	
		VMP-41-10-020415-DUP	2/4/2015	<0.0066	U		<0.0068	U		<0.006	J	U	<0.006	J	U	0.0021	J		<0.0031	U		0.0025	J		0.0015	J	
		VMP-41-10-043015	4/30/2015	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-41-10-072815	7/28/2015	<0.0073	U		0.0015	J		<0.0067	U		<0.0067	U		0.016			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-41-10-110215	11/2/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0015	J		<0.0034	U		0.0019	J		<0.0057	U	
		VMP-41-10-012716	1/27/2016	<0.0066	U		<0.0068	U		<0.006	U		<0.006	U		0.014			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-41-10-050216	5/2/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0018	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-41-10-072816	7/28/2016	<0.0065	U		0.0013	J		<0.0059	U		<0.0059	U		0.0023	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-41-10-102416	10/24/2016	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		0.002	J		<0.0065	U	
	20 ft	VMP-41-20-020415	2/4/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.00094	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-41-20-043015	4/30/2015	<0.17	U		<0.17	U		<0.15	U		<0.15	U		<0.14	U		<0.079	U		<0.14	U		<0.14	U	
		VMP-41-20-072815	7/28/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-41-20-110215	11/3/2015	<0.0074	U		0.0022	J		<0.0068	U		<0.0068	U		0.0024	J		0.0028	J		0.0019	J		<0.006	U	
		VMP-41-20-012716	1/27/2016	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-41-20-050216	5/2/2016	<0.0063	U		0.0013	J		<0.0058	U		<0.0058	U		0.0016	J		<0.003	U		0.0012	J		<0.0051	U	
		VMP-41-20-072816	7/28/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-41-20-102416	10/24/2016	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
	26 ft	VMP-41-30-020415	2/4/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-41-30-043015	4/30/2015	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		0.0018	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-41-30-043015-DUP	4/30/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0013	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-41-30-110215	11/2/2015	<0.0072	U		0.0024	J		<0.0066	U		<0.0066	U		0.0026	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-41-30-110215-DUP	11/2/2015	<0.0072	U		0.0022	J		<0.0066	U		<0.0066	U		0.0013	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-41-30-012716	1/27/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0028	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-41-30-012716-DUP	1/27/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0032	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-41-30-050216	5/2/2016	0.0016	J		0.0012	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-41-30-072816	7/28/2016	<0.0074	U		<0.0078	U		0.004	J		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-41-30-072816-DUP	7/28/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-41-26-102416	10/24/2016	0.0028	J		0.0014	J		<0.0058	U		<0.0058	U		0.0028	J		<0.003	U		0.0066			0.0015	J	
		VMP-41-30-072815	7/28/2015	<0.0085	U		<0.0089	U		<0.0078	U		<0.0078	U		<0.0074	U		<0.004	U		<0.0069	U		<0.0069	U	
VMP-42	10 ft	VMP-42-10-020315	2/3/2015	<0.0068	U		<0.0072	U		<0.0063	U		<0.0063	U		0.00078	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-42-10-042915	4/29/2015	<0.0067	U		<0.007	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-42-10-072115	7/21/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0005	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-42-10-102715	10/27/2015	<0.0065	U		<0.0068	J	U	<0.006	U		<0.006	U		0.005	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-42-10-020116	2/1/2016	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-42-10-042616	4/26/2016	<0.0076	U		<0.0079	U		0.0019	J		<0.0069	U		0.15			<0.0036	U		0.044			0.014		
		VMP-42-10-072616	7/26/2016	<0.0079	U		<0.0082	U		0.0018	J		<0.0072	U		0.007			<0.0038	U		0.0075			0.0024	J	
		VMP-42-10-102716	10/27/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0077			<0.0033	U		0.0019	J		<0.0056	U	
	20 ft	VMP-42-20-020315	2/3/2015	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-42-20-042915	4/29/2015	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0064	U		<0.0064	U	
		VMP-42-20-072115	7/21/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.00056	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-42-20-102715	10/27/2015	<0.0082	U		<0.0085	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		0.0014	J		<0.0066	U	
		VMP-42-20-020116	2/1/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-42-20-042616	4/26/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0065	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-42-20-072616	7/26/2016	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		0.00076	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-42-20-102676	10/27/2016	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		0.01			0.0023	J	
	30 ft	VMP-42-30-020315	2/3/2015	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-42-30-042915	4/29/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.017			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-42-30-080315	8/3/2015	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.0015	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-42-30-080315-DUP	8/3/2015	<0.007	U		0.002	J		0.0011	J		<0.0064	U		0.0026	J		<0.0033	U		0.0014	J		<0.0056	U	
		VMP-42-30-102715	10/27/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-42-30-020116	2/1/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.004	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-42-30-042616	4/26/2016	<0.0086	U		<0.009	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0041	U		0.0016	J		<0.0069	U	
		VMP-42-30-072616	7/26/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.00048	J		<0.0032	U		0.00072	J		<0.0055	U	
		VMP-42-30-102716	10/27/2016	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		<0.0062	J	U	<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-42-30-102716-Dup	10/27/2016	<0.014	U		<0.014	U		<0.012	U		<0.012	U		0.0018	J		<0.0065	U		<0.011	U		<0.011	U	
VMP-43	10 ft	VMP-43-10-021015	2/10/2015	<0.0059	U		<0.0062	U		<0.0054	J	U	<0.0054	U		<0.0051	U		<0.0028	U		0.0036	J		0.0011	J	
		VMP-43-10-050515	5/5/2015	<0.0076	U		0.0016	J		<0.0069	J	U	<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-43-10-072115	7/21/2015	<0.0073	U		0.0014	J		<0.0067	U		<0.0067	U		<0.0063	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-43-10-102915	10/29/2015	<0.0083	U		<0.0086	U		<0.0076	U		<0.0076	U		0.02		J	<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-43-10-020116	2/1/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-43-10-042716	4/27/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0014	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-43-10-072716	7/27/2016	<0.0069	U		0.0013	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-43-10-102616	10/26/2016	<0.0061	U		0.0012	J		<0.006		U	<0.0056	U		0.0045	J		<0.0029	U		0.18			0.041		

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	20 ft	VMP-43-20-021215	2/12/2015	<0.0066	U		<0.0069	U		<0.006	J	U	<0.006	U		0.0045	J		<0.0031	U		0.0026	J		0.0013	J	
		VMP-43-20-021215-DUP	2/12/2015	<0.0066	U		<0.0068	U		<0.006	J	U	<0.006	U		0.0045	J		<0.0031	U		0.0025	J		0.0014	J	
		VMP-43-20-050515	5/5/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-43-20-072115	7/21/2015	<0.009	U		<0.0094	U		<0.0082	U		<0.0082	U		<0.0078	U		<0.0043	U		<0.0073	U		<0.0073	U	
		VMP-43-20-102915	10/29/2015	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.021		J	<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-43-20-102915-DUP	10/29/2015	<0.0064	U		<0.0066	U		0.00073	J	J	<0.0058	U		0.022		J	<0.003	U		0.0013	J		<0.0051	U	
		VMP-43-20-020116	2/1/2016	<0.011	U		<0.012	U		<0.01	U		<0.01	U		0.0036	J		<0.0054	U		0.002	J		<0.0092	U	
		VMP-43-20-042716	4/27/2016	<0.0072	U		0.0014	J		<0.0066	U		<0.0066	U		0.0087			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-43-20-072716	7/27/2016	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		0.009			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-43-20-102616	10/26/2016	<0.007	U		<0.0074	U		<0.0064	J	U	<0.0064	U		<0.0061	J	U	<0.0033	U		0.056			0.015		
	30 ft	VMP-43-30-050515	5/5/2015	<0.0081	U		0.0017	J		<0.0074	J	U	<0.0074	U		0.0077			<0.0038	U		0.0092			0.0028	J	
		VMP-43-30-050515-DUP	5/5/2015	<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		0.0019	J		<0.0033	U		0.0026	J		<0.0056	U	
		VMP-43-30-072115	7/21/2015	<0.0073	U		<0.0076	U		0.0017	J		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-43-30-102915	10/29/2015	<0.0066	U		0.0015	J		<0.006	U		<0.006	U		0.0092		J	<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-43-30-020116	2/1/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0047	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-43-30-042716	4/27/2016	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		0.00076	J		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-43-30-042716-DUP	4/27/2016	<0.0076	U		<0.0079	U		0.0028	J		0.0011	J		0.0082			<0.0036	U		0.011			0.0035	J	
		VMP-43-30-072716	7/27/2016	<0.0076	U		0.0018	J		<0.007	U		<0.007	U		0.0029	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-43-30-102616	10/26/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0037	J		<0.0033	U		0.0079			0.0024	J	
		VMP-43-30-102616-Dup	10/26/2016	<0.0073	U		0.0014	J		<0.0067	U		<0.0067	U		0.0025	J		<0.0035	U		0.0076			0.0021	J	
VMP-44	10 ft	VMP-44-10-020415	2/4/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-44-10-050115	5/1/2015	<0.0074	U		<0.0077	U		0.0025	J		<0.0068	U		0.0036	J		<0.0035	U		0.003	J		0.0018	J	
		VMP-44-10-072415	7/24/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.001	J		<0.0037	U		0.0011	J		<0.0063	U	
		VMP-44-10-102815	10/28/2015	<0.0081	U		<0.0085	U		0.0014	J		<0.0074	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-44-10-012516	1/25/2016	<0.0065	U		<0.0068	U		0.0033	J		<0.0059	U		0.0016	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-44-10-042816	4/28/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-44-10-072716	7/27/2016	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		0.0073			<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-44-10-102716	10/27/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.00091	J		<0.0034	U		0.0052	J		<0.0058	U	
	20 ft	VMP-44-20-020415	2/4/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-44-20-051115	5/11/2015	<0.0065	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-44-20-072415	7/24/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.00048	J		<0.0033	U		0.0013	J		<0.0056	U	
		VMP-44-20-102815	10/28/2015	<0.0072	U		<0.0076	J	U	<0.0066	U		<0.0066	U		0.013			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-44-20-020216-R	2/2/2016	<0.0074	U		0.0013	J		<0.0067	U		<0.0067	U		0.007			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-44-20-042816	4/28/2016	<0.0086	U		<0.009	U		<0.0079	U		<0.0079	U		0.0016	J		<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-44-20-072716	7/27/2016	<0.0088	U		<0.0092	U		<0.008	U		<0.008	U		0.0034	J		<0.0042	U		0.005	J		0.0015	J	
		VMP-44-20-102716	10/27/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0011	J		<0.0034	U		0.0012	J		<0.0057	U	
	30 ft	VMP-44-30-020415	2/4/2015	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0052	J		<0.0033	U		0.00078	J		<0.0056	U	
		VMP-44-30-051115	5/11/2015	0.0022	J		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-44-30-072415	7/24/2015	<0.0067	U		<0.007	U		0.0023	J		<0.0061	U		0.0011	J		<0.0032	U		0.0043	J		0.002	J	
		VMP-44-30-102815	10/28/2015	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-44-30-012516	1/25/2016	<0.0068	U		<0.0072	U		<0.0063	U		<0.0063	U		0.002	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-44-30-050516	5/5/2016	<0.0094	U		<0.0098	U		<0.0086	U		<0.0086	U		<0.0081	U		<0.0044	U		<0.0076	U		<0.0076	U	
		VMP-44-30-072716	7/27/2016	0.0027	J		<0.0086	U		<0.0075	U		<0.0075	U		<0.0072	U		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-44-30-102716	10/27/2016	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		<0.0058	J	U	<0.0032	U		0.0013	J		<0.0054	U	
VMP-45	10 ft	VMP-45-10-020615	2/6/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		0.0017	J		<0.0058	U	
		VMP-45-10-051215	5/12/2015	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0036	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-45-10-072115	7/21/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.1			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-45-10-102815	10/28/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-45-10-030916-R	3/9/2016	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-45-10-042816	4/28/2016	<0.008	U		<0.0083	U		0.00098	J		<0.0073	U		0.051			<0.0038	U		0.018			0.0062	J	
		VMP-45-10-082616	8/26/2016	<0.0059	U		0.0019	J		<0.0054	U		<0.0054	U		0.0012	J		<0.0028	U		0.0022	J		0.00096	J	
		VMP-45-10-102816	10/28/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		0.0029	J		<0.0056	U	
	20 ft	VMP-45-20-020615	2/6/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-45-20-042915	4/29/2015	<0.008	U		<0.0083	U		0.0049	J		<0.0073	U		0.0082			<0.0038	U		0.0073			0.0034	J	
		VMP-45-20-072115	7/21/2015	<0.0086	U		<0.009	U		<0.0078	U		<0.0078	U		0.0017	J		<0.0041	U		0.0013	J		<0.0069	U	
		VMP-45-20-102815	10/28/2015	<0.0065	U		<0.0068	J	U	<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-45-20-012516	1/25/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0011	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-45-20-042816	4/28/2016	<0.0057	U		0.0012	J		0.0011	J		<0.0052	U		0.00064	J		<0.0027	U		0.0031	J		0.0014	J	
		VMP-45-20-072716	7/27/2016	<0.0083	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0072	U		<0.004	U		<0.0067	U		<0.0067	U	
		VMP-45-20-102816	10/28/2016	<0.0072	U		0.0014	J		<0.0066	U		<0.0066	U		0.00091	J		<0.0034	U		0.0018	J		<0.0059	U	
	30 ft	VMP-45-30-020615	2/6/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.014			<0.0034	U		0.0013	J		<0.0057	U	
		VMP-45-30-020615-DUP	2/6/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.014			<0.0033	U		0.0012	J		<0.0056	U	
		VMP-45-30-042915	4/29/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-45-30-072115	7/21/2015	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.0082			<0.0039	U		0.002	J		<0.0066	U	
		VMP-45-30-072115-DUP	7/21/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.008			<0.0037	U		0.0014	J		<0.0063	U	
		VMP-45-30-102815	10/28/2015	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		0.0037	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-45-30-012516	1/25/2016	<0.0075	U		0.0022	J		0.012			<0.0068	J	U	0.011			<0.0036	U		0.0025	J		<0.006	U	
		VMP-45-30-042816	4/28/2016	<0.0065	U		<0.0068	U		0.0007	J		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-45-30-042816-DUP	4/28/2016	<0.0067	U		<0.007	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-45-30-072716	7/27/2016	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0016	J		<0.0035	U		0.0011	J		<0.0059	U	
		VMP-45-30-102816	10/28/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0034	J		<0.0033	U		0.0016	J		<0.0057	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-020215	2/2/2015	<0.0066	U		<0.0069	U		<0.0061	J	U	<0.0061	U		0.0095			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-47-5-042815	4/28/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0014	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-47-5-072115	7/21/2015	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		0.0015	J		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-47-5-102715	10/27/2015	<0.008	U		<0.0084	U		<0.0073	J	UJ	<0.0073	U		<0.007	U		<0.0038	U		0.0019	J		<0.0065	U	
		VMP-47-5-012916	1/29/2016	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.0027	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-47-5-042516	4/25/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	J	U	<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-47-5-072516	7/25/2016	0.0042	J		0.0017	J		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-47-5-102616	10/26/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.0021	J		<0.0034	U		0.0084			0.0031	J	
	10 ft	VMP-47-10-020215	2/2/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.00056	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-47-10-042815	4/28/2015	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		0.0024	J		<0.0038	U		0.0016	J		<0.0065	U	
		VMP-47-10-072115	7/21/2015	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-47-10-102715	10/27/2015	<0.0075	U		<0.0079	J	U	<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-47-10-012916	1/29/2016	<0.0064	U		<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-47-10-042516	4/25/2016	0.011			<0.0084	U		<0.0073	U		<0.0073	U		0.0056	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-47-10-080216	8/2/2016	0.0043	J		<0.0063	U		<0.0055	U		<0.0055	U		0.00098	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-47-10-102616	10/26/2016	<0.0063	U		0.0012	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		0.0083			0.002	J	
	20 ft	VMP-47-20-020215	2/2/2015	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-47-20-042815	4/28/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-47-20-072115	7/21/2015	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.16			<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-47-20-102715	10/27/2015	<0.0068	U		<0.0071	J	U	<0.0062	J	UJ	<0.0062	U		0.0014	J		<0.0032	U		0.0012	J		<0.0055	U	
		VMP-47-20-012916	1/29/2016	<0.0065	U		0.0016	J		<0.0059	U		<0.0059	U		0.0035	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-47-20-042516	4/25/2016	0.0042	J		<0.0082	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-47-20-072516	7/25/2016	0.0033	J		0.0014	J		<0.0071	U		<0.0071	U		0.003	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-47-20-102616	10/26/2016	<0.0067	U		0.0013	J		<0.0061	U		<0.0061	U		<0.0058	J	U	<0.0032	U		0.028			0.0074		
	30 ft	VMP-47-30-020215	2/2/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.025			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-47-30-020215-DUP	2/2/2015	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		0.024			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-47-30-042815	4/28/2015	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-47-30-042815-DUP	4/28/2015	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-47-30-072115	7/21/2015	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-47-30-102715	10/27/2015	<0.0062	U		<0.0064	J	U	<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-47-30-102715-DUP	10/27/2015	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.0018	J		<0.0031	U		0.0013	J		<0.0053	U	
		VMP-47-30-012916-DUP	1/29/2016	<0.0067	U		<0.007	U		<0.0061	J	U	<0.0061	U		0.022			<0.0032	U		0.01			0.0038	J	
		VMP-47-30-042516	4/25/2016	0.0061	J		0.0016	J		0.018		J	0.0078			0.0097			<0.0037	U		0.031		J	0.0064		
		VMP-47-30-042516-DUP	4/25/2016	0.0068	J		<0.0094	U		<0.0082	U	UJ	<0.0082	U		<0.0078	J	U	<0.0042	U		<0.0072	U	UJ	<0.0072	U	
		VMP-47-30-072516	7/25/2016	0.01			<0.008	U		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-47-30-102616	10/26/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	J	U	<0.0035	U		0.11			0.024		
VMP-48	5 ft	VMP-48-5-020215	2/2/2015	<0.0073	U		<0.0076	U		0.0067			<0.0067	J	U	<0.0064	U		<0.0035	U		0.0027	J		0.0025	J	
		VMP-48-5-042815	4/28/2015	<0.007	U		<0.0073	U		0.0037	J		0.0012	J		0.0035	J		<0.0033	U		0.0049	J		0.002	J	
		VMP-48-5-072115	7/21/2015	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-48-5-102015	10/20/2015	<0.0073	U		0.0018	J		<0.0067	U		<0.0067	U		0.028			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-48-5-012916	1/29/2016	<0.0085	U		<0.0088	U		<0.0077	U		<0.0077	U		<0.0074	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-48-5-042516	4/25/2016	<0.0071	U		0.002	J		<0.0065	U		<0.0065	U		<0.0061	J	U	<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-48-5-072516	7/25/2016	<0.0082	U		0.0017	J		<0.0075	U		<0.0075	U		<0.0071	J	U	<0.0039	U		0.0021	J		<0.0066	U	
		VMP-48-5-102616	10/26/2016	<0.0061	U		0.0013	J		<0.0056	U		<0.0056	U		0.0009	J		<0.0029	U		0.008			0.0024	J	
	10 ft	VMP-48-10-020215	2/2/2015	<0.0066	U		<0.0068	U		<0.006	J	U	<0.006	U		0.03			<0.0031	U		0.0012	J		<0.0053	U	
		VMP-48-10-042815	4/28/2015	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.0054	J		<0.0035	U		0.0024	J		<0.0059	U	
		VMP-48-10-042815-DUP	4/28/2015	<0.0069	U		0.0018	J		0.0017	J		0.0014	J		0.0058	J		<0.0033	U		0.0026	J		0.0016	J	
		VMP-48-10-072115	7/21/2015	<0.0075	U		0.0017	J		<0.0069	U		<0.0069	U		0.008			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-48-10-102015	10/20/2015	<0.0073	U		0.0018	J		0.0014	J		<0.0067	U		0.002	J		<0.0035	U		0.0018	J		<0.0059	U	
		VMP-48-10-012916	1/29/2016	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-48-10-042516	4/25/2016	<0.0071	U		0.0012	J		<0.0065	U		<0.0065	U		<0.0062	J	U	<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-48-10-072516	7/25/2016	<0.0077	U		0.0019	J		<0.0071	U		<0.0071	U		<0.0067	J	U	<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-48-10-102616	10/26/2016	<0.0068	U		0.0015	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.0035	J		<0.0055	U	
	20 ft	VMP-48-20-020215	2/2/2015	<0.0061	U		<0.0064	U		<0.0056	J	U	<0.0056	U		0.0032	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-48-20-042815	4/28/2015	<0.0065	U		<0.0068	U		0.0012	J		<0.006	U		0.016			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-48-20-102015	10/20/2015	<0.0071	U		0.0028	J		<0.0065	U		<0.0065	U		0.0021	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-48-20-042516	4/25/2016	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		<0.0071	J	U	<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-48-20-102616	10/26/2016	<0.0067	U		0.0017	J		<0.0061	U		<0.0061	U		0.00095	J		<0.0032	U		0.0044	J		<0.0054	U	
	30 ft	VMP-48-30-020215	2/2/2015	<0.0054	U		0.052			<0.0049	U		<0.0049	U		0.00083	J		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-48-30-042815	4/28/2015	0.28			0.0027	J		0.0014	J		<0.0073	U		0.0034	J		<0.0038	U		0.01			0.0081		
		VMP-48-30-080315	8/3/2015	<0.0078	U		0.047			<0.0072	U		<0.0072	U		0.0078			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-48-30-102015	10/20/2015	<0.0073	U		0.16			0.0016	J		<0.0067	U		0.015			<0.0035	U		0.006			0.0023	J	
		VMP-48-30-102015-DUP	10/20/2015	<0.0073	U		0.16			<0.0067	U		<0.0067	U		0.013			<0.0035	U		0.0025	J		<0.0059	U	
		VMP-48-30-012916	1/29/2016	<0.0076	U		0.071			<0.0069	U		<0.0069	U		0.007			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-48-30-042516	4/25/2016	<0.0085	U		0.034			0.01			<0.0078	U		0.1			<0.004	U		0.022			0.007		
		VMP-48-30-042516-DUP	4/25/2016	<0.0075	U		0.038			0.0084			<0.0068	U		0.078			<0.0036	U		0.016			0.0054	J	
		VMP-48-30-072516	7/25/2016	<0.0066	U		0.037			<0.006	U		<0.006	U		0.0092			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-48-30-102616	10/26/2016	<0.0064	U		0.025			<0.0058	J	U	<0.0058	U		0.012			<0.003	U		0.086		J	0.018		J
		VMP-48-30-102616-Dup	10/26/2016	<0.0069	U		0.038			<0.0063	U		<0.0063	U		0.0039	J		<0.0033	U		0.0017	J	J	<0.0056	U	UJ

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	5 ft	VMP-49-5-020215	2/3/2015	<0.0074	U		0.0014	J		<0.0068	J	U	<0.0068	U		0.0017	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-49-5-042815	4/28/2015	<0.0075	U		<0.0078	U		0.01			0.0029	J		<0.0065	U		<0.0036	U		0.0031	J		0.0018	J	
		VMP-49-5-073015	7/30/2015	<0.0074	U		0.0016	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-49-5-110315	11/3/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0019	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-49-5-020116	2/1/2016	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	J	U	<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-49-5-042616	4/26/2016	<0.0074	U		0.0014	J		<0.0067	U		<0.0067	U		0.0038	J		<0.0035	U		0.0016	J		<0.0059	U	
		VMP-49-5-080116	8/1/2016	<0.0069	U		0.0015	J		<0.0063	U		<0.0063	U		0.0013	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-49-5-102716	10/27/2016	<0.0071	U		0.0014	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.0073			0.0017	J	
	10 ft	VMP-49-10-020215	2/3/2015	<0.007	U		0.00098	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-49-10-042815	4/28/2015	<0.0099	U		<0.01	U		<0.0091	U		<0.0091	U		0.0023	J		<0.0047	U		<0.008	U		<0.008	U	
		VMP-49-10-073015	7/30/2015	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-49-10-110315	11/3/2015	<0.0078	U		0.0026	J		<0.0071	U		0.0017	J		0.0014	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-49-10-020116	2/1/2016	<0.0078	U		0.0014	J		<0.0071	U		<0.0071	U		<0.0068	J	U	<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-49-10-042616	4/26/2016	<0.0086	U		<0.009	U		<0.0079	U		<0.0079	U		0.0032	J		<0.0041	U		0.0025	J		<0.007	U	
		VMP-49-10-080116	8/1/2016	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-49-10-102716	10/27/2016	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0068			<0.0035	U		0.007			0.0019	J	
	20 ft	VMP-49-20-020215	2/3/2015	<0.0068	U		0.00099	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-49-20-073015	7/30/2015	<0.0075	U		<0.0079	U		0.013			0.0029	J		<0.0065	U		<0.0036	U		0.0061			0.0036	J	
		VMP-49-20-110315	11/3/2015	<0.0065	U		0.0021	J		<0.0059	U		<0.0059	U		0.0012	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-49-20-020116	2/1/2016	<0.0071	U		0.0013	J		<0.0065	U		<0.0065	U		0.013			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-49-20-042616	4/26/2016	<0.0069	U		0.0014	J		<0.0063	U		<0.0063	U		0.002	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-49-20-080116	8/1/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0011	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-49-20-102716	10/27/2016	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		0.0074			<0.0033	U		0.0018	J		<0.0057	U	
	30 ft	VMP-49-30-020215	2/3/2015	<0.007	U		0.0017	J		<0.0064	J	U	<0.0064	U		0.0054	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-49-30-042815	4/28/2015	<0.0082	U		0.021			<0.0075	U		<0.0075	U		0.0091			<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-49-30-073015	7/30/2015	<1	U		<1	U		<0.92	U		<0.92	U		180			<0.48	U		<0.81	U		<0.81	U	
		VMP-49-30-073015-DUP	7/30/2015	<0.98	U		<1	U		0.37	J		<0.89	U		180			<0.46	U		0.24	J		0.24	J	
		VMP-49-30-110315	11/3/2015	<0.0072	U		0.0069	J		<0.0066	U		<0.0066	U		0.0016	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-49-30-110315-DUP	11/3/2015	<0.0066	U		0.0077			<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-49-30-020116	2/1/2016	<0.0074	U		0.0091			<0.0068	U		<0.0068	U		0.0039	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-49-30-020116-DUP	2/1/2016	<0.0069	U		0.0098			<0.0063	U		<0.0063	U		0.0036	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-49-30-042716	4/27/2016	<0.0075	U		0.0039	J		<0.0069	U		<0.0069	U		0.002	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-49-30-042716-DUP	4/27/2016	0.0056	J		0.0032	J		<0.0061	U		<0.0061	U		0.0023	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-49-30-080116	8/1/2016	<0.0078	U		0.0029	J		0.0033	J		<0.0071	U		0.0025	J		<0.0037	U		0.0042	J		<0.0063	U	
		VMP-49-30-080116-DUP	8/1/2016	<0.0078	U		0.0016	J		<0.0071	U		<0.0071	U		0.0026	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-49-30-102716	10/27/2016	<0.008	U		0.01			<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		0.006	J		0.0015	J	
VMP-50	5 ft	VMP-50-5-021015	2/10/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.024			<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-50-5-050515	5/5/2015	<0.0079	U		0.0015	J		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-50-5-073015	7/30/2015	<0.0077	U		<0.0081	U		<0.0071	U		0.00087	J		0.0048	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-50-5-110315	11/3/2015	<0.0062	U		0.0023	J		<0.0056	U		<0.0056	U		0.0031	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-50-5-020216	2/2/2016	<0.0077	U		<0.008	U		<0.007	J	U	<0.007	U		0.0016	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-50-5-050316	5/3/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-50-5-080216	8/2/2016	<0.0097	U		0.0023	J		<0.0088	U		<0.0088	U		0.0023	J		<0.0046	U		<0.0078	U		<0.0078	U	
		VMP-50-5-103116	10/31/2016	<0.012	U		<0.013	U		0.0017	J		<0.011	U		<0.011	U		<0.0058	U		0.011			0.0027	J	
	10 ft	VMP-50-10-021015	2/10/2015	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-50-10-050515	5/5/2015	<0.0071	U		0.0016	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-50-10-073015	7/30/2015	<0.0081	U		0.0018	J		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-50-10-110315	11/3/2015	<0.0068	U		0.0022	J		<0.0062	U		<0.0062	U		0.0011	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-50-10-020216	2/2/2016	<0.0065	U		<0.0068	U		<0.006	J	U	<0.006	U		0.0032	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-50-10-050316	5/3/2016	<0.0068	U		0.0015	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-50-10-082616	8/26/2016	<0.0068	U		0.0018	J		<0.0063	U		<0.0063	U		0.0074			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-50-10-103116	10/31/2016	<0.0071	U		0.0015	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
	20 ft	VMP-50-20-021015	2/10/2015	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-50-20-050515	5/5/2015	<0.0077	U		0.0017	J		<0.007	U		<0.007	U		0.0011	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-50-20-073015	7/30/2015	<0.0074	U		0.0018	J		<0.0068	U		<0.0068	U		0.0021	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-50-20-110315	11/3/2015	<0.0074	U		0.0023	J		0.014			0.0038	J		0.0012	J		<0.0035	U		0.022			0.01		
		VMP-50-20-020216	2/2/2016	<0.009	U		<0.0094	U		<0.0082	U		<0.0082	U		<0.0078	U		<0.0043	U		<0.0072	U		<0.0072	U	
		VMP-50-20-050316	5/3/2016	<0.0086	U		<0.009	U		<0.0079	U		<0.0079	U		0.0035	J		<0.0041	U		0.0012	J		<0.007	U	
		VMP-50-20-082616	8/26/2016	<0.0074	U		0.0019	J		<0.0067	U		<0.0067	U		0.0011	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-50-20-103116	10/31/2016	<0.0076	U		0.0019	J		<0.0069	U		<0.0069	U		<0.0066	J	U	<0.0036	U		<0.0061	U		<0.0061	U	
	30 ft	VMP-50-30-021015	2/10/2015	<1.7	U		<1.8	U		40			20			190			<0.8	U		420			140		
		VMP-50-30-050515	5/5/2015	<1.6	U		<1.6	U		91			39			140			<0.75	U		550			190		
		VMP-50-30-061515-R	6/15/2015	<0.74	U		<0.77	U		110			48			140			<0.35	U		630	E	J	250		
		VMP-50-30-073015	7/30/2015	<1	U		<1.1	U		130			56			96			<0.5	U		550			240		
		VMP-50-30-110315	11/3/2015	<0.072	U		<0.076	U		120			58			85			<0.034	U		280			150		
		VMP-50-30-020216	2/2/2016	<2.2	U		<2.3	U		180			95			94			<1	ND,UJ	UJ	190			98		
		VMP-50-30-020216-DUP	2/2/2016	<2.5	U		<2.6	U		200			100			100			<1.2	ND,UJ	UJ	210			100		
		VMP-50-30-050316	5/3/2016	<0.26	U		<0.27	U		230			120			79			<0.12	U		120			54		
		VMP-50-30-080216	8/2/2016	<0.076	U		<0.08	U		2.2			11			29			<0.036	U		6.8			5.5		
		VMP-50-30-103116	10/31/2016	<0.15	U		<0.16	U		15			29			45			<0.072	U		9.6			2.8		

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020315	2/3/2015	<0.0071	U		0.0012	J		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-51-5-042915	4/29/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0018	J		<0.0035	U		0.0017	J		<0.006	U	
		VMP-51-5-072115	7/21/2015	<0.007	U		0.0017	J		0.22			0.066			0.0036	J		<0.0033	U		0.3			0.19		
		VMP-51-5-102815	10/28/2015	<0.0081	U		<0.0085	U		0.0018	J		<0.0074	U		0.011			<0.0039	U		0.0025	J		<0.0066	U	
		VMP-51-5-012516	1/25/2016	<0.006	U		<0.0063	U		<0.0055	U		<0.0055	U		0.0098			<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-51-5-042816	4/28/2016	<0.0076	U		0.0017	J		<0.007	U		<0.007	U		0.0011	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-51-5-072716	7/27/2016	<0.0076	U		0.0022	J		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-51-5-101916	10/19/2016	<0.0076	U		0.0015	J		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
	10 ft	VMP-51-10-020315	2/3/2015	<0.0065	U		0.0012	J		<0.0059	J	U	<0.0059	U		0.0015	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-51-10-042915	4/29/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-51-10-072115	7/21/2015	<0.0081	U		0.0016	J		<0.0074	U		<0.0074	U		0.003	J		<0.0038	U		<0.0066	U		<0.0066	U	
		VMP-51-10-102815	10/28/2015	<0.0072	U		<0.0076	J	U	<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-51-10-012516	1/25/2016	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-51-10-042816	4/28/2016	<0.0074	U		<0.0077	U		0.0089			<0.0067	U		0.046			<0.0035	U		0.015			0.0056	J	
		VMP-51-10-042816-DUP	4/28/2016	<0.0076	U		<0.008	U		0.01			0.0029	J		0.04			<0.0036	U		0.014			0.0054	J	
		VMP-51-10-072716	7/27/2016	<0.0078	U		0.002	J		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-51-10-101916	10/19/2016	<0.0062	U		0.0019	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
	20 ft	VMP-51-20-020315	2/3/2015	<0.0068	U		0.0013	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-51-20-042915	4/29/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0034	J		<0.0032	U		0.002	J		<0.0055	U	
		VMP-51-20-072115	7/21/2015	<0.0096	U		0.0019	J		0.0045	J		0.0017	J		0.011			<0.0046	U		0.017			0.0073	J	
		VMP-51-20-102815	10/28/2015	<0.0068	U		<0.0071	J	U	<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-51-20-012516	1/25/2016	<0.0071	U		<0.0074	U		0.017			0.0025	J		0.03			<0.0034	U		0.0017	J		<0.0057	U	
		VMP-51-20-042816	4/28/2016	<0.0085	U		<0.0088	U		0.0026	J		<0.0077	U		<0.0074	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-51-20-052516-R	5/25/2016	<0.0074	U		<0.0077	U		<0.0068	J	U	<0.0068	U		0.0094			<0.0035	U		0.0075			0.0026	J	
		VMP-51-20-072716	7/27/2016	<0.0086	U		0.0017	J		<0.0079	U		<0.0079	U		<0.0075	U		<0.0041	U		<0.007	U		<0.007	U	
		VMP-51-20-101916-Dup	10/19/2016	<0.0069	U		0.0016	J		<0.0063	U		<0.0063	U		0.008			<0.0033	U		0.0033	J		<0.0056	U	
		VMP-51-20-101916	10/19/2016	<0.0067	U		0.0014	J		<0.0062	U		<0.0062	U		0.01			<0.0032	U		0.0028	J		<0.0054	U	
	30 ft	VMP-51-30-020315	2/3/2015	0.002	J		0.0012	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-51-30-020315-DUP	2/3/2015	<0.0071	U		0.001	J		0.0054	J		0.0015	J		<0.0062	U		<0.0034	U		0.003	J		0.0014	J	
		VMP-51-30-042915	4/29/2015	<0.0073	U		<0.0077	U		0.0018	J		0.00078	J		0.0081			<0.0035	U		0.0073			0.0026	J	
		VMP-51-30-042915-DUP	4/29/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0075			<0.0034	U		0.0059			0.0014	J	
		VMP-51-30-072115	7/21/2015	<0.0068	U		0.0021	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-51-30-102815	10/28/2015	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-51-30-012516	1/25/2016	<0.0073	U		0.0018	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-51-30-012516-DUP	1/25/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-51-30-042816	4/28/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.013			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-51-30-072716	7/27/2016	<0.0072	U		0.0021	J		<0.0066	U		<0.0066	U		0.0066			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-51-30-072716-DUP	7/27/2016	<0.0071	U		0.002	J		<0.0065	U		<0.0065	U		0.0062			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-51-30-101916	10/19/2016	<0.0074	U		0.002	J		<0.0068	U		<0.0068	U		<0.0065	U		<0.0035	U		0.0041	J		0.0015	J	
VMP-52	5 ft	VMP-52-5-020415	2/4/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-52-5-042915	4/29/2015	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0064	U		<0.0064	U	
		VMP-52-5-072715	7/27/2015	<0.0079	U		0.0024	J		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		0.0013	J		<0.0064	U	
		VMP-52-5-102915	10/29/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-52-5-012516	1/25/2016	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		0.0017	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-52-5-042516	4/25/2016	<0.0066	U		0.0016	J		<0.0061	U		<0.0061	U		0.0012	J		<0.0032	U		0.0053	J		0.0028	J	
		VMP-52-5-072716	7/27/2016	<0.0079	U		0.0023	J		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-52-5-102716	10/27/2016	<0.0066	U		0.0014	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
	10 ft	VMP-52-10-020415	2/4/2015	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-52-10-042915	4/29/2015	<0.0088	U		<0.0092	U		<0.0081	U		<0.0081	U		0.002	J		<0.0042	U		<0.0071	U		<0.0071	U	
		VMP-52-10-072715	7/27/2015	<0.0072	U		0.0021	J		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-52-10-102915	10/29/2015	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		0.0074		J	<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-52-10-012516	1/25/2016	<0.0068	U		0.0023	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-52-10-042516	4/25/2016	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-52-10-072716	7/27/2016	<0.0084	U		0.0025	J		<0.0077	U		<0.0077	U		0.0036	J		<0.004	U		0.0066	J		0.0017	J	
		VMP-52-10-102716	10/27/2016	<0.0074	U		0.0019	J		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
	20 ft	VMP-52-20-020415	2/4/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.00049	J		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-52-20-042915	4/29/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-52-20-072715	7/27/2015	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-52-20-102915	10/29/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0014	J	J	<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-52-20-012516	1/25/2016	<0.0074	U		<0.0078	U		<0.0068	J	U	<0.0068	U		0.02			<0.0035	U		<0.006	U		<0.006	U	
		VMP-52-20-042516	4/25/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-52-20-072716	7/27/2016	<0.0088	U		<0.0092	U		<0.0081	U		<0.0081	U		0.014			<0.0042	U		<0.0071	U		<0.0071	U	
		VMP-52-20-102716	10/27/2016	<0.0068	U		0.0016	J		<0.0062	U		<0.0062	U		<0.0059	J	U	<0.0032	U		0.0032	J		<0.0055	U	
	30 ft	VMP-52-30-020415	2/4/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.005	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-52-30-020415-DUP	2/4/2015	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		0.0047	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-52-30-042915	4/29/2015	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.0032	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-52-30-072715	7/27/2015	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-52-30-102915	10/29/2015	<0.0068	U		0.0019	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.0012	J		<0.0055	U	
		VMP-52-30-020216-R	2/2/2016	<0.0078	U		0.0015	J		<0.0071	U		<0.0071	U		0.0014	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-52-30-042516	4/25/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-52-30-072716	7/27/2016	<0.0089	U		<0.0093	U		<0.0081	U		<0.0081	U		<0.0077	U		<0.0042	U		<0.0072	U		<0.0072	U	
		VMP-52-30-102716	10/27/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0022	J		<0.0038	U		0.004	J		<0.0064	U	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	5 ft	VMP-53-5-020415	2/4/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-53-5-050415	5/4/2015	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		0.0017	J		<0.0038	U		0.0025	J		<0.0064	U	
		VMP-53-5-072415	7/24/2015	<0.0083	U		<0.0086	U		<0.0076	U		<0.0076	U		0.00065	J		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-53-5-102815	10/28/2015	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-53-5-012816	1/28/2016	<0.0072	U		<0.0076	U		0.0088			0.0016	J		0.0056	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-53-5-042816	4/28/2016	<0.0067	U		<0.007	U		0.0015	J		<0.0061	U		0.0018	J		<0.0032	U		0.0024	J		0.0012	J	
		VMP-53-5-072916	7/29/2016	<0.0085	U		<0.0088	U		<0.0077	U		<0.0077	U		0.025			<0.004	U		<0.0068	U		<0.0068	U	
		VMP-53-5-102516	10/25/2016	<0.0073	U		0.0014	J		<0.0067	U		<0.0067	U		0.0065			<0.0035	U		0.0048	J		0.0019	J	
		VMP-53-5-120916	12/9/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
	10 ft	VMP-53-10-020415	2/4/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-53-10-050415	5/4/2015	<0.0067	U		0.0014	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-53-10-072415	7/24/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.087			<0.0035	U		<0.006	U		<0.006	U	
		VMP-53-10-102815	10/28/2015	<0.0069	U		<0.0072	J	U	<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-53-10-012816	1/28/2016	<0.0085	U		<0.0089	U		<0.0078	U		<0.0078	U		<0.0074	U		<0.004	U		<0.0069	U		<0.0069	U	
		VMP-53-10-042816	4/28/2016	<0.0077	U		<0.008	U		0.0017	J		<0.007	U		0.054			<0.0036	U		0.022			0.0066		
		VMP-53-10-082616	8/26/2016	<0.0067	U		0.0017	J		<0.0062	U		<0.0062	U		0.0021	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-53-10-102516	10/25/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0014	J		<0.0035	U		0.0046	J		0.0011	J	
		VMP-53-10-120916	12/9/2016	<0.0068	U		<0.0072	U		0.002	J		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
	20 ft	VMP-53-20-020415	2/4/2015	<0.015	U		<0.016	U		<0.014	U		<0.014	U		<0.013	U		<0.0071	U		<0.012	U		<0.012	U	
		VMP-53-20-050415	5/4/2015	<0.0074	U		0.0014	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-53-20-072415	7/24/2015	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-53-20-102815	10/28/2015	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-53-20-021616	2/16/2016	<0.0086	U		0.002	J		<0.0079	U		<0.0079	U		<0.0075	U		<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-53-20-042816	4/28/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-53-20-072916	7/29/2016	<0.0082	U		0.0022	J		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-53-20-102516	10/25/2016	<0.013	U		<0.013	U		<0.012	U		<0.012	U		<0.011	U		<0.006	U		<0.01	U		<0.01	U	
		VMP-53-20-120916	12/9/2016	<0.0068	U		0.0017	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
	30 ft	VMP-53-30-020415	2/4/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-53-30-050415	5/4/2015	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-53-30-072415	7/24/2015	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-53-30-102815	10/28/2015	<0.008	U		<0.0083	U		0.0015	J		<0.0073	U		0.0083			<0.0038	U		0.0044	J		0.002	J	
		VMP-53-30-012816	1/28/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.0011	J		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-53-30-042816	4/28/2016	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		<0.0072	U		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-53-30-052516-R	5/25/2016	<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-53-30-072916	7/29/2016	<0.0058	U		0.0014	J		<0.0053	U		<0.0053	U		0.0025	J		<0.0028	U		0.0012	J		<0.0047	U	
		VMP-53-30-102516	10/25/2016	<0.013	U		<0.014	U		<0.012	U		<0.012	U		<0.012	U		<0.0064	U		0.0087	J		0.0031	J	
		VMP-53-30-120916	12/9/2016	<0.0077	U		0.0015	J		<0.007	U		<0.007	U		0.0098	J0	J	<0.0036	U		<0.0062	U		<0.0062	U	
VMP-54	5 ft	VMP-54-5-020515	2/5/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-54-5-050415	5/4/2015	<0.0069	U		0.0015	J		<0.0063	U		<0.0063	U		0.00082	J		<0.0033	U		0.0012	J		<0.0056	U	
		VMP-54-5-072415	7/24/2015	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		0.0023	J		<0.004	U		0.0036	J		<0.0068	U	
		VMP-54-5-102715	10/27/2015	<0.0063	U		<0.0065	J	U	<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-54-5-012816	1/28/2016	<0.0077	U		0.0019	J		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-54-5-042916	4/29/2016	<0.0066	U		0.0013	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-54-5-080116	8/1/2016	<0.0074	U		0.0021	J		<0.0068	U		<0.0068	U		0.0052	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-54-5-102816	10/28/2016	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		0.0027	J		<0.0054	U	
	10 ft	VMP-54-10-020515	2/5/2015	<0.0078	U		<0.0081	U		<0.0071	J	U	<0.0071	U		0.0018	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-54-10-050415	5/4/2015	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0039	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-54-10-072415	7/24/2015	<0.0088	U		<0.0092	U		<0.0081	U		<0.0081	U		0.0014	J		<0.0042	U		<0.0071	U		<0.0071	U	
		VMP-54-10-102715	10/27/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-54-10-012816	1/28/2016	<0.0076	U		<0.008	U		0.006	J		<0.007	U		0.0042	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-54-10-042916	4/29/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.053			<0.0037	U		0.021			0.0059	J	
		VMP-54-10-080116	8/1/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0011	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-54-10-102816	10/28/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0035	U		<0.006	U		<0.006	U	
	20 ft	VMP-54-20-020515	2/5/2015	<0.0063	U		<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-54-20-050415	5/4/2015	<0.0076	U		0.0016	J		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		0.001	J		<0.0062	U	
		VMP-54-20-072415	7/24/2015	<0.0082	U		<0.0085	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-54-20-102715	10/27/2015	<0.0063	U		<0.0065	J	U	<0.0057	U		<0.0057	U		0.0042	J		<0.003	U		0.0011	J		<0.005	U	
		VMP-54-20-102715-DUP	10/27/2015	<0.0063	U		<0.0065	J	U	<0.0057	U		<0.0057	U		0.0039	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-54-20-012816	1/28/2016	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		0.0034	J		<0.0038	U		0.0033	J		<0.0065	U	
		VMP-54-20-050516	5/5/2016	<0.0069	U		<0.0072	U		0.0019	J		<0.0063	U		0.01			<0.0033	U		0.0039	J		0.0011	J	
		VMP-54-20-050516-DUP	5/5/2016	<0.0076	U		<0.0079	U		0.0022	J		<0.0069	U		0.012			<0.0036	U		0.0043	J		0.0017	J	
		VMP-54-20-080116	8/1/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0012	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-54-20-102816	10/28/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	J	U	<0.0034	U		<0.0059	U		<0.0059	U	
	30 ft	VMP-54-30-021215	2/12/2015	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.0026	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-54-30-050415	5/4/2015	<0.0078	U		0.0018	J		<0.0071	U		<0.0071	U		0.0013	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-54-30-080315	8/3/2015	<0.0083	U		0.0031	J		<0.0076	U		<0.0076	U		<0.0072	U		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-54-30-102715	10/27/2015	<0.0064	U		<0.0067	J	U	<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		0.0027	J		0.00095	J	
		VMP-54-30-012816	1/28/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-54-30-042916	4/29/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-54-30-042916-DUP	4/29/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-54-30-080116	8/1/2016	<0.0072	U		0.0014	J		<0.0066	J	U	<0.0066	U		0.0014	J		<0.0034	U		0.0059			0.0028	J	
		VMP-54-30-102816	10/28/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-020515	2/5/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0063			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-55-5-050615	5/6/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0022	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-55-5-110215	11/2/2015	<0.05	U		<0.053	U		0.23			0.041	J		1.1			<0.024	U		0.07			0.034	J	
		VMP-55-5-020416	2/4/2016	<0.071	U		<0.074	U		<0.065	U		<0.065	U		0.071			<0.034	ND,UJ	UJ	<0.057	U		<0.057	U	
		VMP-55-5-082616	8/26/2016	0.00079	J		<0.0086	U		<0.0075	U		<0.0075	U		0.011			<0.0039	U		0.003	J		0.0014	J	
	20 ft	VMP-55-20-020515	2/5/2015	0.3	J		<0.72	U		0.54	J		0.14	J		230			<0.33	U		0.17	J		0.13	J	
		VMP-55-20-050615	5/6/2015	<4.5	U		<4.7	U		<4.2	U		<4.2	U		490			<2.2	U		<3.7	U		<3.7	U	
		VMP-55-20-072915	7/29/2015	<0.073	U		<0.077	U		<0.067	U		<0.067	U		17			<0.035	U		<0.059	U		<0.059	U	
		VMP-55-20-072915-DUP	7/29/2015	<0.078	U		<0.081	U		<0.071	U		<0.071	U		17			<0.037	U		<0.063	U		<0.063	U	
		VMP-55-20-110215	11/2/2015	<2.1	U		<2.2	U		<2	U		<2	U		310			<1	U		<1.7	U		<1.7	U	
		VMP-55-20-020416	2/4/2016	<0.71	U		<0.74	U		<0.65	U		<0.65	U		230		J	<0.34	U		<0.58	U		<0.58	U	
		VMP-55-20-020416-DUP	2/4/2016	<0.64	U		<0.67	U		<0.59	U		<0.59	U		230			<0.3	U		<0.52	U		<0.52	U	
		VMP-55-20-050416	5/4/2016	<0.98	U		<1	U		<0.89	U		<0.89	U		280		J	<0.46	U		<0.79	U		<0.79	U	
		VMP-55-20-080316	8/3/2016	<0.5	U		<0.52	U		<0.46	U		<0.46	U		260		J	<0.24	U		<0.4	U		<0.4	U	
		VMP-55-20-110116	11/1/2016	<0.74	U		<0.78	U		<0.68	U		<0.68	U		140			<0.35	U		0.24	J		<0.6	U	
	30 ft	VMP-55-30-030915	3/9/2015	<1.8	U		<1.9	U		<1.7	U		<1.7	U		340			<0.88	U		<1.5	U		<1.5	U	
		VMP-55-30-050615	5/6/2015	<6.3	U		<6.6	U		<5.8	U		<5.8	U		590			<3	U		2.1	J		<5.1	U	
		VMP-55-30-050615-DUP	5/6/2015	<6.4	U		<6.6	U		<5.8	U		<5.8	U		600			<3	U		<5.1	U		<5.1	U	
		VMP-55-30-061515-Dup-R	6/15/2015	<0.085	U		<0.088	U		0.033	J		<0.077	U		44			<0.04	U		0.21			0.047	J	
		VMP-55-30-061515-R	6/15/2015	<0.068	U		<0.072	U		<0.063	U		<0.063	U		46			<0.032	U		0.2			0.043	J	
VMP-56	10 ft	VMP-56-10-021015	2/10/2015	<0.0069	U		<0.0072	U		<0.0063	J	U	<0.0063	U		<0.006	U		<0.0033	U		<0.0056	J	U	0.0025	J	
		VMP-56-10-110315	11/3/2015	<0.0068	U		0.0019	J		<0.0062	U		<0.0062	U		0.0011	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-56-10-020416	2/4/2016	<0.0069	U		<0.0072	U		0.0049	J		<0.0063	U		0.0035	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-56-10-050516	5/5/2016	<0.0076	U		<0.0079	U		0.0093			0.0016	J		0.0028	J		<0.0036	U		0.0041	J		0.002	J	
		VMP-56-10-072716	7/27/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.00064	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-56-10-102416	10/24/2016	<0.0071	U		<0.0074	U		0.0025	J		0.001	J		0.0031	J		<0.0034	U		0.049			0.015		
	25 ft	VMP-56-25-021015	2/10/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-56-25-050715	5/7/2015	<0.0076	U		<0.008	U		<0.007	J	U	<0.007	U		0.006	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-56-25-073115	7/31/2015	<0.008	U		<0.0083	U		0.01			0.0026	J		0.0034	J		<0.0038	U		0.007			0.002	J	
		VMP-56-25-110315	11/3/2015	<0.0069	U		0.0022	J		<0.0063	U		<0.0063	U		0.013			<0.0033	U		0.0042	J		<0.0056	U	
		VMP-56-25-020416	2/4/2016	<0.0068	U		<0.0071	U		0.00078	J		<0.0062	U		0.044			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-56-25-050516	5/5/2016	<0.0078	U		<0.0082	U		0.0063	J		<0.0072	U		0.013			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-56-25-050516-DUP	5/5/2016	<0.0081	U		<0.0084	U		0.0062	J		<0.0074	U		0.013			<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-56-25-072716	7/27/2016	<0.0089	U		<0.0093	U		<0.0081	U		<0.0081	U		0.0015	J		<0.0042	U		<0.0072	U		<0.0072	U	
		VMP-56-25-102416	10/24/2016	<0.0069	U		0.0016	J		0.0023	J		0.00077	J		0.00072	J		<0.0033	U		0.082			0.021		
	38.5 ft	VMP-56-38.5-021015	2/10/2015	<7.2	U		<7.5	U		14			6.6			5200			<3.4	U		1100			280		
		VMP-56-38.5-050715	5/7/2015	<82	U		<86	U		110			38	J		6600			<39	U		1000			270		
		VMP-56-38.5-061515-R	6/15/2015	<7.9	U		<8.3	U		39			20			5800			<3.8	U		690			170		
		VMP-56-38.5-073115	7/31/2015	<6.9	U		<7.2	U		350			110			3100			<3.3	U		1100			370		
		VMP-56-38.5-073115-DUP	7/31/2015	<26	U		<27	U		360			120			3100			<12	U		1000			350		
		VMP-56-38.5-110315	11/3/2015	<8.1	U		<8.5	U		160		J	59			6100			<3.9	U		1800		J	540		J
		VMP-56-38.5-110315-DUP	11/3/2015	<59	U		<62	U		31	J	J	18	J		5600			<28	U		910		J	250		J
		VMP-56-38.5-020416	2/4/2016	<45	U		<47	U		<42	U		3.6	J		4400			<22	U		480			110		
VMP-62	5 ft	VMP-62-5-020315	2/3/2015	<0.0065	U		0.00094	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-62-5-042815	4/28/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0011	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-62-5-072415	7/24/2015	<0.0079	U		<0.0083	U		<0.0072	U		<0.0072	U		0.0049	J		<0.0038	U		0.0018	J		<0.0064	U	
		VMP-62-5-102015	10/20/2015	<0.0059	U		0.002	J		0.0012	J		<0.0054	U		0.0013	J		<0.0028	U		0.002	J		<0.0048	U	
		VMP-62-5-012816	1/28/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-62-5-042516	4/25/2016	<0.0065	U		0.0021	J		<0.0059	U		<0.0059	U		<0.0056	J	U	<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-62-5-072616	7/26/2016	<0.0081	U		0.0015	J		<0.0074	U		<0.0074	U		0.0017	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-62-5-102416	10/24/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0028	J		<0.0033	U		0.0033	J		<0.0056	U	
	10 ft	VMP-62-10-020315	2/3/2015	<0.0069	U		0.001	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-62-10-042815	4/28/2015	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-62-10-072415	7/24/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-62-10-102015	10/20/2015	<0.0074	U		0.0018	J		<0.0068	U		<0.0068	U		0.014			<0.0035	U		0.0027	J		<0.006	U	
		VMP-62-10-012816	1/28/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.013			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-62-10-042516	4/25/2016	<0.0082	U		0.0014	J		<0.0075	U		<0.0075	U		<0.0072	J	U	<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-62-10-072616	7/26/2016	0.0039	J		<0.0088	U		<0.0077	U		<0.0077	U		<0.0074	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-62-10-102416	10/24/2016	<0.0058	U		0.0012	J		0.00084	J		0.00047	J		0.0046	J		<0.0028	U		0.017			0.0051		
	20 ft	VMP-62-20-020315	2/3/2015	<0.008	U		0.00095	J		0.0026	J		0.0013	J		0.0025	J		<0.0038	U		0.0055	J		0.0024	J	
		VMP-62-20-042815	4/28/2015	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0035	J		<0.0036	U		0.0011	J		<0.0061	U	
		VMP-62-20-072415	7/24/2015	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.00069	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-62-20-102015	10/20/2015	<0.0067	U		0.0017	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-62-20-012816	1/28/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-62-20-042516	4/25/2016	<0.0068	U		0.0012	J		<0.0062	U		<0.0062	U		<0.0059	J	U	<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-62-20-072616	7/26/2016	0.0034	J		0.0016	J		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-62-20-102416	10/24/2016	<0.0063	U		0.0015	J		0.00097	J		<0.0057	U		0.00089	J		<0.003	U		0.018			0.0045	J	

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	30 ft	VMP-62-30-020315	2/3/2015	<0.0071	U		0.001	J		<0.0065	U		<0.0065	U		0.017			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-62-30-042815	4/28/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-62-30-072415	7/24/2015	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-62-30-102015	10/20/2015	<0.0071	U		<0.0074	U		0.0045	J		0.0013	J		0.0011	J		<0.0034	U		0.0042	J		<0.0057	U	
		VMP-62-30-012816	1/28/2016	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		0.0056	J		<0.0037	U		0.0017	J		<0.0063	U	
		VMP-62-30-012816-DUP	1/28/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0056	J		<0.0032	U		0.0014	J		<0.0055	U	
		VMP-62-30-042516	4/25/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	J	U	<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-62-30-072616	7/26/2016	0.021			0.0018	J		0.0042	J		<0.0072	U		0.015			<0.0037	U		0.01			0.0037	J	
		VMP-62-30-072616-DUP	7/26/2016	0.018			<0.0082	U		0.0057	J		<0.0072	U		0.014			<0.0037	U		0.0099			0.0031	J	
		VMP-62-30-102416	10/24/2016	<0.0067	U		0.0017	J		<0.0061	U		<0.0061	U		0.0011	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-62-30-102416-Dup	10/24/2016	<0.0064	U		0.0018	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
VMP-63	5 ft	VMP-63-5-020315	2/3/2015	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.021			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-63-5-042815	4/28/2015	<0.0079	U		<0.0083	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0038	U		0.0028	J		0.0015	J	
		VMP-63-5-072415	7/24/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-63-5-102615	10/26/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		0.003	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-63-5-012816	1/28/2016	<0.0071	U		0.0016	J		<0.0065	U		<0.0065	U		0.016			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-63-5-042616	4/26/2016	<0.0076	U		<0.0079	U		0.0026	J		<0.0069	U		0.16			<0.0036	U		0.051			0.016		
		VMP-63-5-072516	7/25/2016	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		0.01			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-63-5-102416	10/24/2016	<0.0069	U		<0.0072	U		0.0019	J		<0.0063	J	U	<0.006	U		<0.0033	U		0.072			0.019		
	10 ft	VMP-63-10-020315	2/3/2015	<0.0066	U		<0.0068	U		<0.006	J	U	<0.006	U		0.0025	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-63-10-042815	4/28/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0092			<0.0035	U		0.0033	J		0.0012	J	
		VMP-63-10-072415	7/24/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-63-10-102615	10/26/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-63-10-012816	1/28/2016	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0036	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-63-10-042616	4/26/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0047	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-63-10-072516	7/25/2016	<0.0076	U		0.0013	J		<0.0069	U		<0.0069	U		0.0042	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-63-10-102416	10/24/2016	<0.0071	U		0.0014	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.0028	J		<0.0057	U	
	20 ft	VMP-63-20-020315	2/3/2015	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		0.029			<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-63-20-020315-DUP	2/3/2015	<0.0064	U		<0.0067	U		<0.0059	U		<0.0059	U		0.028			<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-63-20-042815	4/28/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		0.0028	J		<0.0056	U	
		VMP-63-20-072415	7/24/2015	<0.0069	U		<0.0072	U		0.0025	J		<0.0063	U		0.061			<0.0033	U		0.0043	J		0.0015	J	
		VMP-63-20-102615	10/26/2015	<0.0066	U		<0.0069	U		0.015		J	0.0032	J		0.0076			<0.0032	U		0.019			0.011		
		VMP-63-20-012816	1/28/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-63-20-042616	4/26/2016	<0.0081	U		<0.0085	U		0.0026	J		0.001	J		0.0037	J		<0.0039	U		0.0028	J		0.0013	J	
		VMP-63-20-042616-DUP	4/26/2016	<0.0074	U		<0.0078	U		0.0052	J		0.0013	J		0.0025	J		<0.0035	U		0.0053	J		0.0015	J	
		VMP-63-20-072516	7/25/2016	<0.0076	U		0.0015	J		<0.0069	U		<0.0069	U		0.0037	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-63-20-102416	10/24/2016	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		0.0084			<0.0039	U		0.023			0.0063	J	
	30 ft	VMP-63-30-020315	2/3/2015	<0.0068	U		<0.0071	U		0.0015	J		<0.0062	U		0.0014	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-63-30-042815	4/28/2015	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-63-30-072415	7/24/2015	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-63-30-102615	10/26/2015	<0.006	U		<0.0063	J	U	<0.0055	J	UJ	<0.0055	U		0.0019	J		<0.0029	U		0.0017	J		<0.0049	U	
		VMP-63-30-102615-DUP	10/26/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		0.0024	J		<0.0034	U		0.0018	J		<0.0057	U	
		VMP-63-30-012816	1/28/2016	<0.007	U		0.0018	J		0.0014	J		<0.0064	U		0.0078			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-63-30-042616	4/26/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-63-30-072516	7/25/2016	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		0.011			<0.0039	U		0.0014	J		<0.0066	U	
		VMP-63-30-072516-DUP	7/25/2016	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		0.012			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-63-30-102416	10/24/2016	<0.0067	U		0.0014	J		0.0016	J		<0.0062	J	U	<0.0059	U		<0.0032	U		0.063			0.015		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-4
SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-020315	2/3/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-64-5-042815	4/28/2015	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-64-5-072415	7/24/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-64-5-102615	10/26/2015	<0.0064	U		<0.0067	U		<0.0058	J	U	<0.0058	U		0.00087	J		<0.003	U		0.0011	J		<0.0052	U	
		VMP-64-5-012816	1/28/2016	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0011	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-64-5-042616	4/26/2016	<0.0086	U		<0.009	U		<0.0078	U		<0.0078	U		<0.0074	U		<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-64-5-080216	8/2/2016	<0.0073	U		<0.0077	U		0.0028	J		<0.0067	U		0.0033	J		<0.0035	U		0.0017	J		<0.0059	U	
		VMP-64-5-080216-DUP	8/2/2016	<0.008	U		0.0015	J		<0.0073	U		<0.0073	U		0.0015	J		<0.0038	U		0.002	J		<0.0065	U	
		VMP-64-5-102416	10/24/2016	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.0029	J		<0.0031	U		<0.0052	U		<0.0052	U	
	10 ft	VMP-64-10-020315	2/3/2015	<0.0078	U		<0.0081	U		0.002	J		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-64-10-042815	4/28/2015	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-64-10-072415	7/24/2015	<0.0067	U		<0.007	U		0.00078	J		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-64-10-102615	10/26/2015	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.00068	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-64-10-012816	1/28/2016	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-64-10-042616	4/26/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-64-10-072216	7/22/2016	<0.0058	U		0.0017	J		<0.0053	U		<0.0053	U		0.00098	J		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-64-10-102416	10/24/2016	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
	20 ft	VMP-64-20-020315	2/3/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.0044	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-64-20-042815	4/28/2015	<0.0079	U		<0.0083	U		0.0076			0.0021	J		<0.0069	U		<0.0038	U		0.0029	J		0.0017	J	
		VMP-64-20-072415	7/24/2015	<0.0074	U		<0.0078	J	U	<0.0068	U		<0.0068	U		0.0018	J		<0.0035	U		0.0016	J		<0.006	U	
		VMP-64-20-102615	10/26/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.00087	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-64-20-012816	1/28/2016	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.014			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-64-20-042616	4/26/2016	<0.0074	U		<0.0078	U		0.011			0.0022	J		0.07			<0.0035	U		0.019			0.0063		
		VMP-64-20-042616-DUP	4/26/2016	<0.0072	U		<0.0076	U		0.01			0.002	J		0.078			<0.0034	U		0.019			0.0065		
		VMP-64-20-072216	7/22/2016	<0.0069	U		0.0023	J		<0.0063	U		<0.0063	U		0.0023	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-64-20-072216-DUP	7/22/2016	<0.0076	U		0.0013	J		<0.007	U		<0.007	U		0.0051	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-64-20-102416	10/24/2016	0.002	J		0.0013	J		<0.0056	U		<0.0056	U		0.0029	J		<0.0029	U		0.0017	J		<0.005	U	
		VMP-64-20-102416-Dup	10/24/2016	<0.0069	U		0.0012	J		<0.0063	U		<0.0063	U		0.0024	J		<0.0033	U		<0.0056	U		<0.0056	U	

Notes:
Blank result cells indicate no data available.
Yellow highlighted cells indicate readings that exceed residential screening criterion.
* = Analytical results indicate anomalous readings compared to previous results. VMP location resampled to verify results from the laboratory.

AECOM Qualifiers
J = Estimated detection
UJ = Estimated non-detect
U = Non-detect due to blank contamination
ND, UJ = Non-detected compound associated with low bias in the continuing cal bration verification

Lab Qualifiers
J = Estimated value; results between the MDL and RL
U = Compound analyzed for but not detected above the RL

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5-020915	2/9/2015	0.16			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000052	J		80			20		
		VMP-1-5-050515	5/5/2015	0.23			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-1-5-073015	7/30/2015	0.7			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			19		
		VMP-1-5-110315	11/3/2015	0.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-1-5-020316	2/3/2016	0.15			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-1-5-050316	5/3/2016	0.25			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000087	J		79			21		
		VMP-1-5-072516	7/25/2016	1.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.000096	J		81			18		
		VMP-1-5-102816	10/28/2016	0.59			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	8.5 ft	VMP-1-8-020915	2/9/2015	0.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.000052	J		79			21		
		VMP-1-8.5-050515	5/5/2015	0.27			<0.028	U		<0.0028	U		<0.0028	U		0.022	J		<0.00028	U		79			21		
		VMP-1-8.5-073015	7/30/2015	0.62			<0.027	U		<0.0027	U		<0.0027	U		0.028	J		<0.00027	U		79			20		
		VMP-1-8.5-110315	11/3/2015	0.23			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-1-8.5-020316	2/3/2016	0.095			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-1-8.5-050316	5/3/2016	0.19			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-1-8.5-072516	7/25/2016	0.52			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		82			17		
		VMP-1-8.5-102816	10/28/2016	0.29			<0.029	U		<0.0029	U		<0.0029	U		0.014	J		<0.00029	U		79			21		
	23.5 ft	VMP-1-23.5-020915	2/9/2015	0.14			<0.033	U		<0.0033	U		<0.0033	U		<0.16	U		0.000057	J		79			21		
		VMP-1-23.5-050515	5/5/2015	0.35			<0.025	U		<0.0025	U		<0.0025	U		0.028	J		<0.00025	U		79			21		
		VMP-1-23.5-073015	7/30/2015	0.65			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		79			20		
		VMP-1-23.5-110315	11/3/2015	0.23			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-1-23.5-020316	2/3/2016	0.11			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			21		
		VMP-1-23.5-050316	5/3/2016	0.26			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			20		
		VMP-1-23.5-050316-DUP	5/3/2016	0.26			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-1-23.5-072516	7/25/2016	1.1			<0.026	U		<0.0026	U		<0.0026	U		0.0058	J		<0.00026	U		80			19		
		VMP-1-23.5-072516-DUP	7/25/2016	1.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP1-23.5-102816	10/28/2016	0.049			<0.032	U		<0.0032	U		<0.0032	U		0.013	J		0.00019	J		79			21		
	38.5 ft	VMP-1-38.5-020915	2/9/2015	8.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00067			83			8.6		
		VMP-1-38.5-020915-DUP	2/9/2015	8.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00057			83			8.6		
		VMP-1-38.5-050515	5/5/2015	7.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.05			82			10		
		VMP-1-38.5-061515-R	6/15/2015	7.2			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.0057			82			11		
		VMP-1-38.5-073015	7/30/2015	4.4			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		81			15		
VMP-2	5 ft	VMP-2-5-021015	2/10/2015	0.22			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000043	J		79			21		
		VMP-2-5-050615	5/6/2015	0.12			<0.029	U		<0.0029	U		<0.0029	U		0.18			0.00012	J		80			20		
		VMP-2-5-110415	11/4/2015	0.47			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00015	J		78			21		
		VMP-2-5-020116	2/1/2016	0.13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00015	J		78			22		
		VMP-2-5-042716	4/27/2016	0.63			<0.031	U		<0.0031	U		<0.0031	U		<0.16	J	U	0.00012	J		79			20		
		VMP-2-5-072616	7/26/2016	6.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			13		
		VMP-2-5-102616	10/26/2016	4.3			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			17		
	8.5 ft	VMP-2-8.5-021015	2/10/2015	0.41			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.000061	J		78			21		
		VMP-2-8.5-050615	5/6/2015	0.17			<0.028	U		<0.0028	U		<0.0028	U		0.61			0.000094	J		79			20		
		VMP-2-8.5-110415	11/4/2015	0.65			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			21		
		VMP-2-8.5-021616	2/16/2016	0.17			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		80			20		
		VMP-2-8.5-042716	4/27/2016	0.34			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		80			20		
		VMP-2-8.5-072616	7/26/2016	2.3			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		81			17		
		VMP-2-8.5-102616	10/26/2016	3.7			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			17		
	22 ft	VMP-2-22-021015	2/10/2015	0.29			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000092	J		79			21		
		VMP-2-22-021015-DUP	2/10/2015	0.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00009	J		79			21		
		VMP-2-22-050615	5/6/2015	0.46			<0.03	U		<0.003	U		<0.003	U		0.033	J		0.00005	J		80			19		
		VMP-2-22-073015	7/30/2015	1.6			<0.026	U		<0.0026	U		<0.0026	U		1			<0.00026	U		78			19		
		VMP-2-22-110415	11/4/2015	0.52			<0.027	U		<0.0027	U		<0.0027	U		0.54			<0.00027	U		78			21		
		VMP-2-22-020116	2/1/2016	0.33			<0.028	U		<0.0028	U		<0.0028	U		0.066	J		<0.00028	U		79			21		
		VMP-2-22-020116-DUP	2/1/2016	0.34			<0.029	U		<0.0029	U		<0.0029	U		0.071	J		<0.00029	U		79			21		
		VMP-2-22-042716	4/27/2016	0.39			<0.032	U		<0.0032	U		<0.0032	U		0.017	J		<0.00032	U		80			20		
		VMP-2-22-072616	7/26/2016	2.2			<0.028	U		<0.0028	U		<0.0028	U		0.04	J		<0.00028	U		80			18		
		VMP-2-22-102616	10/26/2016	3.3			<0.027	U		<0.0027	U		<0.0027	U		0.0074	J		<0.00027	U		80			17		
	42 ft	VMP-2-42-021015	2/10/2015	7.6			<0.024	U		0.01			<0.0024	U		<0.12	U		25			59			4.4		
		VMP-2-42-050615	5/6/2015	8.2			<0.027	U		0.011			<0.0027	U		0.049	J		33			52			1.9		
		VMP-2-42-061515-R	6/15/2015	6.8			<0.027	U		0.021			<0.0027	U		<0.14	U		53			30			1.8		
		VMP-2-42-073015	7/30/2015	7.1			<0.026	U		0.016			<0.0026	U		0.017	J		39			45			3.5		
VMP-3	5 ft	VMP-3-5-020915	2/9/2015	0.16			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		0.000078	J		80			20		
		VMP-3-5-050415	5/4/2015	0.46			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-3-5-072915	7/29/2015	0.6			<0.026	U		<0.0026	U		<0.0026	U		0.017	J		0.00016	J		79			20		
		VMP-3-5-110515	11/5/2015	0.054			<0.022	U		<0.0022	U		<0.0022	U		0.017	J		0.00015	J		79			21		
		VMP-3-5-021616	2/16/2016	0.05			<0.023	U		<0.0023	U		<0.0023	U		0.19			0.00026			79			21		
		VMP-3-5-042716	4/27/2016	0.15			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00029			80			20		
		VMP-3-5-080116	8/1/2016	0.075			<0.039	U		<0.0039	U		<0.0039	U		2.2			0.00022	J		78			20		
		VMP-3-5-102616	10/26/2016	0.054			<0.028	U		<0.0028	U		<0.0028	U		0.034	J		0.00016	J		79			21		
	10 ft	VMP-3-10-020915	2/9/2015	0.14			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0002	J		79			21		
		VMP-3-10-050415	5/4/2015	0.36			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			20		
		VMP-3-10-072915	7/29/2015	0.74			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00027			79			20		
		VMP-3-10-110315	11/3/2015	0.18			<0.028	U		<0.0028	U		<0.0028	U		0.17			<0.00028	U		79			21		
		VMP-3-10-021616	2/16/2016	0.13			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			22		
		VMP-3-10-042716	4/27/2016	0.26			<0.03	U		<0.003	U		<0.003	U		0.0085	J		0.00041			80			20		
		VMP-3-10-080216	8/2/2016	0.12			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0002	J		80			20		
		VMP-3-10-102616	10/26/2016	0.085			<0.031	U		<0.0031	U		<0.0031	U		0.078	J		0.00017	J		80			20		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-3	22 ft	VMP-3-22-020915	2/9/2015	0.54			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00002	J		79			20		
		VMP-3-22-050815	5/8/2015	0.093			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0002	J		80			20		
		VMP-3-22-072915	7/29/2015	0.8			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		78			21		
		VMP-3-22-110315	11/3/2015	0.75			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-3-22-021616	2/16/2016	0.75			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			21		
		VMP-3-22-042716	4/27/2016	0.41			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			20		
		VMP-3-22-080116	8/1/2016	0.88			<0.035	U		<0.0035	U		<0.0035	U		0.055	J		<0.00035	U		79			20		
		VMP-3-22-102616	10/26/2016	1.1			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
	31.5 ft	VMP-3-31.5-020915	2/9/2015	2.1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00012	J		79			19		
		VMP-3-31.5-110315	11/3/2015	3.6			<0.026	U		<0.0026	U		<0.0026	U		0.019	J		0.00043			78			18		
		VMP-3-31.5-020116	2/1/2016	4.3			<0.034	U		<0.0034	U		<0.0034	U		<0.17	U		0.00031	J		77			19		
		VMP-3-31.5-042716	4/27/2016	3.1			<0.026	U		<0.0026	U		<0.0026	U		0.031	J		0.00054			79			18		
		VMP-3-31.5-080116	8/1/2016	3			<0.03	U		<0.003	U		<0.003	U		<0.15	U		0.0015			80			17		
		VMP-3-31.5-102616	10/26/2016	3.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00076			78			18		
	39 ft	VMP-3-39-020915	2/9/2015	5.9			<0.024	U		0.00023	J		<0.0024	U		<0.12	U		1			77			16		
		VMP-3-39-110315	11/3/2015	5.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0013			78			17		
		VMP-3-39-020116	2/1/2016	5.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0012			77			17		
		VMP-3-39-020116-DUP	2/1/2016	5.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0011			78			17		
VMP-4	5 ft	VMP-4-5-021015	2/10/2015	0.063			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00019	J		79			21		
		VMP-4-5-110215	11/2/2015	0.091			<0.028	U		<0.0028	U		<0.0028	U		0.032	J		<0.00028	U		79			21		
		VMP-4-5-020316	2/3/2016	0.062			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-4-5-050516	5/5/2016	0.2			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0.00066			80			20		
		VMP-4-5-080216	8/2/2016	0.57			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-4-5-102816	10/28/2016	0.24			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
	12 ft	VMP-4-12-021015	2/10/2015	0.064			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00014	J		79			21		
		VMP-4-12-051115	5/11/2015	0.3			<0.024	U		<0.0024	U		<0.0024	U		3.1			<0.00024	U		77			20		
		VMP-4-12-080315	8/3/2015	0.56			<0.03	U		<0.003	U		<0.003	U		1.9			0.00051			78			20		
		VMP-4-12-110215	11/2/2015	0.16			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			21		
		VMP-4-12-020316	2/3/2016	0.11			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-4-12-050316	5/3/2016	0.72			<0.028	U		<0.0028	U		<0.0028	U		0.014	J		<0.00028	U		79			20		
		VMP-4-12-080216	8/2/2016	2.1			<0.033	U		<0.0033	U		<0.0033	U		<0.16	U		<0.00033	U		80			18		
		VMP-4-12-102816	10/28/2016	1.1			<0.036	U		<0.0036	U		<0.0036	U		<0.18	U		<0.00036	U		77			22		
	23.5 ft	VMP-4-23.5-021015	2/10/2015	2.5			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0.0033			79			18		
		VMP-4-23.5-050815	5/8/2015	1.6			<0.028	U		<0.0028	U		<0.0028	U		0.018	J		0.002			79			19		
		VMP-4-23.5-061515-R	6/15/2015	1.9		J	<0.03	U		<0.003	U		<0.003	U		0.015	J	J	0.0013		J	80		J	18		J
		VMP-4-23.5-073015	7/30/2015	1.7			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00085			79			19		
		VMP-4-23.5-110215	11/2/2015	1.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00044			78			21		
		VMP-4-23.5-020316	2/3/2016	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00036			78			20		
		VMP-4-23.5-020316-DUP	2/3/2016	1.3			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00039			79			20		
		VMP-4-23.5-050316	5/3/2016	0.75			<0.029	U		<0.0029	U		<0.0029	U		0.01	J		0.00066			79			20		
		VMP-4-23.5-080216	8/2/2016	1.7			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.0064			81			17		
		VMP-4-23.5-080216-DUP	8/2/2016	1.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0064			80			18		
		VMP-4-23.5-092316-DUP-R	9/23/2016	2		J	<0.03	U		<0.003	U		<0.003	U		<0.15	U		0.0023		J	79		J	19		J
		VMP-4-23.5-092316-R	9/23/2016	2		J	<0.032	U		<0.0032	U		<0.0032	U		0.01	J	J	0.0023		J	79		J	19		J
		VMP-4-23.5-102816	10/28/2016	1.6			<0.028	U		<0.0028	U		<0.0028	U		0.0064	J		0.0026			79			19		
VMP-5	5 ft	VMP-5-5-013015	1/30/2015	0.11			<0.026	U		<0.0026	U		<0.0026	U		0.02	J		0.00014	J		80			20		
		VMP-5-5-042915	4/29/2015	0.061			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00019	J		79			21		
		VMP-5-5-072915	7/29/2015	0.38			<0.035	U		<0.0035	U		<0.0035	U		0.02	J		<0.00035	U		80			20		
		VMP-5-5-102915	10/29/2015	0.14			<0.027	U		<0.0027	U		<0.0027	U		0.27			<0.00027	U		78			21		
		VMP-5-5-012516	1/25/2016	0.056			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00017	J		79			21		
		VMP-5-5-042816	4/28/2016	0.073			<0.028	U		<0.0028	U		<0.0028	U		<0.14	J	U	0.00012	J		80			20		
		VMP-5-5-072816	7/28/2016	0.19			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00011	J		80			20		
		VMP-5-5-102516	10/25/2016	0.075			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		79			21		
	12.5 ft	VMP-5-12.5-013015	1/30/2015	0.12			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.000083	J		79			21		
		VMP-5-12.5-042915	4/29/2015	0.14			<0.028	U		<0.0028	U		<0.0028	U		0.32			<0.00028	U		78			21		
		VMP-5-12.5-072915	7/29/2015	0.31			<0.032	U		<0.0032	U		<0.0032	U		0.14	J		<0.00032	U		80			20		
		VMP-5-12.5-102915	10/29/2015	0.14			<0.029	U		<0.0029	U		<0.0029	U		0.31			<0.00029	U		78			21		
		VMP-5-12.5-012516	1/25/2016	0.072			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-5-12.5-042816	4/28/2016	0.11			<0.027	U		<0.0027	U		<0.0027	U		<0.14	J	U	0.000096	J		80			20		
		VMP-5-12.5-072816	7/28/2016	0.5			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			20		
		VMP-5-12.5-102516	10/25/2016	0.34			<0.025	U		<0.0025	U		<0.0025	U		0.019	J		<0.00025	U		79			21		
	31 ft	VMP-5-31-013015	1/30/2015	0.55			<0.03	U		<0.003	U		<0.003	U		0.029	J		0.000064	J		79			20		
		VMP-5-31-042915	4/29/2015	0.5			<0.028	U		<0.0028	U		<0.0028	U		0.47			<0.00028	U		79			20		
		VMP-5-31-072915	7/29/2015	0.88			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
		VMP-5-31-102915	10/29/2015	0.47			<0.026	U		<0.0026	U		<0.0026	U		0.016	J		<0.00026	U		78			21		
		VMP-5-31-030916-R	3/9/2016	0.35			<0.025	U		<0.0025	U		<0.0025	U		0.0071	J		<0.00025	U		79			21		
		VMP-5-31-042816	4/28/2016	0.37			<0.03	U		<0.003	U		<0.003	U		<0.15	J	U	<0.0003	U		80			20		
		VMP-5-31-072816	7/28/2016	0.79			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-5-31-102516	10/25/2016	1.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
	40 ft	VMP-5-40-013015	1/30/2015	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00007	J		80			19		
		VMP-5-40-042915	4/29/2015	1.2			<0.028	U		<0.0028	U		<0.0028	U		0.022	J		<0.00028	U		79			20		
		VMP-5-40-072915	7/29/2015	1.6			<0.028	U		<0.0028	U		<0.0028	U		0.024	J		<0.00028	U		79			19		
		VMP-5-40-102915	10/29/2015	1.4			<0.034	U		<0.0034	U		<0.0034	U		0.03	J		<0.00034	U		76			23		
		VMP-5-40-012516	1/25/2016	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-5-40-012516-DUP	1/25/2016	1.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-5-40-042816	4/28/2016	0.84			<0.029	U		<0.0029	U		<0.0029	U		<0.14	J	U	0.00011	J		80			19		
		VMP-5-40-072816	7/28/2016	1.2			<0.026	U		<0.0026	U		<0.0026	U		0.012	J		0.00018	J		80			19		
		VMP-5-40-102516	10/25/2016	1.8			<0.025	U		<0.0025	U		<0.0025	U		0.008	J		<0.00025	U		79			19		

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-6	5 ft	VMP-6-5-020915	2/9/2015	0.16			<0.024	U		<0.0024	U		<0.0024	U		0.014	J		0.00018	J		80			20		
		VMP-6-5-042915	4/29/2015	0.16			<0.026	U		<0.0026	U		<0.0026	U		0.022	J		<0.00026	U		79			21		
		VMP-6-5-072715	7/27/2015	0.85			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-6-5-102915	10/29/2015	0.12			<0.025	U		<0.0025	U		<0.0025	U		0.017	J		0.00015	J		79			21		
		VMP-6-5-020116	2/1/2016	0.055			<0.029	U		<0.0029	U		<0.0029	U		0.012	J		0.00018	J		78			22		
		VMP-6-5-042516	4/25/2016	0.14			<0.03	U		<0.003	U		<0.003	U		0.021	J		<0.0003	U		80			20		
		VMP-6-5-072816	7/28/2016	0.37			<0.03	U		<0.003	U		<0.003	U		<0.15	U		0.00014	J		80			20		
		VMP-6-5-102816	10/28/2016	1.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
	10 ft	VMP-6-10-020915	2/9/2015	0.36			<0.024	U		<0.0024	U		<0.0024	U		0.3			0.000046	J		79			20		
		VMP-6-10-042915	4/29/2015	0.67			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-6-10-072715	7/27/2015	2.2			<0.029	U		<0.0029	U		<0.0029	U		0.016	J		<0.00029	U		80			18		
		VMP-6-10-102915	10/29/2015	1.2			<0.025	U		<0.0025	U		<0.0025	U		0.43			<0.00025	U		78			20		
		VMP-6-10-020116	2/1/2016	0.27			<0.029	U		<0.0029	U		<0.0029	U		0.024	J		<0.00029	U		79			21		
		VMP-6-10-042516	4/25/2016	0.57			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
		VMP-6-10-072816	7/28/2016	2.3			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			18		
		VMP-6-10-102816	10/28/2016	1.9			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
	31.5 ft	VMP-6-31.5-020915	2/9/2015	3.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00046			80			17		
		VMP-6-31.5-042915	4/29/2015	3.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			16		
		VMP-6-31.5-042915-DUP	4/29/2015	3.5			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		80			16		
		VMP-6-31.5-072715	7/27/2015	3.4			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			17		
		VMP-6-31.5-112515	11/25/2015	2			<0.024	U		<0.0024	U		<0.0024	U		0.36			0.00015	J		79			19		
		VMP-6-31.5-020116	2/1/2016	2.3			<0.027	U		<0.0027	U		<0.0027	U		0.012	J		<0.00027	U		78			20		
		VMP-6-31.5-042516	4/25/2016	2.6			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		78			19		
		VMP-6-31.5-072816	7/28/2016	2.9			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		0.00036			79			18		
		VMP-6-31.5-102816	10/28/2016	0.96			<0.042	U		<0.0042	U		<0.0042	U		<0.21	U		<0.00042	U		79			20		
	39 ft	VMP-6-39-020915	2/9/2015	5.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00009	J		79			16		
		VMP-6-39-020915-DUP	2/9/2015	4.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.000096	J		79			16		
		VMP-6-39-042915	4/29/2015	5.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			13		
		VMP-6-39-072715	7/27/2015	5			<0.027	U		<0.0027	U		<0.0027	U		0.053	J		<0.00027	U		80			15		
		VMP-6-39-072715-DUP	7/27/2015	4.9			<0.028	U		<0.0028	U		<0.0028	U		0.09	J		<0.00028	U		80			15		
		VMP-6-39-102915	10/29/2015	4.6			<0.026	U		<0.0026	U		<0.0026	U		0.084	J		0.032			79			16		
		VMP-6-39-102915-DUP	10/29/2015	4.8			<0.026	U		<0.0026	U		<0.0026	U		0.017	J		0.033			79			16		
		VMP-6-39-020116	2/1/2016	4.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			18		
		VMP-6-39-020116-DUP	2/1/2016	4.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			18		
		VMP-6-39-042516	4/25/2016	3.5			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		78			18		
		VMP-6-39-072816	7/28/2016	3.5			<0.033	U		<0.0033	U		<0.0033	U		0.013	J		0.00013	J		78			18		
		VMP-6-39-102816	10/28/2016	3.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			17		
VMP-7	5 ft	VMP-7-5-020215	2/2/2015	0.13			<0.03	U		<0.003	U		<0.003	U		<0.15	U		0.000078	J		80			20		
		VMP-7-5-043015	4/30/2015	0.38			<0.03	U		<0.003	U		<0.003	U		0.015	J		<0.0003	U		79			21		
		VMP-7-5-072715	7/27/2015	0.85			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-7-5-102815	10/28/2015	0.048			<0.024	U		<0.0024	U		<0.0024	U		0.01	J		0.00022	J		79			21		
		VMP-7-5-012716	1/27/2016	0.082			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-7-5-042916	4/29/2016	0.35			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-7-5-072616	7/26/2016	1.2			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		80			19		
		VMP-7-5-102516	10/25/2016	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	13.5 ft	VMP-7-13.5-020215	2/2/2015	0.16			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000048	J		80			20		
		VMP-7-13.5-043015	4/30/2015	0.54			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		79			20		
		VMP-7-13.5-072715	7/27/2015	1.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-7-13.5-102815	10/28/2015	0.76			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-7-13.5-012716	1/27/2016	0.14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-7-13.5-042916	4/29/2016	0.49			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-7-13.5-072616	7/26/2016	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-7-13.5-102516	10/25/2016	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	29.5 ft	VMP-7-29.5-020215	2/2/2015	1.3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.000037	J		79			20		
		VMP-7-29.5-043015	4/30/2015	1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			19		
		VMP-7-29.5-072715	7/27/2015	1.6			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			19		
		VMP-7-29.5-102815	10/28/2015	1.9			<0.03	U		<0.003	U		<0.003	U		0.023	J		<0.0003	U		79			19		
		VMP-7-29.5-012716	1/27/2016	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-7-29.5-042916	4/29/2016	0.85			<0.05	U		<0.005	U		<0.005	U		<0.25	U		<0.0005	U		79			20		
		VMP-7-29.5-072616	7/26/2016	1.5			<0.035	U		<0.0035	U		<0.0035	U		0.009	J		<0.00035	U		80			19		
		VMP-7-29.5-102516	10/25/2016	2.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
	38 ft	VMP-7-38-020215	2/2/2015	2.4			<0.028	U		<0.0028	U		<0.0028	U		0.013	J		0.000061	J		80			18		
		VMP-7-38-043015	4/30/2015	2.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-7-38-072715	7/27/2015	2.4			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			18		
		VMP-7-38-102815	10/28/2015	2.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-7-38-102815-DUP	10/28/2015	2.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-7-38-012716	1/27/2016	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			20		
		VMP-7-38-012716-DUP	1/27/2016	1.6			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		78			20		
		VMP-7-38-042916	4/29/2016	1.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-7-38-042916-DUP	4/29/2016	1.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-7-38-072616	7/26/2016	2			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		80			18		
		VMP-7-38-072616-DUP	7/26/2016	2			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			18		
		VMP-7-38-102516	10/25/2016	2.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			18		
		VMP-7-38-102516-Dup	10/25/2016	2.8			<0.052	U		<0.0052	U		<0.0052	U		<0.26	U		<0.00052	U		79			18		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5-020915	2/9/2015	0.44			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00012	J		80			20		
		VMP-8-5-042715	4/27/2015	1.2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-8-5-072815	7/28/2015	2.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			19		
		VMP-8-5-102715	10/27/2015	1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-8-5-012716	1/27/2016	0.22			<0.023	U		<0.0023	U		<0.0023	U		0.012	J		<0.00023	U		80			20		
		VMP-8-5-042916	4/29/2016	0.55			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00016	J		79			20		
		VMP-8-5-072916	7/29/2016	2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		79			19		
		VMP-8-5-102516	10/25/2016	2.1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			19		
	9.5 ft	VMP-8-9.5-020915	2/9/2015	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000052	J		79			20		
		VMP-8-9.5-042715	4/27/2015	0.97			<0.024	U		<0.0024	U		<0.0024	U		0.039	J		<0.00024	U		79			20		
		VMP-8-9.5-072815	7/28/2015	3.1			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			18		
		VMP-8-9.5-102715	10/27/2015	2.1			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			19		
		VMP-8-9.5-012716	1/27/2016	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-8-9.5-042916	4/29/2016	1.2			<0.022	U		<0.0022	U		<0.0022	U		0.014	J		<0.00022	U		80			19		
		VMP-8-9.5-072916	7/29/2016	3			<0.028	U		<0.0028	U		<0.0028	U		0.013	J		<0.00028	U		80			17		
		VMP-8-9.5-102516	10/25/2016	3.8			<0.024	U		<0.0024	U		<0.0024	U		0.022	J		<0.00024	U		78			18		
	23.5 ft	VMP-8-23.5-020915	2/9/2015	2.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000031	J		79			18		
		VMP-8-23.5-050515-R	5/5/2015	1.6			<0.026	U		<0.0026	U		<0.0026	U		0.037	J		<0.00026	U		79			19		
		VMP-8-23.5-072815	7/28/2015	1.7			<0.024	U		<0.0024	U		<0.0024	U		0.057	J		<0.00024	U		79			19		
		VMP-8-23.5-102715	10/27/2015	3.1			<0.027	U		<0.0027	U		<0.0027	U		0.022	J		<0.00027	U		79			18		
		VMP-8-23.5-012716	1/27/2016	2.4			<0.027	U		<0.0027	U		<0.0027	U		0.24			<0.00027	U		79			18		
		VMP-8-23.5-042916	4/29/2016	2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-8-23.5-072916	7/29/2016	2.8			<0.022	U		<0.0022	U		<0.0022	U		0.021	J		<0.00022	U		79			18		
		VMP-8-23.5-072916-DUP	7/29/2016	3.2			<0.025	U		<0.0025	U		<0.0025	U		0.0087	J		<0.00025	U		80			17		
		VMP-8-23.5-102516	10/25/2016	4.1			<0.026	U		<0.0026	U		<0.0026	U		0.012	J		<0.00026	U		79			17		
	35.5 ft	VMP-8-35.5-020915	2/9/2015	1.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.000059	J		80			19		
		VMP-8-35.5-042715	4/27/2015	0.79			<0.025	U		<0.0025	U		<0.0025	U		0.16			<0.00025	U		79			20		
		VMP-8-35.5-072815	7/28/2015	2.8			<0.029	U		<0.0029	U		<0.0029	U		0.038	J		<0.00029	U		79			18		
		VMP-8-35.5-072815-DUP	7/28/2015	2.6			<0.026	U		<0.0026	U		<0.0026	U		0.045	J		<0.00026	U		79			18		
		VMP-8-35.5-012816	1/28/2016	1.2			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-8-35.5-012816-DUP	1/28/2016	1.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-8-35.5-042916	4/29/2016	0.65			<0.027	U		<0.0027	U		<0.0027	U		0.75			0.00013	J		79			20		
		VMP-8-35.5-080316	8/3/2016	3.2			<0.025	U		<0.0025	U		<0.0025	U		0.0053	J		<0.00025	U		80			17		
		VMP-8-35.5-102516	10/25/2016	3.2			<0.026	U		<0.0026	U		<0.0026	U		0.27			<0.00026	U		78			18		
		VMP-8-35.5-102516-Dup	10/25/2016	3.2			<0.026	U		<0.0026	U		<0.0026	U		0.047	J		<0.00026	U		79			18		
VMP-9	5 ft	VMP-9-5-021115	2/11/2015	0.082			<0.027	U		<0.0027	U		<0.0027	U		0.37			0.00011	J		80			20		
		VMP-9-5-050415	5/4/2015	0.2			<0.028	U		<0.0028	U		<0.0028	U		0.053	J		<0.00028	U		80			20		
		VMP-9-5-072815	7/28/2015	0.69			<0.028	U		<0.0028	U		<0.0028	U		0.011	J		0.00021	J		80			19		
		VMP-9-5-102815	10/28/2015	0.28			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-9-5-012816	1/28/2016	0.079			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			22		
		VMP-9-5-042816	4/28/2016	0.18			<0.028	U		<0.0028	U		<0.0028	U		0.13	J		0.0001	J		80			20		
		VMP-9-5-080116	8/1/2016	0.59			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00014	J		79			20		
		VMP-9-5-102516	10/25/2016	0.47			<0.026	U		<0.0026	U		<0.0026	U		0.0087	J		<0.00026	U		78			21		
		VMP-9-5-120916	12/9/2016	0.54			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	11.5 ft	VMP-9-11.5-021115	2/11/2015	0.13			<0.027	U		<0.0027	U		<0.0027	U		1.5			0.000057	J		78			20		
		VMP-9-11.5-050415	5/4/2015	0.52			<0.027	U		<0.0027	U		<0.0027	U		0.031	J		<0.00027	U		79			20		
		VMP-9-11.5-072815	7/28/2015	1.1			<0.027	U		<0.0027	U		<0.0027	U		0.071	J		<0.00027	U		80			19		
		VMP-9-11.5-102815	10/28/2015	0.35			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-9-11.5-012816	1/28/2016	0.18			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			21		
		VMP-9-11.5-042816	4/28/2016	0.56			<0.026	U		<0.0026	U		<0.0026	U		<0.13	J	U	<0.00026	U		79			20		
		VMP-9-11.5-080116	8/1/2016	1.6			<0.03	U		<0.003	U		<0.003	U		0.015	J		<0.0003	U		79			19		
		VMP-9-11.5-080116-DUP	8/1/2016	1.7			<0.03	U		<0.003	U		<0.003	U		0.017	J		<0.0003	U		80			18		
		VMP-9-11.5-102516	10/25/2016	1.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-9-11.5-120916	12/9/2016	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
	25.5 ft	VMP-9-25.5-021115	2/11/2015	0.55			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			21		
		VMP-9-25.5-050415	5/4/2015	0.74			<0.026	U		<0.0026	U		<0.0026	U		0.8			<0.00026	U		78			20		
		VMP-9-25.5-052915-R	5/29/2015	1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-9-25.5-072815	7/28/2015	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-9-25.5-102815	10/28/2015	1.8			<0.024	U		<0.0024	U		<0.0024	U		0.022	J		<0.00024	U		78			20		
		VMP-9-25.5-012816	1/28/2016	1.4			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			20		
		VMP-9-25.5-042816	4/28/2016	0.86			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-9-25.5-080116	8/1/2016	2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			18		
		VMP-9-25.5-102516	10/25/2016	2.5			<0.025	U		<0.0025	U		<0.0025	U		0.0098	J		<0.00025	U		78			19		
		VMP-9-25.5-120916	12/9/2016	2.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			18		
	38.5 ft	VMP-9-38.5-050415	5/4/2015	2.1		J	<0.03	U		<0.003	U		<0.003	U		0.25			<0.0003	U		79			19		
		VMP-9-38.5-050415-DUP	5/4/2015	0.16		J	<0.018	U		<0.0018	U		<0.0018	U		0.49			0.00023			79			20		
		VMP-9-38.5-052915-R	5/29/2015	2.1			<0.029	U		<0.0029	U		<0.0029	U		0.033	J		<0.00029	U		80			18		
		VMP-9-38.5-072815	7/28/2015	1.8			<0.022	U		<0.0022	U		<0.0022	U		0.045	J		<0.00022	U		79			19		
		VMP-9-38.5-102815	10/28/2015	3			<0.036	U		<0.0036	U		<0.0036	U		<0.18	U		<0.00036	U		79			18		
		VMP-9-38.5-012816	1/28/2016	3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			19		
		VMP-9-38.5-042816	4/28/2016	2.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	J	U	<0.00026	U		79			19		
		VMP-9-38.5-072916	7/29/2016	2.6			<0.03	U		<0.003	U		<0.003	U		0.15	J		<0.0003	U		79			18		
		VMP-9-38.5-102516	10/25/2016	3.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			17		
		VMP-9-38.5-120916	12/9/2016	2.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5-020515	2/5/2015	0.044			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0002	J		79			21		
		VMP-10-5-043015	4/30/2015	0.079			<0.027	U		<0.0027	U		<0.0027	U		0.021	J		0.00017	J		79			21		
		VMP-10-5-072815	7/28/2015	0.25			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-10-5-103015	10/30/2015	0.11			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-10-5-012916	1/29/2016	0.057			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00011	J		79			21		
		VMP-10-5-050216	5/2/2016	0.25			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-10-5-082616	8/26/2016	0.54			<0.026	U		<0.0026	U		<0.0026	U		0.0053	J		<0.00026	U		79			20		
		VMP-10-5-110216	11/2/2016	0.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
	10 ft	VMP-10-10-020515	2/5/2015	0.051			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00014	J		79			21		
		VMP-10-10-043015	4/30/2015	0.1			<0.026	U		<0.0026	U		<0.0026	U		0.051	J		<0.00026	U		79			21		
		VMP-10-10-072815	7/28/2015	0.35			<0.029	U		<0.0029	U		<0.0029	U		0.087	J		<0.00029	U		79			21		
		VMP-10-10-103015	10/30/2015	0.15			<0.026	U		<0.0026	U		<0.0026	U		0.012	J		<0.00026	U		79			21		
		VMP-10-10-021616	2/16/2016	0.091			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			22		
		VMP-10-10-050216	5/2/2016	0.37			<0.031	U		<0.0031	U		<0.0031	U		0.086	J		<0.00031	U		80			20		
		VMP-10-10-072816	7/28/2016	1.2			<0.028	U		<0.0028	U		<0.0028	U		0.013	J		<0.00028	U		80			19		
		VMP-10-10-110216	11/2/2016	0.43			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
	20 ft	VMP-10-20-020515	2/5/2015	0.065			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000054	J		79			21		
		VMP-10-20-043015	4/30/2015	0.21			<0.03	U		<0.003	U		<0.003	U		0.11	J		<0.0003	U		79			21		
		VMP-10-20-072815	7/28/2015	0.75			<0.028	U		<0.0028	U		<0.0028	U		0.098	J		<0.00028	U		79			20		
		VMP-10-20-072815-DUP	7/28/2015	0.73			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-10-20-103015	10/30/2015	0.36			<0.024	U		<0.0024	U		<0.0024	U		0.022	J		<0.00024	U		79			21		
		VMP-10-20-012916	1/29/2016	0.15			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-10-20-050216	5/2/2016	0.28			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-10-20-072816	7/28/2016	0.81			<0.056	U		<0.0056	U		<0.0056	U		<0.28	U		<0.00056	U		80			19		
		VMP-10-20-110216	11/2/2016	0.81			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
	30 ft	VMP-10-30-020515	2/5/2015	0.27			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00029			79			21		
		VMP-10-30-020515-DUP	2/5/2015	0.26			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00028			80			20		
		VMP-10-30-043015	4/30/2015	0.27			<0.027	U		<0.0027	U		<0.0027	U		0.12	J		<0.00027	U		79			21		
		VMP-10-30-072815	7/28/2015	0.74			<0.029	U		<0.0029	U		<0.0029	U		0.027	J		<0.00029	U		79			20		
		VMP-10-30-103015	10/30/2015	0.85			<0.026	U		<0.0026	U		<0.0026	U		0.022	J		<0.00026	U		78			21		
		VMP-10-30-012916-DUP	1/29/2016	0.52			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-10-30-050216	5/2/2016	0.38			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			20		
		VMP-10-30-050216-DUP	5/2/2016	0.37			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			20		
		VMP-10-30-072816	7/28/2016	0.77			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			19		
		VMP-10-30-110216	11/2/2016	1.1			<0.031	U		<0.0031	U		<0.0031	U		0.034	J		<0.00031	U		80			19		
VMP-11	5 ft	VMP-11-5-020515	2/5/2015	0.082			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00014	J		79			21		
		VMP-11-5-043015	4/30/2015	0.35			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-11-5-072815	7/28/2015	0.75			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-11-5-103015	10/30/2015	0.18			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-11-5-012916	1/29/2016	0.12			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		79			21		
		VMP-11-5-050216	5/2/2016	0.26			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00015	J		80			20		
		VMP-11-5-080116	8/1/2016	0.85			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-11-5-110116	11/1/2016	0.52			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00013	J		79			20		
	8 ft	VMP-11-8-020515	2/5/2015	0.19			<0.024	U		<0.0024	U		<0.0024	U		0.024	J		0.00011	J		79			21		
		VMP-11-8-043015	4/30/2015	0.61			<0.028	U		<0.0028	U		<0.0028	U		0.064	J		<0.00028	U		78			21		
		VMP-11-8-072815	7/28/2015	1.5			<0.036	U		<0.0036	U		<0.0036	U		<0.18	U		<0.00036	U		80			19		
		VMP-11-8-103015	10/30/2015	0.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-11-8-012916	1/29/2016	0.26			<0.026	U		<0.0026	U		<0.0026	U		0.012	J		<0.00026	U		79			21		
		VMP-11-8-050616	5/6/2016	0.7			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00011	J		80			19		
		VMP-11-8-080116	8/1/2016	1.9			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-11-8-110116	11/1/2016	1.1			<0.026	U		<0.0026	U		<0.0026	U		0.0052	J		<0.00026	U		80			19		
	29 ft	VMP-11-29-020515	2/5/2015	0.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.000037	J		80			20		
		VMP-11-29-020515-DUP	2/5/2015	0.49			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000032	J		80			20		
		VMP-11-29-043015	4/30/2015	0.59			<0.025	U		<0.0025	U		<0.0025	U		0.015	J		<0.00025	U		79			20		
		VMP-11-29-072815	7/28/2015	1.3			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			19		
		VMP-11-29-110515	11/5/2015	1.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			20		
		VMP-11-29-012916	1/29/2016	0.86			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		78			21		
		VMP-11-29-050216	5/2/2016	0.65			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-11-29-080216	8/2/2016	1.6			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			18		
		VMP-11-29-110116	11/1/2016	1.8			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			18		
	38 ft	VMP-11-38-020515	2/5/2015	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00021	J		79			20		
		VMP-11-38-043015	4/30/2015	1.4			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-11-38-072815	7/28/2015	1.2			<0.027	U		<0.0027	U		<0.0027	U		0.028	J		<0.00027	U		80			19		
		VMP-11-38-103015	10/30/2015	1.6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			20		
		VMP-11-38-103015-DUP	10/30/2015	1.7			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			20		
		VMP-11-38-012916	1/29/2016	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-11-38-050216	5/2/2016	0.8			<0.026	U		<0.0026	U		<0.0026	U		0.26			<0.00026	U		80			19		
		VMP-11-38-050216-DUP	5/2/2016	0.79			<0.025	U		<0.0025	U		<0.0025	U		0.25			<0.00025	U		79			20		
		VMP-11-38-080216	8/2/2016	1.2			<0.029	U		<0.0029	U		<0.0029	U		0.025	J		<0.00029	U		81			18		
		VMP-11-38-110216	11/2/2016	1.9			<0.03	U		<0.003	U		<0.003	U		0.048	J		<0.0003	U		79			19		
VMP-12	5 ft	VMP-12-5-021115	2/11/2015	0.058			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.0002	J		79			21		
		VMP-12-5-050715	5/7/2015	0.078			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-12-5-073115	7/31/2015	0.17			<0.027	U		<0.0027	U		<0.0027	U		0.035	J		0.00018	J		79			21		
		VMP-12-5-110415	11/4/2015	0.056			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00047			79			21		
		VMP-12-5-020316	2/3/2016	0.035			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00016	J		79			21		
		VMP-12-5-050416	5/4/2016	0.041			<0.032	U		<0.0032	U		<0.0032	U		0.063	J		0.00015	J		79			21		
		VMP-12-5-080316	8/3/2016	0.06			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00024	J		80			20		
		VMP-12-5-103116	10/31/2016	0.063			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00021	J		79			21		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-12	11.5 ft	VMP-12-11.5-021115	2/11/2015	0.049			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0004			79			21		
		VMP-12-11.5-050715	5/7/2015	0.09			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-12-11.5-073115	7/31/2015	0.25			<0.03	U		<0.003	U		<0.003	U		0.028	J		<0.0003	U		80			20		
		VMP-12-11.5-110415	11/4/2015	0.077			<0.023	U		<0.0023	U		<0.0023	U		0.026	J		0.00016	J		79			21		
		VMP-12-11.5-020316	2/3/2016	0.052			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00017	J		79			21		
		VMP-12-11.5-050416	5/4/2016	0.07			<0.029	U		<0.0029	U		<0.0029	U		0.0088	J		0.00017	J		79			21		
		VMP-12-11.5-080316	8/3/2016	0.11			<0.03	U		<0.003	U		<0.003	U		<0.15	U		0.00022	J		79			21		
		VMP-12-11.5-110316	11/3/2016	0.085			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00013	J		80			20		
	25 ft	VMP-12-25-021115	2/11/2015	0.42			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00015	J		80			20		
		VMP-12-25-050715	5/7/2015	0.41			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			20		
		VMP-12-25-073115	7/31/2015	0.5			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		80			20		
		VMP-12-25-110415	11/4/2015	0.33			<0.027	U		<0.0027	U		<0.0027	U		0.029	J		<0.00027	U		79			21		
		VMP-12-25-021616	2/16/2016	0.32			<0.025	U		<0.0025	U		<0.0025	U		0.011	J		0.00012	J		79			21		
		VMP-12-25-021616-DUP	2/16/2016	0.32			<0.027	U		<0.0027	U		<0.0027	U		0.013	J		0.00014	J		79			21		
		VMP-12-25-050416	5/4/2016	0.42			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00029			80			20		
		VMP-12-25-080316	8/3/2016	0.67			<0.028	U		<0.0028	U		<0.0028	U		0.0095	J		0.00035			79			20		
		VMP-12-25-103116	10/31/2016	0.75			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00012	J		79			20		
		VMP-12-25-103116-Dup	10/31/2016	0.64			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00018	J		79			20		
	39 ft	VMP-12-39-021115	2/11/2015	16			<0.027	U		0.00013	J		<0.0027	U		<0.13	U		3.9			78			1.6		
		VMP-12-39-050715	5/7/2015	14			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		2.9			81			2.1		
		VMP-12-39-050715-DUP	5/7/2015	14			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		2.9			81			2		
		VMP-12-39-061515-Dup-R	6/15/2015	15		J	<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.92		J	82		J	1.8		J
		VMP-12-39-061515-R	6/15/2015	15			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.93			82			1.8		
		VMP-12-39-073115	7/31/2015	15			<0.03	U		0.00019	J		<0.003	U		<0.15	U		4.2			79			1.8		
		VMP-12-39-073115-DUP	7/31/2015	14			<0.033	U		0.00013	J		<0.0033	U		<0.16	U		4.2			79			2		
		VMP-12-39-110415	11/4/2015	16			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		2.2			80			1.7		
		VMP-12-39-020316	2/3/2016	15			<0.024	U		0.00025	J		<0.0024	U		<0.12	U		5.7			78			1.5		
		VMP-12-39-050416	5/4/2016	12			<0.026	U		0.00026	J		<0.0026	U		0.024	J		8			76			3.8		
		VMP-12-39-080316	8/3/2016	13			<0.022	U		0.00019	J		<0.0022	U		0.014	J		7.7			76			2.8		
		VMP-12-39-110316	11/3/2016	15			<0.029	U		0.00019	J		<0.0029	U		<0.14	U		5.7			78			1.8		
VMP-13	5 ft	VMP-13-5-020515	2/5/2015	0.084			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00013	J		80			20		
		VMP-13-5-043015	4/30/2015	0.21			<0.027	U		<0.0027	U		<0.0027	U		0.039	J		<0.00027	U		79			21		
		VMP-13-5-072715	7/27/2015	1.1			<0.028	U		<0.0028	U		<0.0028	U		0.035	J		<0.00028	U		79			20		
		VMP-13-5-110215	11/2/2015	0.42			<0.023	U		<0.0023	U		<0.0023	U		0.018	J		<0.00023	U		78			21		
		VMP-13-5-012616	1/26/2016	0.15			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-13-5-050316	5/3/2016	0.3			<0.027	U		<0.0027	U		<0.0027	U		0.018	J		<0.00027	U		80			20		
		VMP-13-5-072916	7/29/2016	0.76			<0.028	U		<0.0028	U		<0.0028	U		0.12	J		<0.00028	U		79			20		
		VMP-13-5-110216	11/2/2016	0.36			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
	10.5 ft	VMP-13-10.5-020515	2/5/2015	0.098			<0.026	U		<0.0026	U		<0.0026	U		0.72			0.0001	J		79			20		
		VMP-13-10.5-043015	4/30/2015	0.24			<0.028	U		<0.0028	U		<0.0028	U		0.068	J		<0.00028	U		79			21		
		VMP-13-10.5-072715	7/27/2015	1			<0.028	U		<0.0028	U		<0.0028	U		0.022	J		<0.00028	U		79			20		
		VMP-13-10.5-110215	11/2/2015	0.53			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-13-10.5-012616	1/26/2016	0.098			<0.026	U		<0.0026	U		<0.0026	U		0.015	J		<0.00026	U		79			21		
		VMP-13-10.5-050316	5/3/2016	0.19			<0.027	U		<0.0027	U		<0.0027	U		0.0071	J		<0.00027	U		79			21		
		VMP-13-10.5-072916	7/29/2016	0.45			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00014	J		80			20		
		VMP-13-10.5-110216	11/2/2016	0.49			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			20		
	21.5 ft	VMP-13-21.5-020515	2/5/2015	0.12			<0.028	U		<0.0028	U		<0.0028	U		0.13	J		0.000043	J		79			21		
		VMP-13-21.5-043015	4/30/2015	0.26			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		79			21		
		VMP-13-21.5-072715	7/27/2015	0.28			<0.029	U		<0.0029	U		<0.0029	U		0.13	J		<0.00029	U		79			21		
		VMP-13-21.5-112515	11/25/2015	0.22			<0.025	U		<0.0025	U		<0.0025	U		0.032	J		<0.00025	U		79			21		
		VMP-13-21.5-012616	1/26/2016	0.22			<0.025	U		<0.0025	U		<0.0025	U		0.012	J		<0.00025	U		79			21		
		VMP-13-21.5-050316	5/3/2016	0.13			<0.029	U		<0.0029	U		<0.0029	U		0.16			<0.00029	U		79			21		
		VMP-13-21.5-050316-DUP	5/3/2016	0.13			<0.029	U		<0.0029	U		<0.0029	U		0.15			<0.00029	U		79			21		
		VMP-13-21.5-072916	7/29/2016	0.22			<0.029	U		<0.0029	U		<0.0029	U		0.069	J		0.00012	J		80			20		
		VMP-13-21.5-110216	11/2/2016	0.15			<0.025	U		<0.0025	U		<0.0025	U		0.13			0.00017	J		80			20		
	29.5 ft	VMP-13-29.5-020515	2/5/2015	0.1			<0.024	U		<0.0024	U		<0.0024	U		1.3			0.0001	J		79			20		
		VMP-13-29.5-043015	4/30/2015	0.24			<0.029	U		<0.0029	U		<0.0029	U		0.078	J		<0.00029	U		79			21		
		VMP-13-29.5-072715	7/27/2015	1.1			<0.031	U		<0.0031	U		<0.0031	U		0.12	J		<0.00031	U		79			20		
		VMP-13-29.5-072715-DUP	7/27/2015	1.1			<0.031	U		<0.0031	U		<0.0031	U		0.14	J		<0.00031	U		79			20		
		VMP-13-29.5-110215	11/2/2015	0.55			<0.021	U		<0.0021	U		<0.0021	U		0.028	J		<0.00021	U		78			21		
		VMP-13-29.5-110215-DUP	11/2/2015	0.55			<0.022	U		<0.0022	U		<0.0022	U		0.023	J		<0.00022	U		78			21		
		VMP-13-29.5-012616	1/26/2016	0.088			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-13-29.5-050316	5/3/2016	0.15			<0.026	U		<0.0026	U		<0.0026	U		0.019	J		<0.00026	U		79			21		
		VMP-13-29.5-082616-R	8/29/2016	0.46			<0.022	U		<0.0022	U		<0.0022	U		0.031	J		0.000085	J		80			20		
		VMP-13-29.5-110216	11/2/2016	0.86			<0.027	U		<0.0027	U		<0.0027	U		0.022	J		0.00032			80			19		
		VMP-13-29.5-110216-Dup	11/2/2016	0.86			<0.026	U		<0.0026	U		<0.0026	U		0.02	J		0.0003			80			19		
VMP-14	5 ft	VMP-14-5-020615	2/6/2015	0.11			<0.026	U		<0.0026	U		<0.0026	U		0.067	J		0.000094	J		79			21		
		VMP-14-5-043015	4/30/2015	0.22			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-14-5-072915	7/29/2015	0.58			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-14-5-110215	11/2/2015	0.21			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-14-5-012616	1/26/2016	0.077			<0.027	U		<0.0027	U		<0.0027	U		0.015	J		0.00012	J		79			21		
		VMP-14-5-050316	5/3/2016	0.35			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP14-5-072916	7/29/2016	0.67			<0.028	U		<0.0028	U		<0.0028	U		0.15			0.00014	J		79			20		
		VMP-14-5-110216	11/2/2016	0.24			<0.028	U		<0.0028	U		<0.0028	U		0.23			0.00014	J		80			20		

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-14	11.5 ft	VMP-14-11.5-020615	2/6/2015	0.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.000066	J		79			21		
		VMP-14-11.5-043015	4/30/2015	0.25			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			20		
		VMP-14-11.5-072915	7/29/2015	0.7			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			20		
		VMP-14-11.5-110215	11/2/2015	0.25			<0.026	U		<0.0026	U		<0.0026	U		0.018	J		<0.00026	U		79			21		
		VMP-14-11.5-012616	1/26/2016	0.1	J		<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000098	J		79			21		
		VMP-14-11.5-050316	5/3/2016	0.33			<0.028	U		<0.0028	U		<0.0028	U		2.3			<0.00028	U		77			20		
		VMP-14-11.5-072916	7/29/2016	0.63			<0.03	U		<0.003	U		<0.003	U		1.2			0.00015	J		79			19		
		VMP-14-11.5-110216	11/2/2016	0.21			<0.029	U		<0.0029	U		<0.0029	U		0.86			0.00014	J		79			20		
	20 ft	VMP-14-20-020615	2/6/2015	2.2			<0.027	U		<0.0027	U		<0.0027	U		0.023	J		0.00076			81			17		
		VMP-14-20-043015	4/30/2015	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00035			80			19		
		VMP-14-20-072915	7/29/2015	2.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0021			81			17		
		VMP-14-20-110215	11/2/2015	1.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00051			79			20		
		VMP-14-20-012616	1/26/2016	2.7			<0.025	U		<0.0025	U		<0.0025	U		0.021	J		0.00034			79			18		
		VMP-14-20-050416	5/4/2016	4.6			<0.027	U		<0.0027	U		<0.0027	U		0.021	J		0.0007			81			14		
		VMP-14-20-072916	7/29/2016	2.6			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		0.00065			80			17		
	29 ft	VMP-14-29-020615	2/6/2015	6.4			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00052			82			12		
		VMP-14-29-043015	4/30/2015	6.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00031			82			11		
		VMP-14-29-043015-DUP	4/30/2015	5.9			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00028			81			13		
		VMP-14-29-072915	7/29/2015	7.4			<0.03	U		<0.003	U		<0.003	U		<0.15	U		0.00067			82			11		
		VMP-14-29-110215	11/2/2015	5.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00055			80			15		
		VMP-14-29-012616	1/26/2016	12			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.036			84			4.3		
		VMP-14-29-012616-DUP	1/26/2016	13			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.037			82			4.4		
		VMP-14-29-050316	5/3/2016	0.28			<0.029	U		<0.0029	U		<0.0029	U		2			<0.00029	U		78			20		
		VMP-14-29-072916	7/29/2016	0.64		J	<0.03	U		<0.003	U		<0.003	U		1.3		J	0.00013	J		79			19		
		VMP-14-29-072916-DUP	7/29/2016	0.49		J	<0.023	U		<0.0023	U		<0.0023	U		0.95		J	0.00013	J		78			20		
		VMP-14-29-110216	11/2/2016	0.26			<0.028	U		<0.0028	U		<0.0028	U		0.0077	J		<0.00028	U		80			20		
VMP-15	5 ft	VMP-15-5-020615	2/6/2015	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000019	J		82			16		
		VMP-15-5-050415	5/4/2015	3.5			<0.024	U		<0.0024	U		<0.0024	U		0.2			<0.00024	U		82			14		
		VMP-15-5-072915	7/29/2015	12			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		82			6.4		
		VMP-15-5-110415	11/4/2015	5.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			16		
		VMP-15-5-020316	2/3/2016	3.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.3			80			16		
		VMP-15-5-050316	5/3/2016	2.8			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		85			12		
		VMP-15-5-080216	8/2/2016	7.7			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			12		
		VMP-15-5-110116	11/1/2016	3.6			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			16		
	21.5 ft	VMP-15-21.5-020615	2/6/2015	11			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.000094	J		86			2.7		
		VMP-15-21.5-050415	5/4/2015	8.8			<0.025	U		<0.0025	U		<0.0025	U		0.24			<0.00025	U		86			5.1		
		VMP-15-21.5-072915	7/29/2015	11			<0.032	U		0.0016	J		<0.0032	U		<0.16	U		4.6			83			1.8		
		VMP-15-21.5-110415	11/4/2015	12			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		82			5.9		
		VMP-15-21.5-020316	2/3/2016	14			<0.026	U		0.0033			<0.0026	U		<0.13	U		9.5			75			1.8		
		VMP-15-21.5-050316	5/3/2016	10			<0.021	U		<0.0021	U		<0.0021	U		0.024	J		0.00017	J		84			6.4		
		VMP-15-21.5-080216	8/2/2016	14			<0.026	U		0.0017	J		<0.0026	U		<0.13	U		7.5			76			2.2		
		VMP-15-21.5-110116	11/1/2016	15			<0.024	U		0.00067	J		<0.0024	U		<0.12	U		8.4			75			1.8		
	25.5 ft	VMP-15-25.5-020615	2/6/2015	11			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.018			86			3.2		
		VMP-15-25.5-050415	5/4/2015	12			<0.027	U		<0.0027	U		<0.0027	U		0.19			0.00026	J		83			4.6		
		VMP-15-25.5-072915	7/29/2015	13			<0.028	U		0.0021	J		<0.0028	U		<0.14	U		5			80			2.1		
		VMP-15-25.5-110415	11/4/2015	12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			7.1		
		VMP-15-25.5-020316	2/3/2016	15			<0.028	U		0.0037			<0.0028	U		<0.14	U		9.3			73			2.5		
		VMP-15-25.5-050316	5/3/2016	15			<0.027	U		0.00025	J		<0.0027	U		<0.14	U		0.68			83			1.5		
		VMP-15-25.5-080216	8/2/2016	14			<0.028	U		0.0035			<0.0028	U		<0.14	U		8.3			75			3		
		VMP-15-25.5-110116	11/1/2016	16			<0.027	U		0.0039			<0.0027	U		<0.14	U		9.5			73			1.8		
		VMP-15-25.5-110116-Dup	11/1/2016	16			<0.028	U		0.004			<0.0028	U		<0.14	U		9.5			73			1.8		
	29 ft	VMP-15-29-020615	2/6/2015	9.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.008			83			7		
		VMP-15-29-020615-DUP	2/6/2015	9.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0076			83			7.6		
		VMP-15-29-050415	5/4/2015	12			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00023	J		83			5		
		VMP-15-29-072915	7/29/2015	14			<0.032	U		0.0022	J		<0.0032	U		<0.16	U		5.4			79			1.9		
		VMP-15-29-072915-DUP	7/29/2015	14			<0.026	U		0.0022	J		<0.0026	U		<0.13	U		5.3			79			1.9		
		VMP-15-29-110415	11/4/2015	11			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			9.2		
		VMP-15-29-020316	2/3/2016	15			<0.027	U		0.0038			<0.0027	U		<0.13	U		9.1			73			2.8		
		VMP-15-29-050316	5/3/2016	15			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.17			83			1.5		
		VMP-15-29-080216	8/2/2016	16			<0.027	U		0.0037			<0.0027	U		<0.13	U		8.7			74			1.5		
VMP-16	5 ft	VMP-16-5-021115	2/11/2015	0.91			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000038	J		80			19		
		VMP-16-5-050715	5/7/2015	0.43			<0.03	U		<0.003	U		<0.003	U		<0.15	U		0.0002	J		80			20		
		VMP-16-5-073115	7/31/2015	2.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00018	J		80			17		
		VMP-16-5-110415	11/4/2015	1.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-16-5-020316	2/3/2016	0.41			<0.03	U		<0.003	U		<0.003	U		<0.15	U		0.000089	J		80			20		
		VMP-16-5-050416	5/4/2016	0.75			<0.027	U		<0.0027	U		<0.0027	U		0.0065	J		0.000089	J		79			20		
		VMP-16-5-080316	8/3/2016	1.6			<0.023	U		<0.0023	U		<0.0023	U		0.0096	J		0.00022	J		79			19		
		VMP-16-5-103116	10/31/2016	2.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			17		
	13.5 ft	VMP-16-13.5-021115	2/11/2015	12			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.12			86			1.5		
		VMP-16-13.5-050715	5/7/2015	13			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.62			84			2.6		
		VMP-16-13.5-073115	7/31/2015	16			<0.028	U		<0.0028	U		<0.0028	U		0.014	J		0.2			81			2		
		VMP-16-13.5-110415	11/4/2015	15			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.066			83			1.8		
		VMP-16-13.5-020316	2/3/2016	12			<0.026	U		<0.0026	U		<0.0026	U		0.023	J		0.028			85			2.5		
		VMP-16-13.5-052516-R	5/25/2016	13			<0.027	U		<0.0027	U		<0.0027	U		0.026	J		0.21			84			3		
		VMP-16-13.5-080316	8/3/2016	16			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.79			81			1.8		
		VMP-16-13.5-103116	10/31/2016	16			<0.028	U		<0.0028	U		<0.0028	U		0.0061	J		0.48			82			1.6		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-16	19 ft	VMP-16-19-021115	2/11/2015	14			<0.027	U		0.000097	J		<0.0027	U		<0.14	U		2.3			82			1.6		
		VMP-16-19-050715	5/7/2015	13			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		2			83			1.4		
		VMP-16-19-073115	7/31/2015	15			<0.029	U		<0.0029	U		<0.0029	U		0.029	J		1			81			2.3		
		VMP-16-19-110415	11/4/2015	17			<0.028	U		<0.0028	U		<0.0028	U		0.026	J		1.1			80			1.8		
		VMP-16-19-020316	2/3/2016	14			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.92			83			1.8		
		VMP-16-19-050416	5/4/2016	14			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		1.5			82			1.7		
		VMP-16-19-080316	8/3/2016	13			<0.03	U		<0.003	U		<0.003	U		0.065	J		1.1			82			3.9		
		VMP-16-19-103116	10/31/2016	14			<0.026	U		<0.0026	U		<0.0026	U		0.42			2.2			78			5		
	31 ft	VMP-16-31-021115	2/11/2015	15			<0.024	U		0.00017	J		<0.0024	U		<0.12	U		5			77			2.8		
		VMP-16-31-050715	5/7/2015	13			<0.029	U		<0.0029	U		<0.0029	U		0.021	J		4.3			80			2		
		VMP-16-31-073115	7/31/2015	16			<0.03	U		<0.003	U		<0.003	U		0.018	J		2.3			79			1.7		
		VMP-16-31-073115-DUP	7/31/2015	16			<0.028	U		<0.0028	U		<0.0028	U		0.014	J		2.3			80			1.5		
		VMP-16-31-110415	11/4/2015	18			<0.029	U		0.00013	J		<0.0029	U		0.018	J		2.8			77			1.9		
		VMP-16-31-020316	2/3/2016	15			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		2.2			79			2.8		J
		VMP-16-31-020316-DUP	2/3/2016	16			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		2.4			79			1.7		J
		VMP-16-31-050416	5/4/2016	14			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		3			81			1.5		
		VMP-16-31-050416-DUP	5/4/2016	14			<0.026	U		<0.0026	U		<0.0026	U		0.0053	J		3.1			81			1.6		
		VMP-16-31-080316	8/3/2016	15			<0.025	U		<0.0025	U		<0.0025	U		0.0058	J		2.6			79			2.5		
		VMP-16-31-103116	10/31/2016	17			<0.025	U		0.00014	J		<0.0025	U		0.0075	J		4.8			77			1.6		
		VMP-16-31-103116-Dup	10/31/2016	17			<0.027	U		0.00015	J		<0.0027	U		<0.13	U		4.7			77			1.6		
VMP-17	5 ft	VMP-17-5-020415	2/4/2015	0.08			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		80			20		
		VMP-17-5-050115	5/1/2015	0.4			<0.024	U		<0.0024	U		<0.0024	U		0.011	J		<0.00024	U		79			21		
		VMP-17-5-072815	7/28/2015	0.6			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-17-5-102915	10/29/2015	0.18			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-17-5-020216	2/2/2016	0.09			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			22		
		VMP-17-5-050216	5/2/2016	0.35			<0.026	U		<0.0026	U		<0.0026	U		0.019	J		<0.00026	U		79			21		
		VMP-17-5-072516	7/25/2016	1.1			<0.028	U		<0.0028	U		<0.0028	U		0.13	J		<0.00028	U		80			19		
		VMP-17-5-103116	10/31/2016	0.41			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
VMP-18	8.5 ft	VMP-18-8.5-020415	2/4/2015	0.26			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.000069	J		79			21		
		VMP-18-8.5-050115	5/1/2015	0.97			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-18-8.5-050115-DUP	5/1/2015	0.94			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-18-8.5-072815	7/28/2015	2.3			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			19		
		VMP-18-8.5-102915	10/29/2015	0.76			<0.025	U		<0.0025	U		<0.0025	U		0.068	J		<0.00025	U		78			21		
		VMP-18-8.5-020216	2/2/2016	0.56			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			21		
		VMP-18-8.5-050516	5/5/2016	2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-18-8.5-5-072516	7/25/2016	2.4			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		80			18		
		VMP-18-8.5-102516	10/25/2016	2			<0.05	U		<0.005	U		<0.005	U		<0.25	U		<0.0005	U		79			19		
VMP-19	5 ft	VMP-19-5-020415	2/4/2015	0.081			<0.026	U		<0.0026	U		<0.0026	U		0.014	J		0.00015	J		79			21		
		VMP-19-5-050115	5/1/2015	0.23			<0.024	U		<0.0024	U		<0.0024	U		0.15			0.00016	J		79			21		
		VMP-19-5-072815	7/28/2015	0.27			<0.03	U		<0.003	U		<0.003	U		0.82			0.00051			79			20		
		VMP-19-5-102615	10/26/2015	0.063			<0.028	U		<0.0028	U		<0.0028	U		0.37			<0.00028	U		78			21		
		VMP-19-5-020216	2/2/2016	<0.028	U		<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00018	J		79			21		
		VMP-19-5-050616	5/6/2016	0.1			<0.028	U		<0.0028	U		<0.0028	U		0.56			0.00035			79			20		
		VMP-19-5-072816	7/28/2016	1			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00094			79			20		
		VMP-19-5-102516	10/25/2016	0.19			<0.025	U		<0.0025	U		<0.0025	U		0.05	J		0.00012	J		80			20		
VMP-20	5 ft	VMP-20-5-012715	1/27/2015	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.0001	J		79			20		
		VMP-20-5-042715	4/27/2015	2.5			<0.025	U		<0.0025	U		<0.0025	U		0.031	J		<0.00025	U		78			19		
		VMP-20-5-072015	7/20/2015	9.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			12		
		VMP-20-5-102015	10/20/2015	3.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			18		
		VMP-20-5-021616	2/16/2016	1.6			<0.033	U		<0.0033	U		<0.0033	U		0.2			<0.00033	U		78			20		
		VMP-20-5-042516	4/25/2016	3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			18		
		VMP-20-5-072216	7/22/2016	12			<0.026	U		<0.0026	U		<0.0026	U		0.011	J		<0.00026	U		81			7.3		
		VMP-20-5-102616	10/26/2016	9.9			<0.025	U		<0.0025	U		<0.0025	U		0.0076	J		<0.00025	U		78			12		
	10 ft	VMP-20-10-012715	1/27/2015	2.8			<0.025	U		<0.0025	U		<0.0025	U		0.036	J		0.000061	J		79			18		
		VMP-20-10-012715-DUP	1/27/2015	2.8			<0.026	U		<0.0026	U		<0.0026	U		0.034	J		0.000059	J		79			18		
		VMP-20-10-042715	4/27/2015	3.7			<0.024	U		<0.0024	U		<0.0024	U		0.068	J		<0.00024	U		79			17		
		VMP-20-10-072015	7/20/2015	12			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			8.7		
		VMP-20-10-102015	10/20/2015	7			<0.022	U		<0.0022	U		<0.0022	U		0.012	J		<0.00022	U		77			16		
		VMP-20-10-102015-DUP	10/20/2015	6.9			<0.028	U		<0.0028	U		<0.0028	U		0.019	J		<0.00028	U		77			16		
		VMP-20-10-021616	2/16/2016	2.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			19		
		VMP-20-10-042516	4/25/2016	4			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			17		
		VMP-20-10-072216	7/22/2016	9.8			<0.028	U		<0.0028	U		<0.0028	U		0.013	J		<0.00028	U		78			12		
		VMP-20-10-102616	10/26/2016	11			<0.024	U		<0.0024	U		<0.0024	U		0.0088	J		<0.00024	U		78			11		
	25 ft	VMP-20-25-012715	1/27/2015	3.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000039	J		78			18		
		VMP-20-25-042715	4/27/2015	2.5			<0.026	U		<0.0026	U		<0.0026	U		0.024	J		<0.00026	U		78			19		
		VMP-20-25-072015	7/20/2015	4.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			16		
		VMP-20-25-102015	10/20/2015	5.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			16		
		VMP-20-25-020216	2/2/2016	3.2			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		78			19		
		VMP-20-25-042516	4/25/2016	2.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-20-25-072216	7/22/2016	3.6			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			16		
		VMP-20-25-102616	10/26/2016	6.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			14		
	39.5 ft	VMP-20-39.5-042715	4/27/2015	9.3			<0.025	U		<0.0025	U		<0.0025	U		0.1	J		0.00028			87			3.2		
		VMP-20-39.5-042715-DUP	4/27/2015	9			<0.029	U		<0.0029	U		<0.0029	U		0.098	J		0.00034			87			3.5		
		VMP-20-39.5-072015	7/20/2015	9.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00019	J		88			2.5		
		VMP-20-39.5-072015-DUP	7/20/2015	8.9			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00017	J		88			2.8		
		VMP-20-39.5-012715	1/27/2015	9.2			<0.029	U		<0.0029	U		<0.0029	U		0.07	J		0.00024	J		87			4		
		VMP-20-39.5-102015	10/20/2015	7.8			<0.025	U		<0.0025	U		<0.0025	U		0.072	J		<0.00025	U		84			8.7		
		VMP-20-39.5-020216	2/2/2016	7			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		82			11		
		VMP-20-39.5-020216-DUP	2/2/2016	6.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		83			10		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-21	5 ft	VMP-21-5-012715	1/27/2015	0.53			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000076	J		79			20		
		VMP-21-5-042715	4/27/2015	1.5			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		78			20		
		VMP-21-5-072015	7/20/2015	4.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			17		
		VMP-21-5-102315	10/23/2015	0.63			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-21-5-012616	1/26/2016	0.38			<0.028	U		<0.0028	U		<0.0028	U		0.012	J		<0.00028	U		79			21		
		VMP-21-5-042716	4/27/2016	1.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		81			18		
		VMP-21-5-072616	7/26/2016	4.1			<0.033	U		<0.0033	U		<0.0033	U		<0.16	U		<0.00033	U		84			12		
		VMP-21-5-102416	10/24/2016	1.6			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
	10 ft	VMP-21-10-012715	1/27/2015	2			<0.027	U		<0.0027	U		<0.0027	U		0.021	J		0.000019	J		79			19		
		VMP-21-10-042715	4/27/2015	1.7			<0.029	U		<0.0029	U		<0.0029	U		0.028	J		<0.00029	U		79			19		
		VMP-21-10-072015	7/20/2015	4.7			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			15		
		VMP-21-10-102315	10/23/2015	2.6			<0.028	U		<0.0028	U		<0.0028	U		0.026	J		<0.00028	U		78			19		
		VMP-21-10-012616	1/26/2016	1.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			20		
		VMP-21-10-042716	4/27/2016	1.7			<0.029	U		<0.0029	U		<0.0029	U		0.011	J		<0.00029	U		80			18		
		VMP-21-10-072616	7/26/2016	4.1			<0.028	U		<0.0028	U		<0.0028	U		0.007	J		<0.00028	U		80			16		
		VMP-21-10-102416	10/24/2016	3.9			<0.049	U		<0.0049	U		<0.0049	U		<0.25	U		<0.00049	U		78			18		
	25 ft	VMP-21-25-012715	1/27/2015	2.3			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.000016	J		79			19		
		VMP-21-25-042715	4/27/2015	1.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
		VMP-21-25-072015	7/20/2015	2.3			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		81			17		
		VMP-21-25-102315	10/23/2015	3.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			19		
		VMP-21-25-012616	1/26/2016	1.6			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			20		
		VMP-21-25-042716	4/27/2016	1.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			19		
		VMP-21-25-072616	7/26/2016	2.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-21-25-102416	10/24/2016	4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			17		
	33 ft	VMP-21-33-012715	1/27/2015	3.7			<0.025	U		<0.0025	U		<0.0025	U		0.04	J		0.000026	J		78			18		
		VMP-21-33-072015	7/20/2015	2.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		81			16		
		VMP-21-33-102315	10/23/2015	4.2			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			18		
		VMP-21-33-102315-DUP	10/23/2015	4.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			18		
		VMP-21-33-042716	4/27/2016	2			<0.028	U		<0.0028	U		<0.0028	U		0.22			<0.00028	U		79			19		
		VMP-21-33-072616	7/26/2016	2.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			17		
		VMP-21-33-102416	10/24/2016	4.2			<0.027	U		<0.0027	U		<0.0027	U		0.0068	J		<0.00027	U		80			16		
VMP-22	5 ft	VMP-22-5-012715	1/27/2015	0.092			<0.023	U		<0.0023	U		<0.0023	U		0.018	J		0.00011	J		80			20		
		VMP-22-5-042715	4/27/2015	0.29			<0.025	U		<0.0025	U		<0.0025	U		0.012	J		<0.00025	U		79			21		
		VMP-22-5-072015	7/20/2015	0.76			<0.026	U		<0.0026	U		<0.0026	U		0.016	J		<0.00026	U		79			20		
		VMP-22-5-102315	10/23/2015	0.23			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-22-5-012616	1/26/2016	0.078			<0.028	U		<0.0028	U		<0.0028	U		0.011	J		<0.00028	U		79			21		
		VMP-22-5-042616	4/26/2016	0.28			<0.035	U		<0.0035	U		<0.0035	U		<0.17	U		0.00013	J		80			20		
		VMP-22-5-072216	7/22/2016	0.8			<0.031	U		<0.0031	U		<0.0031	U		0.15	J		0.00014	J		81			18		
		VMP-22-5-102716	10/27/2016	0.35			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
	10 ft	VMP-22-10-012715	1/27/2015	0.15			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0.00006	J		80			20		
		VMP-22-10-042715	4/27/2015	0.35			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-22-10-072015	7/20/2015	0.88			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-22-10-102315	10/23/2015	0.39			<0.028	U		<0.0028	U		<0.0028	U		0.026	J		<0.00028	U		79			21		
		VMP-22-10-012616	1/26/2016	0.14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			22		
		VMP-22-10-042616	4/26/2016	0.26			<0.03	U		<0.003	U		<0.003	U		0.015	J		0.000095	J		80			20		
		VMP-22-10-072216	7/22/2016	1.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			19		
		VMP-22-10-102716	10/27/2016	0.5			<0.027	U		<0.0027	U		<0.0027	U		0.058	J		<0.00027	U		80			20		
	18 ft	VMP-22-18-012715	1/27/2015	0.33			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.000021	J		80			20		
		VMP-22-18-012715-DUP	1/27/2015	0.33			<0.025	U		<0.0025	U		<0.0025	U		0.015	J		0.000022	J		80			20		
		VMP-22-18-042715	4/27/2015	0.32			<0.024	U		<0.0024	U		<0.0024	U		0.21			<0.00024	U		78			21		
		VMP-22-18-072015	7/20/2015	0.83			<0.034	U		<0.0034	U		<0.0034	U		<0.17	U		<0.00034	U		80			19		
		VMP-22-18-102315	10/23/2015	0.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-22-18-012616	1/26/2016	0.29			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			21		
		VMP-22-18-042616	4/26/2016	0.26			<0.028	U		<0.0028	U		<0.0028	U		0.052	J		<0.00028	U		80			20		
		VMP-22-18-072216	7/22/2016	1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			19		
		VMP-22-18-102716	10/27/2016	1.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
	38 ft	VMP-22-38-012715	1/27/2015	2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000028	J		79			19		
		VMP-22-38-042715	4/27/2015	1.3			<0.024	U		<0.0024	U		<0.0024	U		0.13			<0.00024	U		78			20		
		VMP-22-38-042715-DUP	4/27/2015	1.3			<0.026	U		<0.0026	U		<0.0026	U		0.096	J		<0.00026	U		79			20		
		VMP-22-38-072015	7/20/2015	1.6			<0.029	U		<0.0029	U		<0.0029	U		0.073	J		<0.00029	U		80			18		
		VMP-22-38-072015-DUP	7/20/2015	1.6			<0.028	U		<0.0028	U		<0.0028	U		0.022	J		<0.00028	U		79			19		
		VMP-22-38-102315	10/23/2015	2.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			20		
		VMP-22-38-012616-DUP	1/26/2016	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-22-38-042616	4/26/2016	1			<0.031	U		<0.0031	U		<0.0031	U		0.043	J		<0.00031	U		79			20		
		VMP-22-38-072216	7/22/2016	1.3			<0.028	U		<0.0028	U		<0.0028	U		0.0056	J		<0.00028	U		81			18		
		VMP-22-38-072216-DUP	7/22/2016	1.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-22-38-102716	10/27/2016	1.6			<0.027	U		<0.0027	U		<0.0027	U		0.33			<0.00027	U		79			19		
		VMP-22-38-102716-Dup	10/27/2016	1.6			<0.025	U		<0.0025	U		<0.0025	U		0.31			<0.00025	U		79			19		
VMP-23	5 ft	VMP-23-5-012715	1/27/2015	0.18			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		0.00015	J		80			20		
		VMP-23-5-042715	4/27/2015	0.53			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0002	J		78			21		
		VMP-23-5-072015	7/20/2015	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00022	J		79			19		
		VMP-23-5-102615	10/26/2015	0.36			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-23-5-012516	1/25/2016	0.13			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00017	J		79			21		
		VMP-23-5-062816	6/28/2016	1.2			<0.032	U		<0.0032	U		<0.0032	U		0.089	J		<0.00032	U		80			19		
		VMP-23-5-072216	7/22/2016	1.6			<0.03	U		<0.003	U		<0.003	U		0.0093	J		0.000094	J		80			18		
		VMP-23-5-101916	10/19/2016	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-23	10 ft	VMP-23-10-012715	1/27/2015	0.14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00012	J		80			20		
		VMP-23-10-042715	4/27/2015	0.39			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-23-10-072015	7/20/2015	0.91			<0.026	U		<0.0026	U		<0.0026	U		0.019	J		<0.00026	U		79			20		
		VMP-23-10-102615	10/26/2015	0.31			<0.026	U		<0.0026	U		<0.0026	U		0.021	J		<0.00026	U		79			21		
		VMP-23-10-012516	1/25/2016	0.14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-23-10-062816	6/28/2016	0.81			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-23-10-072216	7/22/2016	0.89			<0.029	U		<0.0029	U		<0.0029	U		0.036	J		<0.00029	U		80			19		
		VMP-23-10-101916	10/19/2016	0.074			<0.024	U		<0.0024	U		<0.0024	U		0.052	J		0.00017	J		79			21		
	25 ft	VMP-23-25-012715	1/27/2015	0.69			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000034	J		79			20		
		VMP-23-25-042715	4/27/2015	0.49			<0.028	U		<0.0028	U		<0.0028	U		0.13	J		<0.00028	U		78			21		
		VMP-23-25-072015	7/20/2015	1.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-23-25-102615	10/26/2015	1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-23-25-012516	1/25/2016	0.58			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			21		
		VMP-23-25-062816	6/28/2016	1.2			<0.029	U		<0.0029	U		<0.0029	U		0.026	J		<0.00029	U		80			19		
		VMP-23-25-072216	7/22/2016	1.3			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			19		
		VMP-23-25-101916	10/19/2016	2.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
	40 ft	VMP-23-40-012715	1/27/2015	2.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.000081	J		79			18		
		VMP-23-40-042715	4/27/2015	2.8			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		78			19		
		VMP-23-40-072015	7/20/2015	2.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
		VMP-23-40-102615	10/26/2015	3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			19		
		VMP-23-40-102615-DUP	10/26/2015	3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
		VMP-23-40-012516	1/25/2016	2.9			<0.024	U		<0.0024	U		<0.0024	U		0.024	J		<0.00024	U		78			19		
		VMP-23-40-072216	7/22/2016	2.5			<0.027	U		<0.0027	U		<0.0027	U		0.054	J		<0.00027	U		80			18		
VMP-24	5 ft	VMP-24-5-020215	2/2/2015	1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00013	J		79			20		
		VMP-24-5-042715	4/27/2015	0.62			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			20		
		VMP-24-5-072115	7/21/2015	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-24-5-102915	10/29/2015	1.5			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			20		
		VMP-24-5-012716	1/27/2016	1.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00015	J		79			20		
		VMP-24-5-042916	4/29/2016	0.7			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00012	J		79			20		
		VMP-24-5-072716	7/27/2016	3.1			<0.03	U		<0.003	U		<0.003	U		0.018	J		<0.0003	U		79			18		
		VMP-24-5-102816	10/28/2016	2.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00012	J		79			19		
	10 ft	VMP-24-10-020215	2/2/2015	1.7			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.000099	J		79			19		
		VMP-24-10-042715	4/27/2015	1.4			<0.027	U		<0.0027	U		<0.0027	U		0.026	J		<0.00027	U		79			20		
		VMP-24-10-072115	7/21/2015	2.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			17		
		VMP-24-10-102915	10/29/2015	3.3			<0.025	U		<0.0025	U		<0.0025	U		0.019	J		<0.00025	U		79			18		
		VMP-24-10-012716	1/27/2016	2.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
		VMP-24-10-042916	4/29/2016	1.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-24-10-072716	7/27/2016	4.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			16		
		VMP-24-10-102816	10/28/2016	3.5			<0.021	U		<0.0021	U		<0.0021	U		0.0064	J		<0.00021	U		78			18		
	22 ft	VMP-24-22-020215	2/2/2015	2.2			<0.026	U		<0.0026	U		<0.0026	U		1			0.00014	J		78			19		
		VMP-24-22-042715	4/27/2015	2.6			<0.027	U		<0.0027	U		<0.0027	U		0.013	J		<0.00027	U		78			19		
		VMP-24-22-072115	7/21/2015	1.6		J	<0.026	U	UJ	<0.0026	U	UJ	<0.0026	U	UJ	5.9		J	<0.00026	U	UJ	74		J	18		J
		VMP-24-22-082415	8/24/2015	1			<0.029	U		<0.0029	U		<0.0029	U		3.2			<0.00029	U		77			19		
		VMP-24-22-082415-DUP	8/24/2015	1			<0.03	U		<0.003	U		<0.003	U		3.1			<0.0003	U		77			19		
		VMP-24-22-102915	10/29/2015	0.64			<0.029	U		<0.0029	U		<0.0029	U		2.7			0.0002	J		77			20		
		VMP-24-22-012716	1/27/2016	1.4			<0.026	U		<0.0026	U		<0.0026	U		0.011	J		0.00017	J		79			20		
		VMP-24-22-042916	4/29/2016	0.49			<0.029	U		<0.0029	U		<0.0029	U		0.15			0.00015	J		79			20		
		VMP-24-22-072716	7/27/2016	3.8			<0.029	U		<0.0029	U		<0.0029	U		0.061	J		<0.00029	U		79			17		
		VMP-24-22-102816	10/28/2016	1.7			<0.022	U		<0.0022	U		<0.0022	U		0.052	J		0.00012	J		79			19		
	34 ft	VMP-24-34-020215	2/2/2015	1.7			<0.024	U		<0.0024	U		<0.0024	U		0.013	J		0.000091	J		79			19		
		VMP-24-34-020215-DUP	2/2/2015	1.7			<0.023	U		<0.0023	U		<0.0023	U		0.082	J		0.00009	J		79			19		
		VMP-24-34-042715	4/27/2015	1.5			<0.035	U		<0.0035	U		<0.0035	U		<0.18	U		<0.00035	U		80			19		
		VMP-24-34-072115	7/21/2015	2.8			<0.027	U		<0.0027	U		<0.0027	U		0.084	J		<0.00027	U		80			17		
		VMP-24-34-072115-DUP	7/21/2015	2.9			<0.029	U		<0.0029	U		<0.0029	U		0.091	J		<0.00029	U		80			17		
		VMP-24-34-102915	10/29/2015	3.5			<0.026	U		<0.0026	U		<0.0026	U		0.011	J		<0.00026	U		78			18		
		VMP-24-34-012716	1/27/2016	2.8			<0.03	U		<0.003	U		<0.003	U		0.021	J		<0.0003	U		79			18		
		VMP-24-34-042916	4/29/2016	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-24-34-072716	7/27/2016	4.4			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			16		
		VMP-24-34-072716-DUP	7/27/2016	4.2			<0.022	U		<0.0022	U		<0.0022	U		0.15			<0.00022	U		80			16		
		VMP-24-34-102816	10/28/2016	5.2			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			16		
		VMP-24-34-102816-Dup	10/28/2016	5.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			16		
VMP-25	5 ft	VMP-25-5-021115	2/11/2015	3.6			<0.024	U		<0.0024	U		<0.0024	U		0.025	J		0.000026	J		84			12		
		VMP-25-5-050715	5/7/2015	9.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		84			6.6		
		VMP-25-5-073015	7/30/2015	11			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00019	J		82			7.5		
		VMP-25-5-110515	11/5/2015	8.4			<0.026	U		<0.0026	U		<0.0026	U		0.016	J		<0.00026	U		87			5		
		VMP-25-5-021616	2/16/2016	3.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		82			14		
		VMP-25-5-050416	5/4/2016	3.4			<0.024	U		0.00039	J		<0.0024	U		0.022	J		0.019			87			9.6		
		VMP-25-5-080316	8/3/2016	8.2			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		0.00029	J		86			6		
		VMP-25-5-103116	10/31/2016	5.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		84			10		
	21 ft	VMP-25-21-021115	2/11/2015	14			<0.025	U		0.086			<0.0025	U		<0.12	U		7.2			77			1.6		
		VMP-25-21-050715	5/7/2015	12			<0.024	U		0.095			<0.0024	U		0.02	J		7.3			78			2.2		
		VMP-25-21-073015	7/30/2015	12			<0.026	U		0.15			<0.0026	U		0.028	J		7.1			79			1.7		
		VMP-25-21-110515	11/5/2015	12			<0.029	U		0.081			<0.0029	U		<0.14	U		4.2			81			3		
		VMP-25-21-050416	5/4/2016	0.06			<0.03	U		<0.003	U		<0.003	U		0.12	J		0.00021	J		80			20		
		VMP-25-21-080316	8/3/2016	0.47			<0.028	U		<0.0028	U		<0.0028	U		0.6			0.00014	J		80			19		
		VMP-25-21-103116	10/31/2016	0.75			<0.026	U		<0.0026	U		<0.0026	U		0.3			0.00015	J		80			19		
		VMP-25-21-103116-Dup	10/31/2016	0.76			<0.024	U		<0.0024	U		<0.0024	U		0.28			0.00014	J		80			19		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-25	31 ft	VMP-25-31-021115	2/11/2015	14			<0.024	U		0.086			<0.0024	U		0.018	J		7.2			76			2.3		
		VMP-25-31-021115-DUP	2/11/2015	13			<0.023	U		0.085			<0.0023	U		0.018	J		7			77			2.3		
		VMP-25-31-050715	5/7/2015	12			<0.026	U		0.091			<0.0026	U		0.023	J		7			79			1.9		
		VMP-25-31-050715-DUP	5/7/2015	12			<0.025	U		0.092			<0.0025	U		0.028	J		7.1			78			2.4		
		VMP-25-31-073015	7/30/2015	12			<0.03	U		0.15			<0.003	U		<0.15	U		6.8			78			2.4		
		VMP-25-31-073015-DUP	7/30/2015	12			<0.027	U		0.14			<0.0027	U		0.012	J		6.5			79			2.5		
		VMP-25-31-110515	11/5/2015	12			<0.032	U		0.081			<0.0032	U		<0.16	U		4.3			81			2.2		
		VMP-25-31-021616	2/16/2016	10			<0.026	U		0.033			<0.0026	U		0.026	J		2.2			86			2.1		
		VMP-25-31-021616-DUP	2/16/2016	10			<0.026	U		0.034			<0.0026	U		0.016	J		2.3			86			2		
		VMP-25-31-050416	5/4/2016	12			<0.028	U		0.034			<0.0028	U		0.12	J		2.8			82			3.2		
		VMP-25-31-080316	8/3/2016	6.8			<0.027	U		0.00042	J		<0.0027	U		0.011	J		0.056			86			7.4		
		VMP-25-31-080316-DUP	8/3/2016	6.3			<0.024	U		0.00032	J		<0.0024	U		0.0083	J		0.045			85			9		
		VMP-25-31-103116	10/31/2016	14			<0.024	U		0.1			<0.0024	U		<0.12	U		7			77			1.8		
VMP-29	10 ft	VMP-29-10-020515	2/5/2015	0.054			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		79			21		
		VMP-29-10-050615	5/6/2015	0.093			<0.029	U		<0.0029	U		<0.0029	U		0.25			0.00017	J		80			20		
		VMP-29-10-072715	7/27/2015	0.14			<0.027	U		<0.0027	U		<0.0027	U		0.015	J		0.00024	J		80			20		
		VMP-29-10-103015	10/30/2015	0.068			<0.026	U		<0.0026	U		<0.0026	U		0.013	J		0.0002	J		78			22		
		VMP-29-10-012716	1/27/2016	0.075			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-29-10-050216	5/2/2016	0.1			<0.027	U		<0.0027	U		<0.0027	U		0.016	J		0.00014	J		80			20		
		VMP-29-10-072816	7/28/2016	0.4			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		83			17		
		VMP-29-10-120916	12/9/2016	0.23			<0.025	U		<0.0025	U		<0.0025	U		0.0097	J		<0.00025	U		80			20		
	18 ft	VMP-29-20-020416-R	2/4/2016	0.094			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		0.00012	J		80			20		
		VMP-29-20-050216	5/2/2016	0.16			<0.026	U		<0.0026	U		<0.0026	U		0.0092	J		<0.00026	U		80			20		
		VMP-29-20-072816	7/28/2016	0.26			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-29-18-110316	11/3/2016	0.46			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
	20 ft	VMP-29-20-020515	2/5/2015	0.065			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.000059	J		80			20		
		VMP-29-20-050615	5/6/2015	0.051			<0.029	U		<0.0029	U		<0.0029	U		0.35			0.0002	J		80			20		
		VMP-29-20-072715	7/27/2015	0.05			<0.036	U		<0.0036	U		<0.0036	U		0.04	J		0.00024	J		80			20		
		VMP-29-20-103015	10/30/2015	0.041			<0.027	U		<0.0027	U		<0.0027	U		0.023	J		0.00023	J		78			22		
	26 ft	VMP-29-30-020615	2/6/2015	0.076			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00019	J		80			20		
		VMP-29-30-050615	5/6/2015	0.097			<0.028	U		<0.0028	U		<0.0028	U		0.18			0.0002	J		80			20		
		VMP-29-30-050615-DUP	5/6/2015	0.087			<0.027	U		<0.0027	U		<0.0027	U		0.18			0.0002	J		80			20		
		VMP-29-30-080315	8/3/2015	0.094			<0.03	U		<0.003	U		<0.003	U		0.07	J		0.00021	J		79			21		
		VMP-29-30-103015	10/30/2015	0.26			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-29-30-012716	1/27/2016	0.19			<0.028	U		<0.0028	U		<0.0028	U		0.025	J		<0.00028	U		79			21		
		VMP-29-30-050216	5/2/2016	0.17			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-29-30-072816	7/28/2016	0.045			<0.033	U		<0.0033	U		<0.0033	U		<0.16	U		<0.00033	U		81			19		
		VMP-29-26-110316	11/3/2016	0.33			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00015	J		80			20		
		VMP-29-26-110316-Dup	11/3/2016	0.33			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00015	J		80			20		
VMP-30	10 ft	VMP-30-10-020615	2/6/2015	0.042			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00016	J		80			20		
		VMP-30-10-050515	5/5/2015	0.046			<0.023	U		<0.0023	U		<0.0023	U		0.015	J		0.00014	J		79			21		
		VMP-30-10-072715	7/27/2015	0.17			<0.026	U		<0.0026	U		<0.0026	U		0.03	J		0.00023	J		80			20		
		VMP-30-10-103015	10/30/2015	0.048			<0.025	U		<0.0025	U		<0.0025	U		0.031	J		0.00019	J		78			22		
		VMP-30-10-020416	2/4/2016	0.046			<0.026	U		<0.0026	U		<0.0026	U		0.036	J		0.00018	J		80			20		
		VMP-30-10-050216	5/2/2016	0.044			<0.026	U		<0.0026	U		<0.0026	U		0.016	J		0.00022	J		79			21		
		VMP-30-10-072816	7/28/2016	0.12			<0.027	U		<0.0027	U		<0.0027	U		0.025	J		0.00021	J		79			21		
		VMP-30-10-110316	11/3/2016	0.11			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.0002	J		80			20		
	18 ft	VMP-30-20-020615	2/6/2015	0.05			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00012	J		79			21		
		VMP-30-20-050515	5/5/2015	0.054			<0.027	U		<0.0027	U		<0.0027	U		0.55			0.0002	J		78			21		
		VMP-30-20-072715	7/27/2015	0.12			<0.026	U		<0.0026	U		<0.0026	U		0.052	J		0.00022	J		80			20		
		VMP-30-20-103015	10/30/2015	0.084			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		78			22		
		VMP-30-20-012716	1/27/2016	0.064			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00021	J		79			21		
		VMP-30-20-050216	5/2/2016	0.046			<0.03	U		<0.003	U		<0.003	U		0.02	J		0.00016	J		79			21		
		VMP-30-20-072816	7/28/2016	0.17			<0.03	U		<0.003	U		<0.003	U		0.68			0.00022	J		79			20		
		VMP-30-18-110316	11/3/2016	0.17			<0.026	U		<0.0026	U		<0.0026	U		0.055	J		0.00016	J		80			20		
	26 ft	VMP-30-30-020615	2/6/2015	0.065			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00016	J		80			20		
		VMP-30-30-050515	5/5/2015	0.048			<0.026	U		<0.0026	U		<0.0026	U		1.3			0.00019	J		78			21		
		VMP-30-30-050515-DUP	5/5/2015	0.049			<0.028	U		<0.0028	U		<0.0028	U		1.4			0.00023	J		78			21		
		VMP-30-30-072715	7/27/2015	0.11			<0.03	U		<0.003	U		<0.003	U		0.048	J		<0.0003	U		80			20		
		VMP-30-30-103015	10/30/2015	0.083			<0.024	U		<0.0024	U		<0.0024	U		0.021	J		0.00019	J		78			22		
		VMP-30-30-012716	1/27/2016	0.1			<0.026	U		<0.0026	U		<0.0026	U		0.013	J		<0.00026	U		79			21		
		VMP-30-30-050216	5/2/2016	0.061			<0.03	U		<0.003	U		<0.003	U		<0.15	U		0.00016	J		79			21		
		VMP-30-30-072816	7/28/2016	0.1			<0.03	U		<0.003	U		<0.003	U		0.0099	J		0.00019	J		80			20		
		VMP-30-30-072816-DUP	7/28/2016	0.085			<0.024	U		<0.0024	U		<0.0024	U		0.11	J		0.00019	J		80			20		
		VMP-30-26-110316	11/3/2016	0.093			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00017	J		80			20		
VMP-32	5 ft	VMP-32-5-021015	2/10/2015	0.073			<0.021	U		<0.0021	U		<0.0021	U		0.029	J		0.00018	J		79			21		
		VMP-32-5-073115	7/31/2015	0.27		J	<0.028	U	UJ	<0.0028	U	UJ	<0.0028	U	UJ	9		J	0.0002	J	J	73		J	18		J
		VMP-32-5-082415	8/24/2015	0.26			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00023	J		80			20		
		VMP-32-5-110415	11/4/2015	0.35			<0.03	U		<0.003	U		<0.003	U		0.069	J		<0.0003	U		79			21		
		VMP-32-5-012616	1/26/2016	0.41			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-32-5-042716	4/27/2016	0.7			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-32-5-072616	7/26/2016	2.6			<0.029	U		<0.0029	U		<0.0029	U		0.0091	J		<0.00029	U		79			18		
		VMP-32-5-102716	10/27/2016	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-32	10 ft	VMP-32-10-021015	2/10/2015	0.55			<0.025	U		<0.0025	U		<0.0025	U		0.071	J		0.00011	J		79			20		
		VMP-32-10-051115	5/11/2015	0.58		J	<0.032	U	UJ	<0.0032	U	UJ	<0.0032	U	UJ	10		J	<0.00032	U	UJ	72		J	17		J
		VMP-32-10-052915-R	5/29/2015	1.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-32-10-110415	11/4/2015	0.86			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-32-10-012616	1/26/2016	0.44			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-32-10-042716	4/27/2016	0.73			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-32-10-072616	7/26/2016	2.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-32-10-102716	10/27/2016	1.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
	20 ft	VMP-32-20-021015	2/10/2015	0.44			<0.027	U		<0.0027	U		<0.0027	U		0.22			0.00016	J		78			21		
		VMP-32-20-051115	5/11/2015	0.6			<0.027	U		<0.0027	U		<0.0027	U		0.92			0.00016	J		78			20		
		VMP-32-20-080315	8/3/2015	0.16			<0.027	U		<0.0027	U		<0.0027	U		1.7			0.0002	J		78			20		
		VMP-32-20-110415	11/4/2015	0.11			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00023	J		79			21		
		VMP-32-20-110415-DUP	11/4/2015	0.11			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00021	J		79			21		
		VMP-32-20-021616	2/16/2016	0.054			<0.023	U		<0.0023	U		<0.0023	U		0.026	J		0.00023			78			22		
		VMP-32-20-042716	4/27/2016	0.11			<0.028	U		<0.0028	U		<0.0028	U		1.9			0.00022	J		78			20		
		VMP-32-20-082616-R	8/29/2016	0.17			<0.035	U		<0.0035	U		<0.0035	U		0.14	J		0.0002	J		80			20		
		VMP-32-20-102716	10/27/2016	0.056			<0.025	U		<0.0025	U		<0.0025	U		0.13			0.0002	J		79			21		
	30 ft	VMP-32-30-021015	2/10/2015	1.5			<0.025	U		<0.0025	U		<0.0025	U		0.14			0.00015	J		78			20		
		VMP-32-30-050515	5/5/2015	1.1			<0.026	U		<0.0026	U		<0.0026	U		1.2			<0.00026	U		78			20		
		VMP-32-30-073115	7/31/2015	0.094		J	<0.028	U	UJ	<0.0028	U	UJ	<0.0028	U	UJ	6.7		J	<0.00028	U	UJ	74		J	19		J
		VMP-32-30-073115-DUP	7/31/2015	0.092		J	<0.031	U	UJ	<0.0031	U	UJ	<0.0031	U	UJ	6.7		J	<0.00031	U	UJ	74		J	19		J
		VMP-32-30-082415	8/24/2015	0.3			<0.028	U		<0.0028	U		<0.0028	U		0.55			0.00021	J		79			20		
		VMP-32-30-082415-DUP	8/24/2015	0.32			<0.027	U		<0.0027	U		<0.0027	U		0.56			0.00019	J		79			20		
		VMP-32-30-110415	11/4/2015	0.48			<0.029	U		<0.0029	U		<0.0029	U		0.22			0.00018	J		78			21		
		VMP-32-30-020216	2/2/2016	0.1			<0.026	U		<0.0026	U		<0.0026	U		0.2			0.0002	J		79			21		
		VMP-32-30-042716	4/27/2016	0.069			<0.029	U		<0.0029	U		<0.0029	U		1.1			0.00017	J		79			20		
		VMP-32-30-072616	7/26/2016	1.8			<0.028	U		<0.0028	U		<0.0028	U		0.037	J		<0.00028	U		80			18		
		VMP-32-30-102716	10/27/2016	0.48			<0.027	U		<0.0027	U		<0.0027	U		1.3			0.00018	J		78			20		
VMP-41	10 ft	VMP-41-10-020415	2/4/2015	0.079			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000091	J		80			20		
		VMP-41-10-020415-DUP	2/4/2015	0.079			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0001	J		79			21		
		VMP-41-10-043015	4/30/2015	0.23			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			21		
		VMP-41-10-072815	7/28/2015	0.68			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-41-10-110215	11/2/2015	0.16			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-41-10-012716	1/27/2016	0.11			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			22		
		VMP-41-10-050216	5/2/2016	0.49			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-41-10-072816	7/28/2016	0.82			<0.024	U		<0.0024	U		<0.0024	U		0.015	J		<0.00024	U		80			19		
		VMP-41-10-102416	10/24/2016	0.58			<0.03	U		<0.003	U		<0.003	U		0.027	J		<0.0003	U		79			20		
	20 ft	VMP-41-20-020415	2/4/2015	0.086			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.000085	J		79			21		
		VMP-41-20-043015	4/30/2015	0.23			<0.062	U		<0.0062	U		<0.0062	U		0.14	J		<0.00062	U		79			21		
		VMP-41-20-072815	7/28/2015	0.83			<0.029	U		<0.0029	U		<0.0029	U		0.031	J		<0.00029	U		79			20		
		VMP-41-20-110215	11/3/2015	0.35			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-41-20-012716	1/27/2016	0.17			<0.027	U		<0.0027	U		<0.0027	U		0.036	J		<0.00027	U		79			21		
		VMP-41-20-050216	5/2/2016	0.26			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-41-20-072816	7/28/2016	0.91			<0.03	U		<0.003	U		<0.003	U		0.013	J		<0.0003	U		79			20		
		VMP-41-20-102416	10/24/2016	0.82			<0.023	U		<0.0023	U		<0.0023	U		0.005	J		<0.00023	U		79			20		
	26 ft	VMP-41-30-020415	2/4/2015	0.14			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000055	J		79			21		
		VMP-41-30-043015	4/30/2015	0.25			<0.027	U		<0.0027	U		<0.0027	U		0.24			<0.00027	U		78			21		
		VMP-41-30-043015-DUP	4/30/2015	0.25			<0.027	U		<0.0027	U		<0.0027	U		0.26			<0.00027	U		78			21		
		VMP-41-30-110215	11/2/2015	0.69			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			21		
		VMP-41-30-110215-DUP	11/2/2015	0.69			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			21		
		VMP-41-30-012716	1/27/2016	0.38			<0.026	U		<0.0026	U		<0.0026	U		0.042	J		<0.00026	U		79			21		
		VMP-41-30-012716-DUP	1/27/2016	0.38			<0.026	U		<0.0026	U		<0.0026	U		0.057	J		<0.00026	U		79			21		
		VMP-41-30-050216	5/2/2016	0.32			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			20		
		VMP-41-30-072816	7/28/2016	0.76			<0.028	U		<0.0028	U		<0.0028	U		0.0066	J		<0.00028	U		79			20		
		VMP-41-30-072816-DUP	7/28/2016	0.77			<0.028	U		<0.0028	U		<0.0028	U		0.016	J		<0.00028	U		79			20		
		VMP-41-26-102416	10/24/2016	1			<0.024	U		<0.0024	U		<0.0024	U		0.0086	J		<0.00024	U		79			20		
		VMP-41-30-072815	7/28/2015	0.75			<0.032	U		<0.0032	U		<0.0032	U		0.02	J		<0.00032	U		79			20		
VMP-42	10 ft	VMP-42-10-020315	2/3/2015	<0.026	U		<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00015	J		100			0.37		
		VMP-42-10-042915	4/29/2015	0.46			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-42-10-072115	7/21/2015	0.88			<0.026	U		<0.0026	U		<0.0026	U		0.016	J		<0.00026	U		80			19		
		VMP-42-10-102715	10/27/2015	0.53			<0.024	U		<0.0024	U		<0.0024	U		0.026	J		<0.00024	U		78			21		
		VMP-42-10-020116	2/1/2016	0.13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-42-10-042616	4/26/2016	0.29			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-42-10-072616	7/26/2016	1.3			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		80			19		
		VMP-42-10-102716	10/27/2016	1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
	20 ft	VMP-42-20-020315	2/3/2015	0.86			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
		VMP-42-20-042915	4/29/2015	0.62			<0.029	U		<0.0029	U		<0.0029	U		0.014	J		<0.00029	U		80			19		
		VMP-42-20-072115	7/21/2015	2.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
		VMP-42-20-102715	10/27/2015	2			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		78			20		
		VMP-42-20-020116	2/1/2016	0.8			<0.026	U		<0.0026	U		<0.0026	U		0.41			<0.00026	U		78			21		
		VMP-42-20-042616	4/26/2016	0.69			<0.028	U		<0.0028	U		<0.0028	U		0.0062	J		<0.00028	U		80			19		
		VMP-42-20-072616	7/26/2016	1.8			<0.03	U		<0.003	U		<0.003	U		0.033	J		<0.0003	U		80			18		
		VMP-42-20-102676	10/27/2016	2.7			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			19		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-42	30 ft	VMP-42-30-020315	2/3/2015	1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.000023	J		79			20		
		VMP-42-30-042915	4/29/2015	0.68			<0.025	U		<0.0025	U		<0.0025	U		0.017	J		<0.00025	U		79			20		
		VMP-42-30-080315	8/3/2015	2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
		VMP-42-30-080315-DUP	8/3/2015	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
		VMP-42-30-102715	10/27/2015	2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			20		
		VMP-42-30-020116	2/1/2016	0.95			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			21		
		VMP-42-30-042616	4/26/2016	0.62			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		79			20		
		VMP-42-30-072616	7/26/2016	1			<0.025	U		<0.0025	U		<0.0025	U		0.012	J		<0.00025	U		80			19		
		VMP-42-30-102716	10/27/2016	2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
		VMP-42-30-102716-Dup	10/27/2016	2.5			<0.051	U		<0.0051	U		<0.0051	U		<0.25	U		<0.00051	U		78			19		
VMP-43	10 ft	VMP-43-10-021015	2/10/2015	0.052			<0.022	U		<0.0022	U		<0.0022	U		0.34			0.00019	J		79			21		
		VMP-43-10-050515	5/5/2015	0.34			<0.028	U		<0.0028	U		<0.0028	U		0.021	J		<0.00028	U		79			21		
		VMP-43-10-072115	7/21/2015	0.49			<0.027	U		<0.0027	U		<0.0027	U		0.045	J		<0.00027	U		80			20		
		VMP-43-10-102915	10/29/2015	0.12			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		79			21		
		VMP-43-10-020116	2/1/2016	0.057			<0.03	U		<0.003	U		<0.003	U		0.075	J		0.0002	J		78			22		
		VMP-43-10-042716	4/27/2016	0.12			<0.03	U		<0.003	U		<0.003	U		<0.15	U		0.00021	J		80			20		
		VMP-43-10-072716	7/27/2016	0.77			<0.026	U		<0.0026	U		<0.0026	U		0.011	J		<0.00026	U		79			20		
		VMP-43-10-102616	10/26/2016	0.08			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00021	J		80			20		
	20 ft	VMP-43-20-021215	2/12/2015	0.12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000085	J		79			21		
		VMP-43-20-021215-DUP	2/12/2015	0.12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000079	J		79			21		
		VMP-43-20-050515	5/5/2015	0.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			21		
		VMP-43-20-072115	7/21/2015	0.69			<0.034	U		<0.0034	U		<0.0034	U		0.029	J		<0.00034	U		79			20		
		VMP-43-20-102915	10/29/2015	0.24			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-43-20-102915-DUP	10/29/2015	0.24			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-43-20-020116	2/1/2016	0.22			<0.042	U		<0.0042	U		<0.0042	U		<0.21	U		<0.00042	U		78			22		
		VMP-43-20-042716	4/27/2016	0.38			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			20		
		VMP-43-20-072716	7/27/2016	0.65			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		80			19		
		VMP-43-20-102616	10/26/2016	0.24			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00014	J		79			21		
	30 ft	VMP-43-30-050515	5/5/2015	0.31			<0.03	U		<0.003	U		<0.003	U		0.019	J		<0.0003	U		79			21		
		VMP-43-30-050515-DUP	5/5/2015	0.32			<0.026	U		<0.0026	U		<0.0026	U		0.019	J		<0.00026	U		79			21		
		VMP-43-30-072115	7/21/2015	1			<0.027	U		<0.0027	U		<0.0027	U		0.021	J		<0.00027	U		79			20		
		VMP-43-30-102915	10/29/2015	0.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-43-30-020116	2/1/2016	0.29			<0.028	U		<0.0028	U		<0.0028	U		0.064	J		<0.00028	U		79			21		
		VMP-43-30-042716	4/27/2016	0.39			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		80			20		
		VMP-43-30-042716-DUP	4/27/2016	0.34			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-43-30-072716	7/27/2016	1.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-43-30-102616	10/26/2016	0.35			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00014	J		80			20		
		VMP-43-30-102616-Dup	10/26/2016	0.36			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00013	J		80			20		
VMP-44	10 ft	VMP-44-10-020415	2/4/2015	0.28			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00013	J		80			20		
		VMP-44-10-050115	5/1/2015	0.15			<0.027	U		<0.0027	U		<0.0027	U		0.37			0.00026	J		78			21		
		VMP-44-10-072415	7/24/2015	1.9			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00022	J		80			18		
		VMP-44-10-102815	10/28/2015	1.2			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			19		
		VMP-44-10-012516	1/25/2016	0.21			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00033			79			21		
		VMP-44-10-042816	4/28/2016	0.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-44-10-072716	7/27/2016	3.5			<0.029	U		<0.0029	U		<0.0029	U		0.059	J		0.00052			84			12		
		VMP-44-10-102716	10/27/2016	1.1			<0.035	U		<0.0035	U		<0.0035	U		0.0079	J		<0.00035	U		79			20		
	20 ft	VMP-44-20-020415	2/4/2015	0.16			<0.025	U		<0.0025	U		<0.0025	U		0.35			0.00015	J		78			21		
		VMP-44-20-051115	5/11/2015	0.76			<0.024	U		<0.0024	U		<0.0024	U		0.014	J		<0.00024	U		80			19		
		VMP-44-20-072415	7/24/2015	1.6			<0.026	U		<0.0026	U		<0.0026	U		0.5			0.00057			79			19		
		VMP-44-20-102815	10/28/2015	0.95			<0.027	U		<0.0027	U		<0.0027	U		0.03	J		<0.00027	U		80			19		
		VMP-44-20-020216-R	2/2/2016	0.19			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.0001	J		79			21		
		VMP-44-20-042816	4/28/2016	0.6			<0.032	U		<0.0032	U		<0.0032	U		0.25			<0.00032	U		79			20		
		VMP-44-20-072716	7/27/2016	3.5			<0.033	U		<0.0033	U		<0.0033	U		0.31			0.00051			83			13		
		VMP-44-20-102716	10/27/2016	0.95			<0.026	U		<0.0026	U		<0.0026	U		0.11	J		<0.00026	U		79			20		
	30 ft	VMP-44-30-020415	2/4/2015	0.18			<0.026	U		<0.0026	U		<0.0026	U		0.34			0.00011	J		78			21		
		VMP-44-30-051115	5/11/2015	0.79			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-44-30-072415	7/24/2015	1.8			<0.025	U		<0.0025	U		<0.0025	U		0.35			0.00033			79			19		
		VMP-44-30-102815	10/28/2015	1.2			<0.03	U		<0.003	U		<0.003	U		0.029	J		<0.0003	U		80			19		
		VMP-44-30-012516	1/25/2016	0.16			<0.026	U		<0.0026	U		<0.0026	U		0.041	J		0.00044			79			21		
		VMP-44-30-050516	5/5/2016	0.5			<0.035	U		<0.0035	U		<0.0035	U		<0.17	U		<0.00035	U		80			20		
		VMP-44-30-072716	7/27/2016	3.4			<0.031	U		<0.0031	U		<0.0031	U		0.28			0.00055			84			12		
		VMP-44-30-102716	10/27/2016	0.84			<0.025	U		<0.0025	U		<0.0025	U		0.057	J		0.0001	J		79			20		
VMP-45	10 ft	VMP-45-10-020615	2/6/2015	0.061			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00019	J		80			20		
		VMP-45-10-051215	5/12/2015	0.12			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00019	J		80			20		
		VMP-45-10-072115	7/21/2015	0.19			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00019	J		80			20		
		VMP-45-10-102815	10/28/2015	0.072			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-45-10-030916-R	3/9/2016	0.053			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00016	J		79			21		
		VMP-45-10-042816	4/28/2016	0.1			<0.03	U		<0.003	U		<0.003	U		<0.15	J	U	0.00022	J		80			20		
		VMP-45-10-082616	8/26/2016	0.21			<0.022	U		<0.0022	U		<0.0022	U		0.017	J		0.00016	J		80			20		
		VMP-45-10-102816	10/28/2016	0.14			<0.026	U		<0.0026	U		<0.0026	U		0.006	J		0.000091	J		79			21		
	20 ft	VMP-45-20-020615	2/6/2015	0.066			<0.025	U		<0.0025	U		<0.0025	U		0.053	J		0.00016	J		80			20		
		VMP-45-20-042915	4/29/2015	0.1			<0.03	U		<0.003	U		<0.003	U		0.2			<0.0003	U		79			21		
		VMP-45-20-072115	7/21/2015	0.27			<0.032	U		<0.0032	U		<0.0032	U		0.11	J		<0.00032	U		80			20		
		VMP-45-20-102815	10/28/2015	0.079			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-45-20-012516	1/25/2016	0.045			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		79			21		
		VMP-45-20-042816	4/28/2016	0.14			<0.021	U		<0.0021	U		<0.0021	U		1.2			0.00017	J		79			20		
		VMP-45-20-072716	7/27/2016	0.51			<0.031	U		<0.0031	U		<0.0031	U		0.03	J		<0.00031	U		80			19		
		VMP-45-20-102816	10/28/2016	0.16			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			21		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-45	30 ft	VMP-45-30-020615	2/6/2015	0.66			<0.026	U		<0.0026	U		<0.0026	U		0.22			0.000092	J		79			20		
		VMP-45-30-020615-DUP	2/6/2015	0.67			<0.026	U		<0.0026	U		<0.0026	U		0.22			0.0001	J		79			20		
		VMP-45-30-042915	4/29/2015	0.51			<0.028	U		<0.0028	U		<0.0028	U		0.78			<0.00028	U		79			20		
		VMP-45-30-072115	7/21/2015	0.94			<0.03	U		<0.003	U		<0.003	U		1.2			<0.0003	U		79			19		
		VMP-45-30-072115-DUP	7/21/2015	0.93			<0.029	U		<0.0029	U		<0.0029	U		1.2			<0.00029	U		79			19		
		VMP-45-30-102815	10/28/2015	1.1			<0.024	U		<0.0024	U		<0.0024	U		0.5			<0.00024	U		78			20		
		VMP-45-30-012516	1/25/2016	0.66			<0.028	U		<0.0028	U		<0.0028	U		0.73			0.000099	J		79			20		
		VMP-45-30-042816	4/28/2016	0.67			<0.024	U		<0.0024	U		<0.0024	U		3.1			0.0001	J		77			19		
		VMP-45-30-042816-DUP	4/28/2016	0.67			<0.025	U		<0.0025	U		<0.0025	U		3.2			0.00014	J		77			19		
		VMP-45-30-072716	7/27/2016	1.2			<0.027	U		<0.0027	U		<0.0027	U		0.73			0.00014	J		80			18		
		VMP-45-30-102816	10/28/2016	1.6			<0.026	U		<0.0026	U		<0.0026	U		0.069	J		0.00017	J		79			19		
VMP-47	5 ft	VMP-47-5-020215	2/2/2015	0.32			<0.032	U		<0.0032	U		<0.0032	U		0.018	J		0.000035	J		80			20		
		VMP-47-5-042815	4/28/2015	0.99			<0.028	U		<0.0028	U		<0.0028	U		0.14			<0.00028	U		79			20		
		VMP-47-5-072115	7/21/2015	1.8			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		80			18		
		VMP-47-5-102715	10/27/2015	0.2			<0.03	U		<0.003	U		<0.003	U		<0.15	U		0.00025	J		78			22		
		VMP-47-5-012916	1/29/2016	0.22			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			21		
		VMP-47-5-042516	4/25/2016	0.71			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-47-5-072516	7/25/2016	1.3			<0.028	U		<0.0028	U		<0.0028	U		0.015	J		<0.00028	U		81			18		
		VMP-47-5-102616	10/26/2016	0.55			<0.027	U		<0.0027	U		<0.0027	U		0.021	J		0.00013	J		79			20		
	10 ft	VMP-47-10-020215	2/2/2015	0.32			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.000046	J		80			20		
		VMP-47-10-042815	4/28/2015	0.43			<0.03	U		<0.003	U		<0.003	U		0.17			<0.0003	U		79			20		
		VMP-47-10-072115	7/21/2015	1.2			<0.031	U		<0.0031	U		<0.0031	U		0.036	J		<0.00031	U		80			19		
		VMP-47-10-102715	10/27/2015	0.47			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			21		
		VMP-47-10-012916	1/29/2016	0.26			<0.024	U		<0.0024	U		<0.0024	U		0.085	J		<0.00024	U		79			21		
		VMP-47-10-042516	4/25/2016	0.53			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-47-10-080216	8/2/2016	0.69			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-47-10-102616	10/26/2016	0.55			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.000098	J		79			20		
	20 ft	VMP-47-20-020215	2/2/2015	0.25			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.000025	J		80			20		
		VMP-47-20-042815	4/28/2015	0.41			<0.029	U		<0.0029	U		<0.0029	U		0.2			<0.00029	U		79			20		
		VMP-47-20-072115	7/21/2015	1.2			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			19		
		VMP-47-20-102715	10/27/2015	0.44			<0.026	U		<0.0026	U		<0.0026	U		0.036	J		<0.00026	U		78			22		
		VMP-47-20-012916	1/29/2016	0.21			<0.024	U		<0.0024	U		<0.0024	U		0.013	J		<0.00024	U		79			21		
		VMP-47-20-042516	4/25/2016	0.43			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		80			20		
		VMP-47-20-072516	7/25/2016	1.2			<0.029	U		<0.0029	U		<0.0029	U		0.02	J		<0.00029	U		80			19		
		VMP-47-20-102616	10/26/2016	0.58			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
	30 ft	VMP-47-30-020215	2/2/2015	0.41			<0.026	U		<0.0026	U		<0.0026	U		0.014	J		0.000049	J		80			20		
		VMP-47-30-020215-DUP	2/2/2015	0.39			<0.025	U		<0.0025	U		<0.0025	U		0.014	J		0.000056	J		80			20		
		VMP-47-30-042815	4/28/2015	0.5			<0.024	U		<0.0024	U		<0.0024	U		1.6		J	<0.00024	U		78			20		
		VMP-47-30-042815-DUP	4/28/2015	0.51			<0.028	U		<0.0028	U		<0.0028	U		0.28		J	<0.00028	U		79			20		
		VMP-47-30-072115	7/21/2015	1.2			<0.03	U		<0.003	U		<0.003	U		0.02	J		<0.0003	U		80			19		
		VMP-47-30-102715	10/27/2015	1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			21		
		VMP-47-30-102715-DUP	10/27/2015	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-47-30-012916-DUP	1/29/2016	0.49			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-47-30-042516	4/25/2016	0.6			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			20		
		VMP-47-30-042516-DUP	4/25/2016	0.59			<0.033	U		<0.0033	U		<0.0033	U		<0.17	U		<0.00033	U		79			20		
		VMP-47-30-072516	7/25/2016	1.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-47-30-102616	10/26/2016	1.1			<0.028	U		<0.0028	U		<0.0028	U		0.016	J		<0.00028	U		79			20		
VMP-48	5 ft	VMP-48-5-020215	2/2/2015	0.32			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00022	J		80			20		
		VMP-48-5-042815	4/28/2015	0.37			<0.026	U		<0.0026	U		<0.0026	U		0.011	J		<0.00026	U		80			20		
		VMP-48-5-072115	7/21/2015	6.9			<0.03	U		<0.003	U		<0.003	U		0.049	J		<0.0003	U		80			13		
		VMP-48-5-102015	10/20/2015	1.6			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			20		
		VMP-48-5-012916	1/29/2016	0.37			<0.032	U		<0.0032	U		<0.0032	U		0.087	J		0.00015	J		79			21		
		VMP-48-5-042516	4/25/2016	1.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-48-5-072516	7/25/2016	3.4			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		84			13		
		VMP-48-5-102616	10/26/2016	2.6			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			19		
	10 ft	VMP-48-10-020215	2/2/2015	0.66			<0.024	U		<0.0024	U		<0.0024	U		0.037	J		0.00011	J		79			20		
		VMP-48-10-042815	4/28/2015	0.91			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-48-10-042815-DUP	4/28/2015	0.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-48-10-072115	7/21/2015	5.4			<0.028	U		<0.0028	U		<0.0028	U		0.029	J		<0.00028	U		80			15		
		VMP-48-10-102015	10/20/2015	2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			20		
		VMP-48-10-012916	1/29/2016	0.72			<0.027	U		<0.0027	U		<0.0027	U		0.034	J		<0.00027	U		78			21		
		VMP-48-10-042516	4/25/2016	0.87			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-48-10-072516	7/25/2016	2.8			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			17		
		VMP-48-10-102616	10/26/2016	5			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			16		
	20 ft	VMP-48-20-020215	2/2/2015	2.4			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.000022	J		79			19		
		VMP-48-20-042815	4/28/2015	0.87			<0.024	U		<0.0024	U		<0.0024	U		0.37			<0.00024	U		79			20		
		VMP-48-20-102015	10/20/2015	3.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			18		
		VMP-48-20-042516	4/25/2016	1.2			<0.04	U		<0.004	U		<0.004	U		0.01	J		<0.0004	U		78			21		
		VMP-48-20-102616	10/26/2016	5.1			<0.025	U		<0.0025	U		<0.0025	U		0.013	J		<0.00025	U		80			15		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-48	30 ft	VMP-48-30-020215	2/2/2015	5.2			<0.02	U		<0.002	U		<0.002	U		0.37			0.000038	J		77			17		
		VMP-48-30-042815	4/28/2015	8.7			<0.03	U		<0.003	U		<0.003	U		0.15	J		<0.0003	U		81			10		
		VMP-48-30-080315	8/3/2015	3.2			<0.029	U		<0.0029	U		<0.0029	U		0.12	J		<0.00029	U		80			17		
		VMP-48-30-102015	10/20/2015	5.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			16		
		VMP-48-30-102015-DUP	10/20/2015	5.3			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			16		
		VMP-48-30-012916	1/29/2016	4.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			18		
		VMP-48-30-042516	4/25/2016	3.2			<0.032	U		<0.0032	U		<0.0032	U		0.0076	J		<0.00032	U		78			19		
		VMP-48-30-042516-DUP	4/25/2016	3.2			<0.028	U		<0.0028	U		<0.0028	U		0.012	J		<0.00028	U		78			19		
		VMP-48-30-072516	7/25/2016	2.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			18		
		VMP-48-30-102616	10/26/2016	3.2		J	<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
		VMP-48-30-102616-Dup	10/26/2016	5.1		J	<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			16		
VMP-49	5 ft	VMP-49-5-020215	2/3/2015	0.18			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.000034	J		80			20		
		VMP-49-5-042815	4/28/2015	1.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-49-5-073015	7/30/2015	0.68			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-49-5-110315	11/3/2015	0.33			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			21		
		VMP-49-5-020116	2/1/2016	0.14			<0.028	U		<0.0028	U		<0.0028	U		0.049	J		<0.00028	U		79			21		
		VMP-49-5-042616	4/26/2016	0.37			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			20		
		VMP-49-5-080116	8/1/2016	0.71			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-49-5-102716	10/27/2016	0.46			<0.027	U		<0.0027	U		<0.0027	U		0.014	J		<0.00027	U		80			20		
	10 ft	VMP-49-10-020215	2/3/2015	0.26			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00014	J		80			20		
		VMP-49-10-042815	4/28/2015	1.2			<0.03	U		<0.003	U		<0.003	U		0.019	J		<0.0003	U		81			18		
		VMP-49-10-073015	7/30/2015	2.2			<0.03	U		<0.003	U		<0.003	U		0.027	J		<0.0003	U		79			19		
		VMP-49-10-110315	11/3/2015	0.4			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			21		
		VMP-49-10-020116	2/1/2016	0.22			<0.029	U		<0.0029	U		<0.0029	U		0.1	J		0.00018	J		79			21		
		VMP-49-10-042616	4/26/2016	0.87			<0.032	U		<0.0032	U		<0.0032	U		0.0064	J		0.00012	J		80			19		
		VMP-49-10-080116	8/1/2016	2.4			<0.025	U		<0.0025	U		<0.0025	U		0.021	J		0.00016	J		79			19		
		VMP-49-10-102716	10/27/2016	0.71			<0.027	U		<0.0027	U		<0.0027	U		0.074	J		0.00015	J		79			20		
	20 ft	VMP-49-20-020215	2/3/2015	0.24			<0.026	U		<0.0026	U		<0.0026	U		0.01	J		0.00019	J		80			20		
		VMP-49-20-073015	7/30/2015	2			<0.028	U		<0.0028	U		<0.0028	U		0.38			0.00019	J		79			19		
		VMP-49-20-110315	11/3/2015	0.26			<0.024	U		<0.0024	U		<0.0024	U		0.025	J		0.0002	J		79			21		
		VMP-49-20-020116	2/1/2016	0.19			<0.026	U		<0.0026	U		<0.0026	U		1.7			0.00014	J		77			21		
		VMP-49-20-042616	4/26/2016	0.77			<0.026	U		<0.0026	U		<0.0026	U		0.31			0.00012	J		79			20		
		VMP-49-20-080116	8/1/2016	1.7			<0.026	U		<0.0026	U		<0.0026	U		2.4			0.00015	J		77			19		
		VMP-49-20-102716	10/27/2016	0.69			<0.026	U		<0.0026	U		<0.0026	U		1.9			0.00013	J		77			20		
	30 ft	VMP-49-30-020215	2/3/2015	3.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00009	J		81			16		
		VMP-49-30-042815	4/28/2015	3.6			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		78			18		
		VMP-49-30-073015	7/30/2015	13			<0.03	U		<0.003	U		<0.003	U		0.025	J		0.25			84			2.5		
		VMP-49-30-073015-DUP	7/30/2015	13			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.25			84			2.4		
		VMP-49-30-110315	11/3/2015	13			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		81			6.4		
		VMP-49-30-110315-DUP	11/3/2015	13			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		81			6.2		
		VMP-49-30-020116	2/1/2016	14			<0.028	U		<0.0028	U		<0.0028	U		0.04	J		<0.00028	U		78			7.9		
		VMP-49-30-020116-DUP	2/1/2016	14			<0.026	U		<0.0026	U		<0.0026	U		0.031	J		<0.00026	U		78			7.8		
		VMP-49-30-042716	4/27/2016	12			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			9.3		
		VMP-49-30-042716-DUP	4/27/2016	12			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			9.6		
		VMP-49-30-080116	8/1/2016	8.9			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			11		
		VMP-49-30-080116-DUP	8/1/2016	7.4			<0.029	U		<0.0029	U		<0.0029	U		0.0068	J		<0.00029	U		80			13		
		VMP-49-30-102716	10/27/2016	9.7			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			10		
VMP-50	5 ft	VMP-50-5-021015	2/10/2015	0.31			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0001	J		80			20		
		VMP-50-5-050515	5/5/2015	0.75			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-50-5-073015	7/30/2015	2.3			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			19		
		VMP-50-5-110315	11/3/2015	0.68			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			21		
		VMP-50-5-020216	2/2/2016	0.17			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-50-5-050316	5/3/2016	1.2			<0.026	U		<0.0026	U		<0.0026	U		0.013	J		<0.00026	U		80			19		
		VMP-50-5-080216	8/2/2016	5.9			<0.036	U		<0.0036	U		<0.0036	U		<0.18	U		<0.00036	U		80			14		
		VMP-50-5-103116	10/31/2016	3.1			<0.046	U		<0.0046	U		<0.0046	U		<0.23	U		<0.00046	U		79			18		
	10 ft	VMP-50-10-021015	2/10/2015	0.46			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.000059	J		78			21		
		VMP-50-10-050515	5/5/2015	0.74			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-50-10-073015	7/30/2015	2			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			19		
		VMP-50-10-110315	11/3/2015	1.1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-50-10-020216	2/2/2016	0.32			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-50-10-050316	5/3/2016	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-50-10-082616	8/26/2016	4.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			14		
		VMP-50-10-103116	10/31/2016	5.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			15		
	20 ft	VMP-50-20-021015	2/10/2015	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000073	J		79			20		
		VMP-50-20-050515	5/5/2015	0.97			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
		VMP-50-20-073015	7/30/2015	2.4			<0.028	U		<0.0028	U		<0.0028	U		0.016	J		<0.00028	U		80			18		
		VMP-50-20-110315	11/3/2015	1.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			20		
		VMP-50-20-020216	2/2/2016	0.94			<0.034	U		<0.0034	U		<0.0034	U		<0.17	U		<0.00034	U		78			21		
		VMP-50-20-050316	5/3/2016	1.6			<0.032	U		<0.0032	U		<0.0032	U		0.012	J		<0.00032	U		79			19		
		VMP-50-20-082616	8/26/2016	3.4			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		81			16		
		VMP-50-20-103116	10/31/2016	5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			15		

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-50	30 ft	VMP-50-30-021015	2/10/2015	1.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0019			79			19		
		VMP-50-30-050515	5/5/2015	1.5			<0.03	U		<0.003	U		<0.003	U		0.019	J		0.00034			79			19		
		VMP-50-30-061515-R	6/15/2015	1.6			<0.028	U		<0.0028	U		<0.0028	U		0.021	J		0.00029			79			19		
		VMP-50-30-073015	7/30/2015	1.6			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		80			18		
		VMP-50-30-110315	11/3/2015	1.5			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.0002	J		78			20		
		VMP-50-30-020216	2/2/2016	1.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0008			79			20		
		VMP-50-30-020216-DUP	2/2/2016	1.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00084			79			20		
		VMP-50-30-050316	5/3/2016	1			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00019	J		80			19		
		VMP-50-30-080216	8/2/2016	1.9			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0037			80			18		
		VMP-50-30-103116	10/31/2016	2.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0089			78			19		
VMP-51	5 ft	VMP-51-5-020315	2/3/2015	0.13			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00016	J		80			20		
		VMP-51-5-042915	4/29/2015	0.22			<0.028	U		<0.0028	U		<0.0028	U		0.28			0.00017	J		78			21		
		VMP-51-5-072115	7/21/2015	0.42			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-51-5-102815	10/28/2015	0.12			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			20		
		VMP-51-5-012516	1/25/2016	0.051			<0.022	U		<0.0022	U		<0.0022	U		0.11	J		<0.00022	U		83			17		
		VMP-51-5-042816	4/28/2016	0.23			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00013	J		80			20		
		VMP-51-5-072716	7/27/2016	1.6			<0.028	U		<0.0028	U		<0.0028	U		0.025	J		<0.00028	U		81			17		
		VMP-51-5-101916	10/19/2016	0.43			<0.028	U		<0.0028	U		<0.0028	U		0.012	J		0.00011	J		80			20		
	10 ft	VMP-51-10-020315	2/3/2015	0.17			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000073	J		80			20		
		VMP-51-10-042915	4/29/2015	0.37			<0.027	U		<0.0027	U		<0.0027	U		0.57			<0.00027	U		78			21		
		VMP-51-10-072115	7/21/2015	0.89			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			19		
		VMP-51-10-102815	10/28/2015	0.21			<0.027	U		<0.0027	U		<0.0027	U		0.058	J		<0.00027	U		79			21		
		VMP-51-10-012516	1/25/2016	0.14			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-51-10-042816	4/28/2016	0.48			<0.027	U		<0.0027	U		<0.0027	U		<0.14	J	U	0.00009	J		80			20		
		VMP-51-10-042816-DUP	4/28/2016	0.45			<0.028	U		<0.0028	U		<0.0028	U		<0.14	J	U	0.000093	J		80			20		
		VMP-51-10-072716	7/27/2016	1.7			<0.029	U		<0.0029	U		<0.0029	U		0.013	J		<0.00029	U		81			17		
		VMP-51-10-101916	10/19/2016	0.81			<0.023	U		<0.0023	U		<0.0023	U		0.043	J		<0.00023	U		79			20		
	20 ft	VMP-51-20-020315	2/3/2015	0.59			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00002	J		79			20		
		VMP-51-20-042915	4/29/2015	0.42			<0.025	U		<0.0025	U		<0.0025	U		0.57			<0.00025	U		79			20		
		VMP-51-20-072115	7/21/2015	1.4			<0.036	U		<0.0036	U		<0.0036	U		<0.18	U		<0.00036	U		80			19		
		VMP-51-20-102815	10/28/2015	0.82			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-51-20-012516	1/25/2016	0.42			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-51-20-052516-R	5/25/2016	0.77			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-51-20-072716	7/27/2016	1.2			<0.032	U		<0.0032	U		<0.0032	U		0.0092	J		<0.00032	U		80			19		
		VMP-51-20-101916-Dup	10/19/2016	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-51-20-101916	10/19/2016	2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
	30 ft	VMP-51-30-020315	2/3/2015	1.1			<0.025	U		<0.0025	U		<0.0025	U		0.042	J		0.000069	J		79			20		
		VMP-51-30-020315-DUP	2/3/2015	1.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000029	J		79			20		
		VMP-51-30-042915	4/29/2015	0.73			<0.027	U		<0.0027	U		<0.0027	U		0.43			<0.00027	U		79			20		
		VMP-51-30-042915-DUP	4/29/2015	0.74			<0.027	U		<0.0027	U		<0.0027	U		0.41			<0.00027	U		79			20		
		VMP-51-30-072115	7/21/2015	1.5			<0.026	U		<0.0026	U		<0.0026	U		0.1	J		<0.00026	U		80			19		
		VMP-51-30-102815	10/28/2015	1.2			<0.031	U		<0.0031	U		<0.0031	U		0.047	J		<0.00031	U		79			20		
		VMP-51-30-012516	1/25/2016	0.86			<0.027	U		<0.0027	U		<0.0027	U		0.041	J		<0.00027	U		79			20		
		VMP-51-30-012516-DUP	1/25/2016	0.87			<0.027	U		<0.0027	U		<0.0027	U		0.041	J		<0.00027	U		79			20		
		VMP-51-30-042816	4/28/2016	0.76			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-51-30-072716	7/27/2016	1.5			<0.027	U		<0.0027	U		<0.0027	U		0.022	J		<0.00027	U		80			19		
		VMP-51-30-072716-DUP	7/27/2016	1.5			<0.026	U		<0.0026	U		<0.0026	U		0.0056	J		<0.00026	U		80			19		
		VMP-51-30-101916	10/19/2016	1.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
VMP-52	5 ft	VMP-52-5-020415	2/4/2015	1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00011	J		79			20		
		VMP-52-5-042915	4/29/2015	2.1			<0.029	U		<0.0029	U		<0.0029	U		0.28			<0.00029	U		79			19		
		VMP-52-5-072715	7/27/2015	6.9			<0.029	U		<0.0029	U		<0.0029	U		0.12	J		<0.00029	U		78			15		
		VMP-52-5-102915	10/29/2015	1.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-52-5-012516	1/25/2016	0.56			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00011	J		78			21		
		VMP-52-5-042516	4/25/2016	1.1			<0.025	U		<0.0025	U		<0.0025	U		0.013	J		<0.00025	U		80			19		
		VMP-52-5-072716	7/27/2016	4.5			<0.029	U		<0.0029	U		<0.0029	U		0.0069	J		<0.00029	U		84			12		
		VMP-52-5-102716	10/27/2016	2.8			<0.025	U		<0.0025	U		<0.0025	U		0.087	J		<0.00025	U		79			18		
	10 ft	VMP-52-10-020415	2/4/2015	4.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			17		
		VMP-52-10-042915	4/29/2015	3.7			<0.033	U		<0.0033	U		<0.0033	U		0.2			<0.00033	U		78			18		
		VMP-52-10-072715	7/27/2015	6.1			<0.027	U		<0.0027	U		<0.0027	U		0.12	J		<0.00027	U		82			12		
		VMP-52-10-102915	10/29/2015	7.6			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		75			17		
		VMP-52-10-012516	1/25/2016	3.7			<0.025	U		<0.0025	U		<0.0025	U		0.021	J		<0.00025	U		78			18		
		VMP-52-10-042516	4/25/2016	2.6			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		79			18		
		VMP-52-10-072716	7/27/2016	3.4			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		86			11		
		VMP-52-10-102716	10/27/2016	6.4			<0.027	U		<0.0027	U		<0.0027	U		0.01	J		<0.00027	U		80			14		
	20 ft	VMP-52-20-020415	2/4/2015	4.8			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.000033	J		78			17		
		VMP-52-20-042915	4/29/2015	3.3			<0.027	U		<0.0027	U		<0.0027	U		0.25			<0.00027	U		78			18		
		VMP-52-20-072715	7/27/2015	2.8			<0.028	U		<0.0028	U		<0.0028	U		0.11	J		<0.00028	U		79			18		
		VMP-52-20-102915	10/29/2015	4.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			16		
		VMP-52-20-012516	1/25/2016	3.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			18		
		VMP-52-20-042516	4/25/2016	2.6			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			18		
		VMP-52-20-072716	7/27/2016	2.8			<0.033	U		<0.0033	U		<0.0033	U		<0.16	U		<0.00033	U		80			17		
		VMP-52-20-102716	10/27/2016	3.8			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			17		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-52	30 ft	VMP-52-30-020415	2/4/2015	5.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.000057	J		79			16		
		VMP-52-30-020415-DUP	2/4/2015	5.3			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.000056	J		79			16		
		VMP-52-30-042915	4/29/2015	4.1			<0.024	U		<0.0024	U		<0.0024	U		0.22			<0.00024	U		79			17		
		VMP-52-30-072715	7/27/2015	3.7			<0.028	U		<0.0028	U		<0.0028	U		0.099	J		<0.00028	U		79			17		
		VMP-52-30-102915	10/29/2015	4.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			16		
		VMP-52-30-020216-R	2/2/2016	4			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			17		
		VMP-52-30-042516	4/25/2016	3.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
		VMP-52-30-072716	7/27/2016	3			<0.033	U		<0.0033	U		<0.0033	U		<0.16	U		<0.00033	U		80			17		
		VMP-52-30-102716	10/27/2016	4.1			<0.039	U		<0.0039	U		<0.0039	U		<0.2	U		<0.00039	U		80			16		
VMP-53	5 ft	VMP-53-5-020415	2/4/2015	0.25			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00013	J		79			21		
		VMP-53-5-050415	5/4/2015	0.75			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			20		
		VMP-53-5-072415	7/24/2015	1.9			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		79			19		
		VMP-53-5-102815	10/28/2015	0.77			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-53-5-012816	1/28/2016	0.22			<0.027	U		<0.0027	U		<0.0027	U		0.019	J		<0.00027	U		80			20		
		VMP-53-5-042816	4/28/2016	0.7			<0.025	U		<0.0025	U		<0.0025	U		0.027	J		<0.00025	U		79			20		
		VMP-53-5-072916	7/29/2016	2.3			<0.032	U		<0.0032	U		<0.0032	U		0.011	J		<0.00032	U		80			18		
		VMP-53-5-102516	10/25/2016	1.2			<0.027	U		<0.0027	U		<0.0027	U		0.0089	J		<0.00027	U		79			20		
		VMP-53-5-120916	12/9/2016	0.98			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			19		
	10 ft	VMP-53-10-020415	2/4/2015	0.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.000034	J		79			21		
		VMP-53-10-050415	5/4/2015	0.55			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-53-10-072415	7/24/2015	1.4			<0.028	U		<0.0028	U		<0.0028	U		0.017	J		<0.00028	U		79			20		
		VMP-53-10-102815	10/28/2015	0.74			<0.026	U		<0.0026	U		<0.0026	U		0.017	J		<0.00026	U		79			20		
		VMP-53-10-012816	1/28/2016	0.21			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		79			21		
		VMP-53-10-042816	4/28/2016	0.55			<0.029	U		<0.0029	U		<0.0029	U		0.059	J		<0.00029	U		79			20		
		VMP-53-10-082616	8/26/2016	1.6			<0.025	U		<0.0025	U		<0.0025	U		0.015	J		<0.00025	U		79			19		
		VMP-53-10-102516	10/25/2016	1.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-53-10-120916	12/9/2016	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
	20 ft	VMP-53-20-020415	2/4/2015	0.53			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.000028	J		78			21		
		VMP-53-20-050415	5/4/2015	0.51			<0.027	U		<0.0027	U		<0.0027	U		0.24			<0.00027	U		79			20		
		VMP-53-20-072415	7/24/2015	1.6			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			19		
		VMP-53-20-102815	10/28/2015	1.3			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-53-20-021616	2/16/2016	0.57			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		78			21		
		VMP-53-20-042816	4/28/2016	0.63			<0.027	U		<0.0027	U		<0.0027	U		0.0057	J		<0.00027	U		79			20		
		VMP-53-20-072916	7/29/2016	1.6			<0.03	U		<0.003	U		<0.003	U		0.0071	J		<0.0003	U		80			18		
		VMP-53-20-102516	10/25/2016	2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-53-20-120916	12/9/2016	2.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			18		
	30 ft	VMP-53-30-020415	2/4/2015	2.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000029	J		78			20		
		VMP-53-30-050415	5/4/2015	1.6			<0.03	U		<0.003	U		<0.003	U		0.02	J		<0.0003	U		79			19		
		VMP-53-30-072415	7/24/2015	2.1			<0.028	U		<0.0028	U		<0.0028	U		0.038	J		<0.00028	U		80			18		
		VMP-53-30-102815	10/28/2015	3			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			18		
		VMP-53-30-012816	1/28/2016	2.6			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			19		
		VMP-53-30-042816	4/28/2016	1.8			<0.031	U		<0.0031	U		<0.0031	U		0.0075	J		<0.00031	U		79			19		
		VMP-53-30-052516-R	5/25/2016	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-53-30-072916	7/29/2016	1.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-53-30-102516	10/25/2016	3.4			<0.049	U		<0.0049	U		<0.0049	U		<0.24	U		<0.00049	U		80			17		
		VMP-53-30-120916	12/9/2016	3.4			<0.029	U		<0.0029	U		<0.0029	U		0.11	J		0.0002	J		80			17		
VMP-54	5 ft	VMP-54-5-020515	2/5/2015	0.98			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000053	J		79			20		
		VMP-54-5-050415	5/4/2015	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-54-5-072415	7/24/2015	4.2			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		80			16		
		VMP-54-5-102715	10/27/2015	3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			19		
		VMP-54-5-012816	1/28/2016	0.99			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		78			21		
		VMP-54-5-042916	4/29/2016	1.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-54-5-080116	8/1/2016	4.4			<0.028	U		<0.0028	U		<0.0028	U		0.064	J		<0.00028	U		80			16		
		VMP-54-5-102816	10/28/2016	3.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			17		
	10 ft	VMP-54-10-020515	2/5/2015	1.3			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			19		
		VMP-54-10-050415	5/4/2015	1.3			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-54-10-072415	7/24/2015	2.8			<0.033	U		<0.0033	U		<0.0033	U		0.013	J		<0.00033	U		80			17		
		VMP-54-10-102715	10/27/2015	3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			18		
		VMP-54-10-012816	1/28/2016	1.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			20		
		VMP-54-10-042916	4/29/2016	1.6			<0.029	U		<0.0029	U		<0.0029	U		<0.14	J	U	<0.00029	U		79			19		
		VMP-54-10-080116	8/1/2016	2.9			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			17		
		VMP-54-10-102816	10/28/2016	3.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			17		
	20 ft	VMP-54-20-020515	2/5/2015	2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.000024	J		79			19		
		VMP-54-20-050415	5/4/2015	1.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-54-20-072415	7/24/2015	1.7			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			18		
		VMP-54-20-102715	10/27/2015	2.8			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			17		
		VMP-54-20-102715-DUP	10/27/2015	2.9			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			18		
		VMP-54-20-012816	1/28/2016	2			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			19		
		VMP-54-20-050516	5/5/2016	1.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-54-20-050516-DUP	5/5/2016	1.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-54-20-080116	8/1/2016	2			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		81			17		
		VMP-54-20-102816	10/28/2016	2.8			<0.036	U		<0.0036	U		<0.0036	U		<0.18	U		<0.00036	U		80			17		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-54	30 ft	VMP-54-30-021215	2/12/2015	0.25			<0.024	U		<0.0024	U		<0.0024	U		0.68			0.00022	J		79			20		
		VMP-54-30-050415	5/4/2015	1.1			<0.029	U		<0.0029	U		<0.0029	U		2.1			<0.00029	U		78			19		
		VMP-54-30-080315	8/3/2015	2.8			<0.031	U		<0.0031	U		<0.0031	U		1.8			<0.00031	U		77			18		
		VMP-54-30-102715	10/27/2015	1.6			<0.024	U		<0.0024	U		<0.0024	U		0.012	J		<0.00024	U		80			18		
		VMP-54-30-012816	1/28/2016	0.56			<0.029	U		<0.0029	U		<0.0029	U		1.2			0.00015	J		77			21		
		VMP-54-30-042916	4/29/2016	0.82			<0.026	U		<0.0026	U		<0.0026	U		2			0.00011	J		78			19		
		VMP-54-30-042916-DUP	4/29/2016	0.81			<0.027	U		<0.0027	U		<0.0027	U		2.1			0.00013	J		78			19		
		VMP-54-30-080116	8/1/2016	3.3			<0.027	U		<0.0027	U		<0.0027	U		0.6			0.00011	J		79			17		
		VMP-54-30-102816	10/28/2016	2.1			<0.033	U		<0.0033	U		<0.0033	U		0.66			<0.00033	U		79			18		
VMP-55	5 ft	VMP-55-5-020515	2/5/2015	15			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00038			82			3		
		VMP-55-5-050615	5/6/2015	17			<0.025	U		<0.0025	U		<0.0025	U		0.21			0.00028			80			2.7		
		VMP-55-5-110215	11/2/2015	17			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.013			80			2.5		
		VMP-55-5-020416	2/4/2016	14			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00029			83			3		
		VMP-55-5-082616	8/26/2016	19			<0.031	U		<0.0031	U		<0.0031	U		0.064	J		0.00028	J		78			2.6		
	20 ft	VMP-55-20-020515	2/5/2015	17			<0.026	U		0.0062			<0.0026	U		2.5			0.92			77			2.4		
		VMP-55-20-050615	5/6/2015	15			<0.027	U		0.033			<0.0027	U		<0.14	U		2.1			81			1.9		
		VMP-55-20-072915	7/29/2015	15			<0.027	U		0.00027	J		<0.0027	U		<0.14	U		0.17			82			3.2		
		VMP-55-20-072915-DUP	7/29/2015	15			<0.029	U		0.00028	J		<0.0029	U		<0.14	U		0.17			82			2.3		
		VMP-55-20-110215	11/2/2015	18			<0.024	U		0.00077	J		<0.0024	U		<0.12	U		2.1			78			1.7		
		VMP-55-20-020416	2/4/2016	17			<0.026	U		0.00031	J		<0.0026	U		0.02	J		0.97			80			1.8		
		VMP-55-20-020416-DUP	2/4/2016	17			<0.024	U		0.00029	J		<0.0024	U		0.024	J		0.97			80			1.8		
		VMP-55-20-050416	5/4/2016	17			<0.029	U		0.00073	J		<0.0029	U		<0.14	U		2.2			79			1.4		
		VMP-55-20-080316	8/3/2016	18			<0.03	U		0.00087	J		<0.003	U		0.035	J		2.6			78			1.4		
		VMP-55-20-110116	11/1/2016	19			<0.028	U		0.0007	J		<0.0028	U		0.0074	J		2.7			76			2.7		
	30 ft	VMP-55-30-030915	3/9/2015	11			<0.028	U		0.013			<0.0028	U		<0.14	U		2			85			2.1		
		VMP-55-30-050615	5/6/2015	10			<0.028	U		0.038			<0.0028	U		<0.14	U		2.4			86			1.6		
		VMP-55-30-050615-DUP	5/6/2015	9.9			<0.028	U		0.039			<0.0028	U		<0.14	U		2.4			86			1.7		
		VMP-55-30-061515-Dup-R	6/15/2015	12			<0.032	U		0.00092	J		<0.0032	U		<0.16	U		0.42			86			1.8		
		VMP-55-30-061515-R	6/15/2015	12			<0.026	U		0.00092	J		<0.0026	U		<0.13	U		0.42			86			1.6		
VMP-56	10 ft	VMP-56-10-021015	2/10/2015	0.062			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000099	J		79			21		
		VMP-56-10-110315	11/3/2015	0.12			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-56-10-020416	2/4/2016	0.093			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0001	J		80			20		
		VMP-56-10-050516	5/5/2016	0.36			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-56-10-072716	7/27/2016	1.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-56-10-102416	10/24/2016	0.51			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			21		
	25 ft	VMP-56-25-021015	2/10/2015	0.12			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000056	J		79			21		
		VMP-56-25-050715	5/7/2015	0.38			<0.028	U		<0.0028	U		<0.0028	U		0.067	J		<0.00028	U		80			20		
		VMP-56-25-073115	7/31/2015	0.53			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-56-25-110315	11/3/2015	0.16			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-56-25-020416	2/4/2016	0.12			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00067			80			20		
		VMP-56-25-050516	5/5/2016	0.46			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			20		
		VMP-56-25-050516-DUP	5/5/2016	0.44			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			20		
		VMP-56-25-072716	7/27/2016	1.1			<0.033	U		<0.0033	U		<0.0033	U		0.019	J		<0.00033	U		80			19		
		VMP-56-25-102416	10/24/2016	0.8			<0.026	U		<0.0026	U		<0.0026	U		0.008	J		<0.00026	U		79			20		
	38.5 ft	VMP-56-38.5-021015	2/10/2015	2.3			<0.027	U		0.0012	J		0.00013	J		<0.13	U		0.5			78			16		
		VMP-56-38.5-050715	5/7/2015	10			<0.024	U		0.0017	J		<0.0024	U		0.011	J		8.3			73			1.9		
		VMP-56-38.5-061515-R	6/15/2015	12			<0.03	U		0.0011	J		<0.003	U		<0.15	U		5.7			76			3.1		
		VMP-56-38.5-073115	7/31/2015	9.4			<0.026	U		0.0022	J		0.00033	J		<0.13	U		3.9			80			5		
		VMP-56-38.5-073115-DUP	7/31/2015	9.3			<0.031	U		0.0023	J		0.00032	J		<0.15	U		3.9			80			5.2		
		VMP-56-38.5-110315	11/3/2015	1.6			<0.03	U		0.0008	J		<0.003	U		<0.15	U		0.034			75			19		
		VMP-56-38.5-110315-DUP	11/3/2015	1.6			<0.026	U		0.00078	J		<0.0026	U		<0.13	U		0.034			75			18		
		VMP-56-38.5-020416	2/4/2016	5.6			<0.027	U		0.0077			0.00052	J		<0.14	U		0.41			78			10		
VMP-62	5 ft	VMP-62-5-020315	2/3/2015	0.65			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000034	J		79			20		
		VMP-62-5-042815	4/28/2015	1.7			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			18		
		VMP-62-5-072415	7/24/2015	5.4			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			16		
		VMP-62-5-102015	10/20/2015	1.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		84			15		
		VMP-62-5-012816	1/28/2016	0.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-62-5-042516	4/25/2016	1.9			<0.024	U		<0.0024	U		<0.0024	U		0.0088	J		<0.00024	U		79			19		
		VMP-62-5-072616	7/26/2016	4.9			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		82			13		
		VMP-62-5-102416	10/24/2016	2.4			<0.026	U		<0.0026	U		<0.0026	U		0.11	J		<0.00026	U		80			18		
	10 ft	VMP-62-10-020315	2/3/2015	0.96			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.000034	J		79			20		
		VMP-62-10-042815	4/28/2015	1.4			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			19		
		VMP-62-10-072415	7/24/2015	4.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			16		
		VMP-62-10-102015	10/20/2015	2.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-62-10-012816	1/28/2016	1.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-62-10-042516	4/25/2016	1.4			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		80			19		
		VMP-62-10-072616	7/26/2016	3.7			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		80			16		
		VMP-62-10-102416	10/24/2016	2.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19		
	20 ft	VMP-62-20-020315	2/3/2015	0.8			<0.03	U		<0.003	U		<0.003	U		<0.15	U		0.000031	J		79			20		
		VMP-62-20-042815	4/28/2015	1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-62-20-072415	7/24/2015	3.3			<0.026	U		<0.0026	U		<0.0026	U		0.025	J		<0.00026	U		80			17		
		VMP-62-20-102015	10/20/2015	1.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			20		
		VMP-62-20-012816	1/28/2016	0.94			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		78			21		
		VMP-62-20-042516	4/25/2016	1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			19		
		VMP-62-20-072616	7/26/2016	2			<0.026	U		<0.0026	U		<0.0026	U		0.0054	J		<0.00026	U		80			18		
		VMP-62-20-102416	10/24/2016	1.4			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00011	J		79			20		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-62	30 ft	VMP-62-30-020315	2/3/2015	1.4			<0.026	U		<0.0026	U		<0.0026	U		0.017	J		<0.00026	U		81			18		
		VMP-62-30-042815	4/28/2015	0.62			<0.028	U		<0.0028	U		<0.0028	U		0.1	J		<0.00028	U		80			19		
		VMP-62-30-072415	7/24/2015	2.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-62-30-102015	10/20/2015	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-62-30-012816	1/28/2016	0.72			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		78			21		
		VMP-62-30-012816-DUP	1/28/2016	0.73			<0.025	U		<0.0025	U		<0.0025	U		0.018	J		<0.00025	U		78			21		
		VMP-62-30-042516	4/25/2016	0.58			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-62-30-072616	7/26/2016	1.7			<0.029	U		<0.0029	U		<0.0029	U		0.01	J		<0.00029	U		80			18		
		VMP-62-30-072616-DUP	7/26/2016	1.7			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		80			18		
		VMP-62-30-102416	10/24/2016	1.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-62-30-102416-Dup	10/24/2016	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
VMP-63	5 ft	VMP-63-5-020315	2/3/2015	0.081			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00015	J		79			21		
		VMP-63-5-042815	4/28/2015	0.27			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			21		
		VMP-63-5-072415	7/24/2015	0.51			<0.028	U		<0.0028	U		<0.0028	U		0.016	J		<0.00028	U		79			20		
		VMP-63-5-102615	10/26/2015	0.14			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-63-5-012816	1/28/2016	0.056			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		78			22		
		VMP-63-5-042616	4/26/2016	0.28			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		80			20		
		VMP-63-5-072516	7/25/2016	0.43			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			19		
		VMP-63-5-102416	10/24/2016	0.14			<0.026	U		<0.0026	U		<0.0026	U		0.029	J		0.00014	J		79			21		
	10 ft	VMP-63-10-020315	2/3/2015	0.096			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00011	J		79			21		
		VMP-63-10-042815	4/28/2015	0.36			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-63-10-072415	7/24/2015	0.79			<0.027	U		<0.0027	U		<0.0027	U		0.027	J		<0.00027	U		79			20		
		VMP-63-10-102615	10/26/2015	0.19			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-63-10-012816	1/28/2016	0.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		78			22		
		VMP-63-10-042616	4/26/2016	0.34			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			20		
		VMP-63-10-072516	7/25/2016	0.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	J	U	<0.00028	U		80			19		
		VMP-63-10-102416	10/24/2016	0.24			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
	20 ft	VMP-63-20-020315	2/3/2015	0.15			<0.026	U		<0.0026	U		<0.0026	U		0.21			0.000042	J		79			21		
		VMP-63-20-020315-DUP	2/3/2015	0.16			<0.024	U		<0.0024	U		<0.0024	U		0.21			0.000039	J		79			21		
		VMP-63-20-042815	4/28/2015	0.04			<0.026	U		<0.0026	U		<0.0026	U		0.02	J		0.00017	J		78			22		
		VMP-63-20-072415	7/24/2015	0.64			<0.026	U		<0.0026	U		<0.0026	U		0.023	J		<0.00026	U		79			20		
		VMP-63-20-102615	10/26/2015	0.34			<0.025	U		<0.0025	U		<0.0025	U		0.018	J		<0.00025	U		79			21		
		VMP-63-20-012816	1/28/2016	0.16			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			22		
		VMP-63-20-042616	4/26/2016	0.23			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			20		
		VMP-63-20-042616-DUP	4/26/2016	0.23			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-63-20-072516	7/25/2016	0.76			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-63-20-102416	10/24/2016	0.37			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		80			20		
	30 ft	VMP-63-30-020315	2/3/2015	0.34			<0.025	U		<0.0025	U		<0.0025	U		0.47			0.000053	J		79			20		
		VMP-63-30-042815	4/28/2015	0.29			<0.028	U		<0.0028	U		<0.0028	U		0.62			<0.00028	U		79			20		
		VMP-63-30-072415	7/24/2015	1.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			19		
		VMP-63-30-102615	10/26/2015	0.58			<0.022	U		<0.0022	U		<0.0022	U		0.048	J		<0.00022	U		78			21		
		VMP-63-30-102615-DUP	10/26/2015	0.58			<0.026	U		<0.0026	U		<0.0026	U		0.056	J		<0.00026	U		78			21		
		VMP-63-30-012816	1/28/2016	0.37			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-63-30-042616	4/26/2016	0.36			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-63-30-072516	7/25/2016	0.92			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		79			20		
		VMP-63-30-072516-DUP	7/25/2016	0.9			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-63-30-102416	10/24/2016	0.67			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
VMP-64	5 ft	VMP-64-5-020315	2/3/2015	0.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00023	J		79			21		
		VMP-64-5-042815	4/28/2015	0.27			<0.027	U		<0.0027	U		<0.0027	U		0.029	J		<0.00027	U		79			21		
		VMP-64-5-072415	7/24/2015	0.76			<0.028	U		<0.0028	U		<0.0028	U		0.11	J		0.0002	J		79			20		
		VMP-64-5-102615	10/26/2015	0.4			<0.024	U		<0.0024	U		<0.0024	U		0.014	J		<0.00024	U		79			21		
		VMP-64-5-012816	1/28/2016	0.076			<0.028	U		<0.0028	U		<0.0028	U		0.52			0.00022	J		78			21		
		VMP-64-5-042616	4/26/2016	0.16			<0.032	U		<0.0032	U		<0.0032	U		0.028	J		0.00015	J		80			20		
		VMP-64-5-080216	8/2/2016	0.46			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00065			80			20		
		VMP-64-5-080216-DUP	8/2/2016	0.47			<0.03	U		<0.003	U		<0.003	U		<0.15	U		0.00028	J		80			20		
		VMP-64-5-102416	10/24/2016	0.19			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00013	J		79			21		
	10 ft	VMP-64-10-020315	2/3/2015	1.1			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.000095	J		80			19		
		VMP-64-10-042815	4/28/2015	0.92			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			20		
		VMP-64-10-072415	7/24/2015	2.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			18		
		VMP-64-10-102615	10/26/2015	2.2			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		78			20		
		VMP-64-10-012816	1/28/2016	0.96			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-64-10-042616	4/26/2016	0.97			<0.027	U		<0.0027	U		<0.0027	U		0.14			<0.00027	U		80			19		
		VMP-64-10-072216	7/22/2016	3.1			<0.022	U		<0.0022	U		<0.0022	U		0.19			0.000073	J		81			16		
		VMP-64-10-102416	10/24/2016	3.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.000089	J		79			18		

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TABLE 3-5
SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals	Result (%)	Lab Quals	AECOM Quals
VMP-64	20 ft	VMP-64-20-020315	2/3/2015	2.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.000054	J		79			19		
		VMP-64-20-042815	4/28/2015	2.2			<0.03	U		<0.003	U		<0.003	U		<0.15	U		<0.0003	U		80			18		
		VMP-64-20-072415	7/24/2015	3.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			17		
		VMP-64-20-102615	10/26/2015	3.5			<0.028	U		<0.0028	U		<0.0028	U		0.022	J		<0.00028	U		78			18		
		VMP-64-20-012816	1/28/2016	2.8			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			18		
		VMP-64-20-042616	4/26/2016	1.4			<0.028	U		<0.0028	U		<0.0028	U		0.053	J		<0.00028	U		80			19		
		VMP-64-20-042616-DUP	4/26/2016	1.4			<0.027	U		<0.0027	U		<0.0027	U		0.038	J		<0.00027	U		80			19		
		VMP-64-20-072216	7/22/2016	2.6			<0.026	U		<0.0026	U		<0.0026	U		0.0087	J		<0.00026	U		80			17		
		VMP-64-20-072216-DUP	7/22/2016	2.5			<0.028	U		<0.0028	U		<0.0028	U		0.01	J		<0.00028	U		80			18		
		VMP-64-20-102416	10/24/2016	4.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			17		
		VMP-64-20-102416-Dup	10/24/2016	4.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			17		

Notes:

Lab Qualifiers

J = Estimated value; results between the MDL and RL

U = Compound analyzed for but not detected above the RL

AECOM Qualifiers

J = Estimated detection

UJ = Estimated non-detect

U = Non-detect due to blank contamination

ND, UJ = Non-detected compound associated with low bias in the continuing calibration verification

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-6
SUMMARY OF INDOOR AND OUTDOOR AIR SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	1,2,4-Trimethylbenzene (mg/m3)			1,3,5-Trimethylbenzene (mg/m3)			1,3-Butadiene (mg/m3)			1,4-Dioxane (mg/m3)			2,2,4-Trimethylpentane (mg/m3)			Benzene (mg/m3)		
				0.0073															0.01		
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	IA-B	[redacted]	9/21/2011	0.0014			0.00053	J					<0.00068	ND		0.0022	J		0.0076		
	IA-C		9/21/2011	0.0013			0.00032	J					<0.00058	ND		0.0022	J		0.0033		
	OA-A		9/21/2011	0.0013			0.00055	J					<0.00058	ND		0.0028	J		0.033		
	OA-A-DUP		9/21/2011	0.0015			0.00042	J					<0.00062	ND		0.0024	J		0.029		
	IA-B		9/22/2011	0.0013			0.00051	J					<0.00056	ND		0.00099	J		0.01		
	IA-C		9/22/2011	0.001			0.00029	J					<0.00056	ND		0.00099	J		0.0073		
	OA-A		9/22/2011	0.0015			0.00063	J					<0.00067	ND		0.00091	J		0.086		
	IA-B		10/20/2011	<0.00082	J	U	<0.00082	ND					<0.0006	ND		<0.0039	ND		0.00027	J	
	IA-C		10/20/2011	<0.0008	ND		<0.0008	ND					<0.00058	ND		<0.0038	ND		0.00021	J	
	OA-A		10/20/2011	<0.00077	J	U	<0.00077	ND					<0.00056	ND		0.0014	J		0.0018		
	IA-B		8/19/2011	0.0011			0.00035	J					<0.00058	ND		0.004			0.0067		
	IA-C		8/19/2011	0.0012			0.00041	J					<0.00066	ND		0.0039	J		0.0075		
	IA-D		8/19/2011	0.0061			0.0022						0.00078			0.034			0.016		
	OA-A		8/19/2011	0.00078	J		0.00023	J					<0.00069	ND		0.0026	J		0.0028		
	IA-B		6/20/2012	0.00074	J	J	0.00015	J	J				<0.00063	ND	UJ	0.001	J		0.0015		
	IA-C		6/20/2012	<0.00076	ND	UJ	<0.00076	ND	UJ				<0.00056	ND	UJ	0.00059	J		0.0015		
	OA-A		6/20/2012	<0.00099	ND	UJ	<0.00099	ND	UJ				<0.00072	ND	UJ	0.00086	J		0.0017		
	OA-A-DUP		6/20/2012	<0.00079	ND	UJ	<0.00079	ND	UJ				<0.00058	ND	UJ	0.0008	J		0.0016		
	IA-B		11/1/2011	<0.00084	ND		<0.00084	ND					<0.00062	ND		0.00069	J		0.00094		
	IA-C		11/1/2011	0.00037	J		0.00011	J					<0.00057	ND		0.0012	J		0.00075		
	OA-A		11/1/2011	0.00022	J		0.00016	J					<0.00063	ND		0.0036	J		0.016		
	IA-B		7/15/2011	0.00085			0.00024	J					<0.00061	ND		0.001	J		0.0017		
	IA-C		7/15/2011	0.01			0.0033						<0.0019	ND		0.0028	J		0.0028		
	OA-A		7/15/2011	0.00058	J		0.00018	J					<0.00068	ND		0.0013	J		0.0017		
	IA-B		9/29/2011	0.00069	J		0.00024	J					<0.00062	ND		0.0018	J		0.0011		
	IA-C		9/29/2011	0.0008			0.00022	J					0.0026			0.0016	J		0.001		
	IA-D		9/29/2011	0.00082			0.00023	J					0.000095	J		0.0013	J		0.00097		
	OA-A		9/29/2011	0.00074	J		0.00022	J					0.00016	J		0.0017	J		0.001		
	IA-B		11/3/2011	<0.00079	J	U	<0.00079	ND					<0.00058	ND		0.0012	J		0.0013		
	IA-C		11/3/2011	<0.00078	J	U	0.00016	J					<0.00057	ND		0.0015	J		0.0013		
	IA-D		11/3/2011	<0.00075	J	U	<0.00075	ND					<0.00055	ND		0.0012	J		0.0012		
	IA-D-DUP		11/3/2011	<0.0008	J	U	<0.0008	ND					<0.00058	ND		0.0012	J		0.0012		
	OA-A		11/3/2011	0.00094			0.00038	J					<0.00052	ND		0.0016	J		0.022		
	IA-B		9/7/2011	<0.00079	ND		0.000082	J					<0.00058	ND		0.00033	J		0.00028	J	
	IA-C		9/7/2011	<0.0009	ND		<0.0009	ND					0.00047	J		<0.0043	ND		0.00027	J	
	OA-A		9/7/2011	0.00075	J		0.00032	J					<0.00063	ND		0.00051	J		0.065		
	OA-A-DUP		9/7/2011	0.00082	J		0.00022	J					<0.00062	ND		0.00045	J		0.12		
	IA-B		9/16/2011	0.00034	J		0.0001	J					<0.0006	ND		0.00066	J		0.00092		
	IA-C		9/16/2011	0.00025	J		<0.00081	ND					<0.00059	ND		0.00064	J		0.00076		
	OA-A		9/16/2011	0.00021	J		<0.00088	ND					<0.00064	ND		0.0009	J		0.0011		
	IA-B		10/14/2011	0.00022	J		0.000083	J					<0.00058	ND		0.00052	J		0.00045	J	
	OA-A		10/14/2011	0.00076	J		0.00032	J					<0.00058	ND		0.0012	J		0.029		J
	OA-A-DUP		10/14/2011	0.00072	J		0.00034	J					<0.00063	ND		0.001	J		0.041		J
	IA-B		7/12/2011	0.00099			0.00017	J					<0.00062	ND		0.002	J		0.0012		
	IA-B-DUP		7/12/2011	0.00095			<0.00084	ND					<0.00061	ND		0.002	J		0.0012		
	IA-C		7/12/2011	0.0009			<0.00085	ND					<0.00062	ND		0.0019	J		0.0013		
	OA-A		7/12/2011	0.00066	J		0.00019	J					<0.00065	ND		0.0027	J		0.0016		
	IA-B		10/26/2011	0.0007	J		0.00019	J					<0.00066	ND		0.0018	J		0.036		
	IA-C		10/26/2011	0.00076	J		0.00022	J					<0.00069	ND		0.002	J		0.034		
	OA-A		10/26/2011	0.0019			0.0006	J					<0.0006	ND		0.0048			0.05		

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TABLE 3-6
SUMMARY OF INDOOR AND OUTDOOR AIR SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	1,2,4-Trimethylbenzene (mg/m3)			1,3,5-Trimethylbenzene (mg/m3)			1,3-Butadiene (mg/m3)			1,4-Dioxane (mg/m3)			2,2,4-Trimethylpentane (mg/m3)			Benzene (mg/m3)		
				0.0073															0.01		
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	IA-B	[redacted]	5/4/2012	0.0011			0.00026	J					<0.0006	ND		0.0024	J		0.0012		
	IA-C		5/4/2012	0.0011			0.00027	J					<0.00058	ND		0.0024	J		0.0012		
	IA-C-DUP		5/4/2012	0.001			0.00027	J					<0.00062	ND		0.0023	J		0.0012		
	OA-A		5/4/2012	0.00088	J		0.00027	J					<0.00069	ND		0.0016	J		0.24		
	IA-B		10/27/2011	0.0013			0.00037	J					<0.00062	ND		0.0036	J		0.0024		
	IA-C		10/27/2011	0.0013			0.00046	J					0.0011			0.0035	J		0.0017		
	IA-C-DUP		10/27/2011	0.0013			0.00038	J					<0.00063	ND		0.0035	J		0.0018		
	OA-A		10/27/2011	0.0018			0.00057	J					<0.00054	ND		0.0019	J		0.0047		
	IA-B		7/22/2011	0.0011			0.00034	J					<0.00069	ND		0.0024	J		0.0021		
	IA-C		7/20/2011	0.0013			0.00038	J					<0.00071	ND		0.0029	J		0.0024		
	OA-A		7/22/2011	0.00044	J		0.00014	J					<0.00063	ND		0.0018	J		0.0011		
	IA-B		9/28/2011	0.0019			0.00073	J					<0.00059	ND		0.0023	J		0.0013		
	IA-C		9/28/2011	0.0024			0.001						0.00026	J		0.0022	J		0.0013		
	IA-D		9/28/2011	0.0019			0.00067	J					0.00014	J		0.0024	J		0.0013		
	OA-A		9/28/2011	0.00081			0.00024	J					<0.00055	ND		0.0022	J		0.0061		
	IA-B		11/8/2011	0.00089			0.00022	J					<0.00064	ND		0.0017	J		0.001		
	IA-C		11/8/2011	0.00057	J		0.00016	J					<0.00062	ND		0.0017	J		0.00098		
	OA-A		11/8/2011	0.0011			0.00034	J					0.00014	J		0.0018	J		0.0066		
	IA-B		6/30/2011	0.0019			0.00057	J					0.01			0.0022	J		0.0047		
	IA-C		6/30/2011	0.0018			0.00048	J					0.00057	J		0.0022	J		0.0041		
	OA-A		6/30/2011	0.00049	J		<0.00086	ND					<0.00063	ND		0.00097	J		0.0015		
	OA-A-DUP		6/30/2011	0.00042	J		<0.00099	ND					<0.00072	ND		0.0014	J		0.0014		
	IA-B		5/24/2011	0.0048			0.0022						<0.001	ND		0.016			0.003		
	IA-C		5/24/2011	0.0071			0.0031						<0.00062	ND		0.02			0.0032		
	OA-A		5/24/2011	0.00098			0.00041	J					<0.00062	ND		0.0022	J		0.085		
	IA-B		8/11/2011	0.00093			<0.00079	J	U				<0.00058	ND		0.001	J		0.00066		
	IA-C		8/11/2011	0.00044	J		<0.00082	J	U				<0.0006	ND		0.0014	J		0.00061		
	OA-A		8/11/2011	0.001			<0.00081	J	U				<0.00059	ND		0.0018	J		0.014		
	IA-B		4/29/2011	<0.00079	ND		0.00024	J					<0.00058	ND		0.0034	J		0.0017		
	IA-C		4/29/2011	<0.0008	ND		0.00026	J					<0.00058	ND		0.003	J		0.0018		
	OA-A		4/29/2011	<0.0007	ND		0.00023	J					<0.00051	ND		0.0033			0.05		
	IA-B		6/7/2011	0.0013	J		<0.0017	ND					<0.0013	ND		<0.0082	ND		0.0023		
	IA-C		6/7/2011	0.00082	J		<0.0015	ND					<0.0011	ND		<0.0072	ND		0.002		
	IA-D		6/7/2011	0.0011			0.00028	J					0.0002	J		0.0014	J		0.0021		
	OA-A		6/7/2011	0.0032			0.001	J					0.00068	J		<0.0087	ND		0.3		
	IA-B		1/25/2012	0.0005	J		<0.00086	ND					<0.00063	ND		0.0018	J		0.001		
	IA-B-DUP		1/25/2012	0.00056	J		0.00019	J					0.00015	J		0.0019	J		0.001		
	IA-C		1/25/2012	0.00049	J		<0.00082	ND					0.00014	J		0.002	J		0.00074		
	IA-D		1/25/2012	0.00025	J		<0.00076	ND					<0.00056	ND		0.0019	J		0.00087		
	IA-D-DUP		1/25/2012	0.00044	J		0.00023	J					<0.0006	ND		0.0019	J		0.00091		
	OA-A		1/25/2012	0.00026	J		0.00016	J					<0.00053	ND		0.0018	J		0.00061		
	IA-B		8/18/2011	0.023			0.0097						0.0014			0.0015	J		0.0013		
	IA-C		8/18/2011	0.044			0.019						<0.0006	ND		0.0015	J		0.0014		
	OA-A		8/18/2011	0.0017			0.00065	J					<0.00059	ND		0.0017	J		0.011		
	IA-B		7/27/2011	0.0014	J		0.00038	J					<0.0031	ND		0.003	J		0.0028		
	IA-C		7/27/2011	0.0014	J		0.00051	J					<0.0013	ND		0.0035	J		0.0035		
	IA-D		7/27/2011	0.00057	J		0.00014	J					<0.00064	ND		0.0028	J		0.0022		
	IA-E		7/27/2011	0.002			0.00047	J					<0.00074	ND		0.0027	J		0.0018		J
	IA-E-DUP		7/27/2011	0.0019			0.00048	J					<0.00063	ND		0.0029	J		0.0033		J
	OA-A		7/27/2011	0.00044	J		0.00019	J					<0.00062	ND		0.0027	J		0.0013		
	IA-B		1/11/2012	0.0011			0.00052	J					<0.00053	ND		0.0041			0.0031		
	IA-C		1/11/2012	0.00086	J		0.00025	J					<0.00064	ND		0.0027	J		0.0021		
	OA-A		1/11/2012	0.00077	J		0.00034	J					<0.00059	ND		0.0027	J		0.019		

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TABLE 3-6
SUMMARY OF INDOOR AND OUTDOOR AIR SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	1,2,4-Trimethylbenzene (mg/m3)			1,3,5-Trimethylbenzene (mg/m3)			1,3-Butadiene (mg/m3)			1,4-Dioxane (mg/m3)			2,2,4-Trimethylpentane (mg/m3)			Benzene (mg/m3)		
				0.0073															0.01		
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	IA-B	[redacted]	6/24/2011	<0.00075	ND		0.0004	J					<0.00055	ND		0.0024	J		0.0012		
	IA-C		6/24/2011	<0.00086	ND		0.0004	J					<0.00063	ND		0.0021	J		0.00081		
	IA-D		6/24/2011	0.011			0.0028						<0.00059	ND		0.0019	J		0.00069		
	OA-A		6/24/2011	<0.00081	ND		0.00022	J					<0.00059	ND		0.0019	J		0.001		
	IA-B		5/20/2011	0.00048	J		0.0002	J					<0.00062	ND		0.00052	J		0.002		
	IA-C		5/20/2011	0.0009	J		<0.0021	ND					<0.0015	ND		0.001	J		0.005		
	IA-D		5/20/2011	0.00045	J		0.00017	J					<0.00062	ND		0.00047	J		0.0021		
	OA-A		5/20/2011	0.00073	J		0.00019	J					<0.0006	ND		0.00054	J		0.014		
	IA-B		5/3/2011	<0.0042	ND		0.00083	J					<0.0031	ND		<0.02	ND		0.0016	J	
	IA-C		5/3/2011	<0.0023	ND		0.00071	J					<0.0017	ND		<0.011	J	U	0.0015	J	
	IA-D		5/3/2011	0.0073	J	J	0.0016						<0.00057	ND		0.0025	J		0.0025		
	OA-A		5/3/2011	<0.00078	ND		0.0001	J					<0.00057	ND		<0.0037	J	U	0.032		
	IA-B		6/23/2011	0.0017	J		<0.0041	ND					<0.003	ND		<0.02	ND		0.0013	J	
	IA-B-DUP		6/23/2011	0.0013	J		<0.004	ND					<0.003	ND		<0.019	ND		0.001	J	
	IA-C		6/23/2011	0.0011	J		<0.0016	ND					<0.0012	ND		0.0011	J		0.00097	J	
	OA-A		6/23/2011	0.00032	J		0.00019	J					<0.00058	ND		0.0028	J		0.011		
	IA-B		8/23/2011	0.00071	J		0.00022	J					<0.00067	ND		0.00069	J		0.00096		
	IA-C		8/23/2011	0.00047	J		<0.00081	ND					<0.00059	ND		0.00073	J		0.00095		
	OA-A		8/23/2011	0.0019	J		0.00061	J					<0.0016	ND		0.0014	J		0.53		
	IA-B		10/25/2013	0.00068	J		<0.00079	ND					<0.00058	ND		0.0011	J		0.00086		
	IA-B-DUP		10/25/2013	0.00073	J		0.00023	J					<0.00059	ND		0.0011	J		0.00091		
	IA-C		10/25/2013	0.00077	J		0.00027	J					<0.00059	ND		0.0012	J		0.00092		
	IA-D		10/25/2013	0.00047	J		0.00023	J					<0.00057	ND		0.0012	J		0.001		
	IA-E		10/25/2013	0.0005	J		<0.00077	ND					<0.00056	ND		0.001	J		0.0009		
	IA-F		10/25/2013	0.00071	J		<0.00084	ND					0.00033	J		0.00096	J		0.00086		
	OA-A		10/25/2013	0.00053	J		<0.00074	ND					<0.00054	ND		0.0015	J		0.001		
	IA-B		5/5/2011	0.00058	J		<0.00088	ND					<0.00064	ND		0.0028	J		0.0032		
	IA-C		5/4/2011	0.00062	J		<0.00078	ND					<0.00057	ND		0.00076	J		0.00062		
	OA-A-R		5/4/2011	0.0006	J		0.00017	J					<0.00056	ND		0.0018	J		0.07		
	IA-B		7/20/2011	0.00072	J		0.0002	J					<0.00062	ND		0.003	J		0.0017		
	IA-C		7/20/2011	0.00081	J		0.0002	J					<0.00062	ND		0.0032	J		0.0017		
	IA-D		7/20/2011	0.00072	J		0.00019	J					<0.00062	ND		0.0031	J		0.0016		
	OA-A		7/20/2011	0.00045	J		0.00016	J					0.00051	J		0.0032	J		0.0018		
	IA-B		5/19/2011	0.00077	J		0.00024	J					<0.0006	ND		0.0025	J		0.0016		
	IA-C		5/19/2011	0.00065	J		0.00023	J					<0.00058	ND		0.0019	J		0.0012		
	IA-D		5/19/2011	0.00061	J		0.00021	J					<0.00058	ND		0.0013	J		0.001		
	OA-A		5/19/2011	0.00067	J		0.00021	J					<0.00059	ND		0.0014	J		0.0012		
	IA-B		5/2/2011	0.00036	J		<0.00082	ND					<0.0006	ND		<0.0039	ND		0.00035	J	
			12/8/2013	<0.0011	ND		<0.0011	ND					<0.00081	ND		<0.0052	ND		0.00067	J	
	IA-B-DUP		12/8/2013	<0.0011	ND		<0.0011	ND					<0.00078	ND		<0.0051	ND		0.0021		
	IA-C		5/1/2011	0.00052	J		<0.00072	ND					<0.00053	ND		0.001	J		0.0024		
			12/8/2013	<0.00084	ND		<0.00084	ND					<0.00061	ND		<0.004	ND		0.0005	J	
	OA-A		5/2/2011	0.00021	J		<0.00078	ND					0.0004	J		0.00046	J		0.056		
			12/8/2013	<0.00068	ND		<0.00068	ND					<0.0005	ND		<0.0032	ND		0.00075		
	IA-B		5/6/2011	<0.00078	ND		0.00022	J					<0.00057	ND		0.0045		J	0.0012		
	IA-C		5/6/2011	<0.00097	ND		0.00019	J					<0.00071	ND		0.031		J	0.0009		
	OA-A		5/6/2011	<0.00076	ND		0.00025	J					<0.00056	ND		0.0023	J	J	0.11		
	IA-B		11/15/2011	0.00058	J		0.00019	J					<0.00062	ND		0.0038	J		0.0014		
	OA-A		11/15/2011	0.00088			0.00043	J					<0.00062	ND		0.0055			0.03		J
	OA-A-DUP		11/15/2011	0.00092			0.00031	J					0.0002	J		0.0048			0.023		J
	IA-B		6/15/2011	0.0019	J		<0.0081	ND					<0.0059	ND		0.0066	J		0.0022	J	
	IA-C		6/15/2011	<0.0079	ND		<0.0079	ND					<0.0058	ND		0.007	J		0.0021	J	
	OA-A		6/15/2011	0.002			0.00073	J					<0.0013	ND		0.0062	J		0.25		

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TABLE 3-6
SUMMARY OF INDOOR AND OUTDOOR AIR SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	1,2,4-Trimethylbenzene (mg/m3)			1,3,5-Trimethylbenzene (mg/m3)			1,3-Butadiene (mg/m3)			1,4-Dioxane (mg/m3)			2,2,4-Trimethylpentane (mg/m3)			Benzene (mg/m3)		
				0.0073															0.01		
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	IA-B	[redacted]	5/13/2011	0.0016	J		<0.017	ND		<0.0076	ND		<0.049	ND		0.24			0.013		
	IA-C		5/13/2011	0.0044	J		<0.037	ND		<0.017	ND		<0.11	ND		0.47			0.012	J	
	IA-D		5/13/2011	0.0015			0.00046	J		0.00037	J		<0.00066	ND		0.0087			0.0033		
	OA-A		5/13/2011	0.001			0.00038	J					<0.00064	ND		<0.0042	ND		0.22		
	IA-B		4/16/2011	<0.00084	ND		0.00026	J					<0.00062	ND		0.0017	J		0.0018		
	IA-C		4/15/2011	<0.0009	ND		<0.0009	ND					<0.00066	ND		<0.0043	ND		0.003		
	IA-C-DUP		4/15/2011	0.00028	J		<0.00078	ND					0.00026	J		<0.0037	ND		0.003		
	OA-A		4/16/2011	<0.00076	ND		0.00029	J					<0.00056	ND		0.0017	J		0.005		
	OA-A-DUP		4/16/2011	<0.00066	ND		0.0002	J					<0.00048	ND		0.0017	J		0.0045		
	IA-B		6/29/2011	0.001			0.00029	J					<0.00074	ND		0.0017	J		0.0021		
	IA-B-DUP		6/29/2011	0.00059	J		<0.00088	ND					<0.00064	ND		0.0016	J		0.0021		
	IA-C		6/29/2011	0.00061	J		<0.00084	ND					<0.00062	ND		0.0016	J		0.0022		
	IA-D		6/29/2011	0.00064	J		<0.001	ND					<0.00074	ND		0.0019	J		0.0023		
	OA-A		6/29/2011	0.0018			0.00058	J					<0.00061	ND		0.0033	J		0.07		
	IA-B		3/21/2012	0.00076	J		0.00019	J					<0.00064	ND		0.0006	J		0.00089		
	IA-C		3/21/2012	0.00027	J		<0.00088	ND					0.0013			0.0013	J		0.0016		
	IA-D		3/21/2012	0.00063	J		0.00025	J					<0.00063	ND		0.00058	J		0.001		
	OA-A		3/21/2012	0.0017			0.00035	J					0.0015			0.00062	J		0.037		
	IA-B		5/27/2011	<0.00079	J	U	<0.00079	ND					<0.00058	ND		0.0011	J		0.00091		
	IA-C		5/27/2011	<0.00075	J	U	<0.00075	ND					<0.00055	ND		0.0005	J		0.0006		
	OA-A		5/27/2011	<0.00076	J	U	0.00016	J					<0.00056	ND		0.00042	J		0.02		
	IA-B		4/22/2011	0.00031	J		<0.00079	ND					<0.00058	ND		<0.0038	ND		0.0023		
	IA-C		4/22/2011	0.0003	J		<0.00073	ND					<0.00054	ND		<0.0035	ND		0.0016		
	IA-D		4/22/2011	0.0005	J		<0.00081	ND					<0.00059	ND		<0.0038	ND		0.0016		
	IA-D-DUP		4/22/2011	0.00053	J		<0.00081	ND					<0.00059	ND		<0.0038	ND		0.0015		
	OA-A		4/22/2011	0.00053	J		0.00031	J					<0.00053	ND		<0.0034	ND		0.05		
	IA-B		11/16/2011	0.00046	J		<0.00082	ND					0.00048	J		0.0011	J		0.0016		
	OA-A		11/16/2011	0.0013			0.00039	J					<0.00058	ND		0.0012	J		0.023		
	IA-B		4/26/2011	<0.00086	ND		0.00018	J					<0.00063	ND		0.0022	J		0.0027		
	IA-C		4/26/2011	<0.00079	ND		0.00017	J					<0.00058	ND		0.0028	J		0.0015		
	OA-A		4/26/2011	<0.00073	ND		0.00037	J					<0.00054	ND		0.002	J		0.05		
	IA-B		4/21/2011	<0.00075	ND		0.00018	J					<0.00055	ND		0.0028	J		0.0028		
	IA-C		4/21/2011	<0.00079	ND		0.00011	J					<0.00058	ND		0.003	J		0.0011		
	OA-A		4/21/2011	<0.00069	ND		0.00026	J					<0.00051	ND		0.0052			0.056		
	IA-B		4/18/2012	0.00067	J		0.00022	J					<0.0006	ND		0.001	J		0.0011		
	IA-C		4/18/2012	0.00045	J		<0.00082	ND					0.00088			0.00098	J		0.00086		
	OA-A		4/18/2012	0.00078	J		0.00022	J					<0.00062	ND		0.0016	J		0.0011		
	OA-A-DUP		4/18/2012	0.0008	J		0.00029	J					<0.00059	ND		0.0016	J		0.0011		
	IA-B		4/14/2011	0.00037	J		<0.00071	ND					0.00036	J		0.0051			0.0044		
	IA-C		4/14/2011	<0.00081	ND		<0.00081	ND					0.0003	J		<0.0038	ND		0.0022		
	IA-C-DUP		4/14/2011	<0.00086	ND		<0.00086	ND					<0.00063	ND		<0.0041	ND		0.0022		
	OA-A		4/14/2011	<0.00082	ND		<0.00082	ND					<0.0006	ND		<0.0039	ND		0.0028		
	IA-B		5/10/2011	0.00089			0.00027	J					<0.00056	ND		0.0045			0.014		
	OA-A		5/10/2011	0.0024			0.00081						<0.00058	ND		0.0041			0.094		
	IA-B		4/19/2011	<0.00081	ND		0.00026	J					<0.00059	ND		0.0015	J		0.0058		
	IA-B-R		8/31/2011	0.0012			0.00025	J					0.00058	J		0.0062			0.0035		
	OA-A		4/19/2011	<0.00084	ND		0.00032	J					<0.00062	ND		0.00091	J		0.073		
	OA-A-R		8/31/2011	0.0028	J		0.00093	J					<0.0032	ND		0.0044	J		0.92		
	IA-B		5/12/2011	0.00082	J		<0.0018	ND					<0.0013	ND		0.0013	J		0.0019		
	IA-C		5/12/2011	0.00071	J		0.00026	J					<0.00062	ND		0.0012	J		0.0016		
	OA-A		5/12/2011	0.0013			0.0006	J					<0.00081	ND		0.0011	J		0.19		

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TABLE 3-6
SUMMARY OF INDOOR AND OUTDOOR AIR SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	1,2,4-Trimethylbenzene (mg/m3)			1,3,5-Trimethylbenzene (mg/m3)			1,3-Butadiene (mg/m3)			1,4-Dioxane (mg/m3)			2,2,4-Trimethylpentane (mg/m3)			Benzene (mg/m3)		
				0.0073															0.01		
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	IA-B	[redacted]	5/18/2012	0.0012			<0.00083	ND					<0.00061	ND		0.0053			0.0012		
	IA-C		5/18/2012	0.0013			<0.00083	ND					<0.00061	ND		0.0049			0.0012		
	IA-D		5/18/2012	0.00049	J		<0.00088	ND					<0.00064	ND		0.0025	J		0.00098		
	OA-A		5/18/2012	0.00029	J		<0.00078	ND					<0.00057	ND		0.0014	J		0.0012		

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TABLE 3-6
SUMMARY OF INDOOR AND OUTDOOR AIR SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	Butane (mg/m3)			Cyclohexane (mg/m3)			Ethylbenzene (mg/m3)			Hexane (mg/m3)			Isopentane (mg/m3)			m,p-Xylenes (mg/m3)		
							6.3						0.73						0.73		
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	IA-B	[redacted]	9/21/2011	0.022			0.00093			0.0034			0.0036			0.014			0.0087		
	IA-C		9/21/2011	0.022			0.0012			0.0017			0.0036			0.021			0.0043		
	OA-A		9/21/2011	0.014			0.0014			0.00087			0.0042			0.016			0.0028		
	OA-A-DUP		9/21/2011	0.016			0.0015			0.00097			0.0037			0.018			0.0031		
	IA-B		9/22/2011	0.043			0.00026	J		0.0025			0.0022			0.016			0.0074		
	IA-C		9/22/2011	0.034			0.0003	J		0.0021			0.0018			0.015			0.0068		
	OA-A		9/22/2011	0.0092			0.00051	J		0.00097			0.0014			0.014			0.0034		
	IA-B		10/20/2011	0.0034			0.000095	J		0.0004	J		0.00046	J		0.0035			0.001		
	IA-C		10/20/2011	0.0029			<0.00056	ND		<0.0007	ND		0.00036	J		0.0026			0.00029	J	
	OA-A		10/20/2011	0.0032			0.00036	J		0.001			0.0024			0.0037			0.0028		
	IA-B		8/19/2011	0.03			0.0016			0.0022			0.0072			0.069			0.0046		
	IA-C		8/19/2011	0.036			0.0016			0.0023			0.0069			0.077			0.0047		
	IA-D		8/19/2011	0.03			0.0034			0.0076			0.022			0.089			0.022		
	OA-A		8/19/2011	0.017			0.0015			0.0006	J		0.0061			0.033			0.0016		
	IA-B		6/20/2012	0.0099			0.00098			0.00038	J		0.0024			0.014			0.0014		
	IA-C		6/20/2012	0.01			0.00064			0.00028	J		0.0024			0.013			0.00053	J	
	OA-A		6/20/2012	0.013			0.001			0.00019	J		0.0037			0.018		J	0.00046	J	
	OA-A-DUP		6/20/2012	0.012			0.00081			<0.0007	ND		0.0031			0.011		J	0.00038	J	
	IA-B		11/1/2011	0.0085			0.00038	J		<0.00074	ND		0.0013			0.014			<0.00074	ND	
	IA-C		11/1/2011	0.0086			0.00049	J		0.00058	J		0.0014			0.017			0.0018		
	OA-A		11/1/2011	0.011			0.001			0.0035			0.0051			0.02			0.0072		
	IA-B		7/15/2011	0.031			0.00067			0.00073			0.016			0.066			0.0021		
	IA-C		7/15/2011	0.019			0.012			0.0051			0.0068			0.52			0.01		
	OA-A		7/15/2011	0.014			0.0004	J		0.00075	J		0.0039			0.051			0.002		
	IA-B		9/29/2011	0.031			0.00086			0.00072	J		0.0037			0.023			0.0017		
	IA-C		9/29/2011	0.029			0.00073			0.0008			0.0032			0.023			0.0019		
	IA-D		9/29/2011	0.17			0.00061			0.00077			0.0029			0.016			0.0021		
	OA-A		9/29/2011	0.029			0.00073			0.00048	J		0.0033			0.017			0.0014		
	IA-B		11/3/2011	0.015			0.00083			0.00047	J		0.0024			0.014			0.0011		
	IA-C		11/3/2011	0.016			0.00072			0.00073			0.0025			0.015			0.0018		
	IA-D		11/3/2011	0.014			0.00075			0.00034	J		0.0024			0.014			0.001		
	IA-D-DUP		11/3/2011	0.015			0.00076			0.00033	J		0.0026			0.016			0.00085		
	OA-A		11/3/2011	0.011			0.00066			0.00083			0.0024			0.014			0.0025		
	IA-B		9/7/2011	0.00073	J		<0.00055	ND		0.0002	J		0.00031	J		0.0011	J		0.00053	J	
	IA-C		9/7/2011	<0.0022	ND		<0.00063	ND		<0.00079	ND		0.00027	J		0.00075	J		<0.00079	ND	
	OA-A		9/7/2011	<0.0021	ND		0.00061			0.00067	J		0.0004	J		0.0049			0.0016		
	OA-A-DUP		9/7/2011	<0.002	ND		0.00022	J		0.00054	J		0.00045	J		0.00075	J		0.0015		
	IA-B		9/16/2011	0.0051			<0.00058	ND		0.0003	J		0.0018			0.029			0.00076		
	IA-C		9/16/2011	0.0047			<0.00056	ND		0.00024	J		0.0014			0.017			0.0006	J	
	OA-A		9/16/2011	0.0048			<0.00062	ND		0.00026	J		0.0018			0.012			0.00078		
	IA-B		10/14/2011	0.011			<0.00055	ND		0.0002	J		0.0009			0.011			0.00064	J	
	OA-A		10/14/2011	0.009			0.00041	J		0.0009			0.0024			0.014			0.0027		
	OA-A-DUP		10/14/2011	0.0096			0.00041	J		0.00083			0.0035			0.016			0.0027		
	IA-B		7/12/2011	0.017			0.0012			0.00048	J		0.0042			0.035			0.0012		
	IA-B-DUP		7/12/2011	0.016			0.0012			0.00046	J		0.0039			0.032			0.0012		
	IA-C		7/12/2011	0.021			0.0015			0.00043	J		0.0039			0.037			0.0012		
	OA-A		7/12/2011	0.017			0.00078			0.00056	J		0.0054			0.059			0.0015		
	IA-B		10/26/2011	0.019			0.0019			0.00062	J		0.0058			0.012			0.0016		
	IA-C		10/26/2011	0.019			0.002			0.00084			0.0058			0.013			0.0028		
	OA-A		10/26/2011	0.017			0.0026			0.0069			0.012			0.016			0.018		

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TABLE 3-6
SUMMARY OF INDOOR AND OUTDOOR AIR SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	Butane (mg/m3)			Cyclohexane (mg/m3)			Ethylbenzene (mg/m3)			Hexane (mg/m3)			Isopentane (mg/m3)			m,p-Xylenes (mg/m3)		
							6.3						0.73						0.73		
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	IA-B	[redacted]	5/4/2012	0.019			0.0013			0.00067	J		0.0022			0.011			0.0015		
	IA-C		5/4/2012	0.016			0.0013			0.00058	J		0.0025			0.0098			0.0013		
	IA-C-DUP		5/4/2012	0.016			0.0013			0.0006	J		0.0024			0.01			0.0014		
	OA-A		5/4/2012	0.0082			0.00053	J		0.0014			0.0021			0.0077			0.0041		
	IA-B		10/27/2011	0.011			0.00059			0.0011			0.0037			0.032			0.0028		
	IA-C		10/27/2011	0.01			0.00059			0.00088			0.0033			0.033			0.0027		
	IA-C-DUP		10/27/2011	0.01			0.00069			0.00089			0.0032			0.032			0.0025		
	OA-A		10/27/2011	0.0018			0.00046	J		0.0044			0.0035			0.0043			0.012		
	IA-B		7/22/2011	0.025			0.0011			0.00081	J		0.0041			0.016			0.0023		
	IA-C		7/20/2011	0.026			0.0012			0.00092			0.0051			0.016			0.0024		
	OA-A		7/22/2011	0.013			0.00065			0.00039	J		0.0032			0.008			0.0011		
	IA-B		9/28/2011	0.049			0.00092			0.00077			0.0035			0.016			0.0025		
	IA-C		9/28/2011	0.044			0.00092			0.0008			0.0035			0.016			0.0026		
	IA-D		9/28/2011	0.042			0.00098			0.00067	J		0.0037			0.018			0.0022		
	OA-A		9/28/2011	0.019			0.00088			0.001			0.0053			0.018			0.0026		
	IA-B		11/8/2011	0.014			0.00062			0.0018			0.0028			0.022			0.006		
	IA-C		11/8/2011	0.012			0.0007			0.001			0.0026			0.021			0.0032		
	OA-A		11/8/2011	0.012			0.00057	J		0.00073	J		0.0025			0.017			0.0025		
	IA-B		6/30/2011	0.018			0.0013			0.0019			0.0048			0.022			0.0051		
	IA-C		6/30/2011	0.019			0.0012			0.0016			0.0049			0.024			0.0048		
	OA-A		6/30/2011	0.017			0.0013			0.00037	J		0.0051			0.019			0.0011		
	OA-A-DUP		6/30/2011	0.016			0.0012			0.00032	J		0.0048			0.016			0.00093		
	IA-B		5/24/2011	0.062			0.003			0.0025			0.011			0.1			0.0074		
	IA-C		5/24/2011	0.055			0.0033			0.0034			0.013			0.083			0.01		
	OA-A		5/24/2011	0.014			0.0039			0.0016			0.0056			0.029			0.006		
	IA-B		8/11/2011	0.0038			<0.00055	ND		0.00045	J		0.00098			0.004			0.0012		
	IA-C		8/11/2011	0.0032			0.00019	J		0.00037	J		0.001			0.0044			0.0011		
	OA-A		8/11/2011	0.004			0.00028	J		0.0012			0.0016			0.0059			0.0031		
	IA-B		4/29/2011	0.016			0.003			0.00099			0.0069			0.098			0.0023		
	IA-C		4/29/2011	0.014			0.0022			0.00078			0.0058			0.063			0.0019		
	OA-A		4/29/2011	0.012			0.0027			0.0011			0.0071			0.02			0.0036		
	IA-B		6/7/2011	0.013			0.00078	J		0.00092	J		0.0019			0.1			0.0021		
	IA-C		6/7/2011	0.013			0.00078	J		0.00098	J		0.002			0.1			0.0016		
	IA-D		6/7/2011	0.013			0.00069			0.00094			0.0019			0.093			0.0017		
	OA-A		6/7/2011	0.01			0.0038			0.0041			0.0037			0.013			0.013		
	IA-B		1/25/2012	0.039			0.00059	J		0.00092			0.002			0.032		J	0.0024		
	IA-B-DUP		1/25/2012	0.037			0.0006			0.0008			0.002			0.057		J	0.0022		
	IA-C		1/25/2012	0.029			0.00046	J		0.001			0.0019			0.033			0.003		
	IA-D		1/25/2012	0.019			0.00035	J		0.00029	J		0.0018			0.028			0.00081		
	IA-D-DUP		1/25/2012	0.019			0.00034	J		0.00044	J		0.0017			0.027			0.0012		
	OA-A		1/25/2012	0.02			0.00042	J		0.00034	J		0.0018			0.03			0.00099		
	IA-B		8/18/2011	0.012			0.0041			0.0013			0.0026			0.013			0.0044		
	IA-C		8/18/2011	0.016			0.0055			0.0015			0.0031			0.015			0.0056		
	OA-A		8/18/2011	0.0043			0.00039	J		0.0016			0.0018			0.0071			0.0045		
	IA-B		7/27/2011	0.038			0.0015	J		0.0011	J		0.0072			0.03			0.0035	J	
	IA-C		7/27/2011	0.051			0.0019			0.0011	J		0.0084			0.035			0.0036		
	IA-D		7/27/2011	0.026			0.0012			0.00046	J		0.0055			0.017			0.0013		
	IA-E		7/27/2011	0.023			0.0012		J	0.00094			0.0055			0.016		J	0.003		
	IA-E-DUP		7/27/2011	0.023			0.0037		J	0.0012			0.0059			0.046		J	0.0036		
	OA-A		7/27/2011	0.022			0.0011			0.00043	J		0.0057			0.016			0.0013		
	IA-B		1/11/2012	0.042			0.0016			0.001			0.0094			0.12			0.0026		
	IA-C		1/11/2012	0.029			0.00074			0.00066	J		0.007			0.099			0.0017		
	OA-A		1/11/2012	0.025			0.00048	J		0.0006	J		0.0064			0.09			0.002		

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TABLE 3-6
SUMMARY OF INDOOR AND OUTDOOR AIR SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	Butane (mg/m3)			Cyclohexane (mg/m3)			Ethylbenzene (mg/m3)			Hexane (mg/m3)			Isopentane (mg/m3)			m,p-Xylenes (mg/m3)		
							6.3						0.73						0.73		
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	IA-B	[redacted]	6/24/2011	0.0054			0.00035	J		0.00094			0.0025			0.016			0.0028		
	IA-C		6/24/2011	0.005			0.00041	J		0.00071	J		0.0022			0.016			0.0023		
	IA-D		6/24/2011	0.0052			0.00037	J		0.002			0.0019			0.014			0.0065		
	OA-A		6/24/2011	0.0043			0.00024	J		0.00067	J		0.0019			0.013			0.0018		
	IA-B		5/20/2011	0.014			0.00025	J		0.00032	J	J	0.0026			0.043			0.00085		
	IA-C		5/20/2011	0.022			0.00032	J		0.0011	J	J	0.0031			0.047			0.0028		
	IA-D		5/20/2011	0.012			0.00022	J		0.00041	J		0.0018			0.039			0.0012		
	OA-A		5/20/2011	0.0068			0.00059			0.0015		J	0.0091			0.036			0.0045		
	IA-B		5/3/2011	0.011			<0.0029	ND		0.002	J		0.0017	J		0.056			0.0041		
	IA-C		5/3/2011	0.011			0.00089	J		0.0019	J		0.002			0.046			0.0043		
	IA-D		5/3/2011	0.016			0.00088			0.0025			0.0032			0.027			0.0076		
	OA-A		5/3/2011	0.0047			0.0015			0.00099			0.0016			0.0093			0.0028		
	IA-B		6/23/2011	0.11			0.00055	J		<0.0036	ND		0.0028	J		0.023			0.0014	J	
	IA-B-DUP		6/23/2011	0.12			0.00067	J		<0.0036	ND		0.0025	J		0.024			0.0012	J	
	IA-C		6/23/2011	0.066			0.00078	J		0.00042	J		0.0027			0.024			0.00094	J	
	OA-A		6/23/2011	0.0068			0.00092			0.0026			0.0021			0.018			0.0063		
	IA-B		8/23/2011	0.0051			0.00058	J		0.00049	J		0.0021			0.0089			0.0013		
	IA-C		8/23/2011	0.0051			0.0004	J		0.00031	J		0.0014			0.0094			0.00092		
	OA-A		8/23/2011	0.0051	J		0.00078	J		0.0014	J		0.0024			0.0082			0.0035		
	IA-B		10/25/2013	0.02			0.00051	J		0.0005	J		0.0022			0.021			0.0014		
	IA-B-DUP		10/25/2013	0.02			0.00054	J		0.00036	J		0.002			0.02			0.0013		
	IA-C		10/25/2013	0.02			0.00062			0.00036	J		0.0022			0.022			0.0011		
	IA-D		10/25/2013	0.02			0.00039	J		0.00029	J		0.0023			0.021			0.001		
	IA-E		10/25/2013	0.02			0.00044	J		0.00032	J		0.0022			0.022			0.00093		
	IA-F		10/25/2013	0.021			0.00054	J		0.00042	J		0.002			0.021			0.001		
	OA-A		10/25/2013	0.021			0.00054			0.00036	J		0.0024			0.024			0.001		
	IA-B		5/5/2011	0.058			0.0025			0.00037	J		0.0084			0.037			0.0014		
	IA-C		5/4/2011	0.0064			0.00029	J		0.0004	J		0.001			0.0059			0.0014		
	OA-A-R		5/4/2011	0.0023			0.0016			0.0009			0.0016			0.0046			0.0029		
	IA-B		7/20/2011	0.029			0.0018			0.001			0.022			0.062			0.0028		
	IA-C		7/20/2011	0.028			0.0018			0.00092			0.022			0.061			0.003		
	IA-D		7/20/2011	0.027			0.0017			0.00091			0.022			0.062			0.0026		
	OA-A		7/20/2011	0.018			0.0017			0.00058	J		0.024			0.038			0.0018		
	IA-B		5/19/2011	0.036			0.00033	J		0.00087			0.0033			0.12			0.0027		
	IA-C		5/19/2011	0.028			0.00037	J		0.0007			0.0033			0.059			0.0022		
	IA-D		5/19/2011	0.0058			0.00022	J		0.00062	J		0.0026			0.045			0.002		
	OA-A		5/19/2011	0.0066			0.00028	J		0.00072			0.0031			0.051			0.0026		
	IA-B		5/2/2011	0.003			0.00013	J		0.00022	J		0.00044	J		0.0048			0.00058	J	
			12/8/2013	0.14			<0.00077	ND		<0.00098	ND		0.0009			0.0098			0.00034	J	
	IA-B-DUP		12/8/2013	0.15			<0.00075	ND		<0.00095	ND		0.00079			0.0095			0.0003	J	
	IA-C		5/1/2011	0.0093			0.00084			0.0003	J		0.0017			0.033			0.0009		
			12/8/2013	0.04			<0.00058	ND		<0.00074	ND		0.00048	J		0.01			0.00022	J	
	OA-A		5/2/2011	0.00098	J		0.001			0.00098			0.00067			0.00095	J		0.0029		
			12/8/2013	0.0074			<0.00048	ND		<0.0006	ND		0.00045	J		0.0071			0.00029	J	
	IA-B		5/6/2011	0.037			0.00053	J		0.0018			0.0031			0.048			0.0088		
	IA-C		5/6/2011	0.14			0.0011			0.00074	J		0.0092			0.22			0.0029		
	OA-A		5/6/2011	0.019			0.0022			0.0015			0.003			0.024			0.004		
	IA-B		11/15/2011	0.027			0.0013			0.00045	J		0.004			0.018			0.0015		
	OA-A		11/15/2011	0.026			0.0014			0.0016			0.0051			0.018			0.005		J
	OA-A-DUP		11/15/2011	0.024			0.0014			0.0011			0.0046			0.016			0.0035		J
	IA-B		6/15/2011	0.069			<0.0056	ND		<0.0071	ND		0.0057	J		0.086			0.0021	J	
	IA-C		6/15/2011	0.066			<0.0055	ND		<0.007	ND		0.0055	J		0.084			0.0022	J	
	OA-A		6/15/2011	0.026			0.0025			0.0032			0.0048			0.04			0.0089		

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TABLE 3-6
SUMMARY OF INDOOR AND OUTDOOR AIR SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	Butane (mg/m3)			Cyclohexane (mg/m3)			Ethylbenzene (mg/m3)			Hexane (mg/m3)			Isopentane (mg/m3)			m,p-Xylenes (mg/m3)		
							6.3						0.73						0.73		
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	IA-B	[redacted]	5/13/2011	3			0.017			0.0043	J		0.1			3.5			0.0094	J	
	IA-C		5/13/2011	5.4			0.024	J		<0.033	ND		<0.027	ND		6.2			0.011	J	
	IA-D		5/13/2011	0.031			0.0013			0.0014			0.0087			0.082			0.0041		
	OA-A		5/13/2011	0.0098			0.00063			0.0014			0.014			0.019			0.0044		
	IA-B		4/16/2011	0.024			0.002			0.00033	J		0.0043			0.021			0.0012		
	IA-C		4/15/2011	0.022			0.00074			0.00026	J		0.002			0.027			0.00066	J	
	IA-C-DUP		4/15/2011	0.024			0.00068			0.00022	J		0.002			0.027			0.00061	J	
	OA-A		4/16/2011	0.012			0.0018			0.00091			0.0034			0.013			0.0027		
	OA-A-DUP		4/16/2011	0.012			0.0018			0.00088			0.0032			0.013			0.0027		
	IA-B		6/29/2011	0.03			0.0011			0.00054	J		0.0046			0.048			0.0016		
	IA-B-DUP		6/29/2011	0.034			0.0011			0.0016			0.005			0.046			0.0042		
	IA-C		6/29/2011	0.033			0.0011			0.00058	J		0.0047			0.05			0.0015		
	IA-D		6/29/2011	0.03			0.0011			0.0019			0.0047			0.049			0.0052		
	OA-A		6/29/2011	0.017			0.0011			0.0026			0.007			0.057			0.0081		
	IA-B		3/21/2012	0.011			0.00071			0.001			0.0022			0.026			0.0023		
	IA-C		3/21/2012	0.014			0.0014			0.0017			0.0036			0.026			0.0028		
	IA-D		3/21/2012	0.012			0.001			0.0009			0.0025			0.024			0.0027		
	OA-A		3/21/2012	0.0045			0.0006	J		0.0014			0.0015			0.0084			0.0059		
	IA-B		5/27/2011	0.0084			0.00034	J		0.00037	J		0.00086			0.04			0.00082		
	IA-C		5/27/2011	0.0035			0.00011	J		0.00023	J		0.00054			0.0044			0.00058	J	
	OA-A		5/27/2011	0.0019			0.00059			0.001			0.0036			0.022			0.0028		
	IA-B		4/22/2011	0.012			0.00022	J		0.00041	J		0.00098			0.01			0.0012		
	IA-C		4/22/2011	0.0068			0.0002	J		0.00026	J		0.00077			0.012			0.00068		
	IA-D		4/22/2011	0.005			0.00024	J		0.0003	J		0.00085			0.012			0.00075		
	IA-D-DUP		4/22/2011	0.0043			0.00021	J		0.00033	J		0.00081			0.01			0.00085		
	OA-A		4/22/2011	0.0054			0.0016			0.00067			0.0011			0.01			0.0036		
	IA-B		11/16/2011	0.012			0.00066			0.00051	J		0.0019			0.0074			0.0015		
	OA-A		11/16/2011	0.011			0.0006			0.001			0.0022			0.16			0.0031		
	IA-B		4/26/2011	0.055			0.0017			0.00084			0.0049			0.075			0.0021		
	IA-C		4/26/2011	0.032			0.00087			0.00038	J		0.0032			0.053			0.001		
	OA-A		4/26/2011	0.014			0.0024			0.0011			0.0027			0.014			0.0042		
	IA-B		4/21/2011	0.015			0.0013			0.00027	J		0.0032			0.026			0.00076		
	IA-C		4/21/2011	0.02			0.0003	J		0.00019	J		0.0033			0.033			0.00061	J	
	OA-A		4/21/2011	0.026			0.0021			0.0011			0.011			0.086			0.0029		
	IA-B		4/18/2012	0.0091			0.00059			0.00057	J		0.002			0.023			0.0014		
	IA-C		4/18/2012	0.0081			0.00055	J		0.00037	J		0.0015			0.0098			0.0011		
	OA-A		4/18/2012	0.0094			0.00057	J		0.00065	J		0.0027			0.011			0.0022		
	OA-A-DUP		4/18/2012	0.0084			0.00057			0.00077			0.0024			0.011			0.0022		
	IA-B		4/14/2011	0.012			0.0021			0.00042	J		0.0055			0.13			0.00091		
	IA-C		4/14/2011	0.0087			0.00047	J		0.00024	J		0.0038			0.13			0.0006	J	
	IA-C-DUP		4/14/2011	0.0092			0.00044	J		0.00023	J		0.004			0.14			0.00045	J	
	OA-A		4/14/2011	0.012			0.00058			0.00039	J		0.0066			0.19			0.00069	J	
	IA-B		5/10/2011	0.014			0.0026			0.0011			0.0045			0.029			0.0029		
	OA-A		5/10/2011	0.0093			0.0044			0.0046			0.0051			0.015			0.014		
	IA-B		4/19/2011	0.034			0.0018			0.0015			0.0039			0.034			0.0051		
	IA-B-R		8/31/2011	0.023			0.0012			0.0027			0.0022			0.019			0.0077		
	OA-A		4/19/2011	0.006			0.0015			0.0015			0.003			0.024			0.005		
	OA-A-R		8/31/2011	0.0043	J		0.0041			0.006			0.0024	J		0.0077	J		0.027		
	IA-B		5/12/2011	0.31			0.0012	J		0.00084	J		0.0039			0.011			0.0024		
	IA-C		5/12/2011	0.13			0.0016			0.00059	J		0.0053			0.011			0.0018		
	OA-A		5/12/2011	0.012			0.00076			0.002			0.02			0.011			0.0058		

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TABLE 3-6
SUMMARY OF INDOOR AND OUTDOOR AIR SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	Butane (mg/m3)			Cyclohexane (mg/m3)			Ethylbenzene (mg/m3)			Hexane (mg/m3)			Isopentane (mg/m3)			m,p-Xylenes (mg/m3)		
							6.3						0.73						0.73		
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	IA-B	[redacted]	5/18/2012	0.0077			0.00042	J		0.00062	J		0.0019			0.012			0.0017		
	IA-C		5/18/2012	0.0065			0.00038	J		0.00059	J		0.0017			0.011			0.0016		
	IA-D		5/18/2012	0.0078			0.00035	J		0.00027	J		0.0013			0.013			0.00076	J	
	OA-A		5/18/2012	0.0076			0.00043	J		0.0003	J		0.0018			0.015			0.00079		

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TABLE 3-6
SUMMARY OF INDOOR AND OUTDOOR AIR SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	n-Propylbenzene (mg/m3)			o-Xylenes (mg/m3)			Toluene (mg/m3)			TPH (MW=100) (mg/m3)			Methane (%)		
				1			0.73			5.2								
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	IA-B	[redacted]	9/21/2011	0.00044	J		0.0024			0.017			1.8			0.00034		
	IA-C		9/21/2011	0.00027	J		0.0013			0.0082			0.94			0.00048		
	OA-A		9/21/2011	0.0003	J		0.00076			0.0074			2.4					
	OA-A-DUP		9/21/2011	0.00037	J		0.00088			0.008			2.4					
	IA-B		9/22/2011	0.00042	J		0.0017			0.019			2.2			0.00036		
	IA-C		9/22/2011	0.00028	J		0.0016			0.014			1.5			0.00034		
	OA-A		9/22/2011	0.00041	J		0.00087			0.0061			2.1					
	IA-B		10/20/2011	<0.00082	ND		0.00031	J		0.00087			0.17			0.00021		
	IA-C		10/20/2011	<0.0008	ND		<0.0007	ND		0.00048	J		0.082			0.00022		
	OA-A		10/20/2011	0.00022	J		0.00056	J		0.0078			0.54					
	IA-B		8/19/2011	0.00027	J		0.0018			0.0088			1.1			0.0028		
	IA-C		8/19/2011	0.00031	J		0.002			0.0091			1.4			0.0039		
	IA-D		8/19/2011	0.0012			0.0076			0.037			0.94			0.0012		
	OA-A		8/19/2011	0.00016	J		0.00053	J		0.0028			0.17					
	IA-B		6/20/2012	<0.00086	ND	UJ	0.00043	J		0.0052			0.65			0.00021		
	IA-C		6/20/2012	<0.00076	ND	UJ	0.00025	J		0.0041			0.9			0.00021		
	OA-A		6/20/2012	<0.00099	ND	UJ	0.00019	J		0.0012			0.17					
	OA-A-DUP		6/20/2012	<0.00079	ND	UJ	<0.0007	ND		0.0011			0.13					
	IA-B		11/1/2011	<0.00084	ND		<0.00074	ND		0.0013			0.38			0.00023		
	IA-C		11/1/2011	0.000096	J		0.00057	J		0.0023			0.35			0.00024		
	OA-A		11/1/2011	0.00026	J		0.0017			0.019			0.87					
	IA-B		7/15/2011	0.00028	J		0.00084			0.0051			0.61			0.0015		
	IA-C		7/15/2011	0.0021	J		0.0042			0.056			1.9			0.00075		
	OA-A		7/15/2011	0.00025	J		0.00066	J		0.0036			0.34					
	IA-B		9/29/2011	0.0002	J		0.00065	J		0.0041			0.57			0.00021		
	IA-C		9/29/2011	0.00016	J		0.00071			0.0032			0.53			0.00021		
	IA-D		9/29/2011	0.00024	J		0.00074			0.0038			0.82			0.00021		
	OA-A		9/29/2011	0.00025	J		0.00052	J		0.0021			0.28					
	IA-B		11/3/2011	<0.00079	ND		0.00042	J		0.0022			0.65			0.00038		
	IA-C		11/3/2011	<0.00078	J	U	0.00058	J		0.0022			0.32			0.00059		
	IA-D		11/3/2011	<0.00075	ND		0.00041	J		0.0016			0.34			0.00064		
	IA-D-DUP		11/3/2011	<0.0008	ND		0.00039	J		0.0016			0.36			0.00064		
	OA-A		11/3/2011	<0.00071	J	U	0.00086			0.0072			1.2					
	IA-B		9/7/2011	<0.00079	ND		0.00017	J		0.003			0.17			0.00022		
	IA-C		9/7/2011	<0.0009	ND		<0.00079	ND		0.00062	J		0.11			0.00019		
	OA-A		9/7/2011	0.00014	J		0.0005	J		0.0033			1.3					
	OA-A-DUP		9/7/2011	0.00017	J		0.0005	J		0.0029			1.3					
	IA-B		9/16/2011	<0.00082	ND		0.00029	J		0.0018			0.19			0.00024		
	IA-C		9/16/2011	<0.00081	ND		0.00028	J		0.0015			0.12			0.00029		
	OA-A		9/16/2011	<0.00088	ND		0.00029	J		0.0019			0.12					
	IA-B		10/14/2011	<0.00079	ND		0.00027	J		0.0011			0.26			0.00069		
	OA-A		10/14/2011	0.00029	J		0.00063	J		0.0085			1.8					
	OA-A-DUP		10/14/2011	0.00022	J		0.00068	J		0.0097			2.2					
	IA-B		7/12/2011	<0.00085	ND		0.00056	J		0.0038			0.39			0.00083		
	IA-B-DUP		7/12/2011	<0.00084	ND		0.00058	J		0.0039			0.38			0.0008		
	IA-C		7/12/2011	<0.00085	ND		0.00054	J		0.0039			0.35			0.0012		
	OA-A		7/12/2011	0.00022	J		0.00067	J		0.0047			0.35					
	IA-B		10/26/2011	0.00018	J		0.0006	J		0.0061			0.53			0.00024		
	IA-C		10/26/2011	0.00016	J		0.00084			0.0053			0.49			0.00045		
	OA-A		10/26/2011	0.0008	J		0.004			0.032			2					

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TABLE 3-6
SUMMARY OF INDOOR AND OUTDOOR AIR SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	n-Propylbenzene (mg/m3)			o-Xylenes (mg/m3)			Toluene (mg/m3)			TPH (MW=100) (mg/m3)			Methane (%)		
				1			0.73			5.2								
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	IA-B	[redacted]	5/4/2012	0.00025	J		0.00064	J		0.012			0.76			0.00034		
	IA-C		5/4/2012	0.00021	J		0.00057	J		0.01			0.58			0.00034		
	IA-C-DUP		5/4/2012	0.00023	J		0.00057	J		0.01			0.57			0.00034		
	OA-A		5/4/2012	0.00023	J		0.0013			0.013			3.6					
	IA-B		10/27/2011	0.00029	J		0.001			0.0036			0.34			0.0002		
	IA-C		10/27/2011	0.00035	J		0.00098			0.0036			0.36			0.00021		
	IA-C-DUP		10/27/2011	0.00028	J		0.00098			0.0032			0.31			0.00021		
	OA-A		10/27/2011	0.00054	J		0.0027			0.02			1.2					
	IA-B		7/22/2011	0.00025	J		0.00082	J		0.0058			0.74			0.00083		
	IA-C		7/20/2011	0.00033	J		0.00091			0.0057			0.98			0.00084		
	OA-A		7/22/2011	0.00017	J		0.0004	J		0.0018			0.14					
	IA-B		9/28/2011	0.00038	J		0.001			0.0046			1.1			0.00046		
	IA-C		9/28/2011	0.00053	J		0.001			0.0043			1.2			0.00045		
	IA-D		9/28/2011	0.00039	J		0.00094			0.004			0.86			0.0004		
	OA-A		9/28/2011	0.00018	J		0.00073			0.0087			1.3					
	IA-B		11/8/2011	0.00022	J		0.0014			0.018			0.7			0.00037		
	IA-C		11/8/2011	0.00018	J		0.00077			0.0091			0.49			0.00031		
	OA-A		11/8/2011	0.00034	J		0.00091			0.012			1.3					
	IA-B		6/30/2011	0.00073	J		0.0015			0.0091			1.1			0.0004		
	IA-C		6/30/2011	0.00058	J		0.0014			0.008			0.86			0.00048		
	OA-A		6/30/2011	<0.00086	ND		0.0004	J		0.0022			0.24					
	OA-A-DUP		6/30/2011	<0.00099	ND		0.00035	J		0.0018			0.2					
	IA-B		5/24/2011	0.0011	J		0.0029			0.029			1.7			0.00074		
	IA-C		5/24/2011	0.0015			0.0041			0.038			1.8			0.00074		
	OA-A		5/24/2011	0.00024	J		0.0027			0.01			1.6					
	IA-B		8/11/2011	<0.00079	ND		0.00047	J		0.0025			0.59			0.00024		
	IA-C		8/11/2011	<0.00082	ND		0.00047	J		0.0027			0.17			0.00026		
	OA-A		8/11/2011	<0.00081	J	U	0.00063	J		0.011			2.4					
	IA-B		4/29/2011	0.00024	J		0.00086			0.02			0.79			0.00025		
	IA-C		4/29/2011	0.00016	J		0.0007			0.0085			0.54			0.00022		
	OA-A		4/29/2011	0.00019	J		0.0008			0.0076			1.4					
	IA-B		6/7/2011	<0.0017	ND		0.0009	J		0.016			1.5			0.00033		
	IA-C		6/7/2011	<0.0015	ND		0.00058	J		0.015			1.4			0.00033		
	IA-D		6/7/2011	0.00016	J		0.00065	J		0.013			1.1			0.00033		
	OA-A		6/7/2011	0.00071	J		0.0039			0.022			2.8					
	IA-B		1/25/2012	0.0002	J		0.00069	J		0.0042		J	0.7			0.00028		
	IA-B-DUP		1/25/2012	0.00013	J		0.00061	J		0.0061		J	0.78			0.00028		
	IA-C		1/25/2012	0.00012	J		0.00081			0.0041			0.45			0.00024		
	IA-D		1/25/2012	0.00014	J		0.0003	J		0.003			0.21			0.00021		
	IA-D-DUP		1/25/2012	0.00013	J		0.00041	J		0.0032			0.24			0.0002		
	OA-A		1/25/2012	0.000087	J		0.00034	J		0.0037			0.49					
	IA-B		8/18/2011	0.0041			0.0027			0.0049			1.8			0.00078		
	IA-C		8/18/2011	0.0077			0.0042			0.0051			2.9			0.0011		
	OA-A		8/18/2011	0.00054	J		0.0013			0.012			1.6					
	IA-B		7/27/2011	<0.0042	ND		0.0009	J		0.0053			0.74			0.002		
	IA-C		7/27/2011	0.00031	J	J	0.0011	J		0.006			0.74			0.0039		
	IA-D		7/27/2011	0.00015	J	J	0.00052	J		0.0026			0.26			0.00043		
	IA-E		7/27/2011	0.00034	J	J	0.0011			0.004		J	0.34			0.00023		
	IA-E-DUP		7/27/2011	0.00038	J	J	0.0013			0.0084		J	0.39			0.00023		
	OA-A		7/27/2011	0.00014	J	J	0.00039	J		0.0023			0.23					
	IA-B		1/11/2012	0.00029	J		0.00095			0.0071			1.1			0.00034		
	IA-C		1/11/2012	0.0003	J		0.00071	J		0.0033			0.74			0.00036		
	OA-A		1/11/2012	0.00022	J		0.00065	J		0.0052			0.82					

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-6
SUMMARY OF INDOOR AND OUTDOOR AIR SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	n-Propylbenzene (mg/m3)			o-Xylenes (mg/m3)			Toluene (mg/m3)			TPH (MW=100) (mg/m3)			Methane (%)		
				1			0.73			5.2								
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	IA-B	[redacted]	6/24/2011	0.0003	J		0.0012			0.0044			0.31			0.00027		
	IA-C		6/24/2011	0.00028	J		0.00082			0.0034			0.27			0.0003		
	IA-D		6/24/2011	0.0016			0.0029			0.0028			0.27					
	OA-A		6/24/2011	0.00019	J		0.00073			0.0026			0.078					
	IA-B		5/20/2011	0.00021	J		0.00039	J		0.0022			0.27			0.00023		
	IA-C		5/20/2011	<0.0021	ND		0.00073	J		0.0088			1.2			0.00028		
	IA-D		5/20/2011	0.00015	J	J	0.00045	J		0.0037			0.39			0.00022		
	OA-A		5/20/2011	0.00023	J		0.00096			0.017			1.5					
	IA-B		5/3/2011	0.0005	J		0.0019	J		0.021			2.1			0.00038		
	IA-C		5/3/2011	0.00042	J		0.0016	J		0.012			1.1			0.00045		
	IA-D		5/3/2011	0.00086			0.0025			0.011			0.57					
	OA-A		5/3/2011	0.00013	J		0.00041	J		0.012			1.8					
	IA-B		6/23/2011	<0.0041	ND		0.00067	J		0.0038			4.6			0.00064		
	IA-B-DUP		6/23/2011	<0.004	ND		0.00069	J		0.004			4.9			0.00061		
	IA-C		6/23/2011	0.00029	J		0.00043	J		0.0037			3			0.00089		
	OA-A		6/23/2011	0.00028	J		0.0012			0.015			1.2					
	IA-B		8/23/2011	0.00022	J		0.00055	J		0.0024			0.22			0.00027		
	IA-C		8/23/2011	<0.00081	ND		0.00041	J		0.0018			0.25			0.00032		
	OA-A		8/23/2011	0.00087	J		0.0014	J		0.0072			2.3					
	IA-B		10/25/2013	<0.00079	ND		0.00048	J		0.0025			0.29			0.00034		
	IA-B-DUP		10/25/2013	<0.0008	ND		0.00048	J		0.0026			0.29			0.00033		
	IA-C		10/25/2013	<0.0008	ND		0.00053	J		0.0025			0.21			0.0003		
	IA-D		10/25/2013	<0.00078	ND		0.00035	J		0.0025			0.15			0.00021		
	IA-E		10/25/2013	<0.00077	ND		0.00043	J		0.0023			0.17			0.00025		
	IA-F		10/25/2013	<0.00084	ND		0.00044	J		0.0024			0.19			0.00048		
	OA-A		10/25/2013	<0.00074	ND		0.0004	J		0.0026			0.16					
	IA-B		5/5/2011	0.0002	J		0.00043	J		0.0028			0.79			0.0064		
	IA-C		5/4/2011	<0.00078	ND		0.00036	J		0.0015			0.21			0.00065		
	OA-A-R		5/4/2011	0.00019	J		0.00061	J		0.0098			1.3					
	IA-B		7/20/2011	0.00017	J		0.0011			0.0044			0.57			0.00062		
	IA-C		7/20/2011	0.00016	J		0.0012			0.0044			0.65			0.00062		
	IA-D		7/20/2011	0.00017	J		0.001			0.0043			0.57			0.00056		
	OA-A		7/20/2011	0.00015	J		0.00086			0.0026			0.34					
	IA-B		5/19/2011	0.00022	J		0.00095			0.0087			0.55			0.00037		
	IA-C		5/19/2011	0.00017	J		0.00072			0.0069			3.1			0.00061		
	IA-D		5/19/2011	0.00017	J		0.0007			0.0058			0.26			0.00021		
	OA-A		5/19/2011	0.00021	J		0.00087			0.0075			0.26					
	IA-B		5/2/2011	<0.00082	ND		0.00021	J		0.0014			0.29			0.00037		
			12/8/2013	<0.0011	ND		<0.00098	ND		0.00097			0.26			0.00021		
	IA-B-DUP		12/8/2013	<0.0011	ND		<0.00095	ND		0.00098			0.33			0.00021		
	IA-C		5/1/2011	<0.00072	ND		0.0003	J		0.0021			0.37			0.00054		
			12/8/2013	<0.00084	ND		<0.00074	ND		0.0009			0.12			0.00021		
	OA-A		5/2/2011	<0.00078	ND		0.00048	J		0.012			1.5					
			12/8/2013	<0.00068	ND		<0.0006	ND		0.00093			0.078					
	IA-B		5/6/2011	0.00014	J		0.0021			0.004			0.45			0.00028		
	IA-C		5/6/2011	0.00014	J		0.00078	J		0.0056			1.4			0.00066		
	OA-A		5/6/2011	0.00027	J		0.00095			0.013			2.8					
	IA-B		11/15/2011	<0.00084	J	U	0.0005	J		0.0028			0.53			0.0005		
	OA-A		11/15/2011	0.0004	J		0.0015			0.014			1					
	OA-A-DUP		11/15/2011	0.00029	J		0.00099			0.012			1.2					
	IA-B		6/15/2011	<0.0081	ND		<0.0071	ND		0.017			4.9			0.00073		
	IA-C		6/15/2011	<0.0079	ND		0.0011	J		0.015			4			0.00072		
	OA-A		6/15/2011	0.00069	J		0.0026			0.019			2.8					

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-6
SUMMARY OF INDOOR AND OUTDOOR AIR SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	n-Propylbenzene (mg/m3)			o-Xylenes (mg/m3)			Toluene (mg/m3)			TPH (MW=100) (mg/m3)			Methane (%)		
				1			0.73			5.2								
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	IA-B	[redacted]	5/13/2011	<0.017	ND		0.004	J		0.023			13			0.0028		
	IA-C		5/13/2011	<0.037	ND		0.0049	J		0.023	J		22			0.0047		
	IA-D		5/13/2011	0.00029	J		0.0013			0.0088			0.53					
	OA-A		5/13/2011	0.00026	J		0.0015			0.016			2.9					
	IA-B		4/16/2011	0.00014	J		0.0004	J		0.0028			0.69			0.0019		
	IA-C		4/15/2011	<0.0009	ND		0.0002	J		0.0025			0.65			0.0021		
	IA-C-DUP		4/15/2011	<0.00078	ND		0.00021	J		0.0024			0.7			0.0021		
	OA-A		4/16/2011	0.00013	J		0.00053	J		0.011			1.4					
	OA-A-DUP		4/16/2011	0.00016	J		0.00059			0.0091			1.2					
	IA-B		6/29/2011	0.00026	J		0.00057	J		0.0052			0.86			0.00085		
	IA-B-DUP		6/29/2011	0.00022	J		0.0011			0.0055			0.94			0.00085		
	IA-C		6/29/2011	0.00025	J		0.0006	J		0.0052			0.74			0.00098		
	IA-D		6/29/2011	<0.001	ND		0.0012			0.0049			0.78			0.00086		
	OA-A		6/29/2011	0.0005	J		0.0022			0.012			2.3					
	IA-B		3/21/2012	<0.00088	ND		0.00077	J		0.0033			0.9			0.00032		
	IA-C		3/21/2012	<0.00088	ND		0.0007	J		0.11			1			0.00066		
	IA-D		3/21/2012	<0.00086	ND		0.00086			0.0039			0.78			0.00054		
	OA-A		3/21/2012	0.00029	J		0.0015			0.012			3.4					
	IA-B		5/27/2011	0.00014	J		0.00035	J		0.0056			0.7			0.00032		
	IA-C		5/27/2011	0.00013	J		0.00025	J		0.0028			0.13			0.00021		
	OA-A		5/27/2011	0.00016	J		0.0012			0.011			1					
	IA-B		4/22/2011	<0.00079	ND		0.00025	J		0.0046			0.85			0.00024		
	IA-C		4/22/2011	<0.00073	ND		0.00021	J		0.0021			0.13			0.00025		
	IA-D		4/22/2011	<0.00081	ND		0.00032	J		0.0042			0.086					
	IA-D-DUP		4/22/2011	0.00024	J		0.00033	J		0.0025			<0.067	ND	UJ			
	OA-A		4/22/2011	0.00015	J		0.00086			0.0062			1.6					
	IA-B		11/16/2011	<0.00082	J	U	0.00058	J		0.0066			0.56			0.00045		
	OA-A		11/16/2011	0.00028	J		0.00094			0.0069			0.95					
	IA-B		4/26/2011	0.00018	J		0.0006	J		0.011			1			0.0052		
	IA-C		4/26/2011	0.00012	J		0.00037	J		0.0044			0.46			0.001		
	OA-A		4/26/2011	0.00025	J		0.0016			0.0074			2.5					
	IA-B		4/21/2011	0.00015	J		0.00025	J		0.0026			0.25			0.00025		
	IA-C		4/21/2011	<0.00079	ND		0.00023	J		0.0024			0.22			0.00027		
	OA-A		4/21/2011	0.00016	J		0.00061			0.017			1.8					
	IA-B		4/18/2012	<0.00082	ND		0.00056	J		0.0035			2.8			0.00028		
	IA-C		4/18/2012	<0.00082	ND		0.00042	J		0.0023			0.9			0.00037		
	OA-A		4/18/2012	0.00019	J		0.00081			0.0031			0.38					
	OA-A-DUP		4/18/2012	0.00019	J		0.00083			0.0031			0.35			0.00022		
	IA-B		4/14/2011	<0.00071	ND		0.00032	J		0.0062			0.75			0.00025		
	IA-C		4/14/2011	<0.00081	ND		0.00021	J		0.0036		J	0.58			0.00022		
	IA-C-DUP		4/14/2011	<0.00086	ND		0.00019	J		0.0026		J	0.57			0.00021		
	OA-A		4/14/2011	<0.00082	ND		0.00023	J		0.0055			0.84					
	IA-B		5/10/2011	0.00022	J		0.00097			0.0071			0.37			0.00023		
	OA-A		5/10/2011	0.00082			0.0029			0.034			4.3					
	IA-B		4/19/2011	0.00027	J		0.0009			0.02			2.9			0.00021		
	IA-B-R		8/31/2011	0.00031	J		0.0031			0.051			1.1			0.00035		
	OA-A		4/19/2011	0.00028	J		0.00093			0.018			3					
	OA-A-R		8/31/2011	<0.0043	ND		0.014			0.016			5					
	IA-B		5/12/2011	<0.0018	ND		0.00083	J		0.0066			3			0.00024		
	IA-C		5/12/2011	0.00018	J		0.0011			0.0066			0.76			0.00027		
	OA-A		5/12/2011	0.00043	J		0.0025			0.019			3.7					

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-6
SUMMARY OF INDOOR AND OUTDOOR AIR SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	n-Propylbenzene (mg/m3)			o-Xylenes (mg/m3)			Toluene (mg/m3)			TPH (MW=100) (mg/m3)			Methane (%)		
				1			0.73			5.2								
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	IA-B	[redacted]	5/18/2012	<0.00083	ND		0.00064	J		0.0034			0.16			0.00022		
	IA-C		5/18/2012	0.00017	J		0.00059	J		0.0032			0.18			0.00021		
	IA-D		5/18/2012	<0.00088	ND		0.00028	J		0.0018			0.19			0.00021		
	OA-A		5/18/2012	<0.00078	ND		0.00026	J		0.0015			0.094					

Notes:
Yellow highlighted cells indicate readings that exceed residential screening criterion.

AECOM Qualifiers
J = Estimated detection
UJ = Estimated non-detect
U = Non-detect due to blank contamination
ND, UJ = Non-detected compound associated with low bias in the continuing calibration verification

Lab Qualifiers
J = Estimated value; results between the MDL and RL
U = Compound analyzed for but not detected above the RL

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TABLE 3-7
SUMMARY OF SUB-SLAB SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	1,2,4-Trimethylbenzene (mg/m3)			1,3,5-Trimethylbenzene (mg/m3)			1,4-Dioxane (mg/m3)			2,2,4-Trimethylpentane (mg/m3)			Benzene (mg/m3)			Butane (mg/m3)		
										0.22						0.37					
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	SS-A	[redacted]	9/20/2011	0.0018	J		<0.0068	ND		<0.02	ND		<0.0064	ND		0.0017	J		0.0036	J	
	SS-B		9/20/2011	0.0017	J		0.00074	J		<0.018	ND		0.0016	J		0.0056			0.021		
	SS-C		9/20/2011	0.0028	J		0.0013	J		<0.018	ND		0.00092	J		0.0034	J		0.0045	J	
	SS-A		9/21/2011	0.0016	J		<0.0057	ND		<0.017	ND		0.0013	J		0.0024	J		0.0031	J	
	SS-B		9/21/2011	0.0015	J		<0.0063	ND		<0.018	ND		0.0012	J		0.0023	J		0.0051	J	
	SS-C		9/21/2011	0.0018	J		0.0009	J		<0.018	ND		0.0019	J		0.0047			0.02		
	SS-A		10/19/2011	0.0014	J		<0.0044	ND		0.0011	J		0.0085			0.0072			0.013		
	SS-B		10/19/2011	0.0014	J		<0.0045	ND		<0.013	ND		0.013			0.0079			0.013		
	SS-C		10/19/2011	0.0017	J		<0.0042	ND		<0.012	ND		0.013			0.0076			0.016		
	SS-A		8/18/2011	0.0015	J		<0.0065	ND		<0.019	ND		0.0029	J		0.012			0.0045	J	
	SS-B		8/18/2011	0.0017	J		<0.0062	ND		<0.018	ND		0.0034	J		0.012			0.043		
	SS-A		6/20/2012	<0.0072	ND		<0.0072	ND		<0.021	ND		<0.0069	J	U	0.03			0.0098	J	
	SS-B		6/20/2012	<0.006	ND		<0.006	ND		<0.018	ND		<0.0057	ND		0.0071			<0.012	ND	
	SS-C		6/20/2012	<0.0084	ND		<0.0084	ND		<0.025	ND		0.011			0.0086			<0.016	ND	
	SS-A		10/31/2011	0.0012	J		<0.0044	ND		<0.013	ND		0.0054			0.0024	J		0.0094		
	SS-B		10/31/2011	0.0015	J		<0.0044	ND		<0.013	ND		0.0052			0.0017	J		0.0037	J	
	SS-A		7/14/2011	0.0077	J		<0.0082	J	U	<0.024	ND		<0.0078	ND		0.0091			0.013	J	
	SS-B		7/14/2011	0.0056	J		<0.0078	J	U	<0.023	ND		<0.0074	ND		0.0075			0.02		
	SS-C		7/14/2011	<0.0069	J	U	<0.0069	J	U	0.052			<0.0066	ND		0.003	J		<0.013	ND	
	SS-R-A		9/28/2011	<0.0074	ND		<0.0074	ND		<0.022	ND		<0.0071	ND		0.0037	J		<0.014	ND	
	SS-R-B		9/28/2011	0.0073			0.0028	J		<0.02	ND		0.0052	J		0.0063			0.0057	J	
	SS-R-C		9/28/2011	<0.01	ND	UJ	<0.01	ND	UJ	<0.03	ND	UJ	<0.0098	ND	UJ	0.0034	J	J	0.0085	J	J
	SS-A		11/2/2011	0.0018	J		<0.0043	ND		<0.013	UJ	UJ	0.0017	J		0.0018	J		0.0015	J	
	SS-B		11/2/2011	0.0016	J		<0.0044	ND		<0.013	UJ	UJ	0.00054	J		0.0023	J		0.015		
	SS-C		11/2/2011	0.0018	J		<0.0044	ND		<0.013	UJ	UJ	0.00047	J		<0.0028	J	U	0.0017	J	
	SS-A		9/15/2011	<0.0065	J	U	<0.0065	ND		<0.019	ND		<0.0062	ND		0.00073	J		<0.013	ND	
	SS-B		9/15/2011	<0.0063	J	U	<0.0063	ND		<0.018	ND		0.0017	J		0.00076	J		<0.012	ND	
	SS-C		9/15/2011	<0.0068	J	U	<0.0068	ND		<0.02	ND		<0.0064	ND		0.001	J		<0.013	ND	
	SS-A		10/13/2011	0.00083	J		<0.0046	ND		<0.014	ND		0.00097	J		0.0032			0.01		
	SS-B		10/13/2011	0.001	J		<0.0046	ND		<0.014	ND		<0.0044	ND		0.0068			0.081		
	SS-C		10/13/2011	0.0012	J		0.00061	J		<0.013	ND		0.0025	J		0.0071			0.022		
	SS-A		7/11/2011	<0.0062	ND		<0.0062	ND		<0.018	ND		<0.0059	ND		0.0016	J		<0.012	ND	
	SS-B		7/11/2011	0.0069			0.0021	J		<0.015	ND		<0.005	ND		0.0076			0.009	J	
	SS-A		10/25/2011	0.0024	J		0.00077	J		<0.013	ND		0.0077			0.012			0.015		
	SS-B		10/25/2011	0.0032	J		0.0012	J		<0.013	ND		0.0095			0.011			0.0091		
	SS-C		10/25/2011	0.0021	J		0.00062	J		<0.014	ND		0.0082			0.013			0.0078	J	
	SS-A		5/3/2012	0.0012	J		0.0015	J		<0.013	ND		0.042			0.12			0.011		
	SS-B		5/3/2012	0.0016	J		0.00081	J		<0.013	ND		0.087			0.19			0.017		
	SS-C		5/3/2012	0.0013	J		0.00088	J		<0.012	ND		0.06			0.18			0.0078	J	
	SS-A		10/26/2011	0.0026	J		0.0012	J		<0.013	ND		0.0067			0.012			0.0093		
	SS-B		10/26/2011	0.0019	J		0.00085	J		<0.013	ND		0.0066			0.012			0.0068	J	
	SS-C		10/26/2011	0.0028	J		0.0013	J		<0.012	ND		0.0077			0.013			0.008	J	
	SS-A		7/21/2011	0.0055	J		<0.0072	J	U	0.0039	J		<0.0069	ND		0.0081			0.022		
	SS-B		7/21/2011	<0.0059	J	U	<0.0059	J	U	<0.017	ND		0.0075			0.031			0.025		
	SS-A		9/27/2011	<0.0073	J	U	<0.0073	J	U	<0.021	ND		<0.0069	ND		0.0028	J		0.015		
	SS-B		9/27/2011	<0.0073	J	U	<0.0073	ND		<0.021	ND		0.0038	J		0.0037	J		0.019		
	SS-C		9/27/2011	<0.0067	J	U	<0.0067	ND		<0.02	ND		0.0032	J		0.0036	J		0.026		
	SS-A		11/7/2011	<0.0045	J	U	0.00068	J		<0.013	ND		0.0013	J		0.0018	J		0.0045	J	
	SS-B		11/7/2011	<0.0043	J	U	0.00058	J		<0.013	ND		0.0015	J		0.0038			0.0083		
	SS-C		11/7/2011	<0.0044	J	U	<0.0044	ND		<0.013	ND		0.0015	J		0.0018	J		0.015		
	SS-A		6/29/2011	0.0054	J	J	0.0034	J	J	<0.019	ND	UJ	0.0019	J	J	0.0072		J	0.022		J
	SS-B		6/29/2011	0.0038	J		0.0024	J		<0.019	ND		0.0025	J		0.011			0.01	J	
	SS-C		6/29/2011	0.0036	J		0.0026	J		<0.019	ND		0.0022	J		0.0066			0.0098	J	

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-7
SUMMARY OF SUB-SLAB SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	1,2,4-Trimethylbenzene (mg/m3)			1,3,5-Trimethylbenzene (mg/m3)			1,4-Dioxane (mg/m3)			2,2,4-Trimethylpentane (mg/m3)			Benzene (mg/m3)			Butane (mg/m3)		
										0.22						0.37					
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	SS-A	[redacted]	5/23/2011	<0.0069	ND		<0.0069	ND		<0.02	ND		0.0027	J		0.003	J		0.0096	J	
	SS-B		5/23/2011	<0.0068	ND		<0.0068	ND		<0.02	ND		<0.0064	J	U	0.0018	J		0.0071	J	
	SS-C		5/23/2011	<0.0066	ND		<0.0066	ND		<0.019	ND		<0.0063	J	U	0.002	J		0.0082	J	
	SS-A		8/10/2011	<0.0065	J	U	<0.0065	J	U	<0.019	ND		0.0016	J		0.0016	J		<0.012	ND	
	SS-B		8/10/2011	<0.0066	J	U	<0.0066	J	U	<0.019	ND		<0.0063	ND		0.0014	J		<0.013	ND	
	SS-A		4/28/2011	0.005	J		0.002	J		<0.018	ND		0.0061			0.012			0.03		
	SS-B		4/28/2011	0.0036	J		0.0019	J		<0.018	ND		0.038		J	0.018		J	0.028		
	SS-B-DUP		4/28/2011	0.004	J		0.0017	J		<0.018	ND		0.012		J	0.011		J	0.018		
	SS-A		1/24/2012	0.0013	J		<0.0046	ND		<0.013	ND		0.0012	J		0.0088			0.0051	J	
	SS-B-R		1/24/2012	0.02			0.0073			<0.014	ND		0.2			0.045			0.04		
	SS-C		1/24/2012	0.0022	J		<0.0047	ND		<0.014	ND		0.0054			0.012			0.016		
	SS-A		8/17/2011	0.0016	J		<0.0068	ND		<0.02	ND		<0.0064	ND		0.0026	J		<0.013	ND	
	SS-A-DUP		8/17/2011	0.0017	J		<0.0062	ND		<0.018	ND		<0.0059	ND		0.0023	J		<0.012	ND	
	SS-B		8/17/2011	0.0015	J		<0.0065	ND		<0.019	ND		<0.0062	ND		0.0037	J		<0.012	ND	
	SS-C		8/17/2011	0.0022	J		<0.0071	ND		<0.021	ND		<0.0068	ND		0.045			0.0087	J	
	SS-A		7/26/2011	0.0018	J		<0.0069	ND		<0.02	ND		0.0024	J		0.099			0.094		
	SS-B		7/26/2011	0.0019	J		<0.0063	ND		<0.018	ND		0.0026	J		0.1			0.013		
	SS-C		7/26/2011	0.0018	J		<0.0068	ND		<0.02	ND		0.0039	J		0.082			0.0076	J	
	SS-A		1/10/2012	0.0017	J		0.00094	J		0.0035	J		<0.0042	ND		0.0032			0.0071	J	
	SS-B		1/10/2012	0.0015	J		0.00068	J		<0.013	ND		0.00057	J		0.004			0.01		
	SS-C		1/10/2012	0.0021	J		0.0012	J		<0.013	ND		0.0022	J		0.0039			0.015		
	SS-A		6/23/2011	0.0017	J		<0.0056	ND		<0.016	ND		0.0049	J		0.0076			0.019		
	SS-C		6/23/2011	<0.0066	ND		<0.0066	ND		<0.019	ND		0.002	J		0.0056			0.028		
	SS-A		5/19/2011	<0.0063	J	U	<0.0063	J	U	<0.018	ND		0.0017	J		0.0065			0.0085	J	
	SS-A-DUP		5/19/2011	<0.0066	ND		<0.0066	J	U	<0.019	ND		0.0033	J		0.0065			0.01	J	
	SS-C		5/19/2011	<0.0065	ND		<0.0065	J	U	<0.019	ND		0.003	J		0.0058			0.0072	J	
	SS-A		5/2/2011	<0.0065	J	U	<0.0065	J	U	<0.019	ND		0.0026	J		0.0034	J		0.0076	J	
	SS-B		5/2/2011	<0.0066	ND		<0.0066	ND		<0.019	ND		<0.0063	ND		0.0087			0.0068	J	
	SS-C		5/2/2011	<0.0059	J	U	<0.0059	J	U	<0.017	ND		0.0072			0.0044			0.0056	J	
	SS-A		6/22/2011	0.002	J		0.0011	J		<0.019	ND		<0.0062	ND		0.0064			0.039		
	SS-B		6/22/2011	<0.0052	ND	UJ	0.00049	J	J	<0.015	ND	UJ	0.0044	J	J	0.014		J	0.041		J
	SS-C		6/22/2011	<0.0074	ND	UJ	<0.0074	ND	UJ	<0.022	ND	UJ	0.0032	J	J	0.0033	J	J	<0.016		U
	SS-A		8/22/2011	<0.0063	J	U	<0.0063	ND		<0.018	ND		0.0014	J		0.0091			0.18		
	SS-B		8/22/2011	<0.0068	ND		<0.0068	ND		<0.02	ND		<0.0064	ND		0.0023	J		<0.013	ND	
	SS-C		8/22/2011	<0.0065	J	U	<0.0065	ND		<0.019	ND		0.00096	J		0.0067			<0.012	ND	
	SS-A		10/24/2013	0.0075			0.0037	J		<0.018	ND		0.0033	J		0.025			0.1		
	SS-B		10/24/2013	0.0039	J		0.0019	J		<0.018	ND		0.0088			0.028			0.021		
	SS-C		10/24/2013	0.013			0.0052	J		<0.019	ND		0.023			0.035			0.026		
	SS-A		5/3/2011	<0.0066	ND		<0.0066	ND		<0.019	ND		<0.0062	J	U	0.0051			0.01	J	
	SS-A-DUP		5/3/2011	<0.0067	ND		<0.0067	ND		0.0048	J		0.0029	J		0.0051			0.0094	J	
	SS-B		5/3/2011	<0.0061	J	U	<0.0061	J	U	<0.018	ND		0.0032	J		0.093			0.012		
	SS-A		7/19/2011	<0.008	ND		<0.008	ND		<0.023	ND		0.0025	J		0.0071			0.036		
	SS-B		7/19/2011	<0.0072	ND		<0.0072	ND		<0.021	ND		<0.0068	ND		0.0017	J		0.02		
	SS-B-DUP		7/19/2011	<0.008	ND		<0.008	ND		<0.023	ND		<0.0076	ND		0.0018	J		<0.015	ND	
	SS-C		7/19/2011	<0.0071	J	U	<0.0071	ND		<0.021	ND		<0.0068	ND		<0.0046	ND		<0.014	ND	
	SS-A		5/18/2011	0.0034	J	J	<0.0071	J	U	<0.021	ND	UJ	0.071		J	0.03		J	0.017		J
	SS-B		5/18/2011	<0.0063	ND		<0.0063	ND		<0.018	ND		0.12			0.015		J	0.035		
	SS-B-DUP		5/18/2011	<0.0066	ND	UJ	<0.0066	ND	UJ	<0.019	ND	UJ	0.13		J	0.006		J	0.032		J
	SS-C		5/18/2011	0.023			0.012			<0.021	ND		1.7			0.018			1		

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TABLE 3-7
SUMMARY OF SUB-SLAB SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	1,2,4-Trimethylbenzene (mg/m3)			1,3,5-Trimethylbenzene (mg/m3)			1,4-Dioxane (mg/m3)			2,2,4-Trimethylpentane (mg/m3)			Benzene (mg/m3)			Butane (mg/m3)		
										0.22						0.37					
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	SS-A	[redacted]	4/30/2011	<0.0061	J	U	<0.0061	J	U	<0.018	ND		0.0063			0.018			0.032		
			12/7/2013	0.0011	J		<0.0063	ND		<0.018	ND		0.012			0.0092			<0.012	ND	
	SS-B		12/7/2013	0.0029	J		<0.0061	ND		<0.018	ND		0.0027	J		0.0041			0.0058	J	
	SS-C		4/30/2011	<0.0056	J	U	<0.0056	J	U	<0.016	ND		0.0013	J		0.0053			0.009	J	
			12/7/2013	0.0012	J		<0.0063	ND		<0.018	ND		0.0061			0.0037	J		0.015		
	SS-A		5/5/2011	<0.0063	ND		<0.0063	ND		<0.018	ND		0.32			0.0037	J		0.04		
	SS-A-DUP		5/5/2011	<0.0063	ND		<0.0063	ND		<0.018	ND		0.3			0.0029	J		0.034		
	SS-B		5/5/2011	<0.0069	ND		<0.0069	ND		<0.02	ND		0.0049	J		0.0046			0.0067	J	
	SS-C		5/5/2011	<0.14	ND		<0.14	ND		<0.084	ND		6.1			0.035	J		8.2		
			6/6/2011	<0.0065	ND		<0.0065	ND		<0.019	ND		0.0027	J		0.015			0.01	J	
	SS-C-R		5/10/2011	<0.68	ND		<0.68	ND		<2	ND		670			0.36	J		860		
	SS-A		11/14/2011	<0.027	ND		<0.027	ND		<0.08	ND		0.0059	J		0.033			0.02	J	
	SS-B		11/14/2011	<0.014	ND		<0.014	ND		<0.041	ND		0.0033	J		0.0083	J		<0.027	J	U
	SS-A		6/14/2011	<0.0074	J	U	<0.0074	J	U	<0.022	ND		0.0046	J		0.011			0.014		J
	SS-B		6/14/2011	<0.0074	J	U	<0.0074	J	U	<0.022	ND		0.0022	J		0.0048			0.0083	J	J
	SS-C		6/14/2011	<0.052	ND		<0.052	ND		<0.15	ND		<0.049	ND		0.0082	J		9.9		J
	SS-A		5/12/2011	<0.013	ND		<0.013	ND		<0.039	ND		96			0.044	J		2.3		
	SS-B		5/12/2011	<3.2	ND	UJ	<3.2	ND	UJ	<9.5	ND	UJ	1600		J	3.2	J	J	8000		J
	SS-C		5/12/2011	<0.52	ND		<0.52	ND		<1.5	ND		250			<0.34	ND		1200		
	SS-A		4/14/2011	<0.0066	J	U	<0.0066	J	U	<0.019	ND		0.092			0.21			0.12		
	SS-B		4/14/2011	<0.015	ND		<0.015	ND		<0.045	ND		0.76			0.92			0.88		
	SS-A		6/28/2011	<0.0061	J	U	<0.0061	ND		<0.018	ND		0.0057	J		0.012			0.016		
	SS-B		6/28/2011	<0.0061	J	U	<0.0061	ND		<0.018	ND		0.0023	J		0.0031	J		<0.012	ND	
	SS-A		3/20/2012	0.028			0.012			<0.015	ND		<0.005	ND		0.0036			0.0035	J	
	SS-B		3/20/2012	<0.0045	ND		<0.0045	ND		0.0023	J		0.088			0.04			0.005	J	
	SS-A		5/26/2011	<0.0063	ND		<0.0063	ND		<0.018	ND		0.001	J		0.0039	J		0.0051	J	
	SS-B		5/26/2011	0.0013	J		<0.0058	ND		<0.017	ND		0.0042	J		0.036			0.007	J	
	SS-A		4/21/2011	<0.0059	J	U	<0.0059	J	U	<0.017	ND		0.34			0.22			0.4		
	SS-B		4/21/2011	<0.0065	ND		<0.0065	ND		<0.019	ND		0.018			0.0098			0.014		
	SS-C		4/21/2011	<0.026	ND		<0.026	ND		<0.078	ND		0.89			0.016	J		4.9		
	SS-A		11/15/2011	<0.012	ND		<0.012	ND		<0.035	ND		0.0051	J		0.019			0.011	J	
	SS-B		11/15/2011	<0.0077	ND		<0.0077	ND		<0.022	ND		0.0016	J		0.014			0.01	J	
	SS-A		4/25/2011	<0.0061	ND		<0.0061	ND		<0.018	ND		0.12			0.0075			0.05		
	SS-B		4/25/2011	<0.0057	ND		<0.0057	ND		<0.017	ND		0.065			0.0054			0.016		
	SS-C		4/25/2011	<0.0061	J	U	<0.0061	J	U	<0.018	ND		0.016			0.015			0.03		
	SS-B		4/21/2011	<140	ND		<140	ND		<420	ND		3200			<92	ND		34000		
	SS-A		4/27/2012	0.0015	J		<0.0045	ND		<0.013	ND		0.094			0.18			0.018		
	SS-B		4/27/2012	0.0019	J		0.00093	J		<0.013	ND		0.45			0.099			0.066		
	SS-C		4/27/2012	<1.5	ND		<1.5	ND		<4.4	ND		39			0.42	J		220		
	SS-A		4/13/2011	<0.0059	J	U	<0.0059	ND		<0.017	ND		0.00034	J		0.0026	J		0.0064	J	
	SS-B		4/13/2011	<0.0068	ND		<0.0068	ND		<0.02	ND		0.012			0.4			0.0064	J	
	SS-A		5/9/2011	0.0042	J		<0.0076	ND		<0.022	ND		0.13			0.13			0.1		
	SS-B		5/9/2011	0.004	J		0.0066	J		<0.021	ND		0.02			0.011			0.042		
	SS-C		5/9/2011	0.0011	J		<0.0068	ND		<0.02	ND		0.0048	J		0.0037	J		0.01	J	
	SS-A		4/18/2011	0.0088	J		0.0069	J		<0.068	ND		0.87			0.69			2.9		
	SS-A-R		8/30/2011	0.0011	J		<0.0066	ND		<0.019	ND		<0.0063	ND		0.0071			<0.013	ND	
	SS-B		4/18/2011	0.017			0.0092			<0.016	ND		0.1			0.21			0.074		
	SS-B-R		8/30/2011	0.0014	J		<0.0068	ND		<0.02	ND		<0.0064	ND		0.02			0.053		
	SS-A		5/11/2011	<0.0063	J	U	<0.0063	ND		<0.018	ND		0.0049	J		0.01			0.025		
	SS-B		5/11/2011	0.0043	J		<0.0063	J	U	<0.018	ND		0.035			0.1			0.039		
	SS-C		5/11/2011	<0.0058	J	U	<0.0058	ND		<0.017	ND		0.011			0.0076			0.023		
	SS-C-DUP		5/11/2011	<0.0066	J	U	<0.0066	J	U	<0.019	ND		0.012			0.008			0.021		

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TABLE 3-7
SUMMARY OF SUB-SLAB SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	1,2,4-Trimethylbenzene (mg/m3)			1,3,5-Trimethylbenzene (mg/m3)			1,4-Dioxane (mg/m3)			2,2,4-Trimethylpentane (mg/m3)			Benzene (mg/m3)			Butane (mg/m3)		
										0.22						0.37					
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	SS-A	[redacted]	5/17/2012	<0.0047	J	U	0.00079	J		<0.014	ND		0.081			0.055			0.026		
	SS-B		5/17/2012	<0.0046	J	U	<0.0046	ND		<0.013	ND		0.052			0.12			0.023		
	SS-C		5/17/2012	<0.0047	J	U	<0.0047	ND		<0.014	ND		0.041			0.033			0.01		

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TABLE 3-7
SUMMARY OF SUB-SLAB SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	Cyclohexane (mg/m3)			Ethylbenzene (mg/m3)			Hexane (mg/m3)			Isopentane (mg/m3)			m,p-Xylenes (mg/m3)			n-Propylbenzene (mg/m3)		
							1.3									130					
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	SS-A	[redacted]	9/20/2011	<0.0048	ND		0.0025	J		0.0018	J		0.007	J		0.0065			<0.0068	ND	
	SS-B		9/20/2011	0.0033	J		0.0051	J		0.0077			0.023			0.013			0.00058	J	
	SS-C		9/20/2011	0.0018	J		0.0032	J		0.001	J		0.012	J		0.0089			0.00069	J	
	SS-A		9/21/2011	0.0014	J		0.0012	J		0.0014	J		0.0034	J		0.0035	J		<0.0057	ND	
	SS-B		9/21/2011	0.0018	J		0.0022	J		0.0013	J		0.023			0.0052	J		<0.0063	ND	
	SS-C		9/21/2011	0.0028	J		0.0036	J		0.0056			0.016			0.0087			<0.0062	ND	
	SS-A		10/19/2011	0.0015	J		0.0029	J		0.011			<0.011	ND		0.0073			0.00056	J	
	SS-B		10/19/2011	0.0024	J		0.0039	J		0.013			0.016			0.01			0.00061	J	
	SS-C		10/19/2011	0.0028	J		0.0026	J		0.012			0.018			0.0079			0.00053	J	
	SS-A		8/18/2011	<0.0045	ND		0.0014	J		0.0022	J		0.0052	J		0.0022	J		<0.0065	ND	
	SS-B		8/18/2011	0.0017	J		0.0019	J		0.011			0.029			0.004	J		<0.0062	ND	
	SS-A		6/20/2012	0.0026	J		0.0028	J		0.002	J		0.016	J		0.0086			<0.0072	ND	
	SS-B		6/20/2012	<0.0042	ND		0.0026	J		<0.0043	ND		0.003	J		0.0076			<0.006	ND	
	SS-C		6/20/2012	0.0019	J		0.0028	J		0.0032	J		0.015	J		0.0096			<0.0084	ND	
	SS-A		10/31/2011	0.0025	J		0.0035	J		0.0038			0.0097	J		0.01			<0.0044	ND	
	SS-B		10/31/2011	0.0012	J		0.0026	J		0.0027	J		0.0031	J		0.0083			0.00055	J	
	SS-A		7/14/2011	0.0032	J		0.021			0.0043	J		<0.02	ND		0.048			0.0023	J	
	SS-B		7/14/2011	0.0053	J		0.042			0.0078			0.03			0.07			0.0029	J	
	SS-C		7/14/2011	0.0016	J		0.012			0.0012	J		0.011	J		0.036			0.0014	J	
	SS-R-A		9/28/2011	<0.0052	ND		0.0021	J		0.0062			0.1			0.0043	J		<0.0074	ND	
	SS-R-B		9/28/2011	<0.0048	ND		0.0075			0.0076			0.88			0.023			0.0012	J	
	SS-R-C		9/28/2011	<0.0072	ND	UJ	0.002	J	J	0.0064	J	J	0.0094	J	J	0.0037	J	J	<0.01	ND	UJ
	SS-A		11/2/2011	0.00044	J		0.0013	J		0.0017	J		0.0021	J		0.004			0.00063	J	
	SS-B		11/2/2011	0.00049	J		0.0014	J		0.0027	J		0.006	J		0.0043			<0.0044	ND	
	SS-C		11/2/2011	0.00057	J		0.0018	J		0.0012	J		0.001	J		0.0051			0.00053	J	
	SS-A		9/15/2011	0.002	J		0.0015	J		<0.0047	ND		0.0083	J		0.0046	J		<0.0065	ND	
	SS-B		9/15/2011	0.0012	J		0.0013	J		0.0024	J		<0.015	ND		0.0028	J		<0.0063	ND	
	SS-C		9/15/2011	<0.0048	ND		<0.006	ND		0.0011	J		<0.016	ND		0.0027	J		<0.0068	ND	
	SS-A		10/13/2011	0.00081	J		0.00089	J		0.0038			0.011			0.0023	J		<0.0046	ND	
	SS-B		10/13/2011	0.0029	J		0.0015	J		0.012			0.034			0.0034	J		<0.0046	ND	
	SS-C		10/13/2011	0.0029	J		0.0013	J		0.01			0.024			0.0034	J		<0.0046	ND	
	SS-A		7/11/2011	<0.0043	ND		0.0034	J		0.0014	J		<0.015	ND		0.01			<0.0062	ND	
	SS-B		7/11/2011	0.0022	J		0.014			0.0061			0.0063	J		0.051			0.0015	J	
	SS-A		10/25/2011	0.0029	J		0.0084			0.018			0.019			0.021			0.0012	J	
	SS-B		10/25/2011	0.0026	J		0.0092			0.013			0.011	J		0.026			0.0012	J	
	SS-C		10/25/2011	0.0028	J		0.0062			0.018			0.014			0.018			0.00086	J	
	SS-A		5/3/2012	0.0097			0.0044			0.016			0.024			0.0082			0.00072	J	
	SS-B		5/3/2012	0.026			0.0072			0.046			0.039			0.012			0.0012	J	
	SS-C		5/3/2012	0.011			0.0039			0.0099			0.015			0.0095			<0.0042	ND	
	SS-A		10/26/2011	0.0042			0.0065			0.018			0.013			0.017			0.0012	J	
	SS-B		10/26/2011	0.0037			0.0053			0.016			0.011			0.015			0.0013	J	
	SS-C		10/26/2011	0.0031			0.0088			0.018			0.013			0.021			0.0011	J	
	SS-A		7/21/2011	0.0024	J		0.0098			0.009			<0.017	ND		0.012			<0.0072	J	U
	SS-B		7/21/2011	0.0036	J		0.0093			0.01			0.029			0.024			<0.0059	J	U
	SS-A		9/27/2011	<0.0051	ND		0.0026	J		0.0058			0.076			0.0065			<0.0073	J	U
	SS-B		9/27/2011	0.0018	J		0.003	J		0.01			<0.017	ND		0.006	J		<0.0073	J	U
	SS-C		9/27/2011	<0.0047	ND		0.0088			0.01			<0.016	ND		0.026			<0.0067	J	U
	SS-A		11/7/2011	<0.0031	ND		0.0045			0.0013	J		0.0058	J		0.015			<0.0045	ND	
	SS-B		11/7/2011	<0.003	ND		0.0025	J		0.0022	J		0.0095	J		0.0082			<0.0043	ND	
	SS-C		11/7/2011	0.0014	J		0.0024	J		0.0039			0.02			0.0078			<0.0044	ND	
	SS-A		6/29/2011	0.0027	J	J	0.015		J	0.0063		J	0.016		J	0.034		J	0.002	J	J
	SS-B		6/29/2011	0.0012	J		0.0077			0.0045	J		0.0095	J		0.02			0.0014	J	
	SS-C		6/29/2011	0.001	J		0.0074			0.0038	J		0.0068	J		0.018			0.0013	J	

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TABLE 3-7
SUMMARY OF SUB-SLAB SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	Cyclohexane (mg/m3)			Ethylbenzene (mg/m3)			Hexane (mg/m3)			Isopentane (mg/m3)			m,p-Xylenes (mg/m3)			n-Propylbenzene (mg/m3)		
							1.3									130					
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	SS-A	[redacted]	5/23/2011	<0.0048	ND		0.0019	J		0.0028	J		<0.017	ND		0.0042	J		<0.0069	J	U
	SS-B		5/23/2011	<0.0048	ND		0.00092	J		<0.0049	ND		<0.016	ND		<0.006	J	U	<0.0068	ND	
	SS-C		5/23/2011	<0.0046	ND		0.00099	J		0.0021	J		<0.016	ND		<0.0058	J	U	<0.0066	ND	
	SS-A		8/10/2011	<0.0045	ND		0.0017	J		0.0018	J		0.01	J		0.004	J		<0.0065	J	U
	SS-B		8/10/2011	0.004	J		<0.0058	ND		0.0078			0.048			0.0043	J		<0.0066	J	U
	SS-A		4/28/2011	0.0051			0.0055			0.012			0.08			0.0074			0.0012	J	
	SS-B		4/28/2011	0.0066			0.0062			0.01			0.046			0.0072			0.0013	J	
	SS-B-DUP		4/28/2011	0.0038	J		0.0058			0.0079			0.019			0.0078			0.0015	J	
	SS-A		1/24/2012	<0.0032	J	U	0.0027	J		0.0027	J		0.003	J		0.0091			<0.0046	ND	
	SS-B-R		1/24/2012	0.032			0.0078			0.12			0.06			0.034			0.0031	J	
	SS-C		1/24/2012	0.0016	J		0.0077			0.0044			0.0058	J		0.023			0.001	J	
	SS-A		8/17/2011	<0.0048	ND		<0.006	ND		0.0012	J		0.0044	J		0.0027	J		<0.0068	ND	
	SS-A-DUP		8/17/2011	<0.0043	ND		0.0012	J		0.0015	J		0.025			0.0029	J		<0.0062	ND	
	SS-B		8/17/2011	<0.0045	ND		<0.0057	ND		<0.0046	ND		0.0036	J		0.0022	J		<0.0065	ND	
	SS-C		8/17/2011	<0.005	ND		<0.0063	ND		0.0014	J		0.0065	J		0.0021	J		<0.0071	ND	
	SS-A		7/26/2011	0.0032	J		0.0016	J		0.0075			0.026			0.0043	J		<0.0069	ND	
	SS-B		7/26/2011	0.0021	J		0.0016	J		0.0043	J		0.018			0.0038	J		<0.0063	ND	
	SS-C		7/26/2011	0.0016	J		0.0015	J		0.0046	J		0.013	J		0.004	J		<0.0068	ND	
	SS-A		1/10/2012	0.00096	J		0.0021	J		0.0013	J		0.0072	J		0.0051			<0.0044	J	U
	SS-B		1/10/2012	<0.0031	ND		0.0019	J		0.0025	J		0.0073	J		0.0054			<0.0045	J	U
	SS-C		1/10/2012	0.0013	J		0.0033	J		0.0037			0.1			0.0086			<0.0044	J	U
	SS-A		6/23/2011	0.0045			0.0053			0.0082			0.024			0.011			0.00067	J	
	SS-C		6/23/2011	0.0017	J		0.0041	J		0.0054			0.013	J		0.008			<0.0066	ND	
	SS-A		5/19/2011	<0.0044	ND		0.0016	J		<0.0045	ND		0.0079	J		0.0029	J		<0.0063	J	U
	SS-A-DUP		5/19/2011	<0.0046	ND		<0.0058	J	U	0.0014	J		0.0066	J		<0.0058	J	U	<0.0066	ND	
	SS-C		5/19/2011	<0.0045	ND		<0.0057	J	U	0.00095	J		<0.016	ND		0.0025	J		<0.0065	J	U
	SS-A		5/2/2011	<0.0045	ND		<0.0057	J	U	0.0032	J		0.01	J		<0.0057	J	U	<0.0065	J	U
	SS-B		5/2/2011	<0.0046	ND		<0.0059	J	U	0.0034	J		0.01	J		<0.0059	J	U	<0.0066	J	U
	SS-C		5/2/2011	0.0016	J		<0.0052	J	U	0.0028	J		0.012	J		<0.0052	J	U	<0.0059	ND	
	SS-A		6/22/2011	<0.0045	ND		0.0043	J		0.006			0.0093	J		0.012			<0.0065	J	U
	SS-B		6/22/2011	0.0012	J	J	0.0031	J	J	0.0042		J	0.013		J	0.0068		J	<0.0052	J	U
	SS-C		6/22/2011	<0.0052	ND	UJ	0.0053	J	J	<0.0053	J	U	<0.018	ND	UJ	0.015		J	<0.0074	ND	UJ
	SS-A		8/22/2011	0.002	J		0.0016	J		0.018			0.049			0.0044	J		<0.0063	J	U
	SS-B		8/22/2011	<0.0048	J	U	<0.006	ND		<0.0049	ND		0.0035	J		<0.006	J	U	<0.0068	ND	
	SS-C		8/22/2011	0.0019	J		0.0018	J		0.002	J		0.0043	J		0.0058			<0.0065	ND	
	SS-A		10/24/2013	0.0028	J		<0.0056	ND		0.016			0.043			0.0059			<0.0063	ND	
	SS-B		10/24/2013	0.0034	J		0.0017	J		0.012			0.018			0.0061			0.0012	J	
	SS-C		10/24/2013	0.0048			0.0046	J		0.015			0.026			0.05			0.0014	J	
	SS-A		5/3/2011	0.0022	J		<0.0058	J	U	0.0027	J		0.022			<0.0058	J	U	<0.0066	J	U
	SS-A-DUP		5/3/2011	0.0015	J		<0.0059	J	U	0.0029	J		0.019			<0.0059	J	U	<0.0067	ND	
	SS-B		5/3/2011	0.0096			0.004	J		0.0082			0.032			0.016			<0.0061	J	U
	SS-A		7/19/2011	<0.0056	ND		0.0029	J		0.0039	J		0.01	J		0.007	J		<0.008	ND	
	SS-B		7/19/2011	<0.005	ND		<0.0063	ND		0.0025	J		0.0082	J		0.0037	J		<0.0072	ND	
	SS-B-DUP		7/19/2011	<0.0056	ND		<0.0071	ND		0.0032	J		<0.019	ND		0.0031	J		<0.008	ND	
	SS-C		7/19/2011	<0.005	ND		<0.0063	ND		0.0014	J		0.0033	J		0.0015	J		<0.0071	ND	
	SS-A		5/18/2011	0.0045	J	J	0.0028	J	J	0.0088		J	0.022		J	0.0062		J	<0.0071	J	U
	SS-B		5/18/2011	0.013			0.0012	J		0.005			0.2		J	0.0027	J		<0.0063	ND	
	SS-B-DUP		5/18/2011	0.012		J	0.00072	J	J	0.0046		J	0.23		J	<0.0058	J	U	<0.0066	ND	UJ
	SS-C		5/18/2011	0.2			0.0046	J		0.14			1.7		J	0.014			0.0029	J	

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TABLE 3-7
SUMMARY OF SUB-SLAB SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	Cyclohexane (mg/m3)			Ethylbenzene (mg/m3)			Hexane (mg/m3)			Isopentane (mg/m3)			m,p-Xylenes (mg/m3)			n-Propylbenzene (mg/m3)		
							1.3									130					
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	SS-A	[redacted]	4/30/2011	0.0032	J		<0.0054	J	U	0.0079			0.021			<0.0054	J	U	<0.0061	J	U
			12/7/2013	<0.0044	ND		<0.0055	ND		<0.0045	ND		<0.015	ND		0.0028	J		<0.0063	ND	
	SS-B		12/7/2013	<0.0043	ND		<0.0054	ND		0.0024	J		<0.015	ND		0.0034	J		<0.0061	ND	
	SS-C		4/30/2011	<0.0039	ND		<0.0049	J	U	0.0027	J		0.014			<0.0049	J	U	<0.0056	ND	
			12/7/2013	<0.0044	ND		<0.0055	ND		<0.0045	ND		<0.015	ND		0.0032	J		<0.0063	ND	
	SS-A		5/5/2011	<0.0044	ND		<0.0056	J	U	0.0079			0.24			<0.0056	J	U	<0.0063	J	U
	SS-A-DUP		5/5/2011	<0.0044	ND		<0.0056	ND		0.0055			0.22			<0.0056	J	U	<0.0063	ND	
	SS-B		5/5/2011	<0.0048	ND		0.0014	J		0.0019	J		<0.016	ND		<0.0061	J	U	<0.0069	ND	
	SS-C		5/5/2011	0.12			0.032	J		0.28			21			0.068	J		<0.14	ND	
			6/6/2011	0.0024	J		0.0039	J		0.0047			0.01	J		0.0041	J		<0.0065	ND	
	SS-C-R		5/10/2011	<0.48	ND		<0.6	ND		72			2400			<0.6	ND		<0.68	ND	
	SS-A		11/14/2011	<0.019	ND		0.0057	J		0.0074	J		<0.066	ND		0.016	J		<0.027	ND	
	SS-B		11/14/2011	0.0027	J		0.0074	J		0.0048	J		0.011	J		0.021			<0.014	ND	
	SS-A		6/14/2011	<0.0052	ND		<0.0066	J	U	0.0038	J		<0.018	ND		<0.0066	J	U	<0.0074	J	U
	SS-B		6/14/2011	<0.0052	ND		<0.0066	J	U	0.0036	J		<0.018	ND		0.005	J		<0.0074	ND	
	SS-C		6/14/2011	<0.036	ND		<0.046	ND		<0.037	ND		<0.12	ND		<0.046	ND		<0.052	ND	
	SS-A		5/12/2011	0.06	J		<0.012	ND		0.13			5.7			<0.012	ND		<0.013	ND	
	SS-B		5/12/2011	170		J	<2.9	ND	UJ	310		J	10000		J	<2.9	ND	UJ	<3.2	ND	UJ
	SS-C		5/12/2011	16			<0.46	ND		21			1500			<0.46	ND		<0.52	ND	
	SS-A		4/14/2011	0.023			0.0066			0.042			0.22			<0.0059	J	U	<0.0066	J	U
	SS-B		4/14/2011	0.19			0.013	J		0.22			2.3			0.0066	J		0.0029	J	
	SS-A		6/28/2011	0.004	J		0.0051	J		0.0049			0.013	J		0.017			<0.0061	ND	
	SS-B		6/28/2011	0.0011	J		0.0091			<0.0044	ND		0.03			0.024			<0.0061	ND	
	SS-A		3/20/2012	0.002	J		0.018			0.0026	J		0.0068	J		0.087			0.0076		
	SS-B		3/20/2012	0.014			0.0022	J		0.016			0.013			0.0053			<0.0045	ND	
	SS-A		5/26/2011	<0.0044	ND		0.001	J		0.00096	J		<0.015	ND		0.0027	J		<0.0063	ND	
	SS-B		5/26/2011	0.00087	J		0.0015	J		0.0026	J		0.0052	J		0.0028	J		<0.0058	ND	
	SS-A		4/21/2011	0.051			0.0072			0.096			0.69			0.005			0.0014	J	
	SS-B		4/21/2011	0.0017	J		<0.0057	ND		0.0066			0.017			<0.0057	J	U	<0.0065	ND	
	SS-C		4/21/2011	0.074			<0.023	ND		0.33			5.7			<0.023	ND		<0.026	ND	
	SS-A		11/15/2011	0.0019	J		0.0033	J		0.0092			0.016	J		0.01			<0.012	ND	
	SS-B		11/15/2011	0.0019	J		0.024			0.013			<0.018	ND		0.055			<0.0077	ND	
	SS-A		4/25/2011	0.0089			0.001	J		0.026			0.092			<0.0054	J	U	<0.0061	J	U
	SS-B		4/25/2011	0.0048			0.00099	J		0.018			0.028			<0.005	J	U	<0.0057	ND	
	SS-C		4/25/2011	0.0041			0.0031	J		0.01			0.025			0.0042	J		0.0011	J	
	SS-B		4/21/2011	520			<120	ND		2200			30000			<120	ND		<140	ND	
	SS-A		4/27/2012	0.028			0.0017	J		0.05			0.055			0.0037	J		0.001	J	
	SS-B		4/27/2012	0.051			0.01			0.074			0.37			0.02			0.0015	J	
	SS-C		4/27/2012	5.3			<1.3	ND		10			250			<1.3	ND		<1.5	ND	
	SS-A		4/13/2011	0.0008	J		<0.0052	ND		0.0026	J		0.0037	J		<0.0052	J	U	<0.0059	ND	
	SS-B		4/13/2011	0.0062			0.0012	J		0.01			0.0093	J		<0.006	J	U	<0.0068	J	U
	SS-A		5/9/2011	0.013			0.0064			0.062			0.28			0.024			0.0034	J	
	SS-B		5/9/2011	0.004	J		0.0094			0.015			0.029			0.015			0.0021	J	
	SS-C		5/9/2011	<0.0048	ND		<0.006	ND		0.0032	J		0.012	J		<0.006	J	U	<0.0068	ND	
	SS-A		4/18/2011	0.2			0.18			<0.016	ND		5.4			0.89			0.0038	J	
	SS-A-R		8/30/2011	0.0029	J		0.0023	J		<0.0047	ND		0.04			0.0044	J		<0.0066	ND	
	SS-B		4/18/2011	0.025			0.021			0.04			0.16			0.016			0.0033	J	
	SS-B-R		8/30/2011	0.007			0.0045	J		0.0018	J		0.0098	J		0.02			<0.0068	ND	
	SS-A		5/11/2011	0.0025	J		0.0014	J		0.0034	J		<0.015	ND	UJ	0.0036	J		<0.0063	ND	
	SS-B		5/11/2011	0.0069			0.0022	J		0.019			0.12		J	0.0033	J		0.0026	J	
	SS-C		5/11/2011	0.0044			0.0018	J		0.0067			0.11		J	<0.0052	J	U	<0.0058	ND	
	SS-C-DUP		5/11/2011	0.0038	J		0.0042	J		0.0055			0.11		J	0.0079			<0.0066	J	U

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TABLE 3-7
SUMMARY OF SUB-SLAB SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	Cyclohexane (mg/m3)			Ethylbenzene (mg/m3)			Hexane (mg/m3)			Isopentane (mg/m3)			m,p-Xylenes (mg/m3)			n-Propylbenzene (mg/m3)		
							1.3									130					
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	SS-A	[redacted]	5/17/2012	0.018			0.0062			0.024			0.041			0.01			<0.0047	J	U
	SS-B		5/17/2012	0.01			0.003	J		0.013			0.034			0.0084			<0.0046	ND	
	SS-C		5/17/2012	0.0099			0.0036	J		0.016			0.032			0.0078			<0.0047	ND	

TABLE 3-7
SUMMARY OF SUB-SLAB SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	o-Xylenes (mg/m3)			Toluene (mg/m3)			TPH (MW=100) (mg/m3)			Carbon Dioxide (%)			Carbon Monoxide (%)			Ethane (%)		
				120			6200														
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	SS-A	[redacted]	9/20/2011	0.002	J		0.012			2.5			5.7			<0.028	ND		<0.0028	ND	
	SS-B		9/20/2011	0.0036	J		0.016			2.8			1.8			<0.051	ND		<0.0051	ND	
	SS-C		9/20/2011	0.0022	J		0.019			2.4			2.8			<0.026	ND		<0.0026	ND	
	SS-A		9/21/2011	0.0011	J		0.008			2			4.6			<0.023	ND		<0.0023	ND	
	SS-B		9/21/2011	0.002	J		0.032			2.5			5.4			<0.026	ND		<0.0026	ND	
	SS-C		9/21/2011	0.002	J		0.011			2.6			0.26			<0.025	ND		<0.0025	ND	
	SS-A		10/19/2011	0.0017	J		0.023			2.1			2.8			<0.018	ND		<0.0018	ND	
	SS-B		10/19/2011	0.0023	J		0.027			2			3.3			<0.018	ND		<0.0018	ND	
	SS-C		10/19/2011	0.0018	J		0.019			2.4			2.4			<0.017	ND		<0.0017	ND	
	SS-A		8/18/2011	<0.0057	ND		0.008			0.82			2.3			<0.026	ND		<0.0026	ND	
	SS-B		8/18/2011	0.00098	J		0.0087			1.3			0.4			<0.025	ND		<0.0025	ND	
	SS-A		6/20/2012	<0.0064	J	U	0.031			3.7			0.8			<0.018	ND		<0.0018	ND	
	SS-B		6/20/2012	<0.0053	J	U	0.036			3.8			0.9			<0.018	ND		<0.0018	ND	
	SS-C		6/20/2012	<0.0074	J	U	0.039			5.4			0.031			<0.018	ND		<0.0018	ND	
	SS-A		10/31/2011	0.0029	J		0.011			1.3			2.9			<0.018	ND		<0.0018	ND	
	SS-B		10/31/2011	0.0023	J		0.013			2			1.9			<0.018	ND		<0.0018	ND	
	SS-A		7/14/2011	0.011			0.015			0.82			0.99			<0.033	ND		<0.0033	ND	
	SS-B		7/14/2011	0.015			0.034			1			3.4			<0.032	ND		<0.0032	ND	
	SS-C		7/14/2011	0.0096			0.0046	J		0.7			4.1			<0.028	ND		<0.0028	ND	
	SS-R-A		9/28/2011	0.0011	J		0.018			<0.31	ND		2.7			<0.03	ND		<0.003	ND	
	SS-R-B		9/28/2011	0.0079			0.038			1.1			3.2			<0.028	ND		<0.0028	ND	
	SS-R-C		9/28/2011	<0.0091	ND	UJ	0.019		J	<0.43	ND	UJ	1.4		J	<0.042	ND	UJ	<0.0042	ND	UJ
	SS-A		11/2/2011	0.0013	J		0.012			2			4.2			<0.018	ND		<0.0018	ND	
	SS-B		11/2/2011	0.0014	J		0.012			2			4.1			<0.018	ND		<0.0018	ND	
	SS-C		11/2/2011	0.0017	J		0.012			1.5			2.5			<0.018	ND		<0.0018	ND	
	SS-A		9/15/2011	<0.0058	ND		0.011			2.1			1.8			<0.027	ND		<0.0027	ND	
	SS-B		9/15/2011	<0.0056	ND		0.011			2.3			1.2			<0.026	ND		<0.0026	ND	
	SS-C		9/15/2011	<0.006	ND		0.011			2.4			2.1			<0.028	ND		<0.0028	ND	
	SS-A		10/13/2011	0.00062	J		0.0093			0.94			1.6			<0.019	ND		<0.0019	ND	
	SS-B		10/13/2011	0.001	J		0.013			2.2			0.027			<0.019	ND		<0.0019	ND	
	SS-C		10/13/2011	0.0008	J		0.015			1.9			0.97			<0.019	ND		<0.0019	ND	
	SS-A		7/11/2011	0.0025	J		0.002	J		1			4.1			<0.025	ND		<0.0025	ND	
	SS-B		7/11/2011	0.01			0.023			1.6			3			<0.021	ND		<0.0021	ND	
	SS-A		10/25/2011	0.0047			0.044			2.6			1.8			<0.018	ND		<0.0018	ND	
	SS-B		10/25/2011	0.0064			0.05			3.1			2.7			<0.018	ND		<0.0018	ND	
	SS-C		10/25/2011	0.004	J		0.041			2.6			2.1			<0.019	ND		<0.0019	ND	
	SS-A		5/3/2012	0.0028	J		0.019			5			4.9			<0.026	ND		<0.0026	ND	
	SS-B		5/3/2012	0.004			0.025			6.3			3.3			<0.024	ND		<0.0024	ND	
	SS-C		5/3/2012	0.0031	J		0.017			5.1			3.9			<0.022	ND		<0.0022	ND	
	SS-A		10/26/2011	0.0043			0.043			3.4			2.3			<0.024	ND		<0.0024	ND	
	SS-B		10/26/2011	0.004			0.037			3.4			1.5			<0.024	ND		<0.0024	ND	
	SS-C		10/26/2011	0.0052			0.042			1.6			1.8			<0.023	ND		<0.0023	ND	
	SS-A		7/21/2011	0.0053	J		0.017			0.9			2.2			<0.029	ND		<0.0029	ND	
	SS-B		7/21/2011	0.0087			0.01			0.82			2.4			<0.049	ND		<0.0049	ND	
	SS-A		9/27/2011	0.0023	J		0.015			2.1			0.39			<0.03	ND		<0.003	ND	
	SS-B		9/27/2011	<0.0064	ND		0.017			2.6			0.17			<0.03	ND		<0.003	ND	
	SS-C		9/27/2011	0.0073			0.017			2.7			1.6			<0.027	ND		<0.0027	ND	
	SS-A		11/7/2011	0.0027	J		0.017			1.9			4.1			<0.018	ND		<0.0018	ND	
	SS-B		11/7/2011	0.0019	J		0.021			1.5			2.1			<0.018	ND		<0.0018	ND	
	SS-C		11/7/2011	0.0017	J		0.017			1.9			1.2			<0.018	ND		<0.0018	ND	
	SS-A		6/29/2011	0.0078		J	0.015		J	0.86		J	0.14		J	<0.027	ND	UJ	<0.0027	ND	UJ
	SS-B		6/29/2011	0.0051	J		0.01			0.37			4.6			<0.027	ND		<0.0027	ND	
	SS-C		6/29/2011	0.0054	J		0.041			0.49			0.075			<0.027	ND		<0.0027	ND	

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TABLE 3-7
SUMMARY OF SUB-SLAB SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	o-Xylenes (mg/m3)			Toluene (mg/m3)			TPH (MW=100) (mg/m3)			Carbon Dioxide (%)			Carbon Monoxide (%)			Ethane (%)		
				120			6200														
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	SS-A	[redacted]	5/23/2011	0.0014	J		0.0035	J		0.41			0.011	J		<0.028	ND		<0.0028	ND	
	SS-B		5/23/2011	<0.006	ND		<0.0052	J	U	<0.28	ND		0.068			<0.028	ND		<0.0028	ND	
	SS-C		5/23/2011	<0.0058	ND		0.0026	J		<0.28	ND		0.045			<0.027	ND		<0.0027	ND	
	SS-A		8/10/2011	<0.0057	J	U	0.02			2.2			1.6			<0.053	ND		<0.0053	ND	
	SS-B		8/10/2011	<0.0058	J	U	0.019			4.4			1.1			<0.027	ND		<0.0027	ND	
	SS-A		4/28/2011	0.0035	J		0.017			1.2			0.017	J		<0.025	ND		<0.0025	ND	
	SS-B		4/28/2011	0.0032	J		0.016			1.1		J	0.6			<0.025	ND		<0.0025	ND	
	SS-B-DUP		4/28/2011	0.0032	J		0.017			0.66		J	0.61			<0.05	ND		<0.005	ND	
	SS-A		1/24/2012	0.0026	J		0.018			1.6			0.34			<0.019	ND		<0.0019	ND	
	SS-B-R		1/24/2012	0.012			0.024			9.8			1.2			<0.019	ND		<0.0019	ND	
	SS-C		1/24/2012	0.0064			0.02			1.4			0.86			<0.019	ND		<0.0019	ND	
	SS-A		8/17/2011	<0.006	ND		0.011			1.1			3.8			<0.028	ND		<0.0028	ND	
	SS-A-DUP		8/17/2011	0.00089	J		0.011			1.1			3.2			<0.025	ND		<0.0025	ND	
	SS-B		8/17/2011	0.00087	J		0.01			1.2			2			<0.026	ND		<0.0026	ND	
	SS-C		8/17/2011	<0.0063	ND		0.0096			1.3			1.8			<0.029	ND		<0.0029	ND	
	SS-A		7/26/2011	<0.0061	ND		0.018			3.2			0.035	J		<0.05	ND		<0.005	ND	
	SS-B		7/26/2011	<0.0056	ND		0.018			2.8			0.053			<0.026	ND		<0.0026	ND	
	SS-C		7/26/2011	<0.006	ND		0.017			2.7			1.2			<0.028	ND		<0.0028	ND	
	SS-A		1/10/2012	0.0015	J		0.017			1.9			0.14			<0.018	ND		<0.0018	ND	
	SS-B		1/10/2012	<0.004	ND		0.016			1.7			1.4			<0.018	ND		<0.0018	ND	
	SS-C		1/10/2012	0.0022	J		0.023			2.7			3.4			<0.018	ND		<0.0018	ND	
	SS-A		6/23/2011	0.0023	J		0.017			0.86			3.8			<0.023	ND		<0.0023	ND	
	SS-C		6/23/2011	0.002	J		0.0079			0.82			6.3			<0.027	ND		<0.0027	ND	
	SS-A		5/19/2011	<0.0056	ND		0.0049			2			0.14			<0.026	ND		<0.0026	ND	
	SS-A-DUP		5/19/2011	<0.0058	ND		0.0029	J		1.7			0.16			<0.027	ND		<0.0027	ND	
	SS-C		5/19/2011	<0.0057	ND		0.0044	J		0.41			0.66			<0.026	ND		<0.0026	ND	
	SS-A		5/2/2011	<0.0057	ND		<0.005	J	U	<0.27	ND		2.2			<0.026	ND		<0.0026	ND	
	SS-B		5/2/2011	<0.0059	ND		<0.0051	J	U	<0.28	ND		3.9			<0.027	ND		<0.0027	ND	
	SS-C		5/2/2011	<0.0052	ND		<0.0045	J	U	<0.24	ND		3.2			<0.024	ND		<0.0024	ND	
	SS-A		6/22/2011	0.0051	J		0.009			1.5			5.9			<0.026	ND		<0.0026	ND	
	SS-B		6/22/2011	0.0019	J	J	0.0034	J	J	1.3		J	3.1		J	<0.021	ND	UJ	<0.0021	ND	UJ
	SS-C		6/22/2011	0.004	J	J	0.004	J	J	0.9		J	4.6		J	<0.03	ND	UJ	<0.003	ND	UJ
	SS-A		8/22/2011	0.0019	J		0.016			5.3			6.1			<0.026	ND		<0.0026	ND	
	SS-B		8/22/2011	<0.006	ND		0.0044	J		<0.28	ND		5.3			<0.028	ND		<0.0028	ND	
	SS-C		8/22/2011	0.0017	J		0.015			3.2			5.1			<0.026	ND		<0.0026	ND	
	SS-A		10/24/2013	0.004	J		0.0088			5.6			0.91			<0.026	ND		<0.0026	ND	
	SS-B		10/24/2013	0.003	J		0.01			5			0.72			<0.025	ND		<0.0025	ND	
	SS-C		10/24/2013	0.017			0.026			5.7			0.82			<0.026	ND		<0.0026	ND	
	SS-A		5/3/2011	<0.0058	ND		<0.005	J	U	0.43			1.5			<0.027	ND		<0.0027	ND	
	SS-A-DUP		5/3/2011	<0.0059	ND		<0.0051	J	U	0.41			1.5			<0.027	ND		<0.0027	ND	
	SS-B		5/3/2011	0.0059			0.022			2.1			0.46			<0.025	ND		<0.0025	ND	
	SS-A		7/19/2011	0.0022	J		0.0042	J		0.57			1.9			<0.033	ND		<0.0033	ND	
	SS-B		7/19/2011	0.0011	J		0.0016	J		<0.3	ND	UJ	2.3			<0.029	ND		<0.0029	ND	
	SS-B-DUP		7/19/2011	0.00097	J		0.0014	J		1.1		J	2.3			<0.033	ND		<0.0033	ND	
	SS-C		7/19/2011	<0.0063	ND		<0.0054	ND		<0.3	ND		4.6			<0.029	ND		<0.0029	ND	
	SS-A		5/18/2011	0.0041	J	J	0.0049	J	J	1.6		J	0.85		J	<0.029	ND	UJ	<0.0029	ND	UJ
	SS-B		5/18/2011	<0.0056	ND		0.0041	J		3.8			1.3			<0.026	ND		<0.0026	ND	
	SS-B-DUP		5/18/2011	<0.0058	ND	UJ	<0.0051	J	U	3.5		J	1.5			<0.068	ND		<0.0068	ND	
	SS-C		5/18/2011	0.0067			0.0088			44			1.4			<0.026	ND		<0.0026	ND	

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TABLE 3-7
SUMMARY OF SUB-SLAB SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	o-Xylenes (mg/m3)			Toluene (mg/m3)			TPH (MW=100) (mg/m3)			Carbon Dioxide (%)			Carbon Monoxide (%)			Ethane (%)		
				120			6200														
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	SS-A	[redacted]	4/30/2011	<0.0054	ND		0.0074			1.4			6.1			<0.025	ND		<0.0025	ND	
			12/7/2013	<0.0055	ND		0.01			1.3			0.012	J		<0.026	ND		<0.0026	ND	
	SS-B		12/7/2013	<0.0054	ND		0.012			2.1			0.0065	J		<0.025	ND		<0.0025	ND	
	SS-C		4/30/2011	<0.0049	J	U	0.0062			0.65			6.3			<0.023	ND		<0.0023	ND	
			12/7/2013	<0.0055	ND		0.011			1.6			2.1			<0.026	ND		<0.0026	ND	
	SS-A		5/5/2011	<0.0056	ND		0.0022	J		3			0.44			<0.026	ND		<0.0026	ND	
	SS-A-DUP		5/5/2011	<0.0056	ND		0.0018	J		2.6			0.46			<0.026	ND		<0.0026	ND	
	SS-B		5/5/2011	<0.0061	ND		0.0029	J		1.2			0.82			<0.028	ND		<0.0028	ND	
	SS-C		5/5/2011	<0.12	ND		0.19			160			2.7			<0.023	ND		<0.0023	ND	
			6/6/2011	<0.0057	ND		0.012			0.27			1.2			<0.026	ND		<0.0026	ND	
	SS-C-R		5/10/2011	<0.6	ND		<0.52	ND		15000			5.2			<0.028	ND		0.00053	J	
	SS-A		11/14/2011	0.0054	J		0.028			4.5			0.05			<0.02	ND		<0.002	ND	
	SS-B		11/14/2011	0.0053	J		0.028			3			2.9			<0.02	ND		<0.002	ND	
	SS-A		6/14/2011	<0.0066	ND		<0.0057	J	U	0.61			2.2			<0.03	ND		<0.003	ND	
	SS-B		6/14/2011	<0.0066	J	U	0.0036	J		0.35			1.3			<0.03	ND		<0.003	ND	
	SS-C		6/14/2011	<0.046	ND		0.0078	J		3.3			2.5			<0.026	ND		<0.0026	ND	
	SS-A		5/12/2011	<0.012	ND		<0.01	ND		510			8.3			<0.027	ND		<0.0027	ND	
	SS-B		5/12/2011	<2.9	ND	UJ	<2.5	ND	UJ	57000		J	6.1		J	<0.026	ND	UJ	0.0038		J
	SS-C		5/12/2011	<0.46	ND		<0.4	ND		7800			5.5			<0.021	ND		0.00059	J	
	SS-A		4/14/2011	<0.0059	ND		0.0036	J		4.5			3.2			<0.027	ND		<0.0027	ND	
	SS-B		4/14/2011	<0.014	ND		0.0082	J		26			1.9			<0.024	ND		<0.0024	ND	
	SS-A		6/28/2011	0.0031	J		0.0034	J		1.1			0.23			<0.025	ND		<0.0025	ND	
	SS-B		6/28/2011	0.0047	J		0.0029	J		0.57			3.8			<0.025	ND		<0.0025	ND	
	SS-A		3/20/2012	0.041			0.074			6.5			0.021			<0.021	ND		<0.0021	ND	
	SS-B		3/20/2012	0.0012	J		0.023			6.1			0.022			<0.018	ND		<0.0018	ND	
	SS-A		5/26/2011	<0.0056	ND		0.0016	J		<0.26	ND		1.3			<0.026	ND		<0.0026	ND	
	SS-B		5/26/2011	<0.0052	ND		0.0035	J		<0.24	ND		0.32			<0.024	ND		<0.0024	ND	
	SS-A		4/21/2011	0.0018	J		0.012			13			1.4			<0.024	ND		<0.0024	ND	
	SS-B		4/21/2011	<0.0057	ND		<0.005	J	U	1.2			1.6			<0.026	ND		<0.0026	ND	
	SS-C		4/21/2011	<0.023	ND		<0.02	ND		49			3.5			<0.027	ND		<0.0027	ND	
	SS-A		11/15/2011	0.0028	J		0.023			2.7			2.6			<0.018	ND		<0.0018	ND	
	SS-B		11/15/2011	0.014			0.16			4.2			2.2			<0.018	ND		<0.0018	ND	
	SS-A		4/25/2011	<0.0054	ND		0.003	J		5.8			7.6			<0.025	ND		<0.0025	ND	
	SS-B		4/25/2011	<0.005	ND		<0.0044	J	U	7.2			6.3			<0.023	ND		<0.0023	ND	
	SS-C		4/25/2011	0.0015	J		0.008			3.3			6.7			<0.025	ND		<0.0025	ND	
	SS-B		4/21/2011	<120	ND		<110	ND		240000			4			<0.029	ND		0.012		
	SS-A		4/27/2012	0.0013	J		0.014			6.1			0.87			<0.018	ND		<0.0018	ND	
	SS-B		4/27/2012	0.0063			0.021			14			4.4			<0.018	ND		<0.0018	ND	
	SS-C		4/27/2012	<1.3	ND		0.93	J		2600			5.4			<0.018	ND		0.000053	J	
	SS-A		4/13/2011	0.00091	J		0.0031	J		<0.25	ND		0.62			<0.024	ND		<0.0024	ND	
	SS-B		4/13/2011	<0.006	ND		0.0035	J		1.2			0.011	J		<0.028	ND		<0.0028	ND	
	SS-A		5/9/2011	0.012			0.0068			4.2			1.2			<0.031	ND		<0.0031	ND	
	SS-B		5/9/2011	0.0072			0.026			1.3			2.9			<0.029	ND		<0.0029	ND	
	SS-C		5/9/2011	<0.006	ND		0.0031	J		0.34			1.4			<0.028	ND		<0.0028	ND	
	SS-A		4/18/2011	0.21			0.074			34			0.59			<0.024	ND		<0.0024	ND	
	SS-A-R		8/30/2011	0.0013	J		0.0086			1.9			2.2			<0.027	ND		<0.0027	ND	
	SS-B		4/18/2011	0.0086			0.018			3.5			0.055			<0.023	ND		<0.0023	ND	
	SS-B-R		8/30/2011	0.012			0.012			2.7			4.1			<0.028	ND		<0.0028	ND	
	SS-A		5/11/2011	<0.0056	ND		0.0056			<0.26	ND		3.8			<0.052	ND		<0.0052	ND	
	SS-B		5/11/2011	<0.0056	ND		0.0049			1.5			3.6			<0.026	ND		<0.0026	ND	
	SS-C		5/11/2011	<0.0052	ND		0.0055			0.8		J	5.8			<0.024	ND		<0.0024	ND	
	SS-C-DUP		5/11/2011	0.003	J		0.008			1.7		J	5.7			<0.027	ND		<0.0027	ND	

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TABLE 3-7
SUMMARY OF SUB-SLAB SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	o-Xylenes (mg/m3)			Toluene (mg/m3)			TPH (MW=100) (mg/m3)			Carbon Dioxide (%)			Carbon Monoxide (%)			Ethane (%)		
				120			6200														
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	SS-A	[redacted]	5/17/2012	0.0034	J		0.048			5.7			0.039			<0.026	ND		<0.0026	ND	
	SS-B		5/17/2012	0.0025	J		0.044			5.3			1.3			<0.025	ND		<0.0025	ND	
	SS-C		5/17/2012	0.0026	J		0.042			4.5			2.2			<0.026	ND		<0.0026	ND	

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TABLE 3-7
SUMMARY OF SUB-SLAB SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	Ethene (%)			Helium (%)			Methane (%)			Nitrogen (%)			Oxygen (%)		
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	SS-A	[redacted]	9/20/2011	<0.0028	ND		0.039			<0.00028	ND		80			14		
	SS-B		9/20/2011	<0.0051	ND		0.18			<0.00051	ND		82			16		
	SS-C		9/20/2011	<0.0026	ND		1.3			<0.00026	ND		81			15		
	SS-A		9/21/2011	<0.0023	ND		0.065	J		<0.00023	ND		83			12		
	SS-B		9/21/2011	<0.0026	ND		0.036	J		0.000051	J		80			14		
	SS-C		9/21/2011	<0.0025	ND		1.4			0.000095	J		84			14		
	SS-A		10/19/2011	<0.0018	ND		0.33			0.000027	J		79			18		
	SS-B		10/19/2011	<0.0018	ND		0.2			0.000028	J		78			18		
	SS-C		10/19/2011	<0.0017	ND		2.9			0.000036	J		77			18		
	SS-A		8/18/2011	<0.0026	ND		0.14			0.000048	J		80			18		
	SS-B		8/18/2011	<0.0025	ND		2.3			0.0043			76			21		
	SS-A		6/20/2012	<0.0018	ND		0.03	J		0.000038	J		80			19		
	SS-B		6/20/2012	<0.0018	ND		0.31			0.00014	J		78			21		
	SS-C		6/20/2012	<0.0018	ND		0.33			0.000077	J		80			20		
	SS-A		10/31/2011	<0.0018	ND		1.6			0.000085	J		78			17		
	SS-B		10/31/2011	<0.0018	ND		1.6			0.000028	J		78			18		
	SS-A		7/14/2011	<0.0033	ND		0.36			0.000091	J		80			19		
	SS-B		7/14/2011	<0.0032	ND		0.33			0.00015	J		79			17		
	SS-C		7/14/2011	<0.0028	ND		0.12			0.00005	J		80			16		
	SS-R-A		9/28/2011	<0.003	ND		5.8			<0.0003	ND		76			16		
	SS-R-B		9/28/2011	<0.0028	ND		4			0.000054	J		77			16		
	SS-R-C		9/28/2011	<0.0042	ND	UJ	6.3		J	0.000097	J	J	74		J	18		J
	SS-A		11/2/2011	<0.0018	ND		0.13			0.00004	J		80			16		
	SS-B		11/2/2011	<0.0018	ND		0.11			0.000054	J		79			17		
	SS-C		11/2/2011	<0.0018	ND		0.15			0.000063	J		80			17		
	SS-A		9/15/2011	<0.0027	ND		0.76			<0.00027	ND		79			18		
	SS-B		9/15/2011	<0.0026	ND		2.4			<0.00026	ND		77			19		
	SS-C		9/15/2011	<0.0028	ND		0.13	J		<0.00028	ND		80			18		
	SS-A		10/13/2011	<0.0019	ND		1.4			0.0002			79			18		
	SS-B		10/13/2011	<0.0019	ND		0.13			0.0003			80			20		
	SS-C		10/13/2011	<0.0019	ND		0.4			0.00017	J		80			19		
	SS-A		7/11/2011	<0.0025	ND		1.4			0.000098	J		80			14		
	SS-B		7/11/2011	<0.0021	ND		0.38			0.00012	J		83			14		
	SS-A		10/25/2011	<0.0018	ND		0.15			0.000034	J		80			18		
	SS-B		10/25/2011	<0.0018	ND		0.33			0.000064	J		79			18		
	SS-C		10/25/2011	<0.0019	ND		0.22			0.000032	J		80			18		
	SS-A		5/3/2012	<0.0026	ND		0.026	J		0.00043			84			11		
	SS-B		5/3/2012	<0.0024	ND		0.019	J		0.00018	J		79			18		
	SS-C		5/3/2012	<0.0022	ND		0.036	J		0.00012	J		81			15		
	SS-A		10/26/2011	<0.0024	ND		0.16			0.000037	J		78			20		
	SS-B		10/26/2011	<0.0024	ND		0.46			0.000056	J		78			20		
	SS-C		10/26/2011	<0.0023	ND		0.14			0.000076	J		79			19		
	SS-A		7/21/2011	<0.0029	ND		2.4			0.00019	J		82			13		
	SS-B		7/21/2011	<0.0049	ND		2.9			0.0002	J		78			17		
	SS-A		9/27/2011	<0.003	ND		0.29			0.00009	J		82			17		
	SS-B		9/27/2011	<0.003	ND		0.12	J		0.00009	J		83			17		
	SS-C		9/27/2011	<0.0027	ND		0.79			0.000058	J		81			17		
	SS-A		11/7/2011	<0.0018	ND		0.17			0.000023	J		81			15		
	SS-B		11/7/2011	<0.0018	ND		0.058	J		0.000024	J		82			16		
	SS-C		11/7/2011	<0.0018	ND		0.11			0.000035	J		84			15		
	SS-A		6/29/2011	<0.0027	ND	UJ	7.4		J	0.0002	J	J	75		J	17		J
	SS-B		6/29/2011	<0.0027	ND		12			0.00023	J		71			12		
	SS-C		6/29/2011	<0.0027	ND		16			0.00022	J		68			16		

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TABLE 3-7
SUMMARY OF SUB-SLAB SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	Ethene (%)			Helium (%)			Methane (%)			Nitrogen (%)			Oxygen (%)		
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	SS-A	[redacted]	5/23/2011	<0.0028	ND		0.61			0.0005			78			21		
	SS-B		5/23/2011	<0.0028	ND		1			0.00053			78			21		
	SS-C		5/23/2011	<0.0027	ND		1.2			0.00049			78			21		
	SS-A		8/10/2011	<0.0053	ND		0.056	J		0.00025	J		79			19		
	SS-B		8/10/2011	<0.0027	ND		0.087	J		<0.00027	ND		80			19		
	SS-A		4/28/2011	<0.0025	ND		4.2			0.00021	J		75			21		
	SS-B		4/28/2011	<0.0025	ND		1.6			0.00012	J		78			20		
	SS-B-DUP		4/28/2011	<0.005	ND		1.7			0.00013	J		78			20		
	SS-A		1/24/2012	<0.0019	ND		1.2			0.000028	J		77			21		
	SS-B-R		1/24/2012	<0.0019	ND		0.26			0.000074	J		78			20		
	SS-C		1/24/2012	<0.0019	ND		1			0.000034	J		78			20		
	SS-A		8/17/2011	<0.0028	ND		0.054	J	J	<0.00028	ND		79			17		
	SS-A-DUP		8/17/2011	<0.0025	ND		0.34		J	0.000079	J		78			18		
	SS-B		8/17/2011	<0.0026	ND		0.071	J		<0.00026	ND		80			18		
	SS-C		8/17/2011	<0.0029	ND		0.1	J		<0.00029	ND		83			15		
	SS-A		7/26/2011	<0.005	ND		5.4			0.00022	J		78			17		
	SS-B		7/26/2011	<0.0026	ND		2.6			0.00016	J		80			17		
	SS-C		7/26/2011	<0.0028	ND		0.11	J		0.00035			82			17		
	SS-A		1/10/2012	<0.0018	ND		0.038			0.000046	J		80			20		
	SS-B		1/10/2012	<0.0018	ND		0.19			0.000032	J		79			19		
	SS-C		1/10/2012	<0.0018	ND		0.055			0.000027	J		84			13		
	SS-A		6/23/2011	<0.0023	ND		3.5			0.000092	J		77			16		
	SS-C		6/23/2011	<0.0027	ND		3			0.000094	J		78			13		
	SS-A		5/19/2011	<0.0026	ND		0.64			0.000054	J		78			21		
	SS-A-DUP		5/19/2011	<0.0027	ND		0.76			<0.00027	ND		79			20		
	SS-C		5/19/2011	<0.0026	ND		2			<0.00026	ND		77			20		
	SS-A		5/2/2011	<0.0026	ND		1.1			0.0002	J		79			18		
	SS-B		5/2/2011	<0.0027	ND		2			0.00012	J		78			16		
	SS-C		5/2/2011	<0.0024	ND		0.67			0.00019	J		78			18		
	SS-A		6/22/2011	<0.0026	ND		1.6			0.000065	J		82			11		
	SS-B		6/22/2011	<0.0021	ND	UJ	6.8		J	0.00012	J	J	77		J	13		J
	SS-C		6/22/2011	<0.003	ND	UJ	9.4		J	0.00017	J	J	74		J	12		J
	SS-A		8/22/2011	<0.0026	ND		0.031	J		0.00023	J		84			9.8		
	SS-B		8/22/2011	<0.0028	ND		0.055	J		<0.00028	ND		80			15		
	SS-C		8/22/2011	<0.0026	ND		0.051	J		<0.00026	ND		81			14		
	SS-A		10/24/2013	<0.0026	ND		4.3			0.000069	J		76			19		
	SS-B		10/24/2013	<0.0025	ND		2.8			<0.00025	ND		76			20		
	SS-C		10/24/2013	<0.0026	ND		4.4			<0.00026	ND		76			19		
	SS-A		5/3/2011	<0.0027	ND		2			0.00024	J		79			17		
	SS-A-DUP		5/3/2011	<0.0027	ND		1.9			0.00023	J		78			18		
	SS-B		5/3/2011	<0.0025	ND		0.29			0.00092			78			21		
	SS-A		7/19/2011	<0.0033	ND		0.52			0.00016	J		80			17		
	SS-B		7/19/2011	<0.0029	ND		0.14	J		<0.00029	ND		81			17		
	SS-B-DUP		7/19/2011	<0.0033	ND		0.11	J		<0.00033	ND		81			17		
	SS-C		7/19/2011	<0.0029	ND		0.66			<0.00029	ND		82			13		
	SS-A		5/18/2011	<0.0029	ND	UJ	6.5		J	0.00046		J	75		J	18		J
	SS-B		5/18/2011	<0.0026	ND		0.11	J		0.00016	J		80			19		
	SS-B-DUP		5/18/2011	<0.0068	ND		0.13	J		0.00012	J		80			18		
	SS-C		5/18/2011	<0.0026	ND		4.5			0.0015			77			17		

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TABLE 3-7
SUMMARY OF SUB-SLAB SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	Ethene (%)			Helium (%)			Methane (%)			Nitrogen (%)			Oxygen (%)		
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	SS-A	[redacted]	4/30/2011	<0.0025	ND		1.4			0.000098	J		80			12		
			12/7/2013	<0.0026	ND		0.49			<0.00026	ND		80			20		
	SS-B		12/7/2013	<0.0025	ND		1.2			0.00015	J		78			21		
	SS-C		4/30/2011	<0.0023	ND		0.97			0.000072	J		81			12		
			12/7/2013	<0.0026	ND		0.025	J		<0.00026	ND		79			19		
	SS-A		5/5/2011	<0.0026	ND		1.7			0.00019	J		79			19		
	SS-A-DUP		5/5/2011	<0.0026	ND		1.8			0.00018	J		79			19		
	SS-B		5/5/2011	<0.0028	ND		0.65			<0.00028	ND		78			20		
	SS-C		5/5/2011	<0.0023	ND		2			0.017			81			14		
			6/6/2011	<0.0026	ND		0.34			<0.00026	ND		81			17		
	SS-C-R		5/10/2011	<0.0028	ND		1			1.5			90			1.8		
	SS-A		11/14/2011	<0.002	ND		0.06	J		0.00017	J		79			21		
	SS-B		11/14/2011	<0.002	ND		0.78			0.000059	J		80			16		
	SS-A		6/14/2011	<0.003	ND		0.14	J		0.00022	J		84			14		
	SS-B		6/14/2011	<0.003	ND		0.71			0.00019	J		81			17		
	SS-C		6/14/2011	<0.0026	ND		0.2			0.00029			81			16		
	SS-A		5/12/2011	<0.0027	ND		0.88			0.0036			85			6.2		
	SS-B		5/12/2011	<0.0026	ND	UJ	5.5		J	9.9		J	74		J	2.5		J
	SS-C		5/12/2011	<0.0021	ND		2.8			1.7			86			4		
	SS-A		4/14/2011	<0.0027	ND		0.5			0.000068	J		81			15		
	SS-B		4/14/2011	<0.0024	ND		0.54			0.000091	J		80			17		
	SS-A		6/28/2011	<0.0025	ND		0.37			0.000089	J		83			16		
	SS-B		6/28/2011	<0.0025	ND		0.76			<0.00025	ND		81			14		
	SS-A		3/20/2012	<0.0021	ND		0.072	J		0.00003	J		80			20		
	SS-B		3/20/2012	<0.0018	ND		0.13			0.000032	J		80			20		
	SS-A		5/26/2011	<0.0026	ND		0.41			<0.00026	ND		80			18		
	SS-B		5/26/2011	<0.0024	ND		0.82			<0.00024	ND		83			16		
	SS-A		4/21/2011	<0.0024	ND		0.79			0.00034			79			19		
	SS-B		4/21/2011	<0.0026	ND		3.7			<0.00026	ND		76			19		
	SS-C		4/21/2011	<0.0027	ND		1.3			0.0098			77			18		
	SS-A		11/15/2011	<0.0018	ND		1.5			0.000097	J		79			17		
	SS-B		11/15/2011	<0.0018	ND		1.1			0.000082	J		79			18		
	SS-A		4/25/2011	<0.0025	ND		0.76			<0.00025	ND		82			10		
	SS-B		4/25/2011	<0.0023	ND		0.75			0.000054	J		81			12		
	SS-C		4/25/2011	<0.0025	ND		0.99			0.000068	J		81			11		
	SS-B		4/21/2011	<0.0029	ND		<0.14	ND		28			64			3.8		
	SS-A		4/27/2012	<0.0018	ND		0.038	J		0.000074	J		79			20		
	SS-B		4/27/2012	<0.0018	ND		0.015	J		0.00043			81			14		
	SS-C		4/27/2012	<0.0018	ND		0.028	J		0.096			82			8.6		
	SS-A		4/13/2011	<0.0024	ND		0.74			0.000066	J		79			20		
	SS-B		4/13/2011	<0.0028	ND		1.8			0.000071	J		77			21		
	SS-A		5/9/2011	<0.0031	ND		0.13			0.00012	J		81			18		
	SS-B		5/9/2011	<0.0029	ND		0.25			0.000078	J		80			17		
	SS-C		5/9/2011	<0.0028	ND		0.093			0.00013	J		80			19		
	SS-A		4/18/2011	<0.0024	ND		2.3			0.00031			77			20		
	SS-A-R		8/30/2011	<0.0027	ND		3.2			0.000054	J		78			17		
	SS-B		4/18/2011	<0.0023	ND		0.38			<0.00023	ND		80			19		
	SS-B-R		8/30/2011	<0.0028	ND		0.13	J		0.00007	J		81			15		
	SS-A		5/11/2011	<0.0052	ND		0.5			0.000089	J		80			16		
	SS-B		5/11/2011	<0.0026	ND		0.54			<0.00026	ND		82			14		
	SS-C		5/11/2011	<0.0024	ND		0.4			<0.00024	ND		81			13		
	SS-C-DUP		5/11/2011	<0.0027	ND		0.35			<0.00027	ND		81			13		

SEE LAST PAGE OF TABLE FOR NOTES

TABLE 3-7
SUMMARY OF SUB-SLAB SAMPLING RESULTS

Locations	Depth	Sample ID	Sample Date	Ethene (%)			Helium (%)			Methane (%)			Nitrogen (%)			Oxygen (%)		
				Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
[redacted]	SS-A	[redacted]	5/17/2012	<0.0026	ND		2.1			0.00004	J		81			17		
	SS-B		5/17/2012	<0.0025	ND		1.4			0.000057	J		82			15		
	SS-C		5/17/2012	<0.0026	ND		1.7			0.00005	J		81			15		

Notes:
Yellow highlighted cells indicate readings that exceed residential screening criterion.

AECOM Qualifiers
J = Estimated detection
UJ = Estimated non-detect
U = Non-detect due to blank contamination
ND, UJ = Non-detected compound associated with low bias in the continuing calibration verification

Lab Qualifiers
J = Estimated value; results between the MDL and RL
U = Compound analyzed for but not detected above the RL

Appendix 2-A. Boring Logs

LOG OF BORING
B-1

Start Date: 5/14/08 Completion Date: 5/21/08
Coordinates: Northing:792528.13 Easting:2321982.84
Boring Location: Village of Roxana
Ground Elevation: 443.24

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
			0.0			FILL	Gravel base coarse, gravel asphalt, and gravel FILL (FILL)	Boring advanced to a depth of 8' via hand auger, then continued with geoprobe
			0.0			CL	Soft to medium stiff, moist, brown and gray, medium plastic CLAY (CL), trace gravel	Slight tar odor
5			0.0				Becomes reddish brown	(05/14/08) Sample B-1-03 collected for VOCs
			0.0			CL	Soft, moist, brown, low plastic silty CLAY (CL)	
			2.1			SC	Medium dense, moist to wet, brown, fine grained clayey SAND (SC)	Air knife completed deeper than hand auger. Soil contact not observed.
10	48	32					Dark and light brown banding	
			3.7					
	48	20	3.0			SP	Loose, dry, tan, fine grained SAND (SP)	
15								
	48	32	0.9					
			1.4					
20							Becomes medium dense, fine to medium grained	
	48	32	2.1					
			1.8					

Completion Depth: 60.00 ft bgs
Project No.: 21561979
Project Name: Route 111 and Rand Avenue Vicinity
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hand Auger / Dual-Tube Geoprobe Rig Type: 6610DT
Drilled by: J. Cox
Logged by: W. Pennington / M. Miller

Water Depth: 49 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
☒ Geoprobe Dual-Tube Sampler

URS

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
B-1

Start Date: 5/14/08 Completion Date: 5/21/08
Coordinates: Northing:792528.13 Easting:2321982.84
Boring Location: Village of Roxana
Ground Elevation: 443.24

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	32	0.2				SAME: Medium dense, dry, tan, fine to medium grained SAND (SP)	
			4.1					1445 (05/20/08) Samples B-1-27, B-1-27-MS, and B-1-27-MSD collected for VOCs.
	48	32	1.8					
30			1.1					
	48	32	1.7					
35			2.0					
	48	32	1.8			SP	With interbedded clay seams	Black staining (8 inches)
			1.4				Clay grades out	Slight black staining
40	48	32	1.8				Becomes medium grained	
			0.4				Becomes dense, fine grained, trace silt	
45	48	30	0.3				Becomes medium grained	
			1.3					
	48	30	0.4				Becomes wet ▽	

Completion Depth: 60.00 ft bgs
Project No.: 21561979
Project Name: Route 111 and Rand Avenue Vicinity
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hand Auger / Dual-Tube Geoprobe Rig Type: 6610DT
Drilled by: J. Cox
Logged by: W. Pennington / M. Miller

Water Depth: 49 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
☒ Geoprobe Dual-Tube Sampler

URS

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
B-1

Start Date: 5/14/08 Completion Date: 5/21/08
Coordinates: Northing:792528.13 Easting:2321982.84
Boring Location: Village of Roxana
Ground Elevation: 443.24

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
			1.8				SAME: Dense, wet, tan, medium grained, SAND (SP)	
	48	0						Bottom of liner from 48 - 52 ft crushed. Liner from 42 - 56 ft crushed at end; no recovery
55								
	48	0						Liner from 56 - 60 ft stuck in rods; no recovery
60							Bottom of boring at 60 ft bgs	
65								
70								

Completion Depth: 60.00 ft bgs
Project No.: 21561979
Project Name: Route 111 and Rand Avenue Vicinity
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hand Auger / Dual-Tube Geoprobe Rig Type: 6610DT
Drilled by: J. Cox
Logged by: W. Pennington / M. Miller

Water Depth: 49 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
☒ Geoprobe Dual-Tube Sampler

URS

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
B-2

Start Date: 5/14/08 Completion Date: 5/20/08
Coordinates: Northing:792541.10 Easting:2322245.99
Boring Location: Village of Roxana
Ground Elevation: 444.21

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	USCS	DESCRIPTION	NOTES
				TOPSOIL	TOPSOIL	Boring advanced to a depth of 8' via hand auger, then continued with geoprobe
				CL	Soft, moist, brown, low plastic, silty CLAY (CL)	
					Loose to medium dense, moist, brown, fine grained, SAND (SP)	
5						(05/14/08) Sample B-2-04 collected for VOCs
			2.7		Becomes loose, tan, trace silt	
10	48	24	11.0		Silt grades out	
			3.1		Becomes medium dense, dry	
	48	30		SP		
15			31.4			
			5.9		Becomes fine to medium grained	
	48	30	6.1			
20			2.4			
	48	30	4.5			

Completion Depth: **64.00 ft bgs**
Project No.: **21561979**
Project Name: **Route 111 and Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Hand Auger / Dual-Tube Geoprobe** Rig Type: **6610DT**
Drilled by: **J. Cox**
Logged by: **W. Pennington / M. Miller**

Water Depth: 53 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
⊠ Geoprobe Dual-Tube Sampler

URS

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
B-2

Start Date: 5/14/08 Completion Date: 5/20/08
Coordinates: Northing:792541.10 Easting:2322245.99
Boring Location: Village of Roxana
Ground Elevation: 444.21

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	30	10.1 18.5				SAME: Medium dense, dry, tan, fine to medium grained, SAND (SP)	
30	36	24	5.5 7.3					
	36	24	16.5					
35	48	30	9.5 10.3			SP		
40	48	30	39.9 192				Becomes fine grained	1000 (05/20/08) Sample B-2-41 collected for VOCs
45	48	30	167 20.7				Black and gray banding Becomes gray, fine to medium grained	
	48	36	11.1 69.0					Slight hydrocarbon odor

Completion Depth: 64.00 ft bgs
Project No.: 21561979
Project Name: Route 111 and Rand Avenue Vicinity
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hand Auger / Dual-Tube Geoprobe Rig Type: 6610DT
Drilled by: J. Cox
Logged by: W. Pennington / M. Miller

URS

Water Depth: 53 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
☒ Geoprobe Dual-Tube Sampler

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
B-2

Start Date: 5/14/08 Completion Date: 5/20/08
Coordinates: Northing:792541.10 Easting:2322245.99
Boring Location: Village of Roxana
Ground Elevation: 444.21

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	34	530				SAME: Medium dense, gray, dry, fine to medium grained, SAND (SP)	
							Becomes moist	
			597				Becomes wet ▽	
55	48	42	1134					
			1122					
	24	2						Sample liner broke off within rods. Pull rods to collect sample. Blind drill to 64' bgs
60	48	0						
65							Bottom of boring at 64 ft bgs	
70								

Completion Depth: **64.00 ft bgs**
Project No.: **21561979**
Project Name: **Route 111 and Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Hand Auger / Dual-Tube Geoprobe** Rig Type: **6610DT**
Drilled by: **J. Cox**
Logged by: **W. Pennington / M. Miller**

URS

Water Depth: 53 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
⊠ Geoprobe Dual-Tube Sampler

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
B-3

Start Date: 5/14/08 Completion Date: 5/21/08
Coordinates: Northing:792218.77 Easting:2321690.48
Boring Location: Village of Roxana
Ground Elevation: 430.69

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	USCS	DESCRIPTION	NOTES
				TOPSOIL	TOPSOIL	Boring advanced to a depth of 8' via hand auger, then continued with geoprobe
				FILL	Clayey FILL (FILL) with gravel and asphalt	
			0.0	CL	Medium stiff, moist, brown, medium plastic CLAY (CL)	
					With sand	
			0.0			
5					Becomes gray and brown mottled, sandy	
				SP	Loose to medium dense, moist, brown, fine to medium grained SAND (SP)	(05/14/08) Sample B-3-06 collected for VOCs
					Becomes loose, tan, trace silt	
			0.9			
10	48	24				
			0.2			
					Silt grades out	
			1.3			
	48	32				
15			1.8			
					Becomes medium dense	
			1.6			
	48	32			Becomes reddish brown	
			1.4			
20					Becomes tan	
			2.4			
	48	32				
			1.5			

Completion Depth: **48.00 ft bgs**
Project No.: **21561979**
Project Name: **Route 111 and Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Hand Auger / Dual-Tube Geoprobe** Rig Type: **6610DT**
Drilled by: **J. Cox**
Logged by: **W. Pennington / M. Miller**

URS

Water Depth: 35.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
☒ Geoprobe Dual-Tube Sampler

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
B-3

Start Date: 5/14/08 Completion Date: 5/21/08
Coordinates: Northing:792218.77 Easting:2321690.48
Boring Location: Village of Roxana
Ground Elevation: 430.69

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	32	0.8 0.7				SAME: Medium dense, moist, tan, fine to medium grained SAND (SP)	
30	48	30	1.3 1.8					
35	48	34	2.7 1.6					1100 (05/21/08) Sample B-3-33 collected for VOCs
							▽ Becomes wet	
	48	36	1.8 2.3			SP	Becomes gray, medium grained Becomes dense, fine to medium grained	
40	48	36	2.7 1.5					
45	48	40	12.1 13.6					
							Bottom of boring at 48 ft bgs	

Completion Depth: 48.00 ft bgs
Project No.: 21561979
Project Name: Route 111 and Rand Avenue Vicinity
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hand Auger / Dual-Tube Geoprobe Rig Type: 6610DT
Drilled by: J. Cox
Logged by: W. Pennington / M. Miller

URS

Water Depth: 35.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
⊠ Geoprobe Dual-Tube Sampler

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
B-4

Start Date: 5/15/08 Completion Date: 5/22/08
Coordinates: Northing:792229.68 Easting:2321998.37
Boring Location: Village of Roxana
Ground Elevation: 441.86

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	USCS	DESCRIPTION	NOTES
				FILL	Asphalt, gravel base coarse FILL (FILL)	Boring advanced to a depth of 8' via hand auger, then continued with geoprobe
			0.0	CL	Medium stiff, moist, brownish gray, silty CLAY (CL)	
			0.0		Becomes brown, sandy, with small sand zones	
5			0.0	CH	Stiff, moist, brown and red, mottled, medium to high plastic CLAY (CH)	
					with sand	0945 (05/15/08) Sample B-4-06 collected for VOCs
				CL	Medium stiff, moist, brown with red mottled, low to medium plastic CLAY (CL)	
			0.0	SC	Loose to medium dense, moist, brown, clayey SAND (SC)	
					Loose, moist, orangish brown, fine to medium grained, SAND (SP)	
10	48	16	0.3			
					Becomes medium dense	
			1.2			
	48	30				
15			0.8			
				SP		
			0.8			
	48	32				
			1.2			
20					Becomes tan	
			1.2			
	48	32			Becomes dry	
			0.0			

Completion Depth: 58.00 ft bgs
Project No.: 21561979
Project Name: Route 111 and Rand Avenue Vicinity
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hand Auger / Dual-Tube Geoprobe Rig Type: 6610DT
Drilled by: J. Cox
Logged by: W. Pennington / M. Miller

Water Depth: 48.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
☒ Geoprobe Dual-Tube Sampler

URS

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
B-4

Start Date: 5/15/08 Completion Date: 5/22/08
Coordinates: Northing:792229.68 Easting:2321998.37
Boring Location: Village of Roxana
Ground Elevation: 441.86

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	32	1.2 1.6				SAME: Medium dense, dry, tan, fine to medium grained, SAND (SP)	
30	48	32	0.8 1.7					Dark gray staining (4 inches)
	48	36	1.4 2.1				Becomes orangish brown	0935 (05/22/08) Sample B-4-35 collected for VOCs
35	48	4				SP	Becomes tan	
40	48	32	1.5 0.8 0.2				Becomes dense Trace silt (4 inches)	Trace dark brown staining (varved layers)
45	48	4	0.9					
	48	48	9.5				Becomes moist Becomes silty Becomes wet, gray, medium grained	▽

Completion Depth: 58.00 ft bgs
Project No.: 21561979
Project Name: Route 111 and Rand Avenue Vicinity
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hand Auger / Dual-Tube Geoprobe Rig Type: 6610DT
Drilled by: J. Cox
Logged by: W. Pennington / M. Miller

Water Depth: 48.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
☒ Geoprobe Dual-Tube Sampler

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
B-4

Start Date: 5/15/08 Completion Date: 5/22/08
Coordinates: Northing:792229.68 Easting:2321998.37
Boring Location: Village of Roxana
Ground Elevation: 441.86

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
			18.7			SP	SAME: Dense, wet, gray, medium grained, SAND (SP)	
						SC	Medium dense, wet, gray, fine grained, clayey SAND (SC)	
			28.4				Dense, wet, gray, medium to fine grained SAND (SP)	
55	48	48				SP		
	24	0						Solid tip driven to 58' bgs due to recovery issues
							Bottom of boring at 58 ft bgs	
60								
65								
70								

Completion Depth: 58.00 ft bgs
Project No.: 21561979
Project Name: Route 111 and Rand Avenue Vicinity
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hand Auger / Dual-Tube Geoprobe Rig Type: 6610DT
Drilled by: J. Cox
Logged by: W. Pennington / M. Miller

URS

Water Depth: 48.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
☒ Geoprobe Dual-Tube Sampler

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
B-5

Start Date: 5/15/08 Completion Date: 5/21/08
Coordinates: Northing:792023.99 Easting:2321801.86
Boring Location: Village of Roxana
Ground Elevation: 429.98

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	USCS	DESCRIPTION	NOTES
			0.0	FILL	Gravel and asphalt FILL (FILL)	Boring advanced to a depth of 6' via hand auger, then continued with geoprobe
			0.0		Gray, silty CLAY (FILL) Dark gray clayey GRAVEL (FILL) Brown, silty CLAY (FILL) Dark gray to black, clayey GRAVEL (FILL)	
5			0.0		Soft, wet, grayish brown, low plastic, silty CLAY (CL)	1345 (05/15/08) Sample B-5-04.5 collected for VOCs
	24	18	3.6		Becomes medium stiff, dark brown	
			2.6			
10	48	48				
			1.8	CL	Trace fine grained sand	
			2.3			
	48	48				
15			2.6		Becomes soft, grayish brown	
					Becomes sandy	
			1.8			
	48	48				
			2.3			
20					Medium dense, wet, brown, fine grained, clayey SAND (SC)	
			0.6	SC		
	48	48				
			1.8			
				SP	Medium dense, moist, tan, fine to medium grained, SAND (SP)	

Completion Depth: 48.00 ft bgs
Project No.: 21561979
Project Name: Route 111 and Rand Avenue Vicinity
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hand Auger / Dual-Tube Geoprobe Rig Type: 6610DT
Drilled by: J. Cox
Logged by: W. Pennington / M. Miller

URS

Water Depth: 35.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
☒ Geoprobe Dual-Tube Sampler

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
B-5

Start Date: 5/15/08 Completion Date: 5/21/08
Coordinates: Northing:792023.99 Easting:2321801.86
Boring Location: Village of Roxana
Ground Elevation: 429.98

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	30	2.8 4.7				SAME: Medium dense, moist, tan, fine to medium grained, SAND (SP) Becomes dry to moist	0935 (05/21/08) Sample B-5-27 collected for VOCs
30	48	32	2.2 2.5				Becomes moist	
35	48	36	3.3 4.2				Becomes wet ▽	
	48	36	3.1 2.8			SP	Becomes dense, gray	
40	48	48	4.3 6.5					
45	48	42	14.5 19.2					
							Bottom of boring at 48 ft bgs	

Completion Depth: **48.00 ft bgs**
Project No.: **21561979**
Project Name: **Route 111 and Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Hand Auger / Dual-Tube Geoprobe** Rig Type: **6610DT**
Drilled by: **J. Cox**
Logged by: **W. Pennington / M. Miller**

URS

Water Depth: 35.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
⊠ Geoprobe Dual-Tube Sampler

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
B-6

Start Date: 5/15/08 Completion Date: 5/19/08
Coordinates: Northing:791610.47 Easting:2322074.96
Boring Location: Village of Roxana
Ground Elevation: 432.75

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
			0.0				Gravel (FILL)	Boring advanced to a depth of 6' via hand auger, then continued with geoprobe
			0.0			FILL	Dark gray and black, mottled, silty CLAY (FILL)	
			0.0				Becomes soft, moist, gray and brown	
5							Becomes gray, with brown	1250 (05/15/08) Sample B-6-04 collected for VOCs
	24	24	0.5				Black cinders and gravel (FILL), trace clay	
			1.4				Soft, moist, dark gray, low plastic, silty CLAY (CL) Becomes medium stiff, dark brown	
			2.3				Becomes soft, brown	
10	48	30					Becomes dark brown	
			2.2			CL	Becomes medium stiff	
			3.9				Becomes medium stiff to stiff, brown, with orange mottling	
	48	30						
15			4.3					
			3.9				Dense, moist, brown, fine grained clayey SAND (SC)	
	48	30						
			3.4			SC		
20								
			4.2				Loose, moist, brownish gray, fine to medium grained SAND (SP), trace silt	
	48	36						
			4.7			SP	Silt grades out	1205 (05/19/08) Sample B-6-23 collected for VOCs
							Becomes moist to dry	

Completion Depth: **50.00 ft bgs**
Project No.: **21561979**
Project Name: **Route 111 and Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Hand Auger / Dual-Tube Geoprobe** Rig Type: **6610DT**
Drilled by: **J. Cox**
Logged by: **W. Pennington / M. Miller**

Water Depth: 38 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
☒ Geoprobe Dual-Tube Sampler

URS

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
B-6

Start Date: 5/15/08 Completion Date: 5/19/08
Coordinates: Northing:791610.47 Easting:2322074.96
Boring Location: Village of Roxana
Ground Elevation: 432.75

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	36	3.2 2.3				SAME: Loose, moist to dry, brownish gray, fine to medium grained SAND (SP)	
30	48	30	2.3 2.0					
	48	30	2.2 2.3				Becomes tan	
35								
	48	36	2.2 1.8			SP	Becomes medium dense, moist Becomes wet	
40	48	36	0.0 0.0					
45	48	30	0.0 0.0					
	24	0					Bottom of boring at 50 ft bgs	Solid tip driven to 50' bgs due to recovery issues

Completion Depth: **50.00 ft bgs**
Project No.: **21561979**
Project Name: **Route 111 and Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Hand Auger / Dual-Tube Geoprobe** Rig Type: **6610DT**
Drilled by: **J. Cox**
Logged by: **W. Pennington / M. Miller**

Water Depth: 38 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
⊠ Geoprobe Dual-Tube Sampler

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
GP-7(II)

Start Date: 5/15/08 Completion Date: 5/19/08
Coordinates: Northing: N/A Easting: N/A
Boring Location: Village of Roxana
Ground Elevation: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
			0.0			FILL	Gravel with sand FILL (FILL) (2 inches) Asphalt with base coarse (FILL) (4 inches) Black gravel and cinders FILL (FILL) with clay	Boring advanced to a depth of 8' via hand auger, then continued with geoprobe
			0.0				Loose, moist, brown, fine to medium grained SAND (SP)	
5			0.0					1115 (05/15/08) Sample GP-7(II)-03 collected for VOCs
			0.7				Becomes tan, trace clay	
10	48	30	118			SP		
			537				Becomes gray	
	48	36						
15			293					
			403				Becomes dry, tan	
	48	36						
			541					1635 (05/19/08) Sample GP-7(II)-19 and GP-12(II)-19-DUP collected for VOCs
20							Bottom of boring at 20 ft bgs	

Completion Depth: **20.00 ft bgs**
Project No.: **21561979**
Project Name: **Route 111 and Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Hand Auger / Dual-Tube Geoprobe** Rig Type: **6610DT**
Drilled by: **J. Cox**
Logged by: **W. Pennington / M. Miller**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
⊠ Geoprobe Dual-Tube Sampler

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
GP-12(II)

Start Date: 5/15/08 Completion Date: 5/22/08
Coordinates: Northing: N/A Easting: N/A
Boring Location: Village of Roxana
Ground Elevation: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	USCS	DESCRIPTION	NOTES
				TOPSOIL	TOPSOIL	Boring advanced to a depth of 5' via hand auger, then continued with geoprobe
					Soft, moist, brown, low plastic, silty CLAY (CL)	
				CL	Medium stiff, moist, brown, low to medium plastic CLAY (CL)	
5					Trace small roots	1025 (05/15/08) Sample GP-12(II)-04 collected for VOCs
					Medium stiff, moist, red brown, low plastic, silty CLAY (CL)	
	36	24	0.8	SC/CL	Soft, wet, brown, sandy CLAY to clayey SAND (CL/SC)	
			1.2		Trace silt	
10	48	24			Loose, moist to dry, tan, fine grained SAND (SP), trace silt	
			0.7		Silt grades out	
			1.8			
	48	32		SP		
15			1.5			
			2.3			1425 (05/22/08) Sample GP-12(II)-17 and GP-12(II)-17-DUP collected for VOCs
	48	32				
			1.9			
20					Bottom of boring at 20 ft bgs	

Completion Depth: **20.00 ft bgs**
Project No.: **21561979**
Project Name: **Route 111 and Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Hand Auger / Dual-Tube Geoprobe** Rig Type: **6610DT**
Drilled by: **J. Cox**
Logged by: **W. Pennington / M. Miller**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▼ Water level ATD
▽ Water level after drilling
Air Knife / Hand Auger Sampler
Unified Soil Classification based on field visual observations.

ATD - At time of drilling
☐ Hollow Stem Auger - Soil sampling not performed
■ Split Spoon Sampler
◧ Geoprobe - Soil sampling not performed
⊠ Geoprobe Dual-Tube Sampler

URS (ENVIRON) LOG RAND 2008 21561979 ROXANA WELLS.GPJ URSSTLEV.GDT 8/5/08

LOG OF BORING
GP-1

Completion Date: 9/2/09
Casing Elevation:
Ground Elevation: 433.07

Coordinates
Northing:791975.34
Easting:2321614.60

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							Gravelly silt, FILL (FILL)	Boring advanced to a depth of 5' via hand auger to clear utilities, then continued with direct push dual tube
							Becomes medium stiff, moist, brown, low plastic, silty clay, trace sand and gravel	
5						FILL		
	36	21	3.8				With gravel	
							Becomes dark brown, silty gravel	
			6.1					
10	48	41					Becomes wet, clayey	
			2.4				Medium stiff, moist, gray, medium plastic, CLAY (CL)	
			3.7					
	48	48					Trace iron staining	
15			4.3				Becomes stiff	
						CL	Becomes brown and light gray	
			5.1					
	48	48						
			4.9					
20								
			5.5				Becomes soft, moist to very moist, gray, low plastic, sandy	
	48	37						
			4.9					Sampled GP-1-22.5 for VOC at 0950
							Medium dense, moist, grayish brown, fine to medium grained, SAND (SP), trace clay	Collected Sudan kit at 23.5'
						SP		

Completion Depth: 40.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: M. Corbett

Water Depth: 32 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
3" Clear Acetate Liner
USC based on field visual observations

URS

URS (ENVIRON) LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-1

Completion Date: 9/2/09
Casing Elevation:
Ground Elevation: 433.07

Coordinates
Northing:791975.34
Easting:2321614.60

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	39	6.9			SP	Same: Medium dense, moist, grayish brown, fine to medium grained, SAND (SP), trace clay	
						SC	Loose, moist, gray, low plastic, Clayey SAND (SC)	
			7.9				Medium dense, moist, grayish brown, fine to medium grained, SAND (SP), trace clay	Collected Sudan kit at 27'
							Becomes light brown	
30	48	33	5.1					
			5.3					Sampled GP-1-31 and GP-1-31D for VOC at 0940
							▽ Becomes wet, trace gravel	Collected Sudan kit at 31.5'
	48	40	9.2			SP		Collected Sudan kit at 33'
35			6.3				Becomes medium grained, clay grades out	
	48	40	6.0				Becomes fine to medium grained	
			7.1				Becomes brownish gray Coal seam Becomes light brown, trace gravel	
40							Bottom of boring at 40' bgs	
45								

Completion Depth: 40.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: M. Corbett

URS

Water Depth: 32 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON) LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-2

Completion Date: 8/31/09
Casing Elevation:
Ground Elevation: 432.47

Coordinates
Northing:791928.10
Easting:2321630.26

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
5						FILL	Soft to medium stiff, moist, brown, silty clay, trace sand and gravel, FILL (FILL)	Boring advanced to a depth of 5' via hand auger to clear utilities, then continued with direct push dual tube
	36	26	2.8 2.7				Becomes medium dense sandy gravel, trace silt	
10	48	27	3.7 3.2				Becomes wet	
						CH	Soft, moist, gray, high plastic, CLAY (CH)	
	48	46	3.7				Becomes medium stiff	
15			4.0				Becomes stiff	
	48	44.5	7.8 5.1					Collected Sudan kit at 17' Sampled GP-2-17 for VOC at 1630
						CL	Soft, moist, brownish gray, low plastic, Silty CLAY (CL),	
20							Becomes sandy	
	48	29	7.5 5.2			SP	Medium dense, moist, brownish gray, fine to medium grained, SAND (SP)	
						CL	Medium stiff, gray, medium plastic, CLAY (CL) Becomes sandy	
						SP	Medium dense, moist, brownish gray fine to medium grained, SAND (SP), trace silt	Hydrocarbon staining Collected Sudan kit at 23.5' Sampled GP-2-23.5 for VOCs at 1650

Completion Depth: 40.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: M. Corbett

URS

Water Depth: 32 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON) LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-2

Completion Date: 8/31/09
Casing Elevation:
Ground Elevation: 432.47

Coordinates
Northing:791928.10
Easting:2321630.26

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	39	4.3 3.3				Same: Medium dense, moist, brownish gray fine to medium grained, SAND (SP), trace silt Becomes brownish gray	
30	48	39	3.8 4.0				Becomes light brown ▽ Becomes wet	
35	48	41	5.0 7.7				Becomes brownish gray, medium to coarse grained Becomes dense, light brown, fine to medium grained	Collected Sudan kit at 35'
40	48	48	4.6 4.5				Becomes brownish gray Becomes light brown	
							Bottom of boring at 40' bgs	
45								

Completion Depth: 40.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: M. Corbett

URS

Water Depth: 32 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON) LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-3

Completion Date: 6/9/10
Casing Elevation:
Ground Elevation:

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	USCS	DESCRIPTION	NOTES
				ASPHALT	Asphalt	Boring advanced to a depth of 7' bgs via air knife to clear utilities.
				FILL	Baserock (FILL)	
					Sandy fill (FILL)	
5						
				CL	Medium stiff, moist, dark gray with brown mottles, low plastic CLAY (CL)	
	60	44	0.2			
10			1.1		Becomes with silt	
	48	34	1.3			
				SC	Loose to medium dense, moist, gray, fine grained, Clayey SAND (SC)	
15			1.2	SP	Medium dense, moist, gray, medium to coarse grained SAND (SP)	
					2" clay seam	
	48	48	0.5		Becomes wet	
			1.1		Becomes moist	Sampled GP-3-17 for VOC at 1335
20						
	48	38	3.8		3" clay seam	
			5.7		Becomes brownish gray	Sampled GP-3-24 for VOC at 1340
					Becomes wet ▽	

Completion Depth: 28.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Supplemental Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: W. Pennington

Water Depth: 24.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS

URS (ENVIRON) LOG 21562289.00011.GPJ URSSTLEV.GDT 8/12/10

LOG OF BORING
GP-3

Completion Date: 6/9/10
Casing Elevation:
Ground Elevation:

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	48	4.9 10.3			SP	Same: Medium dense, wet, brownish gray, medium to coarse grained SAND (SP)	
							Bottom of boring at 28' bgs	
30								
35								
40								
45								

Completion Depth: 28.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Supplemental Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: W. Pennington

Water Depth: 24.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS

URS (ENVIRON) LOG 21562289.00011.GPJ URSSTLEV.GDT 8/12/10

LOG OF BORING
GP-4

Completion Date: 8/3/09
Casing Elevation:
Ground Elevation: 433.13

Coordinates
Northing:791837.03
Easting:2321684.23

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
			1.1			FILL	Loose, moist, brown, silty sand, with gravel, FILL (FILL)	Boring advanced to a depth of 5' via hand auger to clear utilities, then continued with direct push dual tube
5	36	18	1.2					
10	48	14	18.0				Becomes wet	
						CL	Soft, moist, low plastic, Sandy CLAY (CL)	Collected Sudan kit at 11' Sampled GP-4-11 for VOC at 1205
	48	48	3.0				Becomes medium stiff to stiff, gray, medium plastic, sand grades out	
15			2.7					
	48	45	3.0				Becomes brownish gray	
			4.0				Becomes sandy	
20	48	39	3.1				Becomes soft, brown	
			3.1				Becomes, wet, gray, low plastic	Sampled GP-4-22.5 for VOC at 1215
						SP	Medium dense, moist, brownish gray, fine to medum grained, SAND (SP), trace silt	Black staining, petroleum - like odor Collected Sudan kit at 23.5'

Completion Depth: 41.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: M. Corbett

URS

Water Depth: 32 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling
◧ Splitspoon Sampler
◧ Hollow Stem Auger-Soil samples not collected
☒ Geoprobe Macro Sampler
◧ Air Knife/Hand Auger Sampler
▩ Air Rotary
■ 3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON) LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-4

Completion Date: 8/3/09
Casing Elevation:
Ground Elevation: 433.13

Coordinates
Northing:791837.03
Easting:2321684.23

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	39	3.7 3.8				Same: Medium dense, moist, brownish gray, fine to medum grained, SAND (SP), trace silt 2" soft, moist, gray, clay 3" soft, moist, gray, clay Becomes light brown	
30	48	40	4.3 4.0				1" soft, moist, gray, clay, trace gravel ▽ Becomes wet	
35	48	41	27.1 20.1					Collected Sudan kit at 33' Sampled GP-4-33 for VOC at 1225
	48	48	9.4 12.1				2" moist, gray, medium plastic, clay Trace coal seams	
40							Bottom of boring at 40' bgs	
45								

Completion Depth: 41.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: M. Corbett

URS

Water Depth: 32 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON).LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-5

Completion Date: 6/9/10
Casing Elevation:
Ground Elevation:

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
						ASPHALT	Asphalt	Boring advanced to a depth of 7.5' bgs via air knife to clear utilities.
						FILL	Baserock (FILL)	
							Loose, wet, gray SAND (FILL)	
5						FILL		
	54	26	1.2					
10			1.6				Soft, moist, gray with brown mottles, low plastic CLAY (CL)	Sampled GP-5-10 for VOC at 0855
	48	46	0.4					
15			1.4			CL	Becomes medium stiff	
	48	48	0.4					
			1.3				Brown mottles grade out	Sampled GP-5-19 for VOC at 0900
20							Loose, moist, gray, fine to medium grained SAND (SP), trace to with clay	
	48	36	9.5					
			15.6			SP	Becomes medium dense to dense, brownish gray, trace small clay seams (< 1/4" thick)	
							3" clay seam (smaller clay seams grade out)	
							Becomes medium to coarse grained	

Completion Depth: 32.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Supplemental Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: W. Pennington

Water Depth: 28 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

- ▽ Water level at time of drilling
- ▼ Water level after drilling
- ATD - At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger- Soil samples not collected
- Geoprobe Macro Sampler
- Air Knife/Hand Auger Sampler
- Air Rotary
- 3" Clear Acetate Liner

USC based on field visual observations

URS

URS (ENVIRON) LOG 21562289.00011.GPJ URSSTLEV.GDT 8/12/10

LOG OF BORING
GP-5

Completion Date: 6/9/10
Casing Elevation:
Ground Elevation:

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	39	15.2 1075			SP	Same: Medium dense to dense, moist, brownish gray, medium to coarse grained SAND (SP) 1" clay seam ▽ Becomes wet	Sampled GP-5-27 and GP-5-27D for VOC at 0905
30	48	47	988 247				Bottom of boring at 32' bgs	
35								
40								
45								

Completion Depth: 32.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Supplemental Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: W. Pennington

Water Depth: 28 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS

URS (ENVIRON) LOG 21562289.00011.GPJ URSSTLEV.GDT 8/12/10

LOG OF BORING
GP-7

Completion Date: 8/26/09
Casing Elevation:
Ground Elevation: 444.00

Coordinates
Northing:793706.85
Easting:2322424.53

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	USCS	DESCRIPTION	NOTES
				FILL	Asphalt and gravel, FILL (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with direct push dual tube
					Stiff, moist, dark brown, low plastic, Silty CLAY (CL), with gravel	
5				CL	Becomes brown, some silt	
					Becomes soft, gray, silty, trace sand	
10	24	14	43.9		Loose, moist, brown, fine grained, Silty SAND (SM)	
					Becomes brownish gray	
	48	36	36.7	SM		
15			28.9			
	48	39	27.4		Loose to medium dense, moist, grayish brown, fine grained, SAND (SP)	
			41.3			
20				SP	Becomes fine to medium grained, trace silt	
	48	36	19.3			
			7.9			

Completion Depth: 44.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: N. Satam/W. Pennington

Water Depth: 40.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS

URS (ENVIRON).LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-7

Completion Date: 8/26/09
Casing Elevation:
Ground Elevation: 444.00

Coordinates
Northing:793706.85
Easting:2322424.53

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	37	127.0			SP	Same: Loose to medium dense, moist, grayish brown, fine to medium grained, SAND (SP)	Collected Sudan kit at 25' Sampled GP-7-25 for VOC at 1045
			21.3					
30	48	39	69.7				Becomes dense	
			33.1			SM	Medium dense to dense, dry to moist, gray, fined grained, Silty SAND (SM)	
	48	48	54.6			SP	Medium dense to dense, dry, gray, fine grained, SAND (SP), trace silt	
35			557					Strong petroleum - like odor
	48	45	1519			CL	Soft, wet, gray to dark gray, Silty CLAY (CL)	Collected Sudan kit at 36.5' Very strong petroleum - like odor, possible slight sheen Sampled GP-7-37 for VOC at 1015
			1700			SP	Dense to medium dense, moist, grayish brown, medium grained, SAND (SP)	Collected Sudan kit at 39'
40							Becomes dark gray ▽	Strong petroleum - like odor
	48	48	46.2			SM	Medium dense to dense, wet, gray, fine grained, Silty SAND (SM)	Sampled GP-7-41 for VOC at 1020
			40.0					Collected Sudan kit at 43'
45							Bottom of boring at 44' bgs	

Completion Depth: 44.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: N. Satam/W. Pennington

URS

Water Depth: 40.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON) LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-8

Completion Date: 8/26/09
Casing Elevation:
Ground Elevation: 442.64

Coordinates
Northing:793350.77
Easting:2322347.98

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	USCS	DESCRIPTION	NOTES
				FILL	Stiff, moist, dark brown, low plastic, silty clay, FILL (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with direct push dual tube
5				CL	Stiff, moist, grayish brown to brown, low plastic, CLAY (CL), some silt	
				SM	Medium dense, moist, gray, fine grained, Silty SAND (SM)	
10				ML	Soft to medium stiff, moist, gray with brown, low plastic, Sandy SILT (ML)	
	24	24	72.0	SP	Medium dense, moist, gray and brown, fine to medium grained, SAND (SP), trace silt	
	48	26	445		Becomes grayish brown, silt grades out	Collected Sudan kit at 13' bgs Sampled GP-8-13 for VOC at 1345
15			331			
	48	30	211		Becomes moist to wet, gray 6" wet, brown, clayey silt Becomes moist, grayish brown	
			23.0			
20	48	48	30.0		Becomes, moist to wet, gray, medium grained	
			28.0	CL	Soft, moist to wet, brown, some gray, low plastic, CLAY (CL), with silt	
				SP	Medium dense to dense, moist, grayish brown, fine to medium grained, SAND (SP) Medium grain grades out for 6"	

Completion Depth: 48.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: N. Satam/W. Pennington

Water Depth: 44 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS

URS (ENVIRON) LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-8

Completion Date: 8/26/09
Casing Elevation:
Ground Elevation: 442.64

Coordinates
Northing:793350.77
Easting:2322347.98

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	43	24.4 60.9			SP	Same: Medium dense to dense, moist, grayish brown, fine to medium grained, SAND (SP)	
30	48	37	32.0 16.9				Becomes dense, brown and gray, medium grained	
	48	42	31.0 124			SM	Loose, wet, brown to grayish brown, Silty SAND (SM)	
35							Dense, moist, brown gray, medium grained, SAND (SP)	Collected Sudan kit at 35' Sampled GP-8-35 for VOC at 1350
	48	36	10.2 7.0				Becomes medium dense to dense, moist to dry, grayish brown, medium to coarse grained, sand	
40	48	34	37.4 17.5			SP		
45	48	48	233 586				▽ Becomes wet at 44'	Mild petroleum like odor Collected Sudan kit at 47' Sampled GP-8-47 for VOC at 1410
							Bottom of boring at 48' bgs	

Completion Depth: 48.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: N. Satam/W. Pennington

URS

Water Depth: 44 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON) LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-9

Completion
Date: 8/25/09
Casing Elevation: 442.41
Ground Elevation: 442.71

Coordinates
Northing:792931.19
Easting:2322420.46

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	USCS	DESCRIPTION	NOTES
				FILL	Gravelly, FILL (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with direct push dual tube
				FILL	Becomes stiff, moist to dry, dark gray, silt, trace gravel	
				FILL	Becomes moist, dark brown, low plastic, clay, some silt	
5				ML	Stiff, moist, brown to gray, low plastic, SILT (ML)	
				SM	Dense, moist, grayish brown, fine grained, Silty SAND (SM)	
10	24	24	1982	SP	Loose, dry, gray, fine grained, SAND (SP)	Petroleum - like odor present
	48	44	1267 1851	SP	Becomes medium dense	Collected Sudan kit at 12'
15	48	44	1808 1704	SP		Collected Sudan kit at 18' Sampled GP-9-18 for VOC at 1250
20	48	44	1663 1459	SP	Becomes wet, with silt	Collected Sudan kit at 23'

Completion Depth: **48.00 Ft bgs**
Project No.: **21562289**
Project Name: **Roxana Dissolved Phase Investigation**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Geoprobe (Direct Push Dual Tube)**
Logged by: **M. Miller/W. Pennington**

URS

Water Depth: 44 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON) LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-9

Completion Date: 8/25/09
Casing Elevation: 442.41
Ground Elevation: 442.71

Coordinates
Northing:792931.19
Easting:2322420.46

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	USCS	DESCRIPTION	NOTES
	48	40	192		Becomes medium dense, dry, brown, fine to medium grained, silt grades out	
			185			Collected Sudan kit at 27'
			831	SP		
30	48	40				
			1315			Slight sheen Collected Sudan kit at 31'
			1511	CL	Soft, moist, greenish gray, low plastic, Sandy CLAY (CL)	
	48	40			Medium dense, dry, brown, fine to medium grained, SAND (SP)	
35			1139			
					Trace clay lenses for 6"	
					Becomes moist, fine to coarse grained	
			1233			Slight sheen, petroleum - like odor Sampled GP-9-37 for VOC at 1255 Collected Sudan kit at 37'
	48	40				
			1217		2" clay	
40						Strong petroleum like - odor
			1387	SP		
	48	40				
			1250			
					▽ Becomes dense, wet	Collected Sudan kit at 44'
45			1187			
	48	48				
			1350			
					Bottom of boring at 48' bgs	Install piezometer GP-9-PZ at 48' bgs with 10" screen

Completion Depth: 48.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: M. Miller/W. Pennington

URS

Water Depth: 44 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON) LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-10

Completion Date: 8/24/09
Casing Elevation:
Ground Elevation: 445.39

Coordinates
Northing:794064.87
Easting:2321752.05

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
5	36	24	6.3			CL	Soft, moist, brown, low plastic, Silty CLAY (CL)	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with direct push dual tube
10	48	34	7.6 7.2			SP	Loose to medium dense, moist, brown, fine grained, SAND (SP), some silt Silt grades out	
15	48	33	6.2 6.0					
20	48	42	5.2 4.3				Becomes medium dense, fine to medium grained	
	48	40	7.5 7.2				Becomes wet 1.5" clayey sand to sandy clay	

Completion Depth: 48.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: M. Miller/W. Pennington

URS

Water Depth: 46 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

- ▽ Water level at time of drilling
- ▼ Water level after drilling
- ATD - At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger-Soil samples not collected
- Geoprobe Macro Sampler
- Air Knife/Hand Auger Sampler
- Air Rotary
- 3" Clear Acetate Liner
- USC based on field visual observations

URS (ENVIRON) LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-10

Completion Date: 8/24/09
Casing Elevation:
Ground Elevation: 445.39

Coordinates
Northing:794064.87
Easting:2321752.05

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	39	5.0 7.2			SP	Same: Medium dense, wet, brown, fine to medium grained, SAND (SP)	
						CL	Soft, moist to wet, brown, low plastic, CLAY (CL), some sand and silt	
30	48	37	5.5 7.8			SP	Medium dense, moist, grayish brown, medium to coarse grained, SAND (SP)	
	48	39	6.5 7.0			CL	Soft, moist to wet, brown, low plastic, Silty CLAY (CL)	
35							Medium dense, moist, grayish brown, medium to coarse grained, SAND (SP)	
	48	36	6.4 5.0					
40	48	35	7.3 7.6			SP		
							Becomes gray	
45	48	38	4.9 3.9				Becomes wet at 46' bgs ▽	
							Bottom of boring at 48' bgs	

Completion Depth: 48.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: M. Miller/W. Pennington

URS

Water Depth: 46 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
Splitspoon Sampler
Hollow Stem Auger- Soil samples not collected
3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON) LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-11

Completion Date: 8/24/09
Casing Elevation:
Ground Elevation: 442.25

Coordinates
Northing:793595.19
Easting:2321767.31

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	USCS	DESCRIPTION	NOTES
				FILL	Asphalt and gravel, FILL (FILL)	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with direct push dual tube
				CL	Stiff, moist, brown, low plastic, CLAY (CL), with silt and sand	
5	36	18	0.4	SM	Loose, moist to dry, brown, fine grained, Silty SAND (SM)	
				SP	Loose, dry, light brown, fine grained, SAND (SP)	
			3.2	CL	Soft, moist, brown, low plastic, Sandy CLAY (CL)	
10	48	40	3.1	SP	Loose, dry, light brown, fine grained, SAND (SP)	
	48	40	4.5			
15			2.5		Becomes fine to medium grained	
	48	35	6.1	SP		
			5.1			
20	48	42	3.9		Becomes fine grained, with silt	
			3.5			

Completion Depth: 44.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: M. Miller/W. Pennington

Water Depth: 43 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS

URS (ENVIRON) LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-11

Completion Date: 8/24/09
Casing Elevation:
Ground Elevation: 442.25

Coordinates
Northing:793595.19
Easting:2321767.31

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	36	2.9 4.7			SP	Same: Loose, dry, light brown, fine grained, SAND (SP), with silt Becomes moist	
30	48	48	5.2 3.6			CL	Medium stiff, wet, gray, low plastic, Silty CLAY (CL)	
	48	38	15.9 8.0			ML-SM	Soft, moist, grayish brown, Sandy SILT (ML) to Silty SAND (SM) Becomes brown	
35						SP	Medium stiff, moist to dry, fine grained, SAND (SP) Becomes gray, fine to medium grained	
	48	48	10.4 6.8			CL	Soft, wet, gray, low plastic, CLAY (CL) With sand	
40	48	42	16.7 54.8			SP	Medium dense, moist, brown, fine to medium grained, SAND (SP) Becomes wet ▽	
45							Bottom of boring at 44' bgs	

Completion Depth: 44.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: M. Miller/W. Pennington

URS

Water Depth: 43 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON) LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-12

Completion Date: 8/25/09
Casing Elevation:
Ground Elevation: 443.24

Coordinates
Northing:793749.46
Easting:2322024.18

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
5	36	30	8.8			CL	Soft, moist, brown, low plastic, Silty CLAY (CL)	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with direct push dual tube
10	48	36	6.8 7.4			SP	Loose to medium dense, moist, brown, fine to medium grained, SAND (SP)	
15	48	35	7.0 6.1					
20	48	35	0.9 7.7				Becomes grayish brown, fines grades out	
	48	34	9.4 7.3					

Completion Depth: 48.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: W. Pennington

Water Depth: 44 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

- ▽ Water level at time of drilling
- ▼ Water level after drilling
- ATD - At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger- Soil samples not collected
- Geoprobe Macro Sampler
- Air Knife/Hand Auger Sampler
- Air Rotary
- 3" Clear Acetate Liner
- USC based on field visual observations

URS

URS (ENVIRON) LOG_21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-12

Completion Date: 8/25/09
Casing Elevation:
Ground Elevation: 443.24

Coordinates
Northing:793749.46
Easting:2322024.18

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	36	9.7 8.0				Loose to medium dense, moist, grayish brown, medium grained, SAND (SP)	
30	48	35	12.1 9.3					
	48	36	9.1 10.8				Trace black banding	
35						SP	Becomes coarse grained	
	48	34	8.0 6.8				Trace black banding	
40	48	38	10.4 9.0					
							▽ Becomes wet	
45	48	43	9.3 8.1				Trace black banding	
							Bottom of boring at 48' bgs	

Completion Depth: 48.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Geoprobe (Direct Push Dual Tube)
Logged by: W. Pennington

URS

Water Depth: 44 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON).LOG 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
GP-13

Start ng Date: 0/ 4/ 0
Comp et on Date: 0/ 4/ 0
Cas ng E evat on: Not_Insta ed
Ground E evat on: 443 55 (approx mate)

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):792979 52
E: (Y):232 7 3 77

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	ASPHALT	Borehole advanced to depth of 5' via hand auger to clear utilities. Soil cuttings from hand auger were used to log the upper portion of the borehole.
							FILL	Angular gravel and coarse sand	
							CL	Dense, moist, brown, Silty CLAY (CL), trace coarse sand	
								Trace fine sand	
5	60	35	NA	0.0			ML	Stiff, medium dense, moist, Clayey SILT (ML), trace fine sand	
				0.0				Medium dense, moist, fine grained SAND (SP)	
10	60	39	NA	0.0				Becomes dry	
				0.0			SP		
15	60	48	NA	0.0					
20	60	43	NA	0.0					

Completion Depth: **30.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Pat Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **Geoprobe 66DT**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: NE ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
GP-13

Start ng Date: 0/ 4/ 0
Comp et on Date: 0/ 4/ 0
Cas ng E evat on: Not_Insta ed
Ground E evat on: 443 55 (approx mate)

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):792979 52
E: (Y):232 7 3 77

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	60	46	NA	0.0			SP	Same: Medium dense, dry, fine grained SAND (SP)	
30								Bottom of boring at 30' bgs	Borehole backfilled with granular bentonite and topped with asphalt.
35									
40									
45									

Completion Depth: **30.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Pat Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **Geoprobe 66DT**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: NE ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
GP-14

Completion Date: 3/14/11
Casing Elevation: Not Installed
Ground Elevation: N/A

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
						ASPHALT	Asphalt	Air knife completed to 10' bgs to clear utilities
						FILL	Moist, brown, silt, with gravel (FILL)	
			0.0					
			0.0				Moist, dark brown to gray, low plasticity SILT (ML) with clay, trace sand	
			1.4					
			0.0				Clay increases	
5			0.0			ML		
			0.0				Becomes light brown, sandy silt with clay	
			0.0					
			0.4					
			0.9				Becomes with light tan sand, decreasing clay	
10			0.7			CL	Stiff, moist, dark brown, Silty CLAY (CL),	
	24	24	1.5					
			1.0			ML	Medium dense, moist, light brown, SILT (ML)	
			2.6				Medium dense, dry, light brown, fine grained, poorly graded, SAND (SP)	
	48	38					Black banding	
15			2.4					
			1.7					
	48	38				SP		
			1.4					
20			2.7				Becomes dense, moist, gray, banding grades out	
	48	39						
			7.8					
			3.2				With banding	

Completion Depth: **40.0 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push**
Logged by: **N. Satam**

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic
USC based on field visual observations

URS

URS (ENV RON) LOG 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING
GP-14

Completion Date: 3/14/11
Casing Elevation: Not Installed
Ground Elevation: N/A

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	36	2.8				Same: Dense, moist, gray, fine grained SAND (SP), with black banding Becomes medium grained, banding grades out	
			2.6				Becomes very dense, fine grained	
30	48	34	2.2				Becomes dense	
			3.8				With banding	
	48	48	6.0			SP	Becomes gray	
35			7.3				1" thick lense of coarse grained sand	
			9.8					
	48	44	7.2					
40			24				Becomes dark gray	
							Bottom of boring at 40' bgs	
45								

Completion Depth: **40.0 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push**
Logged by: **N. Satam**

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic
USC based on field visual observations

URS

URS (ENV RON) LOG 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING
GP-15

Completion Date: 3/14/11
Casing Elevation: Not Installed
Ground Elevation: N/A

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
						FILL	Gravel (FILL)	Air knife completed to 10' bgs to clear utilities
			0.0				Moist, dark brownish gray, Silty CLAY	
			0.0					
			34.5					
			18.1					
5							Moist, brown, poorly graded SAND (SP), with trace silt	
			7.4			SP		
			13.3				Becomes greenish gray	
			25.3					
			9.6					
			24.9					
10	24	14	21.5			SM	Medium dense, moist, brown, Silty SAND (SM)	
			4.5				Medium dense, moist, gray, fine grained, poorly graded, SAND (SP)	
	48	38					5" black banding	
15			5.7					
			10.2					
	48	30				SP		
			678					
20							Becomes dense	
			395					
	48	34						
			428					
							Becomes loose	

Completion Depth: **40.0 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push**
Logged by: **N. Satam**

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic
USC based on field visual observations

URS

URS (ENV RON) LOG 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING
GP-15

Completion Date: 3/14/11
Casing Elevation: Not Installed
Ground Elevation: N/A

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	32	620 844				Same: Loose, moist, gray, fine grained, poorly graded, SAND (SP)	
30	48	32	810 758					
35	48	32	915 910			SP		
40	48	34	945 140					
							Bottom of boring at 40' bgs	
45								

Completion Depth: **40.0 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push**
Logged by: **N. Satam**

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING
GP-16

Completion Date: 3/17/11
Casing Elevation: Not Installed
Ground Elevation: N/A

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
						FILL	Gravel (FILL)	Air knife completed to 10' bgs to clear utilities
			424			CL	Moist, dark brown to black, low plastic, CLAY (CL), with silt, trace sand	
			772				Medium dense, moist, brown, fine grained, poorly graded SAND (SP)	
			311					
			505				Trace silt	
5			180					
			326					
			265					
			367					
			347					
10	24	20	220				Becomes wet	
			107					
	48	36						
15			54					
			450				4" thick clay seam	
	48	36					Becomes silty	
			947				Silt grades out	
20			1037					
	48	35	947					
			927					
			927			SP		

Completion Depth: **44.0 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push**
Logged by: **N. Satam**

Water Depth: 40 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING
GP-16

Completion Date: 3/17/11
Casing Elevation: Not Installed
Ground Elevation: N/A

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	36	254 930				Same: Medium dense, moist, brown, fine grained SAND (SP), with black staining	
30	48	36	140 250					
35	48	36	82 1730			SP		
	48	35	645 110					
40	48	34	45 160				Becomes very dense, medium grained	
45							Bottom of boring at 44' bgs	

Completion Depth: **44.0 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push**
Logged by: **N. Satam**

Water Depth: 40 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic
USC based on field visual observations

URS

URS (ENV RON) LOG 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING
GP-17

Completion Date: 3/15/11
Casing Elevation: Not Installed
Ground Elevation: N/A

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
						FILL	Gravel (FILL)	Air knife completed to 10' bgs to clear utilities
			57.9				Becomes wet, brown, with silt	
			800			FILL	Grayish black silty clay, with fine sand	
5			185					
			391					
			229			SP	Medium dense, wet, grayish brown, fine grained, poorly graded SAND (SP)	
			271					
			191					
10	24	22	225				Becomes brown	
			380			SM	Wet, brown, Silty SAND (SM)	
	48	36				SP	Medium dense, moist, brown fine grained, poorly graded, SAND (SP)	
15			687				Becomes dense	
			716					
	48	32						
			1293					
20			1196					
	48	33						
			1274					
						CL	Stiff, wet, light brown, Silty CLAY (CL)	

Completion Depth: **40.0 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push**
Logged by: **N. Satam**

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic

USC based on field visual observations

URS

LOG OF BORING
GP-17

Completion Date: 3/15/11
Casing Elevation: Not Installed
Ground Elevation: N/A

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	35	16.5			CL	Same: Stiff, wet, light brown, Silty CLAY (CL)	
			32				Medium dense, moist, light brown, fine grained, poorly graded SAND (SP) 1" Silt seam 1" Clay seam	
30	48	36	5.9					
			5.7					
	48	36	3.5			SP		
35			4.0					
	48	36	8.3				Becomes very dense, gray, with black banding	
			79					
40							Bottom of boring at 40' bgs	
45								

Completion Depth: **40.0 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push**
Logged by: **N. Satam**

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic
USC based on field visual observations

URS

URS (ENV RON) LOG 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING
GP-18

Completion Date: 3/16/11
Casing Elevation: Not Installed
Ground Elevation: N/A

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
						FILL	Gravel (FILL)	Air knife completed to 10' bgs to clear utilities
			19.3			CL	Moist, dark brown, medium plastic, CLAY (CL) with silt, trace sand	
			10.9					
			14.0					
			15.0			SP	Moist, light brown, fine grained, poorly graded SAND (SP), with silty clay	
5			4.4				Becomes silty	
			10.2					
			6.4					
			2.5				With light brown mottles	
			1.1					
10	48	1	8.5			CL	Soft, wet, brown, Silty CLAY (CL)	
			21			SP	Medium dense, moist, brown, fine grained, poorly graded SAND (SP)	
	48	18						
15			26					
			18				Becomes gray	
	48	35					Trace black banding	
			10				Becomes brown	
20								
			11.0					
	48	30						
			14.0					

Completion Depth: **44.0 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push**
Logged by: **N. Satam**

Water Depth: 40 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING
GP-18

Completion Date: 3/16/11
Casing Elevation: Not Installed
Ground Elevation: N/A

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	32	18.2			SP	Same: Medium dense, moist, brown, fine grained, poorly graded SAND (SP)	
			25					
							Becomes gray	
30	48	46	1450					
			46			CL	Soft, moist, gray, medium, plastic, CLAY (CL), with banding	
	48	36	21			SP	Medium dense, moist, light brown, fine grained, poorly graded SAND (SP)	
35			72					
	48	39	42				Black banding	
			96				▽	
40	48	38	1450				Becomes very dense, wet, black	
			3650				Becomes medium grained	
45							Bottom of boring at 44' bgs	

Completion Depth: **44.0 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push**
Logged by: **N. Satam**

Water Depth: 40 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING
GP-19

Completion Date: 3/17/11
Casing Elevation: Not Installed
Ground Elevation: N/A

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
						ASPHALT	Asphalt	Air knife completed to 10' bgs to clear utilities
						FILL	Gravel (FILL)	
			8.2			SM	Moist, dark brown to gray SAND (SM)	
5			18.6					
			28.9					
			6.2				Becomes wet	
			10.9				Becomes greenish/gray	
			20.4				With light brown mottling	
10	24	1	5.3			SP	Medium dense, wet, brown, fine grained, poorly graded SAND (SP), with silt	
			14.5				Becomes light brown, silt grades out	
	48	36						
15			10.5					
	48	35	5.6					
			4.0					
20	48	37	7.3					
			9.0					

Completion Depth: **44.0 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push**
Logged by: **N. Satam**

Water Depth: 40 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/23/11

LOG OF BORING
GP-19

Completion Date: 3/17/11
Casing Elevation: Not Installed
Ground Elevation: N/A

Coordinates
Northing: N/A
Easting: N/A

Depth In feet	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
	48	34	15 33				Same: Medium dense, wet, brown, fine grained, poorly graded Silty SAND (SP)	
30	48	33	14 34					
35	48	34	4.2 4.6			SP		
	48	34	3.2 6.4					
40	48	36	1475 1650				▽ Becomes very dense, medium grained Black staining	
45							Bottom of boring at 44' bgs	

Completion Depth: **44.0 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push**
Logged by: **N. Satam**

Water Depth: 40 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic
USC based on field visual observations

URS

URS (ENV RON) LOG 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/23/11

LOG OF BORING
GP-14

Start ng Date: 2/ 8/ 2
Comp et on Date: 2/ 8/ 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 432 60

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 845 34
E: (Y):232 859 6

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							TOPSOIL	Topsoil	Air knifed to 11' bgs to clear utilities.
							FILL	Asphalt rubble (FILL)	
5								With sand and gravel	
				55.9					
10									
	24	24		4.5 7.5				Stiff, moist, dark gray CLAY (FILL)	
									Sampled GP-14-13 for VOC at 0935
15	60	58		0.5 0.6			CL	Stiff, moist, gray, low plastic CLAY (CL), with brown mottles	
				0.3					
20	60	55		0.2 0.2				Becomes dark brown, mottles grade out	
								Becomes sandy	

Completion Depth: 48.0 Ft bgs
Project No.: 21562850.15000
Project Name: Public Works Soil Sampling
Drilling Contractor: Roberts Environmental Drilling Inc.
Driller Name: P. Seymour
Drilling Method: Direct Push
Drill Rig Type: 8040 DT
Logged by: E. Arthur, W. Pennington
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD080012305

Water Depth: 30.5 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

URS

USC based on field visual observations

URS (ENVIRON) LOG (EPA FORMAT) 21562850.15000 (ROXANA GP 2013).GPJ URSSTLEV.GDT 2/15/13

LOG OF BORING
GP-14

Start ng Date: 2/ 8/ 2
Comp et on Date: 2/ 8/ 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 432 60

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 845 34
E: (Y):232 859 6

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	60	48		142.8				Same: Stiff, moist, dark brown, low plastic, Sandy CLAY (CL)	
				133.5				Medium dense, moist, brown and gray, fine to medium grained SAND (SP)	
								2.5" gray clay seam	Sudan field screening at 27 ft (white)
								Becomes brown	
				154.2					Sudan field screening at 29 ft (white)
30	60	50		576				▽ Becomes wet, medium to coarse grained	
				1,157					Sudan field screening at 33 ft (pink) Sampled GP 14-33 for VOC at 0940
35	60	58		891			SP		Sudan field screening at 35 ft (white)
				617					
								Becomes gray brown	
				846					Sudan field screening at 39 ft (pink)
40	60	51		100.3					Sample GP 14-39 for VOC at 1005
				20.7					
45	60	59		24.0					Sudan field screening at 45 ft (white) Sampled GP-14-45 for VOC at 0945
				23.7					
								Bottom of boring at 48 ft. bgs	

Completion Depth: **48.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Public Works Soil Sampling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 30.5 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

URS

USC based on field visual observations

URS (ENVIRON) LOG (EPA FORMAT) 21562850.15000 (ROXANA GP 2013).GPJ URSSTLEV.GDT 2/15/13

LOG OF BORING
GP-15

Start ng Date: 2/ 8/ 2
Comp et on Date: 2/2 / 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 434 80

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 855 66
E: (Y):232 964 39

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							FILL	Sand and gravel (FILL) Clayey SAND (FILL)	Air knifed to 10' bgs to clear utilities.
							CL	Soft, moist, brown Silty CLAY (CL)	
5							ML	Moist, dark gray Clayey SILT (ML)	Hydrocarbon odor 3-10 ft.
							SP	Moist, dark gray, fine grained SAND (SP)	
10	36	36		677 2,232			CL	Soft to medium stiff, moist, dark gray with brown, low plastic CLAY (CL), with sand Becomes sandy	
								Medium dense, moist, gray, fine to medium grained SAND (SP)	Sudan field screening at 13 ft (red)
15	60	42		2,881 1,647			SP	Becomes brown, medium to coarse grained	
20	60	48		8,027 4,622 245.4					Sudan field screening at 19 ft (red) Sampled GP-15-19 for VOC at 1235 Sudan field screening at 21 ft (red) Sudan field screening at 23 ft (white)

Completion Depth: **93.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Public Works Soil Sampling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 33 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

URS

USC based on field visual observations

URS (ENVIRON) LOG (EPA FORMAT) 21562850.15000 (ROXANA GP 2013).GPJ URSSTLEV.GDT 2/15/13

LOG OF BORING
GP-15

Start ng Date: 2/ 8/ 2
Comp et on Date: 2/2 / 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 434 80

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 855 66
E: (Y):232 964 39

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	60	48		2,561				Same: Medium dense, moist, brown, medium to coarse grained SAND (SP)	Sudan field screening at 25 ft (red)
				102.9					
				56.0					Sudan field screening at 29 ft (white)
30	60	48							Sampled GP-15-29 for VOC at 1240
				1,360					
				1,192				▽ Becomes wet	
35	60	52		1,051					
				15,000+			SP		Sudan field screening at 37 ft (red)
									Sampled GP-15-37 for VOC at 1230
				15,000+				Becomes medium dense to dense	
40	60	60							
				7,661					
				10,691					
45	60	52		15,000+					
				15,000+					Sudan field screening at 47 ft (white)
									Sampled GP-15-47 for VOC at 1410
				1,654					

Completion Depth: 93.0 Ft bgs
Project No.: 21562850.15000
Project Name: Public Works Soil Sampling
Drilling Contractor: Roberts Environmental Drilling Inc.
Driller Name: P. Seymour
Drilling Method: Direct Push
Drill Rig Type: 8040 DT
Logged by: E. Arthur, W. Pennington
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD080012305

Water Depth: 33 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

URS

USC based on field visual observations

URS (ENVIRON) LOG (EPA FORMAT) 21562850.15000 (ROXANA GP 2013).GPJ URSSTLEV.GDT 2/15/13

LOG OF BORING
GP-15

Start ng Date: 2/ 8/ 2
Comp et on Date: 2/2 / 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 434 80

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 855 66
E: (Y):232 964 39

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	60	54		4,220 337.7				Same: Medium dense to dense, wet, brown, medium to coarse grained SAND (SP)	
55	60	50		1,124 398.3					Sudan field screening at 55 ft (red) Sampled GP-15-55 for VOC at 1415
60	60	42		3,658 1,994			SP		
65	60	46		1,593 1,275 19.6					
70	60	50		233.1 78.0 132.6					Sampling to 68 ft bgs performed on 12/18/12. Sampling below 68 ft bgs performed on 12/21/12. Sudan field screening at 69 ft (white) Sudan field screening at 74 ft (white) Sampled GP-15-74 for VOC at 0950

Completion Depth: **93.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Public Works Soil Sampling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 33 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

URS

USC based on field visual observations

URS (ENVIRON) LOG (EPA FORMAT) 21562850.15000 (ROXANA GP 2013).GPJ URSSTLEV.GDT 2/15/13

LOG OF BORING
GP-15

Start ng Date: 2/ 8/ 2
Comp et on Date: 2/2 / 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 434 80

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 855 66
E: (Y):232 964 39

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	60	54		132.6 46.3				Same: Medium dense to dense, wet, brown, medium to coarse grained SAND (SP)	
80	60	48		82.0 143.6 48.0				Becomes coarse grained, trace coarse gravel	
85	60	50		4.1 3.8			SP		
90	60	50		18.0 4.1 3.3					Sudan field screening at 89 ft (white) Sampled GP-15-89 for VOC at 1055
95								Bottom of boring at 93 ft bgs	

Completion Depth: 93.0 Ft bgs
Project No.: 21562850.15000
Project Name: Public Works Soil Sampling
Drilling Contractor: Roberts Environmental Drilling Inc.
Driller Name: P. Seymour
Drilling Method: Direct Push
Drill Rig Type: 8040 DT
Logged by: E. Arthur, W. Pennington
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD080012305

Water Depth: 33 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

URS

USC based on field visual observations

URS (ENVIRON) LOG (EPA FORMAT) 21562850.15000 (ROXANA GP 2013).GPJ URSSTLEV.GDT 2/15/13

LOG OF BORING
GP-16

Start ng Date: /3/ 3
Comp et on Date: /7/ 3
Cas ng E evat on: Not Insta ed
Ground E evat on: 435 60

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 856 28
E: (Y):2322057 92

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							FILL	Sand and gravel (FILL	Air knifed to 10' bgs to clear utilities.
							CL	Soft, dry to moist, light brown to brown, Silty CLAY (CL)	
5							SP	Loose to medium dense, moist, light brown, SAND (SP)	
10	36	36		0.4 0.7				Becomes moist, brown	
15	60	48		0.8 0.9				2" gray, low plastic clay seam	
20	60	50		6.1 6.3 11.6				Becomes medium grained	Sampled GP-16-23 for VOC at 1035

Completion Depth: 93.0 Ft bgs
Project No.: 21562850.15000
Project Name: Public Works Soil Sampling
Drilling Contractor: Roberts Environmental Drilling Inc.
Driller Name: P. Seymour
Drilling Method: Direct Push
Drill Rig Type: 8040 DT
Logged by: E. Arthur, W. Pennington
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD080012305

Water Depth: 36 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

URS

USC based on field visual observations

URS (ENVIRON) LOG (EPA FORMAT) 21562850.15000 (ROXANA GP 2013).GPJ URSSTLEV.GDT 2/15/13

LOG OF BORING
GP-16

Start ng Date: /3/ 3
Comp et on Date: /7/ 3
Cas ng E evat on: Not Insta ed
Ground E evat on: 435 60

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 856 28
E: (Y):2322057 92

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	60	54		7.3				Same: Loose to medium dense, moist, brown, medium grained SAND (SP)	
				35.8					
				38.7					
30	60	56		58.3				Becomes medium to coarse grained	
				69.3					
				12.7					
35	60	50						▽ Becomes wet	
				822.1			SP		Sudan field screening at 37 ft (white)
				6,421					
40	60	58		15,000+					Sudan field screening at 41 ft (white)
				15,000+					Sampled GP-16-42 for VOC at 1255
									Sudan field screening at 43 ft (white)
45	60	42		1,232					
				3,054					
				1,002					

Completion Depth: 93.0 Ft bgs
Project No.: 21562850.15000
Project Name: Public Works Soil Sampling
Drilling Contractor: Roberts Environmental Drilling Inc.
Driller Name: P. Seymour
Drilling Method: Direct Push
Drill Rig Type: 8040 DT
Logged by: E. Arthur, W. Pennington
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD080012305

Water Depth: 36 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

URS

USC based on field visual observations

URS (ENVIRON) LOG (EPA FORMAT) 21562850.15000 (ROXANA GP 2013).GPJ URSSTLEV.GDT 2/15/13

LOG OF BORING
GP-16

Start ng Date: /3/ 3
Comp et on Date: /7/ 3
Cas ng E evat on: Not Insta ed
Ground E evat on: 435 60

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 856 28
E: (Y):2322057 92

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	60	60		5,146				Same: Loose to medium dense, wet, brown, medium to coarse grained SAND (SP)	Sudan field screening at 51 ft (white) Sample GP-16-51 for VOC at 1430
				1,023					
55	60	36		892.3					
				1,299					Sudan field screening at 57 ft (white) Sampled GP-16-57 for VOC at 1530
				1,098					
60	60	48		1,150					
				413.2			SP		
				1,037					
65	60	52		751					Sudan field screening at 65 ft (white)
				1,288					
70	60	36		602.0					
				561.4					

Completion Depth: 93.0 Ft bgs
Project No.: 21562850.15000
Project Name: Public Works Soil Sampling
Drilling Contractor: Roberts Environmental Drilling Inc.
Driller Name: P. Seymour
Drilling Method: Direct Push
Drill Rig Type: 8040 DT
Logged by: E. Arthur, W. Pennington
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD080012305

Water Depth: 36 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

URS

USC based on field visual observations

URS (ENVIRON) LOG (EPA FORMAT) 21562850.15000 (ROXANA GP 2013).GPJ URSSTLEV.GDT 2/15/13

LOG OF BORING
GP-16

Start ng Date: /3/ 3
Comp et on Date: /7/ 3
Cas ng E evat on: Not Insta ed
Ground E evat on: 435 60

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 856 28
E: (Y):2322057 92

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	60	39		927.2				Same: Loose to medium dense, wet, brown, medium to coarse grained SAND (SP)	
				1,574					Sampling to 78 ft bgs performed on 1/3/13. Sampling below 78 ft bgs performed on 1/7/13. Sudan field screening at 77 ft (white) Sample GP-16-77 for VOC at 1605
80	60	30		15.0				Becomes loose, coarse grained, with coarse gravel	Large piece of gravel in sample liner
				10.8					Sudan field screening at 81 ft (white)
85	60	30		6.2			SP		
				12.0					
90	60	48		15.3					Sampled GP-16-91 for VOc at 1015
				13.0					
95								Bottom of boring at 93 ft bgs	

Completion Depth: 93.0 Ft bgs
Project No.: 21562850.15000
Project Name: Public Works Soil Sampling
Drilling Contractor: Roberts Environmental Drilling Inc.
Driller Name: P. Seymour
Drilling Method: Direct Push
Drill Rig Type: 8040 DT
Logged by: E. Arthur, W. Pennington
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD080012305

Water Depth: 36 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

URS

USC based on field visual observations

URS (ENVIRON) LOG (EPA FORMAT) 21562850.15000 (ROXANA GP 2013).GPJ URSSTLEV.GDT 2/15/13

LOG OF BORING
GP-17

Start ng Date: /7/ 3
Comp et on Date: /7/ 3
Cas ng E evat on: Not Insta ed
Ground E evat on: 436 00

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 838 03
E: (Y):2322 6 08

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
				4.4			FILL	Dark brown Sand and Gravel with asphalt [FILL]	Air knifed to 10' bgs to clear utilities.
				0.5					
				0.6			SP	Loose to medium dense, moist, brown, fine to medium grained SAND (SP)	
				0.4					
				0.8					
5				0.3					
				0.7					
				0.5					
				0.3					
				2.3					
10	36	36		1.0					
				413.3			CL	Soft, moist, gray, low plastic, Sandy CLAY (CL)	
							SP	Medium dense, moist, brownish gray, fine to medium grained SAND (SP)	Yellow/green staining of acetate sample liners, zipper bags and nitrile gloves observed (13 to 17 ft bgs).
15	60	54		13,261					Sudan field screening at 15 ft (red) Sampled GP-17-15 for VOC at 1325 (Dup)
				9,457					
				570.2					
20	60	48		1,570				Becomes gray	Sudan field screening at 21 ft (pink)
				95.5					

Completion Depth: 68.0 Ft bgs
Project No.: 21562850.15000
Project Name: Public Works Soil Sampling
Drilling Contractor: Roberts Environmental Drilling Inc.
Driller Name: P. Seymour
Drilling Method: Direct Push
Drill Rig Type: 8040 DT
Logged by: W. Pennington
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD080012305

Water Depth: 35 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

URS

USC based on field visual observations

URS (ENVIRON) LOG (EPA FORMAT) 21562850.15000 (ROXANA GP 2013).GPJ URSSTLEV.GDT 2/15/13

LOG OF BORING
GP-17

Start ng Date: /7/ 3
Comp et on Date: /7/ 3
Cas ng E evat on: Not Insta ed
Ground E evat on: 436 00

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 838 03
E: (Y):2322 6 08

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	60	54		41.8				Same: Medium dense, moist, grayish brown, fine to medium grained SAND (SP)	
				10.1					
				5.9					
30	60	54		6.9					Sudan field screening at 31 ft (white)
				4.9					
								Becomes medium grained	
35	60	48		29.3				Becomes wet ▽	
				85.2			SP		
				252.7				Becomes brown, medium to coarse grained	
40	60	60		713.7					
				12,610					Sudan field screening at 43 ft (red)
45	60	60		15,000+					Sudan field screening at 45 ft (white) Sampled GP-17-45 for VOC at 1355
				7,620					
				323.4					

Completion Depth: 68.0 Ft bgs
Project No.: 21562850.15000
Project Name: Public Works Soil Sampling
Drilling Contractor: Roberts Environmental Drilling Inc.
Driller Name: P. Seymour
Drilling Method: Direct Push
Drill Rig Type: 8040 DT
Logged by: W. Pennington
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD080012305

Water Depth: 35 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

URS

USC based on field visual observations

URS (ENVIRON) LOG (EPA FORMAT) 21562850.15000 (ROXANA GP 2013).GPJ URSSTLEV.GDT 2/15/13

LOG OF BORING
GP-17

Start ng Date: /7/ 3
Comp et on Date: /7/ 3
Cas ng E evat on: Not Insta ed
Ground E evat on: 436 00

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 838 03
E: (Y):2322 6 08

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	60	54		322.9 67.1				Same: Medium dense, wet, brown, medium to coarse grained SAND (SP)	
55	60	57		504.6 5,086					Sudan field screening at 57 ft (white) Sampled GP-17-57 for VOC at 1420
60	60	52		90.5 582.2 537.7			SP		Sudan field screening at 61 (white)
65	60	48		264.4 209.5				Becomes coarse grained, trace coarse gravel	Sampled GP-17-65 for VOC at 1435
70								Bottom of boring at 68 ft bgs	

Completion Depth: **68.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Public Works Soil Sampling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 35 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

URS

USC based on field visual observations

URS (ENVIRON) LOG (EPA FORMAT) 21562850.15000 (ROXANA GP 2013).GPJ URSSTLEV.GDT 2/15/13

LOG OF BORING
GP-18

Start ng Date: /8/ 3
Comp et on Date: /8/ 3
Cas ng E evat on: Not Insta ed
Ground E evat on: 436 80

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 846 8
E: (Y):2322247 67

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
				0.7			FILL	Sand, Gravel, and Silt [FILL]	Air knifed to 10' bgs to clear utilities.
				0.6			ML	Soft, moist, brown SILT (ML), some clay, with organics	
				0.7					
				1.0				Loose to medium dense, moist, brown, fine to medium grained SAND (SP)	
				0.2					
5				0.2					
				0.1					
				0.1					
				0.7					
				1.2					
10	36	36		2.1					
				1.5			SP		
15	60	42		2.3					
				2.8					
				2.0					
20	60	42		5.4					Sudan field screening at 21 ft (white) Sampled GP-18-21 for VOC at 0930
							CL	Soft, moist, gray, low plastic CLAY (CL)	
				2.8			SP	Loose to medium dense, moist, gray, medium grained SAND (SP)	

Completion Depth: 68.0 Ft bgs
Project No.: 21562850.15000
Project Name: Public Works Soil Sampling
Drilling Contractor: Roberts Environmental Drilling Inc.
Driller Name: P. Seymour
Drilling Method: Direct Push
Drill Rig Type: 8040 DT
Logged by: W. Pennington
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD080012305

Water Depth: 35 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

URS

USC based on field visual observations

URS (ENVIRON) LOG (EPA FORMAT) 21562850.15000 (ROXANA GP 2013).GPJ URSSTLEV.GDT 2/15/13

LOG OF BORING
GP-18

Start ng Date: /8/ 3
Comp et on Date: /8/ 3
Cas ng E evat on: Not Insta ed
Ground E evat on: 436 80

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 846 8
E: (Y):2322247 67

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	60	48		68.6				Same: Loose to medium dense, moist, gray, medium grained SAND (SP) 2" black banding	
				364.0					
				421.3					
30	60	45		611.7					
				15,000+				Becomes dense, grayish brown	
									Sudan field screening at 33 ft (red)
35	60	51		15,000+				Becomes wet ▽	
				15,000+			SP		Yellow/green staining of acetate sample liners, zipper bags and nitrile gloves observed (37 to 43 ft bgs)
				15,000+				Becomes fine to medium grained	Sudan field screening at 37 ft (red) Sampled GP-18-37 for VOC at 1010
40	60	58		15,000+					
				15,000+					
				15,000+				Becomes medium dense	Sudan field screening at 43 ft (red)
45	60	44		15,000+					
				15,000+					
				52.3					

Completion Depth: 68.0 Ft bgs
Project No.: 21562850.15000
Project Name: Public Works Soil Sampling
Drilling Contractor: Roberts Environmental Drilling Inc.
Driller Name: P. Seymour
Drilling Method: Direct Push
Drill Rig Type: 8040 DT
Logged by: W. Pennington
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD080012305

Water Depth: 35 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

URS

USC based on field visual observations

URS (ENVIRON) LOG (EPA FORMAT) 21562850.15000 (ROXANA GP 2013).GPJ URSSTLEV.GDT 2/15/13

LOG OF BORING
GP-18

Start ng Date: /8/ 3
Comp et on Date: /8/ 3
Cas ng E evat on: Not Insta ed
Ground E evat on: 436 80

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 846 8
E: (Y):2322247 67

Depth In feet	Inches Driven	Inches Recovered	Blow Counts	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	60	54		523.7 5,474				Same: Medium dense, wet, grayish brown, fine to medium grained SAND (SP)	Sudan field screening at 53 ft (white) Sampled GP-18-53 for VOC at 1325
55	60	48		1,971 4,317					
				340.4			SP	Becomes coarse grained	
60	60	44		414.3 463.5				Becomes with coarse gravel	
65	60	30		65.8 17.3					Sudan field screening at (white) Sampled GP-18-63 for VOC at 1405
								Bottom of boring at 68 ft bgs	
70									

Completion Depth: **68.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Public Works Soil Sampling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 35 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

URS

USC based on field visual observations

URS (ENVIRON) LOG (EPA FORMAT) 21562850.15000 (ROXANA GP 2013).GPJ URSSTLEV.GDT 2/15/13

LOG OF BORING
MW-6D

Start ng Date: 0/2 / 0
Comp et on Date: 0/26/ 0
Cas ng E evat on: 43 99
Ground E evat on: 432 54

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):79 594 4
E: (Y):232209 25

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
5								Refer to log of boring B 6 in the Subsurface Investigation Report (dated January 21, 2009) for the lithology of the top 50'.	Borehole advanced to depth of 10' via air knife to clear utilities.
10									
15									
20									

Completion Depth: **114.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Pat Seymour**
Drilling Method: **HSA 4.25" ID**
Drill Rig Type: **CME 75**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-6D

Start ng Date: 0/2 / 0
Comp et on Date: 0/26/ 0
Cas ng E evat on: 43 99
Ground E evat on: 432 54

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):79 594 4
E: (Y):232209 25

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
								Refer to log of boring B 6 in the Subsurface Investigation Report (dated January 21, 2009) for the lithology of the top 50'.	
30									
35									
40									
45									

Completion Depth: **114.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Pat Seymour**
Drilling Method: **HSA 4.25" ID**
Drill Rig Type: **CME 75**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-6D

Start ng Date: 0/2 / 0
Comp et on Date: 0/26/ 0
Cas ng E evat on: 43 99
Ground E evat on: 432 54

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):79 594 4
E: (Y):232209 25

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	24	24	1 3 3 6	0.1 0.0				Loose to medium dense, wet, brown, fine to medium grained SAND (SP)	
	24	24	2 3 4 5	0.5 0.7					
55	24	24	1 3 5 7	0.8 2.2					
	24	8	3 11 19 21	0.3 0.4				Becomes dense, trace black gravel	
	24	5	4 10 22 21	0.5 0.4					
60	24	8	9 14 23 27	0.3 0.3					
	21	21	13 14 18 28	0.7			SP		
	24	23	8 14 22 28	0.5 0.6				Becomes fine to coarse grained	
65	24	16	8 13 27 32	0.8 1.8				Trace gravel	
	24	6	7 19 48 34						
70	24	0	13 19 36 19						
	24	22	2 9 19 33						
	24	23	4 9	0.3					

Completion Depth: **114.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Pat Seymour**
Drilling Method: **HSA 4.25" ID**
Drill Rig Type: **CME 75**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-6D

Start ng Date: 0/2 / 0
Comp et on Date: 0/26/ 0
Cas ng E evat on: 43 99
Ground E evat on: 432 54

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):79 594 4
E: (Y):232209 25

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
			16 26	0.4				Same: Dense, wet, brown, fine to coarse grained SAND (SP), trace gravel	
	24	1	10 16 16 24	0.2					
	24	0	9 15 21 36	0.2				Gravel grades out	
80	24	0	8 12 17 31						
	24	0	5 6 10 12						
	24	22	14 11 15 16	0.0 0.1 0.0				2" sandy silt seam Becomes medium dense, fine to medium grained	
85								Becomes medium to coarse grained	
	24	24	9 9 12 24	0.1 0.4 0.9			SP	Becomes loose Becomes fine to medium grained Becomes medium dense, medium to coarse grained	
	24	0	37 23 18 21						
90	24	0	3 9 12 14						
	24	22	14 12 21 24	0.9 1.3				Becomes fine to medium grained Becomes fine to coarse grained	
95	24	24	15 16 15 12	1.1 1.1				Becomes medium to coarse grained	
	24	24	8 15 26 25	1.4 1.3					
	24	24	31 19 18 23	1.4 1.3					

Completion Depth: **114.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Pat Seymour**
Drilling Method: **HSA 4.25" ID**
Drill Rig Type: **CME 75**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-6D

Start ng Date: 0/2 / 0
Comp et on Date: 0/26/ 0
Cas ng E evat on: 43 99
Ground E evat on: 432 54

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):79 594 4
E: (Y):232209 25

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	24	0	10 13 17 15					Same: Medium dense, wet, brown, medium to coarse grained SAND (SP)	
	24	18	5 8 8 9					Becomes fine to coarse grained	
105	24	0	8 13 13 29				SP		
	24	24	12 9 12 19	1.1 1.3				Becomes dense, medium to coarse grained	
	24	18	5 7 14 17	1.8 1.8				Becomes fine to medium grained, trace coarse sand	
110	24	24	7 13 21 27	2.8 4.2			CL	Stiff, moist, dark gray, medium plastic CLAY, with trace medium to coarse sand	
	24	2	21 22 30 48						
115								Bottom of boring at 114' bgs This boring log also used for installation of adjacent wells MW 6B and MW 6C with screen intervals based on the ground surface at the time of drilling of 65' to 70' bgs and 80' to 85' bgs, respectively. Survey data of the existing ground surface shows the screen intervals from 64.05' to 69.05' bgs and 84.95' to 89.95' bgs, respectively.	Monitoring well installed. Screened interval based on the ground surface at the time of installation was 105' to 110' bgs. Survey data of the existing ground surface shows the screen interval from 104.72' to 109.72' bgs
120									

Completion Depth: **114.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Pat Seymour**
Drilling Method: **HSA 4.25" ID**
Drill Rig Type: **CME 75**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
B-7

Completion Date: 7/9/09
Casing Elevation: 443.10
Ground Elevation: 443.46

Coordinates
Northing:792024.62
Easting:2322181.25

Depth In feet	Well Construction (MW-7)	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
								Not logged	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with 4.25" HSA
5		24	18	0.4				Loose, moist, brown, fine to medium grained, SAND (SP)	
		24	12	0.3					
10		24	12	0.3					
		24	18	0.3				Becomes medium dense	
		24	18	0.2					
15		24	18	0.2			SP		
		24	20	0.2				1" sandy clay Becomes grayish brown	
20		24	22	0.1					
		24	20	0.1					
		24	18	0.1					

Completion Depth: 55.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: P. Seymour
Logged by: M. Corbett/W. Pennington

URS

Water Depth: 45 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON) LOG+1 WELL 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
B-7

Completion Date: 7/9/09
Casing Elevation: 443.10
Ground Elevation: 443.46

Coordinates
Northing:792024.62
Easting:2322181.25

Depth In feet	Well Construction (MW-7)	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
		24	20	6.7				SAME: Medium dense, moist, grayish brown, fine to medium grained, SAND (SP)	
								1" clay	
		24	18	17.8					
30		24	20	19.2					
		24	20	84.7					
		24	15	376					
35		24	18.5	229					
		24	6	16.9			SP		Very hard drilling at 37'
		24	21	351				2" black bands	
40								Becomes gray	
		24	20.5	658				2" coal	
		24	16	2605				Becomes grayish brown	
45									▽
		24	20	9999				Becomes wet, medium grained, with fine grains	
								Becomes dense	
		24	0.5	4958				Becomes medium dense	
		24	14.5	3186				Becomes loose, gray, some coarse grains, trace gravel	

Completion Depth: 55.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: P. Seymour
Logged by: M. Corbett/W. Pennington

URS

Water Depth: 45 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON) LOG+1 WELL 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
B-7

Completion Date: 7/9/09
Casing Elevation: 443.10
Ground Elevation: 443.46

Coordinates
Northing:792024.62
Easting:2322181.25

Depth In feet	Well Construction	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	MW-7							Becomes medium dense	
		24	16	1015			SP	Becomes dense	End split spoon sampling at 53' bgs. Blind drill to 55' bgs
55								Bottom of boring at 55' bgs	Bottom of boring at 55' bgs at time of drilling. Monitoring well installed Screened interval based on the ground surface at the time of installation was 43' to 53' bgs (shown) Survey data of the existing ground surface shows the screen interval from 43.28' to 53.28' bgs
60									
65									
70									

Completion Depth: 55.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: P. Seymour
Logged by: M. Corbett/W. Pennington

URS

Water Depth: 45 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON) LOG+1 WELL 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
B-8

Completion Date: 7/6/09
Casing Elevation: 434.11
Ground Elevation: 434.40

Coordinates
Northing:791930.86
Easting:2321984.79

Depth In feet	Well Construction (MW-8)	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
								Not logged	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with 4.25" HSA
5		24	12	0.2				Loose to medium dense, moist, brown, fine to medium grained, SAND (SP)	
		24	24	0.2					
10		24	18	0.1					
		24	18	0.4				Becomes grayish brown	
		24	20	1.4					
15		24	12	22.1			SP		
		24	12	29.8					
20		24	16	112					
		24	20	75.0					
		24	18	271				Becomes medium dense to dense, gray, trace black banding	

Completion Depth: 44.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: P. Seymour
Logged by: W. Pennington/C. Smith

URS

Water Depth: 35 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON) LOG+1 WELL 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
B-8

Completion Date: 7/6/09
Casing Elevation: 434.11
Ground Elevation: 434.40

Coordinates
Northing:791930.86
Easting:2321984.79

Depth In feet	Well Construction	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
	MW-8								
		24	18	729				SAME: Medium dense to dense, moist, gray, fine to medium grained, SAND (SP), trace black banding	
		24	20	1437					
30		24	20	1179					
		24	18	4002					
		24	20	3439			SP		
35		24	18	491				Becomes wet	▽
									End split spoon sampling at 37' bgs. Blind drill to 44' bgs
40									
45								Bottom of boring at 44' bgs	Bottom of boring at 44' bgs at time of drilling. Monitoring well installed Screened interval based on the ground surface at the time of installation was 33.5' to 43.5' bgs (shown) Survey data of the existing ground surface shows the screen interval from 33.50' to 43.60' bgs

Completion Depth: 44.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: P. Seymour
Logged by: W. Pennington/C. Smith

URS

Water Depth: 35 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
USC based on field visual observations

URS (ENVIRON) LOG+1 WELL 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING
MW-9

Start ng Date: 0/28/ 0
Comp et on Date: / / 0
Cas ng E evat on: 445 20
Ground E evat on: 445 62

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):794065 90
E: (Y):232 747 70

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt	Borehole advanced to depth of 10' via air knife to clear utilities. Soil cuttings from air knife were used to log the upper portion of the borehole.
								Brown, sandy clay with gravel (FILL)	
5							FILL		
								Dense, dry, brown, Silty SAND (SM)	
10	24	14	NA	0.0			SM		
				0.2					
	48	32	NA						
15				0.8					
				0.5				Dense, dry, brown, fine grained Silty SAND (SP SM)	
	48	34	NA					Becomes medium dense	
				0.3			SP-SM		
20									
	48	32	NA						
								Dense, moist, brown, fine grained SAND (SP)	
							SP		

Completion Depth: 56.00 Ft bgs
Project No.: 21562291
Project Name: Route 111/Rand Avenue Vicinity
Drilling Contractor: Roberts Environmental Drilling, Inc.
Driller Name: Pat Seymour
Drilling Method: Macro Core TM Sampler
Drill Rig Type: VTR 9700
Logged by: N. Satam
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD080012305

Water Depth: 40 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-9

Start ng Date: 0/28/ 0
Comp et on Date: / / 0
Cas ng E evat on: 445 20
Ground E evat on: 445 62

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):794065 90
E: (Y):232 747 70

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	48	32	NA	0.6 1.2				Same: Dense, moist, brown, fine grained SAND (SP)	
30	48	32	NA	0.7 1.1			SP	2" Silt seam Becomes fine to medium grained	
	48	32	NA	0.4 2.0			CL	Soft, wet, low plastic CLAY (CL), some silt	
35								Loose, moist, brown, medium grained SAND (SP)	
	48	32	NA	1.9 2.0					
40	48	30	NA	2.2 0.9			SP	▽ Becomes wet Becomes medium to coarse grained	
45	48	48	NA	1.8 1.2			CL	Soft, moist, medium plastic CLAY (CL)	
	48	48	NA	1.7				Becomes medium stiff, wet, silty	

Completion Depth: **56.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Pat Seymour**
Drilling Method: **Macro Core TM Sampler**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 40 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-9

Start ng Date: 0/28/ 0
Comp et on Date: / / 0
Cas ng E evat on: 445 20
Ground E evat on: 445 62

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):794065 90
E: (Y):232 747 70

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
				1.8				Medium dense, wet, brown, fine grained SAND (SP), trace silt 1" silt seam Becomes fine to medium grained	
	48		NA	1.5			SP		
55									
								Bottom of boring at 56' bgs	Monitoring well installed. Screened interval based on the ground surface at the time of installation was 46.5' to 56.5' bgs. Survey data of the existing ground surface shows the screen interval from 46.45' to 56.45' bgs
60									
65									
70									

Completion Depth: **56.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Pat Seymour**
Drilling Method: **Macro Core TM Sampler**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 40 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-10

Start ng Date: 0/20/ 0
Comp et on Date: 0/20/ 0
Cas ng E evat on: 445 03
Ground E evat on: 445 57

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):794066 09
E: (Y):23222 2 72

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt	Borehole advanced to depth of 5.5' via air knife to clear utilities. Soil cuttings from air knife were used to log the upper portion of the borehole.
							FILL	Loose, brown, silty sand (FILL)	
5	48	32	NA	0.0			ML	Dense, moist, brown, SILT (ML) Becomes trace fine SAND 3" loose, coarse sand seam	
10	48	36	NA	4.0 3.8			SM	Medium dense, dry, brown, silty SAND (SM)	
15	48	36	NA	4.2 3.8					
	48	38	NA	5.5 23.0 11				Becomes moist Becomes olive brown	
20	48	38	NA	11 17.0			SP	Medium dense, dry, brown, fine to medium grained SAND (SP) Becomes trace silt Becomes fine grained, silt grades out	
				8					

Completion Depth: **56.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Pat Seymour**
Drilling Method: **Macro Core TM Sampler**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 41 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-10

Start ng Date: 0/20/ 0
Comp et on Date: 0/20/ 0
Cas ng E evat on: 445 03
Ground E evat on: 445 57

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):794066 09
E: (Y):23222 2 72

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	48	36	NA	2.5				Same: Medium dense, dry, brown, fine to medium grained SAND (SP)	
								Becomes medium grained	
								Becomes loose	
30	48	36	NA	2.8					
				3.2					
	48	35	NA						
35				5.0					
				6.2					
	48	34	NA				SP		
				8.0					
40								Becomes moist	
				22				Becomes wet	
	48	48	NA	38					
				54					
45									
	48	48	NA	34					
	48	24	NA	18					

Completion Depth: **56.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Pat Seymour**
Drilling Method: **Macro Core TM Sampler**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 41 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-10

Start ng Date: 0/20/ 0
Comp et on Date: 0/20/ 0
Cas ng E evat on: 445 03
Ground E evat on: 445 57

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):794066 09
E: (Y):23222 2 72

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
				8.5				Same: Loose, wet, brown, medium grained, SAND (SP)	
				6.5					
	48	0	NA				SP		Unable to recovery any soil within sample liner.
55									
								Bottom of boring at 56' bgs	Monitoring well installed. Screened interval based on the ground surface at the time of installation was 44.5' to 54.5' bgs. Survey data of the existing ground surface shows the screen interval from 44.43' to 54.43' bgs.
60									
65									
70									

Completion Depth: **56.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Pat Seymour**
Drilling Method: **Macro Core TM Sampler**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 41 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-11

Start ng Date: 0/ 4/ 0
Comp et on Date: 0/ 4/ 0
Cas ng E evat on: 442 33
Ground E evat on: 442 74

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):793440 27
E: (Y):232 77 09

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt	Borehole advanced to depth of 10' via air knife to clear utilities. Soil cuttings from air knife were used to log the upper portion of the borehole.
							FILL	Loose, moist, brown, silty sand (FILL), trace gravel	
5							ML	Medium dense, moist, brown, sandy SILT (ML)	
10	24	16	2 2 4 11	7.2			SP	Loose to medium dense, moist, tan, fine grained SAND (SP)	
	24	18	15 35 47 51	6.1				Becomes very dense	
15	24	22	2 4 5 7	7.5				Becomes loose	
	24	24	3 5 5 4	10.4				Becomes wet	
	24	24	3 3 4 21	9.1			SM	Soft, wet, brown, silty SAND (SM)	
20							ML	Grading to soft, wet, brown, sandy SILT (ML)	
	24	22	3 4 4 6	8.3 6.4			CL	Soft, wet, dark brown, sandy CLAY (CL)	
	24	24	4 5 7 8	26.8			SP	Medium dense, dry, brown, fine grained SAND (SP) Becomes gray	
	24	22	5 7	7.9					

Completion Depth: **52.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Joe Cox**
Drilling Method: **HSA 4.25" ID**
Drill Rig Type: **CME 75**
Logged by: **M. Miller**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 36 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-11

Start ng Date: 0/ 4/ 0
Comp et on Date: 0/ 4/ 0
Cas ng E evat on: 442 33
Ground E evat on: 442 74

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):793440 27
E: (Y):232 77 09

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
			9 10					Same: Medium dense, dry, gray, fine grained SAND (SP)	
	24	24	3 5 7 7	24.2				Becomes moist	
	24	24	4 5 9 10	39.8					
30	24	24	4 8 10 12	17.8					
	24	24	4 7 7 10	58.5				Becomes fine to medium grained	
35	24	24	3 7 9 12	53.6					
	24	24	5 8 12 17	36.9			SP	Becomes wet ▽	
	24	24	2 8 15 14	130					
40	24	24	5 9 11 13	47.1					
	24	24	2 8 11 15	42					
45	24	24	4 8 12 16	13.8					
	24	16	5 10 16 14	15.2				Becomes dense, medium to coarse grained	
	24	24	8 20 37 41					Becomes very dense	

Completion Depth: **52.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Joe Cox**
Drilling Method: **HSA 4.25" ID**
Drill Rig Type: **CME 75**
Logged by: **M. Miller**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 36 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-11

Start ng Date: 0/ 4/ 0
Comp et on Date: 0/ 4/ 0
Cas ng E evat on: 442 33
Ground E evat on: 442 74

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):793440 27
E: (Y):232 77 09

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	24	24	4 15 21 32	10.1			SP	Same: Very dense, wet, gray, medium to coarse grained SAND (SP)	
55								Bottom of boring at 52' bgs	Monitoring well installed. Screened interval based on the ground surface at the time of installation was 41' to 51' bgs. Survey data of the existing ground surface shows the screen interval from 41.66' to 51.66' bgs.
60									
65									
70									

Completion Depth: **52.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Joe Cox**
Drilling Method: **HSA 4.25" ID**
Drill Rig Type: **CME 75**
Logged by: **M. Miller**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 36 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

USC based on field visual observations

URS

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-12

Start ng Date: 0/ 8/ 0
Comp et on Date: 0/ 8/ 0
Cas ng E evat on: 442 60
Ground E evat on: 443

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):792845 49
E: (Y):232 746 32

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt	Borehole advanced to depth of 5' via air knife to clear utilities. Soil cuttings from air knife were used to log the upper portion of the borehole.
							FILL	Brown, silty clay (FILL), with gravel	
								Dense, moist, brown, silty CLAY (CL)	
5	48	26	NA	.01 0.1			CL	Becomes soft	
								Becomes trace fine sand	
				0.0				Loose, moist to dry, fine to medium grained SAND (SP)	
10	48	26	NA	0.0					
				0.0					
15	48	33	NA	0.0					
				0.0			SP		
20	48	32	NA	0.0					
				0.1					
	48	33	NA	0.0					
				0.1					

Completion Depth: 52.00 Ft bgs
Project No.: 21562291
Project Name: Route 111/Rand Avenue Vicinity
Drilling Contractor: Roberts Environmental Drilling, Inc.
Driller Name: Pat Seymour
Drilling Method: Macro Core TM Sampler
Drill Rig Type: VTR 9700
Logged by: N. Satam
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD080012305

Water Depth: 44.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-12

Start ng Date: 0/ 8/ 0
Comp et on Date: 0/ 8/ 0
Cas ng E evat on: 442 60
Ground E evat on: 443

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):792845 49
E: (Y):232 746 32

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	48	32	NA	0.5				Same: Loose, moist to dry, fine to medium grained SAND (SP)	
				0.3				Becomes light brown	
				0.2					
30	48	32	NA	0.1					
				0.4					
	48	32	NA						
35				0.1				Becomes dry	
				0.1					
	48	34	NA				SP		
				0.1					
40				0.1				Becomes moist, trace gravel	
	48	38	NA					Becomes moist to wet	
				0.6					
								▽ Becomes wet	
45				0.2					
	48	48	NA					3" fine grained sand seam	
				0.1				Becomes dense, medium to coarse grained	
	48	48	NA	0.0					

Completion Depth: **52.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Pat Seymour**
Drilling Method: **Macro Core TM Sampler**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 44.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-12

Start ng Date: 0/ 8/ 0
Comp et on Date: 0/ 8/ 0
Cas ng E evat on: 442 60
Ground E evat on: 443

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):792845 49
E: (Y):232 746 32

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							SP	Same: Dense, wet, light brown, medium to coarse grained SAND (SP)	
55								Bottom of boring at 52' bgs	Monitoring well installed. Screened interval based on the ground surface at the time of installation was 42' to 52' bgs. Survey data of the existing ground surface shows the screen interval from 41.92' to 51.92' bgs
60									
65									
70									

Completion Depth: **52.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Pat Seymour**
Drilling Method: **Macro Core TM Sampler**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 44.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-13

Start ng Date: 2/ / 0
Comp et on Date: 2/3/ 0
Cas ng E evat on: 430 27
Ground E evat on: 430 79

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):79 574 95
E: (Y):232 696 95

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							FILL	White crushed limestone gravel	Borehole advanced to depth of 10' via air knife to clear utilities. Soil cuttings from air knife were used to log the upper portion of the borehole.
							FILL	Soft, moist, dark gray, medium plastic, Silty CLAY (CL), with gravel	
5							FILL	With cinders, bricks, rocks	
								Soft, moist, dark gray, Silty CLAY (CL),	
10	24	15	0 1 2 3	11.9			CL		
	24	15	1 3 4 4	20.6				Becomes medium stiff, with olive gray mottling	
15	24	24	2 2 3 5	2.7				Increasing silt	
	24	10	3 5 7 9	0.7			SC/SM	Medium dense, moist, dark gray, Clayey SAND (SC), to Silty SAND (SM)	
	24	15	4 4 6 8	2.5			SP	Loose to medium dense, moist, dark gray, poorly graded SAND (SP)	
20	24	12	5 6 8 7	258			SM	Medium dense, moist, brownish yellow, Silty SAND (SM)	Petroleum like odor
	24	20	0 0 1 4	5.1			ML	Very soft, moist, dark gray, Clayey SILT (ML) ▽	
			3 5				SP	Medium dense, wet, dark gray, poorly graded, medium grained SAND (SP)	

Completion Depth: **36.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Brian Schilling**
Drilling Method: **HSA 4.25" ID**
Drill Rig Type: **CME 55**
Logged by: **E. Fritsch**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 24 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-13

Start ng Date: 2/ / 0
Comp et on Date: 2/3/ 0
Cas ng E evat on: 430 27
Ground E evat on: 430 79

Quadrangle
Sec:34 00
T:T5N
R:R9W
UTM (or State Plane) Coord
N: (X):79 574 95
E: (Y):232 696 95

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	24	16	6 8	6.9				Same: Medium dense, wet, dark gray, poorly graded, medium grained SAND (SP)	
	24	18	8 10 11 13	2.6					
	24	18	1 5 15 18	10.1					
30	24	16	3 6 7 18	10.8			SP		
	24	12	6 11 15 30	2.7				Trace fine gravel	
35	12	12	20 50 > 50	0.1				Becomes dense to very dense, gravel grades out	
								Bottom of boring at 36' bgs	Monitoring well installed. Screened interval based on the ground surface at the time of installation was 25' to 35' bgs. Survey data of the existing ground surface shows the screen interval from 25.57' to 35.57' bgs
40									
45									

Completion Depth: **36.00 Ft bgs**
Project No.: **21562291**
Project Name: **Route 111/Rand Avenue Vicinity**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **Brian Schilling**
Drilling Method: **HSA 4.25" ID**
Drill Rig Type: **CME 55**
Logged by: **E. Fritsch**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD080012305**

Water Depth: 24 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
Air Rotary
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562291 00007 GPJ URSS LEV GD 12/22/10

LOG OF BORING
MW-16

Start ng Date: 2/4/ 2
Comp et on Date: 2/5/ 2
Cas ng E evat on: 443 39
Ground E evat on: 443 76

Quadrangle
Sec:34 (E - center of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792976 80
E: (Y):232203 87

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt cover	Air knifed to 10' bgs to clear utilities.
							CL	Stiff, moist, brown, Silty CLAY (CL)	
5									
							ML	Dense, moist, brown, Clayey SILT (ML) Becomes wet	
							SM	Dense, moist, brown, fine grained, Silty SAND (SM)	
10	36	36		0.2 0.2			SP	Loose to medium dense, moist to dry, brown, fine to medium grained SAND (SP)	
15	60	45		0.3 0.2					Sample MW 16 14 for VOC at 1440
20	60	47		0.3 0.2 0.1					
				0.2					

Completion Depth: **49.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **R. Hart, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 41.5 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013) GPJ URSS LEV GD 2/6/13

LOG OF BORING
MW-16

Start ng Date: 2/4/ 2
Comp et on Date: 2/5/ 2
Cas ng E evat on: 443 39
Ground E evat on: 443 76

Quadrangle
Sec:34 (E - center of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792976 80
E: (Y):232203 87

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	60	45		0.1				Same: Loose to medium dense, moist to dry, brown, fine to medium grained SAND (SP)	
								Trace black banding (1 ft)	Sample MW 16 27 for VOC at 1450
				0.2				Becomes moist, medium to coarse grained	
30	60	52		0.1					
				0.1					
				0.2					
35	60	47		0.2			SP	Trace black banding (6")	Sample MW 16 37 for VOC at 1455
				0.2					
				0.2					
40	60	48		0.2				Becomes wet, trace black banding (4") ▽	
				6.9					
				3.4				Becomes dark brown	
45	60	50		1.5					
									Geoprobe sampling ended at 48 ft bgs due to sand blow in issues. Soil to 49 ft logged via auger cuttings.
								Bottom of boring at 49 ft bgs	

Completion Depth: **49.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **R. Hart, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 41.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 2/6/13

LOG OF BORING
MW-17

Start ng Date: /26/ 2
Comp et on Date: /26/ 2
Cas ng E evat on: 44 57
Ground E evat on: 44 83

Quadrangle
Sec:34 (NE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793347 04
E: (Y):2322247 29

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt cover	Air knifed to 10' bgs to clear utilities.
				0.2				Sandy FILL, trace clay and gravel (FILL)	
				0.0			FILL		
				0.0					
				0.0				Loose, moist, brown, fine grained clayey SAND (SC)	
5				0.0			SC		
				0.0				Clay grades out	
				0.0				Loose, moist, brown, fine grained SAND (SP)	
				0.0					
				0.0					
10								Becomes fine to medium grained	
	36	32		0.5					
				0.6					
									Sample MW 17 14 for VOC at 1120
15				0.6			SP		
	60	32							
				0.6				3" seam gray, with silt	
				1.4					
20									
	60	32		4.1					Sample MW 17 21 for VOC at 1100
				3.6				Becomes medium dense, fine grained	
				3.1					

Completion Depth: **50.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **M. Miller, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 35 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 2/6/13

LOG OF BORING
MW-17

Start ng Date: /26/ 2
Comp et on Date: /26/ 2
Cas ng E evat on: 44 57
Ground E evat on: 44 83

Quadrangle
Sec:34 (NE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793347 04
E: (Y):2322247 29

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	60	41		1.6				Same: Medium dense, moist, brown, fine grained SAND (SP) Becomes loose, fine to medium grained	
30	60	48		1.8 2.0				Becomes medium dense	
35	60	60		6.0 56.4 153.4			SP	Becomes wet, gray, fine grained, trace silt ▽	Sample MW 17 35 for VOC at 1110
40	60	60		703.1 421.8				Becomes brown, coarse grained, silt grades out	
45								Bottom of boring at 50 ft bgs	Geoprobe sampling ended at 43 ft bgs due to sand blow in issues. Soil to 50 ft logged via auger cuttings

Completion Depth: **50.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **M. Miller, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 35 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 2/6/13

LOG OF BORING
MW-18

Start ng Date: /28/ 2
Comp et on Date: /29/ 2
Cas ng E evat on: 442 04
Ground E evat on: 442 37

Quadrangle
Sec:34 (NE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793 6 68
E: (Y):2322252 27

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt cover	Air knifed to 11' bgs to clear utilities.
				1.7			FILL	Dense, dry, dark brown, Sandy FILL, with clay and gravel (FILL)	
				0.0			CL	Medium stiff, moist, brown Sandy CLAY (CL)	
				0.0				Loose, moist, brown, fine grained SAND (SP)	
				0.0					
5				0.0					
				0.0					
				0.0					
				0.0					
				0.0					
10							SP		
	24	19		0.0					Sample MW 18 12 for VOC at 1325
				0.0					
15	60	40		0.0					
				0.7					
								Becomes wet, gray	Sample MW 18 18 for VOC at 1340
				748.9					
20							CL	Medium stiff, moist, gray, low plastic, Silty CLAY (CL)	
	60	45		39.1				Medium dense, moist, brown, medium to coarse grained sand (SP)	
				5.6			SP		
				13.7					

Completion Depth: **52.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **M. Miller, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 40 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 2/6/13

LOG OF BORING
MW-18

Start ng Date: /28/ 2
Comp et on Date: /29/ 2
Cas ng E evat on: 442 04
Ground E evat on: 442 37

Quadrangle
Sec:34 (NE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793 6 68
E: (Y):2322252 27

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	60	48		10.2				Same: Medium dense, moist, brown, medium to coarse grained sand (SP)	
				13.3					
30	60	42		14.3					
				13.3					
35	60	46		12.8					
				14.8			SP		
				86.8					Sample MW 18 39 for VOC at 1345
40	60	60		51.3				Becomes wet ▽	
				76.7					Geoprobe sampling ended at 43 ft bgs due to issue with sand blow in. Soil to 52 ft logged via auger cuttings.
45									

Completion Depth: **52.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **M. Miller, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 40 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 2/6/13

LOG OF BORING
MW-18

Start ng Date: /28/ 2
Comp et on Date: /29/ 2
Cas ng E evat on: 442 04
Ground E evat on: 442 37

Quadrangle
Sec:34 (NE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793 6 68
E: (Y):2322252 27

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							SP	Same: Medium dense, wet, brown, medium to coarse grained sand (SP)	
								Bottom of boring at 52 ft bgs	
55									
60									
65									
70									

Completion Depth: **52.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **M. Miller, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 40 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 2/6/13

LOG OF BORING
MW-19

Start ng Date: 2/3/ 2
Comp et on Date: 2/4/ 2
Cas ng E evat on: 442 77
Ground E evat on: 443 3

Quadrangle
Sec:34 (E - center of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793022 82
E: (Y):2322256 05

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt cover	Air knifed to 10' bgs to clear utilities.
							FILL	Dense, dry, dark brown, Sandy FILL, trace clay and gravel (FILL)	
				0.0					
				0.0			SC	Loose, moist, dark brown, fine grained clayey SAND (SC)	
				0.0					
				0.0				Soft, moist, dark brown, low plasticity, Sandy CLAY (CL)	
				0.0			CL		
5				0.0				Becomes gray with black	Hydrocarbon odor
				0.0				Loose, moist to dry, gary, fine grained SAND (SP)	
				12.6				Becomes light gray	
				285					
				1301					
10								Becomes loose to medium dense, gray and light brown	
				567.9					
	36	36							
				1471			SP		
									Sample MW 19 13 for VOCs at 1320
15				715.4					
	60	48							
				1017					
				349.4				Soft, moist to wet, brown SILT (ML), with fine sand	
20							ML	Becomes wet	Sample MW 19 20 for VOCs at 1325
	60	60		22.3					
							CL	Soft, moist, gray, low plastic CLAY (CL), with silt	
				32.7				Loose, moist, brown, medium grained SAND (SP)	
							SP		
				34.5					

Completion Depth: **53.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **M. Miller, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 42 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 2/6/13

LOG OF BORING
MW-19

Start ng Date: 2/3/ 2
Comp et on Date: 2/4/ 2
Cas ng E evat on: 442 77
Ground E evat on: 443 3

Quadrangle
Sec:34 (E - center of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793022 82
E: (Y):2322256 05

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	60	48		11.3				Same: Loose, moist, brown, medium grained SAND (SP)	
				144.8				Becomes medium dense	
30	60	60		208.4				2" silty clay seam	
				377.0					Sample MW 19 32 for VOCs at 1335
								3" silty clay seam	
35	60	48		172.8					
				4.3			SP		
				15.6					
40	60	48		4.3					
								Becomes wet ▽	
				885.4					Geoprobe sampling ended at 43 ft bgs due to sand blow in issues. Soil to 53 ft bgs logged via auger cuttings
45				938.6					
				715.8					
				769.1					

Completion Depth: **53.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **M. Miller, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 42 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 2/6/13

LOG OF BORING
MW-19

Start ng Date: 2/3/ 2
Comp et on Date: 2/4/ 2
Cas ng E evat on: 442 77
Ground E evat on: 443 3

Quadrangle
Sec:34 (E - center of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793022 82
E: (Y):2322256 05

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
				1177			SP	Same: Medium dense, wet, brown, medium grained SAND (SP)	
				1159					
								Bottom of boring at 53 ft bgs	
55									
60									
65									
70									

Completion Depth: **53.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **M. Miller, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 42 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 2/6/13

LOG OF BORING
MW-20

Start ng Date: 2/5/ 2
Comp et on Date: 2/6/ 2
Cas ng E evat on: 443 67
Ground E evat on: 444 02

Quadrangle
Sec:34 (SE /4 - of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792820 76
E: (Y):232226 0

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt cover	Air knifed to 10' bgs to clear utilities.
				0.0			FILL	Loose, brown, moist, clayey Sand FILL, trace gravel (FILL)	
				0.0				Gravel grades out	
				0.0				Loose, dry to moist, reddish brown, fine grained SAND (SP), trace clay	
5				0.0				Clay grades out	
				0.0				Becomes light brown, dry	
							SP		
10	36	30		0.0				Becomes brown	Sampled MW 20 11 for VOC at 1325
							CL	Soft to medium dense, moist to dry, brown and gray, Silty CLAY (CL)	
				0.0				Loose, moist, brown, fine to medium grained SAND (SP)	
15	60	40		0.0					
				0.1			SP		
				35					
20	60	50		260.1				Becomes gray, wet	Sampled MW 20 21 for VOC at 1335
				5.8				Soft, moist to wet, light brown to gray, low plastic CLAY (CL), trace sand	
				3.2			CL		

Completion Depth: **53.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **M. Miller, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 42 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 2/6/13

LOG OF BORING
MW-20

Start ng Date: 2/5/ 2
Comp et on Date: 2/6/ 2
Cas ng E evat on: 443 67
Ground E evat on: 444 02

Quadrangle
Sec:34 (SE /4 - of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792820 76
E: (Y):232226 0

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	60	46		2.3			SP	Loose, moist, brown, medium grained SAND (SP)	
				3.3			CL	Medium stiff, moist, brown, low plastic CLAY (CL)	
30	60	60		0.5					
				0.3				Loose to medium dense, moist, brown, medium to coarse grained SAND (SP)	
35	60	48		0.2					
				0.2					
				0.2					
40	60	48		0.2			SP		
				29.1				Becomes wet ▽	Sampled MW 20 41 for VOC at 1340
45	60	54		67.4					
				400.5					
				67.5					Geoprobe sampling ended at 48 ft bgs due to sand blow in issues. Soil to 53 ft bgs logged via auger cuttings.

Completion Depth: **53.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **M. Miller, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 42 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 2/6/13

LOG OF BORING
MW-20

Start ng Date: 2/5/ 2
Comp et on Date: 2/6/ 2
Cas ng E evat on: 443 67
Ground E evat on: 444 02

Quadrangle
Sec:34 (SE /4 - of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792820 76
E: (Y):232226 0

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
				70.1 89.8			SP	Same: Loose to medium dense, wet, brown, medium to coarse grained SAND (SP)	
55								Bottom of boring at 53 ft bgs	
60									
65									
70									

Completion Depth: **53.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **M. Miller, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 42 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 2/6/13

LOG OF BORING
MW-21

Start ng Date: 2/6/ 2
Comp et on Date: 2/7/ 2
Cas ng E evat on: 443 8
Ground E evat on: 444 0

Quadrangle
Sec:34 (SE /4 - of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792288 33
E: (Y):2322275 06

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt cover	Air knifed to 10' bgs to clear utilities.
							ML	Moist, reddish brown, Clayey SILT (ML)	
							CL	Stiff, moist, reddish brown, Silty CLAY (CL)	
							SC	Moist, reddish brown, fine grained Clayey SAND (SC), trace silt	
5								Loose, moist, brown, fine to medium grained SAND (SP)	
10	36	30		0.2					
15	60	36		0.2			SP	Becomes moist to wet	
				43.5				1" gray and black low plastic clay seam Becomes moist	
20	60	40		49.0				Trace black banding (2")	
				63.4					Sample MW 21 21 for VOCs at 1155
				15.7					
				11.8					

Completion Depth: **52.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 41 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 2/6/13

LOG OF BORING
MW-21

Start ng Date: 2/6/ 2
Comp et on Date: 2/7/ 2
Cas ng E evat on: 443 8
Ground E evat on: 444 0

Quadrangle
Sec:34 (SE /4 - of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792288 33
E: (Y):2322275 06

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	60	44		182.3				Same: Loose, moist, brown, fine to medium grained SAND (SP)	
				282.3					
30	60	48		397.1				Trace black banding (3") 2" brown and gray low plastic clay seam	Sample MW 21 31 for VOCs at 1200
				14.0					
35	60	50		30.1				Trace black banding (2")	
				4.7			SP		
				1.4					
40	60	50		69.4				Becomes wet, gray ▽	Sample MW 21 41 for VOCs at 1205
				224.2					
45	60	52		511.5					
				3681					
				1779					Geoprobe sampling ended at 48 ft bgs due to rods getting locked up. Soil to 52 ft bgs logged via auger cuttings.

Completion Depth: **52.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 41 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS_LEV.GD 2/6/13

LOG OF BORING
MW-21

Start ng Date: 2/6/ 2
Comp et on Date: 2/7/ 2
Cas ng E evat on: 443 8
Ground E evat on: 444 0

Quadrangle
Sec:34 (SE /4 - of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792288 33
E: (Y):2322275 06

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
				1757			SP	Same: Loose, wet, gray, fine to medium grained SAND (SP)	
								Bottom of boring at 52 ft bgs	

55
60
65
70

Completion Depth: **52.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 41 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 2/6/13

LOG OF BORING
MW-22

Start ng Date: /29/ 2
Comp et on Date: /30/ 2
Cas ng E evat on: 442 6
Ground E evat on: 442 49

Quadrangle
Sec:34 (NE /4 - of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79328 59
E: (Y):232 996 63

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt cover	Air knifed to 10' bgs to clear utilities.
							FILL	Gravel and dry, dark brown, Silty CLAY (FILL)	
							CL	Loose, moist, reddish brown, Silty CLAY (CL)	
5							SP	Loose, moist, reddish brown, fine grained SAND (SP)	
								Becomes brown, fine to medium grained	
10	36	36		0.0					
				0.1					Sampled MW 22 12 for VOCs at 1345
15	60	46		0.5			SM	Loose, wet, brown and gray, fine grained Silty SAND (SM)	
				93.3				Loose, dry, light brown, fine to medium grained SAND (SP)	
				2.7					
20	60	48						Becomes moist	
				101.8			SP	Becomes gray, fine grained	
				1147				Becomes fine to medium grained	
								Becomes wet	Sampled MW 22 23 for VOCs at 1440
				753.8					

Completion Depth: **50.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 41.25 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 2/6/13

LOG OF BORING
MW-22

Start ng Date: /29/ 2
Comp et on Date: /30/ 2
Cas ng E evat on: 442 6
Ground E evat on: 442 49

Quadrangle
Sec:34 (NE /4 - of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79328 59
E: (Y):232 996 63

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	60	60					SP	Same: Loose, wet, gray, fine to medium grained SAND (SP)	
				448.9			SM	Dense, wet, light brown, fine grained, Silty SAND (SM)	
								Medium dense, dry, brown, fine to medium grained SAND (SP)	
				795.1					
30	60	60		583.7					
				534.6					
				463.8					
35	60	60							
				943.2				Becomes gray brown	
								Becomes medium grained	
				821.9			SP		
								Becomes brown	Sampled MW 22 39 for VOCs at 1450
40	60	50		45.0				Becomes wet ▽	
				207.9					
									Geoprobe sampling ended at 43 ft bgs due to blow in issues with the sand. Soil to 50 ft bgs logged via auger cuttings.
45									
								Bottom of boring at 50 ft bgs	

Completion Depth: **50.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push/HSA**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 41.25 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 2/6/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

MW-23

Starting Date: 1/19/15
Completion Date: 1/20/15
Casing Elevation: 431.41
Ground Elevation: 428.70

Quadrangle
Sec:34
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792004.5
E: (Y):2321442.8

Depth In feet	Inches Driven	Inches Recovered	PID/FID (ppm)	USCS	DESCRIPTION	NOTES
			2.9	FILL	Gravel and Topsoil (FILL) Becomes loose, moist, black, coarse grained sand with gravel and cinders	
5			104.6		Soft, wet, black, medium plastic, Silty CLAY (CL), with organics	
			44.6		Becomes gray	
			7.6			
10	24	12	1.7	CL	Becomes medium stiff, moist	
	24	19	6.4		With brown mottling	
	24	22	48.5		Becomes soft	
15	24	24	6.2		Becomes wet, sandy	
	24	15	2.9			
20	24	9	0.2		Loose, moist, gray, fine to medium grained SAND (SP)	
	24	12	5.5		Grades to medium grained 0.5" thick clay seam	

Completion Depth: 36.5 Ft bgs
Project No.: 21563720
Project Name: Roxana MW-23 Installation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Driller Name: E. Wetzel
Drilling Method: Hollow-Stem Auger
Drill Rig Type: CME-75
Logged by: E. Arthur
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD 080 012 305

Water Depth: 29.2 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling
NE - None Encountered
NA - Not Applicable

AECOM

USC based on field visual observations

- Air Knife/Hand Auger
- Splitspoon Sampler
- HSA- No Soil Sample
- Geoprobe
- Concrete
- Cement/Bentonite Grout
- Bentonite Seal
- Filter Sand
- Screen

AECOM (EVIRON) LOG (EPA FORMAT)+1 WELL P:\RESOURCES\GINTDATA\GINT\PROJECTS\21563720.32000 ROXANA MW-23 INSTALLATION.GPJ P:\RESOURCES\GINTDATA\GINT\ENVIRONMENTAL\AECOM STL (ENVIRONMENTAL).GLB 2/5/15

LOG OF BORING AND WELL CONSTRUCTION DETAIL

MW-23

Starting Date: 1/19/15
Completion Date: 1/20/15
Casing Elevation: 431.41
Ground Elevation: 428.70

Quadrangle
Sec:34
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792004.5
E: (Y):2321442.8

Depth In feet	Well Construction	Inches Driven	Inches Recovered	PID/FID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
30		24	11	0.2			SP	Same: Loose, moist, gray, medium grained SAND (SP)	
		24	13	0.1					
		24	12	0.1				▽ Becomes wet, fine grained	
		24	12	0.1				Grades to medium grained	
35		24	20	1.0					
		24	22	0.6					
								Bottom of boring at 36.5' bgs	
40									
45									

Completion Depth: 36.5 Ft bgs
Project No.: 21563720
Project Name: Roxana MW-23 Installation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Driller Name: E. Wetzel
Drilling Method: Hollow-Stem Auger
Drill Rig Type: CME-75
Logged by: E. Arthur
County: Madison
Site ID No.: 1191150002
Federal ID No.: ILD 080 012 305

Water Depth: 29.2 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling
NE - None Encountered
NA - Not Applicable

AECOM

USC based on field visual observations

- Air Knife/Hand Auger
- Splitspoon Sampler
- HSA- No Soil Sample
- Geoprobe
- Concrete
- Cement/Bentonite Grout
- Bentonite Seal
- Filter Sand
- Screen

AECOM (EVIRON) LOG (EPA FORMAT)+1 WELL P:\RESOURCES\GINT\DATA\GINT\PROJECTS\21563720.32000 ROXANA MW-23 INSTALLATION.GPJ P:\RESOURCES\GINT\DATA\GINT\ENVIRONMENTAL\AECOM STL (ENVIRONMENTAL).GLB 2/5/15

LOG OF BORING AND WELL CONSTRUCTION DETAIL

MW-24

Sta t ng Quadrangle
Date: 3/7/ 3 Sec:34 (Center of NE /4)
T:5N
Comp et on R:9W
Date: 3/8/ 3 UTM (or State Plane) Coord
Cas ng E evat on: 443 42 N: (X):793286 49
Ground E evat on: 443 80 E: (Y):232 700 49

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
				0.4			ASPHALT	Asphalt and gravel	Air knifed to 10' bgs to clear utilities.
				0.1			FILL	Dark brown, sand and clay FILL (FILL)	
				0.0				Medium stiff, moist, brown, low plastic CLAY (CL)	
				0.2					
				0.1			CL	Becomes light brown	
5				0.2					
				0.1				Becomes sandy	
				0.1				Loose to medium dense, dry to moist, brown, fine grained SAND (SP)	
				0.1					
				0.2					
10		24	6	0.2					
		24	24	0.8				Becomes medium dense, dry Trace black banding (1")	Sample MW 24 12 for VOCs at 0955
		24	22	0.5					
15		24	20	0.7			SP		
		24	19	0.5					
20		24	20	0.7					
		24	18	0.8					
		24	18	0.7				Trace black banding (1")	

Completion Depth: **50.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **E. Wetzel**
Drilling Method: **HSA**
Drill Rig Type: **CME 75**
Logged by: **W. Pennington, M. Miller**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 42 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +1 WELL 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 3/18/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

MW-24

Sta t ng Date: 3/7/ 3
Comp et on Date: 3/8/ 3
Cas ng E evat on: 443 42
Ground E evat on: 443 80

Quadrangle
Sec:34 (Center of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793286 49
E: (Y):232 700 49

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
								Same: Medium dense, dry, brown, fine grained SAND (SP)	Sample MW 24 25 for VOCs at 1115
		24	19	0.7					
		24	19	0.7					
30		24	19	0.7				Trace black banding (3")	
		24	20	0.4					
35		24	20	0.6				Trace gravel Gravel grades out	
		24	20	0.5			SP	Trace black banding (3")	
		24	20	0.4				Trace black banding (2")	
40		24	20	0.4					
		24	21	0.5				▽ Becomes wet	
		24	21	0.8				Trace black banding (1") Becomes fine to medium grained, trace fine gravel	
45		24	21	1.1				Trace black banding (3")	
		24	24	0.5					Sample MW 24 47 for VOCs at 1215
								Bottom of boring at 50 ft bgs	

Completion Depth: **50.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana/WRR Well Drilling**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **E. Wetzel**
Drilling Method: **HSA**
Drill Rig Type: **CME 75**
Logged by: **W. Pennington, M. Miller**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 42 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +1 WELL 21562850 15000 (ROXANA MW 2013).GPJ URSS LEV GD 3/18/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

MW-25

Sta t ng Date: 8/26/ 4
Comp et on Date: 8/29/ 4
Cas ng E evat on: 438 35
Ground E evat on: 438 86

Quadrangle
Sec:34 T:5N R:9W
UTM (or State Plane) Coord
N: (X):792086 69
E: (Y):232 99 75

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							FILL	Asphalt (FILL)	Air knifed to 10' bgs to clear for utilities and obstructions.
				20.0			ML	Loose, moist, brown, very fine, Clayey SILT (ML)	
							SP	Loose, dry, brown, fine grained SAND (SP)	
5				14.8			ML	Loose, wet, brown, very fine, Clayey SILT (ML)	
				2.5			SP	Loose, dry, brown, fine grained SAND (SP), with clay	
				68.2				Grades to fine sand	
10		24	18	3.4					
		24	19	4.0				Grades to fine to medium grained sand	
15		24	16	4.9					
		24	18	4.8					
		24	18	5.0					
20		24	20	4.7					
		24	20	12.1					

Completion Depth: **47.0 Ft bgs**
Project No.: **21562973**
Project Name: **Additional Characterization**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **J. Crank**
Drilling Method: **HSA**
Drill Rig Type: **CME 75**
Logged by: **E. Arthur**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 38 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA (MW-25 HRU 28) ADD ONAL CHARAC ER ZA ON 2014 GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN ALURSS LEV GLB 11/6/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL

MW-25

Sta t ng Date: 8/26/ 4
Comp et on Date: 8/29/ 4
Cas ng E evat on: 438 35
Ground E evat on: 438 86

Quadrangle
Sec:34 T:5N R:9W
UTM (or State Plane) Coord
N: (X):792086 69
E: (Y):232 99 75

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		24	16	6.7				Same: Loose, dry, brown, fine to medium grained SAND (SP)	
		24	19	12.5				Becomes gray	
		24	20	12.7				Becomes light brown	
30		24	18	13.0					
		24	20	9.5					
35		24	19	7.3					
		24	18	51			SP	Grades to medium to coarse grained	
		24	14	890				Becomes wet, coarse grained	
40		24	6	308					
		24	12	111				Becomes gray	
45		24	24	2985					
								Bottom of boring at 47' bgs	

Completion Depth: **47.0 Ft bgs**
Project No.: **21562973**
Project Name: **Additional Characterization**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **J. Crank**
Drilling Method: **HSA**
Drill Rig Type: **CME 75**
Logged by: **E. Arthur**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 38 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA (MW-25 HRU 28) ADD ONAL CHARAC ER ZA ON 2014 GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN ALURSS LEV GLB 11/6/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL

MW-26

Sta t ng Date: 8/25/ 4
Comp et on Date: 8/28/ 4
Cas ng E evat on: 44 02
Ground E evat on: 44 29

Quadrangle
Sec:34 T:5N R:9W
UTM (or State Plane) Coord
N: (X):792393 52
E: (Y):23220 2 55

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							FILL	Asphalt (FILL)	Air knifed to 10' bgs to clear for utilities and obstructions.
				2.0			CL	Soft, dry, reddish brown, low plastic, Silty Sandy CLAY CL)	
5				6.5				Loose, dry, brown, fine grained SAND (SP), trace clay	
				6.9				Clay grades out	
				6.3					
10		24	14	1.3					
		24	14	1.3					
15		24	16	2.0			SP	Grades to fine to medium grained	
		24	17	2.0					
		24	20	3.6					
20		24	20	4.3					
		24	12	4.9					

Completion Depth: **49.0 Ft bgs**
Project No.: **21562973**
Project Name: **Additional Characterization**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **J. Crank**
Drilling Method: **HSA**
Drill Rig Type: **CME 75**
Logged by: **E. Arthur**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 40.5 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA (MW-25 HRU 28) ADD ONAL CHARAC ER ZA ON 2014 GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN ALURSS LEV GLB 11/6/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL

MW-26

Sta t ng Date: 8/25/ 4
Comp et on Date: 8/28/ 4
Cas ng E evat on: 44 02
Ground E evat on: 44 29

Quadrangle
Sec:34 T:5N R:9W
UTM (or State Plane) Coord
N: (X):792393 52
E: (Y):23220 2 55

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		24	18	6.4				Same: Loose, dry, brown, fine to medium grained SAND (SP)	
		24	18	5.3					
		24	19	5.9					
30		24	20	2.9				Becomes gray	
		24	18	5.2				Grades to medium grained Becomes orange brown Becomes gray	
35		24	20	5.0				Becomes fine grained, with silt	
		24	18	8.5			SP	Becomes light brown, medium grained	
		24	13	25.0				Becomes moist, brown	
40		24	18	3.0				Becomes wet ▽	
		24	23	2.3					
45		24	23	2.0					
		24	10	3.0					
								Bottom of boring at 49' bgs	

Completion Depth: **49.0 Ft bgs**
Project No.: **21562973**
Project Name: **Additional Characterization**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **J. Crank**
Drilling Method: **HSA**
Drill Rig Type: **CME 75**
Logged by: **E. Arthur**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 40.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA (MW-25 HRU 28) ADD ONAL CHARAC ER ZA ON 2014 GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN ALURSS LEV GLB 11/6/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL

MW-27 Page Of 3

Sta t ng Quadrangle
Date: 0/ 5/ 4 Sec:34
Comp et on T:5N
Date: 0/ 7/ 4 R:9W
Cas ng E evat on: 443 40 UTM (or State Plane) Coord
Ground E evat on: 443 70 N: (X):793753 22
E: (Y):23220 6 0

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							FILL	Asphalt/crushed limestone (FILL)	Air knifed to 10' bgs to clear for utilities and obstructions.
				0.3				Soft, moist, brown, Silty CLAY (CL)	
				1.4			CL		10" diameter surface casing set to 10' bgs due to the proximity of the boring to an underground natural gas line.
5				2.2				Increasing silt	
				0.7			ML	Soft, moist, brown, Clayey SILT (ML), with sand	
				0.5			SC	Loose, moist, brown, Clayey SAND (SC)	
10		24	22	3.5			SM	Loose, moist, brown, Silty SAND (SM)	
		24	17	4.4				Loose, moist, brown to dark brown banded, fine grained SAND (SP), trace silt	
15		24	21	5.1			SP		
		24	21	3.1					
		24	18	3.0				Becomes fine to medium grained	
							SM	Loose, wet, dark brown, fine grained, Silty SAND (SM)	
20		24	22	3.7				Medium dense, dry, light brown, fine to medium grained SAND (SP), trace silt	
		24	24	4.7			SP		

Completion Depth: **51.0 Ft bgs**
Project No.: **21562973**
Project Name: **Additional Characterization**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **HSA**
Drill Rig Type: **DT-8040**
Logged by: **E. Fritsch/M. Miller**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 42 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA (MW-25 HRU 28) ADD ONAL CHARAC ER ZA ON 2014 GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN ALURSS LEV GLB 11/6/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL

MW-27

Sta t ng Date: 0/ 5/ 4
Comp et on Date: 0/ 7/ 4
Cas ng E evat on: 443 40
Ground E evat on: 443 70

Quadrangle
Sec:34 T:5N R:9W
UTM (or State Plane) Coord
N: (X):793753 22
E: (Y):23220 6 0

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		24	24	5.3			SP	Same: Medium dense, dry, light brown, fine to medium grained SAND (SP), trace silt	
		24	24	4.1					
		24	24	3.7					
30		24	22	3.5					
		24	22	3.0			CL	Soft, moist, brown, low plastic, Silty CLAY (CL)	
							SM	Medium dense, moist, brown, fine grained, Silty SAND (SM)	
		24	24	2.3			SP	Medium dense, dry, tan to brown, fine grained SAND (SP), with silt	
35		24	21	3.6					
		24	21	2.1				Becomes very moist, gray brown With clay	
							SC	Medium dense, wet, brownish gray, clayey SAND (SC)	
40		24	21	8.3			SP	Medium dense, moist to dry, gray to dark gray, fine to medium grained SAND (SP)	
		24	21	3.0				▽ Becomes wet	
		24	23	1.8				2" silty clay seam	
45		24	24	14.2			CL	Stiff, moist, dark gray, Silty CLAY (CL)	
							ML	Medium dense, moist, dark gray, Clayey SILT (ML)	
		24	24	16.6			SM	Soft, wet, dark gray, Silty SAND (SM)	

Completion Depth: **51.0 Ft bgs**
Project No.: **21562973**
Project Name: **Additional Characterization**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **HSA**
Drill Rig Type: **DT-8040**
Logged by: **E. Fritsch/M. Miller**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 42 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA (MW-25 HRU 28) ADD ONAL CHARAC ER ZA ON 2014 GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN ALURSS LEV GLB 11/6/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL

MW-27

Sta t ng Date: 0/ 5/ 4
Comp et on Date: 0/ 7/ 4
Cas ng E evat on: 443 40
Ground E evat on: 443 70

Quadrangle
Sec:34 T:5N R:9W
UTM (or State Plane) Coord
N: (X):793753 22
E: (Y):23220 6 0

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							SM	Same: Soft, wet, dark gray, Silty SAND (SM)	
								Bottom of boring at 51' bgs	
55									
60									
65									
70									

Completion Depth: **51.0 Ft bgs**
Project No.: **21562973**
Project Name: **Additional Characterization**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **P. Seymour**
Drilling Method: **HSA**
Drill Rig Type: **DT-8040**
Logged by: **E. Fritsch/M. Miller**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 42 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA (MW-25 HRU 28) ADD ONAL CHARAC ER ZA ON 2014 GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN ALURSS LEV GLB 11/6/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL

MW-28 Page Of 2

Sta t ng Date: 8/25/ 4
Comp et on Date: 9/3/ 4
Cas ng E evat on: 443 34
Ground E evat on: 443 78
Quadrangle
Sec:34 T:5N R:9W
UTM (or State Plane) Coord
N: (X):793894 54
E: (Y):2322 0 57

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							FILL	Asphalt (FILL)	Air knifed to 10' bgs to clear for utilities and obstructions.
				0.5			ML	Loose, dry, brown, very fine grained, Clayey SILT (ML)	
5				0.6			SM	Loose, dry, brown, fine grained, Silty SAND (SM)	
								Grades to fine grained	
				0.5			SP	Loose, dry, brown, fine grained SAND (SP), with clay	
				0.5					
10		24	14	1.9			ML	Loose, moist, brown, very fine grained, Sandy SILT (ML)	
		24	20	4.9			SP	Loose, dry, brown, fine grained SAND (SP)	
15		24	18	5.3					
		24	18	6.1					
		24	18	6.1					
20		24	19	6.8				Grades to fine to medium grained	
		24	20	7.0					
								Grades to fine grained	

Completion Depth: **46.0 Ft bgs**
Project No.: **21562973**
Project Name: **Additional Characterization**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **J. Crank**
Drilling Method: **HSA**
Drill Rig Type: **CME 75**
Logged by: **E. Arthur**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 37.4 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA (MW-25 HRU 28) ADD ONAL CHARAC ER ZA ON 2014 GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN ALURSS LEV GLB 11/6/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL

MW-28

Sta t ng Date: 8/25/ 4
Comp et on Date: 9/3/ 4
Cas ng E evat on: 443 34
Ground E evat on: 443 78

Quadrangle
Sec:34 T:5N R:9W
UTM (or State Plane) Coord
N: (X):793894 54
E: (Y):2322 0 57

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		24	22	7.6				Same: Loose, dry, brown, fine grained SAND (SP)	
		24	20	8.2			SP		
		24	15	8.6					
30		24	16	8.0				Becomes with silt	
							ML	Loose, dry, brown, very fine grained, Sandy SILT (ML)	
		24	18	82			CL	Soft, moist, gray, low plastic CLAY (CL)	
							ML	Loose, moist, gray, very fine, Clayey SILT (ML) Clay grades out Become dry	
35		24	18	13.2				Grades to sandy silt	
							SP	Loose, dry, gray, fine grained SAND (SP)	
							CL	Soft, moist, gray, low plastic CLAY (CL)	
		24	19	49.9			SP	Loose, dry, gray, fine grained SAND (SP), with silt ▽	
							ML	Loose, wet, gray, very fine SILT (ML)	
							CL	Soft, wet, gray, low plastic, Silty CLAY (CL)	
							ML	Loose, wet, gray, very fine SILT (ML)	
		24	18	81.2			CL	Soft, moist, gray, low plastic, Silty CLAY (CL)	
							ML	Loose, dry, gray, very fine SILT (ML)	
40							CL	Soft, moist, gray, low plastic, Silty CLAY (CL)	
		24	19	3.4			ML	Loose, wet, gray, very fine SILT (ML)	
								Soft, moist, brown, medium to coarse grained SAND (SP)	
		24	18	39.2			SP	Becomes wet Become gray	
		24	20	21.8			CL	Soft, moist, gray, low plastic CLAY (CL)	
45							ML	Loose, wet, gray, very fine SILT (ML)	
								Bottom of boring at 46' bgs	

Completion Depth: **46.0 Ft bgs**
Project No.: **21562973**
Project Name: **Additional Characterization**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **J. Crank**
Drilling Method: **HSA**
Drill Rig Type: **CME 75**
Logged by: **E. Arthur**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 37.4 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA (MW-25 HRU 28) ADD ONAL CHARAC ER ZA ON 2014 GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN ALURSS LEV GLB 11/6/14

LOG OF BORING
ROST-4-PZ (A)

Start ng Date: 3/29/
Comp et on Date: 4/5/
Cas ng E evat on: 442
Ground E evat on: 442 8

Quadrangle
Sec: N/A
T: N/A
R: N/A
UTM (or State Plane) Coord
N: (X):793696 80
E: (Y):2322239 89

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt	Air knife completed to 10' bgs to clear utilities, lithology information gained via grab samples from hand augers periodically collected.
				0.2				Stiff, moist, brown, low plastic sandy clay FILL [FILL]	
				0.3			FILL		
				0.2				With silt	
				0.2				Loose, dry, tan, fine grained SAND (SP)	
5				0.0				Trace silt	
				0.0			SP	Silt grades out	
				0.2					
				0.2					
10				0.0				Very de se, moist, brown SILT (ML)	
	24	18		4.0			ML		
				4.0				Loose, dry, tan, fine grained SAND (SP)	Sampled ROST 4 PZ (A) 11.5 12.5 at 0845 for VOCs and SVOCs
	48	32							
15				4.2					
				6.8				Trace clayey silty seams	
	48	35					SP		
				7.2					
20				0.2					
	48	38							
				4.2				Becomes moist, gray	

Completion Depth: **48.0 Ft bgs**
Project No.: **21562593**
Project Name: **ROST-4-PZ Delineation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **Pat Seymor**
Drilling Method: **Direct Push**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080012305**

Water Depth: 37.5 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562593 (ROXANA ROS) GPJ URSS LEV GD 5/19/11

LOG OF BORING
ROST-4-PZ (A)

Start ng
Date: 3/29/
Comp et on
Date: 4/5/
Cas ng E evat on: 442
Ground E evat on: 442 8

Quadrangle
Sec: N/A
T: N/A
R: N/A
UTM (or State Plane) Coord
N: (X):793696 80
E: (Y):2322239 89

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	48	34		15.8 23.5			SP	Same: Loose, moist, gray, fine grained SAND (SP)	Sampled ROST 4 PZ (A) 27 28 at 0915 for VOCs and SVOCs
							ML	Medium dense, SILT (ML)	
30	48	35		1.2 1.4				Loose, moist, gray, fine grained SAND (SP)	
	48	34		3.2 3.8			SP	Trace orange banding 2" silt seam	
35								Becomes dark brown	Sampled ROST 4 PZ(A) 36 37 at 1000 for VOCs and SVOCs
	48	35		3.0				1" black banding ▽ Becomes wet, medium grained	
				12.5			CL	Soft, low plastic, Silty CLAY (CL)	
40	48	46		4.0 4.2			SM	Dense to soft, wet, fine grained Silty SAND (SM), some clay	
								Clay grades out	
45	48	48		0.0 2.0			CL	Soft, low plastic Silty CLAY (CL)	
								Silt grades out	
								Bottom of boring at 48.0' bgs	

Completion Depth: **48.0 Ft bgs**
Project No.: **21562593**
Project Name: **ROST-4-PZ Delineation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **Pat Seymor**
Drilling Method: **Direct Push**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080012305**

Water Depth: 37.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562593 (ROXANA ROS) GPJ URSS LEV GD 5/19/11

LOG OF BORING
ROST-4-PZ (B)

Start ng
Date: 3/29/
Comp et on
Date: 4/6/
Cas ng E evat on: 442 38
Ground E evat on: 442 72

Quadrangle
Sec: N/A
T: N/A
R: N/A
UTM (or State Plane) Coord
N: (X):793647 0
E: (Y):232224 07

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt	Air knife completed to 10' bgs to clear utilities, lithology information gained via grab samples from hand augers periodically collected.
				0.2			FILL	Medium stiff, moist, brown, low plastic sandy clay FILL with silt [FILL]	
				0.2					
				0.2					
				0.3				Medium dense, dry, tan, fine grained SAND (SP)	
5				0.2					
				0.2					
				0.1					
10	24	24		0.5			SP	Becomes moist	Sampled ROST 4 PZ(B) 10 11 at 0930 for VOCs and SVOCs
				0.3					
	48	36		0.2					
15				0.3				Trace black banding	
	48	37		1.3				Becomes dry	
				1.2					
20	48	34		1.8			SM	Dense, moist, gray Silty SAND (SM)	
				1.5					

Completion Depth: **48.0 Ft bgs**
Project No.: **21562593**
Project Name: **ROST-4-PZ Delineation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **Pat Seymor**
Drilling Method: **Direct Push**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080012305**

Water Depth: 37 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562593 (ROXANA ROS) GPJ URSS LEV GD 5/19/11

LOG OF BORING
ROST-4-PZ (B)

Start ng Date: 3/29/
Comp et on Date: 4/6/
Cas ng E evat on: 442 38
Ground E evat on: 442 72

Quadrangle
Sec: N/A
T: N/A
R: N/A
UTM (or State Plane) Coord
N: (X):793647 0
E: (Y):232224 07

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	48	35		1.7 3.5			SM	Same: Dense, moist, gray Silty SAND (SM)	
30	48	34		4.5 1.6			SP	Medium dense, dry, tan, fine grained grained SAND (SP)	Sampled ROST 4 PZ(B) 28 29 at 1000 for VOCs and SVOCs
							SM	Dense, moist, gray, Silty SAND (SM)	
35	48	36		2.3 2.8			SP	Medium dense, dry, tan fine grained SAND (SP) Becomes moist, gray, very fine grained	
	48	34		3.5 5.5			SP	▽ Becomes wet 3" medium to coarse grained seam	Sampled ROST 4 PZ(B) 36 37 at 1030 for VOCs and SVOCs
40	48	48		15.5 6.5			CL	Soft, low plastic, Silty CLAY (CL)	
							ML	Dense SILT (ML)	
45	48	48		247 15.8			SM	Silty SAND (SM)	
								Bottom of boring at 48.0' bgs	

Completion Depth: **48.0 Ft bgs**
Project No.: **21562593**
Project Name: **ROST-4-PZ Delineation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **Pat Seymor**
Drilling Method: **Direct Push**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080012305**

Water Depth: 37 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562593 (ROXANA ROS) GPJ URSS LEV GD 5/19/11

LOG OF BORING
ROST-4-PZ (C)

Start ng Date: 3/28/
Comp et on Date: 4/8/
Cas ng E evat on: 443 00
Ground E evat on: 443 30

Quadrangle
Sec: N/A
T: N/A
R: N/A
UTM (or State Plane) Coord
N: (X):793600 60
E: (Y):2322 8 6

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt and Fill	Air knife completed to 10' bgs to clear utilities, lithology information gained via grab samples from hand augers periodically collected.
				0.0			FILL	Medium dense, moist, brown, clayey silt FILL [FILL]	
				0.0					
				0.1				Dense, dry, tan, fine grained, Silty SAND (SM)	
				0.0					
5				0.0					
				0.0			SM		
				0.0					
				0.0					
				0.0					
10				5.6					
	24	24		12.5				Dense, dry, tan, fine grained SAND (SP)	Sampled ROST 4 PZ (C) 11 12 at 0830 for VOCs and SVOCs
				9.2					
	48	38							
15				9.6					
				10.6					
	48	38					SP		
				5.5				Becomes gray	
20								2" soft, wet, tan, clay seam	
				12.5					
	48	24						Becomes dense, moist	
				12.8				1" black banding	

Completion Depth: **48.0 Ft bgs**
Project No.: **21562593**
Project Name: **ROST-4-PZ Delineation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **Pat Seymor**
Drilling Method: **Direct Push**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080012305**

Water Depth: 37.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562593 (ROXANA ROS) GPJ URSS LEV GD 5/19/11

LOG OF BORING
ROST-4-PZ (C)

Start ng Date: 3/28/
Comp et on Date: 4/8/
Cas ng E evat on: 443 00
Ground E evat on: 443 30

Quadrangle
Sec: N/A
T: N/A
R: N/A
UTM (or State Plane) Coord
N: (X):793600 60
E: (Y):2322 8 6

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	48	38		20.4 32				Same: Dense, moist, gray, fine grained SAND (SP) 8" soft, wet, tan, clay seam	Sampled ROST 4 PZ (C) 25 26 at 0930 for VOCs and SVOCs
30	48	40		34 50					
	48	40		5.4 35			SP		
35									
	48	36		9.7 45				Becomes loose, tan ▽ Becomes medium dense, wet 1" black banding	Sampled ROST 4 PZ(C) 36 37 at 1000 for VOCs and SVOCs
40	48	48		23 132				2" dark gray banding	
							CL	Soft, wet, gray, low plastic, Silty CLAY (CL)	Hydrocarbon odor
45	48	48		350 1065			SP	Medium dense, wet, tan, fine grained SAND (SP)	
								Bottom of boring at 48.0' bgs	

Completion Depth: **48.0 Ft bgs**
Project No.: **21562593**
Project Name: **ROST-4-PZ Delineation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **Pat Seymor**
Drilling Method: **Direct Push**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080012305**

Water Depth: 37.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562593 (ROXANA ROS) GPJ URSS LEV GD 5/19/11

LOG OF BORING
ROST-4-PZ (D)

Start ng Date: 3/28/
Comp et on Date: 4/7/
Cas ng E evat on: 442 98
Ground E evat on: 443 3

Quadrangle
Sec: N/A
T: N/A
R: N/A
UTM (or State Plane) Coord
N: (X):793597 03
E: (Y):2322 80 7

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt and fill	Air knife completed to 10' bgs to clear utilities, lithology information gained via grab samples from hand augers periodically collected.
				0.0			FILL	Medium dense, moist, brown clayey silt FILL [FILL]	
				0.1				Dense, dry, brown, fine grained Silty SAND (SM)	
				0.0					
				0.0					
5				0.0					
				0.0			SM		
				0.0					
10	48	36		4.9				Dense to medium dense, dry, tan, fine grained SAND (SP)	Sampled ROST 4 PZ (D) 10 11 at 0900 for VOCs and VOCs
				3.2				Becomes very fine grained	
	48	37							
15				3.0					
								Becomes fine grained	
				12.5			SP		
	48	36							
				6.0					
20									
				9.5					
	48	36						4" Soft, wet, low plastic Clay seam Becomes moist, gray, very fine grained	
				6.2				Becomes tan, fine grained Becomes gray, very fine grained	
								Becomes very dense	

Completion Depth: **48.0 Ft bgs**
Project No.: **21562593**
Project Name: **ROST-4-PZ Delineation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **Pat Seymor**
Drilling Method: **Direct Push**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080012305**

Water Depth: 37.75 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562593 (ROXANA ROS) GPJ URSS LEV GD 5/19/11

LOG OF BORING
ROST-4-PZ (D)

Start ng Date: 3/28/
Comp et on Date: 4/7/
Cas ng E evat on: 442 98
Ground E evat on: 443 3

Quadrangle
Sec: N/A
T: N/A
R: N/A
UTM (or State Plane) Coord
N: (X):793597 03
E: (Y):2322 80 7

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	48	46		12.0 10.7				Same: Very dense, moist, gray, very fine grained SAND (SP)	
30	48	44		12.7 5.2					Sampled ROST 4 PZ (D) 28 29 at 1000 for VOCs and SVOCs
35	48	36		2.7 7.0			SP	3" soft, wet, tan low plastic clay seam Becomes medium dense, tan, fine grained	
	48	36		12.0 7.4				1" soft, wet low plastic Clay seam ▽ Becomes wet, trace black banding Becomes medium to fine grained	Sampled ROST 4 PZ (D) 36 37 and duplicate sample at 1030 for VOCs and SVOCs
40	48	48		14.0 0.0			CL	Soft, wet, gray brown, low plastic, Silty CLAY (CL)	
45	48	46		520 540			SP	Medium dense, wet, brown, fine grained SAND (SP)	Hydrocarbon odor
								Bottom of boring at 48.0' bgs	

Completion Depth: **48.0 Ft bgs**
Project No.: **21562593**
Project Name: **ROST-4-PZ Delineation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **Pat Seymor**
Drilling Method: **Direct Push**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080012305**

Water Depth: 37.75 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562593 (ROXANA ROS) GPJ URSS LEV GD 5/19/11

LOG OF BORING
ROST-4-PZ (E)

Start ng Date: 3/28/
Comp et on Date: 4/ /
Cas ng E evat on: 44 96
Ground E evat on: 442 50

Quadrangle
Sec: N/A
T: N/A
R: N/A
UTM (or State Plane) Coord
N: (X):793545 64
E: (Y):2322242 87

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt and Fill	Air knife completed to 10' bgs to clear utilities, lithology information gained via grab samples from hand augers periodically collected.
							FILL	Medium dense, moist, brown, clayey silt FILL [FILL]	
5							SM	Medium dense, moist, brown, Silty SAND (SM)	
10	24	20		1.4			SP	Medium dense, moist, tan, fine grained SAND (SP)	Sampled ROST 4 PZ (E) 10.5 11.5 at 0930 for VOCs and SVOCs
	48	38		0.6 0.8 1.0					
15									
	48	36		125 242				4" wet clay seam 1" wet clay seam	Sampled ROST 4 PZ (E) 17 18 at 1000 for VOCs and SVOCs
20	48	42		68 62 4.3				Becomes gray	

Completion Depth: **48.0 Ft bgs**
Project No.: **21562593**
Project Name: **ROST-4-PZ Delineation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **Pat Seymor**
Drilling Method: **Direct Push**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080012305**

Water Depth: 38 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562593 (ROXANA ROS) GPJ URSS LEV GD 5/19/11

LOG OF BORING
ROST-4-PZ (E)

Start ng Date: 3/28/
Comp et on Date: 4/ /
Cas ng E evat on: 44 96
Ground E evat on: 442 50

Quadrangle
Sec: N/A
T: N/A
R: N/A
UTM (or State Plane) Coord
N: (X):793545 64
E: (Y):2322242 87

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	48	44		8 12				Same: Medium dense, moist, gray, fine grained SAND (SP)	
								1" Clay seam	Sampled ROST 4 PZ (E) 27 28 at 1030 for VOCs and SVOCs
30	48	36		14 12					
	48	36		6.8			SP		
35				8.2					
	48	32		7.5 40				▽ Becomes wet Becomes fine to medium grained	Sampled ROST 4 PZ (E) 37 38 at 1100 for VOCs and SVOCs
40	48	48		43					
				615			CL	Soft, wet, gray, low plastic CLAY (CL)	Hydrocarbon odor
								Medium dense, wet, gray, fine grained SAND (SP)	
45	48	48		750 716			SP		
								Bottom of boring at 48.0' bgs	

Completion Depth: **48.0 Ft bgs**
Project No.: **21562593**
Project Name: **ROST-4-PZ Delineation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **Pat Seymor**
Drilling Method: **Direct Push**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080012305**

Water Depth: 38 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562593 (ROXANA ROS) GPJ URSS LEV GD 5/19/11

LOG OF BORING
ROST-4-PZ (F)

Start ng Date: 3/29/
Comp et on Date: 4/4/
Cas ng E evat on: 442 2
Ground E evat on: 442 36

Quadrangle
Sec: N/A
T: N/A
R: N/A
UTM (or State Plane) Coord
N: (X):793495 8
E: (Y):2322244 34

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	Asphalt	Air knife completed to 10' bgs to clear utilities, lithology information gained via grab samples from hand augers periodically collected.
				0.0			FILL	Stiff, dry, brown gray [FILL]	
				0.2				Medium stiff, moist, brown sandy clay FILL [FILL]	
				0.2					
				0.2			SM	Medium dense, moist to dry, brown fine grained Silty SAND (SM)	
5				2.4					
				1.3			SP	Medium dense, moist to dry, gray brown, fine grained SAND (SP)	
				44.8					
				35.1					
10							ML	Medium dense, moist, tan SILT (ML)	
	24	22		1.2			SP	Medium dense, moist, gray, fine grained SAND (SP)	Sampled ROST 4 PZ (F) 11 12 at 0945 for VOCs and SVOCs
				2.2					
	48	37							
15				0.8					
				5.2			CL	Wet, low plastic Silty CLAY (CL)	
	48	40		345			SP	Medium dense, moist, tan, fine grained SAND (SP)	
				310					
20							ML	Very de se, moist, gray SILT (ML)	Sampled ROST 4 PZ (F) 21 22 at 1045 for VOCs and SVOCs
	48	46		950					
				1350			CL	Soft, wet, gray, low plastic Silty CLAY (CL)	
				52			ML	Very de se, moist, gray SILT (ML)	

Completion Depth: **48.0 Ft bgs**
Project No.: **21562593**
Project Name: **ROST-4-PZ Delineation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **Pat Seymor**
Drilling Method: **Direct Push**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080012305**

Water Depth: 37.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562593 (ROXANA ROS) GPJ URSS LEV GD 5/19/11

LOG OF BORING
ROST-4-PZ (F)

Start ng Date: 3/29/
Comp et on Date: 4/4/
Cas ng E evat on: 442 2
Ground E evat on: 442 36

Quadrangle
Sec: N/A
T: N/A
R: N/A
UTM (or State Plane) Coord
N: (X):793495 8
E: (Y):2322244 34

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	48	44		10.5			ML	Same: Very dense, moist, gray SILT (ML) Becomes dry, tan	
				20			SP	Very dense, moist, fine grained SAND (SP)	
30	48	40		15			SP	Becomes medium dense	
				539			ML	Very dense, wet, gray SILT (ML)	
	48	36		35			ML		
35				85			SP	Medium dense, moist, tan, fine grained SAND (SP)	
	48	44		72			SP	Rusty banding Becomes wet Black banding	Sampled ROST 4 PZ (F) 36.5 37.5 at 1145 for VOCs and SVOCs
40				35			SP	Becomes medium grained, trace coarse grained	
	48	48		650			ML	Wet, gray, Clayey SILT (ML)	
				42			ML	2" silty sand seam 3" silty clay seam	
45	48	48		890			SP	Dense, wet, brown, fine grained SAND (SP)	
				150			SP		
								Bottom of boring at 48.0' bgs	

Completion Depth: **48.0 Ft bgs**
Project No.: **21562593**
Project Name: **ROST-4-PZ Delineation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **Pat Seymor**
Drilling Method: **Direct Push**
Drill Rig Type: **VTR 9700**
Logged by: **N. Satam**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080012305**

Water Depth: 37.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562593 (ROXANA ROS) GPJ URSS LEV GD 5/19/11

LOG OF BORING
ROST-4-PZ (G)

Start ng Date: 4/2 /
Comp et on Date: 4/22/
Cas ng E evat on: 442 3
Ground E evat on: 442 4

Quadrangle
Sec: N/A
T: N/A
R: N/A
UTM (or State Plane) Coord
N: (X):79344 03
E: (Y):2322 40 4

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
				2.5			FILL	Grass cover Soft, moist to wet, dark brown, low plastic, silty clay FILL [FILL]	Air knife completed to 10' bgs to clear utilities, lithology information gained via grab samples from hand augers periodically collected.
				3.6					
				3.6					
				3.0					
5				2.1					
				3.4					
				1.8			SC	Medium dense, moist, brown, fine grained Clayey SAND (SC)	
				2.1					
				2.3					
10	24	10		3.7			SP	Medium dense, moist, brown, fine grained SAND (SP)	
				6.3					
	48	32							
15				9.5					
				2.5					
	48	32							
				2.9					
20				5.8					
	48	38					CL	Medium stiff, moist, brown, low plastic, Silty CLAY (CL)	
				9.6			SP	Medium dense, gray, fine grained SAND (SP)	

Completion Depth: **45.0 Ft bgs**
Project No.: **21562593**
Project Name: **ROST-4-PZ Delineation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **Pat Seymor**
Drilling Method: **Direct Push**
Drill Rig Type: **VTR 9700**
Logged by: **M. Miller**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080012305**

Water Depth: 38 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562593 (ROXANA ROS) GPJ URSS LEV GD 5/19/11

LOG OF BORING
ROST-4-PZ (G)

Start ng Date: 4/2 /
Comp et on Date: 4/22/
Cas ng E evat on: 442 3
Ground E evat on: 442 4

Quadrangle
Sec: N/A
T: N/A
R: N/A
UTM (or State Plane) Coord
N: (X):79344 03
E: (Y):2322 40 4

Depth In feet	Inches Dr ven	Inches Recovered	B ow Counts	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	48	38		18.8 25.0				Same: Medium dense, gray, fine grained SAND (SP) Black staining 3" silty clay seam	
30	48	32		8.0 3.6			SP		
35	48	38		20.7 17.6					
	48	42		10.7 40.5			SM	Medium dark, gray, moist to wet, fine grained, Silty SAND (SM) ▽	
40	48	42		91.3 95.7			SP	Medium dense, wet, brown, fine to medium grained SAND (SP)	
45								Bottom of boring at 45.0' bgs	

Completion Depth: **45.0 Ft bgs**
Project No.: **21562593**
Project Name: **ROST-4-PZ Delineation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Driller Name: **Pat Seymor**
Drilling Method: **Direct Push**
Drill Rig Type: **VTR 9700**
Logged by: **M. Miller**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080012305**

Water Depth: 38 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (ENV RON) LOG (EPA FORMA) 21562593 (ROXANA ROS) GPJ URSS LEV GD 5/19/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-1

Completion Date: 3/4/11
Casing Elevation: 443.54
Ground Elevation: 443.29

Coord nates
North ng:793210.40
East ng:2322305.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							FILL	Gravel and Asphalt (FILL)	Air knife completed to 10' bgs to clear utilities. Boring not logged during air knife.
							SM	Loose, moist, brown with gray, Silty SAND (SM)	
5									
							SP	Loose, moist, grayish brown, fine grained, poorly graded SAND (SP), with silt	
10							SC	Medium dense, moist, dark gray, fine grained, Clayey SAND (SC)	
				103.1				Medium dense, moist to dry, gray, fine grained, poorly graded SAND (SP)	
				25.2					
15		120	120	28.8					
				11.5			SP		
				49.2					
20				289.9					
		120	120	368.7					

Boring Depth: 55.0 ft bgs
Project No.: 21562593
Project Name: Roxana SVE System
Drilling Contractor: Boart Longyear
Drilling method: Roto Sonic
Rig Type: Roto Sonic
Drilled by: K. Smith
Logged by: M. Miller

Water Depth: 41 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-1

Completion Date: 3/4/11
Casing Elevation: 443.54
Ground Elevation: 443.29

Coord nates
North ng:793210.40
East ng:2322305.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
				622.5				Same: Medium dense, wet to dry, gray, fine grained, poorly graded SAND (SP)	
				865.2					
				681.1					
30								Becomes brown	
		60	60	450.3					
				508.0					
				370.2					
35								Becomes moist, medium grained	
				496.6			SP		
								Becomes moist to wet	
				737.9					
40		120	120						
				767.4				Becomes wet ▽	
				785.3					
				789.9					
45									
				838.5					
		120	120	801.2					

Boring Depth: **55.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Boart Longyear**
Drilling method: **Roto Sonic** Rig Type: **Roto Sonic**
Drilled by: **K. Smith**
Logged by: **M. Miller**

URS

Water Depth: 41 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-1

Completion Date: 3/4/11
Casing Elevation: 443.54
Ground Elevation: 443.29

Coord nates
North ng:793210.40
East ng:2322305.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
				856.4 820.0 775.3			SP	SAME: Medium dense, wet, brown, medium grained, poorly graded SAND (SP)	
55								Bottom of boring at 55 bgs	
60									
65									
70									

Boring Depth: 55.0 ft bgs
Project No.: 21562593
Project Name: Roxana SVE System
Drilling Contractor: Boart Longyear
Drilling method: Roto Sonic
Rig Type: Roto Sonic
Drilled by: K. Smith
Logged by: M. Miller

Water Depth: 41 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling

Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-2

Completion Date: 3/2/11
Casing Elevation: 436.38
Ground Elevation: 436.21

Coord nates
North ng:791987.40
East ng:2322012.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							TOPSOIL	Topsoil	Air knife completed to 10' bgs to clear utilities. Boring not logged during air knife.
							FILL	Silty clay (FILL), trace roots	
							SM	Loose, moist, brown, Silty SAND (SM)	
5								Loose, moist, brown, fine grained, poorly graded SAND (SP), with silt	
10		120	120	0.8			SP	Becomes dense, moist to dry, light brown, fine to medium grained, silt grades out	
				1.8					
15				2.4					
				2.5					
				2.8					
20		120	120	3.8					
				3.6					

Boring Depth: **45.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Boart Longyear**
Drilling method: **Roto Sonic** Rig Type: **Roto Sonic**
Drilled by: **K. Smith**
Logged by: **M. Miller**

URS

Water Depth: 30.5 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-2

Completion Date: 3/2/11
Casing Elevation: 436.38
Ground Elevation: 436.21

Coord nates
North ng:791987.40
East ng:2322012.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
				2.8				SAME: Dense, moist to dry, light brown, fine to medium grained, poorly graded SAND (SP)	
				3.2					
				4.1					
30								▽ Becomes wet	
		60	60	536.9				Becomes gray brown, trace silt	
				528.4					
				147.01				Becomes brown, silt grades out	
35							SP	Becomes wet, medium grained	
				1500+					
40		120	60						
				1500+					
				1500+					
45								Bottom of boring at 45' bgs	

Boring Depth: **45.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Boart Longyear**
Drilling method: **Roto Sonic** Rig Type: **Roto Sonic**
Drilled by: **K. Smith**
Logged by: **M. Miller**

URS

Water Depth: 30.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-3

Page Of

Completion Date: 5/3/11
Casing Elevation: Not Surveyed
Ground Elevation: 441.95

Coord nates
North ng:793307.69
East ng:2322206.71

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	ASPHALT	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA.
							GRAVEL	Gravel	
				3.2			FILL	Medium stiff, moist, brown, low plastic, Silty CLAY (FILL), with fine sand	
				1.7					
				1.4					
				2.2				Silt grades out, becomes sandy	
5				8.2			SP	Medium dense, moist, brown, fine grained SAND (SP), trace clay	
				76.5				Clay grades out	
				45.2					
				10.7					
10		24	16	20.7				Becomes loose	
		24	16	158.8				1" soft, moist to wet, gray, low plastic CLAY (CL)	
		12	0					Becomes clayey	
15								Bottom of Boring at 15' bgs	
20									

Boring Depth: **15.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Enviromental Drilling Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-55**
Drilled by: **B. Schilling**
Logged by: **M. Miller**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-4

Page Of

Completion Date: 5/12/11
Casing Elevation: Not Surveyed
Ground Elevation: 442.04

Coord nates
North ng:793309.47
East ng:2322158.43

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	ASPHALT	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with Geoprobe.
							GRAVEL	Gravel	
							FILL	Moist, brown, fine to medium grained, Silty Sand (FILL)	
				1.5					
				0.3			CL	Soft, moist, brown, medium plastic, Silty CLAY (CL)	
				0				Iron staining present 4' to 5'	
5				1.7				Medium dense, moist, fine to medium grained, Silty SAND (SM)	
				13.2					
				1.3			SM	Becomes gray	
10				0					
				1.7				Becomes dark olive, very fine grained	
				24.3				1" of black staining	
15								Bottom of boring at 15 bgs	
20									

Boring Depth: **15.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Direct Push** Rig Type: **VTR**
Drilled by: **B. Schilling**
Logged by: **R. Hart**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-5

Page Of

Completion Date: 9/30/11
Casing Elevation: Not Surveyed
Ground Elevation: 444.23

Coord nates
North ng:793831.00
East ng:2322280.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
				26.7				ASPHALT	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				83.1					
				63.2				Dark brown to gray, organic SILT (ML)	
				48.6					
				34.5				Soft, dark brown to gray, organic SILT (ML), trace of sand	
5				48.9					
				96.4				Soft, olive brown dark, reddish gray SILT (ML), with fine grained sand	
				95.0					
				105.9					
				78.7				Soft, brown to reddish brown SILT (ML)	
10		60		8.0				Loose, dry, light brown SAND (SP)	
				10.7			SP		
15		60		18.3					
				10.3					
20								Bottom of boring at 20 bgs	

Boring Depth: **20.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-6

Page Of

Completion Date: 10/13/11
Casing Elevation: Not Surveyed
Ground Elevation: 444.04

Coord nates
North ng:793713.30
East ng:2322280.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
								Loose gravel	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
								Gravely clay	
5								Sandy clay	
10				10.8			FILL	6" Backfill	
		24	18					Loose, dry, light gray, poorly graded, fine grained SAND (SP)	
		24	13	26.8				Fine laminations	Slight hydrocarbon odor, slight staining
15		26	16	39			SP		
		24	16	31.7				Becomes light gray to dark brown, very fine to fine grained 3" Silt lens	Slight hydrocarbon odor, slight staining
		24	14	14.8				Becomes moist, light brown, fine grained	No staining, faint hydrocarbon odor
20								Bottom of boring at 20 5' bgs	

Boring Depth: **20.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-55**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-7

Page Of

Completion Date: 9/29/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.71

Coordinates
North ng:793595.00
East ng:2322280.00

Depth In feet	Well Construction	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							GP	GRAVEL cover at surface	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				36.8			CL	Soft, moist, brown, low plastic, Silty CLAY (CL)	
				10.9					
				20.4			SM	Loose, dry, light brown, fine grained, Silty SAND (SM)	
5				15.3				Loose, dry, light brown, fine grained, poorly graded SAND (SP)	
				14.9					
				18.5					
				57.5					
				72.8					
10		60		46.5			SP		Hydrocarbon odor
				120.2					
15		60		80.1				Becomes light gray to gray	
				15.2				Becomes fine to medium grained	
20								Bottom of boring at 20 bgs	

Boring Depth: **20.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-8

Page Of

Completion Date: 9/30/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.12

Coord nates
North ng:793480.70
East ng:2322291.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							GP	GRAVEL	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				115.9				Dry, dark brown, Sandy Silt (FILL)	
				96.6					
				132.0			FILL		
				150.3				Dry, dark brown, Sandy Clay (FILL)	
5				214.9				Dry, dark brown, Sandy Silt (FILL), trace clay	
				893.0				Loose, dry, dark gray, fine grained, poorly graded SAND (SP)	
				1136				Becomes gray	
				1068					
				1597					
10		60		873.3			SP	Becomes light brown	Hydrocarbon odor
				909.2					
15		60		1011				Becomes light brown to dark gray	Hydrocarbon staining
							CL	Medium stiff, light gray, low plastic CLAY (CL)	
				582.3			SP	Loose, dry, light brown, poorly graded SAND (SP)	
20								Bottom of boring at 20 bgs	

Boring Depth: **20.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-9

Page Of

Completion Date: 10/4/11
Casing Elevation: Not Surveyed
Ground Elevation: 442.41

Coord nates
North ng:793363.20
East ng:2322296.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							GP	Crushed GRAVEL	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				5.9				Stiff, moist, brown, Silty Clay (FILL)	
				2.0			FILL		
				14.6				With gray and brownish red mottles	
				8.3					
5				121.5				Soft, moist, dark gray, silty SAND (SM)	
				40.0					
				15.5			SM		
				8.6					
				11.4				▽	
10		60		71.9				Loose, wet, dark brown, fine to medium grained, poorly graded SAND (SP)	Hydrocarbon odor
				379.3			SP		
15		60		99.6				Becomes dark brown to light brown, fine grained	
				122.7					
20								Bottom of boring at 20 bgs	

Boring Depth: **20.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 10 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-10

Page Of

Completion Date: 10/5/11
Casing Elevation: Not Surveyed
Ground Elevation: 442.74

Coordinates
North ng:793245.90
East ng:2322301.00

Depth In feet	Well Construction	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							GP	Loose gravel	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				17.8			GC	Loose, black, moist to dry gravelly CLAY (GC)	
				975.8			CL	Loose, black, dry to moist, CLAY (CL)	
				967.2					
				1177				Becomes wet and silty	
5				945.8				Becomes dry to moist, gravelly	
				1648			SC	Loose, black, moist, sandy CLAY (SC)	
				1329					
				1872					
				1954					
10		60		366.4			SP	Loose, dry, light brown to gray, fine grained, poorly graded SAND (SP)	Hydrocarbon odor
				962.1					
15		60		747.2				Becomes light brown to light gray	
				1007				1" clay lens	
20								Bottom of boring at 20 bgs	

Boring Depth: 20.0 ft bgs
Project No.: 21562593
Project Name: Roxana SVE System
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Dual-tube Geoprobe/6 1/4" HSA
Rig Type: CME-75
Drilled by: P. Seymour/E. Wetzel
Logged by: S. Wrightson

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-11

Completion Date: 10/7/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.56

Coord nates
North ng:793132.10
East ng:2322307.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							GP	Loose GRAVEL	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				17.8				Loose, dry to moist, black, Gravelly CLAY (CL)	
				975.8				Gravel grades out	
				967.2					
				1177				Becomes wet, Silty CLAY	
5				945.8			CL	Becomes dry to moist, gravelly Silty CLAY	
				1648				Becomes Sandy CLAY	
				1329					
				1872					
				1954					
10		60	34	363.2			SP	Loose, dry, light brown, fine grained, poorly graded SAND (SP)	Hydrocarbon odor
				1042					
15		60	48	1021				Becomes light brown to gray	
				271.0			ML	Soft, gray, Sandy SILT (ML)	Hydrocarbon odor
20								Bottom of boring at 20 bgs	

Boring Depth: **20.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-12

Page Of

Completion Date: 10/5/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.78

Coord nates
North ng:793005.70
East ng:2322299.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							GP	Loose GRAVEL	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				3.1				Loose, dry, black, gravelly CLAY (CL)	
				1.2				Becomes dry to moist, brown	
				23.4				Becomes wet, black	
				938.7					
5				816.4			CL	Becomes medium stiff	
				867.4				Soft, dry to moist, gray, Silty CLAY (CL)	
				802.6					
				857.1					
				522.3					
10		60	51	352.5			ML	Medium stiff, dry, gray to olive gray, Sandy SILT (ML)	Hydrocarbon odor
				1449					
15		60	50	1404			SP	Loose, dry, light gray to light brown, fine grained, poorly graded SAND (SP)	
				1409					
20								Bottom of boring at 20 bgs	

Boring Depth: **20.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-13

Page Of

Completion Date: 10/7/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.77

Coord nates
North ng:792893.30
East ng:2322303.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							GP	Loose gravel	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				0.0				Loose, dry, black, medium gravelly CLAY (CL)	
				8.5				Becomes dry to moist	
				31.7				Loose, dry to moist, black CLAY (CL)	
				250.2				Becomes medium stiff	
5				28.1			CL	Loose, dry to moist, blackish gray, fine grained, Sandy CLAY (CL)	
				90.9					
				51.8					
				19.6					
				71.8					
10		60	43	137.5			SP	Loose, dry, brown to light gray, fine grained, poorly graded SAND (SP)	Hydrocarbon odor
				809.2			SM	Loose to medium dense, moist, light gray, very fine grained, Silty SAND (SM)	
15		60	42	706.2			SP	Loose, moist, light brown to brown, fine to medium grained SAND (SP)	
				1647					
20								Bottom of boring at 20 bgs	

Boring Depth: **20.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-14

Page Of

Completion Date: 9/27/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.87

Coord nates
North ng:792770.80
East ng:2322308.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							GP	Loose gravel	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				5.1				Loose, dry, black, gravelly CLAY (CL)	
				261.5				Becomes dry to moist, no gravel	
				383.4					
				17.6					
5				53.0			CL	Loose, dry to moist, gray CLAY (CL)	
				10.6					
				16.0				Becomes Sandy	
				21.3					
				6.5					
10								Becomes moist, Silty	Hydrocarbon odor
		60		471.6				Loose, moist, brown, fine grained, poorly graded SAND (SP), with soft silty clay lenses	
				913.3					
15							SP		
		60		293.7					
				38.2					
20								Bottom of boring at 20 bgs	

Boring Depth: 20.0 ft bgs
Project No.: 21562593
Project Name: Roxana SVE System
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Dual-tube Geoprobe/6 1/4" HSA
Rig Type: CME-75
Drilled by: P. Seymour/E. Wetzel
Logged by: S. Wrightson

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-15

Page Of

Completion Date: 9/27/11
Casing Elevation: Not Surveyed
Ground Elevation: 444.15

Coord nates
North ng:792651.20
East ng:2322310.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							GP	Loose GRAVEL	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				185.6				Loose, dry, black, Gravelly CLAY (CL)	
				76.4				Medium stiff, dry to moist, black CLAY (CL)	
				124.1			CL		
				154.4				Loose, moist, gray, fine grained, Sandy CLAY (CL)	
5				16.0				Loose, moist, gray, fine grained, poorly graded SAND (SP)	
				12.9					
				128.0				Becomes brown	
				88.0					
				87.1					
10		60		634.1			SP	Becomes light gray to gray	
				1138					
15		60		850.1					
				1207					
20								Bottom of boring at 20 bgs	

Boring Depth: **20.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-16

Page Of

Completion Date: 10/4/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.97

Coord nates
North ng:792525.80
East ng:2322308.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							GP	GRAVEL	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				237.8				Soft, dry to moist, black, Gravelly CLAY (CL)	
				145.0					
				250.0				Gravel grades out	
				140.1			CL		
5				150.2					
				233.6					
				530.6					
				400.1			SP	Loose, moist, black, fine grained SAND (SP)	
				615.3			CL	Loose, moist, black, fine grained, Sandy CLAY (CL)	
10		60		1086			SM	Loose, moist, brown to gray, fine grained poorly graded, Silty SAND (SM)	Hydrocarbon odor
				1088					
15		60		1107					
				1128					
20								Bottom of boring at 20 bgs	

Boring Depth: 20.0 ft bgs
Project No.: 21562593
Project Name: Roxana SVE System
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Dual-tube Geoprobe/6 1/4" HSA
Rig Type: CME-75
Drilled by: P. Seymour/E. Wetzel
Logged by: S. Wrightson

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-17

Page Of

Completion Date: 10/5/11
Casing Elevation: Not Surveyed
Ground Elevation: 444.42

Coord nates
North ng:792410.10
East ng:2322314.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbo	USCS	DESCRIPTION	NOTES
							GP	Loose GRAVEL	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				901.7				Soft, dry to moist, black, Gravelly CLAY (CL)	
				922.8				Gravel grades out	
				998.1			CL		
5				876.8					
				405.0				Loose, dry to moist, brown, fine grained SAND (SP)	
				304.8					
				354.2					
				311.1			SP		
10								Becomes moist, light gray to brown, fine to medium grained	Hydrocarbon odor
		60		325					
							ML	Soft, wet, gray, Clayey SILT (ML)	
				291				Loose, moist, light gray to brown, fine to medium grained SAND (SP)	
15									
				1134			SP		
		60							
				448					
20								Bottom of boring at 20 bgs	

Boring Depth: 20.0 ft bgs
Project No.: 21562593
Project Name: Roxana SVE System
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Dual-tube Geoprobe/6 1/4" HSA
Rig Type: CME-75
Drilled by: P. Seymour/E. Wetzel
Logged by: S. Wrightson

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-18

Page Of

Completion Date: 10/4/11
Casing Elevation: Not Surveyed
Ground Elevation: 444.93

Coord nates
North ng:792285.20
East ng:2322321.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							GP	Loose Gravel	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				7.6				Soft, dry, black, Gravelly CLAY (CL)	
				22.5					
				16.5				Medium stiff, dry to moist, black CLAY (CL)	
				251.6			CL	Becomes soft	
5				274.1					
				362.3				Loose, moist to dry, black, fine grained, Sandy CLAY (CL)	
				350.2					
				370.6				Loose, brown, moist to dry, fine grained, poorly graded SAND (SP)	
				97.5					
10								Becomes moist, light brown, fine to medium grained	Hydrocarbon odor
		60		506.5			SP		
				768.4					
15									
		60		607.2					
				876.6			CL	Soft, moist, dark gray, Silty CLAY (CL)	Hydrocarbon odor
20							SP	Loose, moist, light brown, fine to medium grained, poorly graded SAND (SP)	
								Bottom of boring at 20 bgs	

Boring Depth: **20.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-19

Page Of

Completion Date: 9/26/11
Casing Elevation: Not Surveyed
Ground Elevation: 444.44

Coord nates
North ng:792168.00
East ng:2322333.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							GP	Loose GRAVEL	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				15.4			CL	Soft, dry, black CLAY (CL)	
				11.4					
				5.1				Becomes dry to moist, Sandy	
				0.5			SP	Loose, dry to moist, brown, fine grained SAND (SP)	
5				2.3				Medium stiff, dry to moist, brownish gray, fine grained, Sandy CLAY (CL)	
				1.5					
				0.9			CL		
				1.4					
				0.3					
10		60		1.7			SP	Loose, moist, light brown to gray, fine to medium grained, poorly graded SAND(SP)	
				10.6				▽	
15		60		21.7			SM	Loose to medium dense, wet, dark gray to black, fine to medium grained, Silty SAND (SM)	Hydrocarbon odor
				24.3					
20								Bottom of boring at 20 bgs	

Boring Depth: **20.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 15 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-20

Completion Date: 9/29/11
Casing Elevation: Not Surveyed
Ground Elevation: 444.67

Coord nates
North ng:492047.60
East ng:2322341.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							GP	Loose GRAVEL	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				4.0				Loose, dry, black, CLAY (CL)	
				35.7				Becomes loose to stiff, moist to wet	
				16.6				Becomes loose, blackish gray, Sandy	
5				33.4			CL		
				13.8					
				9.3					
				9.8					
				2.0					
10		60	41	29.2			SP	Loose to medium dense, moist, black to grayish brown, fine to medium grained, poorly graded SAND (SP)	Hydrocarbon odor and staining
				253.6					
15		60	46	351.3				Becomes loose, light brown to grayish brown, fine grained	Hydrocatbon odor
				57.3					
20		60	48	921.7				Becomes light brown 3" stiff silt lens	
				1348					

Boring Depth: **35.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 3 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-20

Completion Date: 9/29/11
Casing Elevation: Not Surveyed
Ground Elevation: 444.67

Coord nates
North ng:492047.60
East ng:2322341.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		60		634.7				Loose, moist, light brown, fine grained, poorly graded SAND (SP)	
								Coarsening with depth	
				196.4					
30							SP	Becomes medium grained	Hydrocarbon odor and staining
		60		113.7					
				140.7				With thin clay lamillae	
35								Bottom of boring at 35 bgs	
40									
45									

Boring Depth: 35.0 ft bgs
Project No.: 21562593
Project Name: Roxana SVE System
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Dual-tube Geoprobe/6 1/4" HSA
Rig Type: CME-75
Drilled by: P. Seymour/E. Wetzel
Logged by: S. Wrightson

URS

Water Depth: 3 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling

Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-21

Completion Date: 10/10/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.29

Coord nates
North ng:792024.80
East ng:2322190.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							TOPSOIL	TOPSOIL	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				0.5				Dense, dry, brown SILT (ML)	
				1.3				Becomes Sandy	
				2.5			ML		
				1.1					
5				0.9				Dense, dry, brown, fine grained, poorly graded SAND (SP)	
				0.5					
				0.7					
				1.5					
				0.7					
10		24		0.2				Becomes moist, light brown to brown	
		48		0.4					
				0.3			SP		
15		48		0.3				Becomes loose, red to black	
				0.5					
20		48		0.1			SP	Becomes light brown to brown	
				0.2				3" Silty lens	

Boring Depth: **36.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-21

Completion Date: 10/10/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.29

Coord nates
North ng:792024.80
East ng:2322190.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
30		48		0.6				SAME: Loose, moist, light brown to brown, fine grained, poorly graded SAND (SP)	
				1.3					
		48		0.7			SP		
				0.8					
35		48		0.5					
				0.4					
								Bottom of boring at 36 bgs	
40									
45									

Boring Depth: **36.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-22

Completion Date: 10/11/11
Casing Elevation: Not Surveyed
Ground Elevation: 439.37

Coord nates
North ng:792020.50
East ng:2322014.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							TOPSOIL	TOPSOIL	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				0.3				Stiff, dry, light brown, Sandy SILT (ML)	
				0.4					
				0.4			ML	Becomes brown	
				1.1					
5				0.5				Dense, dry, light brown SAND (SP)	
				0.6			SP		
				0.5			SM	Dense, dry, light brown, Silty SAND (SM)	
				0.3				Dense, dry, light brown, medium grained, poorly graded SAND (SP)	
				0.2					
10		24		0.0				Becomes loose, moist, brown	
		48		0.1					
15				0.2				Becomes fine to medium grained	
		48		0.6			SP		
				0.9					
20		48		0.9					
				0.5					

Boring Depth: **36.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 34 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-22

Completion Date: 10/11/11
Casing Elevation: Not Surveyed
Ground Elevation: 439.37

Coord nates
North ng:792020.50
East ng:2322014.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		48		0.3 0.8				SAME: Loose, moist, brown, fine grained, poorly graded SAND (SP) 3" laminated organic material	
30		48		1.0 15.4			SP		
		48		9853 15000				Becomes fine to medium grained Becomes wet, light brown to gray	
35								Bottom of boring at 36 bgs	
40									
45									

Boring Depth: **36.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 34 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling

Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-23

Completion Date: 10/11/11
Casing Elevation: Not Surveyed
Ground Elevation: 430.75

Coord nates
North ng:792019.70
East ng:2321846.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							GP	Loose GRAVEL	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				0.4				Soft, dry, brown, Gravelly CLAY (CL)	
				0.5					
				0.8				Becomes dry to moist, dark brown, gravel grades out	
				0.3					
5				0.2			CL	Becomes medium stiff, brown	
				0.3				Becomes Gravelly	
				0.6				Gravel grades out	
				0.3				Becomes Sandy	
				0.4				Loose, dry, brown, medium grained, Gravelly SAND (SP)	
10								Loose, moist, light brown, fine to medium grained, poorly graded SAND (SP)	
				0.0					
				0.0					
15									
				0.1			SP		
				0.0					
				0.0					
20									
				0.0					
				0.0				Thin laminations black organic material	

Boring Depth: **36.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 26 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-23

Completion Date: 10/11/11
Casing Elevation: Not Surveyed
Ground Elevation: 430.75

Coord nates
North ng:792019.70
East ng:2321846.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
30				0.0 0.4 0.2			SP	Loose, moist, light brown, medium grained, poorly graded, SAND (SP) ▽ Becomes wet	
				0.0 0.2 0.7					
35								Bottom of boring at 36 bgs	
40									
45									

Boring Depth: **36.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 26 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-24

Completion Date: 10/12/11
Casing Elevation: Not Surveyed
Ground Elevation: 434.22

Coord nates
North ng:791880.60
East ng:2321944.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
				0.2			FILL	Dry dense gray, Sandy Gravel (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				0.2				Loose, dry to moist, brown, medium grained Sand (FILL)	
				0.2			SC	Loose, dry, dark brown, Clayey SAND (SC)	
				0.1					
5				0.2				Loose, moist to wet, brown, fine grained, poorly graded SAND (SP), with silt	
				0.5				Becomes dark brown	
				0.4					
				2.6				Becomes brown	
				12.3					
10		24		82.1				Becomes moist, gray to brown, fine to medium grained Silt grades out	Hydrocarbon odor
		48		12.3			SP		
15		48		35.7				Becomes gray to dark gray, thinly laminated	
20		48		0.0				Becomes wet, brown to gray	

Boring Depth: 36.0 ft bgs
Project No.: 21562593
Project Name: Roxana SVE System
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Dual-tube Geoprobe/6 1/4" HSA
Rig Type: CME-75
Drilled by: P. Seymour/E. Wetzel
Logged by: S. Wrightson

URS

Water Depth: 20 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-24

Completion Date: 10/12/11
Casing Elevation: Not Surveyed
Ground Elevation: 434.22

Coord nates
North ng:791880.60
East ng:2321944.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		48		296				Loose, wet, brown to gray, fine to medium grained, poorly graded SAND (SP)	Hydrocarbon odor
30		48		2500					
35		48		2027					
								Bottom of boring at 36 bgs	
40									
45									

Boring Depth: **36.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 20 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-25

Completion Date: 5/3/11
Casing Elevation: Not Surveyed
Ground Elevation: 442.00

Coord nates
North ng:793307.69
East ng:2322206.71

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							ASPHALT	ASPHALT	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA.
							GRAVEL	Gravel (FILL)	
				3.2			FILL	Medium stiff, moist, brown, low plastic, Silty CLAY (FILL), with fine sand	
				1.7					
				1.4					
				2.2				Silt grades out, becomes sandy	
5				8.2				Medium dense, moist, brown, fine grained SAND (SP), trace clay	
				76.5				Clay grades out	
				45.2					
				10.7					
10		24	16	20.7				Becomes loose	
		24	16	158.8				1" soft, moist to wet, gray, low plastic CLAY (CL)	
		12	0				SP	Becomes clayey	
15		24	20	20.8				Becomes medium dense, dry, light brown, clay grades out	SVE 3 installed in adjacent boring to SVE 25.
				104.2					
		24	20	305.9					
20		24	20	206.3				Becomes light brown and gray	
		24	18	91.3					
		24	16	197.0					

Boring Depth: **27.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Enviromental Drilling Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-55**
Drilled by: **B. Schilling**
Logged by: **M. Miller**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-25

Completion Date: 5/3/11
Casing Elevation: Not Surveyed
Ground Elevation: 442.00

Coord nates
North ng:793307.69
East ng:2322206.71

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		24	16	54.0			SP	SAME: Medium dense, dry, light brown and gray, fine grained SAND (SP)	
								Bottom of Boring at 27' bgs (Auger) and 25' bgs (Split spoon)	
30									
35									
40									
45									

Boring Depth: **27.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Enviromental Drilling Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-55**
Drilled by: **B. Schilling**
Logged by: **M. Miller**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-26

Completion Date: 10/12/11
Casing Elevation: Not Surveyed
Ground Elevation: 435.60

Coord nates
North ng:791889.40
East ng:2322084.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
				0.7			FILL	GRAVEL (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				0.6				Loose, dry to moist, brown, fine grained SAND (FILL)	
				0.2				Hard, dry, brown CLAY (FILL)	
				0.4				Loose, dry to moist, brown, medium grained SAND (FILL)	
5				0.5				Loose, dry, brown, Clayey SAND (FILL)	
				0.5			SP	Loose, dry, brown, medium grained SAND (SP)	
				0.5					
				0.5			SC	Loose, dry to moist, brown, clayey SAND (SC)	
				0.2			SP	Loose, dry, light gray, medium grained, poorly graded SAND (SP)	
10		60		0.7					
				0.9					
15		60		44.6					
				8.6					
				12.2					
20		60		2.3					
				9.3					

Boring Depth: **36.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 29 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-26

Completion Date: 10/12/11
Casing Elevation: Not Surveyed
Ground Elevation: 435.60

Coord nates
North ng:791889.40
East ng:2322084.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
30		60		28.6 32.4 239			SP	Loose, dry, light gray to black, fine grained, poorly graded SAND (SP) Becomes wet, gray to black	Hydrocarbon odor
		60		942 2614 55.2					
35		12						Bottom of boring at 36 bgs	
40									
45									

Boring Depth: 36.0 ft bgs
Project No.: 21562593
Project Name: Roxana SVE System
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Dual-tube Geoprobe/6 1/4" HSA
Rig Type: CME-75
Drilled by: P. Seymour/E. Wetzel
Logged by: S. Wrightson

Water Depth: 29 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-27

Completion Date: 10/11/11
Casing Elevation: Not Surveyed
Ground Elevation: 435.93

Coord nates
North ng:791860.10
East ng:2322231.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
5				0.7 0.9 1.0 0.8 0.7 0.5 0.3 0.4 0.4			FILL	Loose, dry, brown, medium grained SAND (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
10		24		1.8			SP	Loose, light brown to gray, fine to medium grained, poorly graded SAND (SP)	
15		48		113 5.3			SM	Loose, moist, dark gray, fine grained, poorly graded, Silty SAND (SM)	hydrocarbon odor and staining hydrocarbon odor
20		48		7.6 22.4				Loose, dry, dark gray, fine grained, poorly graded SAND (SP)	
		48		21.2 55.3				Becomes medium grained	

Boring Depth: **36.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 29 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-27

Completion Date: 10/11/11
Casing Elevation: Not Surveyed
Ground Elevation: 435.93

Coord nates
North ng:791860.10
East ng:2322231.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		48		72.2				SAME: Loose, dry, dark gray, medium grained , poorly graded SAND (SP)	hydrocarbon odor
				25.7					
30		48		320.7			SP	Becomes wet, fine grained	
		48		6000					
35				1196					
								Bottom of boring at 36 bgs	
40									
45									

Boring Depth: **36.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 29 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-28

Completion Date: 10/3/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.94

Coord nates
North ng:793624.50
East ng:2322284.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
				5.6			FILL	GRAVEL (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				23.6				Loose, dry, brown, clayey SAND (FILL)	
				19.2				Soft, moist, dark brown, low plastic, Silty CLAY (FILL)	
				24.4				With sand	
5				10.2			SM	Loose, dry, light brown, fine grained, SIlty SAND (SM)	
				23.5					
				39.2					
				54.7			SP	Loose, dry, light brown, fine grained, poorly graded SAND (SP)	
				26.9					
10		24	24	16.1					
		48	48	30.8					
15									
		48	36	19.3					Slight hydrocarbon odor
				7.2					
20								3 inches CLAY lens	
		48	24	11.8					
				13.5					

Boring Depth: 51.5 ft bgs
Project No.: 21562593
Project Name: Roxana SVE System
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Dual-tube Geoprobe/6 1/4" HSA
Rig Type: CME-75
Drilled by: P. Seymour/E. Wetzel
Logged by: S. Wrightson

URS

Water Depth: 36 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-28

Completion Date: 10/3/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.94

Coord nates
North ng:793624.50
East ng:2322284.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbo	USCS	DESCRIPTION	NOTES
		48	24	1.5 3.7				SAME: Loose, dry, light brown, fine grained, poorly graded SAND (SP) Becomes fine to medium grained	
30		48	36	8.9 9.1					
							ML	Soft, dry, very fine grained SILT (ML)	
		48	48	22.4 7.6				Loose, dry, light brown, fine grained, poorly graded SAND (SP)	
35								▽	
		48	48	74.0 70.2			SP	Becomes wet, brown to gray	
40		24	16	26.0					Hydrocarbon odor
		24	17	32.0					
		24	23	97.0			CL	Medium stiff, wet, gray, low plastic CLAY (CL)	
45		24	24	421.5			SP	Loose, wet, gray to brown, fine grained, poorly graded SAND (SP)	
		24	22	297.3					

Boring Depth: **51.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 36 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-28

Completion Date: 10/3/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.94

Coord nates
North ng:793624.50
East ng:2322284.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		18	18	446.0			SP	Loose, wet, brown to gray, medium grained, poorly graded SAND (SP)	
								Botto of boring at 51.5' bgs	
55									
60									
65									
70									

Boring Depth: 51.5 ft bgs
Project No.: 21562593
Project Name: Roxana SVE System
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Dual-tube Geoprobe/6 1/4" HSA
Rig Type: CME-75
Drilled by: P. Seymour/E. Wetzel
Logged by: S. Wrightson

URS

Water Depth: 36 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling

Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-29

Completion Date: 10/4/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.93

Coord nates
North ng:793537.30
East ng:2322292.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
				6.8			FILL	GRAVEL (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				365				Soft, moist, brown, silty CLAY (CL)	
				9.2				Becoming gray, with sand	
5				37.5			SM	Loose, moist, gray, fine grained, Silty SAND (SM)	
				15.1					
				15.8					
				19.7					
				68.2					
				127					
10		60		24.8			SP	Loose, moist, light gray to brown, coarse grained, poorly graded SAND (SP)	
				48.7					
15		60		19.3				Becomes light to dark gray, fine grained	Hydrocarbon odor
				44.6				1 inch interbedded clayey silt	
20		60		455.0				Becomes dry	
				374.2					

Boring Depth: **31.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 30 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-29

Completion Date: 10/4/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.93

Coord nates
North ng:793537.30
East ng:2322292.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
30		60		657.4			SP	SAME: Loose, dry, light to dark gray, fine grained, poorly graded SAND (SP)	Hydrocarbon odor
				74.9					
		12		13.6				Becomes wet ▽	
								Bottom of boring at 31 bgs	
35									
40									
45									

Boring Depth: **31.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 30 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-30

Completion Date: 10/5/11
Casing Elevation: Not Surveyed
Ground Elevation: 442.67

Coord nates
North ng:793423.40
East ng:2322291.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbo	USCS	DESCRIPTION	NOTES
								GRAVEL (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				608.3				Stiff, dry, black, Gravelly CLAY (FILL)	
				994.9				Stiff, dry, black CLAY (FILL)	
				1554				Becomes soft	
				368.5					
5				126.9			FILL		
				162.9					
				456.2					
				1238				Soft, dry to moist, black, Sandy CLAY (FILL)	
				1044				▽	
10		60		902.7				Loose, wet, dark brownish gray, fine grained, poorly graded SAND (SP)	Hydrocarbon odor
				325.7					
15		60		537.0			SP		
				935.4					
20		60		370.2					
				263.7			ML	Medium stiff to stiff, reddish brown, wet, olive gray, Clayey SILT (ML)	

Boring Depth: **35.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 10 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-30

Completion Date: 10/5/11
Casing Elevation: Not Surveyed
Ground Elevation: 442.67

Coord nates
North ng:793423.40
East ng:2322291.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		60		300.8			SP	Loose, moist, light brown, fine grained, poorly graded SAND (SP)	Slight hydrocarbon odor
							ML	Medium stiff, wet, olive gray, Clayey SILT (ML)	
				260.8			SM	Dense, moist, brownish gray, fine grained, poorly graded, Silty SAND (SM)	
30		60		99.0			ML	Medium stiff, wet clayey SILT, with interbedded clay lenses	
				102.1			SP	Loose, moist, olive brown, poorly graded SAND (SP)	
35								Bottom of boring at 35 bgs	
40									
45									

Boring Depth: **35.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 10 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-31

Completion Date: 10/6/11
Casing Elevation: Not Surveyed
Ground Elevation: 442.81

Coord nates
North ng:793304.40
East ng:2322301.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
							ASPHALT	ASPHALT	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				38.4				GRAVEL (FILL)	
				254.9			FILL	Soft, dark brown SILT (FILL), with fine grained sand	
				308.8					
				15000+				Soft, moist, dark gray, very fine grained, Sandy SILT (ML)	
5				15000+			ML		
				15000+					
				4356				Loose, dry, light brown, fine grained, poorly graded SAND (SP)	
				15000+					
				1937					
10		60	42	1117					Slight hydrocarbon odor
				384.2					
15		60	42	944.9			SP		Hydrocarbon staining
				656.4					
20		60	50	235.4					End of hydrocarbon staining
				222.4					

Boring Depth: **35.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-31

Completion Date: 10/6/11
Casing Elevation: Not Surveyed
Ground Elevation: 442.81

Coord nates
North ng:793304.40
East ng:2322301.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
30		60	50	179.8 249.6			SP	SAME: Loose, dry, light brown, fine grained, poorly graded SAND (SP)	Slight hydrocarbon odor
		60	36	933.5 944.6				Loose, dry, light brown, fine to medium grained, poorly sorted SAND (SP), hydrocarbon odor ~3" of clay seam	
35								Bottom of boring at 35 bgs	
40									
45									

Boring Depth: **35.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-32

Completion Date: 10/7/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.63

Coord nates
North ng:793184.60
East ng:2322302.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbo	USCS	DESCRIPTION	NOTES
				18.8				GRAVEL (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				9.5			FILL		
				14.8				Soft, brown, low plastic, Silty CLAY (FILL)	
				14.5				Loose, brown, Sandy SILT (FILL)	Hydrocarbon odor
5				14.7				Loose, light brown SAND (SP)	
				933.5				Becomes dark gray	Strong hydrocarbon odor
				956.7					
				818.7					
				902.5					
10		60	33	713.8			SP	Loose, moist, brown, fine grained, poorly graded SAND (SP)	Hydrocarbon odor
				684.9					
15		60	46	938.8			ML	Medium stiff, moist, gray to olive gray, Clayey SILT (ML)	
				889.7				Loose, moist, brown, fine grained, poorly graded, SAND (SP), some silt	
20		60	42	808.1			SP	Becomes light brown	Hydrocarbon odor and staining
				378.4					

Boring Depth: **35.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-32

Completion Date: 10/7/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.63

Coord nates
North ng:793184.60
East ng:2322302.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
30		60	42	831.2 356.1			SP	SAME: Loose, moist, light brown, fine grained, poorly graded SAND (SP)	Hydrocarbon odor and staining
		60	42	1006 932.6					
35								Bottom of boring at 35 bgs	
40									
45									

Boring Depth: **35.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-33

Completion Date: 10/10/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.46

Coord nates
North ng:793065.50
East ng:2322299.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbo	USCS	DESCRIPTION	NOTES
								GRAVEL (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				1.0				Loose, dry, dark brown, Gravelly CLAY (FILL)	
				502.5					
				593.2					
				803.6				Loose, dry to moist, black CLAY (FILL)	
5				924.0			FILL	Loose, moist, black, fine grained, Sandy CLAY (FILL)	
				755.5				Medium stiff, moist to wet, black, fine grained, Sandy CLAY (FILL)	
				953.2					
				955.1					
				1038					
10		60	42	1065				Medium dense, moist, brown to olive gray, very fine grained, porly graded SAND (SP)	Hydrocarbon odor
				1083					
15		60	42	981.4			SP		Slight hydrocarbon odor and staining
				1046					
20		60	50	926.6					
							ML	Medium stiff to stiff, wet, Clayey SILT (ML)	Hydrocarbon odor
				753.5			SP	Medium dense, dry, light reddish brown, fine to medium grained, poorly graded SAND (SP)	

Boring Depth: **35.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-33

Completion Date: 10/10/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.46

Coord nates
North ng:793065.50
East ng:2322299.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
30		60	50	693.4 743.4			SP	SAME: Medium dense, dry, light reddish brown, fine to medium grained, poorly graded SAND (SP)	Hydrocarbon odor
		60	36	59.3 324.8					
35								Bottom of boring 35' bgs	
40									
45									

Boring Depth: **35.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-34

Completion Date: 10/6/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.76

Coord nates
North ng:792945.20
East ng:2322298.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbo	USCS	DESCRIPTION	NOTES
				4.0				GRAVEL (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				166.8				Loose, dry, black, Gravelly CLAY (FILL)	
				72.4					
				54.5			FILL	Medium stiff, wet, black, Gravelly CLAY (FILL)	
5				589.6				Soft to medium stiff, wet, black fine grained, Sandy CLAY (FILL)	
				885.1					
				358.8					
				852.4					
				846.4			CL	Soft, dry to moist, gray, Silty CLAY (CL)	
10		24		730.1				Stiff, gray, SILT (ML)	Hydrocarbon odor
		48		939.2			ML	Becomes brown, sandy	
15				760.7					
		48		422.2					
				649.5				Loose, dry, gray, SAND (SP)	
20		48		844.1			SP		
				627.9					

Boring Depth: **45.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 39 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-34

Completion Date: 10/6/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.76

Coord nates
North ng:792945.20
East ng:2322298.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbo	USCS	DESCRIPTION	NOTES
		48		446.4				Loose, dry, brown, SAND (SP), with intermittent clay lenses	Hydrocarbon odor
				941.8					
		48		592.9				Clay lenses grade out	
30				538.1					
		48		926.0					
35				723.2			SP		
		48		759.1					Hydrocarbon odor
				466.3				▽ Becomes wet	
40		48		652.9				Becomes light brown to gray	
				389.8					
		12						NO RECOVERY	
45								Bottom of boring at 45 bgs	

Boring Depth: **45.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 39 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-35

Completion Date: 9/28/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.84

Coord nates
North ng:792825.50
East ng:2322304.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbo	USCS	DESCRIPTION	NOTES
				19.8				Loose, wet, black, Gravelly CLAY (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				630.2				Soft, dry to moist, black, CLAY (FILL)	
				152.7					
				763.5			FILL	Loose, dry to moist, brown, fine grained, poorly graded SAND (SP)	
5				149.7					
				178.9					
				634.2					
				258.2					
				147.1					
10		24		1236			SP	Becomes light gray to gray	Hydrocarbon odor
		48		1031				trace silt	
15				1264					
		48		1468			SM	Loose, moist, dark gray, Silty SAND (SM)	Hydrocarbon odor and staining
				180.2					
20		48		17.7			SP	Loose, moist, light brown, poorly graded SAND (SP)	No odor or staining
				8.9					

Boring Depth: **41.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 36 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-35

Completion Date: 9/28/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.84

Coord nates
North ng:792825.50
East ng:2322304.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		48		35.1				SAME: Loose, moist, light brown, poorly graded SAND (SP)	
				15.3					
		48		39.7				Becomes reddish brown	
30				19.2					
		48		87.2			SP	Becomes brown	Hydrocarbon odor and staining
35				38.4					
		48		49.6				Becomes wet, light brown to gray	No odor
				106.3					
40		48		99.8				Bottomo boring at 41' bgs	
		12							
45									

Boring Depth: **41.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe/6 1/4" HSA** Rig Type: **CME-75**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 36 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling

Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-36

Page Of

Completion Date: 9/26/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.65

Coord nates
North ng:792043.00
East ng:2322307.00

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
				314.1			FILL	Loose GRAVEL (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Lithology logged by geoprobe boring. Well installed by overdrilling geoprobe boring.
				123.4				Loose, dry, brown, gravelly CLAY (FILL)	
				201.0				Loose, dry brown, CLAY (FILL)	
				5.9			CL	Medium stiff, moist to wet, brown, fine grained, Sandy CLAY (CL)	
5				6.6				Becomes, moist to dry	
				771.5					
				456.5					
				341.7					
				680.5					
10		60		212.2			SP	Loose, moist, light brown to brown, fine grained, poorly graded SAND (SP)	hydrocarbon odor
				10.8					
15		60		13.2				Becomes light brown	
				39.5			SP		
20								Bottom of boring at 20 bgs	

Boring Depth: 20.0 ft bgs
Project No.: 21562593
Project Name: Roxana SVE System
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Dual-tube Geoprobe/6 1/4" HSA
Rig Type: AMS Power-probe
Drilled by: P. Seymour/E. Wetzel
Logged by: S. Wrightson

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 8/2/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-37

Start Date: 9/13/13
Completion Date: 9/13/13
Casing Elevation: Not Installed
Ground Elevation: ~444

Coord nates
North ng:793780.97
East ng:2322274.20

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							FILL	Asphalt and Gravel (FILL)	
				0.0					
							ML	Loose, dry, brown, fine grained Sandy SILT (ML)	
				0.0					
5									
				0.0					
								Loose, dry, brown, fine grained SAND (SP), with silt	
10				1.3					
				2.2					
15							SP		
				2.1					
				2.1					
20									
				1.8				Becomes medium grained, without silt	
				3.0					

Boring Depth: 35.0 ft bgs
Project No.: 21562850.18001
Project Name: SVE Extension
Drilling Contractor: Roberts Environmental Drilling Co.
Drilling method: Probe & HSA Rig Type: DT 8040
Drilled by: P. Seymore
Logged by: E. Arthur

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

- ▽ Water level at time of drilling
- ▼ Water level after drilling
- ATD At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger Sampler
- Air Rotary
- Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL Y:\G N \PROJEC S\21562850 18001 (ROXANA SVES 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/2/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-37

Start Date: 9/13/13
Completion Date: 9/13/13
Casing Elevation: Not Installed
Ground Elevation: ~444

Coord nates
North ng:793780.97
East ng:2322274.20

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
30				1.8			SP	Same: Loose, dry, brown, medium grained SAND (SP), without silt	
				1.7					
				2.6					
							ML	Loose, wet, gray, very fine SILT (ML)	
				84.5			SP	Loose, wet, gray, coarse grained SAND (SP)	
35							ML	Stiff, wet, gray, very fine Clayey SILT (ML)	
								Bottom of boring at 35' bgs	
40									
45									

Boring Depth: **35.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Extension**
Drilling Contractor: **Roberts Environmental Drilling Co.**
Drilling method: **Probe & HSA** Rig Type: **DT 8040**
Drilled by: **P. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

- Water level at time of drilling
- Water level after drilling
- ATD At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger Sampler
- Air Rotary
- Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL Y:\G N \PROJEC S\21562850 18001 (ROXANA SVES 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/2/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-38

Start Date: 9/16/13
Completion Date: 9/16/13
Casing Elevation: Not Installed
Ground Elevation: ~444

Coord nates
North ng:793895.21
East ng:2322269.10

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							FILL	Asphalt and Gravel (FILL)	
				0.6				Loose, wet, brown, very fine grained Clayey SILT (ML)	
5				1.4			ML		
				1.5					
				1.4			SC	Loose, wet, brown, fine grained Clayey SAND (SC)	
10		24	20	0.0			ML	Loose, dry, brown, very fine grained SILT (ML), with clay	
		24	20	0.1			SP	Loose, dry, brown, fine grained SAND (SP)	
15		24	19	0.2				Grades to medium grained	
		24	18	0.1					
		24	20	0.1				With fine grained sand	
20		24	21	6.4				Becomes medium grained	
							CL	Medium stiff, moist, gray, low plastic CLAY (CL)	
		24	21	5.9			ML	Loose, dry, gray, very fine grained Sandy SILT (ML), with fine grained sand	

Boring Depth: **36.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Extension**
Drilling Contractor: **Roberts Environmental Drilling Co.**
Drilling method: **Probe & HSA** Rig Type: **DT 8040**
Drilled by: **P. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

- Water level at time of drilling
- Water level after drilling
- ATD At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger Sampler
- Air Rotary
- Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL Y:\G N \PROJEC S\21562850 18001 (ROXANA SVES 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/2/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-38

Start Date: 9/16/13
Completion Date: 9/16/13
Casing Elevation: Not Installed
Ground Elevation: ~444

Coord nates
North ng:793895.21
East ng:2322269.10

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		24	18	7.2				Same: Loose, dry, gray, fine grained Sandy SILT (ML)	
		24	20	10.74					
		24	22	11.8			ML		
30		24	20	5.1				Becomes moist Becomes wet Becomes clayey	
		24	16	16.0					
		24	22	47.8			SP	Loose, dry, gray, medium coarse grained SAND (SP)	
35							ML	Loose, moist, gray, very fine Sandy SILT (ML)	Auger stopped at 35'
								Bottom of boring at 36' bgs	Splitspoon driven to 36'
40									
45									

Boring Depth: **36.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Extension**
Drilling Contractor: **Roberts Environmental Drilling Co.**
Drilling method: **Probe & HSA** Rig Type: **DT 8040**
Drilled by: **P. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL Y:\G N \PROJEC S\21562850 18001 (ROXANA SVES 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/2/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-39

Start Date: 9/17/13
Completion Date: 9/17/13
Casing Elevation: Not Installed
Ground Elevation: ~444.5

Coord nates
North ng:794002.37
East ng:2322267.16

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							FILL	Asphalt and Gravel (FILL)	
				0.2			ML	Loose, wet, brown, very fine, Clayey SILT (ML)	
5				4.1			SM	Loose, dry, gray, fine Silty SAND (SM)	
				7.8					
				8.6			SP	Loose, dry, brown, fine SAND (SP)	
10		24	18	0.5			ML	Loose, dry, gray, very fine SILT (ML)	
		24	22	1.6			SP	Loose, dry, brown, fine grained SAND (SP) Becomes gray	
15		24	22	2.0					
		24	20	5.2				Becomes moist	
		24	21	5.1					
20		24	19	10.7				Becomes, gray, medium grained	
		24	20	7.0					
							ML	Loose, moist, gray very fine SILT (ML), with medium grained sand	
							SP	Loose, moist, brown, medium coarse grained SAND (SP)	

Boring Depth: **36.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Extension**
Drilling Contractor: **Roberts Environmental Drilling Co.**
Drilling method: **Probe & HSA** Rig Type: **DT 8040**
Drilled by: **P. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

- ▽ Water level at time of drilling
- ▼ Water level after drilling
- ATD At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger Sampler
- Air Rotary
- Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL Y:\G N \PROJEC S\21562850 18001 (ROXANA SVES 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/2/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-39

Start Date: 9/17/13
Completion Date: 9/17/13
Casing Elevation: Not Installed
Ground Elevation: ~444.5

Coord nates
North ng:794002.37
East ng:2322267.16

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		24	19	15.7				Same: Loose, moist, brown, medium coarse grained SAND (SP)	
		24	15	15.5			SP		
							CL	Soft, moist, gray, low plastic CLAY (CL)	
		24	16	6.4			ML	Loose, moist, gray, very fine SILT (ML)	
							SP	Loose, moist, grayish brown, medium coarse grained SAND (SP)	
							ML	Loose, moist, gray, very fine SILT (ML)	
30		24	15	24.3			SP	Loose, moist, brown, medium coarse SAND (SP)	
		24	18	9.4					
35		24	20	17.2			ML	Loose, moist, gray, very fine SILT (ML)	Augers stopped at 35'
							SP	Loose, moist, brown, medium coarse grained SAND (SP)	Split spoons driven to 36'
								Bottom of boring at 36' bgs	
40									
45									

Boring Depth: **36.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Extension**
Drilling Contractor: **Roberts Environmental Drilling Co.**
Drilling method: **Probe & HSA** Rig Type: **DT 8040**
Drilled by: **P. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

- Water level at time of drilling
- Water level after drilling
- ATD At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger Sampler
- Air Rotary
- Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL Y:\G N \PROJEC S\21562850 18001 (ROXANA SVES 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/2/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-40

Start Date: 9/18/13
Completion Date: 9/18/13
Casing Elevation: Not Installed
Ground Elevation: ~444

Coord nates
North ng:794126.18
East ng:2322262.63

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							FILL	Asphalt and Gravel (FILL)	
				0.4			ML	Loose, moist, brown, very fine Sandy SILT (ML)	
5				3.7			SM	Loose, moist, brown, fine Silty SAND (SM)	
				2.9				Loose, moist, gray, fine grained SAND (SP)	
				18.3					
10		24	6	0.8				Becomes brownish gray, dry	
		24	22	3.2				Becomes light brown	
15		24	22	2.1			SP	Becomes medium grained	
		24	20	7.0					
		24	19	4.8				Becomes gray	
20		24	20	5.4				Becomes moist, gray	
		24	22	6.9					
								Grades to medium grained	

Boring Depth: **35.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Extension**
Drilling Contractor: **Roberts Environmental Drilling Co.**
Drilling method: **Probe & HSA** Rig Type: **DT 8040**
Drilled by: **P. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

- Water level at time of drilling
- Water level after drilling
- ATD At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger Sampler
- Air Rotary
- Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL Y:\G N \PROJEC S\21562850 18001 (ROXANA SVES 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/2/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-40

Start Date: 9/18/13
Completion Date: 9/18/13
Casing Elevation: Not Installed
Ground Elevation: ~444

Coord nates
North ng:794126.18
East ng:2322262.63

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		24	22	4.9				Loose, moist, ligh brown, medium grained SAND (SP)	
		24	22	3.5			SP	Grades to light brown	
		24	22	3.5				Grades to coarse grained	
30		24	22	10.1			ML	Loose, moist, gray, very fine SILT (ML)	
		24	23	9.7			SP	Loose, moist, brown, coarse grained SAND (SP)	
35		24	22	7.8					Augers stopped at 35'
								Bottom of boring at 36' bgs	Split spoon driven to 36'
40									
45									

Boring Depth: **35.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Extension**
Drilling Contractor: **Roberts Environmental Drilling Co.**
Drilling method: **Probe & HSA** Rig Type: **DT 8040**
Drilled by: **P. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL Y:\G N \PROJEC S\21562850 18001 (ROXANA SVES 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/2/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-41

Start Date: 9/19/13
Completion Date: 9/19/13
Casing Elevation: Not Installed
Ground Elevation: ~443

Coord nates
North ng:794252.11
East ng:2322259.16

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							FILL	Asphalt and Gravel (FILL)	
				2.7			SP	Loose, moist, dark brown, fine grained Silty SAND (SP)	
5				1.4			ML	Loose, moist, brown, very fine SILT (ML) with gravel	
				2.3			SP	Loose, moist, brown, fine grained SAND (SP)	
				1.0					
10		24	22	0.0			ML	Loose, very moist, brown, Clayey SILT (ML)	
		24	21	1.5			SP	Loose, moist, brown, fine to medium grained SAND (SP)	
15		24	22	0.9			SM	Loose, moist, gray, fine grained, Silty SAND (SM)	
		24	22	1.8					
		24	21	1.9				Loose, moist, gray, fine grained SAND (SP)	
20		24	21	1.1			SP	Becomes dry, light brown, medium to coarse grained	
		24	23	0.7					
								Becomes fine grained	

Boring Depth: 35.0 ft bgs
Project No.: 21562850.18001
Project Name: SVE Extension
Drilling Contractor: Roberts Environmental Drilling Co.
Drilling method: Probe & HSA Rig Type: DT 8040
Drilled by: P. Seymore
Logged by: E. Arthur

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

- Water level at time of drilling
- Water level after drilling
- ATD At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger
- Sampler
- Air Rotary
- Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL Y:\G N \PROJEC S\21562850 18001 (ROXANA SVES 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/2/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-41

Start Date: 9/19/13
Completion Date: 9/19/13
Casing Elevation: Not Installed
Ground Elevation: ~443

Coord nates
North ng:794252.11
East ng:2322259.16

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		24	22	1.6			SP	Loose, dry, light brown, fine grained SAND (SP)	
		24	22	0.9			ML	Loose, wet, gray, very fine SILT (ML)	
		24	21	0.4			SP	Loose, wet, gray, medium grained SAND (SP)	
30								Bottom of boring at 30' bgs	
35									
40									
45									

Boring Depth: **35.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Extension**
Drilling Contractor: **Roberts Environmental Drilling Co.**
Drilling method: **Probe & HSA** Rig Type: **DT 8040**
Drilled by: **P. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

- ▽ Water level at time of drilling
- ▼ Water level after drilling
- ATD At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger Sampler
- Air Rotary
- Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL Y:\G N \PROJEC S\21562850 18001 (ROXANA SVES 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/2/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-42

Start Date: 7/29/14
Completion Date: 8/6/14
Casing Elevation: 441.37
Ground Elevation: 442.08

Coord nates
Northing: 793428.34
Easting: 2322228.28

Depth In feet	Well Construction	Inches Driven	Inches Recovered	Blow Counts	PID/FID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					5.1			FILL	Brown, topsoil with gravel (FILL)	Air knifed to 10' bgs to clear underground utilities and obstructions.
					9.3			CL	Brown, Silty CLAY (CL)	
5					5.3			ML	Dry, brown, Clayey SILT (ML)	
					2.9				Becomes sandy, clay grades out	
					8.8				Becomes moist	
10		24	11	2 3 4 5	1.4			SP	Loose, moist, brown, fine grained SAND (SP), with silt	
		24	14	2 3 3 3	2.5				Silt grades out	
15		24	16	1 2 3 4	2.4					
		24	18	2 3 5 5	2.5				Becomes dark brown, fine to medium grained	
		24	16	2 4 5 5	3.5					
20		24	18	2 3 5 8	4.6					
		24	18	4 7 7 10	268			ML	Soft, dry, brown, fine SILT (ML)	Hydrocarbon like odor 22' to 32'
				3 7				SP	Becomes black Loose, dry, light brown, fine grained SAND (SP)	

Completion Depth: 36.0 ft bgs
Project No.: 21562973.19200
Project Name: 4th Street SVE System Extension
Drilling Contractor: Roberts Environmental Drilling Inc.
Drilling method: HSA Rig Type: CME 75
Drilled by: J. Crank
Logged by: E. Arthur

Water Depth: NE ft., After NE hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife
Hand Auger
Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG W/ BLOWCOUN S+1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA 4 H S SVE EX ENS ON (2014).GPJ P:\RESOURCESIG N DA AIG N \ENV RONMEN AL\URSS LEV GLB 12/1/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-42

Start Date: 7/29/14
Completion Date: 8/6/14
Casing Elevation: 441.37
Ground Elevation: 442.08

Coordinates
Northing: 793428.34
Easting: 2322228.28

Depth In feet	Well Construction	Inches Driven	Inches Recovered	Blow Counts	PID/FID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
		24	17	10 13	46.4			SP	Same: Loose, dry, light brown, fine grained SAND (SP)	
		24	21	5 7 7 9	545			CL	Soft, moist, gray, low plastic CLAY (CL)	
		24	22	7 9 13 15	682			ML	Soft, dry, gray, very fine SILT (ML) With sand	
30		24	20	6 9 9 9	645			SP	Loose, dry, gray, fine grained SAND (SP)	
		24	22	3 6 8 10	750			ML	Soft, dry, gray, very fine SILT (ML) Becomes brown, sandy Becomes gray	
		24	20	3 8 11 1	301					
35								SP	Loose, dry, brown, fine grained SAND (SP)	
									Bottom of boring at 36' bgs	
40										
45										

Completion Depth: **36.0 ft bgs**
Project No.: **21562973.19200**
Project Name: **4th Street SVE System Extension**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **CME 75**
Drilled by: **J. Crank**
Logged by: **E. Arthur**

Water Depth: NE ft., After NE hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife
Hand Auger
Sonic
USC based on field visual observations

URS

URS (ENV RON) LOG W/ BLOWCOUN S+1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA 4 H S SVE EX ENS ON (2014).GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN AL\URSS LEV GLB 12/1/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-43

Start Date: 7/29/14
Completion Date: 8/19/14
Casing Elevation: 441.35
Ground Elevation: 442.12

Coord nates
Northing: 793428.73
Easting: 2322147.36

Depth In feet	Well Construct on	Inches Dr ven	Inches Recovered	B ow Counts	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
					9.6			FILL	Brown, topsoil with gravel (FILL)	Air knifed to 10' bgs to clear underground utilities and obstructions.
					7.1					
5					6.3			ML	Dry, brown, sandy SILT (ML)	
					4.2				Beomes moist	
					3.2					
10		24	12	1 1 1 1	3.0			SP	Loose, moist, light brown, fine grained SAND (SP)	
		24	12	2 2 2 2	4.4					
15		24	15	2 2 2 3	4.1				Becomes brown, fine to medium grained	
		24	16	1 2 3 3	4.4					
		24	18	1 3 4 5	3.5					
20		24	19	2 3 2 3	3.9			CL	Soft, moist , brown, low plastic CLAY (CL)	
								ML	Soft, moist, light brown, very fine, Clayey SILT (ML)	
		24	16	3 8 8 11	2.1				Becomes very stiff, dry, light brown, sandy, clay grades out	
				3 8					Becomes soft	

Completion Depth: **36.0 ft bgs**
Project No.: **21562973.19200**
Project Name: **4th Street SVE System Extension**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **CME 75**
Drilled by: **J. Crank/S. Seymore**
Logged by: **E. Arthur**

Water Depth: NE ft., After NE hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife
Hand Auger
Sonic
USC based on field visual observations

URS

URS (ENV RON) LOG W/ BLOWCOUN S+1 WELL P:\RESOURCES\G N DA A\G N \PROJEC S\ROXANA 4 H S SVE EX ENS ON (2014).GPJ P:\RESOURCES\G N DA A\G N \ENV RONMEN AL\URSS LEV GLB 12/1/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-43

Start Date: 7/29/14
Completion Date: 8/19/14
Casing Elevation: 441.35
Ground Elevation: 442.12

Coordinates
Northing: 793428.73
Easting: 2322147.36

Depth In feet	Well Construction	Inches Driven	Inches Recovered	Blow Counts	PID/FID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
		24	19	8 8	2.5			ML	Same: Soft, dry, light brown, Sandy SILT (ML)	
		24	18	3 8 9 9	3.0			SP	Loose, moist, light brown, medium grained SAND (SP)	
		24	19	2 2 6 9	5.7			CL	Soft, moist, light brown, low plastic CLAY (CL)	
30		24	20	3 6 6 9	531			SP	Loose, moist, light brown, fine grained SAND (SP)	Hydrocarbon like odor 30' to 32'
								ML	Soft, moist, gray, very fine SILT (ML), with sand	
		24	22	4 4 4 4 2	7.6			SP	Loose, moist, gray, fine grained SAND (SP)	
35		24	24	2 2	30.8			SP	Becomes medium grained	
								CL	Soft, moist, gray, medium plastic CLAY (CL) Becomes low plastic, with silt	
									Bottom of boring at 36' bgs	
40										
45										

Completion Depth: **36.0 ft bgs**
Project No.: **21562973.19200**
Project Name: **4th Street SVE System Extension**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **CME 75**
Drilled by: **J. Crank/S. Seymore**
Logged by: **E. Arthur**

Water Depth: NE ft., After NE hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife
Hand Auger
Sonic
USC based on field visual observations

URS

URS (ENV RON) LOG W/ BLOWCOUN S+1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA 4 H S SVE EX ENS ON (2014).GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN AL\URSS LEV GLB 12/1/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-44

Start Date: 7/29/14
Completion Date: 8/20/14
Casing Elevation: 441.53
Ground Elevation: 442.46

Coord nates
Northing: 793332.43
Easting: 2322146.79

Depth In feet	Well Construction	Inches Driven	Inches Recovered	Blow Counts	PID/FID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					6.0			FILL	Brown topsoil (FILL)	Air knifed to 10' bgs to clear underground utilities and obstructions.
					3.3			ML	Brown, Sandy SILT (ML)	
5					2.6					
					1.3			SM	Brown, poorly graded, fine to medium grained, Silty SAND (SM)	
					0.8					
10		24	12	1 2 4 7				SP	Loose, moist, brown, fine grained SAND (SP), with silt	
		24	24	4 6 7 9					Silt grades out Becomes dark brown, medium grained	
15		24	18	5 5 4 3						
		24	12	1 2 4 5				CL	Soft, wet, gray, low plastic, Silty CLAY (CL)	
								ML	Loose, moist, brown, very fine SILT (ML), with sand	
		24	18	3 3 3 3				SP	Loose, moist, brown, fine to medium grained SAND (SP)	
20		24	20	2 2 4 4						
		24	16	2 3 4 5					Becomes dry, medium grained	
				2 3					Becomes light brown	

Completion Depth: **36.0 ft bgs**
Project No.: **21562973.19200**
Project Name: **4th Street SVE System Extension**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **CME 75**
Drilled by: **J. Crank**
Logged by: **E. Arthur/L. Rathnow**

Water Depth: NE ft., After NE hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife
Hand Auger
Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG W/ BLOWCOUN S+1 WELL P:\RESOURCES\GIN DA AIG N \PROJEC S\ROXANA 4 H S SVE EX ENS ON (2014).GPJ P:\RESOURCES\GIN DA AIG N \ENV RONMEN AL\URSS LEV GLB 12/1/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-44

Start Date: 7/29/14
Completion Date: 8/20/14
Casing Elevation: 441.53
Ground Elevation: 442.46

Coordinates
Northing: 793332.43
Easting: 2322146.79

Depth In feet	Well Construction	Inches Driven	Inches Recovered	Blow Counts	PID/FID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
30		24	16	4 7				SP	Same: Dry, moist, light brown, medium grained SAND (SP)	
		24	18	2 4 8 8						
		24	14	4 6 7 12					Grades to medium to coarse grained	
35		24	16	4 8 8 8						
									Bottom of boring at 36' bgs	
40										
45										

Completion Depth: 36.0 ft bgs
Project No.: 21562973.19200
Project Name: 4th Street SVE System Extension
Drilling Contractor: Roberts Environmental Drilling Inc.
Drilling method: HSA Rig Type: CME 75
Drilled by: J. Crank
Logged by: E. Arthur/L. Rathnow

Water Depth: NE ft., After NE hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife
Hand Auger
Sonic
USC based on field visual observations

URS

URS (ENV RON) LOG W/ BLOWCOUN S+1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA 4 H S SVE EX ENS ON (2014).GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN AL\URSS LEV GLB 12/1/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-45

Start Date: 7/29/14
Completion Date: 8/6/14
Casing Elevation: 441.39
Ground Elevation: 442.58

Coord nates
Northing: 793340.07
Easting: 2322208.17

Depth In feet	Well Construction	Inches Driven	Inches Recovered	Blow Counts	PID/FID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					3.6			FILL	Light brown to brown topsoil with gravel (FILL)	Air knifed to 10' bgs to clear underground utilities and obstructions.
					9.1					
5					4.7			ML	Brown, fine SILT (ML)	
					4.3				Becomes sandy	
					4.2				Becomes more coarse	
10		24	14	1 2 2 4	0.9			SP	Loose, dry, brown, fine grained SAND (SP)	
		24	18	2 5 5 5	7.0				Becomes light brown	
15		24	17	2 5 4 4	7.2				Becomes moist, brown, medium grained	
		24	19	1 2 2 3	8.2				Becomes dry, fine to medium grained	
		24	18	1 3 3 4	10.1				Becomes moist	
20		24	18	2 3 4 4	10.7				Becomes dry	
		24	19	2 2 4 4	9.4					
				1 3						

Completion Depth: 43.0 ft bgs
Project No.: 21562973.19200
Project Name: 4th Street SVE System Extension
Drilling Contractor: Roberts Environmental Drilling Inc.
Drilling method: HSA Rig Type: CME 75
Drilled by: J. Crank
Logged by: E. Arthur

Water Depth: NE ft., After NE hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife
Hand Auger
Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG W/ BLOWCOUN S+1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA 4 H S SVE EX ENS ON (2014).GPJ P:\RESOURCESIG N DA AIG N \ENV RONMEN AL\URSS LEV GLB 12/1/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-45

Start Date: 7/29/14
Completion Date: 8/6/14
Casing Elevation: 441.39
Ground Elevation: 442.58

Coordinates
Northing: 793340.07
Easting: 2322208.17

Depth In feet	Well Construction	Inches Driven	Inches Recovered	Blow Counts	PID/FID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
		24	20	4 5	12.4				Same: Loose, dry, brown, fine to medium grained SAND (SP)	
		24	16	2 2 3 5	12.5			SP		
		24	20	3 8 7 11	12.7			CL	Soft, moist, brown, low plastic CLAY (CL) with medium to fine grained sand Loose, moist, brown, medium grained SAND (SP)	
30		24	16	4 7 8 11	12.3					
		24	16	2 9 9 13	12.4			SP	Becomes medium dense	
35		24	18	2 4 8 11	11.5					
		24	19	3 5 7 12	392			CL	Becomes dry, fine to medium grained Medium stiff, dry, gray, medium plastic CLAY (CL)	
		24	20	2 6 7 10	248			ML	Stiff, dry, gray, very fine SILT (ML) Become moist	
40		24	22	3 6 6 7	794				Loose, moist, gray, fine to medium grained SAND (SP)	
								SP	Becomes medium grained	
45									Bottom of boring at 43' bgs	

Completion Depth: **43.0 ft bgs**
Project No.: **21562973.19200**
Project Name: **4th Street SVE System Extension**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **CME 75**
Drilled by: **J. Crank**
Logged by: **E. Arthur**

Water Depth: NE ft., After NE hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife
Hand Auger
Sonic
USC based on field visual observations

URS

URS (ENV RON) LOG W/ BLOWCOUN S+1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA 4 H S SVE EX ENS ON (2014).GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN AL\URS LEV GLB 12/1/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-46

Start Date: 7/29/14
Completion Date: 8/4/14
Casing Elevation: 441.85
Ground Elevation: 442.85

Coordinates
Northing: 793260.69
Easting: 2322209.79

Depth In feet	Well Construction	Inches Driven	Inches Recovered	Blow Counts	PID/FID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					3.6			FILL	Brown, silty topsoil, with gravel (FILL)	Air knifed to 10' bgs to clear underground utilities and obstructions.
					5.4			ML	Brown SILT (ML)	
5					7.2			ML	Becomes sandy	
					5.6			SM	Brown, fine to medium grained, Silty SAND (SM)	
					4.6			SM	Silt grades out	
10		24	16	1 2 2 2	0.4			SM	Becomes loose, dry, fined grained, silty	
		24	18	2 2 4 7	1.1			SP	Loose, dry, brown, fine grained SAND (SP)	
15		24	20	3 5 7 7	3.0			SP	Becomes fine to medium grained	
		24	20	2 4 4 8	4.4			CL	Soft, moist, gray, low plastic, Silty CLAY (CL)	
		24	20	2 3 5 8	5.4			SP	Loose, dry, light brown, medium grained SAND (SP)	
20		24	12	2 3 5 10	5.1			SP		
		24	20	2 3 5 10	4.3			SP		
				4 4				SP		

Completion Depth: **26.0 ft bgs**
Project No.: **21562973.19200**
Project Name: **4th Street SVE System Extension**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **CME 75**
Drilled by: **J. Crank**
Logged by: **E. Arthur**

Water Depth: NE ft., After NE hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife
Hand Auger
Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG W/ BLOWCOUN S+1 WELL P:\RESOURCES\GIN DA AIG N \PROJEC S\ROXANA 4 H S SVE EX ENS ON (2014).GPJ P:\RESOURCES\GIN DA AIG N \ENV RONMEN AL\URSS LEV GLB 12/1/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-46

Start Date: 7/29/14
Completion Date: 8/4/14
Casing Elevation: 441.85
Ground Elevation: 442.85

Coordinates
Northing: 793260.69
Easting: 2322209.79

Depth In feet	Well Construction	Inches Driven	Inches Recovered	Blow Counts	PID/FID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
		24	19	6 8	4.5			SP	Same: Loose, dry, light brown, medium grained SAND (SP)	
									Bottom of boring at 26' bgs	

Completion Depth: 26.0 ft bgs
Project No.: 21562973.19200
Project Name: 4th Street SVE System Extension
Drilling Contractor: Roberts Environmental Drilling Inc.
Drilling method: HSA Rig Type: CME 75
Drilled by: J. Crank
Logged by: E. Arthur

Water Depth: NE ft., After NE hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife
Hand Auger
Sonic
USC based on field visual observations

URS

URS (ENV RON) LOG W/ BLOWCOUN S+1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA 4 H S SVE EX ENS ON (2014).GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN AL\URSS LEV GLB 12/1/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-47

Start Date: 7/29/14
Completion Date: 8/1/14
Casing Elevation: 443.03
Ground Elevation: 444.01

Coord nates
Northing: 793164.39
Easting: 2322212.17

Depth In feet	Well Construction	Inches Driven	Inches Recovered	Blow Counts	PID/FID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					1.0			FILL	Brown, topsoil with gravel (FILL)	Air knifed to 10' bgs to clear underground utilities and obstructions.
					4.8				Becomes silty	
5					3.7			ML	Brown SILT (ML)	
									Becomes light brown, sandy	
					1.5				Becomes brown	
					2.8					
10		24	14	1 3 5 6	1.8			SM	Loose, dry, brown, fine grained, Silty SAND (SM)	
		24	12	3 6 7 9	1.0			SP	Loose, dry, brown, fine grained SAND (SP)	
15		24	20	3 6 7 9	3.0					
		24	19	4 5 6 8	2.7					
		24	22	3 4 7 10	11.6					
20		24	18	5 5 9 9	293					
		24	20	3 6 4 5	394			ML	Loose, moist, dark gray, very fine SILT (ML), trace sand Becomes gray, sand grades out, medium stiff Becomes Clayey	Hydrocarbon like odor 22' to 25'
				4 8				CL	Soft, wet, gray, low plastic, Silty CLAY (CL)	

Completion Depth: **26.0 ft bgs**
Project No.: **21562973.19200**
Project Name: **4th Street SVE System Extension**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **CME 75**
Drilled by: **J. Crank**
Logged by: **E. Arthur**

Water Depth: NE ft., After NE hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife
Hand Auger
Sonic
USC based on field visual observations

URS

URS (ENV RON) LOG W/ BLOWCOUN S+1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA 4 H S SVE EX ENS ON (2014).GPJ P:\RESOURCESIG N DA AIG N \ENV RONMEN AL\URSS LEV GLB 12/1/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
SVE-47

Start Date: 7/29/14
Completion Date: 8/1/14
Casing Elevation: 443.03
Ground Elevation: 444.01

Coordinates
Northing: 793164.39
Easting: 2322212.17

Depth In feet	Well Construction	Inches Driven	Inches Recovered	Blow Counts	PID/FID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
		24	20	16 17	348			ML	Medium stiff, moist, gray, very fine Clayey SILT (ML)	
								SP	Loose, dry, light brown, fine to medium grained SAND (SP)	
									Bottom of boring at 26' bgs	
30										
35										
40										
45										

Completion Depth: **26.0 ft bgs**
Project No.: **21562973.19200**
Project Name: **4th Street SVE System Extension**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **CME 75**
Drilled by: **J. Crank**
Logged by: **E. Arthur**

Water Depth: NE ft., After NE hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife
Hand Auger
Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG W/ BLOWCOUN S+1 WELL P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA 4 H S SVE EX ENS ON (2014).GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN AL\URSS LEV GLB 12/1/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-1

Completion Date: 7/31/09
Casing Elevation:
Ground Elevation: 443.20
Coordinates Northing:793900.00 Easting:2322219.75

Depth In feet	VMP Construction: VMP-1-5	VMP-1-8.5	VMP-1-23.5	VMP-1-38.5	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
										FILL	Dark brown, low plastic, silty clay to clay, with silt, FILL (FILL)	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with 4.25" HSA
										CL	Stiff, moist, brown, low plastic, CLAY (CL), trace silt	
5					24	17	2.0			ML	Soft, moist, brown, low plastic, Clayey SILT (ML), trace fine sand	
					24	24	4.0			SP	Medium dense, moist, brown, fine grained, SAND (SP), trace silt	
10					24	23	4.2				Becomes loose, dry	
					24	21	NR				Becomes moist Silt grades out	
					24	20	1.0					
15					24	21	3.4					
					24	21	1.5				Becomes medium dense	
					24	22	3.2					
20					24	21	4.3				Becomes silty for 3"	
					24	23	5.7					

Completion Depth: 45.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: J. Adams/W. Pennington

URS

Water Depth: 43.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling
◧ Splitspoon Sampler
◨ Hollow Stem Auger-Soil samples not collected
▣ Geoprobe Macro Sampler
◧ Air Knife/Hand Auger Sampler
■ 3" Clear Acetate Liner
Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-1

Completion Date: 7/31/09
Casing Elevation:
Ground Elevation: 443.20
Coordinates Northing:793900.00 Easting:2322219.75

Depth In feet	VMP Construction: VMP-1-5	VMP-1-8.5	VMP-1-23.5	VMP-1-38.5	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					24	23	4.0			SP	4" silty sand Becomes fine grained, some silt	
					24	24	5.2			CL	Medium stiff, moist, brown, low plastic, Silty CLAY (CL), trace fine sand Becomes wet Becomes black, clayey silt	
30					24	24	11.0			SP	Medium dense, moist, light gray, fine grained, SAND (SP), some silt	
					24	24	99.3					
					24	24	76.1					
35					24	22	43.8				Becomes grayish brown, fine to medium grained	
					24	20	36.8			ML	Soft, moist to wet, gray, SILT (ML), trace sand	
					24	23	143			SP	Medium dense, moist, grayish brown, medium grained, SAND (SP)	Petroleum - like odor.
40					24	20	104				3" wet, gray, silt	
					24	18	213				▽ Becomes wet	
45											Bottom of boring at 45' bgs	

Completion Depth: 45.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: J. Adams/W. Pennington

URS

Water Depth: 43.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner
Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-2

Completion Date: 7/28/09
Casing Elevation:
Ground Elevation: 443.56

Coordinates
Northing:793747.43
Easting:2322220.16

Depth In feet	VMP Construction: VMP-2-5	VMP-2-8.5	VMP-2-22	VMP-2-42	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
										CL	Medium stiff, moist, light brown, low plastic, Silty CLAY (CL)	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with 4.25" HSA
5					24	15	1.8				With sand	
					24	21	2.9 1.8					
										SM	Medium dense, moist, light brown, Silty SAND (SM)	
10					24	22	2.3					
					24	20	3.9					
					24	24	3.8					
15					24	24	3.8 10.8				Becomes gray, trace black banding	
					24	20	13.0			SP	Medium dense, moist, light brownish gray, fine grained, SAND (SP)	
20					24	18.5	22.7				Trace clay	
					24	21	22.7					
					24	20	8.0					

Completion Depth: 49.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: B. Schilling
Logged by: M. Corbett

URS

Water Depth: 47 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-2

Completion Date: 7/28/09
Casing Elevation:
Ground Elevation: 443.56
Coordinates Northing:793747.43 Easting:2322220.16

Depth In feet	VMP Construction: VMP-2-5	VMP-2-8.5	VMP-2-22	VMP-2-42	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					24	23	3.5			SP	Same: Medium dense, moist, light brownish gray, fine grained, SAND (SP), trace clay	
					24	24	7.4				Becomes light gray	
30					24	22	16.6				Becomes light brownish gray	
					24	24	12.4				Becomes very moist	
					24	21	28.0				Some clay Becomes wet	
35					24	20	4.1				Becomes moist, fine to medium grained	
										CL	Medium stiff, moist, medium plastic, CLAY (CL)	
					24	20	105			SP	Medium dense, moist, light gray, fine grained, SAND (SP), trace clay	
40					24	17	44.5				Becomes fine to medium grained, clay grades out	
					24	17	7.8			SC	Medium stiff, moist, gray, low plastic, Sandy CLAY (SC)	
										CL	Medium stiff, moist, gray, medium plastic, CLAY (CL)	
					24	19	89.3			SC	Medium dense, wet, gray, Clayey SAND (SC) 2" clay	
45										SP	Medium dense, very moist, brownish gray, fine to medium grained, SAND (SP)	
					24	22	86.4			CL	Medium stiff, moist, gray, medium plastic, CLAY (CL)	
										SC	Medium dense, moist, gray, Clayey SAND (SC) ▽	
					24	17	780			SP	Medium dense, wet, brownish gray, SAND (SP)	
											Bottom of boring at 49' bgs	

Completion Depth: 49.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: B. Schilling
Logged by: M. Corbett

Water Depth: 47 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-2

Page Of

Start Date: 10/16/15
Completion Date: 10/16/15
Casing Elevation: N/A
Ground Elevation: 443.45

Coord nates
Northing: 793747.5
Easting: 2322224.2

Depth In feet	Well Construction: VMP-2-5	Well Construction: VMP-2-8 5	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
								ASPHALT	ASPHALT	Boring advanced to a depth of 9.5' bgs via air knife to clear utilities. Soil samples collected utilizing hand auger.
					3.1				Medium dense, moist to dry, brown, fine to medium grained SAND (FILL)	
					3.1					
5					3.3			FILL		
					3.1					Sampled VMP 2 101615(5') for VOCs, SVOCs, PAHs, and TPH GRO at 1415
					3.7				Becomes silty	
									Trace silt	Sampled VMP 2 101615(8.5') for VOCs, SVOCs, PAHs, and TPH GRO at 1420
10									Bottom of Boring at 9.5' bgs	6" long port screens installed at 5' bgs and 8.5' bgs in individual air knife holes.
15										
20										

Completion Depth: **9.5 ft bgs**
Project No.: **21563720.18000**
Project Name: **Roxana Vapor Monitoring Point Replacement**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Air Knife / Hand Auger** Rig Type: **Vacmaster 4000**
Drilled by: **E. Wetzel**
Logged by: **M. Miller**

Water Depth: NE ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife
Hand Auger
Sonic

USC based on field visual observations

AECOM

URS (ENV RON) LOG + 2 WELLS P:\RESOURCES\GIN DA AIG N \PROJEC S\21563720 04002 ROXANA SVE SYS EM - VMP RE NS ALL OC OBER 2015.GPJ P:\RESOURCES\GIN DA AIG N \ENV RONMEN AL\AECOM S L (ENV RONMEN AL) GLB 1/12/16

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-3

Completion Date: 7/29/09
Casing Elevation:
Ground Elevation: 442.21
Coordinates Northing:793442.63 Easting:2322229.28

Depth In feet	VMP Construction: VMP-3-5	VMP-3-22	VMP-3-31.5	VMP-3-39	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
										FILL	Dark gray, silty gravel to silty clay, FILL (FILL)	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with 4.25" HSA
										CL	Stiff to very stiff, moist, brown, low plastic, CLAY (CL), with silt	
5					24	20	0.2			SC	Medium dense, moist, brown, Clayey SAND (SC)	
					24	18	6.9					
										SP	Loose, moist, grayish brown, fine to medium grained, SAND (SP)	
10					24	20	16.3				Becomes gray, fine grained	
					24	19	16.9					
					24	16.5	9.5				Becomes light gray	Petroleum - like odor
15					24	18	5.5 35.8			SM	Medium dense, moist, gray, fine grained, Silty SAND (SM)	
					24	18	16.9			SP	Medium dense, moist, light gray, fine grained, SAND (SP)	
20					24	19	5.3				Trace clay	
					24	22	1071			SM	Medium dense, moist, gray, fine grained, Silty SAND (SM)	Petroleum - like odor
											Becomes dark gray	Possible staining, Petroleum - like odor
					24	20	387 117 144			SP	Loose, moist, gray, fine grained, SAND (SP)	
										CL	Medium stiff, moist, brown, medium plastic, CLAY (CL), with silt	
										SM		

Completion Depth: 47.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: B. Schilling
Logged by: M. Corbett

URS

Water Depth: 44 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner
Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-3

Completion Date: 7/29/09
Casing Elevation:
Ground Elevation: 442.21
Coordinates Northing:793442.63 Easting:2322229.28

Depth In feet	VMP Construction: VMP-3-5	VMP-3-22	VMP-3-31.5	VMP-3-39	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					24	18	117			SM	Dense, moist, light brown, fine grained, Silty SAND (SM) Becomes medium dense	
					24	14	45.2			SM	Becomes light gray Becomes dense	
30					24	15	81.9			SP	Medium dense, moist, light brown, fine grained, SAND (SP)	
					24	16	525			SP	Beomes brownish gray, silty	
										CL	Stiff, moist, brownish gray, low plastic, Silty CLAY (CL)	
					24	14	57.1			SM	Medium dense, moist, brownish gray, Silty SAND (SM)	
35					24	16	184			SP	Medium dense, moist, brownish gray, fine grained, SAND (SP), trace silt Becomes dense	
					24	18	345			SP	Becomes medium dense Becomes fine to medium grained	
40					24	16	693			SP		
										CL	Stiff, moist, gray, Sandy CLAY (CL)	
					24	21	187			SM	Medium dense, very moist, brownish gray, Silty SAND (SM), trace clay	
					24	19	793			SP	Medium dense, moist, grayish brown, fine to medium grained, SAND (SP) ▽ Becomes wet, brownish gray	
45					24	24	863			SP		
											Bottom of boring at 47'	VMP-3-22 was installed in an adjacent hole due to complications duing installation

Completion Depth: 47.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: B. Schilling
Logged by: M. Corbett

URS

Water Depth: 44 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner
Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-3

Start Date: 10/12/15
Completion Date: 10/14/15
Casing Elevation: N/A
Ground Elevation: 442.29

Coord nates
Northing: 793435.0
Easting: 2322222.2

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	VMP-3-3 5 VMP-3-39						TOPSOIL	Grass and topsoil	Boring advanced to a depth of 10' bgs via air knife to clear utilities, then continued with 4.25" HSA. Soil samples collected from 0 10' bgs utilizing a hand auger. Split spoon samplers utilized to collect soil samples from 10 40' bgs.
							CL	Soft, dry, brown, silty CLAY (CL)	
				1.4					
							ML	Soft, moist, brown, clayey SILT (ML)	
5				1.5					Sampled VMP 3 101215(5') for VOCs, SVOCs, PAHs, and TPH GRO at 1130
				1.5					
				1.7					
10		24	12						Sampled VMP 3 101215(10') for VOCs, SVOCs, PAHs, and TPH GRO at 1155
		24	22	0.8					
		24	18	1.1			SP		
15		24	18	1.1				Trace silt	
		24	18	2.0					
20		24	20	2.0					
		24	20	260			ML	Stiff, moist, gray SILT (ML)	Sampled VMP 3 101315(22') for VOCs, SVOCs, PAHs, and TPH GRO at 1015
							SP	Medium dense, dry to moist, light brown, fine grained SAND (SP)	
		24	24	3.6					

Completion Depth: **40.0 ft bgs**
Project No.: **21563720.18000**
Project Name: **Roxana Vapor Monitoring Point Replacement**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Hollow Stem Auger** Rig Type: **CME 75**
Drilled by: **E. Wetzel**
Logged by: **E. Fritsch / M. Miller**

Water Depth: NE ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife
Hand Auger
Sonic

USC based on field visual observations

AECOM

URS (ENV RON) LOG + 2 WELLS P \RESOURCES\G N DA AIG N \PROJEC S\21563720 04002 ROXANA SVE SYS EM - VMP RE NS ALL OC OBER 2015 GPJ P \RESOURCES\G N DA AIG N \ENV RONMEN AL\AECOM S L (ENV RONMEN AL) GLB 1/12/16

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-3

Start Date: 10/12/15
Completion Date: 10/14/15
Casing Elevation: N/A
Ground Elevation: 442.29

Coord nates
Northing: 793435.0
Easting: 2322222.2

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	VMP-3-3 5 / VMP-3-39						SP	Medium dense, dry to moist, light brown, fine grained SAND (SP), trace silt	
		24	24	748.8			SM	Medium dense, moist, light brown, silty SAND (SM)	
		24	24	581.6					
30		24	22	220			SP	Medium dense, moist, light brown, fine grained, poorly sorted SAND (SP)	
		24	24	2.9			ML	Medium dense, moist, sandy SILT (ML)	Sampled VMP 3 101415(32') for VOCs, SVOCs, PAHs, and TPH GRO at 1015
35		24	24	2.8					
		24	20	2.2			SP	Medium dense, moist, light brown, fine grained, poorly graded SAND (SP), with silt	
		24	24	8.1					Sampled VMP 3 101315(39') for VOCs, SVOCs, PAHs, and TPH GRO at 1145
40							CL	Stiff, gray, sandy CLAY (CL)	
								Bottom of Boring at 40' bgs	
45									6" long port screens installed at 31.5' bgs and 39' bgs in individual boreholes.

Completion Depth: **40.0 ft bgs**
Project No.: **21563720.18000**
Project Name: **Roxana Vapor Monitoring Point Replacement**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Hollow Stem Auger** Rig Type: **CME 75**
Drilled by: **E. Wetzel**
Logged by: **E. Fritsch / M. Miller**

Water Depth: NE ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

- Water level at time of drilling
- Water level after drilling
- ATD At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
  Soil samples not collected
- Geoprobe
- Air Knife
- Hand Auger
- Sonic

USC based on field visual observations

AECOM

URS (ENV RON) LOG + 2 WELLS P:\RESOURCES\GIN DA AIG N \PROJEC S\21563720 04002 ROXANA SVE SYS EM - VMP RE NS ALL OC OBER 2015.GPJ P:\RESOURCES\GIN DA AIG N \ENV RONMEN AL\AECOM S L (ENV RONMEN AL) GLB 1/12/16

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-4

Completion Date: 8/3/09
Casing Elevation:
Ground Elevation: 443.09

Coordinates
Northing:791350.45
Easting:2322236.36

Depth In feet	VMP Construction: VMP-4-5	VMP-4-12	VMP-4-23.5	VMP-4-39	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
										ML	Sandy SILT (ML)	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with 4.25" HSA
										CL	Silty CLAY (CL)	
5					24	12	77.0			SC	Loose, moist, brown, fine grained, Clayey SAND (SC) 1" clay	
					24	19	122			SP	Loose, moist, grayish brown, fine grained, SAND (SP)	Petroleum - like odor
10					24	18	79.6					
					24	21	116				Trace black banding Becomes medium dense	
					24	23	117				Becomes gray	
15					24	22	58.1					
					24	19	297				Becomes grayish brown, fine to medium grained	
20					24	20	526					
					24	22	9648				Becomes very moist to wet	
										CL	Soft, moist, brown, low plastic, Silty CLAY (CL)	
					24	20	401			SP	Medium dense, moist, grayish brown, fine to medium grained, SAND (SP)	

Completion Depth: 45.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: W. Pennington

URS

Water Depth: 44 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

◧ Splitspoon Sampler
◧ Hollow Stem Auger- Soil samples not collected
☒ Geoprobe Macro Sampler
◧ Air Knife/Hand Auger Sampler
■ 3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-4

Completion Date: 8/3/09
Casing Elevation:
Ground Elevation: 443.09

Coordinates
Northing:791350.45
Easting:2322236.36

Depth In feet	VMP Construction: VMP-4-5	VMP-4-12	VMP-4-23.5	VMP-4-39	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					24	19	1279				Same: Medium dense, moist, grayish brown, fine to medium grained, SAND (SP)	Strong petroleum - like odor
					24	21	1277					
30					24	19	1210				Becomes medium to coarse grained	
					24	24	957					
					24	24	1263					
35					24	24	1642			SP		
					24	20	1379					
					24	24	733					
40					24	23	121					
					24	21	1018				Becomes wet ▽	
45											Bottom of boring at 45' bgs	

Completion Depth: 45.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: W. Pennington

URS

Water Depth: 44 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-4

Page Of

Start Date: 10/15/15
Completion Date: 10/15/15
Casing Elevation: N/A
Ground Elevation: 443.43

Coord nates
Northing: 793156.5
Easting: 2322232.0

Depth In feet	Well Construction: VMP-4-5 / VMP-4- 2	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							FILL	Grass and topsoil Stiff, dry, dark brown, silty CLAY (FILL), with gravel	Boring advanced to a depth of 13' bgs via air knife to clear utilities. Soil samples collected utilizing hand auger.
				2.5				Dense, dry, brown, fine grained, poorly graded SAND (SP)	
				2.3					
5				2.3				Becomes moist	Sampled VMP 4 101615(5') for VOCs, SVOCs, PAHs, and TPH GRO at 1100
				1.8			SP	Becomes moist to dry, tan	
10				1.2					
				2.8					Sampled VMP 4 101615(12') for VOCs, SVOCs, PAHs, and TPH GRO at 1020
								Bottom of Boring at 13' bgs	
15									6" long port screens installed at 5' bgs and 12' bgs in individual air knife holes.
20									

Completion Depth: **13.0 ft bgs**
Project No.: **21563720.18000**
Project Name: **Roxana Vapor Monitoring Point Replacement**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Air Knife / Hand Auger** Rig Type: **Vacmaster 4000**
Drilled by: **E. Wetzel**
Logged by: **M. Miller**

Water Depth: NE ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife
Hand Auger
Sonic

USC based on field visual observations

AECOM

URS (ENV RON) LOG + 2 WELLS P:\RESOURCES\GIN DA AIG N \PROJEC S\21563720 04002 ROXANA SVE SYS EM - VMP RE NS ALL OC OBER 2015.GPJ P:\RESOURCES\GIN DA AIG N \ENV RONMEN AL\AECOM S L (ENV RONMEN AL) GLB 1/12/16

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-5

Completion Date: 8/4/09
Casing Elevation:
Ground Elevation: 444.59

Coordinates
Northing:792842.78
Easting:2322246.59

Depth In feet	VMP Construction: VMP-5-5	VMP-5-12.5	VMP-5-31	VMP-5-40	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
										FILL	Stiff, moist, dark brown to brown, low plastic, silty clay, trace gravel, FILL (FILL)	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with 4.25" HSA
										CL	Stiff, moist, brown to red brown, low plastic, Sandy CLAY (CL)	
5					24	16	20.1			SP	Loose, moist, brown, fine grained, SAND (SP), trace clay	
					24	18	16.2				Becomes grayish brown, fine to medium grained	
10					24	20	11.9					
					24	18	107			CL	Soft, moist, brown, low plastic, Silty CLAY (CL), trace sand	
					24	20	334			SP	Loose, moist, grayish brown, fine to medium grained, SAND (SP)	
15					24	20	338					
					24	22	77.7					
					24	22	61.0 11.5				Becomes vey moist to wet	
20					24	24	13.1 9.9			CL	Soft, moist, brown, low plastic, CLAY (CL), with silt Becomes gray, silt grades out	
					24	24	11.8					

Completion Depth: 47.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: W. Pennington

URS

Water Depth: 45 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner
Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-5

Completion Date: 8/4/09
Casing Elevation:
Ground Elevation: 444.59
Coordinates Northing:792842.78 Easting:2322246.59

Depth In feet	VMP Construction: VMP-5	VMP-5-12.5	VMP-5-31	VMP-5-40	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					24	22	30.1 108			CL	Becomes medium stiff	
										SP	Loose to medium dense, moist, brownish gray, fine to medium grained, SAND (SP)	
					24	24	22.4			CL	Soft to medium stiff, moist, gray and brown, low plastic, CLAY (CL)	
30					24	24	47.9 93.3					
					24	23	659			SP	Medium dense, moist, grayish brown, medium grained, SAND (SP)	
					24	18	70.5				Becomes medium to coarse grained Trace black banding	
35					24	22	715					
					24	20	675					
					24	20	469					
40					24	21	1545					
					24	19	1149					
45					24	18	450				▽ Becomes wet	
											Bottom of boring at 47' bgs	

Completion Depth: 47.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: W. Pennington

Water Depth: 45 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner
Unified Soil Classification based on field visual observations.

URS

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-6

Completion Date: 8/5/09
Casing Elevation:
Ground Elevation: 444.18

Coordinates
Northing:792537.27
Easting:2322252.38

Depth In feet	VMP Construction: VMP-6-5	VMP-6-10	VMP-6-31.5	VMP-6-39	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
											Silty CLAY (CL)	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with 4.25" HSA
										CL	Silt grades out	
5					24	17	6.7			SP	Loose, moist, brown, fine grained, SAND (SP)	
					24	16	13.8					
					24	19	47.8			CL	Soft, moist, gray with brown, low plastic, CLAY (CL)	
10							349				Medium dense, moist, gray, fine grained, SAND (SP)	Petroleum - like odor
					24	21	1285					
					24	20	264					
15					24	21	987					
					24	18	1016			SP	Becomes brownish gray, fine to medium grained	Petroleum - like odor
					24	22	1248					
20					24	20	1453					
					24	22	992					

Completion Depth: 45.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger
Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: W. Pennington

URS

Water Depth: 44 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling
◧ Splitspoon Sampler
◧ Hollow Stem Auger- Soil samples not collected
▣ Geoprobe Macro Sampler
◧ Air Knife/Hand Auger Sampler
■ 3" Clear Acetate Liner
Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-6

Completion Date: 8/5/09
Casing Elevation:
Ground Elevation: 444.18
Coordinates Northing:792537.27 Easting:2322252.38

Depth In feet	VMP Construction: VMP-6-5	VMP-6-10	VMP-6-31.5	VMP-6-39	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					24	24	1267				Same: Medium dense, moist, brownish gray, fine to medium grained, SAND (SP) Trace black banding	
					24	20	1103					
30					24	24	1397				Becomes medium dense to dense	
					24	21	2167					
					24	20	1658					
35					24	20	630			SP		
					24	24	605					
					24	24	5102				Becomes dense, gray, fine grained, trace black banding	
40					24	23	3251				Becomes fine to medium grained, trace coarse grains	
					24	24	397				Becomes wet, medium to coarse grained ▽	
45											Bottom of boring at 45' bgs	

Completion Depth: 45.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: W. Pennington

URS

Water Depth: 44 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-7

Completion Date: 8/10/09
Casing Elevation:
Ground Elevation: 493.63

Coordinates
Northing:792370.64
Easting:2322259.85

Depth In feet	VMP Construction: VMP-7-5	VMP-7-13.5	VMP-7-29.5	VMP-7-38	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
										CL	Silty CLAY (CL) Becomes sandy	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with 4.25" HSA
5					24	17	3.3			SP	Loose, moist, brown, fine grained, SAND (SP), with silt	
					24	17	4.7					
10					24	19	7.1					
					24	24	3.4 4.7			CL	Very soft, moist, brown, low plastic, Sandy CLAY (CL)	
					24	24	5.8			SP	Loose, moist, light brown, fine grained, SAND (SP), trace silt and clay	
15					24	19	4.0				Clay grades out	
					24	20	8.1					
					24	19	13.6				Becomes fine to medium grained	
20										SC	Loose, moist, gray, Clayey SAND (SC)	
					24	20	3.1			SP	Loose, moist, light gray, fine to medium grained, SAND (SP), trace silt 2" clay Becomes medium dense, fined grained	
					24	19	50.1					

Completion Depth: 45.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: B. Schilling
Logged by: M. Corbett

URS

Water Depth: 43 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-7

Completion Date: 8/10/09
Casing Elevation:
Ground Elevation: 493.63

Coordinates
Northing:792370.64
Easting:2322259.85

Depth In feet	VMP Construction: VMP-7-5	VMP-7-13.5	VMP-7-29.5	VMP-7-38	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					24	19	4.8				Becomes light grayish brown	
					24	19	3.9					
30					24	20	78.8					
					24	20	31.2					
					24	18	54.7				Trace black staining Becomes fine to medium grained	
35					24	20	32.8			SP	Becomes fine grained	
					24	18	98.5				Becomes light gray Trace black banding	
40					24	24	114					
					24	18	76.0					
					24	16	27.0 53.4				▽ Becomes wet	
45											Becomes brownish gray, fine to medium grained, trace coarse sand Bottom of boring at 45' bgs	

Completion Depth: 45.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: B. Schilling
Logged by: M. Corbett

URS

Water Depth: 43 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-8

Completion Date: 8/12/09
Casing Elevation:
Ground Elevation: 441.65

Coordinates
Northing:792230.50
Easting:2321996.05

Depth In feet	VMP Construction: VMP-8-5	VMP-8-9.5	VMP-8-23.5	VMP-8-35.5	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
										CL	Soft, moist, brown, low plastic, Silty CLAY (CL)	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with 4.25" HSA
5					24	12	1.1				Becomes sandy, some silt	
					24	14	2.1			SP	Loose, moist, brown, fine grained, SAND (SP), some silt 2" sandy clay	
10					24	20	2.0					
					24	18	2.4					
					24	19	3.3					
15					24	20	3.8				Trace silt	
					24	20	3.0					
					24	17	2.6					
20					24	20	2.7				Trace medium grains	
					24	22	2.4					

Completion Depth: 43.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: M. Corbett

URS

Water Depth: 40.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-8

Completion Date: 8/12/09
Casing Elevation:
Ground Elevation: 441.65
Coordinates Northing:792230.50 Easting:2321996.05

Depth In feet	VMP Construction: VMP-8-5	VMP-8-9.5	VMP-8-23.5	VMP-8-35.5	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					24	18	4.0				Same: Loose, moist, brown, fine grained, SAND (SP), trace medium grains, trace silt	
					24	19	1.2					
30					24	20	2.8				Trace dark brown banding	
					24	22	2.4				Becomes fine to medium grained	
					24	20	2.7			SP		
35					24	24	2.0					
					24	22	2.0				Becomes very moist	
40					24	18	2.6				▽ Becomes wet	
					24	18	0.7				Becomes brownish gray, fine grained Becomes medium grained, with fine grains	
											Bottom of boring at 43' bgs	
45												

Completion Depth: 43.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: M. Corbett

Water Depth: 40.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-9

Completion Date: 8/11/09
Casing Elevation:
Ground Elevation: 444.23
Coordinates Northing:792229.76 Easting:2322257.58

Depth In feet	VMP Construction: VMP-9-5	VMP-9-11.5	VMP-9-25.5	VMP-9-38.5	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
										CL	Silty CLAY (CL)	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with 4.25" HSA
5					24	17	2.3			SP	Loose, moist, brown, fine to medium grained, SAND (SP), with silt	
					24	18	1.7					
10					24	19	1.8					
					24	16	2.4				Becomes light brown	
					24	18	2.3				Trace clay 0.5" gray clay	
15					24	13	6.2				Becomes light brownish gray	
					24	18	9.4				Trace clay	
20					24	18	4.4					
					24	18	4.1				1" gray clay	
					24	19	7.5				Trace clay layers	

Completion Depth: 45.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: M. Corbett

URS

Water Depth: 43.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-9

Completion Date: 8/11/09
Casing Elevation:
Ground Elevation: 444.23
Coordinates Northing:792229.76 Easting:2322257.58

Depth In feet	VMP Construction: VMP-9-5	VMP-9-11.5	VMP-9-25.5	VMP-9-38.5	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					24	20	7.5				Same: Loose, moist, light brownish gray, fine to medium grained, SAND (SP), with silt, trace clay Becomes dark gray	
					24	19	16.8				Becomes light brownish gray	
30					24	22	21.2				Becomes medium dense, very moist, light gray, fine grained, trace clay, silt grades out	
					24	21	11.9					
					24	22	15.6				Becomes moist, light grayish brown, medium grained, trace coarse grains, clay grades out	
35					24	24	22.4			SP	Becomes gray	
					24	21	6.4				Becomes grayish brown, fine to medium grained, trace silt	
40					24	24	48.6				Trace black banding	
					24	20	13.6				Becomes very moist, silt grades out	
					24	24	38.9				▽ Becomes dense, wet, medium grained, trace fine grains	
45											Bottom of boring at 45' bgs	

Completion Depth: 45.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: M. Corbett

URS

Water Depth: 43.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner
Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-9 Page Of 2

Sta t ng
Date: 4/ 6/ 5
Comp et on
Date: 4/ 6/ 5
Cas ng E evat on: 444 20
Ground E evat on: 444 20 NAVD 88

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792229 76
E: (Y):2322257 58

Depth In feet	Well Construction: VMP-9-5	Well Construction: VMP-9-11 5	Well Construction: VMP-9-25 5	Well Construction: VMP-9-38 5	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
										CL	Silty CLAY (CL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Split spoon samples collected from 23 to 27 feet and 36 to 40 feet below ground surface. Original boring log used to supplement soil not logged during re installation.
5											Loose, moist, brown, fine to medium grained, SAND (SP), with silt	
10											Becomes light brown	
15										SP	Trace clay 0.5" gray clay Becomes light brownish gray	
											Trace clay	
20											1" gray clay	
											Trace clay layers	

Completion Depth: **45.0 Ft bgs**
Project No.: **21563720.18000**
Project Name: **Roxana Vapor Monitoring Point Replacement**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Hollow Stem Auger**
Drill Rig Type: **Geoprobe 8040DT**
Logged by: **M. Miller**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife
Hand Auger
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS P:\RESOURCES\G N DA AIG N \PROJEC S\21563720 04002 ROXANA SVE SYS EM - VMP RE NS ALL GPJ P:\RESOURCESIG N DA AIG N \ENV RONMEN AL\AECOM S L (ENV RONMEN AL) GLB 7/9/15

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-9

Sta t ng
Date: 4/ 6/ 5
Comp et on
Date: 4/ 6/ 5
Cas ng E evat on: 444 20
Ground E evat on: 444 20 NAVD 88

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792229 76
E: (Y):2322257 58

Depth In feet	Well Construction: VMP-9-5	Well Construction: VMP-9-11 5	Well Construction: VMP-9-25 5	Well Construction: VMP-9-38 5	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
30											Same: Loose, moist, light brownish gray, fine to medium grained, SAND (SP), with silt, trace clay Becomes dark gray Becomes light brownish gray Becomes medium dense, very moist, light gray, fine grained, trace clay, silt grades out	
35										SP	Becomes moist, light grayish brown, medium grained, trace coarse grains, clay grades out Becomes gray Becomes grayish brown, fine to medium grained, trace silt	
40											Trace black banding Becomes very moist, silt grades out Becomes dense, wet, medium grained, trace fine grains	
45											Bottom of boring at 45' bgs	

Completion Depth: **45.0 Ft bgs**
Project No.: **21563720.18000**
Project Name: **Roxana Vapor Monitoring Point Replacement**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Hollow Stem Auger**
Drill Rig Type: **Geoprobe 8040DT**
Logged by: **M. Miller**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife
Hand Auger
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS P:\RESOURCES\G N DA AIG N \PROJEC S\21563720 04002 ROXANA SVE SYS EM - VMP RE NS ALL GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN AL\AECOM S L (ENV RONMEN AL) GLB 7/9/15

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-10

Completion Date: 7/13/09
Casing Elevation:
Ground Elevation: 434.72

Coordinates
Northing:792030.76
Easting:2321968.56

Depth In feet	VMP Construction: VMP-10-5	VMP-10-10	VMP-10-20	VMP-10-30	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
											Not logged	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with 4.25" HSA
5					24	12	0.0			CL	Soft, moist, brown, low plastic, CLAY (CL)	
										SP	Loose, moist, brown, fine to medium grained, SAND (SP)	
					24	20	0.1					
							0.9			CL	Soft, moist, brown, low plastic, CLAY (CL), trace sand	
10					24	18	0.5				Loose, moist, brown, fine to medium grained, SAND (SP)	
					24	18	0.4				1" clay	
					24	20	0.4				1" clay	
15											Becomes loose to medium dense, grayish brown	
					24	22	0.6				1" clay	
					24	20	0.5			SP	1" clay	
20					24	20	0.1					
					24	20	0.4					
					24	19	0.4					

Completion Depth: 37.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: W. Pennington

URS

Water Depth: 35 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-10

Completion Date: 7/13/09
Casing Elevation:
Ground Elevation: 434.72

Coordinates
Northing:792030.76
Easting:2321968.56

Depth In feet	VMP Construction: VMP-10-5	VMP-10-10	VMP-10-20	VMP-10-30	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					24	24	0.2				Same: Loose to medium dense, moist, grayish brown, fine to medium grained, SAND (SP)	
					24	24	0.1				Becomes medium dense, gray, some brown, fine to coarse grained	
30					24	23	0.2			SP		
					24	23	0.5					
					24	23	36.9					
35					24	20	970				▽ Becomes wet	
											Bottom of boring at 37' bgs	
40												
45												

Completion Depth: 37.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: W. Pennington

URS

Water Depth: 35 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-11

Completion Date: 7/10/09
Casing Elevation:
Ground Elevation: 443.46

Coordinates
Northing:792019.42
Easting:2322153.40

Depth In feet	VMP Construction: VMP-11-5	VMP-11-8	VMP-11-29	VMP-11-38	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
											Not logged	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with 4.25" HSA
5					24	5	0.0			CL	Medium stiff, moist, light brown, low plastic, CLAY (CL)	
					24	15	0.1				Loose, moist to dry, light brown, fine grained, SAND (SP)	
10					24	16	0.0				Becomes moist	
					24	16.5	0.0				Becomes medium dense	
					24	17.5	0.0					
15					24	15	0.0			SP	0.5" clay 2" clayey sand	
					24	19	0.0				With silt	
20					24	19.5	0.0				Trace silt	
					24	18	0.0					
					24	17.5	6.0					

Completion Depth: 45.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: P. Seymour
Logged by: M. Corbett/M. Miller

URS

Water Depth: 43 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-11

Completion Date: 7/10/09
Casing Elevation:
Ground Elevation: 443.46

Coordinates
Northing:792019.42
Easting:2322153.40

Depth In feet	VMP Construction: VMP-11-5	VMP-11-8	VMP-11-29	VMP-11-38	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					24	19	0.0			SP	Same: Medium dense, moist, light brown, fine grained, SAND (SP), trace silt	
					24	20	256			SC	Loose, moist to dry, brown, fine to medium grained, Clayey SAND (SC)	
30					24	20	127				Loose, moist to dry, light brown, fine to medium grained, SAND (SP)	
					24	17	426				Becomes medium dense	
					24	20	687				Becomes gray	
35					24	20	594			SP	Trace silt, 6" dark gray staining	
					24	20	605					
40					24	20	428					
					24	20	261					
					24	13	4103				▽ Becomes wet	
45											Bottom of boring at 45'	

Completion Depth: 45.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: P. Seymour
Logged by: M. Corbett/M. Miller

URS

Water Depth: 43 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner
Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-12

Completion Date: 7/24/09
Casing Elevation:
Ground Elevation: 444.46

Coordinates
Northing:792002.74
Easting:2322353.25

Depth In feet	VMP Construction: VMP-12-5	VMP-12-11.5	VMP-12-25	VMP-12-39	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
										FILL	Gray, silt, with sand, trace gravel, FILL (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA
										CL	Gray, Silty CLAY (CL), some gravel	
10					24	12	124			SP-SC	Becomes soft, moist, low plastic, sandy, silt grades out Loose, moist, fine grained, SAND (SP) with clay to clayey SAND (SC)	
					24	21	315			SP	Loose to medium dense, moist, gray, fine to medium grained, SAND (SP)	Petroleum - like odor.
15					24	24	439				Becomes grayish brown	
					24	17	639					
					24	19	653					
20					24	21	342				1" clay	
					24	24	375					Strong petroleum - like odor.

Completion Depth: 46.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger
Rig Type: CME-75
Drilled by: B. Schilling
Logged by: W. Pennington

URS

Water Depth: 44 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner
Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-12

Completion Date: 7/24/09
Casing Elevation:
Ground Elevation: 444.46

Coordinates
Northing:792002.74
Easting:2322353.25

Depth In feet	VMP Construction: VMP-12-5	VMP-12-11.5	VMP-12-25	VMP-12-39	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					24	18	880				Same: Loose to medium dense, moist, grayish brown, fine to medium grained, SAND (SP)	
					24	22	606					
					24	20	94.0					
30					24	20	673					Petroleum - like odor.
					24	20	504				Becomes medium to coarse grained, some fine grained	
35					24	20	96.0			SP		
					24	20	275					
					24	22	416					
40					24	21	4458					Very strong petroleum - like odor.
					24	22	4335					
45					24	22	4142				4" gray and black coarse sand with cinders ▽ Becomes wet	
											Botttom of boring at 46 bgs	

Completion Depth: 46.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: B. Schilling
Logged by: W. Pennington

Water Depth: 44 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner
Unified Soil Classification based on field visual observations.

URS

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-13

Completion Date: 7/15/09
Casing Elevation:
Ground Elevation: 435.53

Coordinates
Northing:79899.30
Easting:2322084.39

Depth In feet	VMP Construction: VMP-13-5	VMP-13-10.5	VMP-13-21.5	VMP-13-29.5	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
											Not logged	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with 4.25" HSA
5					24	17	5.2			SP	Loose to medium dense, moist, brown, fine to medium grained, SAND (SP)	
					24	21	6.4					
10					24	21	8.9 9.3			CL	Soft, moist, brown with gray, low plastic, Sandy CLAY (CL)	
										SP	Loose to medium dense, moist, reddish brown, fine to medium grained, SAND (SP)	
					24	20	5.8					
15					24	20	65.9					
					24	18	59.1					
					24	19	407				Becomes grayish brown	
20					24	18	472					
					24	22	336				Becomes gray, trace black banding	
					24	20	383					Petroleum - like odor.

Completion Depth: 35.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: W. Pennington

URS

Water Depth: 34.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-13

Completion Date: 7/15/09
Casing Elevation:
Ground Elevation: 435.53

Coordinates
Northing:79899.30
Easting:2322084.39

Depth In feet	VMP Construction: VMP-13-5	VMP-13-10.5	VMP-13-21.5	VMP-13-29.5	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
30					24	19	1043			SP	Same: Loose to medium dense, moist, gray, fine to medium grained, SAND (SP)	Strong petroleum - like odor.
					24	20	1112					
					24	20	695					
					24	20	506					
35					24	21	1475				▽ Becomes wet	
											Bottom of boring at 35' bgs	
40												
45												

Completion Depth: 35.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: W. Pennington

URS

Water Depth: 34.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner
Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-14

Completion Date: 7/14/09
Casing Elevation:
Ground Elevation: 434.94
Coordinates Northing:791842.10 Easting:2321971.92

Depth In feet	VMP Construction: VMP-14-5	VMP-14-11.5	VMP-14-20	VMP-14-29	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
											Not logged	Boring advanced to a depth of 5' via air knife to clear utilities, then continued with 4.25" HSA
5					24	24	0.0			FILL	Soft, moist, brown, silty clay, FILL (FILL)	
					24	21	0.0 0.4				Soft, moist, gray and brown, low plastic, Silty CLAY (CL), mottled	
10					24	24	51.1			CL	Becomes soft to medium stiff, gray, with sand, silt grades out	
					24	24	1093				Medium dense, moist, black to brownish gray, fine to medium grained, SAND (SP), trace clay	Strong petroleum - like odor
					24	22	1290				Clay grades out	
15					24	22	4589					
					24	22	9999			SP	Becomes grayish brown	
20					24	20	9999					
					24	20	9999					
					24	20	9999				Becomes fine grained	

Completion Depth: 35.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: W. Pennington

URS

Water Depth: 34 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-14

Completion Date: 7/14/09
Casing Elevation:
Ground Elevation: 434.94

Coordinates
Northing:791842.10
Easting:2321971.92

Depth In feet	VMP Construction: VMP-14-5	VMP-14-11.5	VMP-14-20	VMP-14-29	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
30					24	22	9999				Becomes reddish brown	
					24	19	9999					
					24	20	279			SP		
					24	22	2692					
35					24	24	9580				Becomes wet ▽	
											Bottom of boring at 35' bgs	
40												
45												

Completion Depth: 35.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: E. Wetzel
Logged by: W. Pennington

URS

Water Depth: 34 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-15

Completion Date: 7/20/09
Casing Elevation:
Ground Elevation: 433.46

Coordinates
Northing:791664.43
Easting:2322006.54

Depth In feet	VMP Construction: VMP-15-5	VMP-15-21.5	VMP-15-25.5	VMP-15-29	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
											Not logged	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA
10					24	3	0.3			CL	Medium dense, moist to wet, gray, medium plastic, CLAY (CL)	
					24	24	0.6					
15					24	23	1.0				Trace brown mottling	
					24	24	4.1					
					24	20	5.6					
20					24	24	12.2					
					24	24	9.5			SP-SC	Medium dense, moist, gray, fine grained, SAND (SP) with clay to clayey SAND (SC)	Petroleum - like odor

Completion Depth: 36.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: B. Schilling
Logged by: W. Pennington

Water Depth: 34 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-15

Completion Date: 7/20/09
Casing Elevation:
Ground Elevation: 433.46

Coordinates
Northing:791664.43
Easting:2322006.54

Depth In feet	VMP Construction: VMP-15-5	VMP-15-21.5	VMP-15-25.5	VMP-15-29	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					24	14	33.4				Loose to medium dense, moist, grayish brown, fine to medium grained, SAND (SP)	
					24	18	20.2					
					24	24	26.5				Some coarse grains	
30					24	22	55.9			SP	Becomes reddish brown	
					24	18	56.5					
35					24	16					Becomes wet, grayish brown, medium to coarse grained ▽	
											Bottom of boring at 36'	
40												
45												

Completion Depth: 36.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: B. Schilling
Logged by: W. Pennington

URS

Water Depth: 34 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner
Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-15-29

Start Date: 7/28/14
Completion Date: 7/30/14
Casing Elevation: Not Installed
Ground Elevation: 433.38

Coord nates
Northing: 791655.30
Easting: 2322007.05

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	B ow Counts	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	VMP 5 25 VMP 5 29				3.4			ASPHALT	Asphalt and topsoil (FILL)	Borholes air knifed to 10' bgs to clear for potential utilities and obstructions.
					3.4			FILL	Topsoil (FILL)	Two vapor monitoring points set at 25.5' bgs and 29' bgs in adjacent soil borings VMP 15 25.5 and VMP 15 29. Only VMP 15 29 was logged for lithology.
5					1.5			ML	Moist, dark brown, very fine Clayey SILT (ML) with black organic material, trace gravel	10" diameter surface casing set to 10' bgs due to the proximity of the boring to an underground natural gas line.
					3.0				Becomes dark gray, gravel grades out	
					3.0					
10		24	16		6.4			CL	Stiff, dry, dark gray, low plastic, Silty CLAY (CL)	
		24	21	1 2 3 5	6.3					
15		24	22	1 3 3 5	7.7				Becomes gray with brown mottling, increasing amount of silt	
		24	24	1 3 4 4	4.4					
		24	24	1 2 3 4	12.1					
20		24	24	1 1 1 2	8.0			SC	Loose, moist, dark gray, fine Clayey SAND (SC)	
		24	22	1 2 1 2	10.0					
				2						

Completion Depth: **30.0 ft bgs**
Project No.: **21562973**
Project Name: **VMP Maintenance**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **CME 75**
Drilled by: **J. Crank**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG W/ BLOWCOUN S+2 WELLS P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA 4 H S VMP-15-29 EX ENS ON (2014).GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN AL\URSS LEV GLB 10/10/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-15-29

Start Date: 7/28/14
Completion Date: 7/30/14
Casing Elevation: Not Installed
Ground Elevation: 433.38

Coord nates
Northing: 791655.30
Easting: 2322007.05

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	B ow Counts	PID/F ID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	VMP 5 25 VMP 5 29	24	18	4 6 8	12.0			CL SP CL	Soft, moist, gray, low plastic CLAY (CL) Loose, moist, gray, medium grained SAND (SP) Soft, moist, gray, low plastic, Silty CLAY (CL)	
		24	12	8 11 11 13	4.5			SP	Loose, moist, gray, coarse grained SAND (SP) Becomes medium grained	
		24	18	3 4 6 9	11.1				Becomes brown	
30									Bottom of boring at 30' bgs	Augers and split spoon advanced to 30' bgs
35										
40										
45										

Completion Depth: **30.0 ft bgs**
Project No.: **21562973**
Project Name: **VMP Maintenance**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **CME 75**
Drilled by: **J. Crank**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG W/ BLOWCOUN S+2 WELLS P:\RESOURCES\G N DA AIG N \PROJEC S\ROXANA 4 H S VMP-15-29 EX ENS ON (2014).GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN AL\URSS LEV GLB 10/10/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-16

Completion Date: 7/22/09
Casing Elevation:
Ground Elevation: 436.95

Coordinates
Northing:791667.47
Easting:232236.35

Depth In feet	VMP Construction: VMP-16-5	VMP-16-13.5	VMP-16-19	VMP-16-31	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
										FILL	Asphalt and gravel, FILL (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA
											Becomes gray, silty sand, some gravel	
5										CL	Gray, Silty CLAY (CL), trace gravel	
10					24	17	1473			SP	Medium dense, moist, gray, fine grained, SAND (SP)	
					24	19	469			CL	Medium stiff, moist, gray, low plastic, Silty CLAY (CL)	
15					9	8	30.3				Medium dense, moist, grayish brown, fine grained, SAND (SP), trace black banding	
					24	19	875					
20					24	20	1042			SP	Becomes fine to medium grained	
					24	21	29.3					
					24	24	73.4					

Completion Depth: 38.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: B. Schilling
Logged by: M. Corbett

URS

Water Depth: 36 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected

Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner

Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-16

Completion Date: 7/22/09
Casing Elevation:
Ground Elevation: 436.95

Coordinates
Northing:791667.47
Easting:232236.35

Depth In feet	VMP Construction: VMP-16-5	VMP-16-13.5	VMP-16-19	VMP-16-31	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					24	19	29.9				Same: Medium dense, moist, grayish brown, fine to medium grained, SAND (SP)	
					24	21	39.6					
					24	21	27.8					
30					24	18	59.1			SP		
					24	18	1810				Becomes medium grained, trace gravel	
35					24	18	1876				Becomes dense, fine to medium grained	
					24	19.5	1472				Becomes medium dense, wet, medium grained	
											Bottom of boring at 38' bgs	
40												
45												

Completion Depth: 38.00 Ft bgs
Project No.: 21562289
Project Name: Roxana Dissolved Phase Investigation
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Hollow Stem Auger Rig Type: CME-75
Drilled by: B. Schilling
Logged by: M. Corbett

URS

Water Depth: 36 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-Soil samples not collected
Geoprobe Macro Sampler
Air Knife/Hand Auger Sampler
3" Clear Acetate Liner
Unified Soil Classification based on field visual observations.

URS (ENVIRON) LOG+4 WELLS 21562289.00010.GPJ URSSTLEV.GDT 1/19/10

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-20

Completion Date: 3/10/11
Casing Elevation:
Ground Elevation: 443.68

Coordinates
Northing:793748.60
Easting:2322055.00

Depth In feet	Construction: VMP-20-5	Construction: VMP-20-10	Construction: VMP-20-25	Construction: VMP-20-39 5	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
										FILL	Road gravel	Boring advanced to a depth of 10' via air knife to clear utlities, then continued with 4.25" HSA
										FILL	Moist, brown, medium plasticity, silty CLAY (FILL)	
5										FILL	Becomes light brown	
										FILL	Becomes reddish brown, mottled	
										FILL	Becomes moist, light tan, medium plasticity, sandy CLAY, trace silt	
10					24	14	0.8			SP	Medium dense, moist to dry, brown, fine grained SAND (SP)	Begin probing to log boring. Overdrilled with 4.25" HSA to install vapor ports
					40	32	0.4			SP		
15							1.6			SP		
					48	32	0.6			SP		
							1.1			SP		
20										ML	Stiff, moist, brown, sandy SILT (ML)	
					48	36	1.2			SP	Dense, dry, brown, fine grained SAND (SP)	
							1.7			SP		

Completion Depth: **44.00 Ft bgs**
Project No.: **21562593**
Project Name: **Roxana Supplemental Investigation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA/Geoprobe** Rig Type: **7000 VTR**
Drilled by:
Logged by: **M. Miller**

Water Depth: 37 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto-Sonic

USC based on field visual observations

URS

URS (ENVIRON) LOG+4 WELLS 21562593 (VMP-20 THRU 25).GPJ URSSTLEV.GDT 4/29/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-20

Completion Date: 3/10/11
Casing Elevation:
Ground Elevation: 443.68

Coordinates
Northing:793748.60
Easting:2322055.00

Depth In feet	Construction: VMP-20-5	Construction: VMP-20-10	Construction: VMP-20-25	Construction: VMP-20-39.5	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					48	42	0.7 0.9				Dense, dry, brown, fine grained SAND (SP)	
30					48	42	0.7 1.0			SP		
					48	42	0.0 0.7			CL	Medium stiff, moist, brown, low plastic, silty CLAY (CL) Becomes gray	
35					48	42	0.7 1.4			SM SP	Dense, gray brown, dry, fine grained, silty SAND (SM) Becomes moist Silt grades out ▽ Dense, gray, wet, gray, fine to medium grained SAND (SP)	Black staining Black staining
40					48	48	1.7 1.9			CL	Stiff, wet, gray, low plastic, silty CLAY (CL)	
45											Bottom of boring at 44' bgs	

Completion Depth: **44.00 Ft bgs**
Project No.: **21562593**
Project Name: **Roxana Supplemental Investigation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA/Geoprobe** Rig Type: **7000 VTR**
Drilled by:
Logged by: **M. Miller**

Water Depth: 37 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto-Sonic

USC based on field visual observations

URS

URS (ENVIRON) LOG+4 WELLS 21562593 (VMP-20 THRU 25).GPJ URSSTLEV.GDT 4/29/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-21

Completion Date: 1/10/11
Casing Elevation:
Ground Elevation: 442.53

Coordinates
Northing:793443.60
Easting:2321910.00

Depth In feet	Construction: VMP-21-5	Construction: VMP-21-10	Construction: VMP-21-25	Construction: VMP-21-33	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
										FILL	Stiff, moist, gravely CLAY (FILL), 6" chip and seal surface Gravel grades out	Boring advanced to a depth of 10' via air knife to clear utlities, then continued with 4.25" HSA
5										SM	Loose, moist, brown, silty SAND (SM)	
10					24	0				SP	Medium dense, moist to dry, brown, fine grained SAND (SP)	Begin probing to log boring. Overdrilled with 4.25" HSA to install vapor ports
					48	20	0.8					
15					48	36	8.3 3.6				Trace silt 1" silty sand, black moist, fine grained Medium dense, moist to dry, gray, fine to medium grained SAND (SP)	
20					48	40	10.8 7.8					

Completion Depth: 44.00 Ft bgs
Project No.: 21562593
Project Name: Roxana Supplemental Investigation
Drilling Contractor: Roberts Environmental Drilling Inc.
Drilling method: Geoprobe Dual Tube/HSA Rig Type: 6620 DT
Drilled by:
Logged by: M. Miller

Water Depth: 36.5 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling
Splitspoon Sampler
Hollow Stem Auger-
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Roto-Sonic
USC based on field visual observations

URS

URS (ENVIRON) LOG+4 WELLS 21562593 (VMP-20 THRU 25).GPJ URSSTLEV.GDT 4/29/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-21

Completion Date: 1/10/11
Casing Elevation:
Ground Elevation: 442.53

Coordinates
Northing:793443.60
Easting:2321910.00

Depth In feet	Construction: VMP-21-5	Construction: VMP-21-10	Construction: VMP-21-25	Construction: VMP-21-33	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					48	40	17.9 26.8				Medium dense, moist to dry, gray, fine to medium grained, SAND (SP)	
30					48	38	21 24.9			SP		
					48	38	47.9 24.9			CL	Medium stiff, moist, gray, moist, low plastic, silty CLAY (CL)	
35											▽	
					48	48	20.4 18.1			SM	Medium dense, wet, gray, fine grained silty SAND (SM)	
40					48	48	40.2 13.2			SM	Trace clay	
											Bottom of boring at 44' bgs	
45												

Completion Depth: **44.00 Ft bgs**
Project No.: **21562593**
Project Name: **Roxana Supplemental Investigation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Geoprobe Dual Tube/HSA** Rig Type: **6620 DT**
Drilled by:
Logged by: **M. Miller**

Water Depth: 36.5 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling
Splitspoon Sampler
Hollow Stem Auger-
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Roto-Sonic
USC based on field visual observations

URS

URS (ENVIRON) LOG+4 WELLS 21562593 (VMP-20 THRU 25).GPJ URSSTLEV.GDT 4/29/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-22

Completion Date: 1/7/11
Casing Elevation:
Ground Elevation: 445.18

Coordinates
Northing:793148.00
Easting:2321928.00

Depth In feet	Construction: VMP-22-5	Construction: VMP-22-10	Construction: VMP-22-18	Construction: VMP-22-38	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
											Stiff, moist, gravelly CLAY (FILL), 6" chip and seal surface.	Boring advanced to a depth of 10' via air knife to clear utlities, then continued with 4.25" HSA
											Gravel grades out	
5										FILL	Gravel grades out	
											Loose, brown, moist, silty SAND (SM)	
										SM		
10					24	0	NA				Medium dense, moist to wet, brown, fine to medium grained SAND (SP)	Begin probing to log boring. Overdrilled with 4.25" HSA to install vapor ports
					48	30	16.8					
15							23.9					
					48	37	5.6			SP		Hydrocarbon-like odor, gray staining
							25.3					
20					48	38	15.1					
							14.5					

Completion Depth: **44.00 Ft bgs**
Project No.: **21562593**
Project Name: **Roxana Supplemental Investigation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Geoprobe Dual Tube/HSA** Rig Type: **6620 DT**
Drilled by:
Logged by: **M. Miller**

Water Depth: 40 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto-Sonic

USC based on field visual observations

URS

URS (ENVIRON) LOG+4 WELLS 21562593 (VMP-20 THRU 25).GPJ URSSTLEV.GDT 4/29/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-22

Completion Date: 1/7/11
Casing Elevation:
Ground Elevation: 445.18

Coordinates
Northing:793148.00
Easting:2321928.00

Depth In feet	Construction: VMP-22-5	Construction: VMP-22-10	Construction: VMP-22-18	Construction: VMP-22-38	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					48	38	1.8 9.4				Medium dense, moist to dry, gray brown, fine to medium grained SAND (SP)	
30					48	36	10.6 37.5					Black staining, hydrocarbon odor
35					48	36	9.8 78.5			SP	Gray and brown banding	
					48	36	42.1 31.9				Becomes moist to wet	
40					48	42	40.1 37.9				Becomes wet ▽	
45											Bottom of boring at 44' bgs	

Completion Depth: **44.00 Ft bgs**
Project No.: **21562593**
Project Name: **Roxana Supplemental Investigation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Geoprobe Dual Tube/HSA** Rig Type: **6620 DT**
Drilled by:
Logged by: **M. Miller**

Water Depth: 40 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-
Soil samples not collected

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Roto-Sonic

USC based on field visual observations

URS

URS (ENVIRON) LOG+4 WELLS 21562593 (VMP-20 THRU 25).GPJ URSSTLEV.GDT 4/29/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-23

Completion Date: 1/5/11
Casing Elevation:
Ground Elevation: 444.14

Coordinates
Northing:792843.64
Easting:2322018.05

Depth In feet	Construction: VMP-23-5	Construction: VMP-23-10	Construction: VMP-23-25	Construction: VMP-23-340	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
											3" oil and gravel surface	Boring advanced to a depth of 10' via air knife to clear utlities, then continued with 4.25" HSA
											Stiff, dark brown, silty SAND (SM)	
											Loose, moist, brown, silty SAND (SM)	
5										FILL		
10					24	15	1.6				Loose, moist, brown, fine grained SAND (SP)	Begin drilling with 4.25" HSA to install VMP
					24	20	2.0				Becomes medium dense	
15					24	20	2.1				Becomes loose, fine to medium grained	
					24	20	1.8			SP		
					24	22	3.3				Becomes medium dense	
20					24	22	3.8					
					24	18	3.8					
					24	20	4.4					

Completion Depth: **42.00 Ft bgs**
Project No.: **21562593**
Project Name: **Roxana Supplemental Investigation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA/Splitspoon** Rig Type: **CME 45**
Drilled by:
Logged by: **M. Miller**

Water Depth: 38 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling
Splitspoon Sampler
Hollow Stem Auger-
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Roto-Sonic

USC based on field visual observations

URS

URS (ENVIRON) LOG+4 WELLS 21562593 (VMP-20 THRU 25).GPJ URSSTLEV.GDT 4/29/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-23

Completion Date: 1/5/11
Casing Elevation:
Ground Elevation: 444.14

Coordinates
Northing:792843.64
Easting:2322018.05

Depth In feet	Construction: VMP-23-5	Construction: VMP-23-10	Construction: VMP-23-25	Construction: VMP-23-340	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
											Medium dense, moist, brown, fine to medium grained SAND (SP)	
					24	20	5.2					
					24	22	3.5					
30					24	22	3.9					
					24	22	10.5			SP	Becomes medium grained	
					24	22	6.1					
35					24	24	5.4				Becomes dense	
					24	20	3.3				Becomes wet ▽	
40					24	20						
											Bottom of boring at 42' bgs	
45												

Completion Depth: **42.00 Ft bgs**
Project No.: **21562593**
Project Name: **Roxana Supplemental Investigation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA/Splitspoon** Rig Type: **CME 45**
Drilled by:
Logged by: **M. Miller**

Water Depth: 38 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling
Splitspoon Sampler
Hollow Stem Auger-
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Roto-Sonic
USC based on field visual observations

URS

URS (ENVIRON) LOG+4 WELLS 21562593 (VMP-20 THRU 25).GPJ URSSTLEV.GDT 4/29/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-24

Completion Date: 1/6/11
Casing Elevation:
Ground Elevation: 441.53

Coordinates
Northing:792370.37
Easting:2322016.99

Depth In feet	Construction: VMP-24-5	Construction: VMP-24-10	Construction: VMP-24-22	Construction: VMP-24-34	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
										ASPHAL	Asphalt	Boring advanced to a depth of 10' via air knife to clear utlities, then continued with 4.25" HSA
										FILL	Medium stiff, moist, red brown, CLAY (FILL)	
5										SM	Loose, moist, brown, silty SAND (SM)	
										SM	Loose, moist, brown, silty SAND (SM)	
10					24	12	0.0			SP	Loose, moist to dry, light brown, fine grained SAND (SP)	
					24	16	0.0			SP		
					24	18	0.0			SP	Becomes medium dense	
15					24	20	5.0			SP		
					24	20	2.8			SP		
20					24	24	2.9			SP	Becomes dense, red brown	
					24	22	0.0			SP		
					24	22	0.0			SP	Becomes fine to medium grained	

Completion Depth: **38.00 Ft bgs**
Project No.: **21562593**
Project Name: **Roxana Supplemental Investigation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA/Splitspoon** Rig Type: **CME 45**
Drilled by:
Logged by: **M. Miller**

Water Depth: 35 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

- ▽ Water level at time of drilling
- ▼ Water level after drilling
- ATD - At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger Sampler
- Air Rotary
- Roto-Sonic

USC based on field visual observations

URS

URS (ENVIRON) LOG+4 WELLS 21562593 (VMP-20 THRU 25).GPJ URSSTLEV.GDT 4/29/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-24

Completion Date: 1/6/11
Casing Elevation:
Ground Elevation: 441.53

Coordinates
Northing:792370.37
Easting:2322016.99

Depth In feet	Construction: VMP-24-5	Construction: VMP-24-10	Construction: VMP-24-22	Construction: VMP-24-34	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
											Dense, moist to dry, red brown, fine to medium grained SAND (SP)	
					24	24	1.8					
					24	24	2.4				Becomes medium dense	
30					24	20	6.0			SP	Becomes loose	
					24	24	5.1				With black and tan banding	
35					24	22	1.8				Becomes wet, gray, fine grained ▽	
					24	23					Becomes brown, fine to medium grained	
											Bottom of boring at 38' bgs	
40												
45												

Completion Depth: **38.00 Ft bgs**
Project No.: **21562593**
Project Name: **Roxana Supplemental Investigation**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA/Splitspoon** Rig Type: **CME 45**
Drilled by:
Logged by: **M. Miller**

URS

Water Depth: 35 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-
Soil samples not collected

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Roto-Sonic

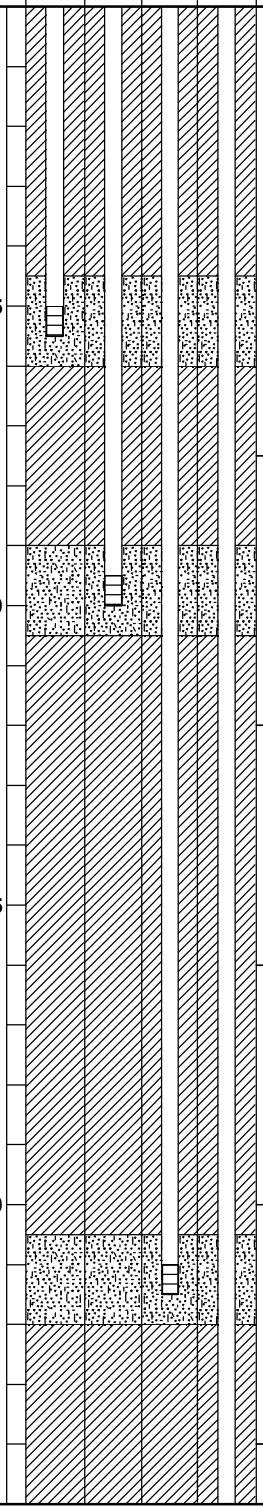
USC based on field visual observations

URS (ENVIRON) LOG+4 WELLS 21562593 (VMP-20 THRU 25).GPJ URSSTLEV.GDT 4/29/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-25

Completion Date: 3/11/11
Casing Elevation:
Ground Elevation: 431.77

Coordinates
Northing:791791.90
Easting:2321676.00



Inches Driven	Inches Recovered	PID (ppm)	USCS	DESCRIPTION	NOTES
			ASPHAL	Asphalt	Boring advanced to a depth of 7.5' bgs via air knife to clear utilities.
			FILL	Baserock (FILL)	
			FILL	Loose, wet, gray SAND (FILL)	
54	26	1.2 1.6	CL	Soft, moist, gray with brown mottles, low plastic CLAY (CL)	
48	46	0.4 1.4	CL	Becomes medium stiff	
48	48	0.4 1.3	CL	Brown mottles grade out	
48	36	9.5 15.6	SP	Loose, moist, gray, fine to medium grained SAND (SP), trace to with clay Becomes medium dense to dense, brownish gray, trace small clay seams (< 1/4" thick) 3" clay seam (smaller clay seams grade out)	

Completion Depth: **32.00 Ft bgs**
Project No.: **21562593**
Project Name: **Roxana Supplemental Investigation**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Geoprobe (Direct Push Dual Tube)** Rig Type: **7000 VTR**
Drilled by:
Logged by: **W. Pennington**

Water Depth: 28 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling
Splitspoon Sampler
Hollow Stem Auger-
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Roto-Sonic
USC based on field visual observations

URS

URS (ENVIRON) LOG+4 WELLS 21562593 (VMP-20 THRU 25).GPJ URSSTLEV.GDT 4/29/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-25

Completion Date: 3/11/11
Casing Elevation:
Ground Elevation: 431.77

Coordinates
Northing:791791.90
Easting:2321676.00

Depth In feet	Construction: VMP-25-5	Construction: VMP-25-9 5	Construction: VMP-25-21	Construction: VMP-25-31	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
30					48	39	15.2 1075			SP	Becomes medium to coarse grained Same: Medium dense to dense, moist, brownish gray, medium to coarse grained SAND (SP) 1" clay seam ▽ Becomes wet	
					48	47	988 247					
35											Bottom of boring at 32' bgs	
40												
45												

Completion Depth: **32.00 Ft bgs**
Project No.: **21562593**
Project Name: **Roxana Supplemental Investigation**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Geoprobe (Direct Push Dual Tube)** Rig Type: **7000 VTR**
Drilled by:
Logged by: **W. Pennington**

URS

Water Depth: 28 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling

Splitspoon Sampler
Hollow Stem Auger-
Soil samples not collected

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Roto-Sonic

USC based on field visual observations

URS (ENVIRON) LOG+4 WELLS 21562593 (VMP-20 THRU 25).GPJ URSSTLEV.GDT 4/29/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-26

Completion Date: 3/7/11
Casing Elevation:
Ground Elevation: 443.34

Coordinates
Northing:793239.80
Easting:2322305.00

Depth In feet	Construction: VMP-26-38	Construction: VMP-26-30	Construction: VMP-26-20	Construction: VMP-26-10	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
										FILL	Gravel and Asphalt (FILL)	Air knife completed to 10' bgs to clear utilities
										CL	Medium stiff, moist, dark gray, Silty CLAY (CL)	
5										SM	Loose, moist, dark gray, Silty SAND (SM)	
										SP	Loose, moist, dark gray, fine grained, poorly graded SAND (SP), with silt	
10							1458				Becomes dense, gray	
							833.5					
15					120	120	1344					
							1297					
							995.6					
20											Becomes moist to dry	
							1160					
							1246					

Completion Depth: **40.00 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Boart Longyear**
Drilling method: **Roto Sonic** Rig Type:
Drilled by:
Logged by: **M. Miller**

Water Depth: ____ ft., After ____ hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic
USC based on field visual observations

URS

URS (ENV RON) LOG+4 WELLS 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-26

Completion Date: 3/7/11
Casing Elevation:
Ground Elevation: 443.34

Coordinates
Northing:793239.80
Easting:2322305.00

Depth In feet	Construction: VMP-26-38	Construction: VMP-26-30	Construction: VMP-26-20	Construction: VMP-26-10	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					120	120	1049				SAME: Dense, moist to dry, gray, fine grained, poorly graded, SAND (SP)	
							1422					
							1268			SP		
30							1620					
							1018			SM	Dense, moist to wet, dark gray, fine grained, Silty SAND (SM)	
35					120	120	1165				Dense, moist to dry, brown, fine to medium grained, poorly graded, SAND (SP)	
							771.5			SP		
							236.8					
40											Bottom of Boring at 40.0' bgs	
45												

Completion Depth: **40.00 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Boart Longyear**
Drilling method: **Roto Sonic** Rig Type:
Drilled by:
Logged by: **M. Miller**

URS

Water Depth: ____ ft., After ____ hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Roto Sonic
USC based on field visual observations

URS (ENV RON) LOG+4 WELLS 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-27

Completion Date: 3/7/11
Casing Elevation:
Ground Elevation: 443.58

Coordinates
Northing:793244.90
Easting:2322354.00

Depth In feet	Construction: VMP-27-38	Construction: VMP-27-30	Construction: VMP-27-20	Construction: VMP-27-10	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
										FILL	Gravel (FILL)	Air knife completed to 10' bgs to clear utilities
5										CL	Medium stiff, moist, dark brown, Sandy CLAY (CL), with gravel	
										SM	Loose, moist, gray, Silty SAND (SM), trace clay	
10							718.2			SP	Medium dense, moist, dark gray, fine grained, poorly graded, SAND (SP), with silt Becomes dense, moist to dry, gray brown, silt grades out	
							713.8					
15					120	120	448.1					
							418.2					
							603.8					
20							612.4					
							249.8					

Completion Depth: **40.00 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Boart Longyear**
Drilling method: **Roto Sonic** Rig Type:
Drilled by:
Logged by: **M. Miller**

URS

Water Depth: ____ ft., After ____ hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic
USC based on field visual observations

URS (ENV RON) LOG+4 WELLS 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-27

Completion Date: 3/7/11
Casing Elevation:
Ground Elevation: 443.58

Coordinates
Northing:793244.90
Easting:2322354.00

Depth In feet	Construction: VMP-27-38	Construction: VMP-27-30	Construction: VMP-27-20	Construction: VMP-27-10	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
					120	120	202.4				SAME: Dense, moist to dry, gray brown, fine grained, poorly graded, SAND (SP)	
							181.3					
							198.0			SP		
30												
							94.5					
							96.7			SM	Dense, moist to wet, dark gray, fine grained Silty SAND (SM)	
35					120	120	204.3				Dense, moist to dry, brown, fine to medium grained, poorly graded, SAND (SP)	
							187.6			SP		
							390.4				Becomes moist	
40											Bottom of boring at 40' bgs	
45												

Completion Depth: **40.00 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Boart Longyear**
Drilling method: **Roto Sonic** Rig Type:
Drilled by:
Logged by: **M. Miller**

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Roto Sonic
USC based on field visual observations

URS

URS (ENV RON) LOG+4 WELLS 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-28

Completion Date: 3/8/11
Casing Elevation:
Ground Elevation: 443.80

Coordinates
Northing:793120.70
Easting:2322303.00

Depth In feet	Construction: VMP-28-37	Construction: VMP-28-30	Construction: VMP-28-20	Construction: VMP-28-10	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
										FILL	Gravel and Asphalt (FILL)	Air knife completed to 10' bgs to clear utilities
										CL	Medium stiff, moist, dark gray to black, Sandy CLAY (CL)	
5										SM	Loose, moist, dark gray, Silty SAND (SM), with clay Trace clay	
										SP	Loose, moist to dry, dark gray to black, fine grained, porly graded, SAND (SP), with silt	
10							527.8				Becomes medium dense, dry, black	
							867.5					
											Becomes dense, gray	
15					120	120	847.1					
							994.3					
							932.5					
20										ML	Stiff, moist, gray, Sandy SILT (ML)	
							542.2					
							166.7			SP	Dense, dry, brown, fine grained, poorly graded, SAND (SP)	

Completion Depth: **40.00 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Boart Longyear**
Drilling method: **Roto Sonic** Rig Type:
Drilled by:
Logged by: **M. Miller**

URS

Water Depth: ____ ft., After ____ hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic
USC based on field visual observations

URS (ENV RON) LOG+4 WELLS 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-28

Completion Date: 3/8/11
Casing Elevation:
Ground Elevation: 443.80

Coordinates
Northing:793120.70
Easting:2322303.00

Depth In feet	Construction: VMP-28-37	Construction: VMP-28-30	Construction: VMP-28-20	Construction: VMP-28-10	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
					120	120	224.9				Same: Dense, dry, brown, fine grained, poorly graded, SAND (SP)	
							304.6			SP		
							181.1				Becomes moist, trace silt	
30												
										SM	Dense, moist, gray, fine grained, Silty SAND (SM), with black banding	
							832.6				Dense, dry, brown, fine to medium grained, poorly graded, SAND (SP)	
							568.7					
35					120	120	195.2			SP		
							270.0					
							241.3				Becomes moist	
40											Bottom of Boring at 40.0' bgs	
45												

Completion Depth: **40.00 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Boart Longyear**
Drilling method: **Roto Sonic** Rig Type: _____
Drilled by: _____
Logged by: **M. Miller**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic
USC based on field visual observations

URS (ENV RON) LOG+4 WELLS 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-29

Completion Date: 2/28/11
Casing Elevation:
Ground Elevation: 434.66

Coordinates
Northing:791958.30
Easting:2321993.00

Depth In feet	Construction: VMP-29-40	Construction: VMP-29-26	Construction: VMP-29-18	Construction: VMP-29-10	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
										ASPHAL	Asphalt with Gravel	Air knife completed to 10' bgs to clear utilities
										FILL	Loose, Silty Sand with Clay (FILL)	
5										SP	Loose, moist, light brown, fine grained, poorly graded, SAND (SP), with Silt	
											Trace silt	
10							11.6				Becomes medium dense, fine to medium grained, silt grades out	
							20.0					
15					120	114	15.4					
							19.9					
							13.6					
20											Becomes dense	
							34.3					
							25.8					

Completion Depth: **42.00 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Boart Longyear**
Drilling method: **Roto Sonic** Rig Type:
Drilled by:
Logged by: **M. Miller**

Water Depth: 29.5 ft., After ATD hrs.
Water Depth: ft., After hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling

Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Roto Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG+4 WELLS 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-29

Completion Date: 2/28/11
Casing Elevation:
Ground Elevation: 434.66

Coordinates
Northing:791958.30
Easting:2321993.00

Depth In feet	Construction: VMP-29-40	Construction: VMP-29-26	Construction: VMP-29-18	Construction: VMP-29-10	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
					120	120	28.7				SAME: Dense, moist, light brown, fine to medium grained, poorly graded, SAND (SP)	
							16.0				Becomes moist to wet	
							16.9				▽	
30											Becomes wet, gray, fine grained	
							86.7				Becomes brown, fine to medium grained	
					60	60	133.03			SP		
							547.1					
35											Becomes gray, medium grained, trace coarse sand	
							10548					
					84	84	15000+					
40												
							10098					
											Bottom of Boring at 42.0' bgs	
45												

Completion Depth: **42.00 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Boart Longyear**
Drilling method: **Roto Sonic** Rig Type:
Drilled by:
Logged by: **M. Miller**

URS

Water Depth: 29.5 ft., After ATD hrs.
Water Depth: ft., After hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Roto Sonic

USC based on field visual observations

URS (ENV RON) LOG+4 WELLS 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-30

Completion Date: 3/11/11
Casing Elevation:
Ground Elevation: 435.54

Coordinates
Northing:791906.10
Easting:2322052.00

Depth In feet	Construction: VMP-30-40	Construction: VMP-30-26	Construction: VMP-30-18	Construction: VMP-30-10	Inches Driven	Inches Recovered	PID (ppm)	Sampler Graphic	Symbol	USCS	DESCRIPTION	NOTES
										ASPHAL	Asphalt	Air knife completed to 10' bgs to clear utilities
5										FILL	Loose sand with silt, asphalt and gravel, (FILL)	
10										SP	Loose, moist, brown, fine grained, poorly graded, SAND (SP), with silt	
							2.1				Becomes medium dense, fine to medium grained, silt grades out	
15					120	84	1.8					
							9.8					
							7.4					
20							12.7				Becomes gray	

Completion Depth: **42.00 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Boart Longyear**
Drilling method: **Roto Sonic** Rig Type:
Drilled by:
Logged by: **M. Miller**

Water Depth: 28.5 ft., After ATD hrs.
Water Depth: ft., After hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Roto Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG+4 WELLS 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-30

Completion Date: 3/11/11
Casing Elevation:
Ground Elevation: 435.54

Coordinates
Northing:791906.10
Easting:2322052.00

Depth In feet	Construction: VMP-30-40	Construction: VMP-30-26	Construction: VMP-30-18	Construction: VMP-30-10	Inches Driven	Inches Recovered	PID (ppm)	Sample Graphic	Symbol	USCS	DESCRIPTION	NOTES
30					120	72	27.8				SAME: Medium dense, moist, gray, fine to medium grained, poorly graded, SAND (SP)	
							41.0				Becomes dense, moist to wet, fine grained, trace silt ▽ Becomes wet	
					60	60	1066			SP	Becomes gray brown, fine to medium grained	
35							1812					
							252.1					
					84	72	374.8				Becomes medium grained	
40							10527					
45											Bottom of Boring at 42.0' bgs	

Completion Depth: **42.00 Ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Boart Longyear**
Drilling method: **Roto Sonic** Rig Type:
Drilled by:
Logged by: **M. Miller**

Water Depth: 28.5 ft., After ATD hrs.
Water Depth: ft., After hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Roto Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG+4 WELLS 21562593 00014 ROXANA SVE GPJ URSS LEV GD 5/18/11

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-31

Completion Date: 5/10/11
Casing Elevation: Not Installed
Ground Elevation: 441.82

Coord nates
North ng:793351.22
East ng:2322249.27

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	ASPHALT	Air knife completed to 10' bgs to clear utilities
				3.8				Medium stiff, dark gray, moist, silty CLAY (CL), medium plasticity. [FILL]	
				9.1			CL		
				5.5					
				3.2				Medium dense, brown, moist, fine grained, Silty SAND with CLAY (SC)	
5				1.4			SC		
				4.8					
				7.0				Medium dense, dark gray, moist, fine grained, Silty SAND (SM)	
				7.5					
				13.3			SM		
10				22.7					
				36.4					
		60	41	35.7				Medium dense, dark gray, moist, fine SAND (SP)	
15				30.8			SP		
		60	41	167.5					
20							CL	Soft, light gray, moit, silty CLAY (CL), low plasticity	
							ML	Very soft, brown, wet, clayey SILT (ML), no plasticity	
		60	56	4.4			CL	Soft, light gray, moist, CLAY (CL), medium plasticity	
							ML	Very soft, brown, wet, clayey SILT (ML), no plasticity	
				71.4				Dense, light gray, moist, very fine SAND (SP)	

Completion Depth: **31.0 ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push** Rig Type: _____
Drilled by: _____
Logged by: **M. Corbett**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
Water level at time of drilling
Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 00014 ROXANA SVE GPJ URSS LEV GD 4/6/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-31

Completion Date: 5/10/11
Casing Elevation: Not Installed
Ground Elevation: 441.82

Coord nates
North ng:793351.22
East ng:2322249.27

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		60	46	6.0 3.1			SP	Trace silt Becomes fine grained	
30		12	12	2.7					
								Bottom of Boring at 31.0' bgs	
35									
40									
45									

Completion Depth: **31.0 ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push** Rig Type: _____
Drilled by: _____
Logged by: **M. Corbett**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

- ▽ Water level at time of drilling
- ▼ Water level after drilling
- ATD At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger Sampler
- Air Rotary
- Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 00014 ROXANA SVE GPJ URSS LEV GD 4/6/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-32

Completion Date: 5/10/11
Casing Elevation: Not Installed
Ground Elevation: 442.53

Coord nates
North ng:793309.01
East ng:2322117.81

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	ASPHALT	Air knife completed to 10' bgs to clear utilities
				0.7				Soft, brown, Silty CLAY (CL), moist, medium plastic	
				1.1			CL		
				1.1					
				1.1					
5				1.8				Medium dense, brown, moist to wet, silty SAND (SP), fine grained	
				1.0			SP		
									Sample inadvertently not collected
								Becomes less silty	
10				2.2				Medium dense, light brown, moist, very fine SAND (SP), some silt	
				3.5					
				1.6			SP	0.5" Clay seam Becomes with no silt	
15				2.1					
		60	32					Dense, light brown, moist, very fine Silty SAND (SM)	
				5.4			SM		
20									
							ML	Dense, light brown, wet, sandy SILT (ML), some clay	
				4.1					
				12.1			CL	Soft, light gray, moist, Silty CLAY (CL), moist, medium plastic	
								Medium dense, light brown, moist, fine to medium SAND (SP)	
				21.4					

Completion Depth: **31.0 ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push** Rig Type: _____
Drilled by: _____
Logged by: **M. Corbett**

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

- Water level at time of drilling
- Water level after drilling
- ATD At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger Sampler
- Air Rotary
- Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG + 1 WELL 21562593 00014 ROXANA SVE GPJ URSS LEV GD 4/6/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-32

Completion Date: 5/10/11
Casing Elevation: Not Installed
Ground Elevation: 442.53

Coord nates
North ng:793309.01
East ng:2322117.81

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		60	50	9.7			SP		
				8.4					
30									
				3.4					
		60	51					Bottom of Boring at 31.0' bgs	
35									
40		60	40						
45									
		12	12						

Completion Depth: **31.0 ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push** Rig Type: _____
Drilled by: _____
Logged by: **M. Corbett**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

- ▽ Water level at time of drilling
- ▼ Water level after drilling
- ATD At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger Sampler
- Air Rotary
- Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 00014 ROXANA SVE GPJ URSS LEV GD 4/6/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-32

Completion Date: 5/10/11
Casing Elevation: Not Installed
Ground Elevation: 442.53

Coord nates
North ng:793309.01
East ng:2322117.81

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
55									
60									
65									
70									

Completion Depth: **31.0 ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push** Rig Type: _____
Drilled by: _____
Logged by: **M. Corbett**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 00014 ROXANA SVE GPJ URSS LEV GD 4/6/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-32

Start Date: 10/15/15
Completion Date: 10/15/15
Casing Elevation: N/A
Ground Elevation: 442.06

Coord nates
Northing: 793308.7
Easting: 2322119.7

Depth In feet	Well Construction: VMP-32-5 / VMP-32- 0	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	ASPHALT	Boring advanced to a depth of 11' bgs via air knife to clear utilities. Soil samples collected utilizing hand auger.
							FILL	Medium stiff, moist, dark brown, silty CLAY (FILL)	
				1.4					
				1.3				Loose, dry, light brown, fine grained, poorly graded SAND (SP)	
5				1.4			SP		Sampled VMP 32 101515(5') for VOCs, SVOCs, PAHs, and TPH GRO at 1000
				1.1					
10				1.1					Sampled VMP 32 101515(10') for VOCs, SVOCs, PAHs, and TPH GRO at 0925
								Bottom of Boring at 11' bgs	
									6" long port screens installed at 5' bgs and 10' bgs in individual air knife holes.
15									
20									

Completion Depth: **11.0 ft bgs**
Project No.: **21563720.18000**
Project Name: **Roxana Vapor Monitoring Point Replacement**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Air Knife / Hand Auger** Rig Type: **Vacmaster 4000**
Drilled by: **E. Wetzel**
Logged by: **M. Miller**

Water Depth: NE ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife
Hand Auger
Sonic

USC based on field visual observations

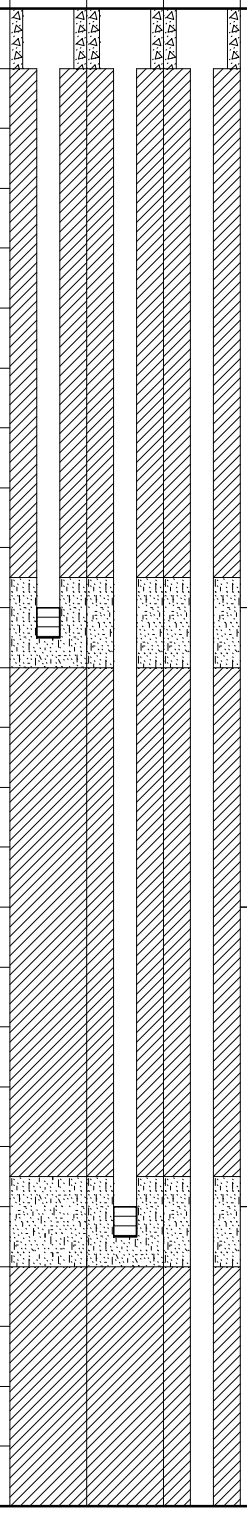
AECOM

URS (ENV RON) LOG + 2 WELLS P:\RESOURCES\GN DA AIG N \PROJEC S\21563720 04002 ROXANA SVE SYS EM - VMP RE NS ALL OC OBER 2015.GPJ P:\RESOURCES\GN DA AIG N \ENV RONMEN AL\AECOM S L (ENV RONMEN AL) GLB 1/12/16

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-33

Completion Date: 9/20/11
Casing Elevation: Not Surveyed
Ground Elevation: 444.20

Coord nates
North ng:793775.96
East ng:2322280.61



Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		18.5				Loose, medium grain gravel (FILL)	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" dual tube probe.
		202.7				Soft, dark brown, slightly organic SILT (ML)	
		44.9				Soft, dark brown, slightly organic SILT (ML)	
		63.6					
		35.9				Soft, reddish brown, SILT (ML), fine grained sand	
		45.2					
		37.0				Loose, light brown, fine grained poorly graded SAND (SP)	
		28.7					
		45.2					
		35.3				Loose, light brown, fine grained poorly graded SAND (SP)	
60		18.55			SP	Loose, dry, light brownish gray, poorly graded SAND (SP)	Hydrocarbon odor
		42.55					
60		45.4					
		36.2					
60		29.6					No odor

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
Water level at time of drilling
Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-33

Completion Date: 9/20/11
Casing Elevation: Not Surveyed
Ground Elevation: 444.20
Coord nates
North ng:793775.96
East ng:2322280.61

Depth In feet	Construction (- 0 / -20 / -30)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
30		60		38.9			SP	Loose, dry, light brown, poorly graded SAND (SP)	
				25.9					
		15		84.2					
35								Bottom of Boring at 31' bgs	
40									
45									

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-34

Completion Date: 9/27/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.21

Coord nates
North ng:793549.64
East ng:2322352.88

Depth In feet	VMP Well Construction (- 0 / -20 / -30)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
								Asphalt, loose gravel	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" dual tube probe.
				5.9				Loose, dry, black, gravely CLAY	
				25.8				Loose, dry, black, gravely CLAY	
				67.2				Loose, dry to moist, black CLAY	
				9.1				Loose, dry to moist, black to gray, fine grain Sandy CLAY	
5				8.6					
				6.5					
				8.8					
				14.4					
				13.8					
				10.4					
10		60	42	19.0			SP	Loose, dry, light brown, poorly graded SAND (SP)	Hydrocarbon odor
				32.4					
15		60	48	13.4					
				90.2					
							ML	Stiff, moist, gray, Clayey SILT (ML)	
20		60	48	79.6			SP	Loose, dry, light brown, fine grained, poorly graded SAND (SP) 2" silt layer Becomes very fine to fine grained	
				56.6					

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **L. Rathnow**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-34

Completion Date: 9/27/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.21
Coord nates
North ng:793549.64
East ng:2322352.88

Depth In feet	VMP Well Construction (- 0 / -20 / -30)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
30		60	54	65.8 57.5			SP	SAME: Loose, dry, light brown, very fine to fine grained, poorly graded SAND (SP) Becomes gay, fine grained	
		18	18	11.6				Becomes fine to medium grained	
35								Bottom of Boring at 31' bgs	
40									
45									

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **L. Rathnow**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-34 Page Of 2

Sta t ng
Date: 4/20/ 5
Comp et on
Date: 4/22/ 5
Cas ng E evat on: 433
Ground E evat on: 443 NAVD 88

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793549 64
E: (Y):2322352 88

Depth In feet	Well Construction: VMP-34-10	VMP-34-20	VMP-34-30	N/A	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
5											Asphalt, loose gravel Loose, dry, black, gravely CLAY Loose, dry to moist, black CLAY Loose, dry to moist, black to gray, fine grain Sandy CLAY	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Split spoon samples collected from 18 to 22 feet and 28 to 32 feet below ground surface. Original boring log used to supplement soil not logged during re installation.
10										SP	Loose, dry, light brown, poorly graded SAND (SP)	
15												
					20	24	0.0			SM	Loose, moist, brown, silty SAND (SM)	
20					20	24	0.0			SP	Loose, dry, light brown, fine grained, poorly graded SAND (SP) Becomes very fine to fine grained	Sampled VMP 34 042215(20 22) for VOCs, SVOCs, PAHs, and TPH GRO at 1015

Completion Depth: **32.0 Ft bgs**
Project No.: **21563720.18000**
Project Name: **Roxana Vapor Monitoring Point Replacement**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Hollow Stem Auger**
Drill Rig Type: **CME 75**
Logged by: **M. Miller**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife
Hand Auger
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS P:\RESOURCES\G N DA AIG N \PROJEC S\21563720 04002 ROXANA SVE SYS EM - VMP RE NS ALL GPJ P:\RESOURCESG N DA AIG N \ENV RONMEN AL\AECOM S L (ENV RONMEN AL) GLB 7/9/15

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-34

Sta t ng Date: 4/20/ 5
Comp et on Date: 4/22/ 5
Cas ng E evat on: 433
Ground E evat on: 443 NAVD 88

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793549 64
E: (Y):2322352 88

Depth In feet	Well Construction: VMP-34-10	VMP-34-20	VMP-34-30	N/A	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
30					24	24	0.0			SP	SAME: Loose, dry, light brown, very fine to fine grained, poorly graded SAND (SP) Becomes gay, fine grained	
					18	24	0.0				Becomes fine to medium grained	Sampled VMP 34 042215(30 32) for VOCs, SVOCs, PAHs, and TPH GRO at 1110
35											Bottom of Boring at 32' bgs	
40												
45												

Completion Depth: **32.0 Ft bgs**
Project No.: **21563720.18000**
Project Name: **Roxana Vapor Monitoring Point Replacement**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Hollow Stem Auger**
Drill Rig Type: **CME 75**
Logged by: **M. Miller**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife
Hand Auger
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS P:\RESOURCES\G N DA AIG N \PROJEC S\21563720 04002 ROXANA SVE SYS EM - VMP RE NS ALL GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN AL\AECOM S L (ENV RONMEN AL) GLB 7/9/15

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-35

Completion Date: 9/27/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.20

Coord nates
North ng:793391.32
East ng:2322345.30

Depth In feet	Construction (- 0 / -20 / -30)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
								Loose gravel	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" dual tube probe.
				18.7				Loose, dry, black, gravely CLAY	
				10.8					
				68.9					
				189.2				Loose, dry, black CLAY	
5				107.1				Loose, dry, brown CLAY	
				168.5					
				168.3					
				116.6				Loose, moist to dry, brown, Sandy CLAY	
				351.9					
				74.5					
10		60	45	475.5				Loose, moist, dark brown to brown, fine grained, poorly graded SAND (SP)	Hydrocarbon odor
				67.3					
15		60	42	25.7			SP	Becomes moist, light brown to brown	
				129.3					
20		60	48	51.4				Becomes dry	
				106.7			ML	Medium stiff, moist, brown, Sandy SILT (ML)	
							CL	Medium stiff, dry, brown, low plastic	

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **L. Rathnow**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-35

Completion Date: 9/27/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.20

Coord nates
North ng:793391.32
East ng:2322345.30

Depth In feet	Construction (- 0 / -20 / -30)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		60	48	74.3			SP	CLAY (CL) / Loose, dry, brown, fine grained, poorly graded SAND (SP)	Hydrocarbon odor
				409.5			ML	Medium stiff, moist, brown, Sandy SILT (ML)	
30		18	18	387.6			SP	Loose, dry, light brown, fine grained, poorly graded SAND (SP)	
								Bottom of Boring at 31.5' bgs	
35									
40									
45									

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **L. Rathnow**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-36

Completion Date: 9/27/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.48

Coord nates
North ng:793239.67
East ng:2322304.58

Depth In feet	Construction (- 0 / -20 / -30)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
								Asphalt	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" dual tube probe.
				63.5				Loose, dry, black, gravely CLAY	
				52.4				Loose, dry to moist, black, gravely CLAY	
				221.5				Stiff, moist, black CLAY	
				305.1				Loose, moist, black gray, sandy CLAY	
5				248.0				Loose, moist, black gray, sandy CLAY	
				353.1					
				704.2					
				1548					
				746.8					
				1816					
10		60	34	787.0				Loose, dry, light brown to light gray, fine grained, poorly graded SAND (SP)	Hydrocarbon odor
				722.6					
15		60	43	748.6			SP	Becomes light gray	
				794.1					
20		60	50	622.7					
				499.6			ML	Soft to medium stiff, moist, gray, Sandy SILT (ML), with interbedded clay	Hydrocarbon odor and staining
							SP	Loose, dry, light brown, fine to medium grained, poorly graded SAND (SP)	Hydrocarbon odor

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **L. Rathnow**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-36

Completion Date: 9/27/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.48

Coord nates
North ng:793239.67
East ng:2322304.58

Depth In feet	Construction (- 0 / -20 / -30)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
30		60	43	51.4				SAME: Loose, dry, light brown, fine to medium grained, poorly graded SAND (SP)	
				73.0			SP		
		18	18	50.1					
35								Bottom of Boring at 31.5' bgs	
40									
45									

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **L. Rathnow**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-37

Completion Date: 9/26/11
Casing Elevation: Not Surveyed
Ground Elevation: 444.10

Coord nates
North ng:792884.70
East ng:2322357.74

Depth In feet	Construction (- 0 / -20 / -30)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
				1401				Loose gravel	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" dual tube probe.
				1717				Loose, dry, brown CLAY	
				1803					
				1892				Loose, dry, brown gray, fine sandy CLAY	
5				1707					
				2743					
				1721					
				2499					
				1530					
				1460					
10							ML	Medium stiff to stiff, dry, brown to olive gray, SILT (ML)	Hydrocarbon odor
				1358					
		60	46				SP	Loose, dry, light brown, fine grained, poorly graded SAND (SP), with 2" clay lens	Hydrocarbon odor
				1159					
15								Becomes light brown to gray	
				957.5					
		60	49						
				1045					
									Hydrocarbon staining
20								Becomes light gray	No staining
				776.8					
		60	58				ML	Medium stiff, moist, gray, Clayey SILT (ML)	Hydrocarbon odor
				791.4					
							SP	Loose, dry, light gray, fine grained, poorly graded SAND (SP)	

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **L. Rathnow**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-37

Completion Date: 9/26/11
Casing Elevation: Not Surveyed
Ground Elevation: 444.10

Coord nates
North ng:792884.70
East ng:2322357.74

Depth In feet	Construction (- 0 / -20 / -30)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		60	42	990.7				SAME: Loose, dry, light gray, fine grained, poorly graded SAND (SP)	Hydrocarbon odor
				806.5			SP		
30		18	18	817.4				Becomes light brown, fine to medium grained	
								Bottom of Boring at 31.5' bgs	
35									
40									
45									

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **L. Rathnow**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-38

Completion Date: 9/15/11
Casing Elevation: Not Surveyed
Ground Elevation: 444.21

Coord nates
North ng:792585.72
East ng:2322308.32

Depth In feet	Construction (- 0 / -20 / -28)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
								Loose gravel	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" dual tube probe.
				1.5				Loose, dry to moist, black, gravely CLAY	
				11.9				Loose, dry to moist, black CLAY	
				22.5				Hard, dry to moist, black CLAY	
				557.3				Loose, dry to moist, black CLAY	
5				35.7				Loose, moist, black, fine grain SAND	
				50.7					
				158.0					
				328.7					
				814.0				Hard, dry to moist, black CLAY	
10				150.7					
		60		729				Loose, moist, light gray, fine grained, poorly graded, Silty SAND (SM), some clay 6" silt lens	Hydrocarbon odor
				984					
15		60		979			SM		
				897					
20		60		687					
				200			CL	Soft, moist, light gray, low plastic, Silty CLAY (CL)	Hydrocarbon odor

Completion Depth: **28.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-38

Completion Date: 9/15/11
Casing Elevation: Not Surveyed
Ground Elevation: 444.21

Coord nates
North ng:792585.72
East ng:2322308.32

Depth In feet	Construction (- 0 / -20 / -28)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		42		52			SP	Loose, light brown to brown, fine grained, poorly graded SAND (SP)	Hydrocarbon odor
								Bottom of Boring at 28.5' bgs	

30
35
40
45

Completion Depth: **28.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

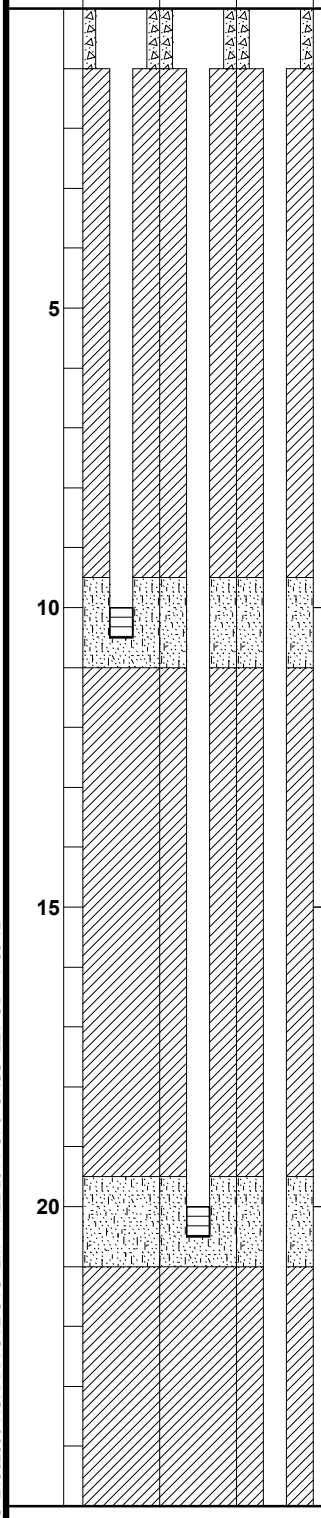
Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-39

Completion Date: 9/15/11
Casing Elevation: Not Surveyed
Ground Elevation: 445.06

Coord nates
North ng:792346.25
East ng:2322314.14



Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
						Loose gravel	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" dual tube probe.
		31.2				Loose, dry, black CLAY	
		110.9					
		50.3				Medium stiff, dry, to moist, black CLAY	
		75.6					
		912.4				Loose, moist, black, dry to oist, sandy CLAY	
		353.3					
		901.7				Medium stiff, dry to moist, black CLAY	
		724.4				Loose, moist, black, sandy CLAY	
		800.3					
		836.3					
60		922.6			SP	Loose, moist, light brown, fine grained, poorly graded SAND (SP)	Hydrocarbon odor
		893.6					
60		848.7					
		866.2					
					ML	Very soft, wet, gray, Sandy SILT (ML) ▽	
60		418.5			SP	Loose, moist, light brown, fine grained, poorly graded SAND (SP)	
		988.7					

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 18.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-39

Completion Date: 9/15/11
Casing Elevation: Not Surveyed
Ground Elevation: 445.06

Coord nates
North ng:792346.25
East ng:2322314.14

Depth In feet	Construction	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	- 0 -20 -30								
		60		334.1			SP	SAME: Loose, moist, light brown, fine grained, poorly graded SAND (SP)	Hydrocarbon odor
				851.7			CL	Medium stiff, olive brown, low plastic, Silty CLAY (CL)	Hydrocarbon odor
30		12		930.4			SP	Loose, moist, light brown, fine grained, poorly graded SAND (SP), with interbedded clay	Hydrocarbon odor
								Bottom of Boring at 31' bgs	
35									
40									
45									

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: 18.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-40

Completion Date: 9/26/11
Casing Elevation: Not Surveyed
Ground Elevation: 444.74

Coord nates
North ng:792184.44
East ng:2322398.65

Depth In feet	Construction (- 0 / -20 / -30)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
								Asphalt	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" dual tube probe.
				68.5				Loose, dry to moist, black, gravely CLAY	
				131.6					
				740.6					
				954.8				Loose, moist, black gray, sandy CLAY	
5				938.6					
				718.1					
				750.6					
				778.2					
				904.1					
				896.2					
10								Loose, dry, light brown, fine grained, poorly graded SAND (SP)	Hydrocarbon odor
				398.6					
		60	40						
				624.4					
15									
				616.0			SP		
		60	40						
				689.8					
20									
				141.2					
		60	46						
				34.0			CL	Soft, dry, light gray CLAY (CL)	
							SP	Loose, dry, light brown, fine grained, poorly graded SAND (SP)	Hydrocarbon odor

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **L. Rathnow**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-40

Completion Date: 9/26/11
Casing Elevation: Not Surveyed
Ground Elevation: 444.74

Coord nates
North ng:792184.44
East ng:2322398.65

Depth In feet	Construction (- 0 / -20 / -30)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
30		60	48	32.7			SP	SAME: Loose, dry, light brown, fine grained, poorly graded SAND (SP) Becomes fine to medium grained	Hydrocarbon odor
				35.0					
		18	18	16.2				Bottom of Boring at 31.5' bgs	
35									
40									
45									

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **L. Rathnow**

URS

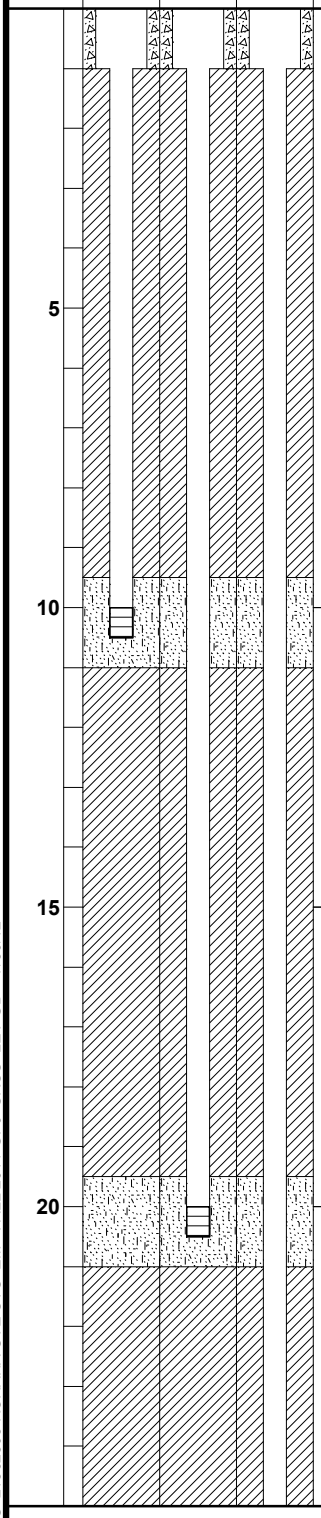
Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-41

Completion Date: 9/9/11
Casing Elevation: Not Surveyed
Ground Elevation: 433.97

Coord nates
North ng:792024.21
East ng:2321930.41



Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		0.3				Loose, gravel	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" dual tube probe.
		0.3				Loose, dry, brow, gravelly CLAY	
		0.3					
		0.1				Loose, dry, brown, fine grain SAND	
		0.2					
		0.1				Loose, dry, brown, fine grain SAND	
60		0.4				Loose, dry, light brown, fine grained, poorly graded SAND (SP)	
		0.0					
60		0.1			SP		
60		0.1				Becomes light brown to brown	
		0.1					

Completion Depth: 27.1 ft bgs
Project No.: 21562593
Project Name: Roxana SVE System
Drilling Contractor: Roberts Environmental Drilling, Inc.
Drilling method: Dual-tube Geoprobe
Rig Type: AMS Power-probe
Drilled by: P. Seymour/E. Wetzel
Logged by: L. Rathnow

Water Depth: 25 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling

Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-41

Completion Date: 9/9/11
Casing Elevation: Not Surveyed
Ground Elevation: 433.97

Coord nates
North ng:792024.21
East ng:2321930.41

Depth In feet	Construction (- 0 / -20 / -26)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		25		0.0			SP	Loose, wet, light brown to brown, fine grained, poorly graded SAND(SP)	
								Bottom of Boring at 27.1' bgs	

30
35
40
45

Completion Depth: **27.1 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **L. Rathnow**

URS

Water Depth: 25 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

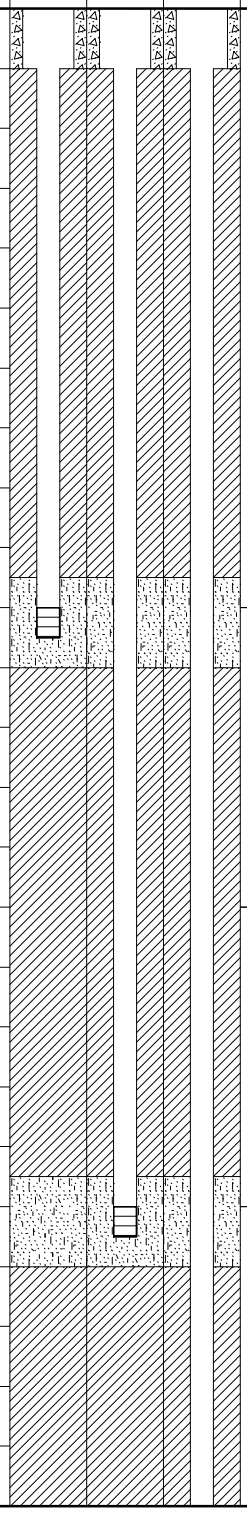
USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-42

Completion Date: 9/12/11
Casing Elevation: Not Surveyed
Ground Elevation: 442.82

Coord nates
North ng:793588.33
East ng:2322209.96



Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
						4" oil and chips PVT	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" dual tube probe.
		1.3				Dense, moist, brown, sandy SILT	
		1.9					
		0.8				Dense, moist, brown SAND	
		0.9					No sample taken, sand excavated to quickly
		0.6					
		0.7					
		1.0					
		0.9					
		4.5					
60		2.3				Loose, dry, light brown, fine grained, poorly graded SAND (SP), trace silt	
		26.3					
60		51.7			SP	Becomes light gray	
		49.1					
60		9.3				Becomes light to medium gray, very fine to fine grained	
		18.6				6" clay lens	

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-42

Completion Date: 9/12/11
Casing Elevation: Not Surveyed
Ground Elevation: 442.82
Coord nates
North ng:793588.33
East ng:2322209.96

Depth In feet	Construction (- 0 / -20 / -30)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
30		60		94.2 33.9			SP	Loose, dry, light gray, fine grained SAND (SP)	
		18		65.8				Bottom of Boring at 31.5' bgs	
35									
40									
45									

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

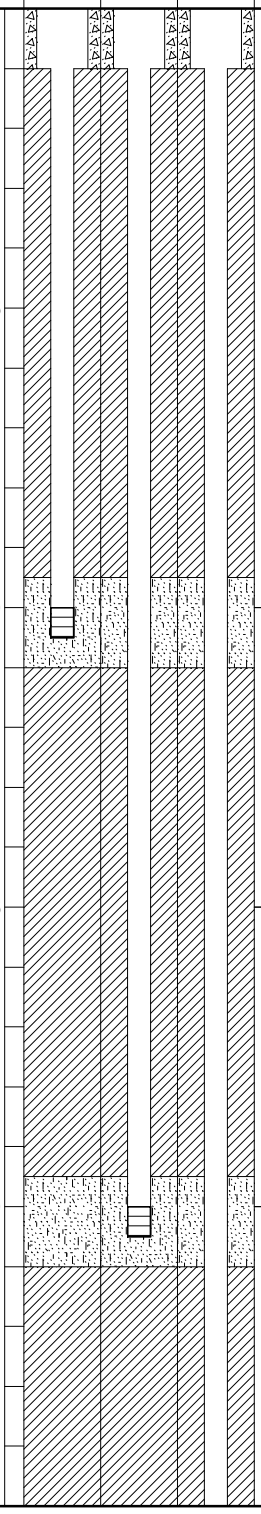
USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-43

Completion Date: 9/9/11
Casing Elevation: Not Surveyed
Ground Elevation: 442.04

Coord nates
North ng:793307.23
East ng:2322217.42



Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
						4" oil and chip	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" dual tube probe.
		2.6				Dense, damp, dark brown, sabd SILT	
		5.0				Dense, damp, dark brown, SAND and SILT	
		3.1					
		1.4				Dense, moist, brown, SAND	
		1.1					
		2.0				Dense, moist, brown SAND	
		1.2					
		2.6					
		22.3				Dense, moist, brown SAND	
		29.8					
60		8.3				Loose, dry, light gray, fine grained, poorly graded SAND (SP)	
		0					
60		10.8					
		47.4					
60		48				Becomes light gray to brown	
		113					

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
Water level at time of drilling
Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-43

Completion Date: 9/9/11
Casing Elevation: Not Surveyed
Ground Elevation: 442.04

Coord nates
North ng:793307.23
East ng:2322217.42

Depth In feet	Construction (- 0 / -20 / -30)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		60		4.1			SP	SAME: Loose, dry, light gray to brown, fine grained, poorly graded SAND (SP)	
				192					
30		18		46.5			SM	Loose, gray, very fine grained, Silty SAND (SM), some clay	
							SP	Loose, light brown, fine grained, poorly graded SAND (SP)	
								Bottom of Boring at 31.5' bgs	
35									
40									
45									

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **S. Wrightson**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
Water level at time of drilling
Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

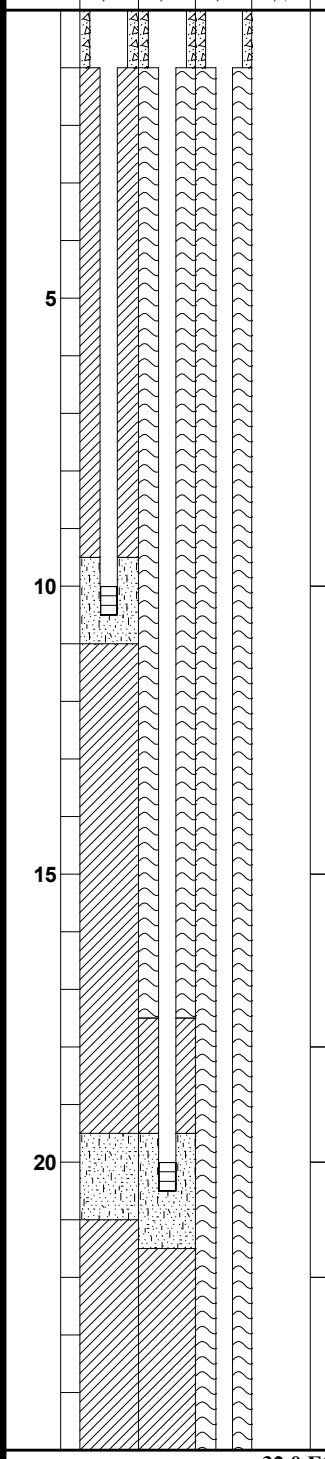
URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-43 Page Of 2

Sta t ng Date: 4/ 4/ 5
Comp et on Date: 4/20/ 5
Cas ng E evat on: 44 95
Ground E evat on: 44 95 NAVD 88

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793307 23
E: (Y):23222 7 42



DESCR PT ON	NOTES
4" oil and chip	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" HSA. Split spoon samples collected from 18 to 22 feet and 28 to 32 feet below ground surface. Original boring log used to supplement soil not logged during re installation.
Dense, damp, dark brown, sabd SILT	
Dense, damp, dark brown, SAND and SILT	
Dense, moist, brown, SAND	
Dense, moist, brown SAND	
Dense, moist, brown SAND	
Loose, dry, light gray, fine grained, poorly graded SAND (SP)	Sampled VMP 43 042015(10 11) for VOCs, SVOCs, PAHs, and TPH GRO at 1015 at 1430
Becomes light gray to brown	Sampled VMP 43 042015(20 21) for VOCs, SVOCs, PAHs, and TPH GRO at 1520

Completion Depth: **32.0 Ft bgs**
Project No.: **21563720.18000**
Project Name: **Roxana Vapor Monitoring Point Replacement**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Hollow Stem Auger**
Drill Rig Type: **Geoprobe 8040DT**
Logged by: **M. Miller**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife
Hand Auger
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS P:\RESOURCES\G N DA AIG N \PROJEC S\21563720 04002 ROXANA SVE SYS EM - VMP RE NS ALL GPJ P:\RESOURCESIG N DA AIG N \ENV RONMEN AL\AECOM S L (ENV RONMEN AL) GLB 7/9/15

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-43

Sta t ng
Date: 4/ 4/ 5
Comp et on
Date: 4/20/ 5
Cas ng E evat on: 44 95
Ground E evat on: 44 95 NAVD 88

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793307 23
E: (Y):23222 7 42

Depth In feet	Well Construction: VMP-43-10	Well Construction: VMP-43-20	Well Construction: VMP-43-30	Well Construction: N/A	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
										SP	SAME: Loose, dry, light gray to brown, fine grained, poorly graded SAND (SP)	
					24	24	0.0			SM	Medium dense, gray, very fine grained, Silty SAND (SM), some clay	
30					18	24	0.0			SP	Medium dense, light brown, fine grained, poorly graded SAND (SP)	Sampled VMP 43 042015(30 31) for VOCs, SVOCs, PAHs, and TPH GRO at 1545
											Bottom of Boring at 32' bgs	
35												
40												
45												

Completion Depth: **32.0 Ft bgs**
Project No.: **21563720.18000**
Project Name: **Roxana Vapor Monitoring Point Replacement**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Hollow Stem Auger**
Drill Rig Type: **Geoprobe 8040DT**
Logged by: **M. Miller**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife
Hand Auger
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS P:\RESOURCES\G N DA AIG N \PROJEC S\21563720 04002 ROXANA SVE SYS EM - VMP RE NS ALL GPJ P:\RESOURCESIG N DA AIG N \ENV RONMEN AL\AECOM S L (ENV RONMEN AL) GLB 7/9/15

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-44

Completion Date: 11/3/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.85

Coord nates
North ng:792981.43
East ng:2322237.63

Depth In feet	Construction (- 0 / -20 / -30)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	ASPHALT	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" dual tube probe.
				34.6				Stiff, moist, black to brown, medium plastic, silty CLAY	
				11.9					
				17.9					
				11.4				Medium stiff, Moist, medium brown dark gray, medium to low plastic, silty CLAY	
5				42.8				Dense, moist, dark grak SILT	
				328					
				1386			ML	Becomes olive	
				1114					
				1153					
10		60		1167					
				902					
				875				Dense, moist, gray, fine grained, Silty SAND (SM)	
15				40.6			SM		
				20.7				3" clay layer	
		60						Medium stiff, moist, olive and light brown, Silty CLAY (CL)	
				15.6					
20								Becomes light brown, meduim plastic	
							CL		
		60		60.4				Become olive	
				25.6					

Completion Depth: **31.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **E. Wetzel**
Logged by: **R. Hart**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

- ▽ Water level at time of drilling
- ▼ Water level after drilling
- ATD - At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger
- Sampler
- Air Rotary
- Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 1/24/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-44

Completion Date: 11/3/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.85

Coord nates
North ng:792981.43
East ng:2322237.63

Depth In feet	Construction (- 0 / -20 / -30)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							CL	Medium stiff, moist, brown, medium to high plastic Silty CLAY (CL)	
		60		11.1			SM	Dense, moist, brown, fine to medium grained, Silty SAND (SM)	
				14.7				Very thin <1/4" clay lens	
30		12							
								Bottom of boring at 31' bgs	
35									
40									
45									

Completion Depth: **31.0 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **E. Wetzel**
Logged by: **R. Hart**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD - At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 1/24/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-45

Completion Date: 11/3/11
Casing Elevation: Not Installed
Ground Elevation: 444.32

Coord nates
North ng:792699.15
East ng:2322246.12

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							ASPHALT	ASPHALT	
				1.1				Medium stiff, brown, moist Silty CLAY (SC), medium plastic	
				1.4					
				1.5			SC	Becomes more silty with depth	
				1.8					
5				1.6				Medium dense, moist, fine grained, Silty SAND (SM), poorly graded.	
				1.2					
				1.9			SM		
				1.6					
				1.3					
10				1.3				Dense, gray, moist, silty CLAY (CL)	
				0.4			CL		
				2.6					
15				8.2				Medium dense, brown, moist, Silty SAND (SM), fine grained	
				5.7			SM		
20				11.6					
				301.2				Medium stiff, olive, moist, low plastic, Silty CLAY (CL) Product sheen visible intermittently from 21.5 to 25	
				194.4			CL		

Completion Depth: **31.0 ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push** Rig Type: _____
Drilled by: _____
Logged by: **M. Corbett**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

- ▽ Water level at time of drilling
- ▼ Water level after drilling
- ATD At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger Sampler
- Air Rotary
- Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 00014 ROXANA SVE GPJ URSS LEV GD 4/6/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-45

Completion Date: 11/3/11
Casing Elevation: Not Installed
Ground Elevation: 444.32

Coord nates
North ng:792699.15
East ng:2322246.12

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
				265.6				No recovery 25 to 26.5	
30							SM	Dense, brown Silty SAND (SM), fine to coarse grained Interbedded dark banding present from 20 to 29.5'	
								Bottom of boring at 31.0 ft	
35									
40									
45									

Completion Depth: **31.0 ft bgs**
Project No.: **21562593.00014**
Project Name: **Roxana SVE Pilot Test**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **Direct Push** Rig Type: _____
Drilled by: _____
Logged by: **M. Corbett**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

- ▽ Water level at time of drilling
- ▼ Water level after drilling
- ATD At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger Sampler
- Air Rotary
- Sonic

USC based on field visual observations

URS (ENV RON) LOG + 1 WELL 21562593 00014 ROXANA SVE GPJ URSS LEV GD 4/6/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-46

Completion Date: 9/26/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.34

Coord nates
North ng:793632.18
East ng:2322343.79

Depth In feet	Construction (- 0 / -20 / -30)	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
								Chip soil surface, 4" cover	Boring advanced to a depth of 10' via air knife to clear utilities, then continued with 4.25" dual tube probe.
				234.3				Medium stiff, moist, dark brown, Sandy Clay (FILL)	
				153.8				Medium stiff, moist to dry, brow, Sandy Silt (FILL), with clay	
				100.5					
				75.5				Trace clay	
5				43.7				Stiff, dry, gray, Sandy SILT (ML)	
				38.9					
				45.6				Medium dense, dry, gray, fine grained, Silty SAND (SM)	
				20.6					
				25.9					
				24.8					
10				79.5				Loose, dry, light brown, very fine to fine grained, poorly graded SAND (SP)	
		60	46						
				34.4					
15				28.8				Becomes fine grained	
		60	48				SP		
				31.1					
20				17.9				Becomes light gray to light brown, very fine to fine grained	
		60	50						
				43.2					

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **L. Rathnow**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-46

Completion Date: 9/26/11
Casing Elevation: Not Surveyed
Ground Elevation: 443.34

Coord nates
North ng:793632.18
East ng:2322343.79

Depth In feet	Construction	Inches Dr ven	Inches Recovered	PID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
	- 0 -20 -30								
		60	48	32.4			SP	SAME: Loose, dry, light brown, fine grained, poorly graded SAND (SP)	
				25.2					
30		18	18	73.4			SP	Becomes light gray	
								Bottom of Boring at 31.5' bgs	
35									
40									
45									

Completion Depth: **31.5 ft bgs**
Project No.: **21562593**
Project Name: **Roxana SVE System**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Dual-tube Geoprobe** Rig Type: **AMS Power-probe**
Drilled by: **P. Seymour/E. Wetzel**
Logged by: **L. Rathnow**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS 21562593 ROXANA SVE SYS EM - FALL 2011 GPJ URSS LEV GD 7/30/12

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-47 Page Of 2

Start ng Date: 2/ 0/ 2
Comp et on Date: 2/ 0/ 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 445 57

Quadrangle
Sec:34 (NE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):794065 93
E: (Y):2322206 09

Depth In feet	Construction: VMP-47-30	Construction: VMP-47-20	Construction: VMP-47-10	Construction: VMP-47-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
										ASPHALT	Asphalt and gravel	Air knifed to 10' bgs to clear utilities.
5										FILL	Brown, moist, medium to coarse grained SAND (FILL), with trace gravel Gravel grades out Trace organics Trace gravel Becomes with organics	
10					36	36	0.0 0.0			SP	Loose to medium dense, dry to moist, brown, fine to medium grained SAND (SP)	Sampled VMP 47 12 for VOC at 1340
15					60	45	0.0 1.0			SP	Becomes moist, gray and brown 1" gray, low plastic, clay seam	
20					60	44	5.0 1.2 3.7			SP	Becomes gray	Sampled VMP 47 19 for VOC at 1345
							3.5					

Completion Depth: **33.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GD 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-47

Start ng Date: 2/ 0/ 2
Comp et on Date: 2/ 0/ 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 445 57

Quadrangle
Sec:34 (NE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):794065 93
E: (Y):2322206 09

Depth In feet	Construction: VMP-47-30	Construction: VMP-47-20	Construction: VMP-47-10	Construction: VMP-47-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
					60	44				SP	Same: Loose to medium dense, moist, gray, fine to medium grained SAND (SP)	
										ML	Soft to medium stiff, moist, gray, Clayey SILT (ML)	
							1.4				Loose to medium dense, moist, brown, medium to coarse grained SAND (SP)	
30					60	45	4.9			SP		Sampled VMP 47 29 for VOC at 1350
							4.7					
							2.3					
											Bottom of boring at 33 ft. bgs	
35												
40												
45												

Completion Depth: **33.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GD 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-47 Replacement

Sta t ng Date: 7/23/ 3
Comp et on Date: 7/23/ 3
Cas ng E evat on: Not Insta ed
Ground E evat on: 445 57

Quadrangle
Sec:34 (NE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):794065 93
E: (Y):2322206 09

Depth In feet	Construction: VMP-47-30	Construction: VMP-47-20	Construction: VMP-47-10	Construction: VMP-47-5	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
										ASPHALT	Asphalt and gravel	
										FILL	Brown, moist, medium to coarse grained SAND (FILL), with trace gravel	
											Gravel grades out	
											Trace organics	
5											Trace gravel	
											Becomes with organics	Collect Sudan Kit at 8 9' bgs (White) Sampled VMP 47 3OR (8 9') for VOC and GRO at 1100
							0.0/1.89				Loose, dry, gray, fine to medium grained SAND (SP)	
							0.2/3.97					
10							0.0/3.04					
							0.0/3.52					
15							0.0/22.14			SP		
											Becomes moist, gray and brown	
							5.6/37.53				1" gray, low plastic, clay seam	Collect Sudan Kit at 17.5 20' bgs (White)
20												Collect Sudan Kit at 20 22.5' bgs (White) Sampled VMP 47 30R (20 22.5') for VOC and GRO at 1105
							10.5/38.22				2.5" stiff, moist, gray silty clay seam	Collect Sudan Kit at 22.5 25' bgs (White)
							5.1/57.60				Becomes gray, fine grained, with silt	

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **S. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013) GPJ URSS LEV GD 8/29/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-47 Replacement

Sta t ng Date: 7/23/ 3
Comp et on Date: 7/23/ 3
Cas ng E evat on: Not Insta ed
Ground E evat on: 445 57

Quadrangle
Sec:34 (NE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):794065 93
E: (Y):2322206 09

Depth In feet	Construction: VMP-47-30	Construction: VMP-47-20	Construction: VMP-47-10	Construction: VMP-47-5	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
										SP	Same: Loose to medium dense, moist, gray, fine to medium grained SAND (SP)	Collect Sudan Kit at 25 27.5' bgs (White)
							0.2/73.47			ML	Soft to medium stiff, moist, gray, Clayey SILT (ML)	
											Loose to medium dense, moist, brown, medium to coarse grained SAND (SP)	
							2.1/5.96			SP		
30							0.4/4.08					Collect Sudan Kit at 30 31' bgs (White) Sampled VMP 47 30R (30 31') for VOC and GRO at 1110
											Bottom of boring at 31 ft. bgs	
35												
40												
45												

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **S. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS LEV GD 8/29/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-48 Page Of 2

Start ng Date: 2/ / 2
Comp et on Date: 2/ / 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 443 72

Quadrangle
Sec:34 (NE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793748 22
E: (Y):2322 50 34

Depth In feet	Construction: VMP-48-30	Construction: VMP-48-20	Construction: VMP-48-10	Construction: VMP-48-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
										ASPHALT	Asphalt and gravel	Air knifed to 10' bgs to clear utilities.
											Loose, moist, brown Silty CLAY (CL)	
5										CL	Becomes stiff, with gray mottles, silt grades out	
											Loose to medium dense, moist, brown, clayey SAND (SC)	
10										SC		
					36	36	0.0				Medium dense, moist, brown, fine grained SAND (SP)	
							0.2				Becomes loose, fine to medium grained	Sampled VMP 48 13 for VOC at 0955
15					60	41	0.2			SP		
							0.2					
					60	42	0.5			CL	Soft, moist, brown, some gray, low plastic CLAY (CL)	
20							0.7				Loose, moist, gray, fine to medium grained SAND (SP)	Sampled VMP 48 21 for VOC at 1000
							0.2			SP		
							1.4					

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: ft., After hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GDT 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-48

Start ng Date: 2/ / 2
Comp et on Date: 2/ / 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 443 72

Quadrangle
Sec:34 (NE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793748 22
E: (Y):2322 50 34

Depth In feet	Construction: VMP-48-30	Construction: VMP-48-20	Construction: VMP-48-10	Construction: VMP-48-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
30					60	44	1.6			SP	Same: Loose, moist, brown fine to medium grained SAND (SP)	Sampled VMP 48 27 for VOC at 1005
					36	24	1.6 1.1					
35											Bottom of boring at 31 ft. bgs	
40												
45												

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GDT 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-49 Page Of 2

Start ng Date: 2/ 2/ 2
Comp et on Date: 2/ 2/ 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 442 35

Quadrangle
Sec:34 (E - center of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793442 96
E: (Y):2322 53 23

Depth In feet	Construction: VMP-49-30	Construction: VMP-49-20	Construction: VMP-49-10	Construction: VMP-49-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
										ASPHALT	Asphalt and gravel	Air knifed to 10' bgs to clear utilities.
										FILL	Loose, dry, dark brown, Silty CLAY (FILL), trace organics	
5										CL	Loose, dry, brown with gray mottles, Silty CLAY (CL)	
										ML	Moist, brown Clayey SILT (ML)	
										SP	Meduim dense, moist, brown, fine grained SAND (SP)	
10					36	36	0.3			SP	Becomes dark brown, fine to medium grained with silt	Sampled VMP 49 11 for VOC at 1035
							0.2			SP	Becomes brown, silt grades out	
15					60	42	0.1			SP	Becomes loose to medium dense	
							0.1			SP		
							0.2			SP		
20					60	48				SP		
							0.2			CL	Soft, moist, brown, low plastic CLAY (CL)	Sampled VMP 49 21 for VOC at 1040
							0.3			SP	Medium dense, dry to moist, gray, fine grained SAND (SP)	
							0.4			SP		

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, J. Staetter**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GDT 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-49

Start ng Date: 2/ 2/ 2
Comp et on Date: 2/ 2/ 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 442 35

Quadrangle
Sec:34 (E - center of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793442 96
E: (Y):2322 53 23

Depth In feet	Construction: VMP-49-30	Construction: VMP-49-20	Construction: VMP-49-10	Construction: VMP-49-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
					60	48				SP	Same: Medium dense, dry to moist, gray, fine grained SAND (SP)	
							5.7			CL	Medium stiff to stiff, moist, brown, low plastic CLAY (CL)	
					36	27	7.4			SP	Medium dense, dry to moist, gray, fine to medium grained SAND (SP)	
30							13.3					Sampled VMP 49 30 for VOC at 1045
											Bottom of boring at 31 ft. bgs	
35												
40												
45												

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, J. Staetter**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GDT 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-50 Page Of 2

Start ng Date: 2/ / 2
Comp et on Date: 2/ / 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 443 83

Quadrangle
Sec:34 (E - center of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793 50 29
E: (Y):2322 66 22

Depth In feet	Construction: VMP-50-30	Construction: VMP-50-20	Construction: VMP-50-10	Construction: VMP-50-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
										ASPHALT	Asphalt and gravel.	Air knifed to 10' bgs to clear utilities.
										ML	Moist, dark brown, Clayey SILT (ML)	
5										SP	Moist, brown, fine grained SAND (SP)	
											Becomes fine to medium grained	
10										SM	Medium dense, moist, brown, fine grained Silty SAND (SM)	
					36	36	0.7			SP	Medium dense, moist, brown, fine grained SAND (SP)	
							1.0					Sampled VMP 50 13 for VOC at 1330
15					60	46	4.2					
							3.2					
							1.4				Becomes gray	
20					60	48	1717					Sampled VMP 50 21 for VOC at 1335
							1339					
											Becomes wet	
							186.2					

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 23.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GDT 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-50

Start ng Date: 2/ / 2
Comp et on Date: 2/ / 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 443 83

Quadrangle
Sec:34 (E - center of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):793 50 29
E: (Y):2322 66 22

Depth In feet	Construction: VMP-50-30	Construction: VMP-50-20	Construction: VMP-50-10	Construction: VMP-50-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
					60	53				CL	Soft, moist to wet, brown, low plastic Silty CLAY (CL)	
							55.8			SP	Medium dense, moist, brown, medium grained SAND (SP)	
30					36	28	37.1 37.8					Sampled VMP 50 29 for VOC at 1340
											Bottom of boring at 31 ft bgs.	
35												
40												
45												

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 23.5 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GDT 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-51 Page Of 2

Start ng Date: 2/ 2/ 2
Comp et on Date: 2/ 2/ 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 444 27

Quadrangle
Sec:34 (E - center of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792843 27
E: (Y):2322072 37

Depth In feet	Construction: VMP-51-30	Construction: VMP-51-20	Construction: VMP-51-10	Construction: VMP-51-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
										ASPHALT	Asphalt and gravel	Air knifed to 10' bgs to clear utilities.
										ML	Moist, dark brown Clayey SILT (ML)	
										CL	Soft, moist, brown Silty CLAY (CL)	
										ML	Moist, brown Clayey SILT (ML)	
5										SP	Moist, brown, fine grained SAND (SP)	
											Becomes fine to medium grained	
											Becomes wet	
10										CL	Soft, moist to wet, brown, low plastic CLAY (CL)	
					36	30	0.1				Medium dense, moist, brown, medium grained SAND (SP)	
							0.3					
					60	42	0.4					Sampled VMP 51 14 for VOC at 1315
15							0.4			SP		
					60	42	0.2					
20							0.6					Sampled VMP 51 21 for VOC at 1325
							0.2					
							0.4					

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, J. Staetter**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 11 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GDT 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-51

Start ng Date: 2/ 2/ 2
Comp et on Date: 2/ 2/ 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 444 27

Quadrangle
Sec:34 (E - center of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792843 27
E: (Y):2322072 37

Depth In feet	Construction: VMP-51-30	Construction: VMP-51-20	Construction: VMP-51-10	Construction: VMP-51-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
30					60	48	0.3			SP	Same: Medium dense, moist, brown, medium grained SAND (SP)	
					36	26	0.1 0.3				Bottom of boring at 31 ft. bgs	Sampled VMP 51 31 for VOC at 1330
35												
40												
45												

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, J. Staetter**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 11 ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GD 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-52 Page Of 2

Start ng Date: 2/ 3/ 2
Comp et on Date: 2/ 3/ 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 443 73

Quadrangle
Sec:34 (E - center of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792527 8
E: (Y):2322 66 68

Depth In feet	Construction: VMP-52-30	Construction: VMP-52-20	Construction: VMP-52-10	Construction: VMP-52-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
										ASPHALT	Asphalt and gravel	Air knifed to 10' bgs to clear utilities.
										CL	Moist, dark brown Silty CLAY (CL)	
5										ML	Moist, dark brown, Clayey SILT (ML) Becomes brown with gray mottling	
										SP	Moist, brown, fine grained SAND (SP)	
10										CL	Soft, moist, brown, low plastic, Sandy CLAY (CL)	
					36	24	0.3 0.3			SP	Loose to medium dense, moist, brown, fine to medium grained SAND (SP), trace clay seams no > 1"	
15					60	36	0.2 0.1				Clay seams grade out	Sampled VMP 52 13 for VOC at 1015
20					60	36	0.3 0.2 0.3					
							1.0					

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, J. Staetter**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GDT 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-52

Start ng Date: 2/ 3/ 2
Comp et on Date: 2/ 3/ 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 443 73

Quadrangle
Sec:34 (E - center of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792527 8
E: (Y):2322 66 68

Depth In feet	Construction: VMP-52-30	Construction: VMP-52-20	Construction: VMP-52-10	Construction: VMP-52-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
30					60	36	0.8			SP	Same: Loose to medium dense, moist, brown, fine to medium grained SAND (SP)	Sampled VMP 52 25 for VOC at 1020
					36	26	0.5 0.4					Sampled VMP 52 29 for VOC at 1025
											Bottom of boring at 31 ft. bgs	
35												
40												
45												

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, J. Staetter**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GDT 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-53 Page Of 2

Start ng Date: 2/ 3/ 2
Comp et on Date: 2/ 3/ 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 443 55

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792228 78
E: (Y):2322 69 96

Depth In feet	Construction: VMP-53-30	Construction: VMP-53-20	Construction: VMP-53-10	Construction: VMP-53-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
										ASPHALT	Asphalt and gravel	Air knifed to 10' bgs to clear utilities.
										FILL	Moist, brown Clayey SILT (FILL), trace gravel	
											Loose, moist, light brown, fine to meduim grained SAND (SP)	
											Becomes brown	
5											Becomes with clay	
10					36	36	0.6 0.7			SP	Clay grades out	
15					60	52	0.4 0.7					Sampled VMP 53 15 for VOC at 1325
20					60	48	0.4 0.8 0.7					
							0.7					

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, J. Staetter**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GDT 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-53

Start ng Date: 2/ 3/ 2
Comp et on Date: 2/ 3/ 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 443 55

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792228 78
E: (Y):2322 69 96

Depth In feet	Construction: VMP-53-30	Construction: VMP-53-20	Construction: VMP-53-10	Construction: VMP-53-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
					60	48	1.0			SP	Same: Loose, moist, brown, fine to meduim grained SAND (SP)	Sampled VMP 53 27 for VOC at 1340
					36	30	0.6					
30							0.8			CL	Medium stiff, moist, brown, low plastic CLAY (CL)	
											Bottom of boring at 31 ft. bgs	Sampled VMP 53 31 for VOC at 1345
35												
40												
45												

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, J. Staetter**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GDT 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-54 Page Of 2

Start ng Date: 2/ 4/ 2
Comp et on Date: 2/ 4/ 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 433 65

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792230 4
E: (Y):232 840 44

Depth In feet	Construction: VMP-54-30	Construction: VMP-54-20	Construction: VMP-54-10	Construction: VMP-54-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
										ASPHALT	Asphalt and gravel	Air knifed to 10' bgs to clear utilities.
5											Meduim dense, moist, brown, fine to meduim grained SAND (SP)	
											Becomes medium grained	
10					36	36	0.6 1.2			SP		
15					60	44	1.8 1.3					Sampled VMP 54 15 for VOC at 0911
											Becomes medium to coarse grained Trace black banding for 3"	
20					60	42	1.7 0.7 0.9					
							1.3					

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GDT 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-54

Start ng Date: 2/ 4/ 2
Comp et on Date: 2/ 4/ 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 433 65

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):792230 4
E: (Y):232 840 44

Depth In feet	Construction: VMP-54-30	Construction: VMP-54-20	Construction: VMP-54-10	Construction: VMP-54-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
30					60	48	1.1			SP	Same: Medium dense, moist, brown, medium to coarse grained SAND (SP)	Sampled VMP 54 25 for VOC at 0920
					36	30	0.9 1.0				Bottom of boring at 31 ft. bgs	Sampled VMP 54 31 for VOC at 0926
35												
40												
45												

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **E. Arthur, W. Pennington**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: NE ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GDT 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-55 Page Of 2

Start ng Date: 2/ 7/ 2
Comp et on Date: 2/ 7/ 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 430 55

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 879 4
E: (Y):232 828 60

Depth In feet	Construction: VMP-55-30	Construction: VMP-55-20	Construction: VMP-55-10	Construction: VMP-55-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
							0.0			TOPSOIL	Topsoil	Air knifed to 10' bgs to clear utilities.
							0.0			FILL	Sand and gravel, asphalt rubble (FILL)	
							0.2					
							0.3					
5							74.9					
							66.2					
							58.4				Becomes stiff, moist, dark gray clay, some sand and gravel asphalt	
							33.1					
							48.2					
10					36	36	0.0					
							0.1					
					60	60	0.0			CL	Stiff, moist, gray, low plastic CLAY (CL), with brown mottles	Sampled VMP 55 13 for VOC at 1310
15							0.0					
					60	60	0.0					
							0.0					
20							0.0					
							1.0				Becomes sandy	
							2.1			SP	Loose, moist, brown, medium grained SAND (SP) 2" clay seam	

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **W. Pennington, J. Staetter**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 28 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GDT 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-55

Start ng Date: 2/ 7/ 2
Comp et on Date: 2/ 7/ 2
Cas ng E evat on: Not Insta ed
Ground E evat on: 430 55

Quadrangle
Sec:34 (SE /4 of NE /4)
T:5N
R:9W
UTM (or State Plane) Coord
N: (X):79 879 4
E: (Y):232 828 60

Depth In feet	Construction: VMP-55-30	Construction: VMP-55-20	Construction: VMP-55-10	Construction: VMP-55-5	Inches Dr ven	Inches Recovered	PID (ppm)	Graph c	Samp er Symbo	USCS	DESCR PT ON	NOTES
30					60	42	0.2			SP	Same: Loose, moist, brown, medium grained SAND (SP) 0.5" clay seam	Sampled VMP 55 25 for VOC at 1315
					36	26	32.1 128.9				Becomes wet ▽ Bottom of boring at 31 ft. bgs	Sampled VMP 55 31 for VOC at 1320
35												
40												
45												

Completion Depth: **31.0 Ft bgs**
Project No.: **21562850.15000**
Project Name: **Roxana Vapor Monitoring Point Drilling**
Drilling Contractor: **Roberts Enviromental Drilling, Inc.**
Driller Name: **P. Seymour**
Drilling Method: **Direct Push**
Drill Rig Type: **8040 DT**
Logged by: **W. Pennington, J. Staetter**
County: **Madison**
Site ID No.: **1191150002**
Federal ID No.: **ILD 080 012 305**

Water Depth: 28 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
NE None Encountered
NA Not Applicable

Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

URS

USC based on field visual observations

URS (EV RON) LOG (EPA FORMA) +4 WELLS 21562850 15000 (ROXANA VMP 2013).GPJ URSS_LEV.GDT 3/1/13

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-56

Start Date: Not Installed
Completion Date: 8/23/13
Casing Elevation: Not Installed
Ground Elevation: 442.37

Coord nates
North ng:793321.40
East ng:2322195.00

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
							FILL	Grass and roots	
		36	32	2.2 11.25			CL	Medium stiff, moist, brown, silty CLAY (CL), low plaasticity	
5		60	45	1.1 10 1.0 11.05			CL SM	Medium stiff, moist, brown, sandy CLAY (CL), low plasticity Moist, brown, medium dense, silty SAND (SM)	
10		60	52	1.0 10.56 1.5 10.28			SP	Loose, moist, brown, fine SAND (SP) Becomes light brown, dry	Sample 9 11' @ 1350 w/MSMSD
15		60	44	1.8 10.49 2.1 10.66			SP	Becomes moist, some sand with silt Some reddish staining	
20		60	55	1.9 10.62 2.0 10.08			SP		
				2.9			SP		Sample 24 25' @ 1440

Completion Depth: **41.0 ft bgs**
Project No.: **21562850.06000**
Project Name: **Air Sparge Pilot Test**
Drilling Contractor: **Roberts Environmental Co.**
Drilling method: **Direct Push** Rig Type: **Geoprobe 8040 DT**
Drilled by: **Shawn Seymour**
Logged by: **M. Corbett**

URS

Water Depth: 38.5 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS P:\RESOURCESIG N DA AIG N \PROJEC S\21562850 06000 (VMP-56 A R SPARGE 2013) GPJ P:\RESOURCESIG N DA AIG N \ENV RONMEN AL\URS LEV GLB 9/23/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-56

Start Date: Not Installed
Completion Date: 8/23/13
Casing Elevation: Not Installed
Ground Elevation: 442.37

Coord nates
North ng:793321.40
East ng:2322195.00

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		60	56	10.76 2.5 10.54				Loose, moist, brown, fine SAND (SP)	
							SP	Dense, moist, gray, fine SAND (SP)	
30		60	52	1.7 10.48 0.2 9.58			SP	Medium dense, moist, gray, fine SAND (SP)	Sample 30.5 33' @ 1410
35		60	58	4.1 10.83 529 31.41			CL SM CL ML	Medium stiff, moist, gray, silty CLAY (CL) Dense, moist, gray, silty SAND (SM) Medium stiff, moist, gray, silty CLAY (CL), some sand Medium stiff, moist, gray, SILT (ML), some sand	Some black staining at 36' Sample Geotech 37 38' Sample 38 38.5'@1455 with DP
40		36	36	749 31.41			ML SP	Medium stiff, wet, gray, SILT (ML) Some clay Medium dense, wet, gray, fine SAND (SP)	Lab Results 37 38': Water Content: 31.0% USCS Symbol: CL ML Sieve Minus No. 200: 93.8% Hydrometer % Minus µm: 4%
45								Bottom of boring at 41' bgs	

Completion Depth: **41.0 ft bgs**
Project No.: **21562850.06000**
Project Name: **Air Sparge Pilot Test**
Drilling Contractor: **Roberts Environmental Co.**
Drilling method: **Direct Push** Rig Type: **Geoprobe 8040 DT**
Drilled by: **Shawn Seymour**
Logged by: **M. Corbett**

URS

Water Depth: 38.5 ft., After ATD hrs.
Water Depth: ____ ft., After ____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 3 WELLS P:\RESOURCES\G N DA AIG N \PROJEC S\21562850 06000 (VMP-56 A R SPARGE 2013) GPJ P:\RESOURCES\G N DA AIG N \ENV RONMEN AL\URS LEV GLB 9/23/14

URS (ENV RON) LOG + 1 WELL P:\RESOURCES\G N_DA AIG N \PROJEC S\21563720 04002 ROXANA SVE SYS EM - VMP RE NS ALL OC OBER 2015 GPJ P:\RESOURCES\G N_DA AIG N \ENV RONMEN AL\AECOM S L (ENV RONMEN AL) GLB 1/12/16

LOG OF BORING AND WELL CONSTRUCTION DETAIL

VMP-56

Start Date: 10/15/15
Completion Date: 10/15/15
Casing Elevation: N/A
Ground Elevation: 442.13

Coord nates
Northing: 793321.3
Easting: 2322189.7

Depth In feet	We Construct on	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
				1.5			FILL	Grass cover Medium stiff, moist to dry, dark brown, silty CLAY (FILL), trace organics Trace fine grained sand	Boring advanced to a depth of 11' bgs via air knife to clear utilities. Soil samples collected utilizing hand auger.
				1.5			SM	Medium dense, moist, fine grained, silty SAND (SM)	
5				1.5				Medium dense, moist, fine grained, poorly graded SAND (SP), trace silt	
				1.6			SP	Becomes moist to dry, tan	
10				2.1					Sampled VMP 56 101515(10') for VOCs, SVOCs, PAHs, and TPH GRO at 0925
								Bottom of Boring at 11' bgs	6" long port screens installed at 10' bgs in air knife hole.
15									
20									

Boring Depth: **11.0 ft bgs**
Project No.: **21563720.18000**
Project Name: **Roxana Vapor Monitoring Point Replacement**
Drilling Contractor: **Roberts Environmental Drilling, Inc.**
Drilling method: **Air Knife / Hand Auger** Rig Type: **Vacmaster 4000**
Drilled by: **E. Wetzel**
Logged by: **M. Miller**

Water Depth: NE ft., After ATD hrs.
Water Depth: _____ ft., After _____ hrs.

▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife
Hand Auger
Sonic

USC based on field visual observations

AECOM

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-57

Start Date: 8/20/13
Completion Date: 8/20/13
Casing Elevation: Not Installed
Ground Elevation: 442.36

Coord nates
North ng:794230.71
East ng:2322267.83

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCRIPTION	NOTES
							FILL	Asphalt surface and gravel (FILL)	
				2.1			ML-CL	Dry, loose, black, very fine Clayey SILT to SILTY CLAY (CL) Becoming brown	
							ML	Loose, moist, brown, fine clayey, Sandy SILT (ML), with gray mottling	
5				0.7			SM	Loose, moist, brown, fine grained, Silty SAND (SM)	
				0.1					
				0.3				With clay	
10		36	24	1.4			SP	Loose, moist, gray, fine to medium grained SAND (SP)	
				2.9					
15		60	60				ML-CL	Stiff, moist, gray, very fine Clayey SILT to Silty CLAY (ML CL)	
				4.0			SP	Loose, moist, gray, fine to medium grained SAND (SP)	
				0.6					
20		60	60						
				3.0				Becomes brown	
				2.9					

Completion Depth: **53.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Expansion Investigation**
Drilling Contractor: **Roberts Environmental Inc.**
Drilling method: **Geoprobe/Direct Push** Rig Type: **DT8040**
Drilled by: **S. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 4 WELLS Y:\G N \PROJEC S\21562850 18001 (ROXANA VMPS EX ENS ON 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/8/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-57

Start Date: 8/20/13
Completion Date: 8/20/13
Casing Elevation: Not Installed
Ground Elevation: 442.36

Coord nates
North ng:794230.71
East ng:2322267.83

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCRIPTION	NOTES
		60	60				SP	Loose, moist, brown, medium SAND (SP)	
				16.8			SM	Medium stiff, moist, fine grained Silty SAND (SM)	
		60	60	0.9			SP	Loose, wet, gray, medium grained SAND (SP)	
30								Becomes brown	
				8.0			CL	Stiff, wet, gray, low plastic CLAY (CL)	
								Loose, wet, gray, medium SAND (SP)	
		60	60	6.5					
35				3.7					
		60	60	18.4			SP		
40				8.4					
		60	60	4.8					
45							ML	Stiff, wet, gray, very fine, Clayey SILT (ML)	
				35.9				Stiff, wet, gray, low plastic, Silty CLAY (CL)	
							CL	Becomes very wet, soft	
				77.6					

Completion Depth: **53.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Expansion Investigation**
Drilling Contractor: **Roberts Environmental Inc.**
Drilling method: **Geoprobe/Direct Push** Rig Type: **DT8040**
Drilled by: **S. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 4 WELLS Y:\G N \PROJEC S\21562850 18001 (ROXANA VMPS EX ENS ON 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/8/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-57

Start Date: 8/20/13
Completion Date: 8/20/13
Casing Elevation: Not Installed
Ground Elevation: 442.36

Coord nates
North ng:794230.71
East ng:2322267.83

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCRIPTION	NOTES
		60	60	1.0			SP	Loose, wet, gray, medium to coarse grained SAND (SP)	
55								Bottom of boring at 53' bgs	
60									
65									
70									

Completion Depth: **53.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Expansion Investigation**
Drilling Contractor: **Roberts Environmental Inc.**
Drilling method: **Geoprobe/Direct Push** Rig Type: **DT8040**
Drilled by: **S. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 4 WELLS Y:\G N \PROJEC S\21562850 18001 (ROXANA VMPS EX ENS ON 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/8/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-58

Start Date: 8/21/13
Completion Date: 8/21/13
Casing Elevation: Not Installed
Ground Elevation: 443.96

Coord nates
North ng:794129.40
East ng:2322267.92

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCRIPTION	NOTES
							FILL	Asphalt surface and gravel (FILL)	
				3.9			ML	Loose, dry, black, very fine SILT (ML)	
5				9.1					
				4.4			SP	Loose, dry, gray, fine grained SAND (SP)	
				5.8					
10		36	18	8.6					
				20.4					
15		60	60					Becomes light brown, fine to medium grained	
				10.9					
				10					
20		60	60						
				20.9			SM	Loose to medium stiff, dry, fine grained Silty SAND (SM)	
				25.6					

Completion Depth: **48.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Expansion Investigation**
Drilling Contractor: **Roberts Environmental Inc.**
Drilling method: **Geoprobe/Direct Push** Rig Type: **DT8040**
Drilled by: **S. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 4 WELLS Y IG N \PROJEC S\21562850 18001 (ROXANA VMPS EX ENS ON 2013).GPJ Y IG N \ENV RONMEN AL\URSS LEV GLB 1/8/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-58

Start Date: 8/21/13
Completion Date: 8/21/13
Casing Elevation: Not Installed
Ground Elevation: 443.96

Coord nates
North ng:794129.40
East ng:2322267.92

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCRIPTION	NOTES
		60	60	44.4			SM	Loose to medium stiff, dry, fine Silty SAND (SM)	
30		60	60	21.4			SP	Loose, dry, fine to medium grained SAND (SP), with gray mottling	
				33			ML-CL	Stiff, dry, gray, very fine, Clayey SILT to Silty CLAY (ML CL)	
								Loose, dry, brown, medium grained SAND (SP)	
35		60	60	26.9					
				32.6				Becomes moist	
40		60	60	45.2			SP		
				109				Becomes moist to wet, brownish gray	
45		60	60	50.4					
				78			ML	Stiff, wet, gray, very fine SILT (ML)	
								Bottom of boring at 48' bgs	

Completion Depth: **48.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Expansion Investigation**
Drilling Contractor: **Roberts Environmental Inc.**
Drilling method: **Geoprobe/Direct Push** Rig Type: **DT8040**
Drilled by: **S. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 4 WELLS Y:\G N \PROJEC S\21562850 18001 (ROXANA VMPS EX ENS ON 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/8/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-59

Start Date: 8/27/13
Completion Date: 8/27/13
Casing Elevation: Not Installed
Ground Elevation: 444.60

Coord nates
North ng:794030.57
East ng:2322271.39

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCRIPTION	NOTES
							FILL	Asphalt surface and gravel (FILL)	
				26			ML	Loose, moist, gray, very fine SILT (ML)	
5				1.6					
				11.1			SW	Loose, moist, light gray, fine SAND and SILT (SW)	
				7.2				Grades to fine sand	
10		36	30	5.4			SP	Loose, dry, light brown, fine to medium grained SAND (SP)	
		60	60	30.3					
15				21.4			ML	Loose, dry, gray, very fine SILT (ML)	
		60	60	28.8				Loose, dry, brown, medium grained SAND (SP)	
20								Becomes fine grained	
				24.7				Becomes fine to medium grained	
				39.9					

Completion Depth: **48.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Expansion Investigation**
Drilling Contractor: **Roberts Environmental Inc.**
Drilling method: **Geoprobe/Direct Push** Rig Type: **DT8040**
Drilled by: **S. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
Water level at time of drilling
Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 4 WELLS Y:\G N \PROJEC S\21562850 18001 (ROXANA VMPS EX ENS ON 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/8/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-59

Start Date: 8/27/13
Completion Date: 8/27/13
Casing Elevation: Not Installed
Ground Elevation: 444.60

Coord nates
North ng:794030.57
East ng:2322271.39

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCRIPTION	NOTES
		60	60	23.9				Becomes wet	
30		60	60	35 29.3			SP	Becomes moist, brownish gray, medium to coarse grained Becomes brown	
35		60	60	17 45.3					
40		60	60	49.9 63.7				Becomes gray	
45		60	60	91.4 128.6				Becomes wet, coarse grained	
								Bottom of boring at 48' bgs	

Completion Depth: **48.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Expansion Investigation**
Drilling Contractor: **Roberts Environmental Inc.**
Drilling method: **Geoprobe/Direct Push** Rig Type: **DT8040**
Drilled by: **S. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 4 WELLS Y:\G N \PROJEC S\21562850 18001 (ROXANA VMPS EX ENS ON 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/8/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-60

Start Date: 8/22/13
Completion Date: 8/22/13
Casing Elevation: Not Installed
Ground Elevation: 444.25

Coord nates
North ng:793930.13
East ng:2322275.90

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCRIPTION	NOTES
							FILL	Asphalt surface and gravel (FILL)	
				0.8			ML	Loose, dry, brown, very fine Clayey SILT (ML), with trace organics	
5				1.4			CL	Medium stiff, dry, low plastic Silty CLAY (CL), grading to very fine silt	
				1.8			ML	Loose, dry, very fine, Clayey SILT (ML)	
				2.3			SM	Loose, dry, gray, fine grained, Silty SAND (SM)	
10		36	24	3.7					
				5.1					
15		60	43						
				10.1			ML	Stiff, wet, gray, very fine SILT (ML)	
				6.4			SP	Stiff, wet, gray, fine to medium grained SAND (SP)	
20		60	60					Becomes coarse grained	
				25.8			ML	Stiff, wet, gray brown, very fine SILT (ML)	
				35.4			SM	Medium stiff, wet, gray, fine grained, Silty SAND (SM)	

Completion Depth: **48.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Expansion Investigation**
Drilling Contractor: **Roberts Environmental Inc.**
Drilling method: **Geoprobe/Direct Push** Rig Type: **DT8040**
Drilled by: **S. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 4 WELLS Y:\G N \PROJEC S\21562850 18001 (ROXANA VMPS EX ENS ON 2013).GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 1/8/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-60

Start Date: 8/22/13
Completion Date: 8/22/13
Casing Elevation: Not Installed
Ground Elevation: 444.25

Coord nates
North ng:793930.13
East ng:2322275.90

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCRIPTION	NOTES
		60	60				SM	Medium stiff, wet, gray, fine grained, Silty SAND (SM)	
				38.4			SP	Medium stiff, wet, gray, medium grained SAND (SP)	
30		60	60	38.3			SP	Becomes fine grained	
				40.7			ML	Medium stiff, wet, gray, Clayey SILT (ML)	
							SP	Loose, dry, gray, medium coarse grained SAND (SP)	
35		60	60	33.5			SP		
				63.9			ML	Medium stiff, wet, gray, Clayey SILT (ML)	
							SP	Loose, dry, gray, medium coarse SAND (SP)	
							ML	Medium stiff, wet, gray, Clayey SILT (ML)	
							SP	Loose, dry, gray, medium coarse grained SAND (SP)	
40		60	60	89			SP		
				99.1			ML	Soft, wet, gray, very fine, Clayey SILT (ML)	
							SP	Loose, wet, gray, coarse grained SAND (SP)	
45		60	60	64.1			SP		
				66.2				Bottom of boring at 48' bgs	

Completion Depth: **48.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Expansion Investigation**
Drilling Contractor: **Roberts Environmental Inc.**
Drilling method: **Geoprobe/Direct Push** Rig Type: **DT8040**
Drilled by: **S. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
Water level at time of drilling
Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 4 WELLS Y IG N \PROJEC S\21562850 18001 (ROXANA VMPS EX ENS ON 2013).GPJ Y IG N \ENV RONMEN AL\URSS LEV GLB 1/8/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-61

Start Date: 8/26/13
Completion Date: 8/26/13
Casing Elevation: Not Installed
Ground Elevation: 442.36

Coord nates
North ng:794332.02
East ng:2322267.74

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCRIPTION	NOTES
							FILL	Asphalt surface and gravel (FILL)	
				0.7			ML	Loose, moist, black, very fine SILT (ML)	
5				6.8			ML	Becomes clayey	
				1.4			CL	Loose, moist, brown, low plastic, Silty CLAY CL)	
				0.5			ML	Loose, moist, brown, very fine, Clayey SILT (ML)	
10		36	24	1.2			ML	Becomes dark brown, with clay	
				0.8			SM	Loose, moist, light brown, fine grained, Silty SAND (SM)	
15		60	60				SP	Loose, dry, light brown, medium grained SAND (SP)	
				0.8			ML	Loose, wet, brown, very fine, SILT (ML)	
				0.9			SP	Loose, moist to wet, brown, medium grained SAND (SP)	
20		60	60	1.2					
				0.9					

Completion Depth: **48.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Expansion Investigation**
Drilling Contractor: **Roberts Environmental Inc.**
Drilling method: **Geoprobe/Direct Push** Rig Type: **DT8040**
Drilled by: **S. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG + 4 WELLS Y \G N \PROJEC S\21562850 18001 (ROXANA VMPS 2013).GPJ Y \G N \ENV RONMEN AL\URSS LEV GLB 1/7/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-61

Start Date: 8/26/13
Completion Date: 8/26/13
Casing Elevation: Not Installed
Ground Elevation: 442.36

Coord nates
North ng:794332.02
East ng:2322267.74

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	PID/FID (ppm)	Graph c	Samp er Symbo	USCS	DESCRIPTION	NOTES
		60	60	1.2			SP	Same: Loose, moist to wet, brown, medium SAND (SP)	
30		60	60	0.6			SP	Becomes saturated	
				1.7			CL	Soft, wet, gray, low plastic CLAY (CL)	
35		60	60	2.1			ML	Loose, wet, gray, very fine SILT (ML)	
				1.4			CL	Soft, saturated, gray, low plastic, Silty CLAY (CL)	
40		60	60	1.7			CL		
				2.1			ML	Loose, saturated, gray, very fine, Clayey SILT (ML)	
				6.1			SP	Loose, saturated, medium grained SAND (SP)	
45		60	60				ML	Loose, saturated, gray, very fine, SILT (ML)	
				4.6			CL	Soft, saturated, gray, low plastic, SIlty CLAY	
							ML	Loose, saturated, gray, very fine, SILT (ML)	
								Bottom of boring at 48' bgs	

Completion Depth: **48.0 ft bgs**
Project No.: **21562850.18001**
Project Name: **SVE Expansion Investigation**
Drilling Contractor: **Roberts Environmental Inc.**
Drilling method: **Geoprobe/Direct Push** Rig Type: **DT8040**
Drilled by: **S. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected

Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic

USC based on field visual observations

URS (ENV RON) LOG + 4 WELLS Y IG N \PROJEC S\21562850 18001 (ROXANA VMPS 2013).GPJ Y IG N \ENV RONMEN AL\URSS LEV GLB 1/7/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-62

Start Date: 12/16/13
Completion Date: 12/18/13
Casing Elevation: Not Installed
Ground Elevation: 446.20

Coord nates
North ng:794058.15
East ng:2322110.26

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	B ow Counts	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
					0.8			FILL	Asphalt surface and gravel (FILL)	
					0.0				Loose, dry, very fine Clayey, Sandy SILT (ML)	
5					0.0			ML		Note: 5' and 10' screens were installed in seperate borehole.
					0.6				With tan, loose dry fine sand	
					0.3				Loose, dry, tan, fine, medium grained SAND (SP)	
10		24	15	1 1 1 1	0.3					
		24	22	1 3 3 4	0.4			SP	Becomes light brown	
		24	18	2 3 3 4	0.3				Becomes slightly moist	
15		24	22	3 4 6 6	0.4			ML	Medium stiff, moist, brown, very fine Clayey SILT (ML)	
		24	20	4 5 5 7	0.2				Loose, dry, brown, fine, medium grained SAND (SP)	
20		24	21	4 6 6 5	0.3			SP	Slightly moist Becomes grayish brown	
		24	20	5 5 4 5	0.3				Grades to fine to medium grained sand	
				3					Becomes light brown, coarse grained	

Completion Depth: **52.0 ft bgs**
Project No.: **21562973.15000**
Project Name: **Additional Charaterization**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **DT8040**
Drilled by: **P. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG W/BLOWCOUN S+4 WELLS Y:\G N \PROJEC S\21562973 15000 (VMPS 62-64) ROXANA EXPANS ON GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 2/3/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-62

Start Date: 12/16/13
Completion Date: 12/18/13
Casing Elevation: Not Installed
Ground Elevation: 446.20

Coord nates
North ng:794058.15
East ng:2322110.26

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	B ow Counts	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		24	21	4 4 5	0.3			SP		
		24	22	2 2 4 5	0.2			CL	Medium stiff, moist, gray, low plastic, Silty CLAY (CL)	
		24	21	4 6 6 7	0.5			SP	Loose, moist, brown, coarse grained SAND (SP)	
								CL	Soft, moist, gray, low plastic, Silty CLAY (CL)	
30		24	20	3 3 5 7	0.1				Loose, moist, brown, medium grained SAND (SP)	
		24	20	3 4 4 4	0.5					
35		24	21	4 4 6 5	2.6					
		24	21	3 4 6 8	3.1					
		24	21	3 5 7 9	1.3			SP		
40		24	21	4 4 7 9	1.2					
		24	18	2 4 5 7	1.8					
45		24	20	1 4 5 7	4.5				Becomes wet, gray, coarse grained	
		24	23	4 6 6 7	7.1					
		24	24	2 4 7 8	5.4					

Completion Depth: **52.0 ft bgs**
Project No.: **21562973.15000**
Project Name: **Additional Charaterization**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **DT8040**
Drilled by: **P. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG W/BLOWCOUN S+4 WELLS Y \G N \PROJEC S\21562973 15000 (VMPS 62-64) ROXANA EXPANS ON GPJ Y \G N \ENV RONMEN AL\URSS LEV GLB 2/3/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-62

Start Date: 12/16/13
Completion Date: 12/18/13
Casing Elevation: Not Installed
Ground Elevation: 446.20

Coord nates
North ng:794058.15
East ng:2322110.26

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	B ow Counts	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		24	24	2 5 8	0.6			SP		
									Bottom of boring at 52' bgs	
55										
60										
65										
70										

Completion Depth: **52.0 ft bgs**
Project No.: **21562973.15000**
Project Name: **Additional Charaterization**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **DT8040**
Drilled by: **P. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG W/BLOWCOUN S+4 WELLS Y:\G N \PROJEC S\21562973 15000 (VMPS 62-64) ROXANA EXPANS ON GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 2/3/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-63

Start Date: 12/13/13
Completion Date: 12/14/13
Casing Elevation: Not Installed
Ground Elevation: 443.37

Coord nates
North ng:794200.28
East ng:2322199.61

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	B ow Counts	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
					0.3			FILL	Asphalt surface and gravel (FILL)	
					0.5				Loose, moist, brown, fine grained SAND (SP)	
5					1.0					
					1.4				Becomes light brown to tan	
					1.0			SP	Becomes dry, tan	
10		24	12	0 1 2 3	0.7				Becomes brown, trace angular gravel	
		24	22	2 3 3 5	2.0					
								CL	Soft, moist, gray, low plastic, Silty CLAY (CL)	
15		24	22	3 4 5 5	1.7				Loose, dry, tan, fine grained SAND (SP)	
		24	20	3 4 5 4	0.5					
		24	18	2 4 5 6	0.5			SP		
20		24	21	2 3 4 6	1.2				Grades to fine to medium grained	
		24	22	3 5 7 7	2.7					
				1						

Completion Depth: **50.0 ft bgs**
Project No.: **21562973.15000**
Project Name: **Additional Charaterization**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **DT8040**
Drilled by: **P. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

- ▽ Water level at time of drilling
- ▼ Water level after drilling
- ATD At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger Sampler
- Air Rotary
- Sonic

USC based on field visual observations

URS (ENV RON) LOG W/BLOWCOUN S+4 WELLS Y:\G N \PROJEC S\21562973 15000 (VMPS 62-64) ROXANA EXPANS ON GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 2/3/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-63

Start Date: 12/13/13
Completion Date: 12/14/13
Casing Elevation: Not Installed
Ground Elevation: 443.37

Coord nates
North ng:794200.28
East ng:2322199.61

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	B ow Counts	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		24	2	4 5 5	1.8				Becomes gray	
		24	22	3 6 6 6	1.3					
		24	20	2 4 5 5	0.8					
30		24	21	2 7 6 6	1.9					
		24	18	2 6 9 10	2.1				Becomes medium grained	
35		24	20	wh 9 11 10	2.3			SP		
		24	20	4 6 6 7	2.4					
		24	18	9 10 10 8	1.6				Becomes moist	
40									Becomes wet	
		24	20	5 6 10 10	1.2				Becomes gray	
		24	21	2 6 5 7	0.2				Becomes very wet, medium coarse grained	
45		24	22	3 5 5 9	0.0					
		24	24	1 1 1 3	0.0			CL	Soft, moist, gray, low plastic, Silty CLAY (CL)	
		24	18	2 2 3 4	0.0				Bottom of boring at 50' bgs	

Completion Depth: **50.0 ft bgs**
Project No.: **21562973.15000**
Project Name: **Additional Charaterization**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **DT8040**
Drilled by: **P. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.

- ▽ Water level at time of drilling
- ▼ Water level after drilling
- ATD At time of drilling
- Splitspoon Sampler
- Hollow Stem Auger
- Soil samples not collected
- Geoprobe
- Air Knife/Hand Auger Sampler
- Air Rotary
- Sonic

USC based on field visual observations

URS (ENV RON) LOG W/BLOWCOUN S+4 WELLS Y:\G N \PROJEC S\21562973 15000 (VMPS 62-64) ROXANA EXPANS ON GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 2/3/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-64

Start Date: 12/6/13
Completion Date: 12/11/13
Casing Elevation: Not Installed
Ground Elevation: 442.12

Coord nates
North ng:794358.35
East ng:2322204.83

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	B ow Counts	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
					0.4			FILL	Asphalt surface, loose, moist, brown, very fine clayey silt and gravel (FILL)	
					1.0				Loose, moist, brown, very fine SILT (ML)	
5					1.4					
					1.4			ML	Becomes clayey, with sand	
					1.5					
10		24	12	1 1 3 3	5.9				Grading without clay	
		24	18	2 3 4 4	3.2					
15		24	20	2 4 6 7	0.9			SP	Loose, dry, tan, fine grained SAND (SP)	
		24	20	5 4 10 12	0.7			ML	Stiff, dry, light brown, very fine, Clayey SILT (ML)	
		24	20	6 6 6 7	0.2				Loose, dry, tan, fine grained SAND (SP) Becomes moist	
20		24	21	5 5 5 6	0.1			SP		
		24	22	3 4 4 6	0.3				Grades to fine to medium grained	
				4					Becomes dry, brown	

Completion Depth: **46.0 ft bgs**
Project No.: **21562973.15000**
Project Name: **Additional Charaterization**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **DT8040**
Drilled by: **P. Seymore**
Logged by: **E. Arthur**

URS

Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG W/BLOWCOUN S+4 WELLS Y:\G N \PROJEC S\21562973 15000 (VMPS 62-64) ROXANA EXPANS ON GPJ Y:\G N \ENV RONMEN AL\URSS LEV GLB 2/3/14

LOG OF BORING AND WELL CONSTRUCTION DETAIL
VMP-64

Start Date: 12/6/13
Completion Date: 12/11/13
Casing Elevation: Not Installed
Ground Elevation: 442.12

Coord nates
North ng:794358.35
East ng:2322204.83

Depth In feet	Well Construction	Inches Dr ven	Inches Recovered	B ow Counts	PID/FID (ppm)	Samp er Graph c	Symbo	USCS	DESCRIPTION	NOTES
		24	21	5 5 4	0.4				Becomes wet, medium grained Becomes moist	
		24	21	3 5 6 7	0.4			SP		
		24	23	2 2 3 5	0.3			CL	Medium stiff, moist, gray, low plastic, CLAY (CL)	
30		24	20	1 2 3 3	0.3			ML	Loose, wet, gray, very fine SILT (ML)	
		24	21	1 2 5 2	0.0			SP	Loose, wet, medium grained SAND (SP)	
								CL	Medium stiff, moist, gray, low plastic, CLAY (CL)	
		24	20	2 2 2 2	0.1			ML	Loose, wet, gray, very fine SILT (ML)	
35								CL	Meduim stiff, moist, gray, low plastic Silty CLAY (CL)	
		24	20	wh 1 2 2	0.5			ML	Loose, wet, gray, very fine SILT (ML)	
		24	21	1 2 5 7	0.6					
40		24	16	3 6 4 8	0.7			SP	Loose, wet, gray, medium grained SAND (SP)	
		24	19	1 4 5 7	0.6					
		24	20	1 1 2 2	0.9			CL	Soft, moist, gray, low plastic, CLAY (CL)	
45									Bottom of boring at 46' bgs	

Completion Depth: **46.0 ft bgs**
Project No.: **21562973.15000**
Project Name: **Additional Charaterization**
Drilling Contractor: **Roberts Environmental Drilling Inc.**
Drilling method: **HSA** Rig Type: **DT8040**
Drilled by: **P. Seymore**
Logged by: **E. Arthur**

URS

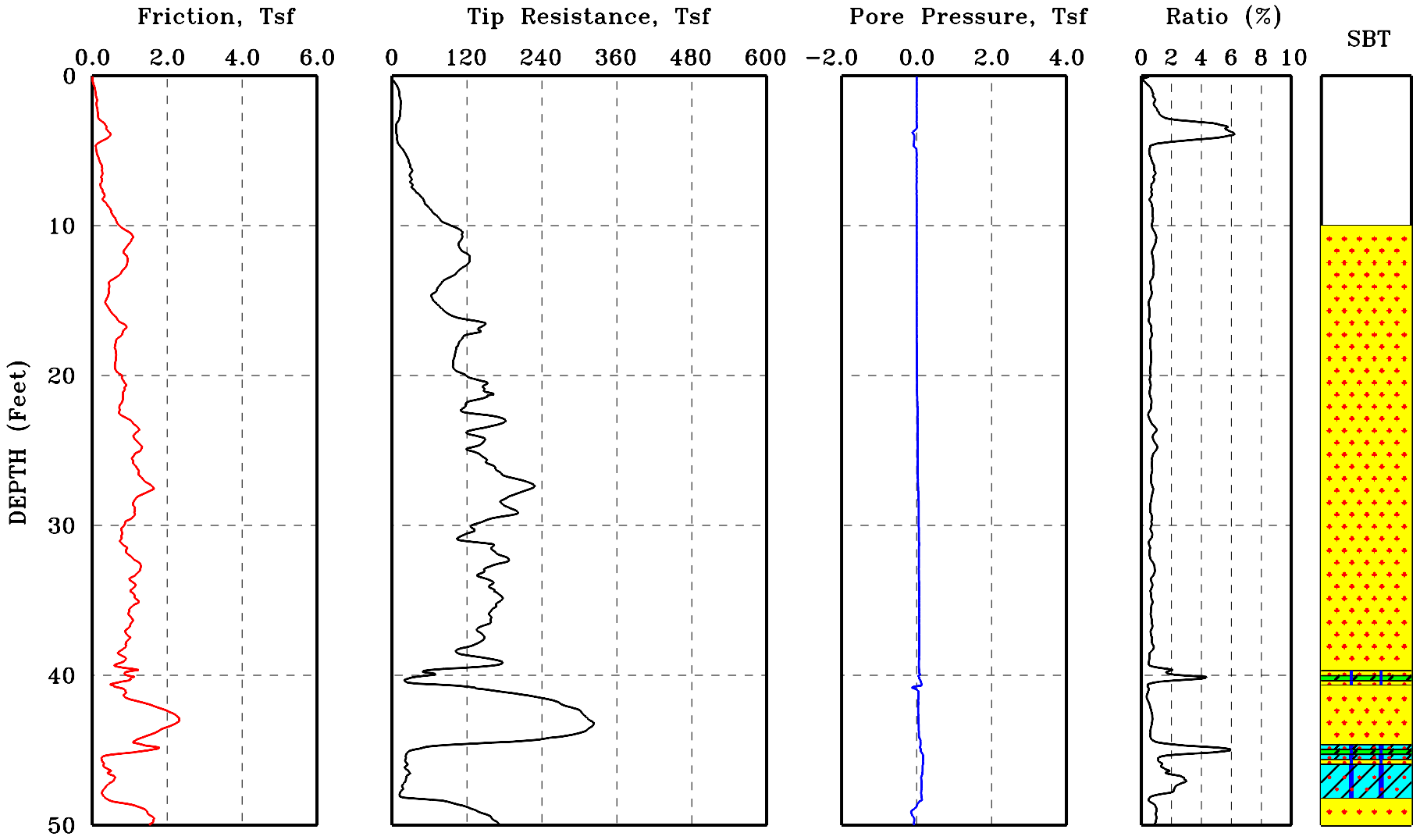
Water Depth: _____ ft., After _____ hrs.
Water Depth: _____ ft., After _____ hrs.
▽ Water level at time of drilling
▼ Water level after drilling
ATD At time of drilling
Splitspoon Sampler
Hollow Stem Auger
Soil samples not collected
Geoprobe
Air Knife/Hand Auger
Sampler
Air Rotary
Sonic
USC based on field visual observations

URS (ENV RON) LOG W/BLOWCOUN S+4 WELLS Y \IG N \PROJEC S\21562973 15000 (VMPS 62-64) ROXANA EXPANS ON GPJ Y \IG N \ENV RONMEN AL\URSS LEV GLB 2/3/14

Appendix 2-B. CPT Logs

FUGRO GEOSCIENCES,INC.

CPT No : P-60-11	SITE : HARTFORD
JOB No : 0305-1830	CLIENT : URS CORP
CONE No : F7.5CKEW966	OPERATOR : JB
	DATE : 03-28-2006



FUGRO GEOSCIENCES,INC.

CPT No : P-60-11	SITE : HARTFORD
JOB No : 0305-1830	CLIENT : URS CORP
CONE No : F7.5CKEW966	OPERATOR : JB
	DATE : 03-28-2006

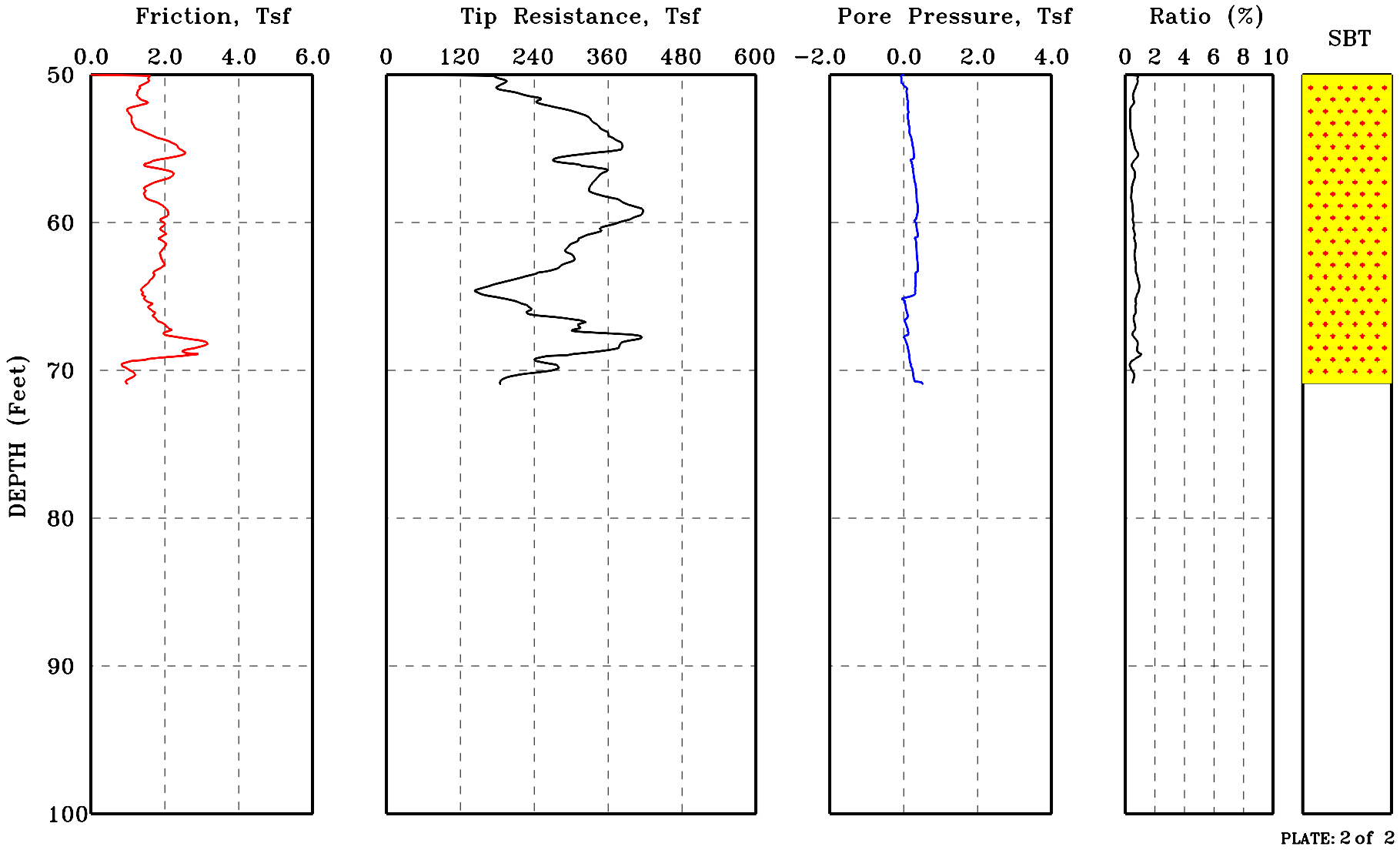
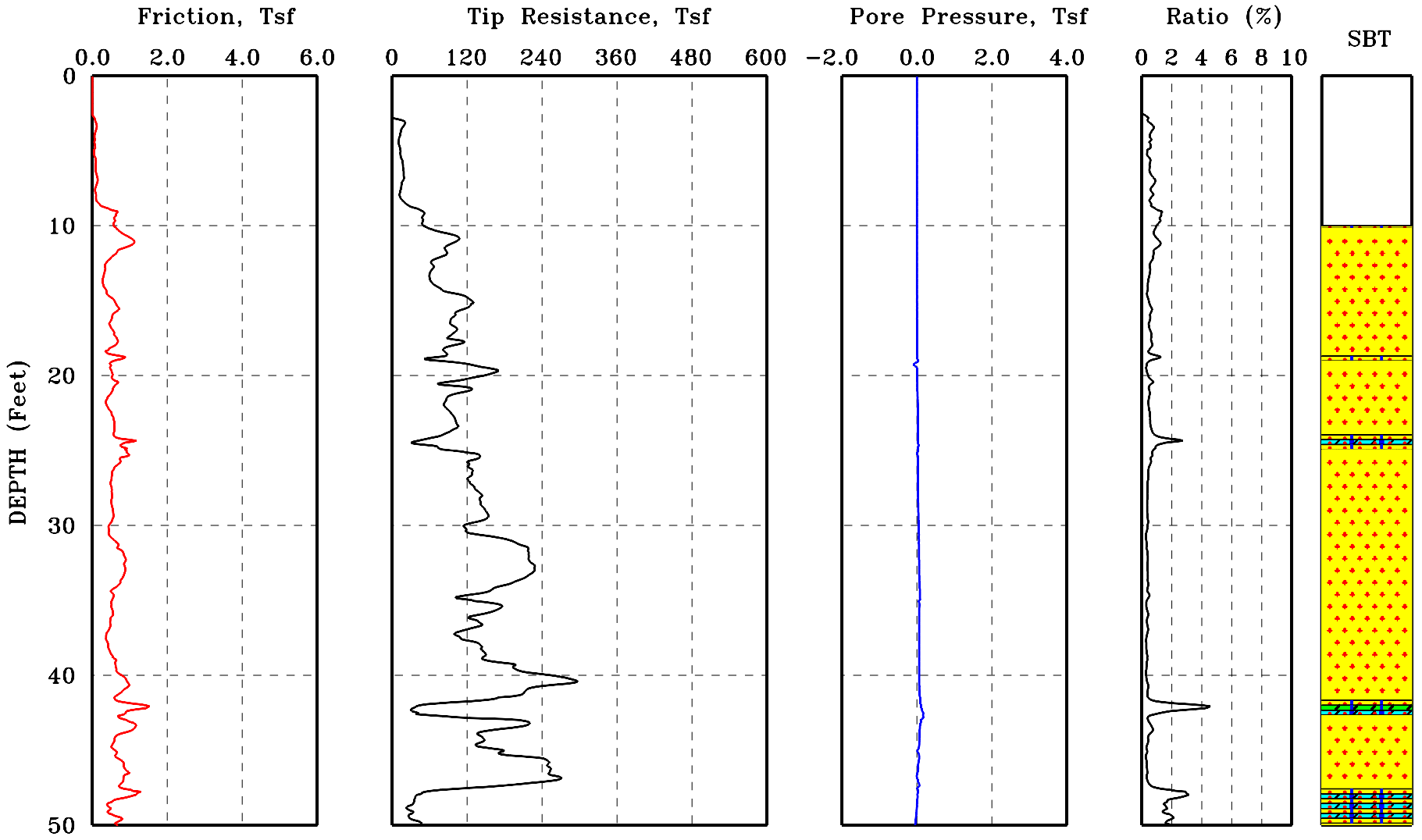


PLATE: 2 of 2

FUGRO GEOSCIENCES,INC.

CPT No : P-60-12	SITE : HARTFORD
JOB No : 0305-1830	CLIENT : URS CORP
CONE No : F7.5CKEW966	OPERATOR : JB
	DATE : 03-28-2006



FUGRO GEOSCIENCES,INC.

CPT No : P-60-12	SITE : HARTFORD
JOB No : 0305-1830	CLIENT : URS CORP
CONE No : F7.5CKEW966	OPERATOR : JB
	DATE : 03-28-2006

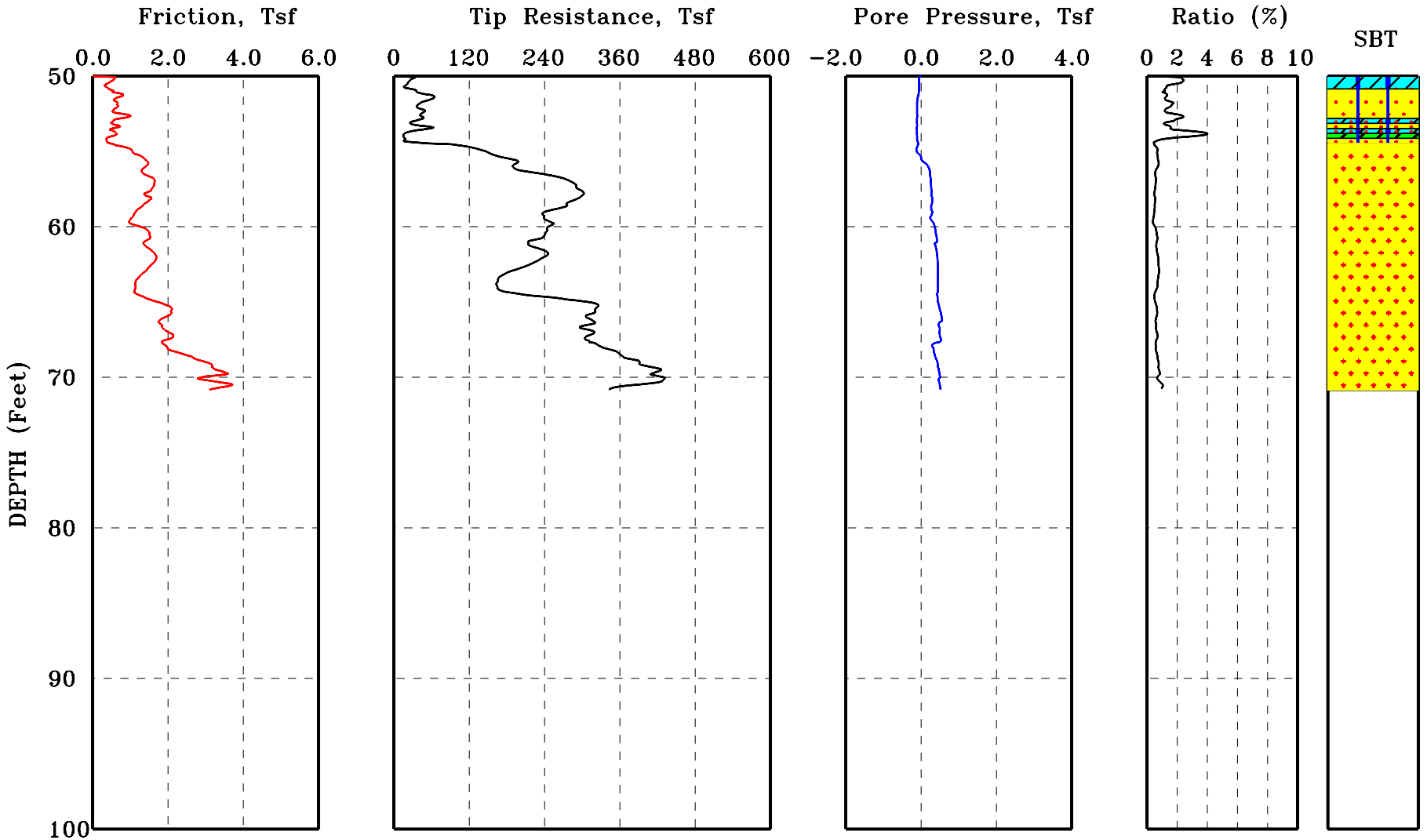


PLATE: 2 of 2

FUGRO GEOSCIENCES,INC.

CPT No : ROST-01	SITE : Roxana, IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 26-Aug-2009

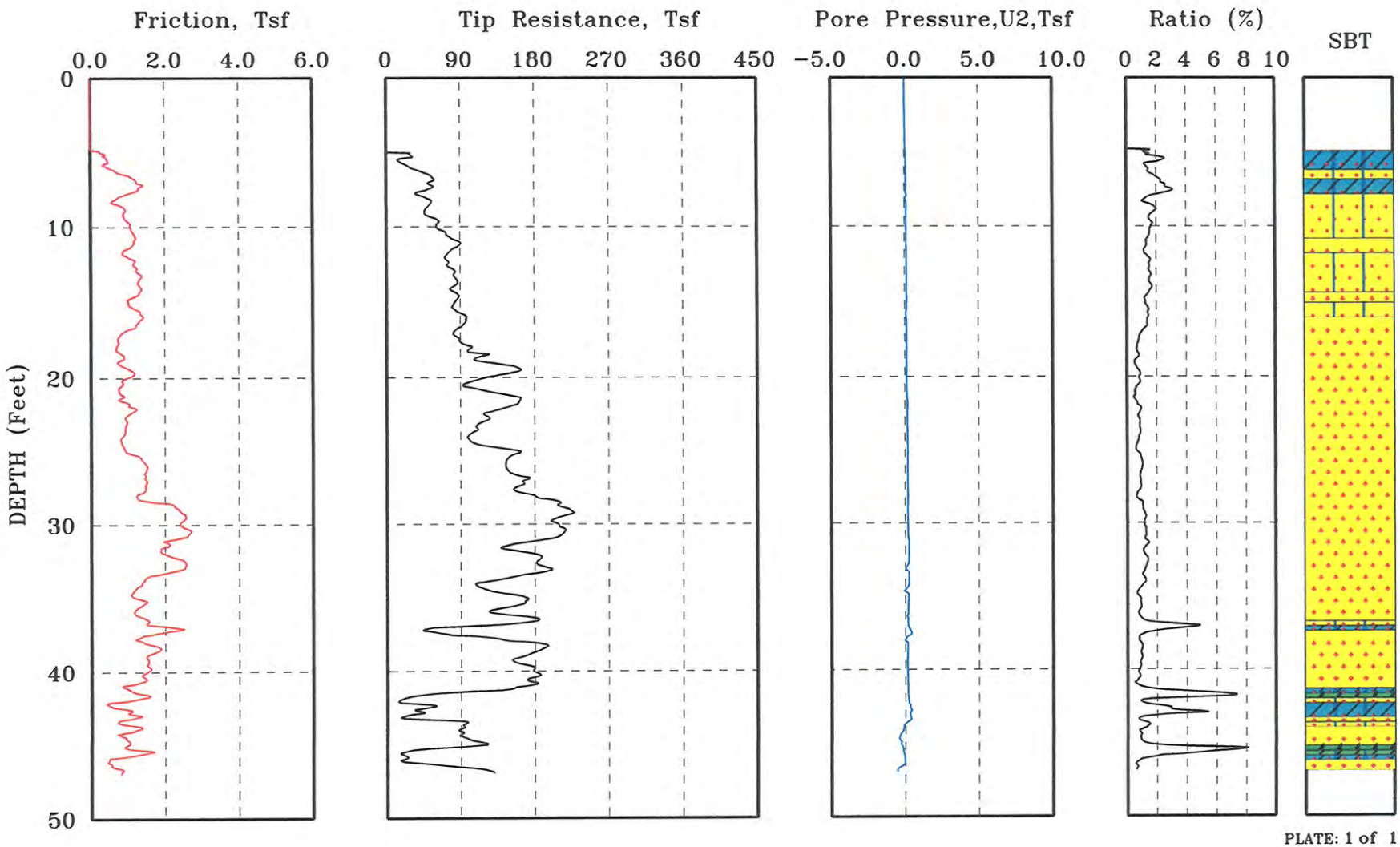


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-02	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 27-Aug-2009

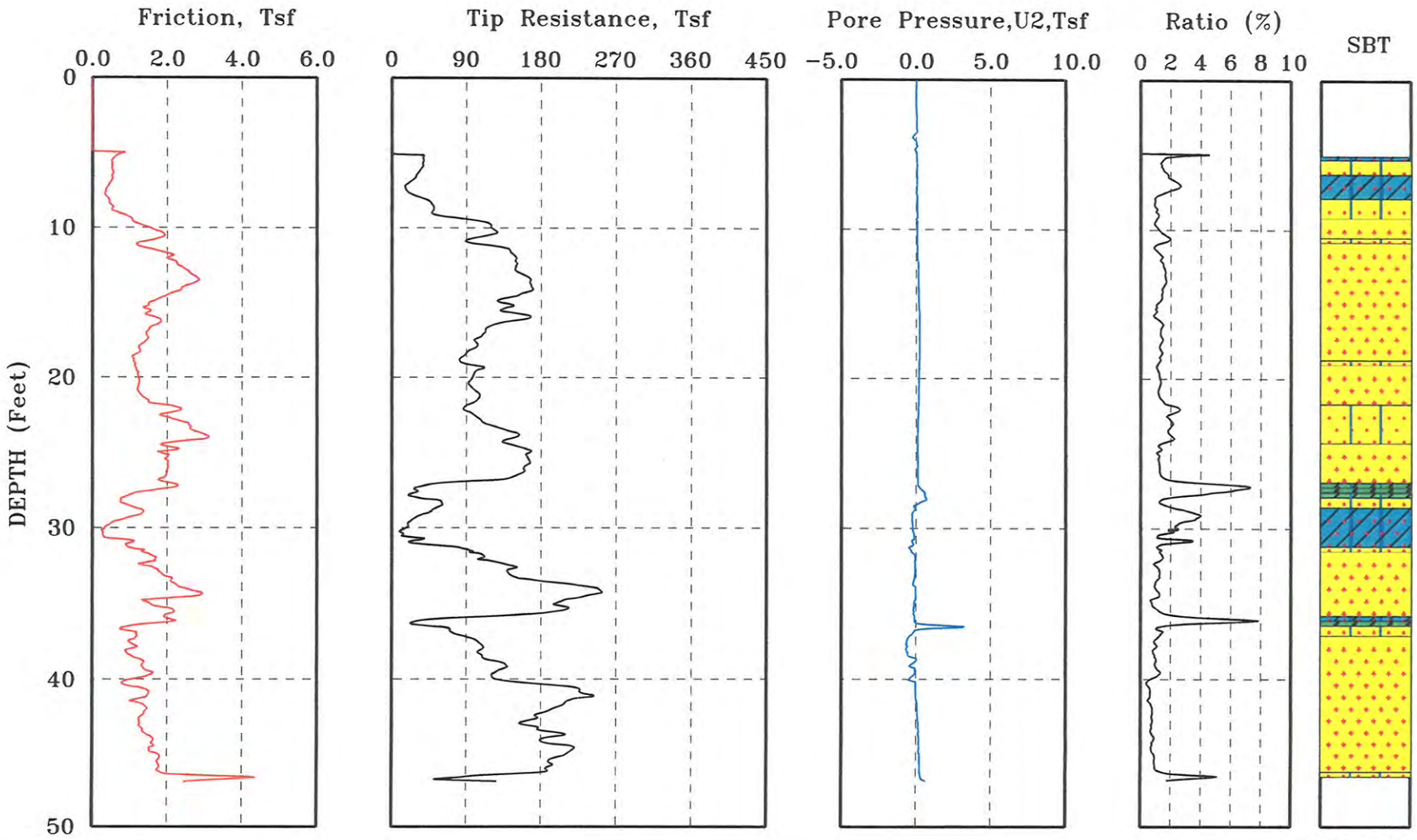


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-03	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 27-Aug-2009

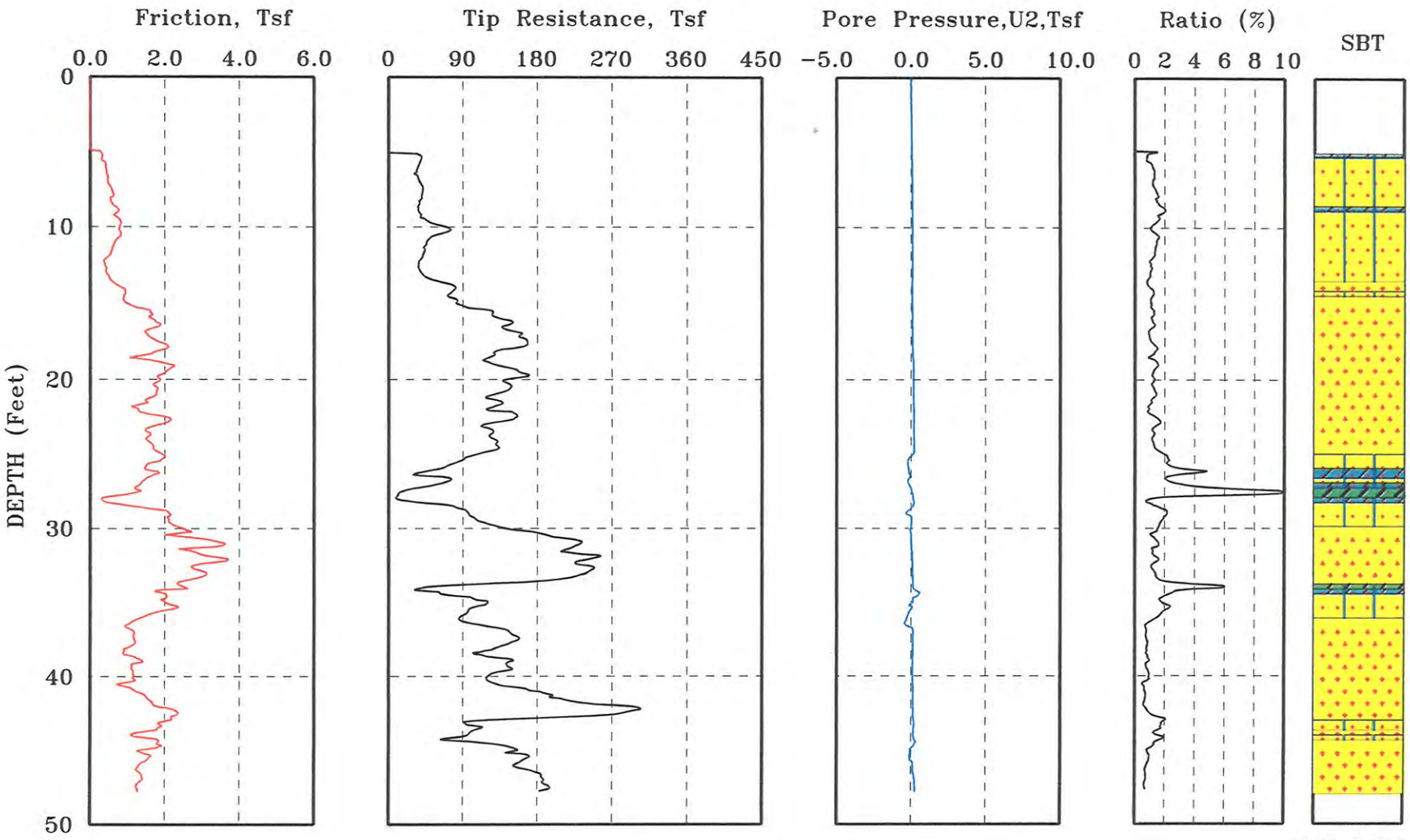


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-04	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 25-Aug-2009

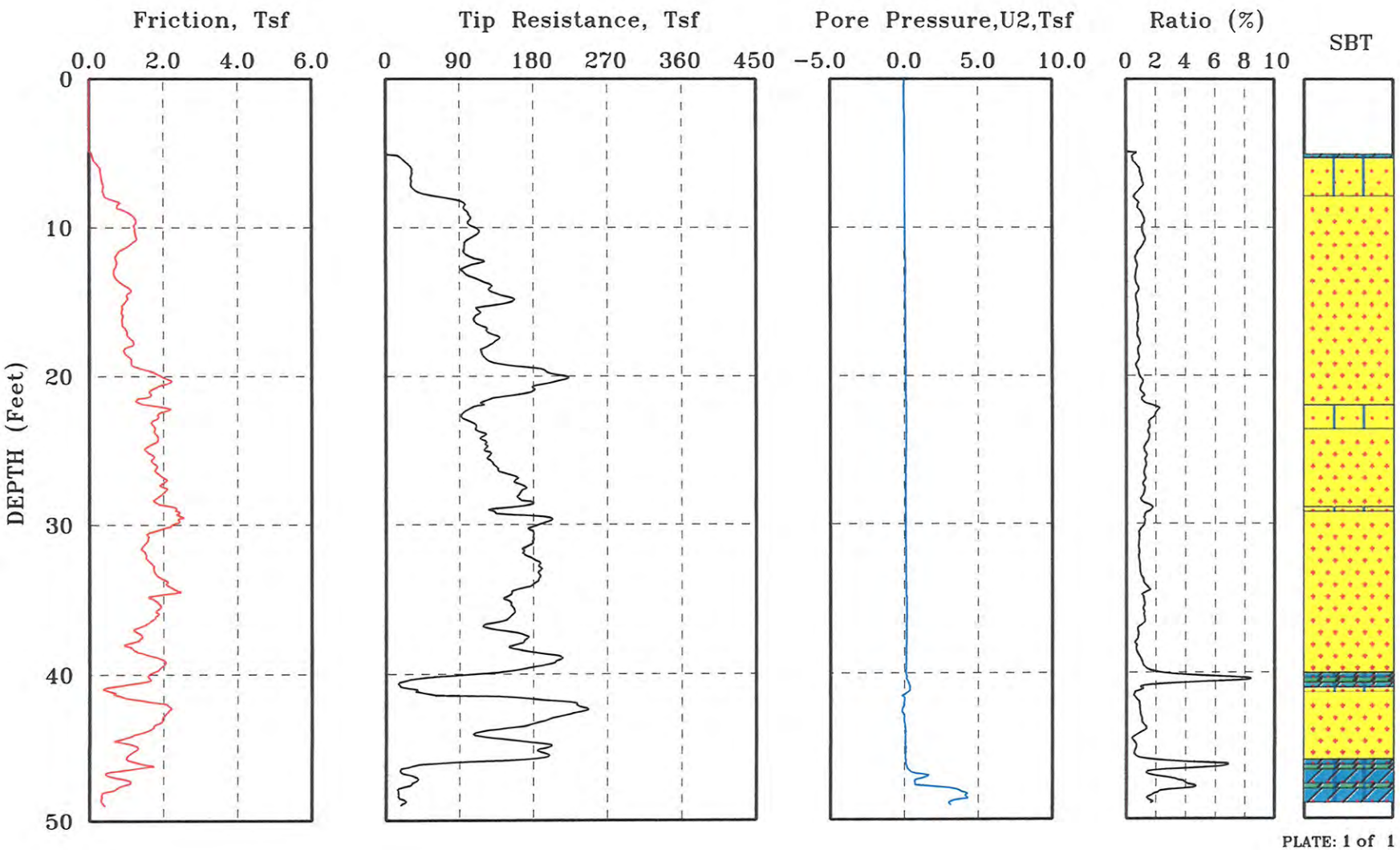


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-05	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 25-Aug-2009

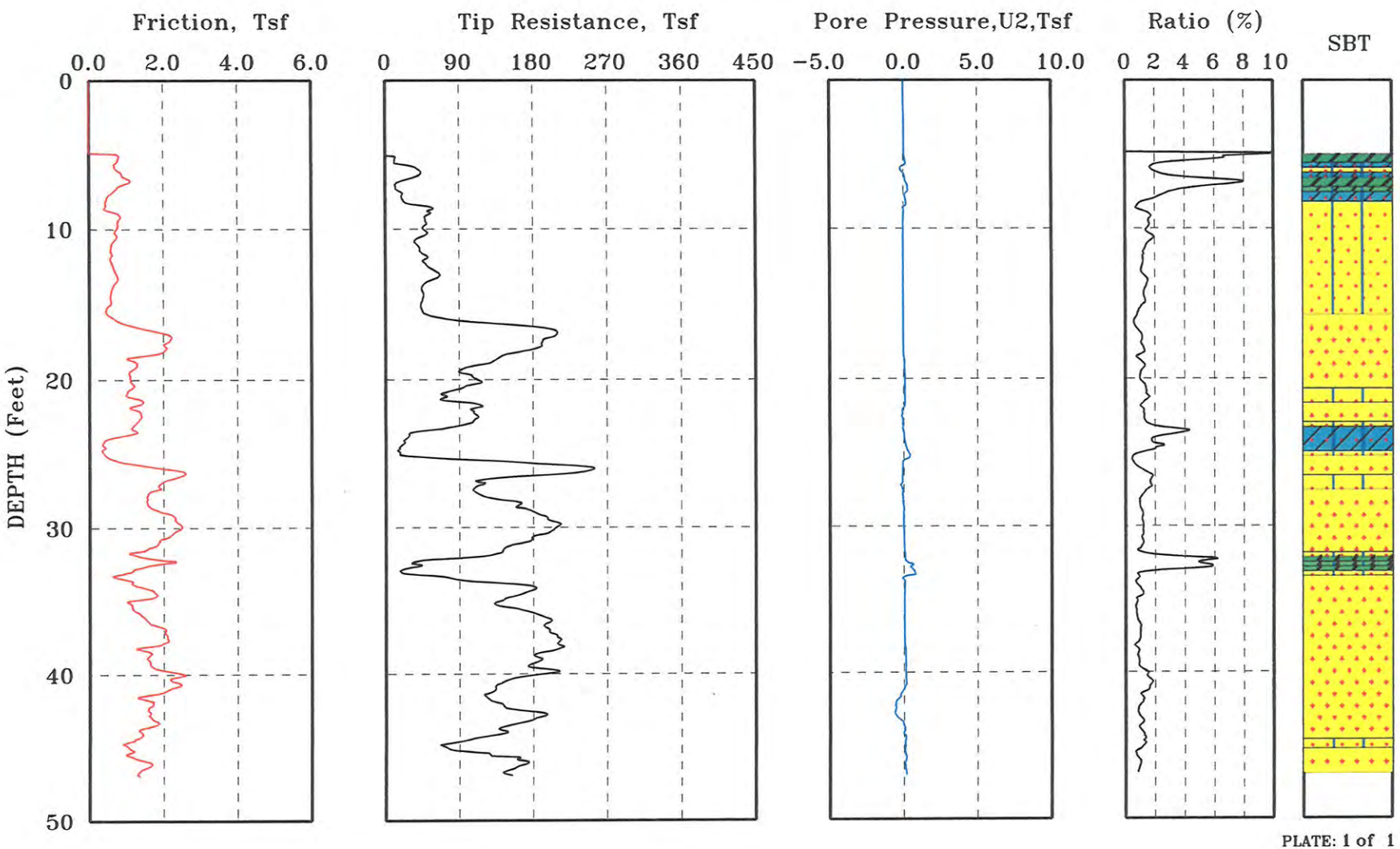


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-06	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 28-Aug-2009

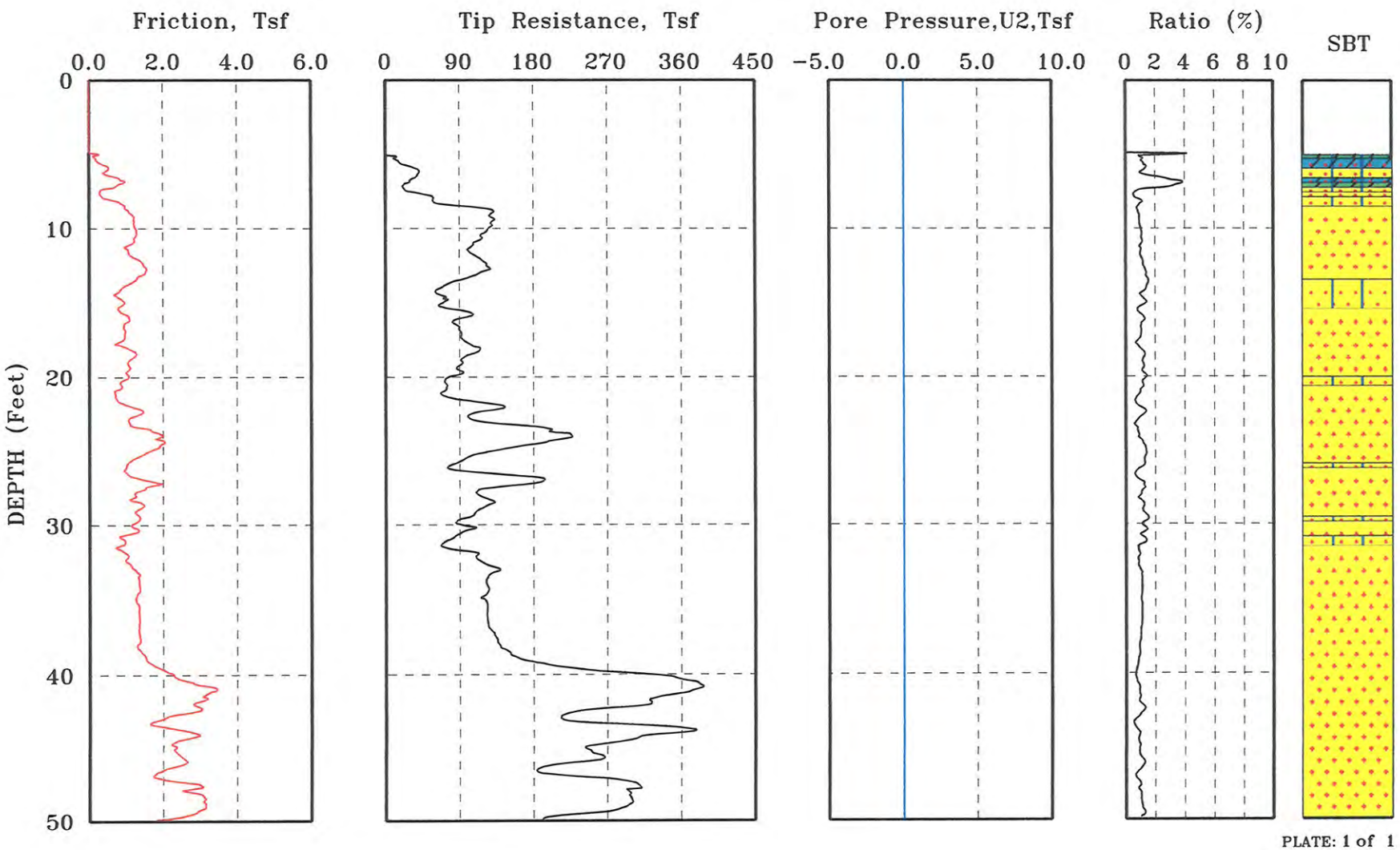


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-07	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 28-Aug-2009

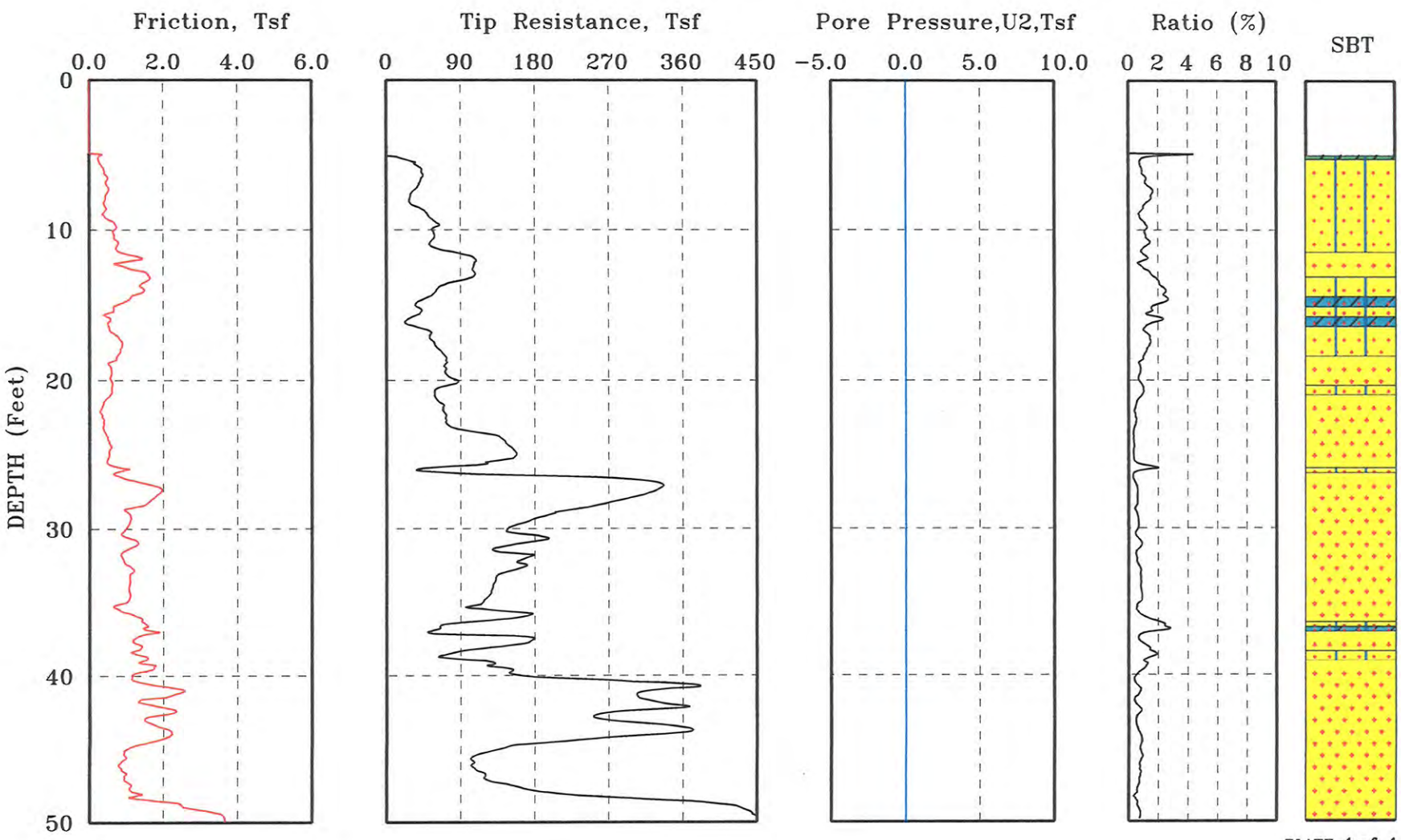
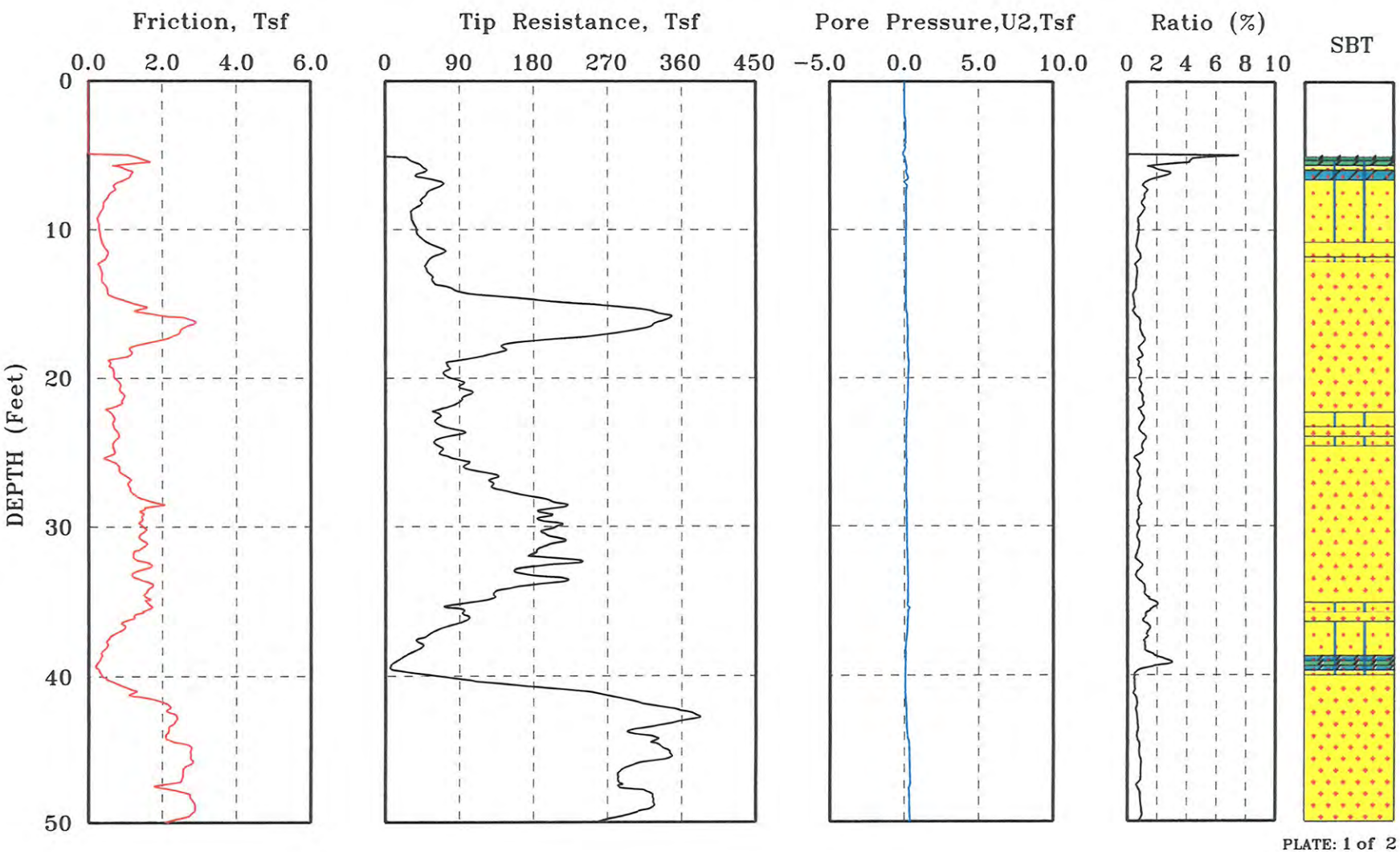


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-08	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 26-Aug-2009



FUGRO GEOSCIENCES,INC.

CPT No : ROST-08	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 26-Aug-2009

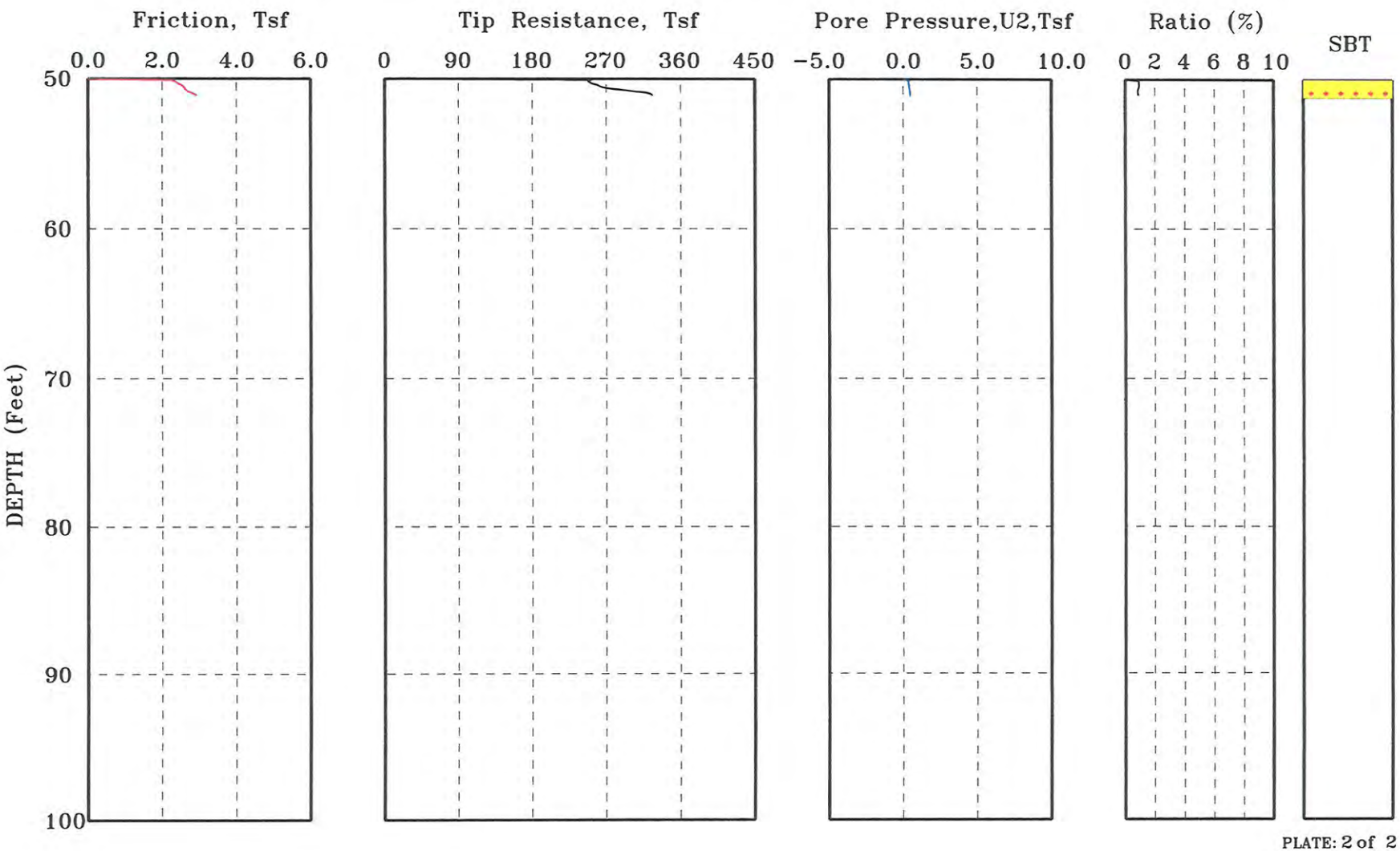


PLATE: 2 of 2

FUGRO GEOSCIENCES,INC.

CPT No : ROST-09	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 26-Aug-2009

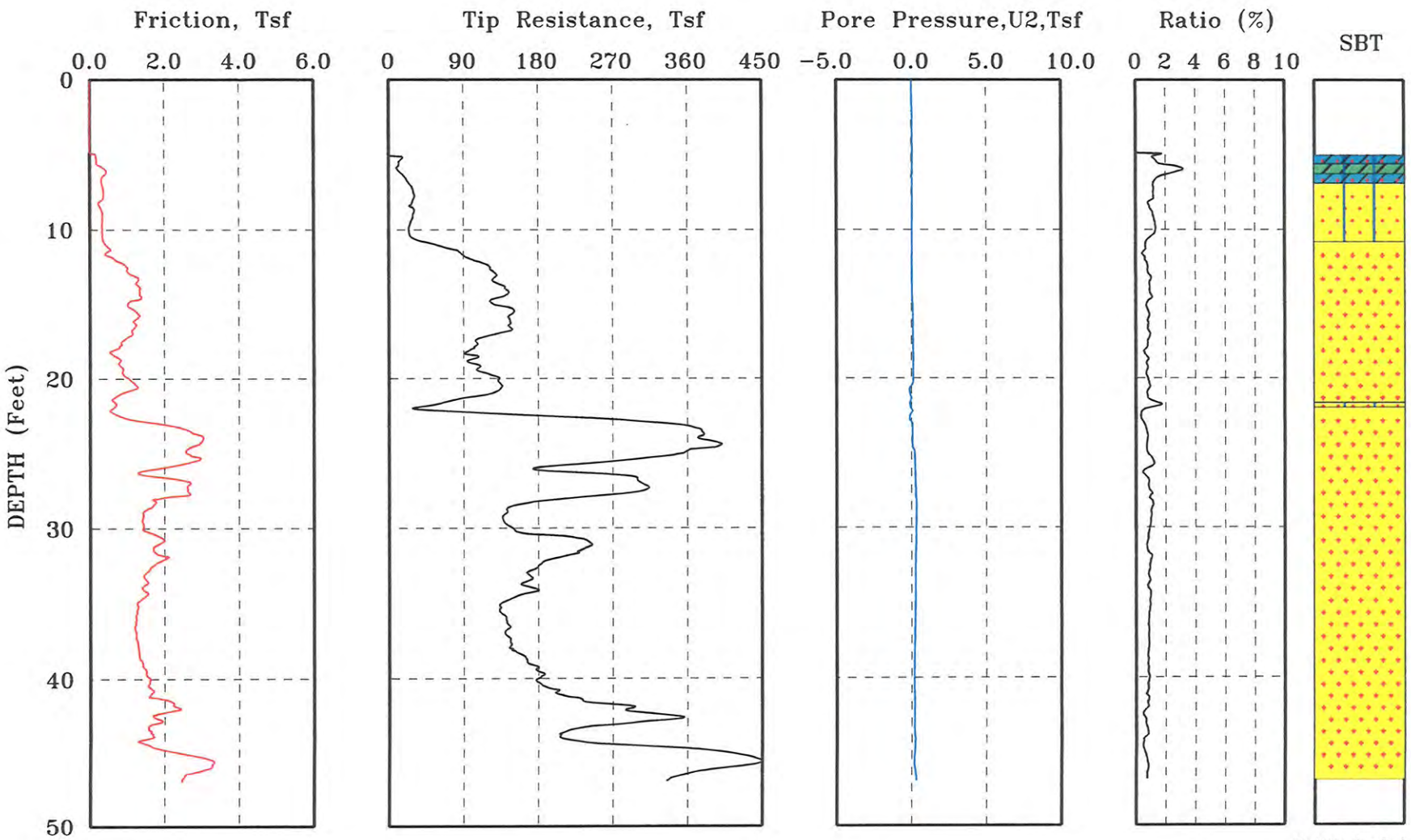


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-10	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 26-Aug-2009

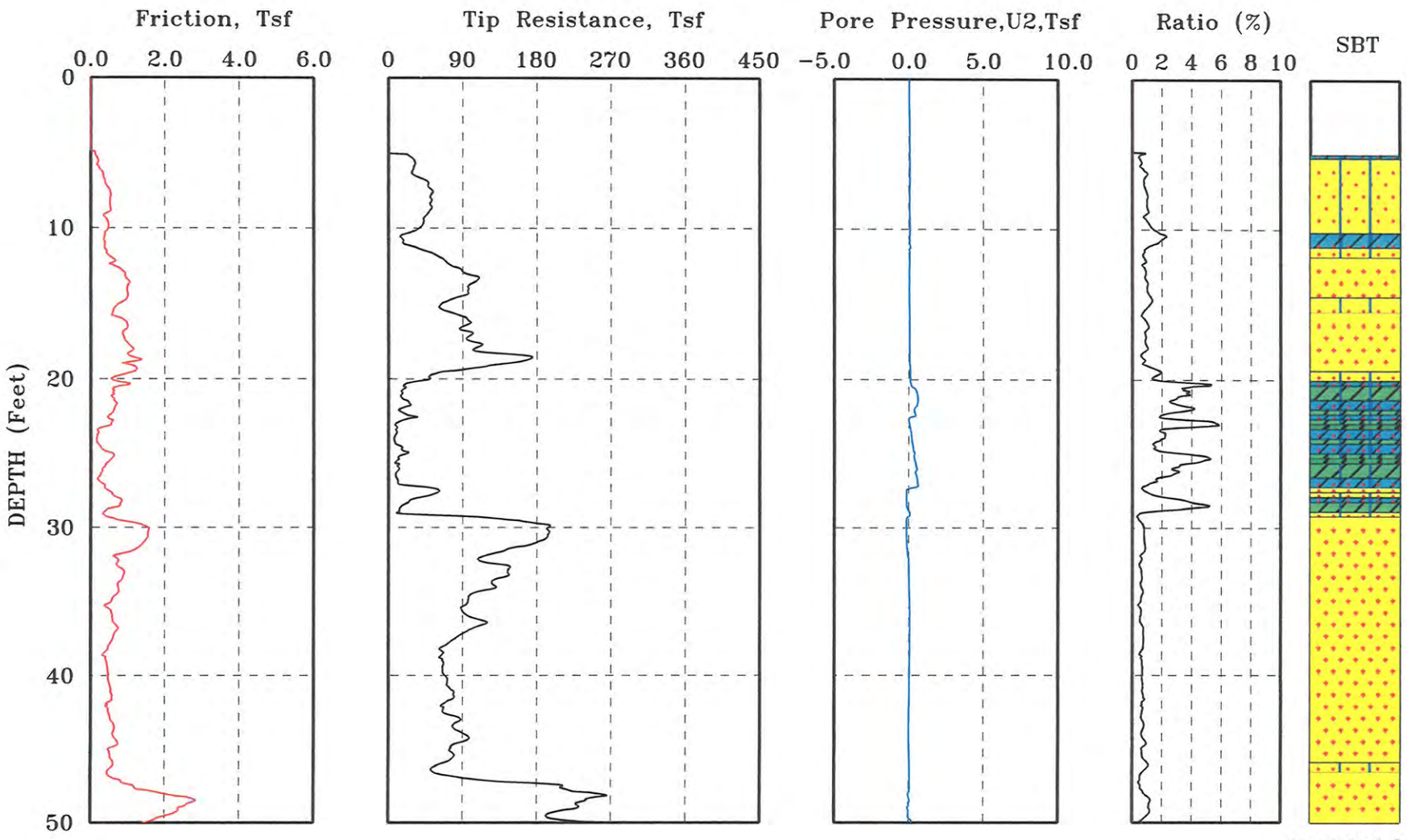


PLATE: 1 of 2

FUGRO GEOSCIENCES,INC.

CPT No : ROST-10	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 26-Aug-2009

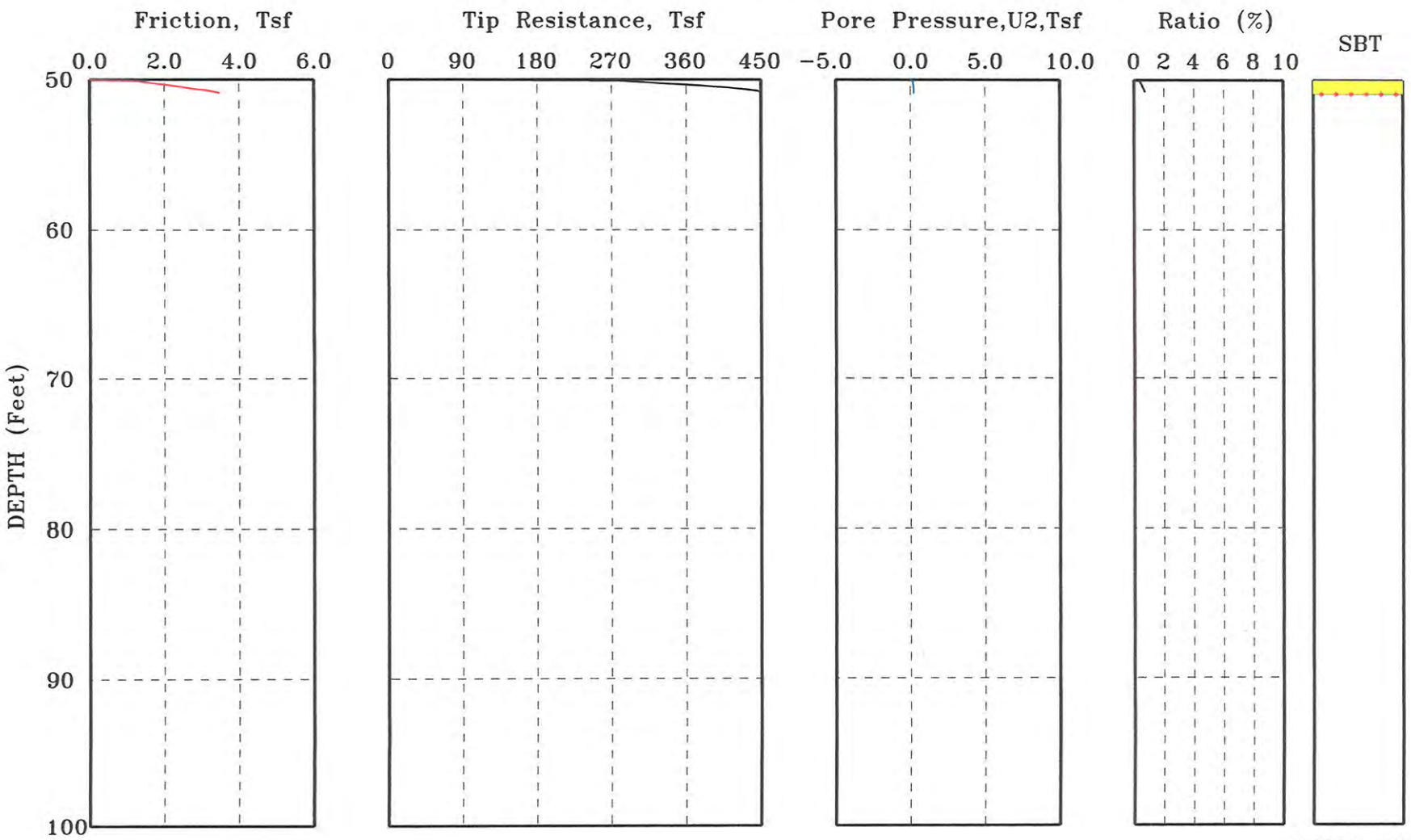


PLATE: 2 of 2

FUGRO GEOSCIENCES,INC.

CPT No : ROST-11	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 24-Aug-2009

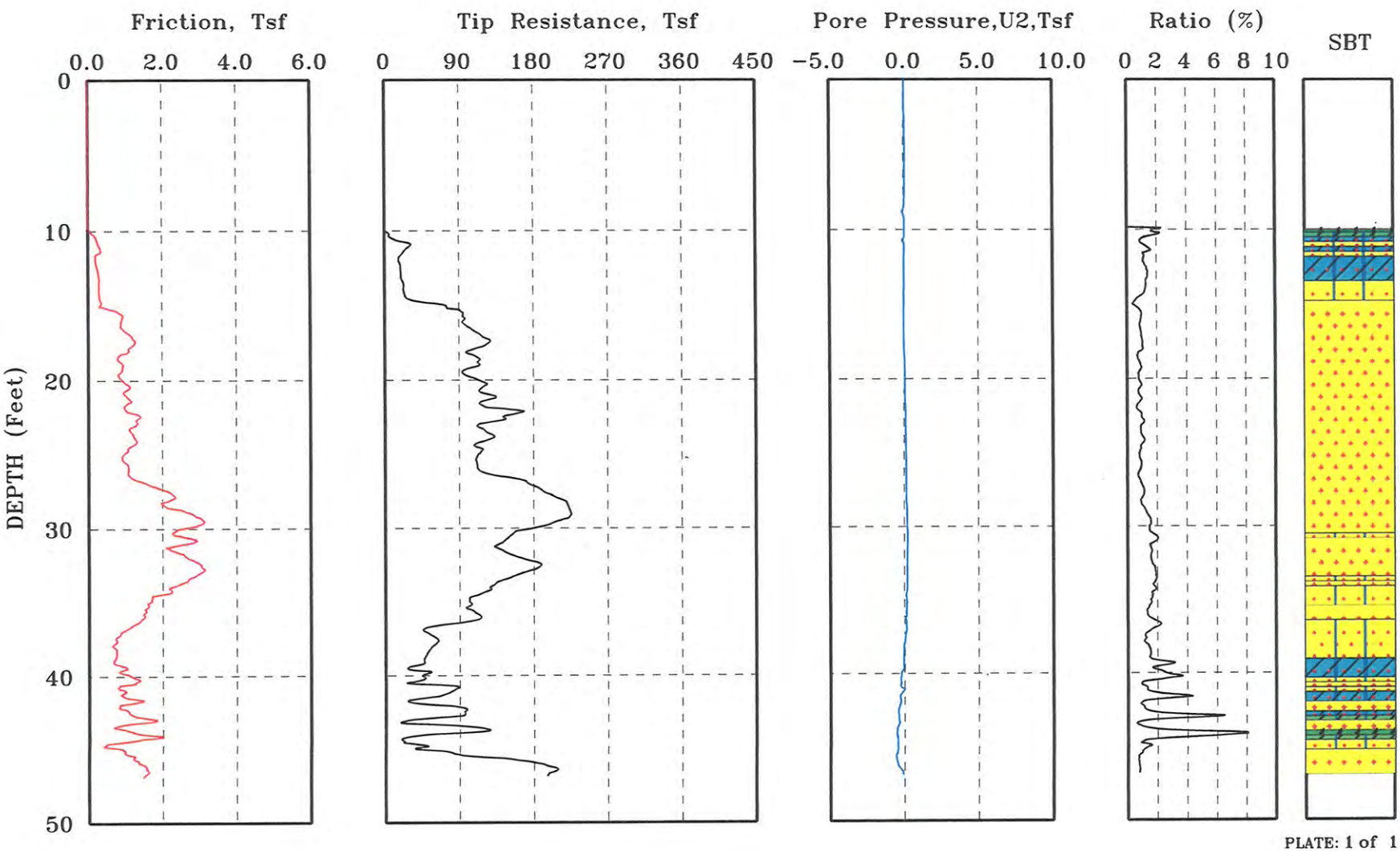


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-12	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 24-Aug-2009

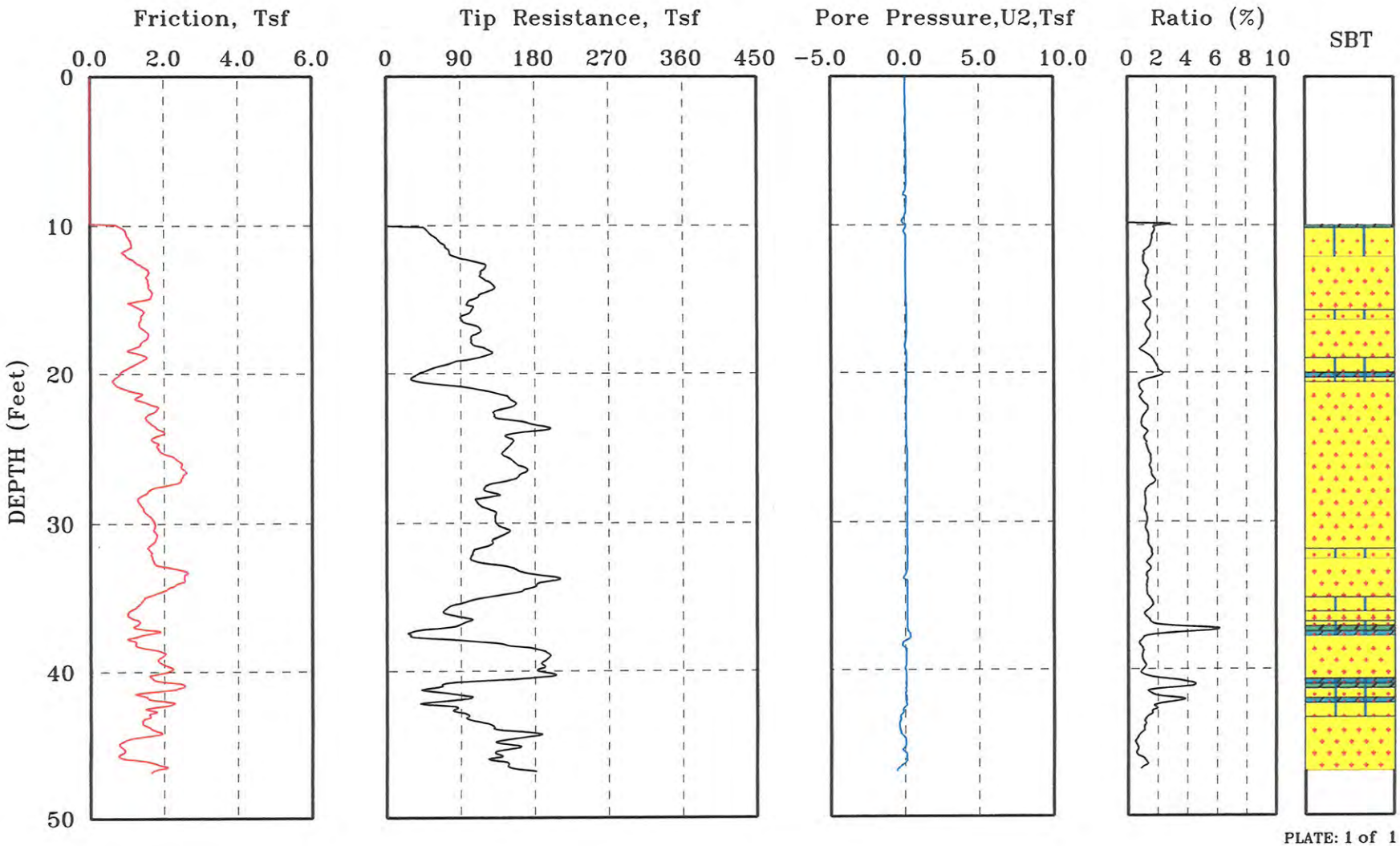


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-13	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 25-Aug-2009

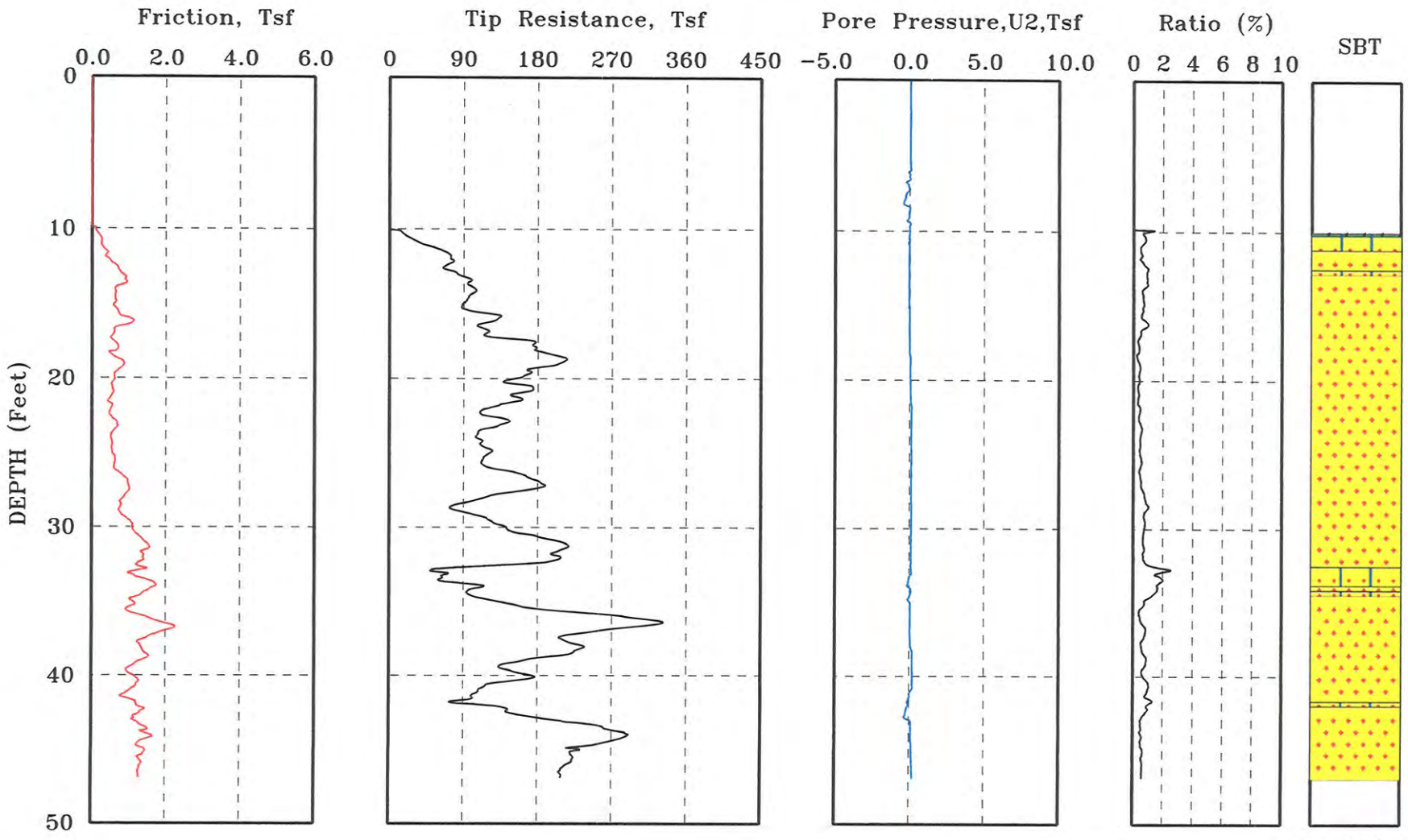


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-14	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 25-Aug-2009

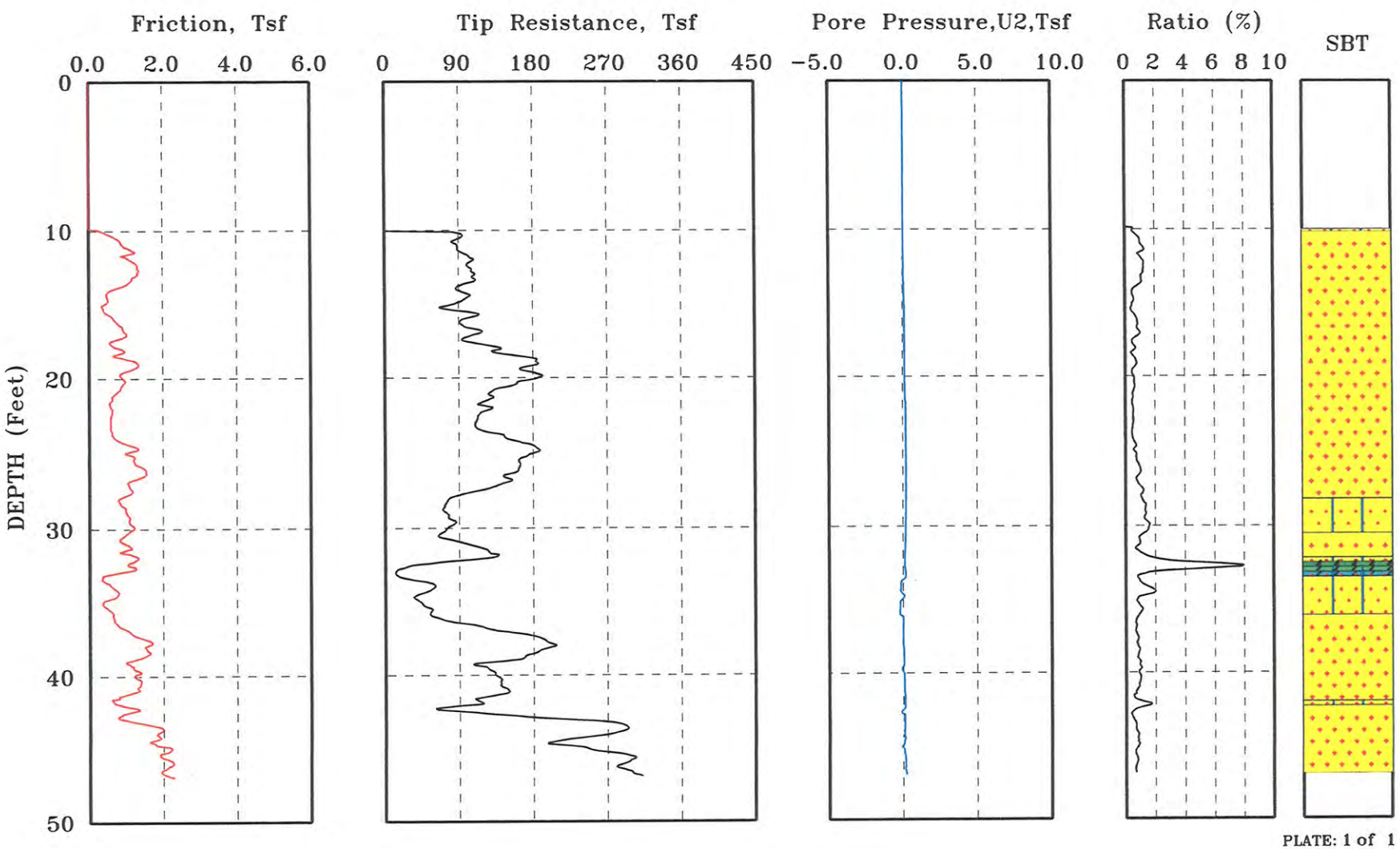


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-15	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 25-Aug-2009

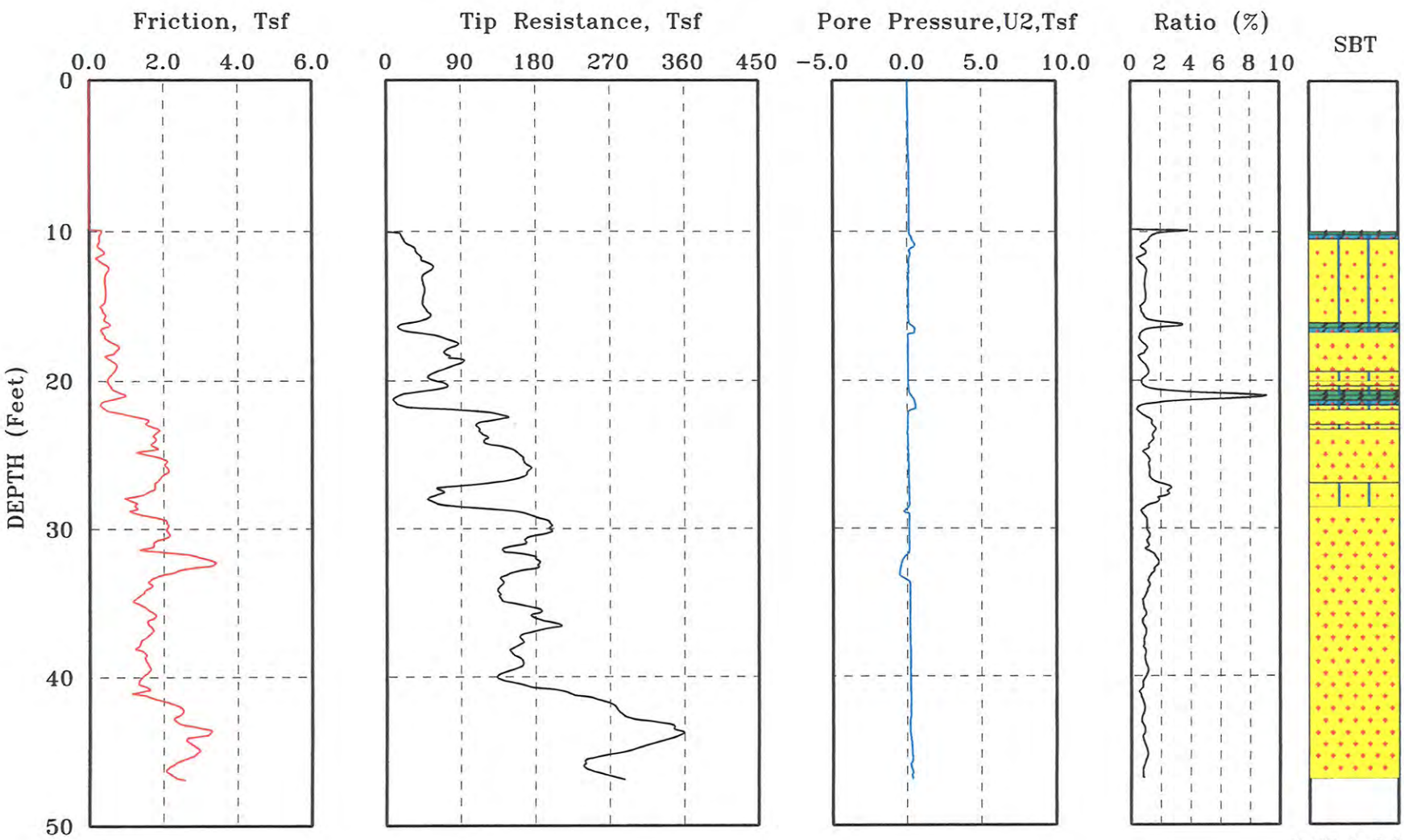


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-16	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 25-Aug-2009

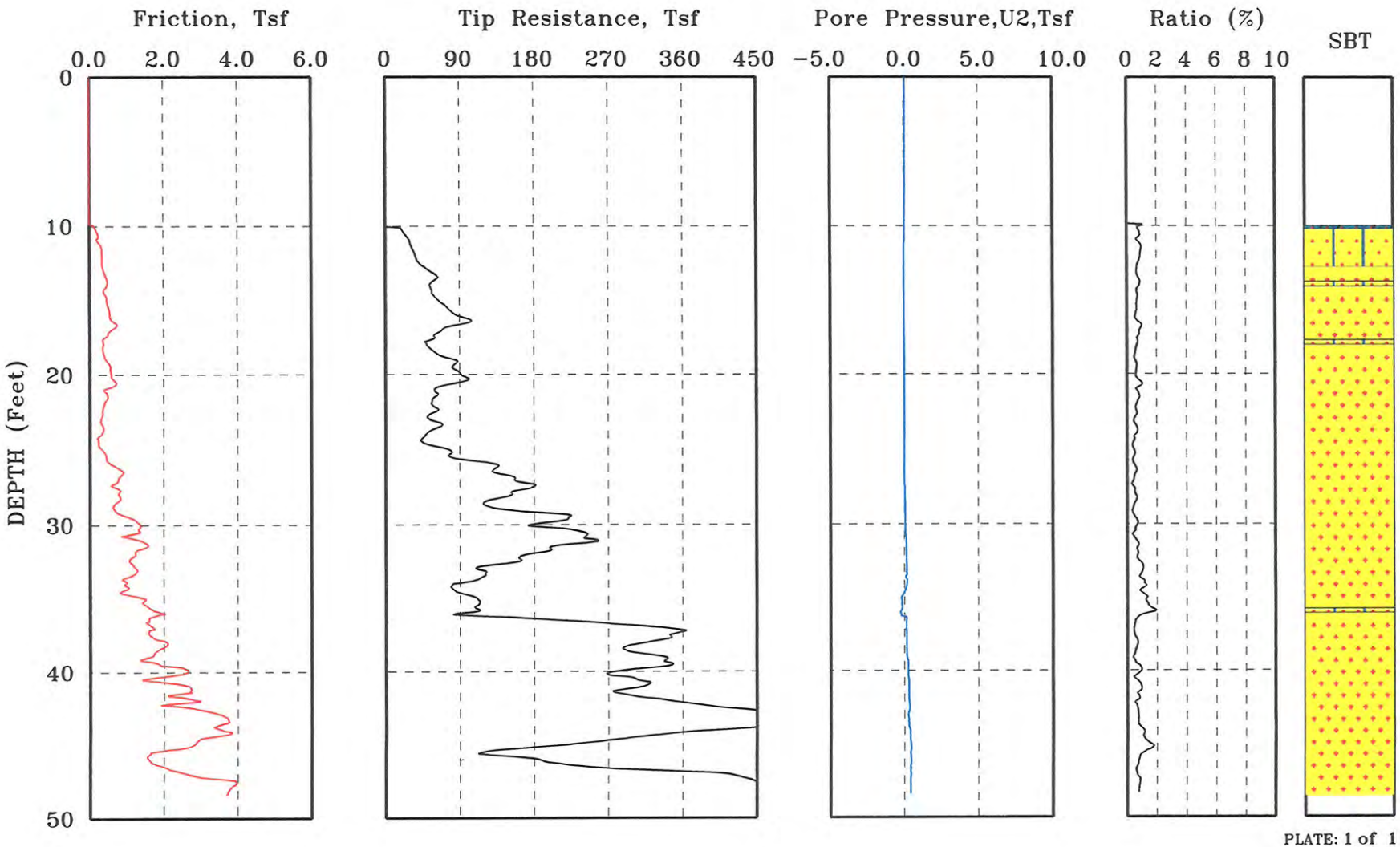


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-17	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 25-Aug-2009

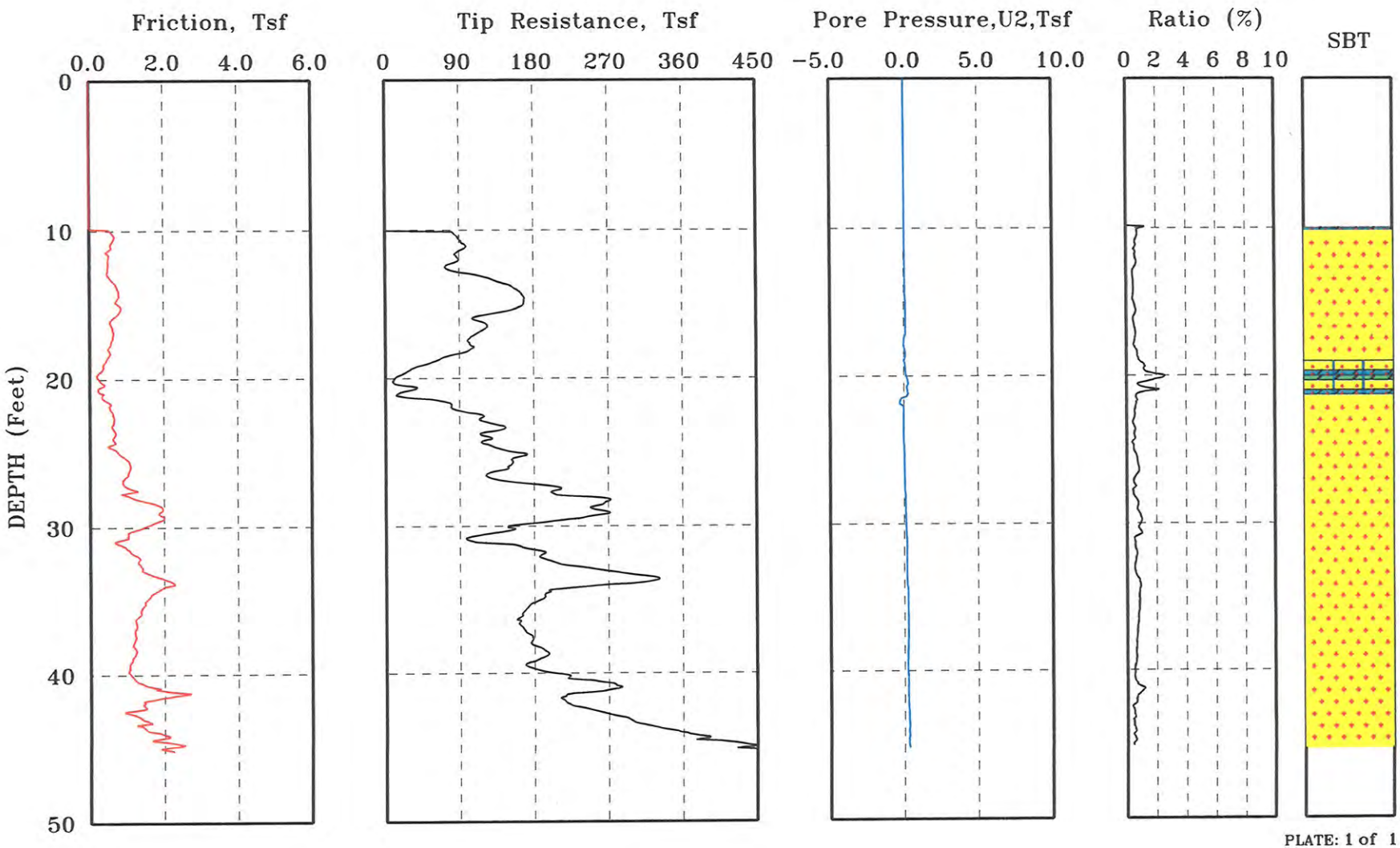


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-18	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 25-Aug-2009

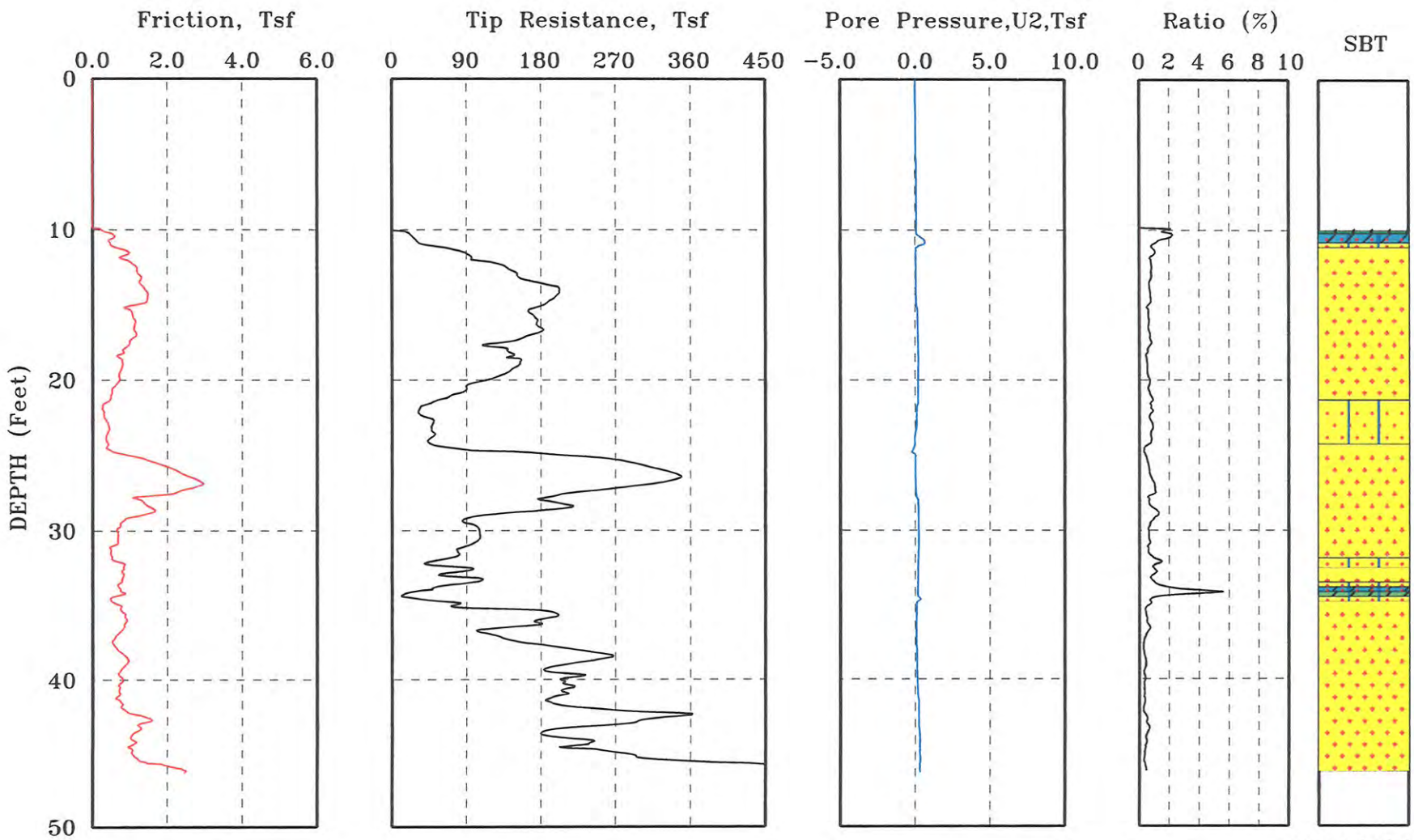


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-19	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 26-Aug-2009

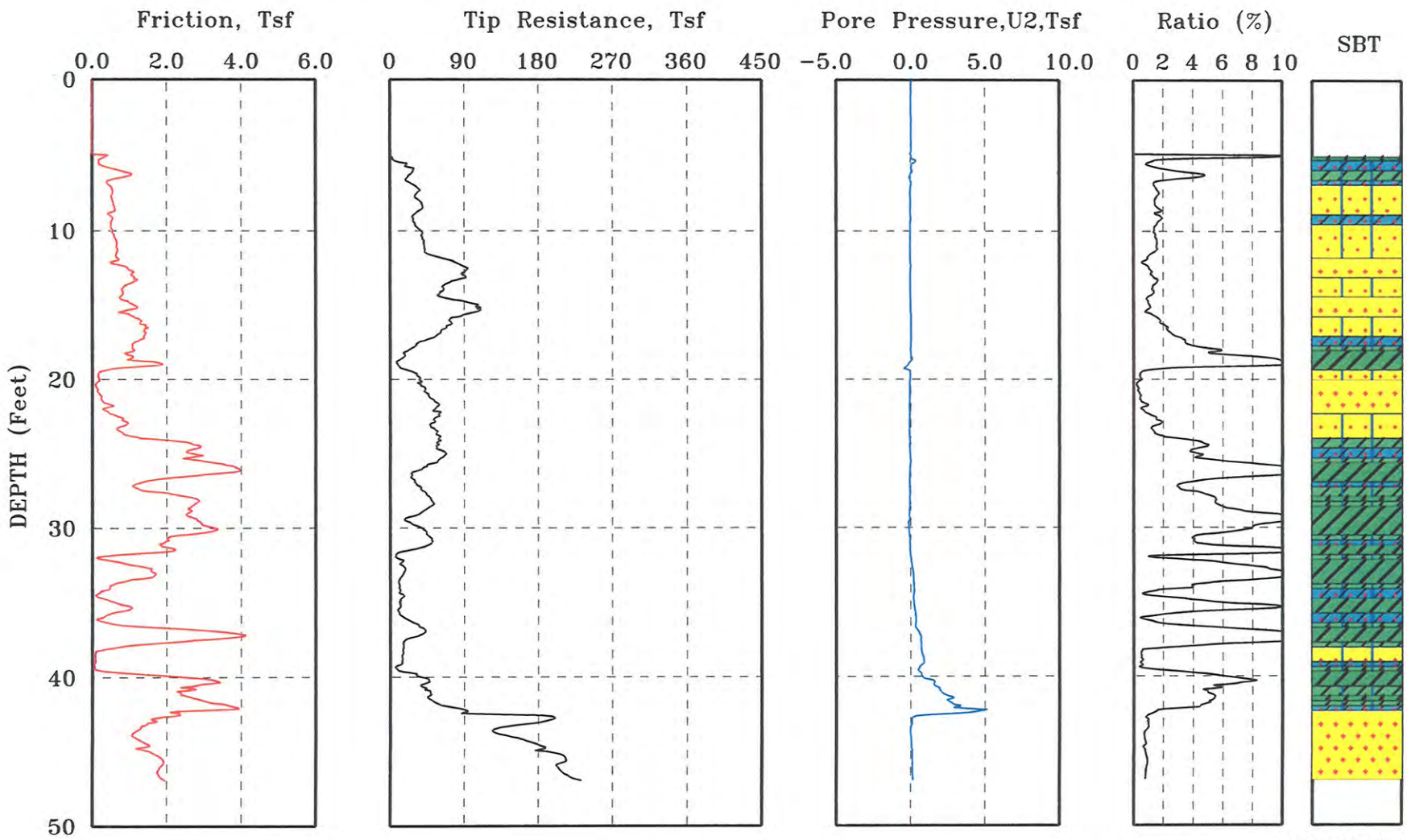


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-20	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 26-Aug-2009

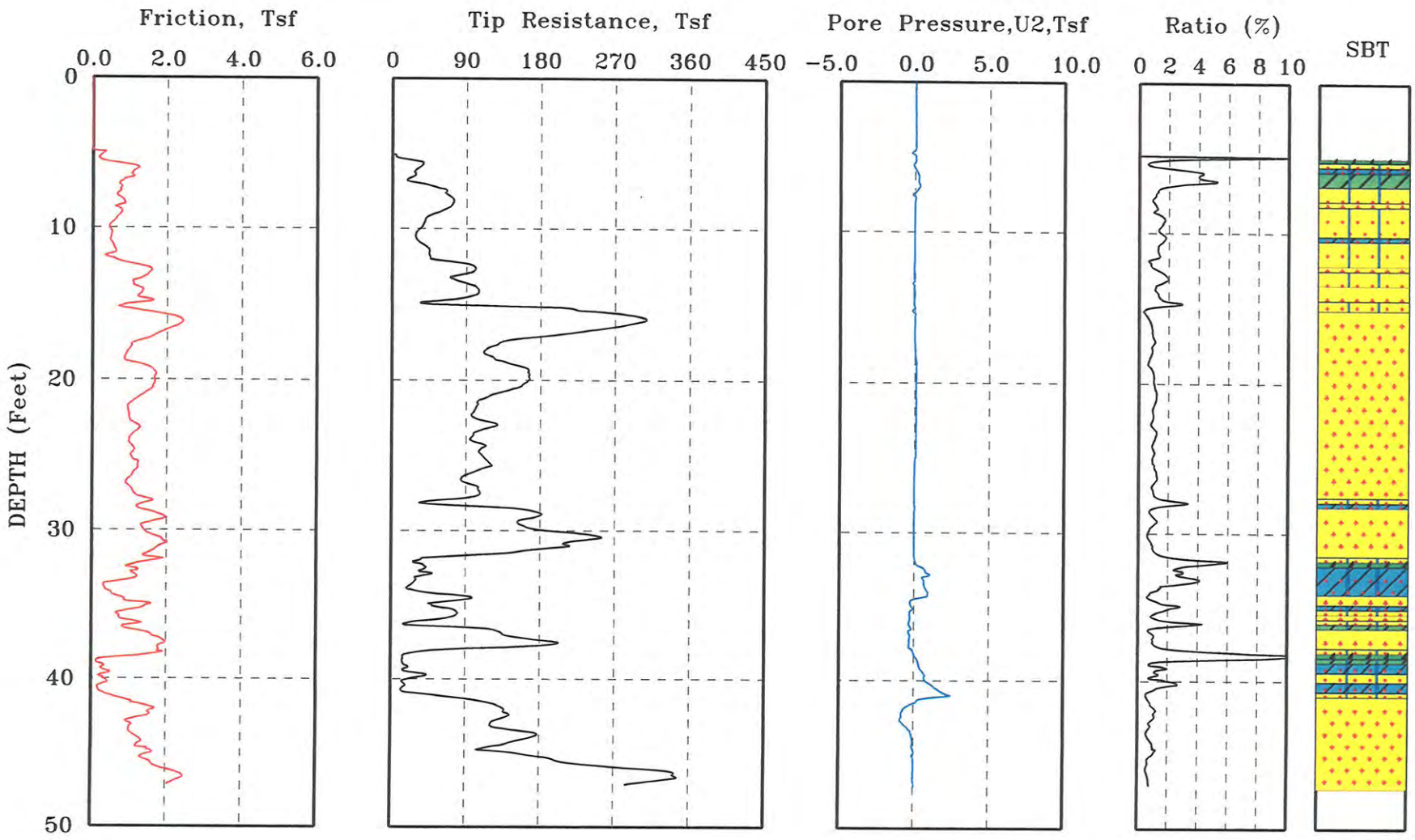


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-21	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 26-Aug-2009

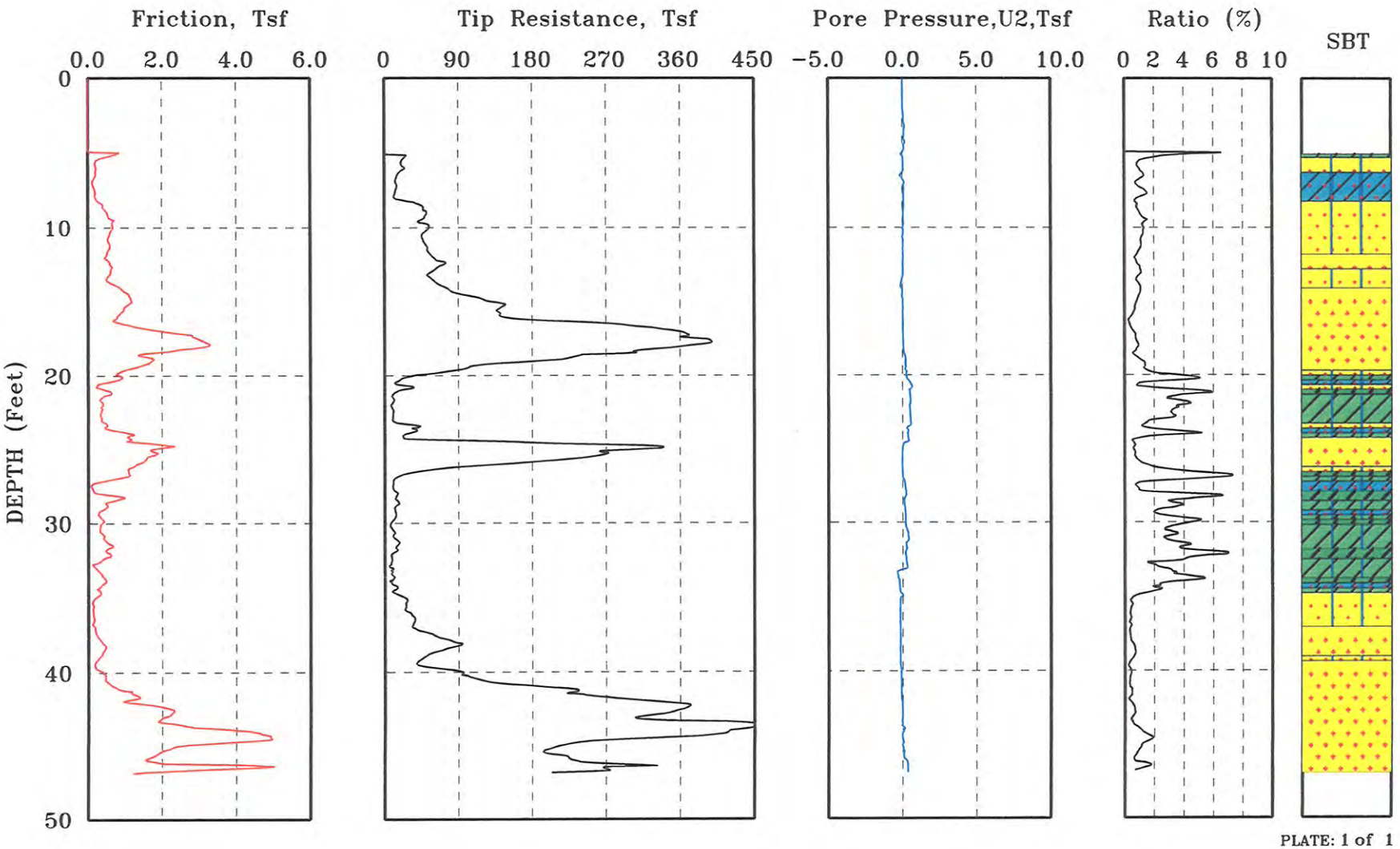


PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-22	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 26-Aug-2009

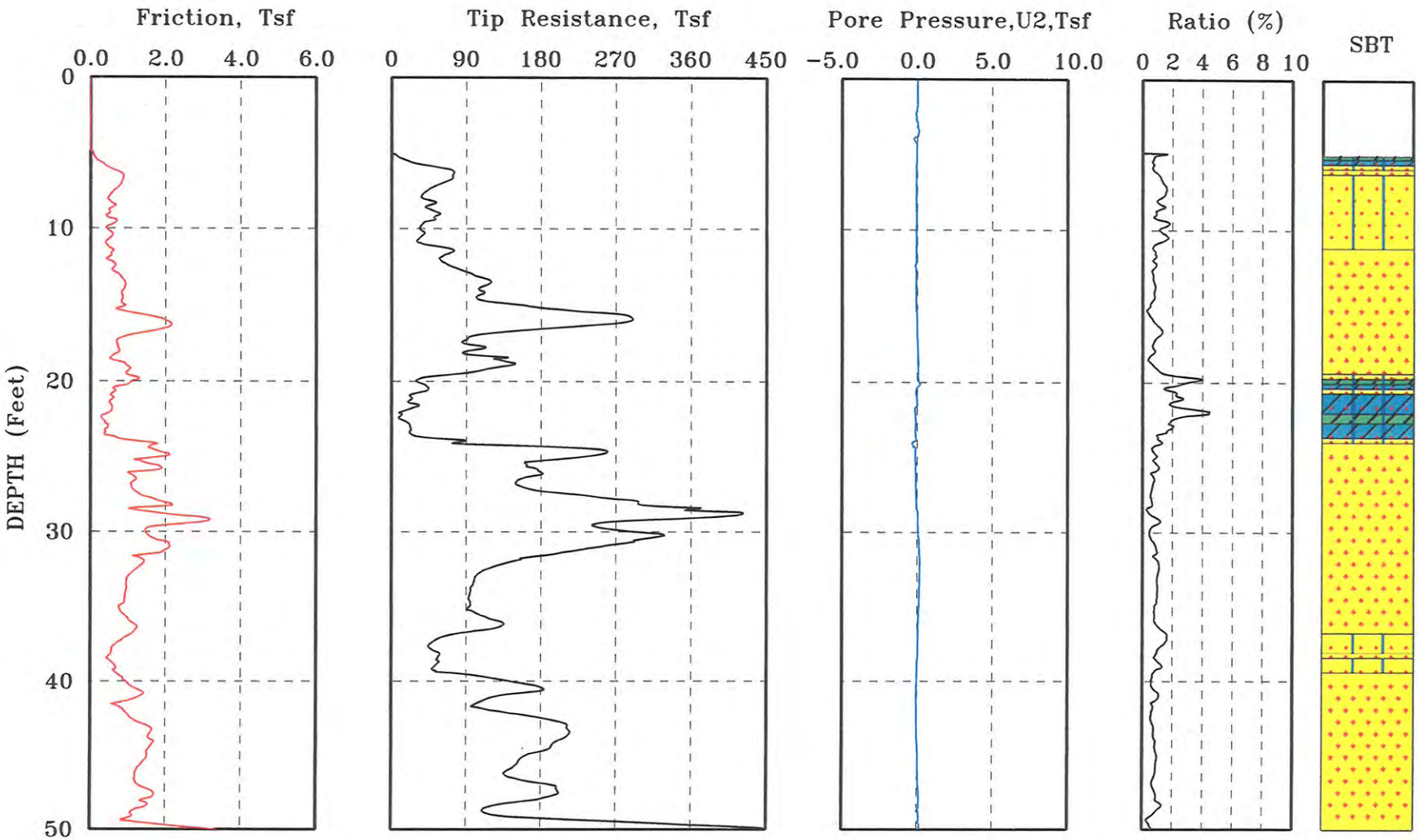


PLATE: 1 of 2

FUGRO GEOSCIENCES,INC.

CPT No : ROST-22	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
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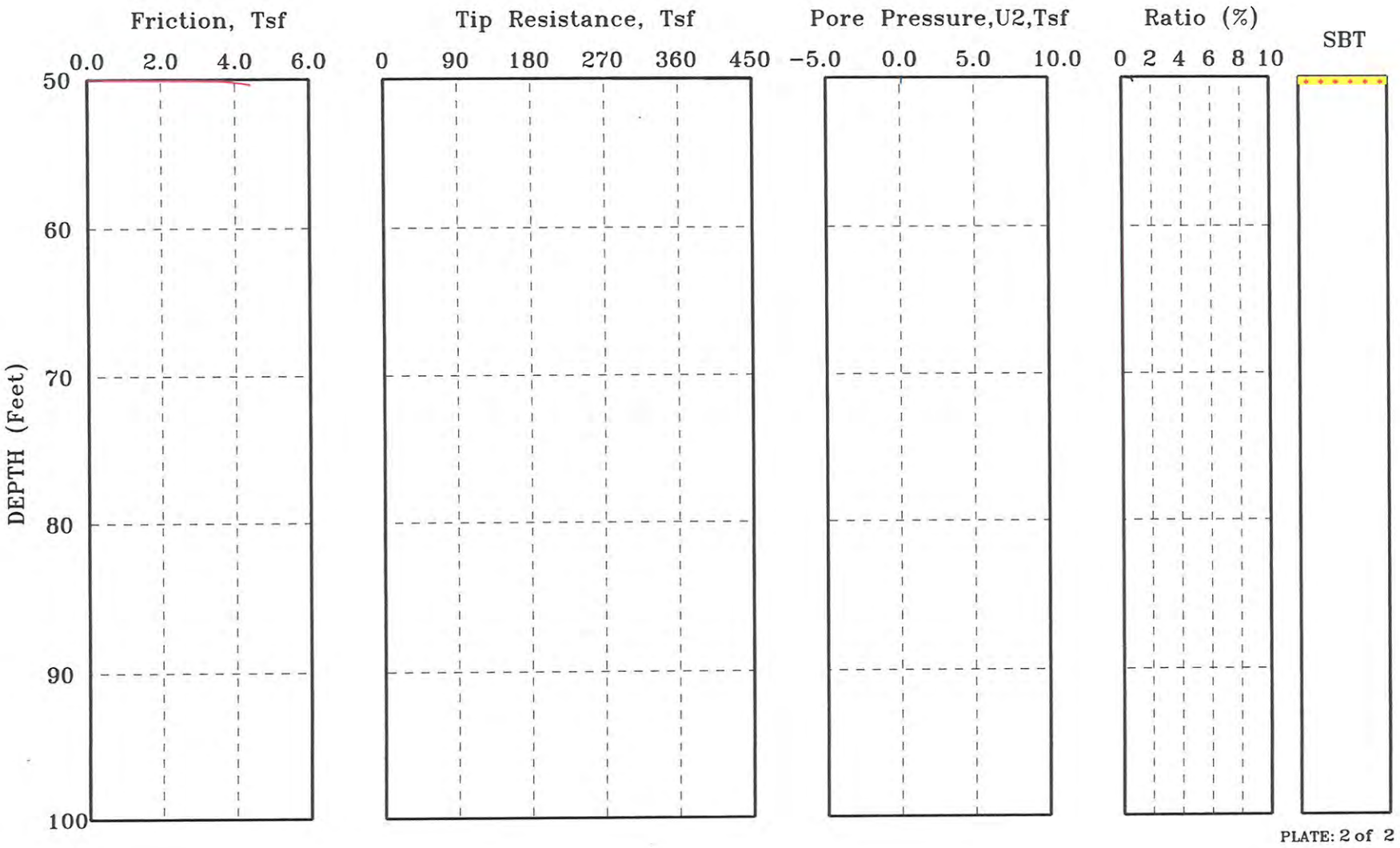

PLATE: 2 of 2

FUGRO GEOSCIENCES,INC.

CPT No : ROST-23	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 28-Aug-2009

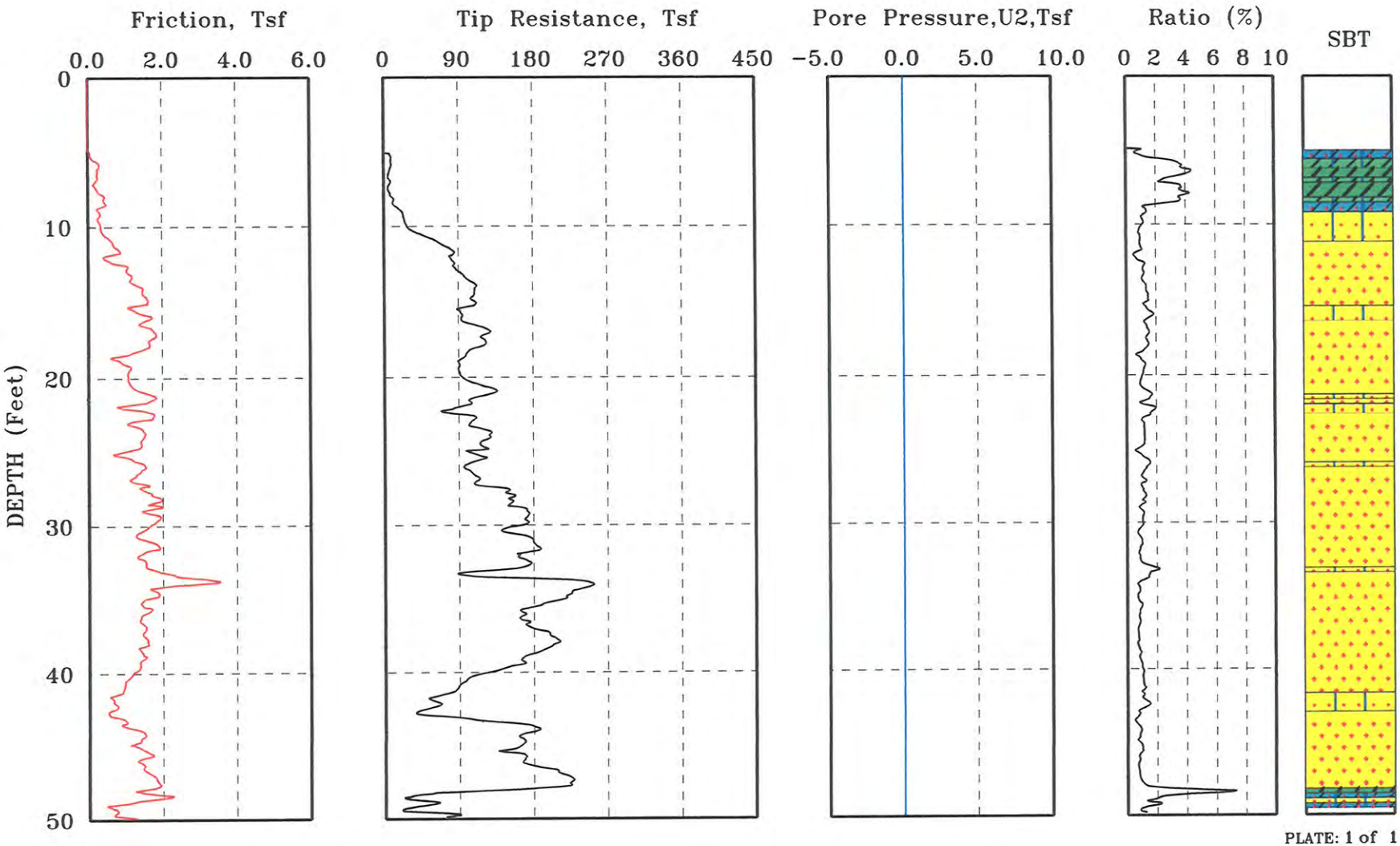

PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-24	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 28-Aug-2009

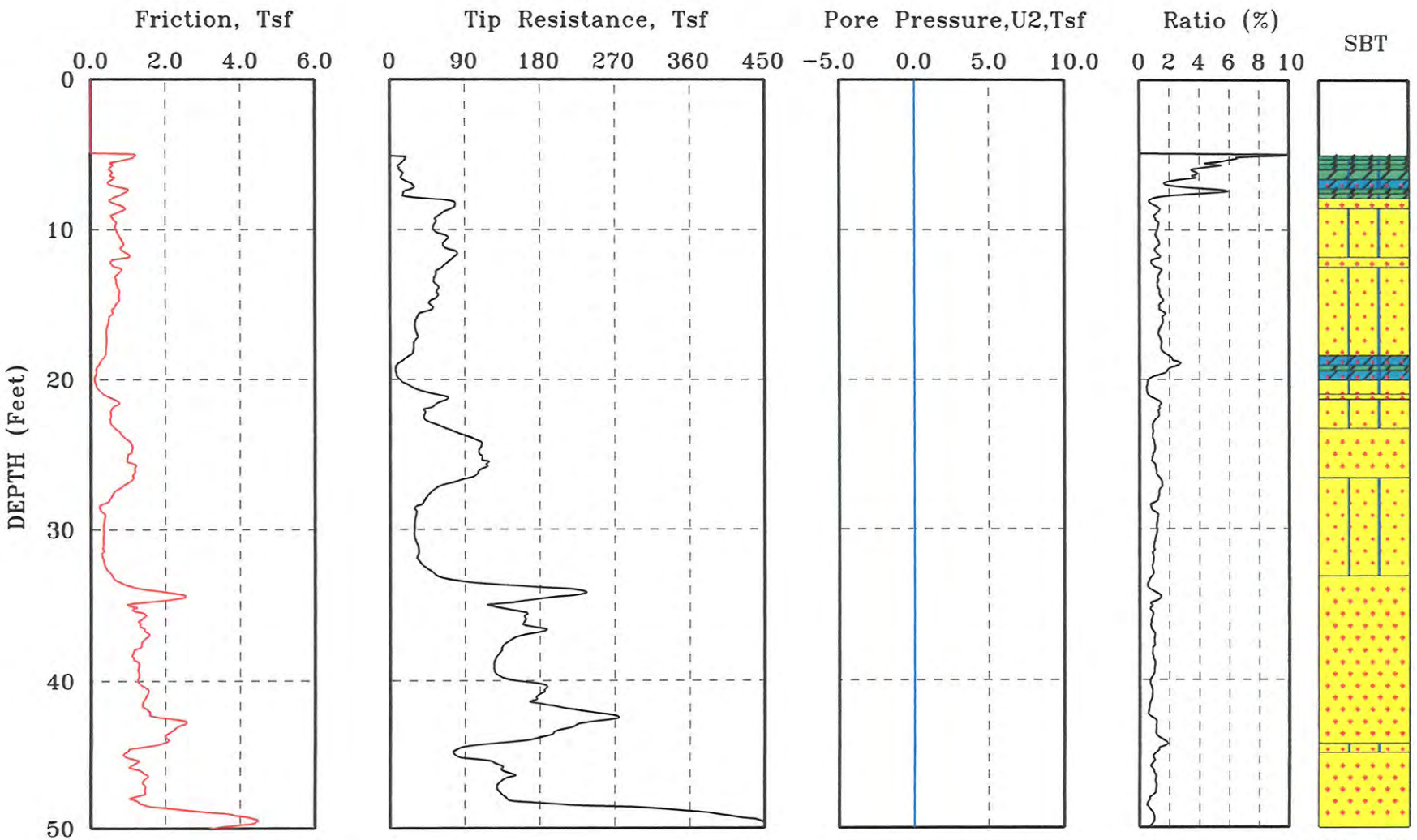

PLATE: 1 of 2

FUGRO GEOSCIENCES,INC.

CPT No : ROST-24	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 28-Aug-2009

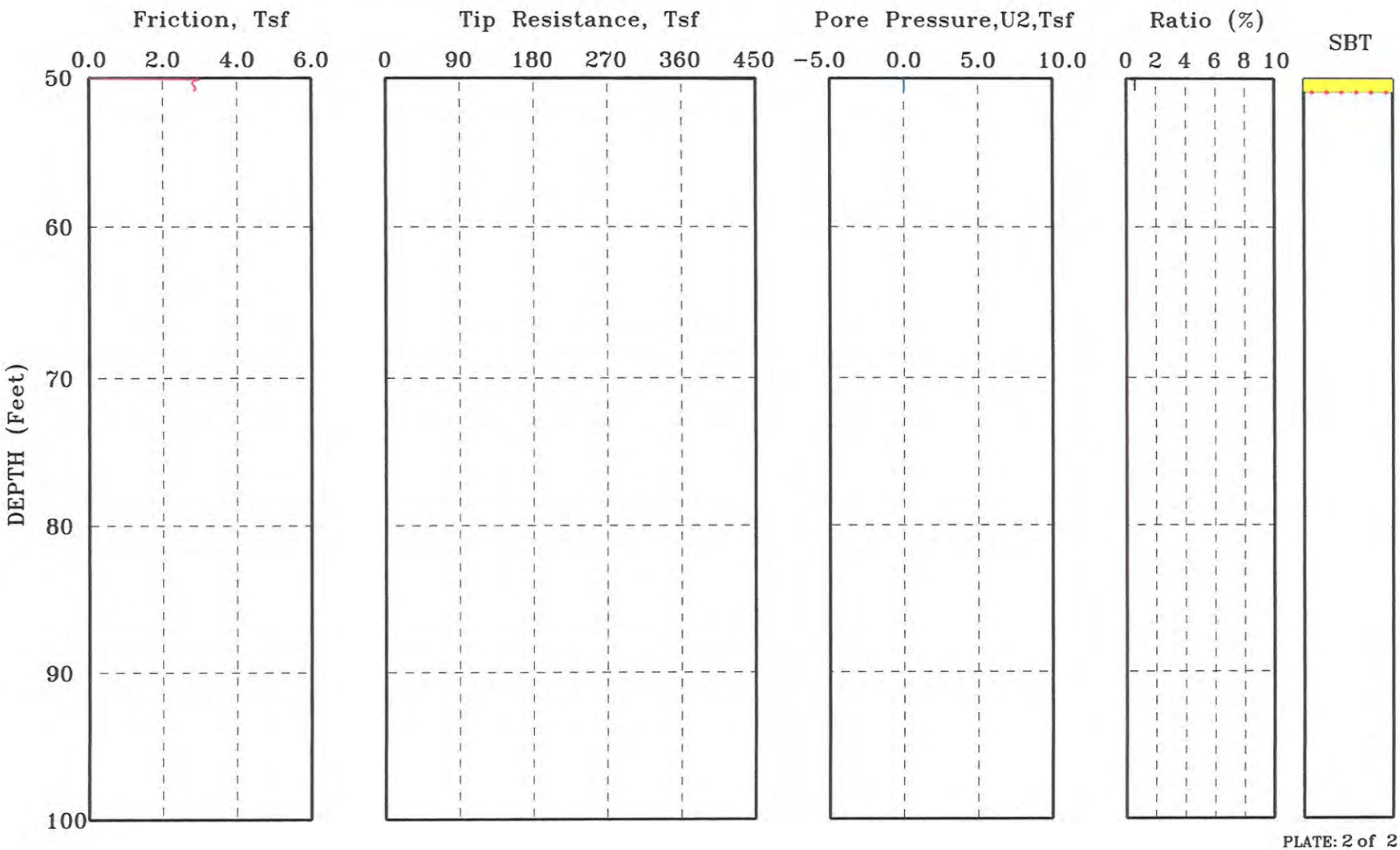

PLATE: 2 of 2

FUGRO GEOSCIENCES,INC.

CPT No : ROST-25	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
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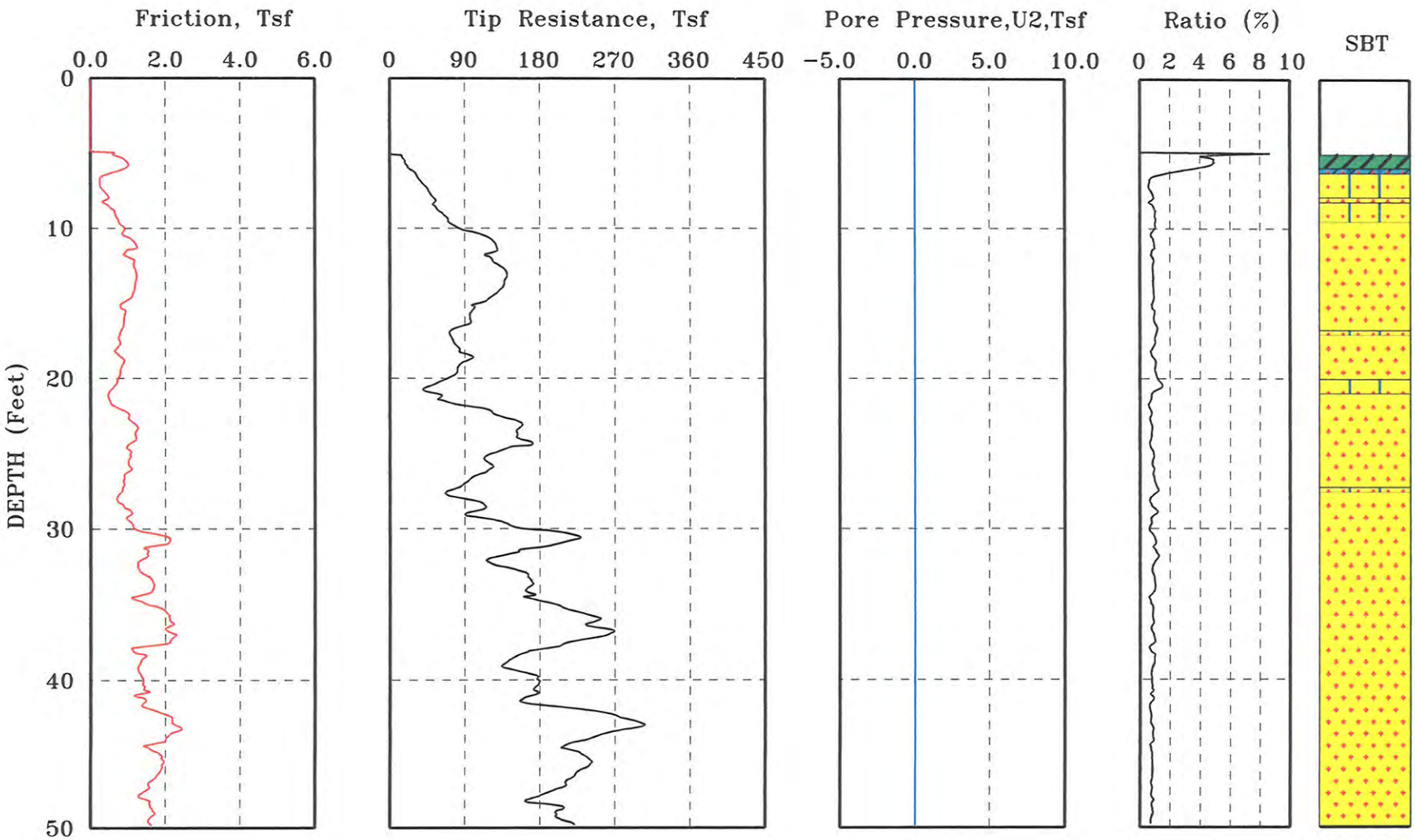

PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-26	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 27-Aug-2009

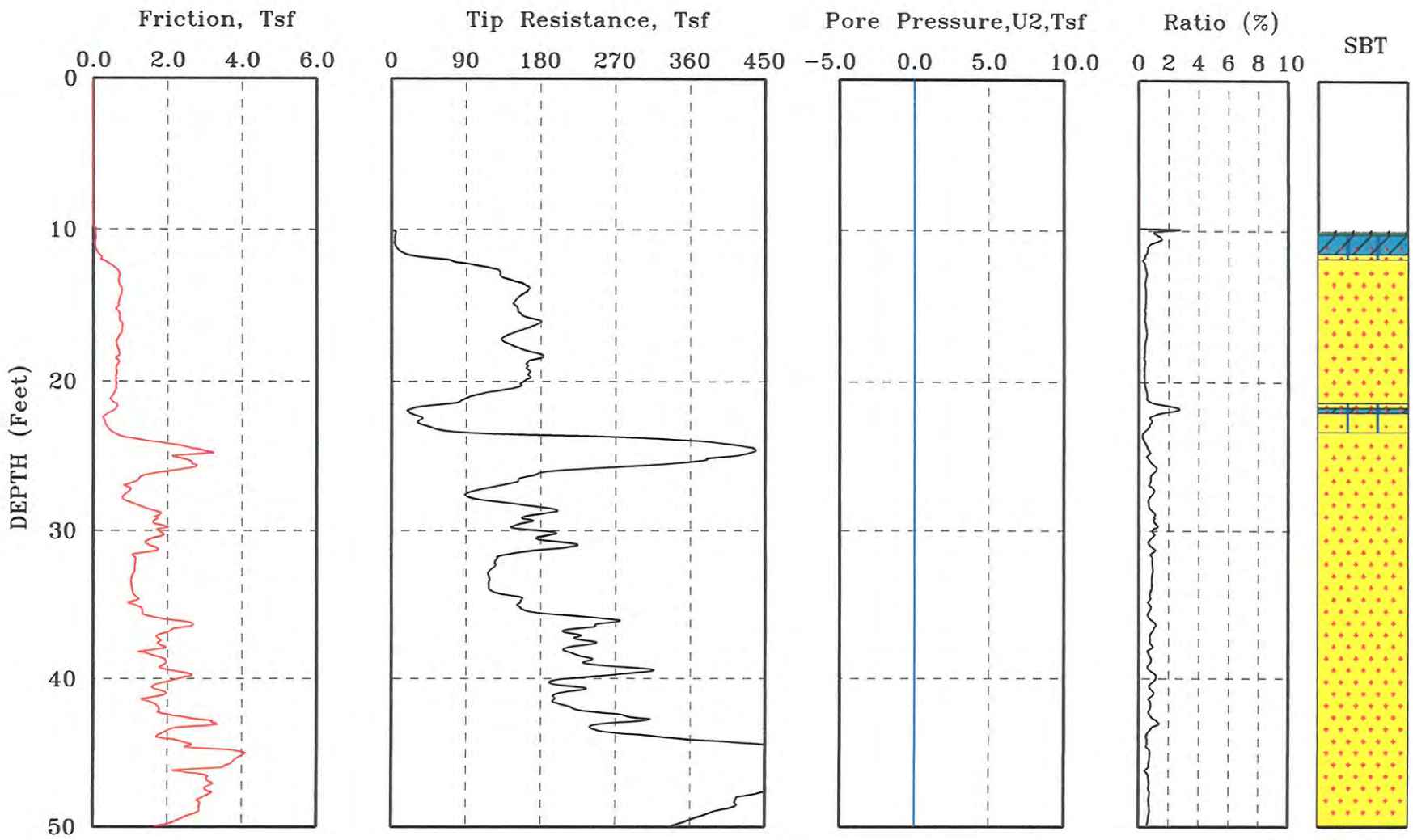

PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-27	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
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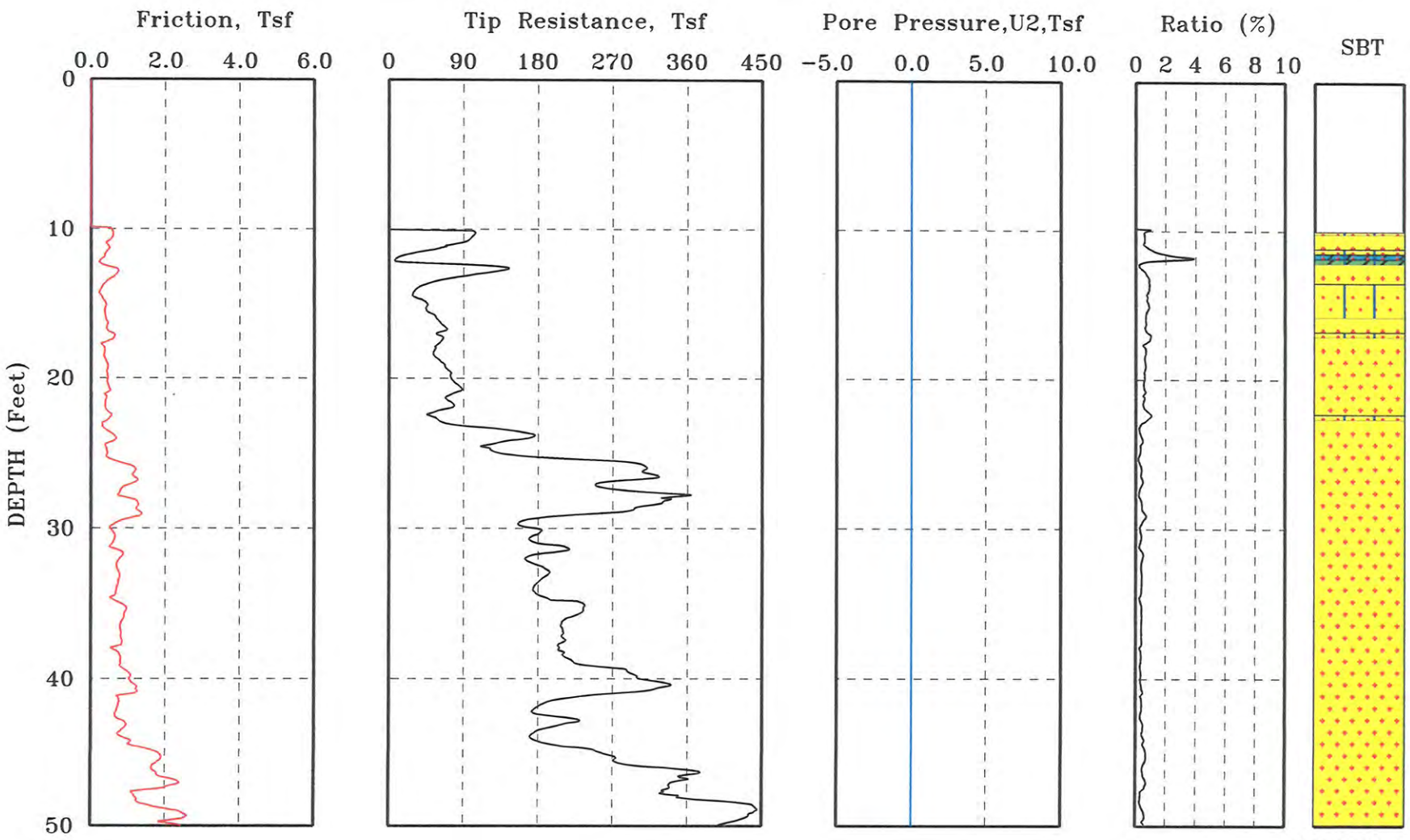

PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-28	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
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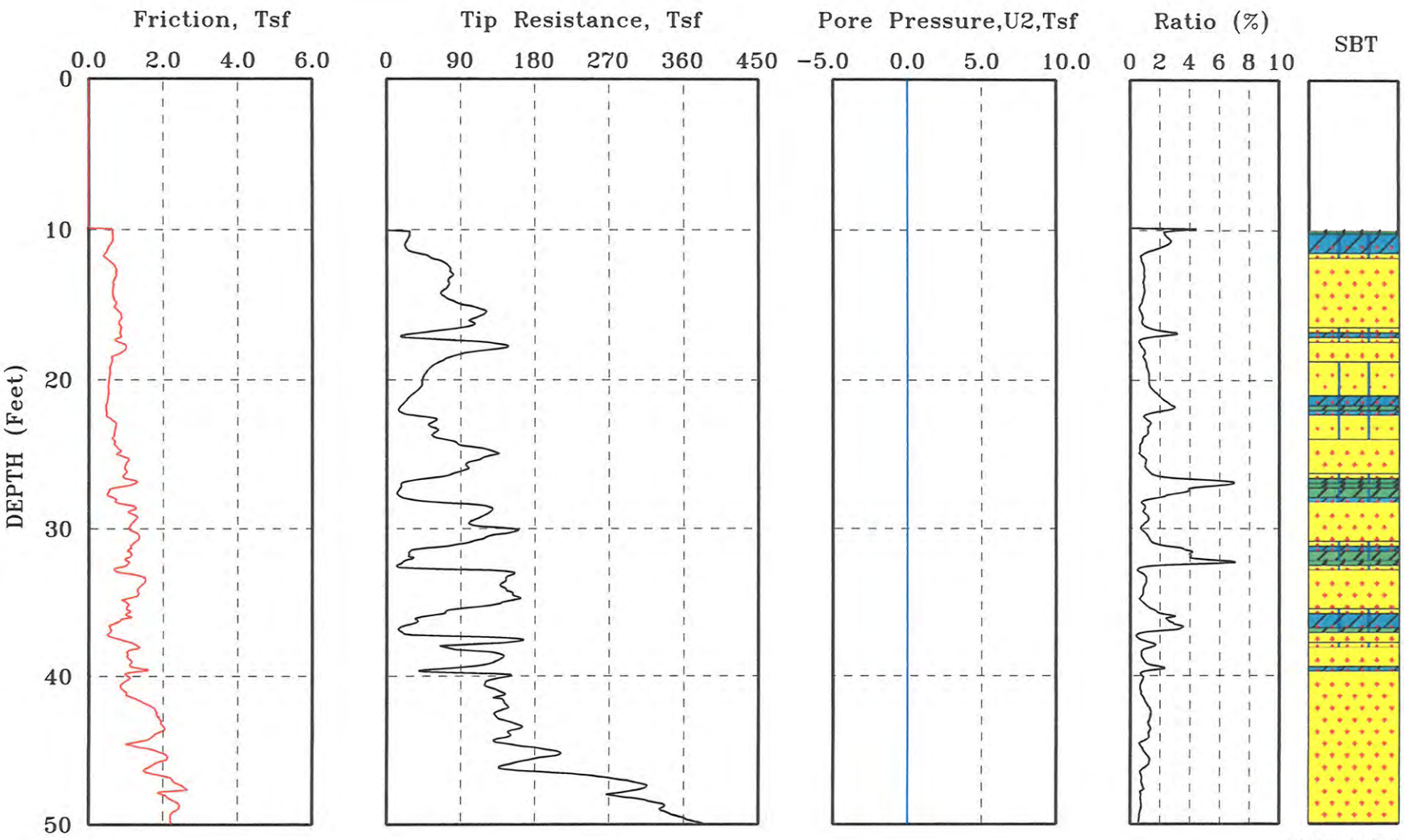

PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-29	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
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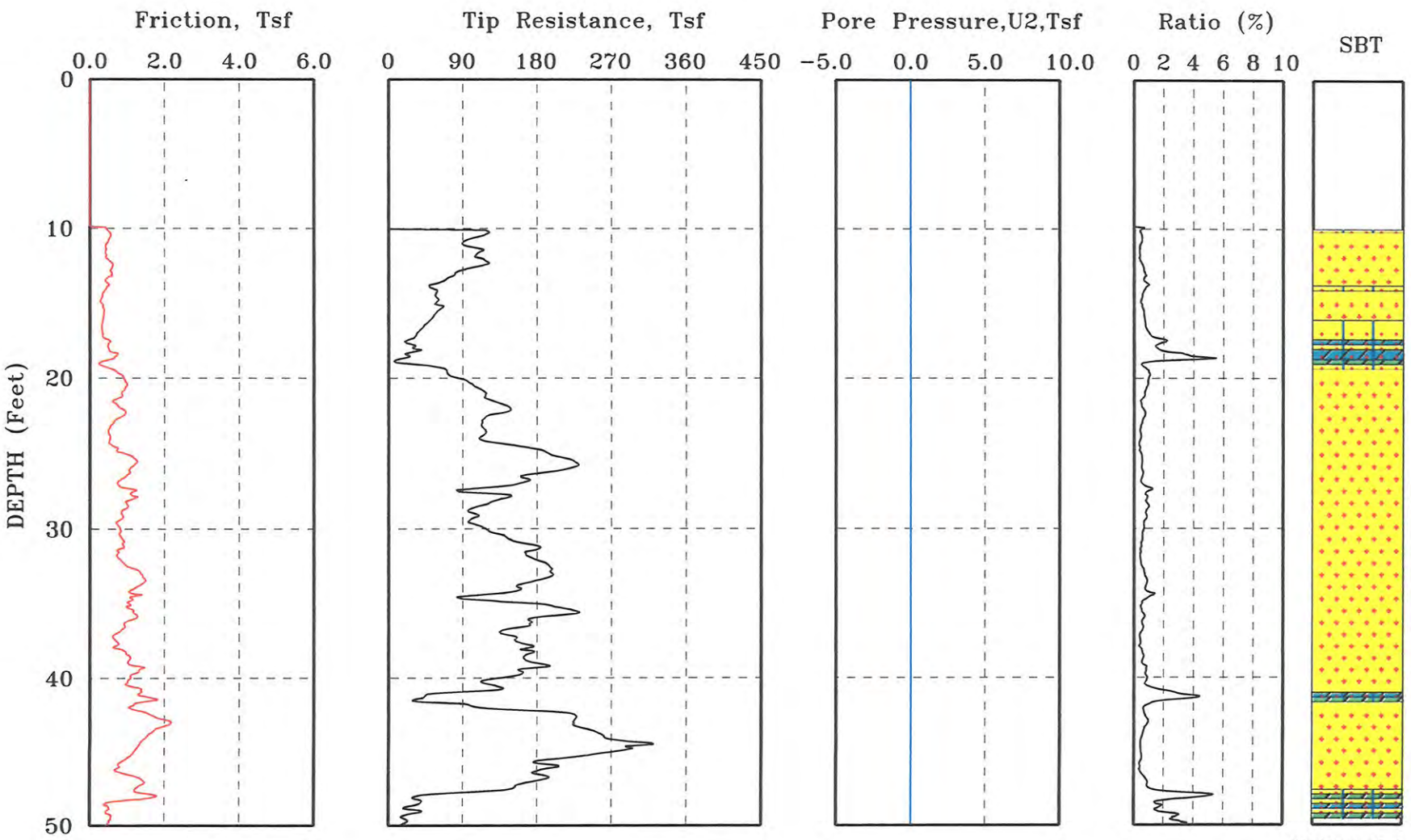

PLATE: 1 of 1

FUGRO GEOSCIENCES,INC.

CPT No : ROST-30	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
	DATE : 28-Aug-2009

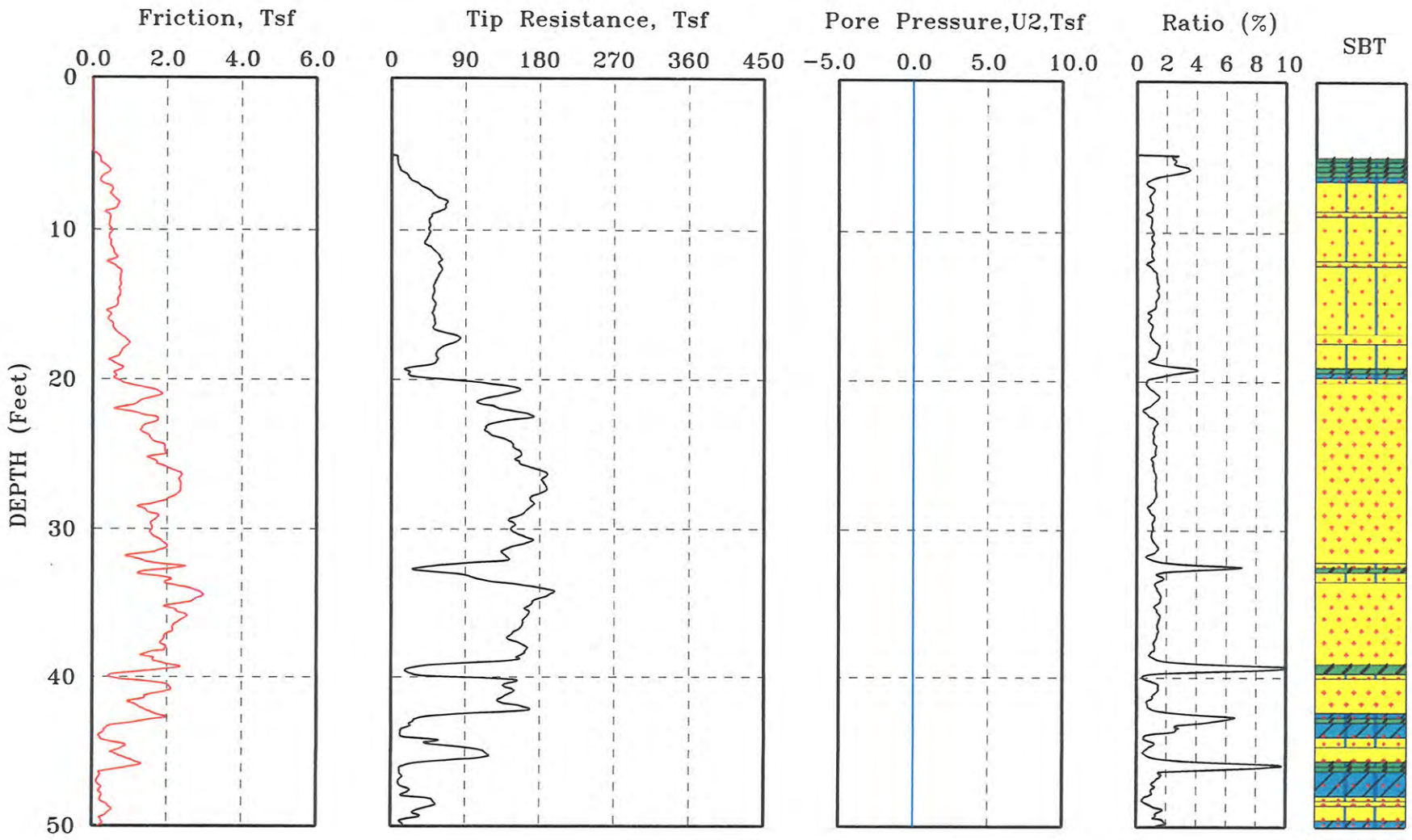

PLATE: 1 of 2

FUGRO GEOSCIENCES,INC.

CPT No : ROST-30	SITE : Roxana,IL
JOB No : 04.1909-0044	CLIENT : URS Corporation
CONE No : F7.5CKE2HAW21344	OPERATOR : DANIEL GARZA
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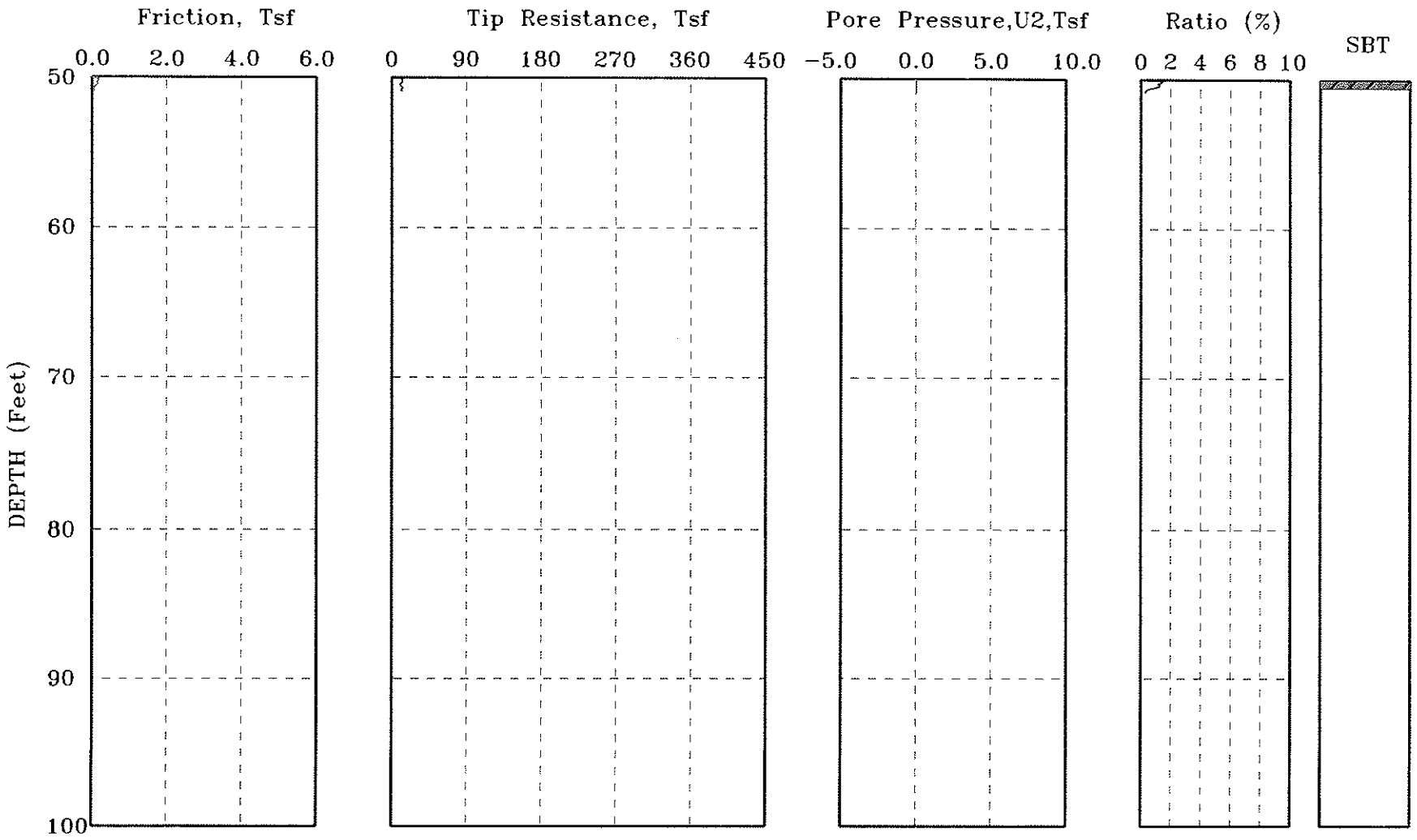

PLATE: 2 of 2

Job Number 04.1913-0025 CPT Number ROST-31 Location Roxana, Illinois

Operator Robert Biehle Date and T 08-May-2013 09:17:59 Cone Number F7.5CKE2HAW21165

Client URS Corporation

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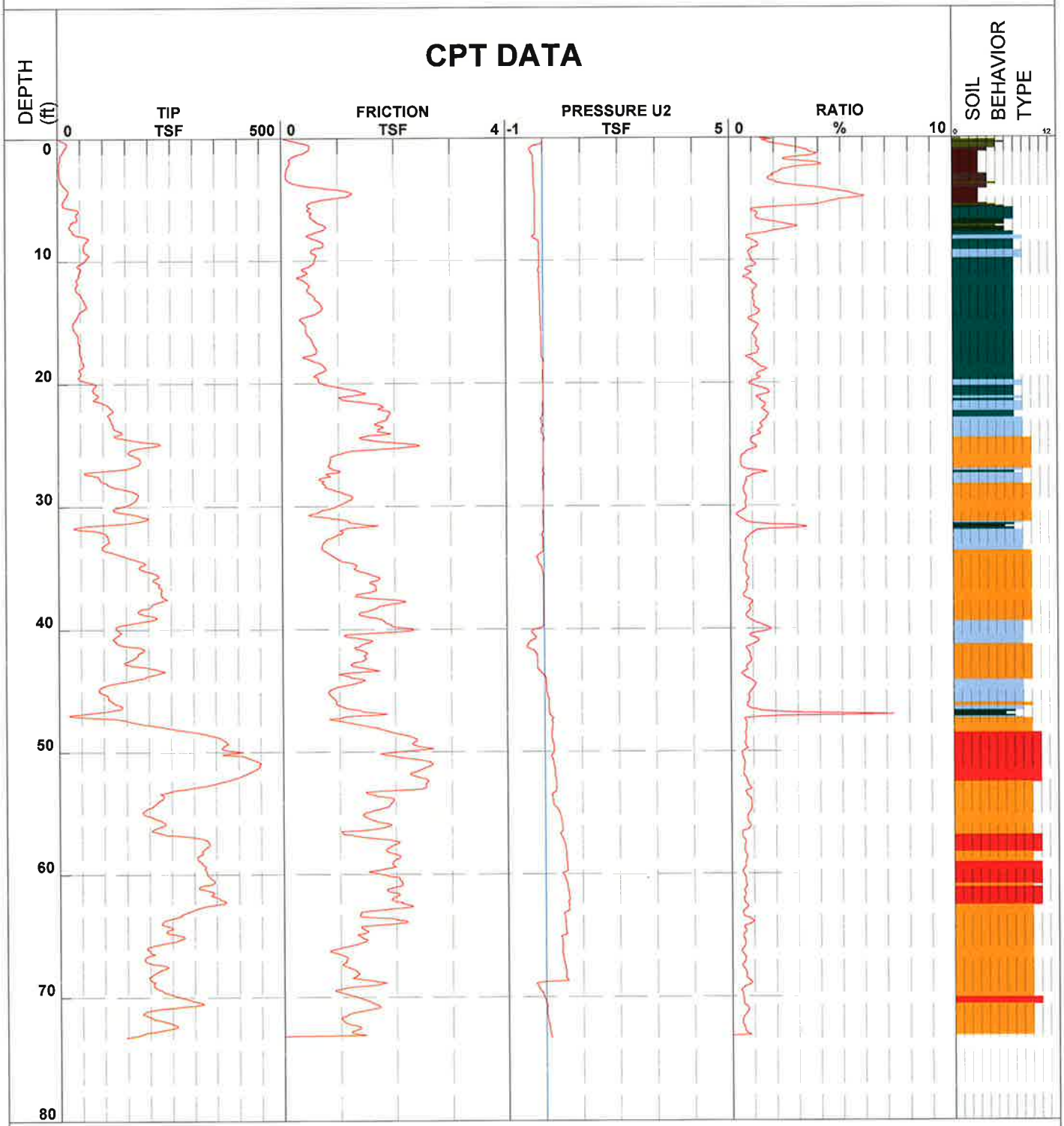

■ 1 - sensitive fine grained ■ 4 - silty clay to clay ■ 7 - silty sand to sandy silt ■ 10 - gravelly sand to sand

■ 2 - organic material ■ 5 - clayey silt to silty clay ■ 8 - sand to silty sand ■ 11 - very stiff fine grained (*)

■ 3 - clay ■ 6 - sandy silt to clayey silt ■ 9 - sand ■ 12 - sand to clayey sand (*)

Robertson et al. 1986 * Overconsolidated or Cemented

Job Number 04.1913-0025 CPT Number ROST-32 Location Roxana, Illinois

Operator Robert Biehle Date and T 09-May-2013 11:12:49 Cone Number F7.5CKE2HAW21165

Client URS Corporation

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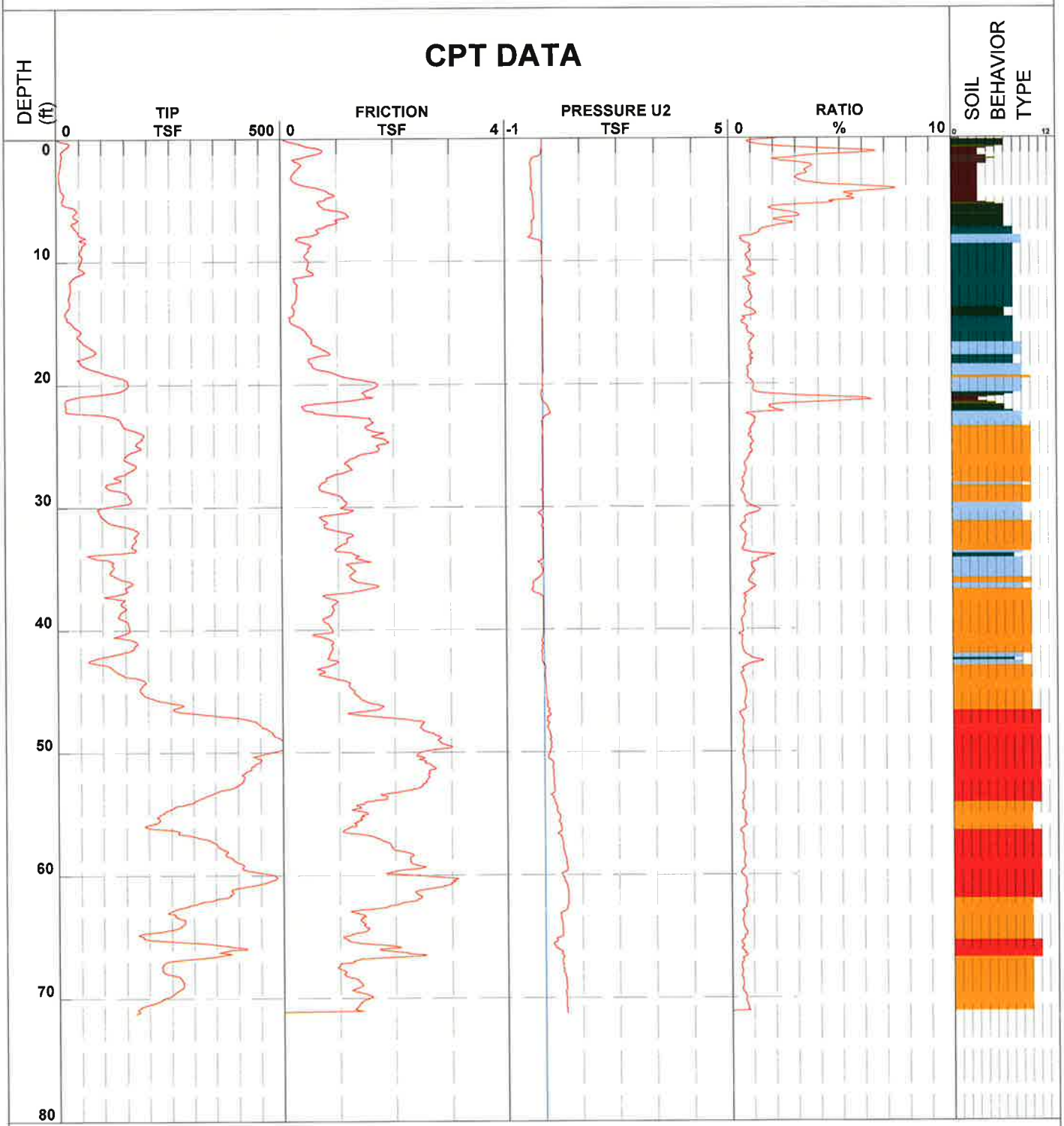

■ 1 - sensitive fine grained ■ 4 - silty clay to clay ■ 7 - silty sand to sandy silt ■ 10 - gravelly sand to sand

■ 2 - organic material ■ 5 - clayey silt to silty clay ■ 8 - sand to silty sand ■ 11 - very stiff fine grained (*)

■ 3 - clay ■ 6 - sandy silt to clayey silt ■ 9 - sand ■ 12 - sand to clayey sand (*)

Robertson et al. 1986 * Overconsolidated or Cemented

Job Number 04.1913-0025 CPT Number ROST-33 Location Roxana, Illinois

Operator Robert Biehle Date and T 09-May-2013 08:37:10 Cone Number F7.5CKE2HAW21165

Client URS Corporation

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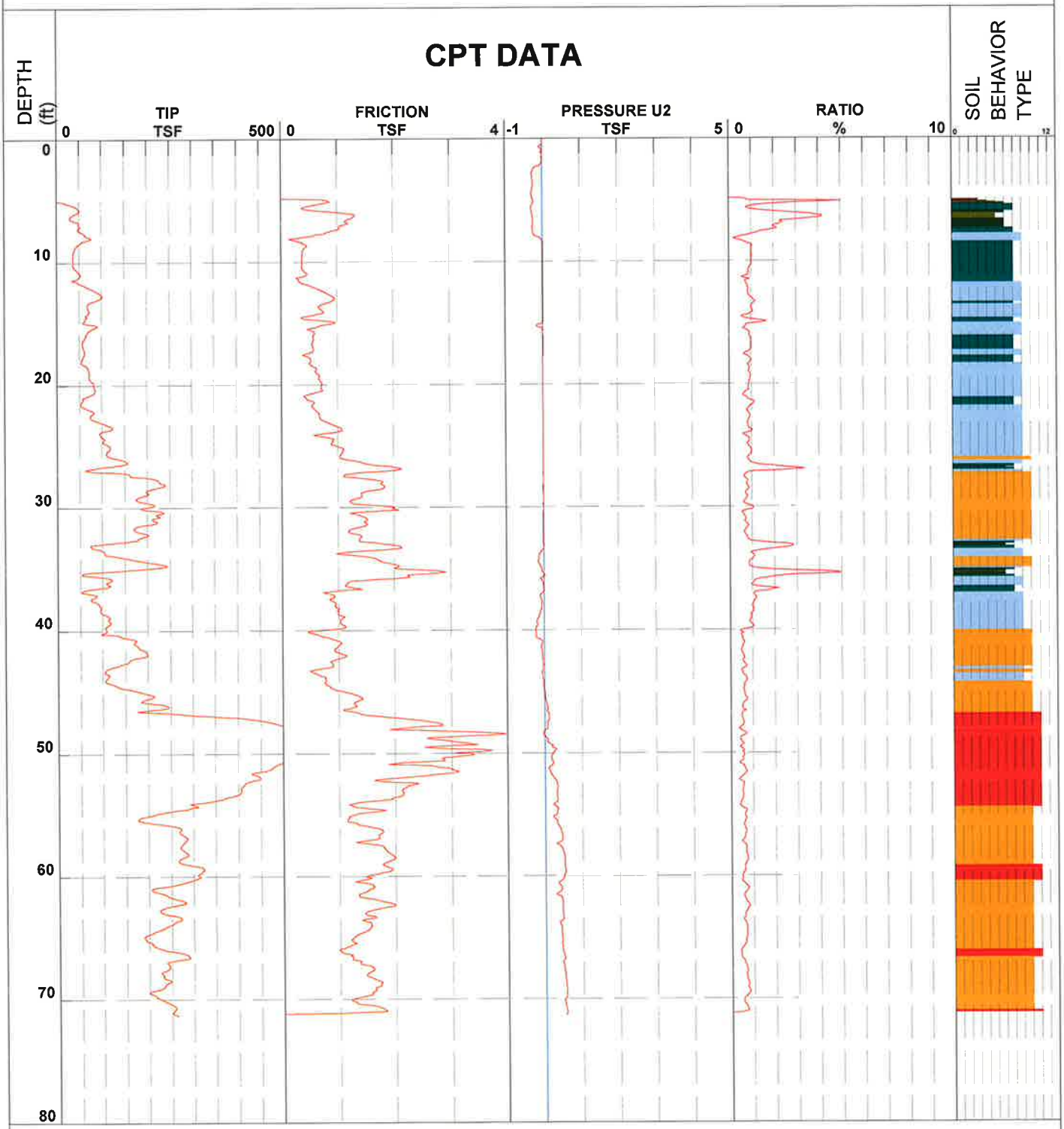

■ 1 - sensitive fine grained ■ 4 - silty clay to clay ■ 7 - silty sand to sandy silt ■ 10 - gravelly sand to sand

■ 2 - organic material ■ 5 - clayey silt to silty clay ■ 8 - sand to silty sand ■ 11 - very stiff fine grained (*)

■ 3 - clay ■ 6 - sandy silt to clayey silt ■ 9 - sand ■ 12 - sand to clayey sand (*)

Robertson et al. 1986 * Overconsolidated or Cemented

Job Number 04.1913-0025 CPT Number ROST-34 Location Roxana, Illinois

Operator Robert Biehle Date and T 08-May-2013 14:02:55 Cone Number F7.5CKE2HAW21165

Client URS Corporation

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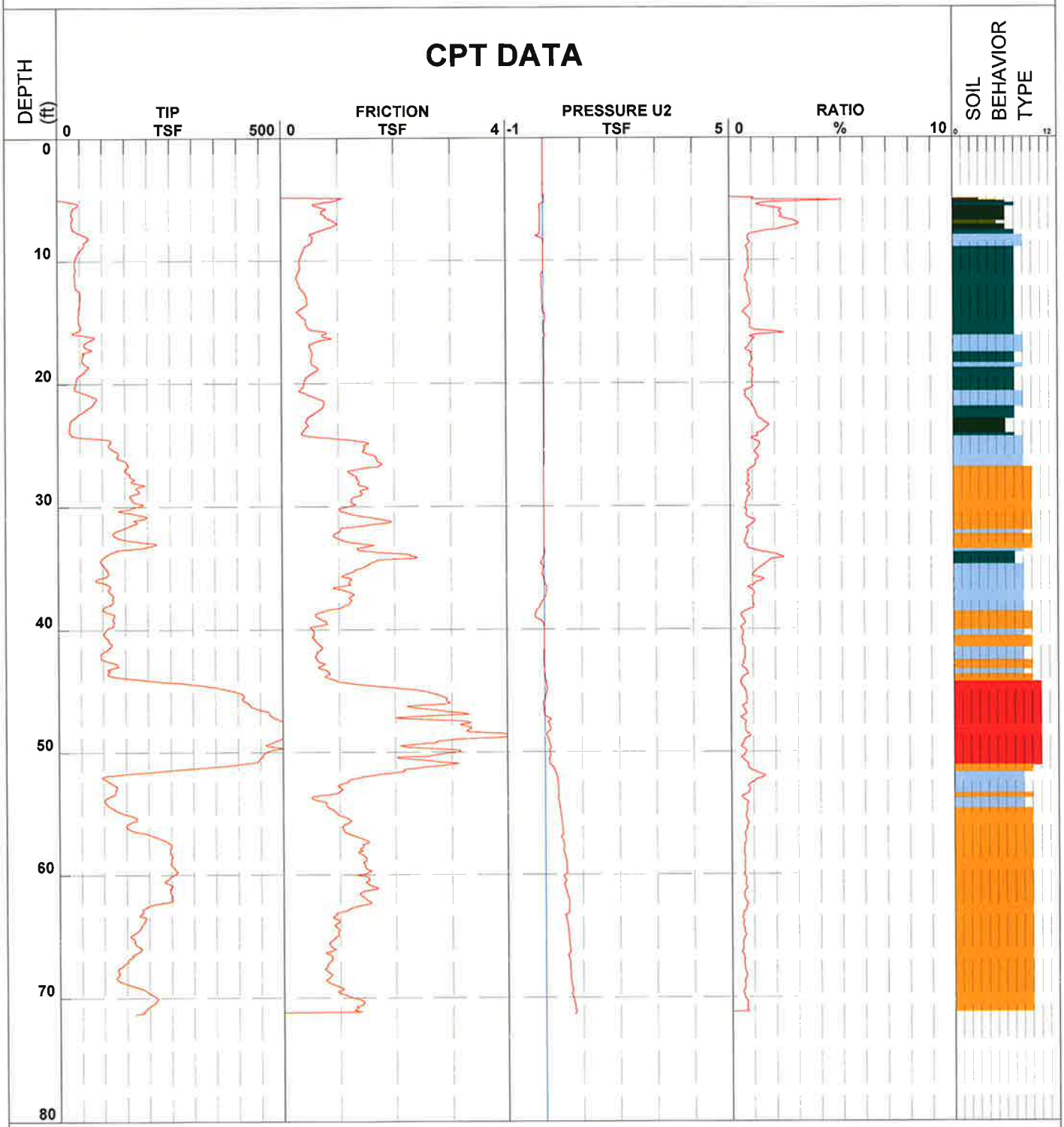

■ 1 - sensitive fine grained ■ 4 - silty clay to clay ■ 7 - silty sand to sandy silt ■ 10 - gravelly sand to sand

■ 2 - organic material ■ 5 - clayey silt to silty clay ■ 8 - sand to silty sand ■ 11 - very stiff fine grained (*)

■ 3 - clay ■ 6 - sandy silt to clayey silt ■ 9 - sand ■ 12 - sand to clayey sand (*)

Robertson et al. 1986 * Overconsolidated or Cemented

Job Number 04.1913-0025 CPT Number ROST-35 Location Roxana, Illinois

Operator Robert Biehle Date and T 08-May-2013 10:41:49 Cone Number F7.5CKE2HAW21165

Client URS Corporation

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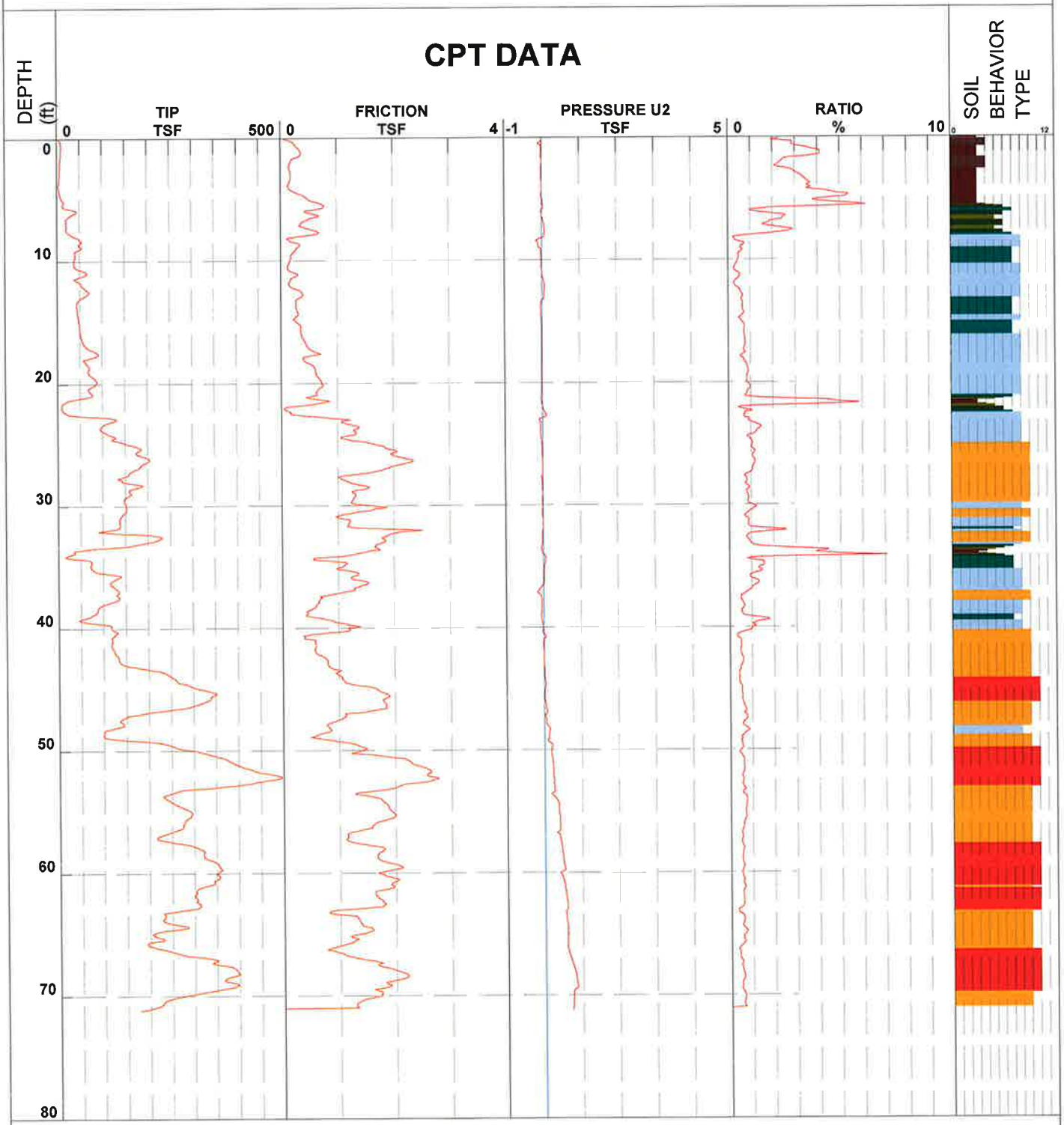


■ 1 - sensitive fine grained ■ 4 - silty clay to clay ■ 7 - silty sand to sandy silt ■ 10 - gravelly sand to sand

■ 2 - organic material ■ 5 - clayey silt to silty clay ■ 8 - sand to silty sand ■ 11 - very stiff fine grained (*)

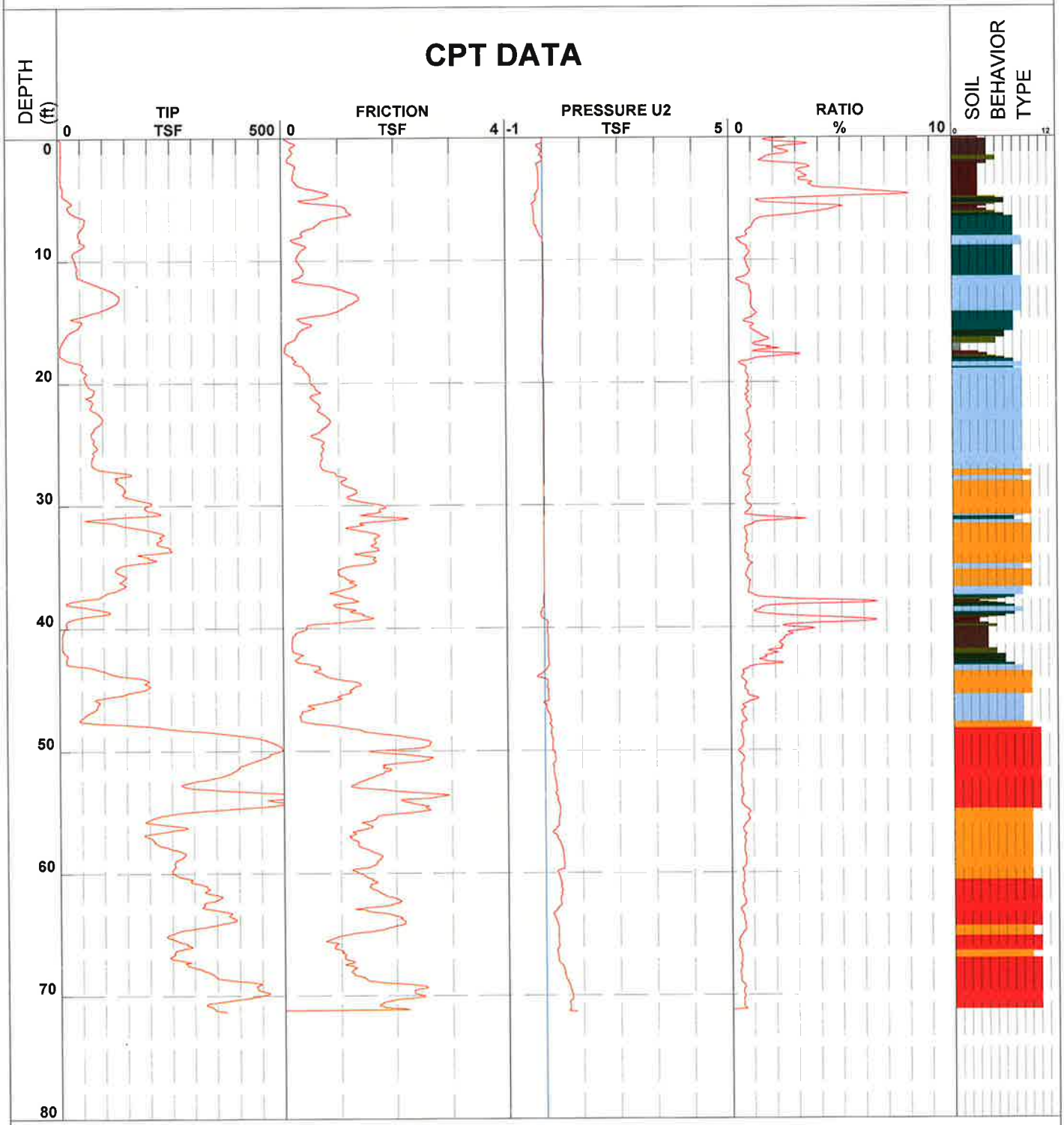
■ 3 - clay ■ 6 - sandy silt to clayey silt ■ 9 - sand ■ 12 - sand to clayey sand (*)

Robertson et al. 1986 * Overconsolidated or Cemented

Job Number 04.1913-0025 CPT Number ROST-36 Location Roxana, Illinois

Operator Robert Biehle Date and T 08-May-2013 15:37:50 Cone Number F7.5CKE2HAW21165

Client URS Corporation



■ 1 - sensitive fine grained ■ 4 - silty clay to clay ■ 7 - silty sand to sandy silt ■ 10 - gravelly sand to sand

■ 2 - organic material ■ 5 - clayey silt to silty clay ■ 8 - sand to silty sand ■ 11 - very stiff fine grained (*)

■ 3 - clay ■ 6 - sandy silt to clayey silt ■ 9 - sand ■ 12 - sand to clayey sand (*)

Robertson et al. 1986 * Overconsolidated or Cemented

Job Number 04.1913-0025 CPT Number ROST-37 Location Roxana, Illinois

Operator Robert Biehle Date and T 08-May-2013 12:06:18 Cone Number F7.5CKE2HAW21165

Client URS Corporation

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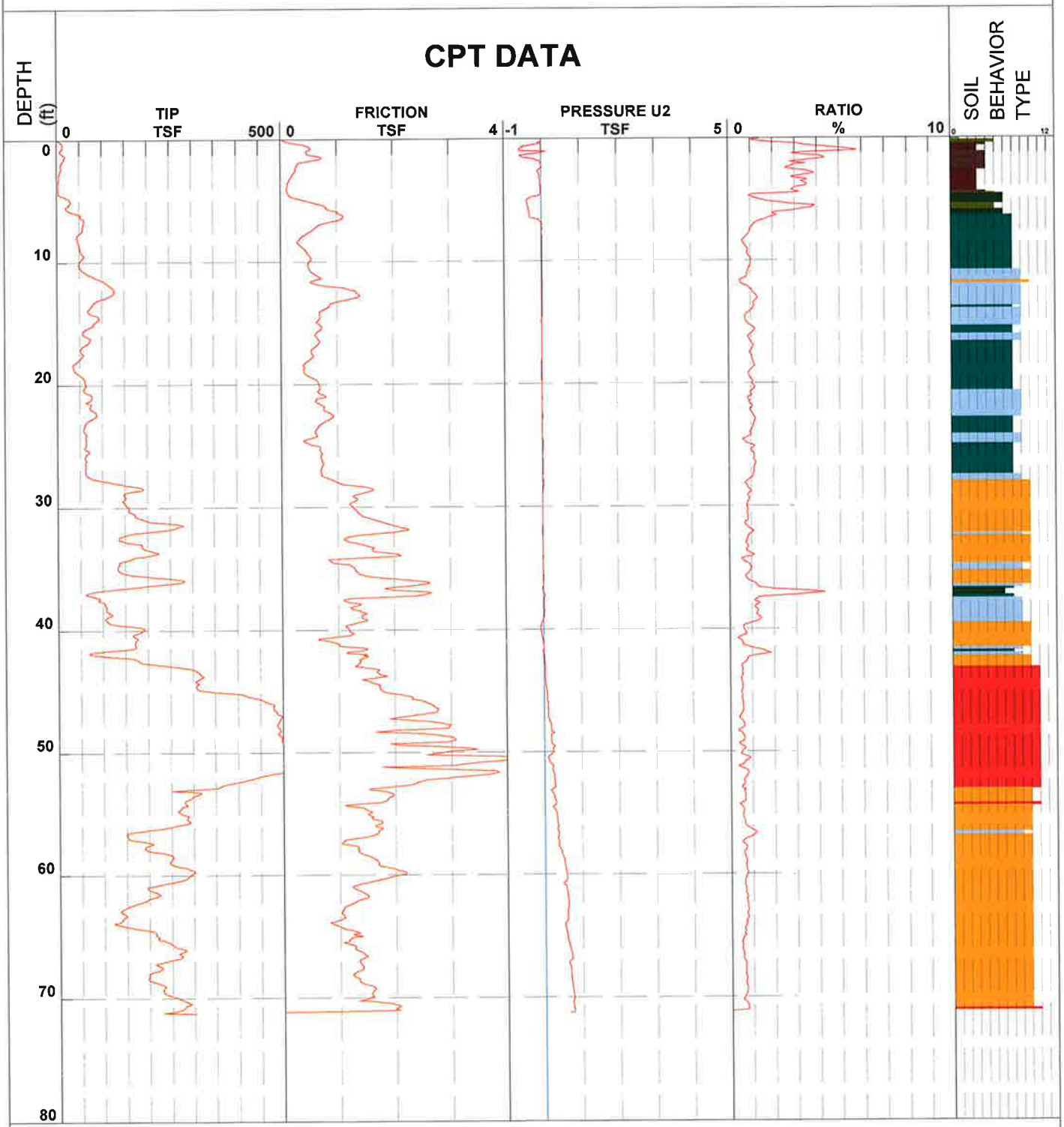

■ 1 - sensitive fine grained ■ 4 - silty clay to clay ■ 7 - silty sand to sandy silt ■ 10 - gravelly sand to sand

■ 2 - organic material ■ 5 - clayey silt to silty clay ■ 8 - sand to silty sand ■ 11 - very stiff fine grained (*)

■ 3 - clay ■ 6 - sandy silt to clayey silt ■ 9 - sand ■ 12 - sand to clayey sand (*)

Robertson et al. 1986 * Overconsolidated or Cemented

Job Number 04.1913-0025 CPT Number ROST-38 Location Roxana, Illinois

Operator Robert Biehle Date and T 10-May-2013 08:24:59 Cone Number F7.5CKE2HAW21165

Client URS Corporation

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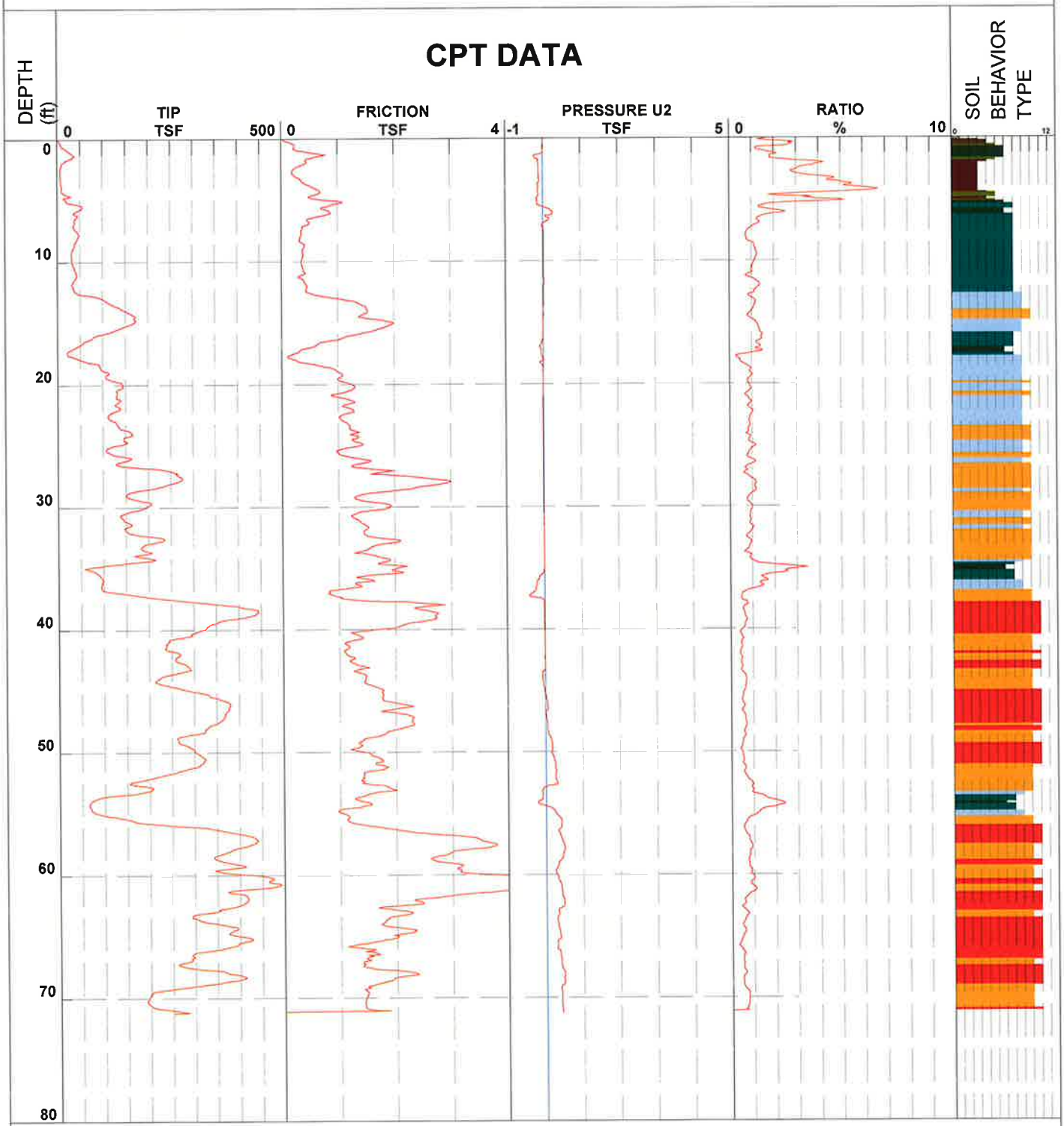


■ 1 - sensitive fine grained ■ 4 - silty clay to clay ■ 7 - silty sand to sandy silt ■ 10 - gravelly sand to sand

■ 2 - organic material ■ 5 - clayey silt to silty clay ■ 8 - sand to silty sand ■ 11 - very stiff fine grained (*)

■ 3 - clay ■ 6 - sandy silt to clayey silt ■ 9 - sand ■ 12 - sand to clayey sand (*)

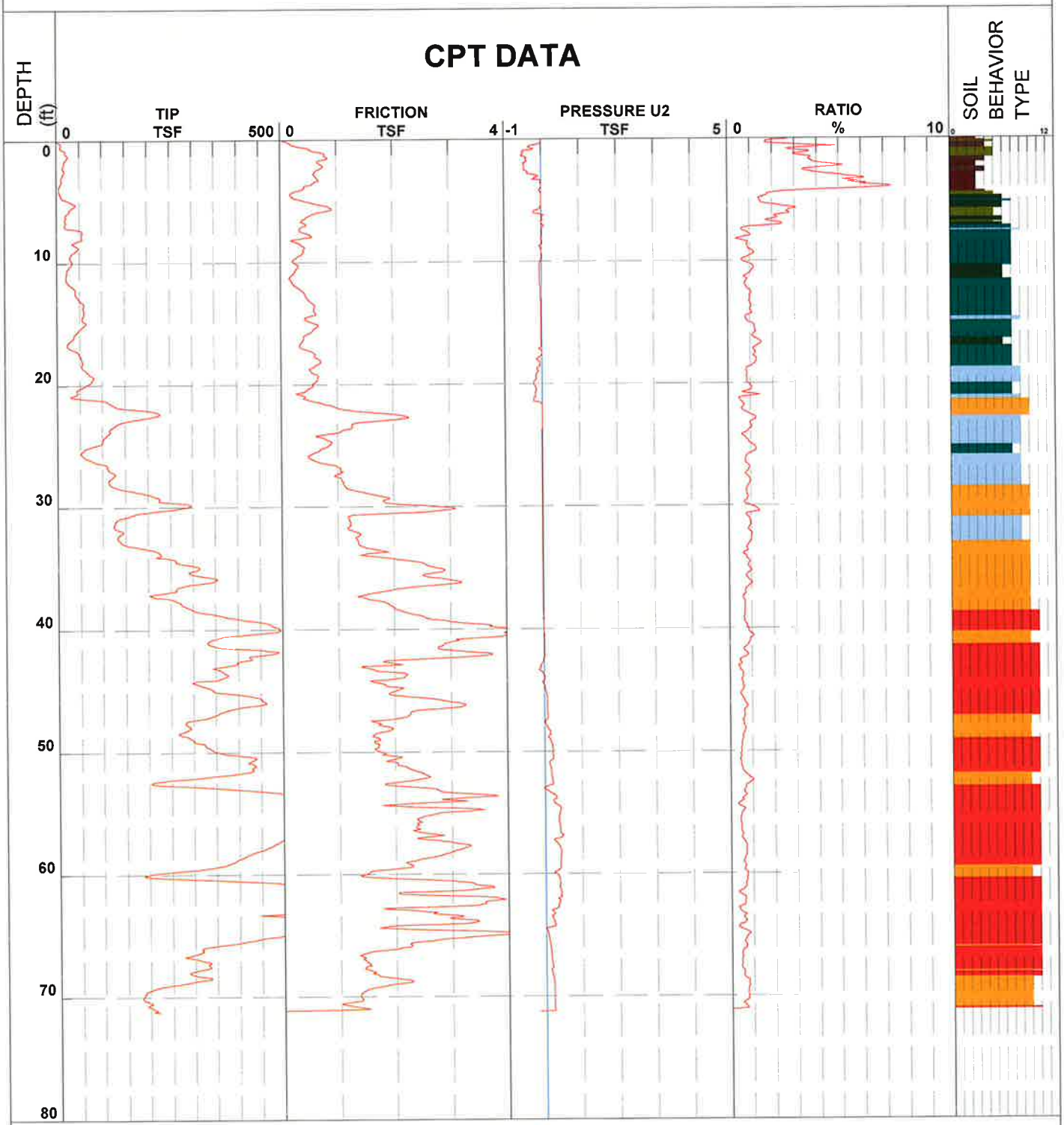
Robertson et al. 1986 * Overconsolidated or Cemented

Job Number 04.1913-0025 CPT Number ROST-39 Location Roxana, Illinois

Operator Robert Biehle Date and T 10-May-2013 09:42:33 Cone Number F7.5CKE2HAW21165

Client URS Corporation

CPT DATA



■ 1 - sensitive fine grained ■ 4 - silty clay to clay ■ 7 - silty sand to sandy silt ■ 10 - gravelly sand to sand

■ 2 - organic material ■ 5 - clayey silt to silty clay ▨ 8 - sand to silty sand ■ 11 - very stiff fine grained (*)

■ 3 - clay ■ 6 - sandy silt to clayey silt ■ 9 - sand ■ 12 - sand to clayey sand (*)

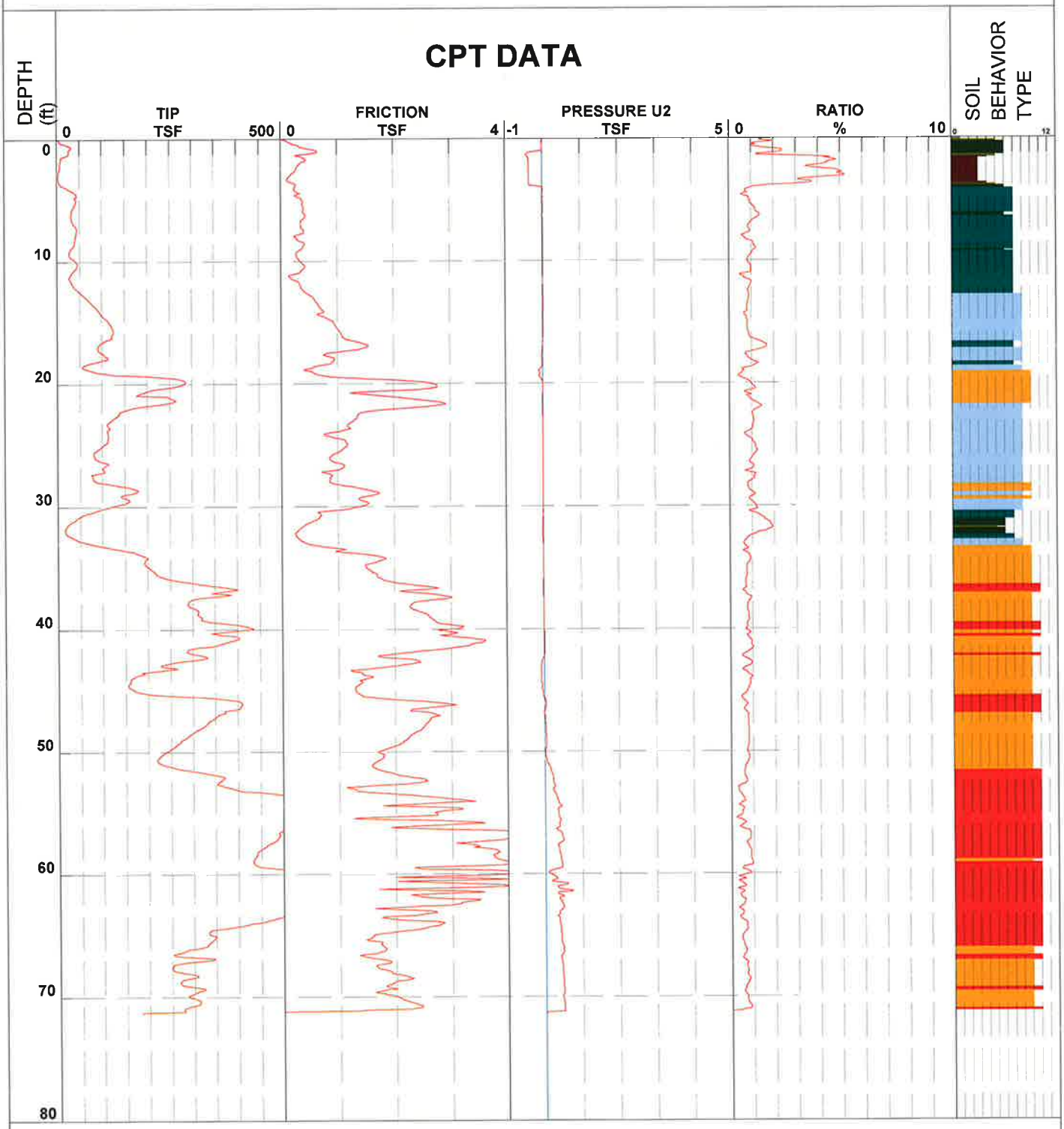
Robertson et al. 1986 * Overconsolidated or Cemented

Job Number 04.1913-0025 CPT Number ROST-40 Location Roxana, Illinois

Operator Robert Biehle Date and T 09-May-2013 14:43:51 Cone Number F7.5CKE2HAW21165

Client URS Corporation

CPT DATA



■ 1 - sensitive fine grained ■ 4 - silty clay to clay ■ 7 - silty sand to sandy silt ■ 10 - gravelly sand to sand

■ 2 - organic material ■ 5 - clayey silt to silty clay ■ 8 - sand to silty sand ■ 11 - very stiff fine grained (*)

■ 3 - clay ■ 6 - sandy silt to clayey silt ■ 9 - sand ■ 12 - sand to clayey sand (*)

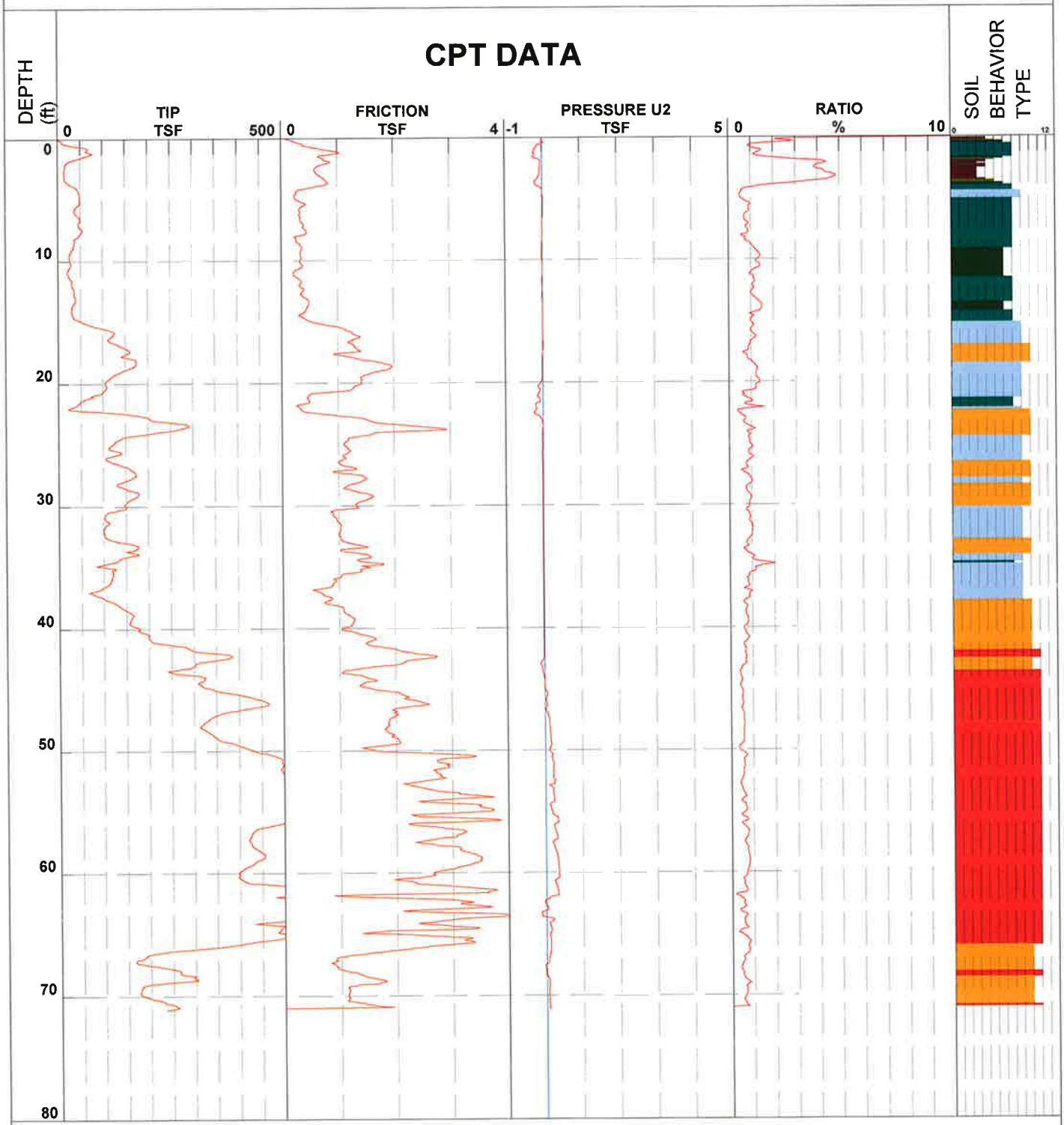
Robertson et al. 1986 * Overconsolidated or Cemented

Job Number 04.1913-0025 CPT Number ROST-41 Location Roxana, Illinois

Operator Robert Biehle Date and T 10-May-2013 11:30:17 Cone Number F7.5CKE2HAW21165

Client URS Corporation

CPT DATA



■ 1 - sensitive fine grained ■ 4 - silty clay to clay ■ 7 - silty sand to sandy silt ■ 10 - gravelly sand to sand

■ 2 - organic material ■ 5 - clayey silt to silty clay ■ 8 - sand to silty sand ■ 11 - very stiff fine grained (*)

■ 3 - clay ■ 6 - sandy silt to clayey silt ■ 9 - sand ■ 12 - sand to clayey sand (*)

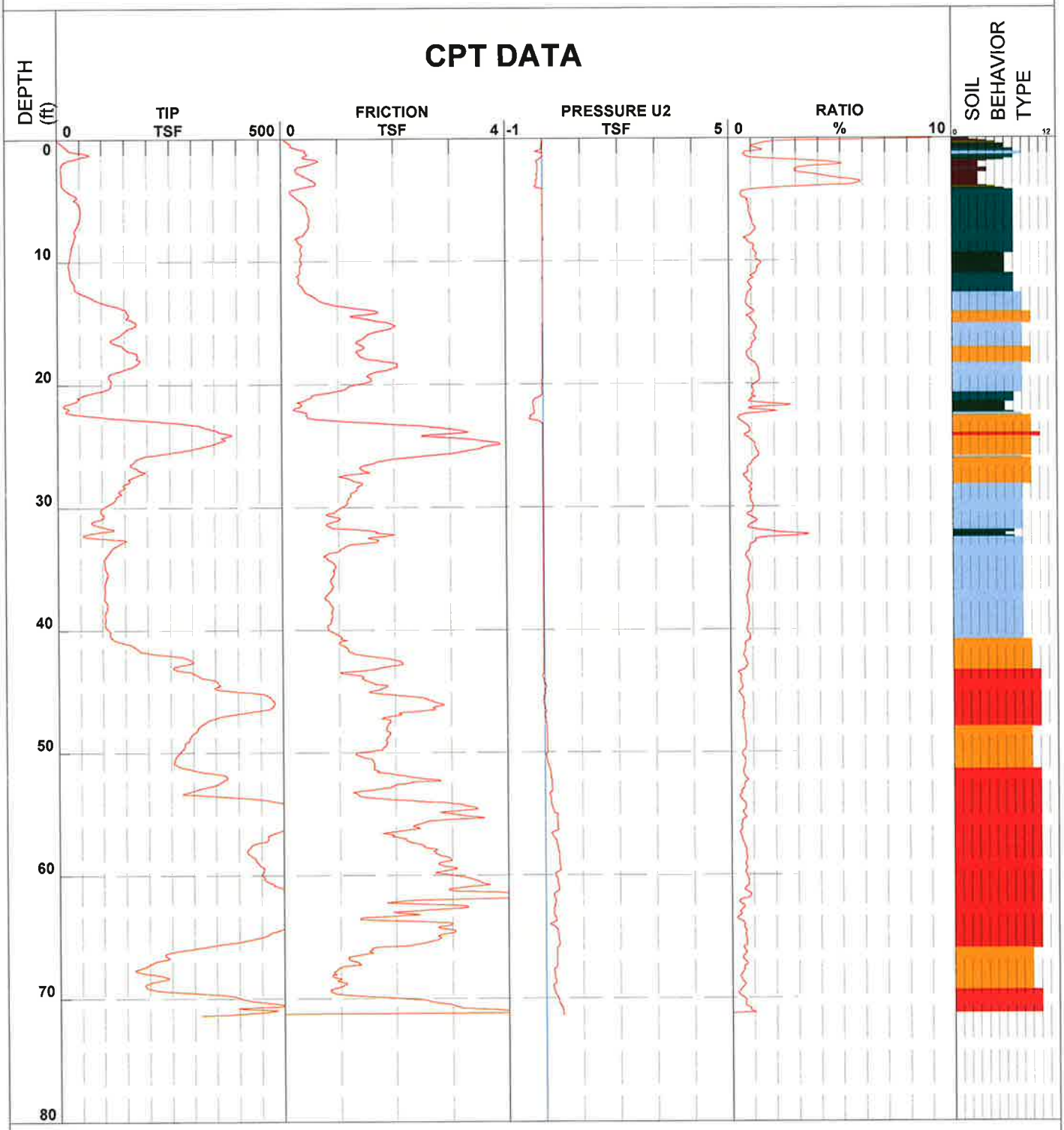
Robertson et al. 1986 * Overconsolidated or Cemented

Job Number 04.1913-0025 CPT Number ROST-42 Location Roxana, Illinois

Operator Robert Biehle Date and T 09-May-2013 13:30:52 Cone Number F7.5CKE2HAW21165

Client URS Corporation

CPT DATA



■ 1 - sensitive fine grained ■ 4 - silty clay to clay ■ 7 - silty sand to sandy silt ■ 10 - gravelly sand to sand

■ 2 - organic material ■ 5 - clayey silt to silty clay ■ 8 - sand to silty sand ■ 11 - very stiff fine grained (*)

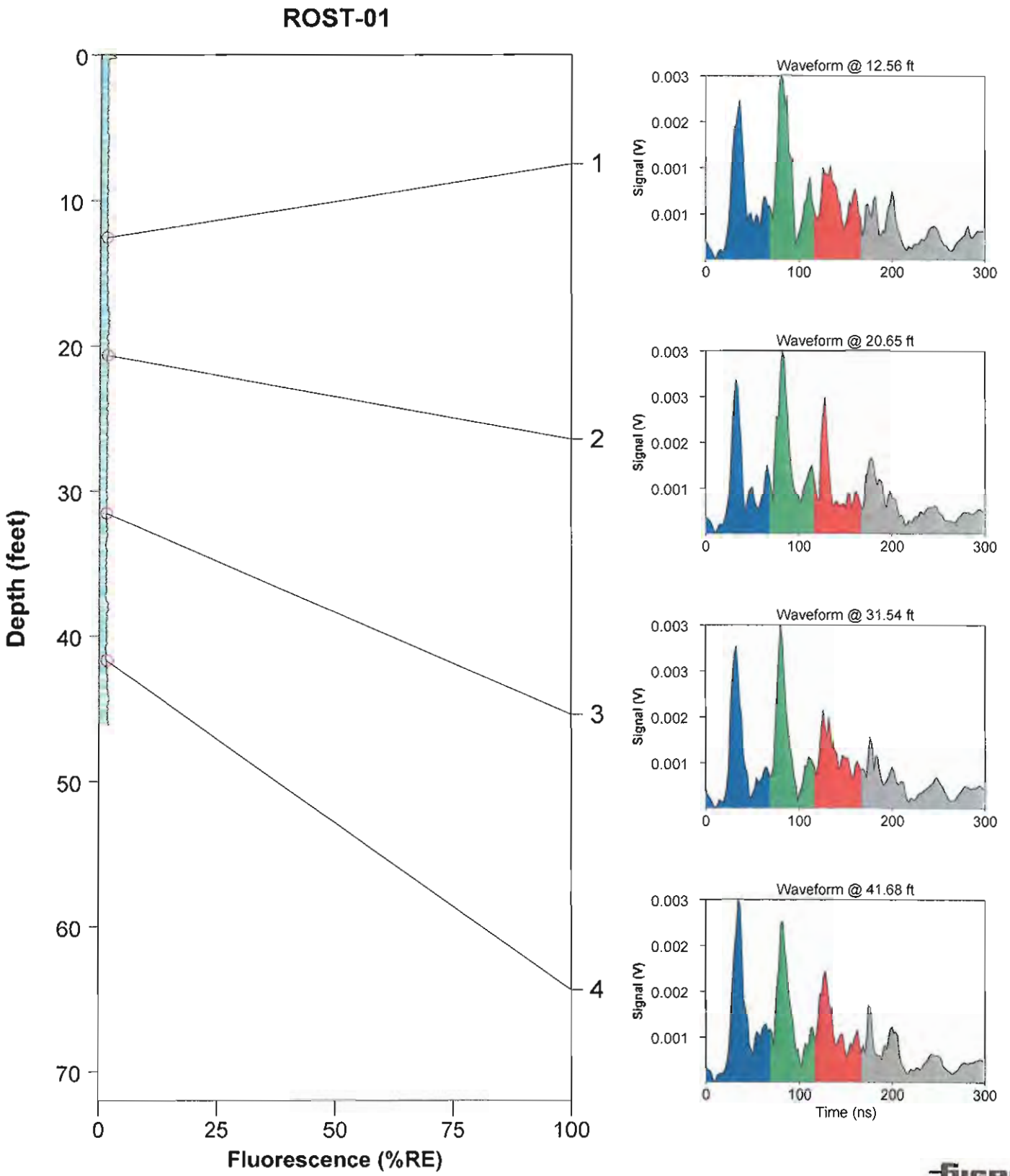
■ 3 - clay ■ 6 - sandy silt to clayey silt ■ 9 - sand ■ 12 - sand to clayey sand (*)

Robertson et al. 1986 * Overconsolidated or Cemented

Appendix 3-A. ROST™ Logs

ROST Fluorescence Response Data

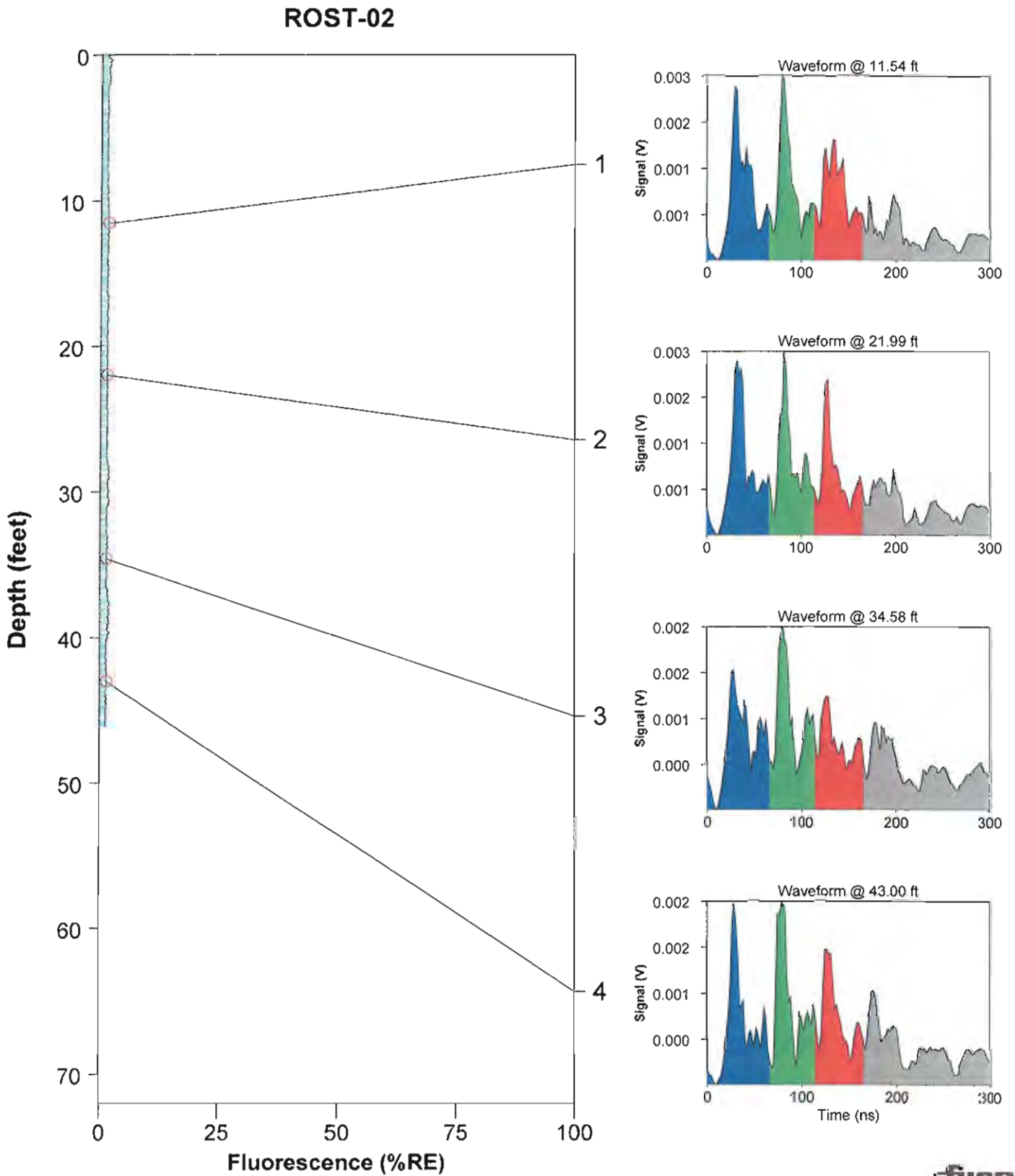
Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/26/2009 @ 8:39:27 AM	Max fluorescence: 3.27% @ 0.20 ft
ROST Unit: Houston	Final depth BGS: 46.10 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

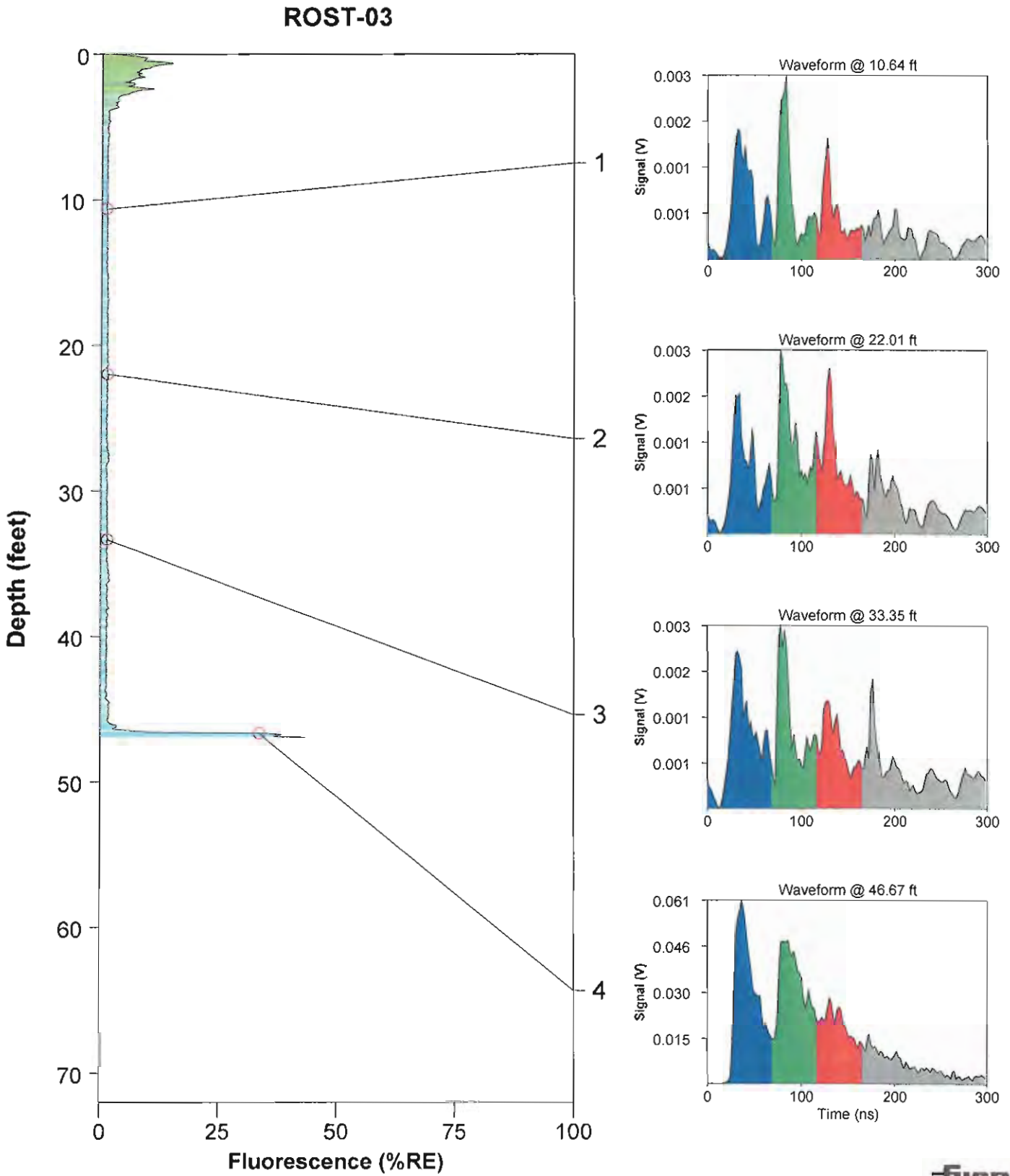
ROST Fluorescence Response Data

Site: Conoco-Roxana, IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/27/2009 @ 9:16:44 AM	Max fluorescence: 2.23% @ 0.35 ft
ROST Unit: Houston	Final depth BGS: 46.11 ft



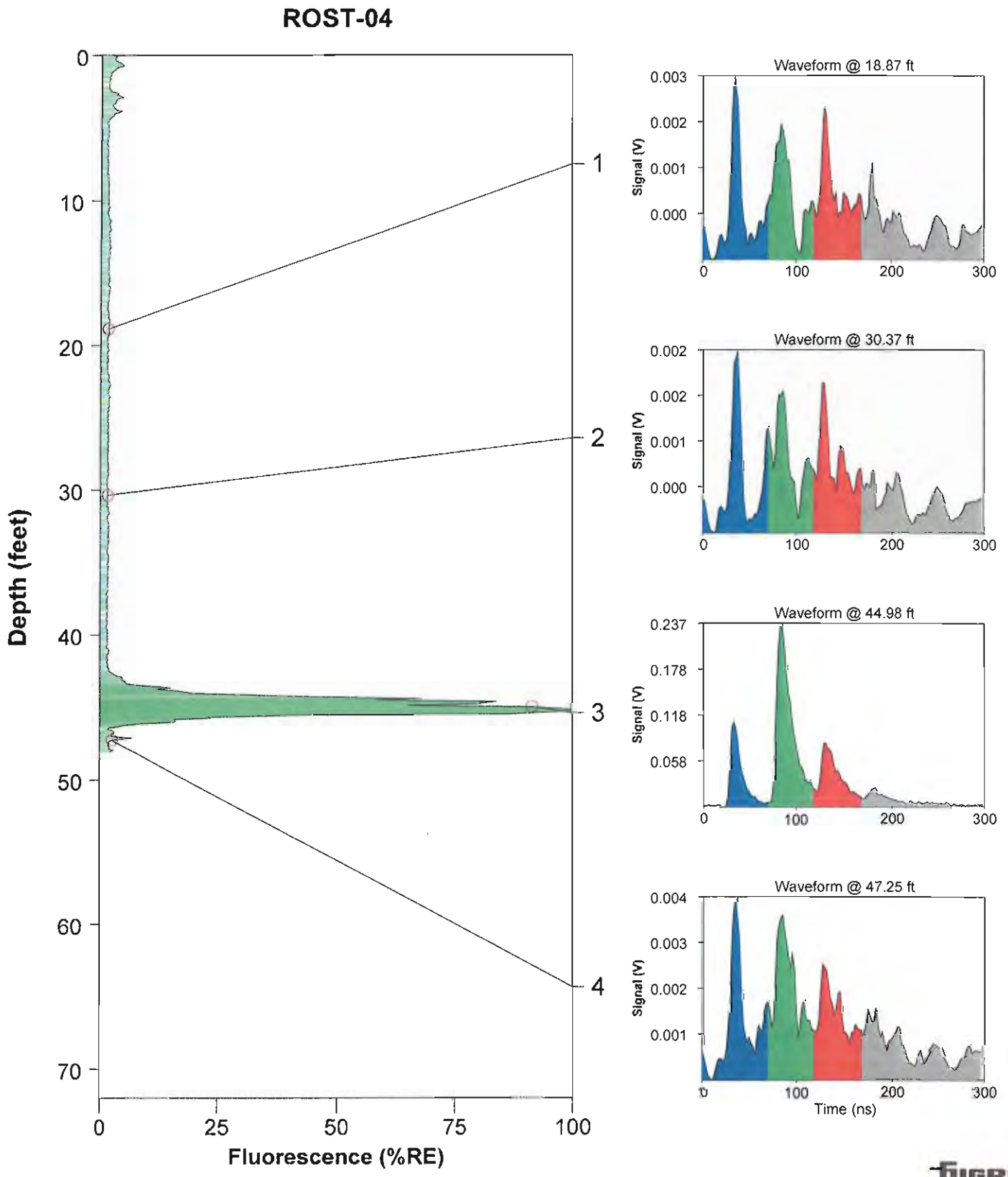
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/27/2009 @ 8:26:18 AM	Max fluorescence: 43.60% @ 46.93 ft
ROST Unit: Houston	Final depth BGS: 46.93 ft



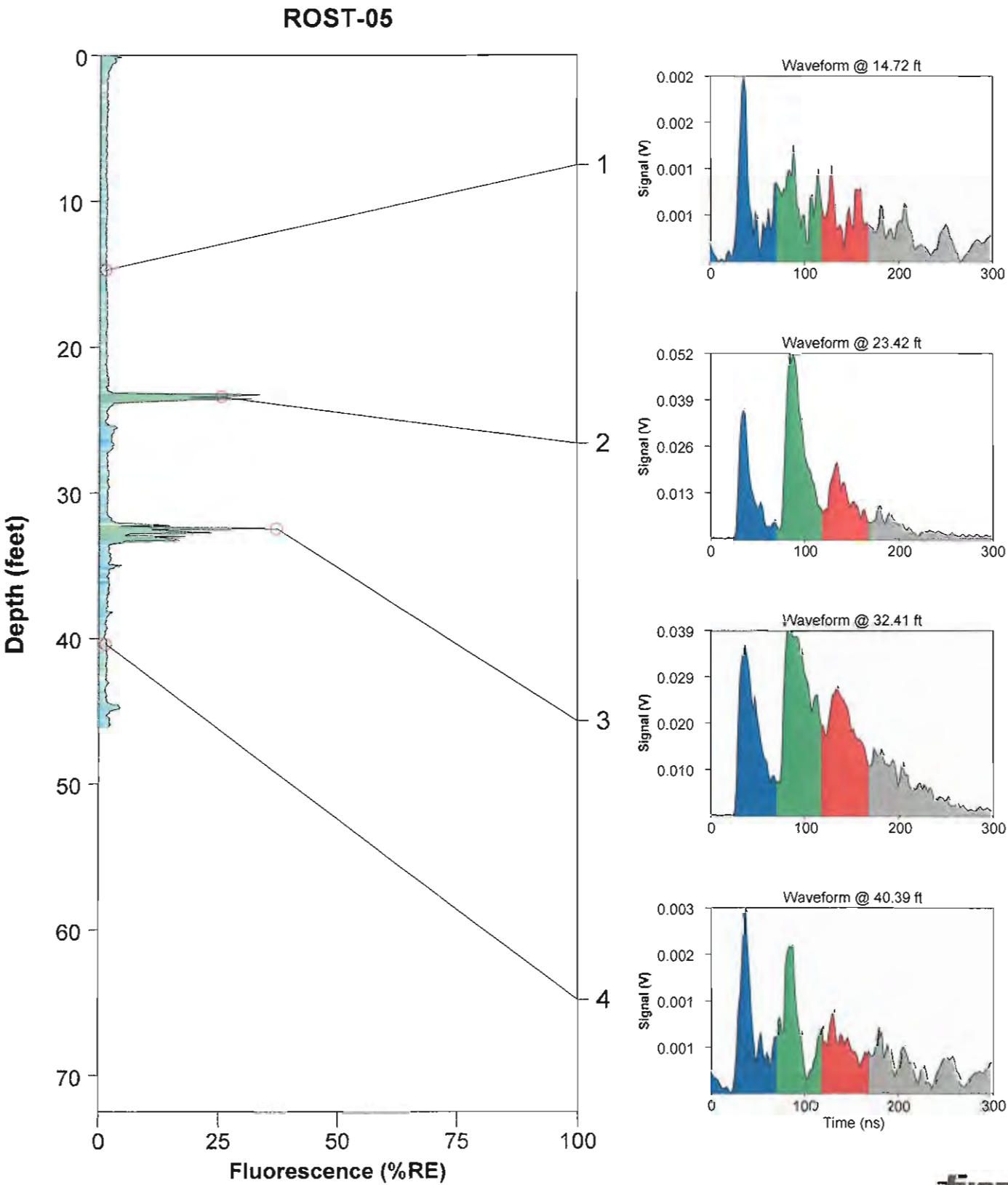
ROST Fluorescence Response Data

Site: Connoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/25/2009 @ 4:27:38 PM	Max fluorescence: 122.74% @ 45.27 ft
ROST Unit: Houston	Final depth BGS: 48.08 ft



ROST Fluorescence Response Data

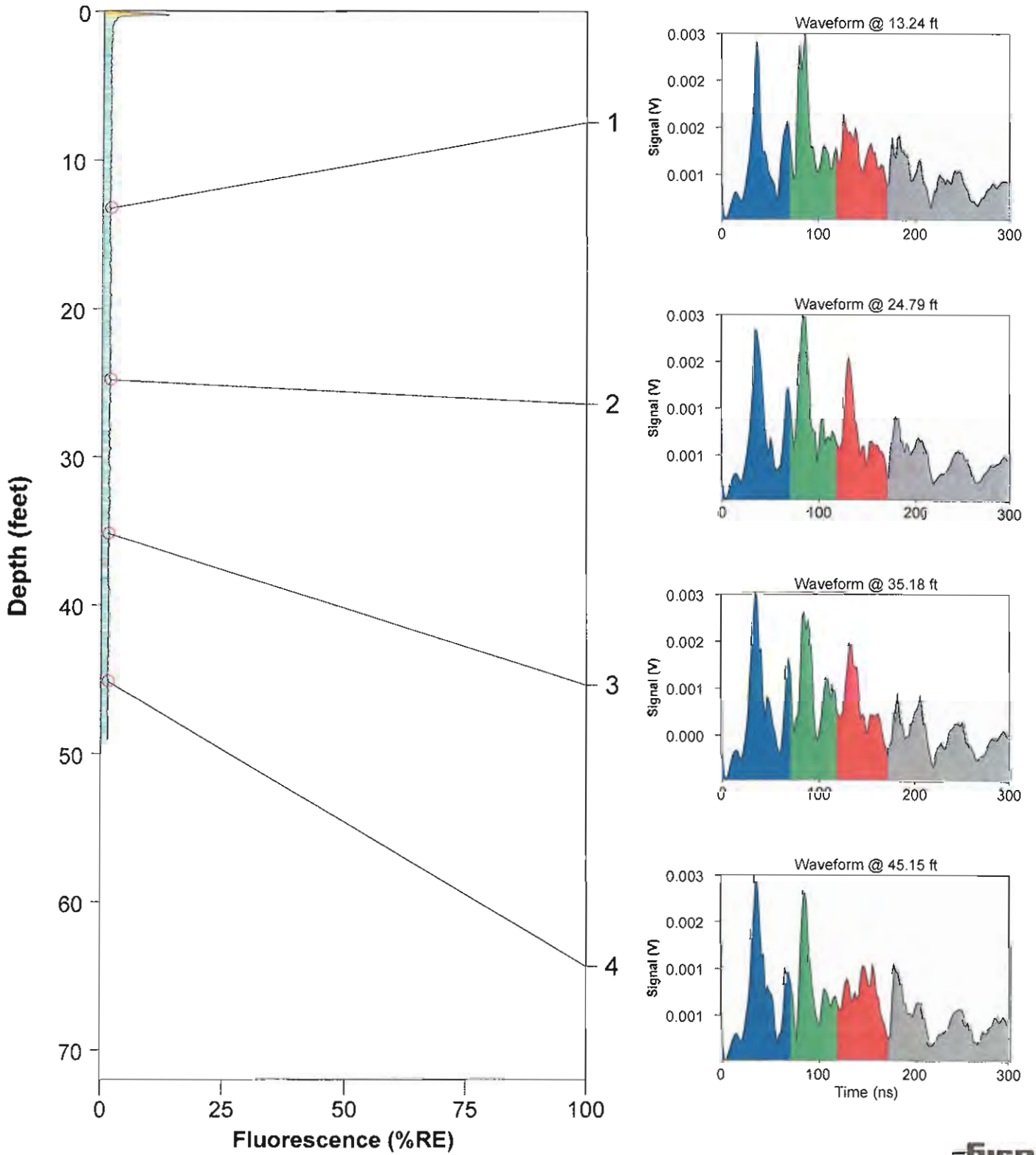
Site: Connoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/25/2009 @ 5:29:23 PM	Max fluorescence: 37.25% @ 32.41 ft
ROST Unit: Houston	Final depth BGS: 46.12 ft



ROST Fluorescence Response Data

Site: Connoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/28/2009 @ 8:14:37 AM	Max fluorescence: 13.37% @ 0.26 ft
ROST Unit: Houston	Final depth BGS: 49.05 ft

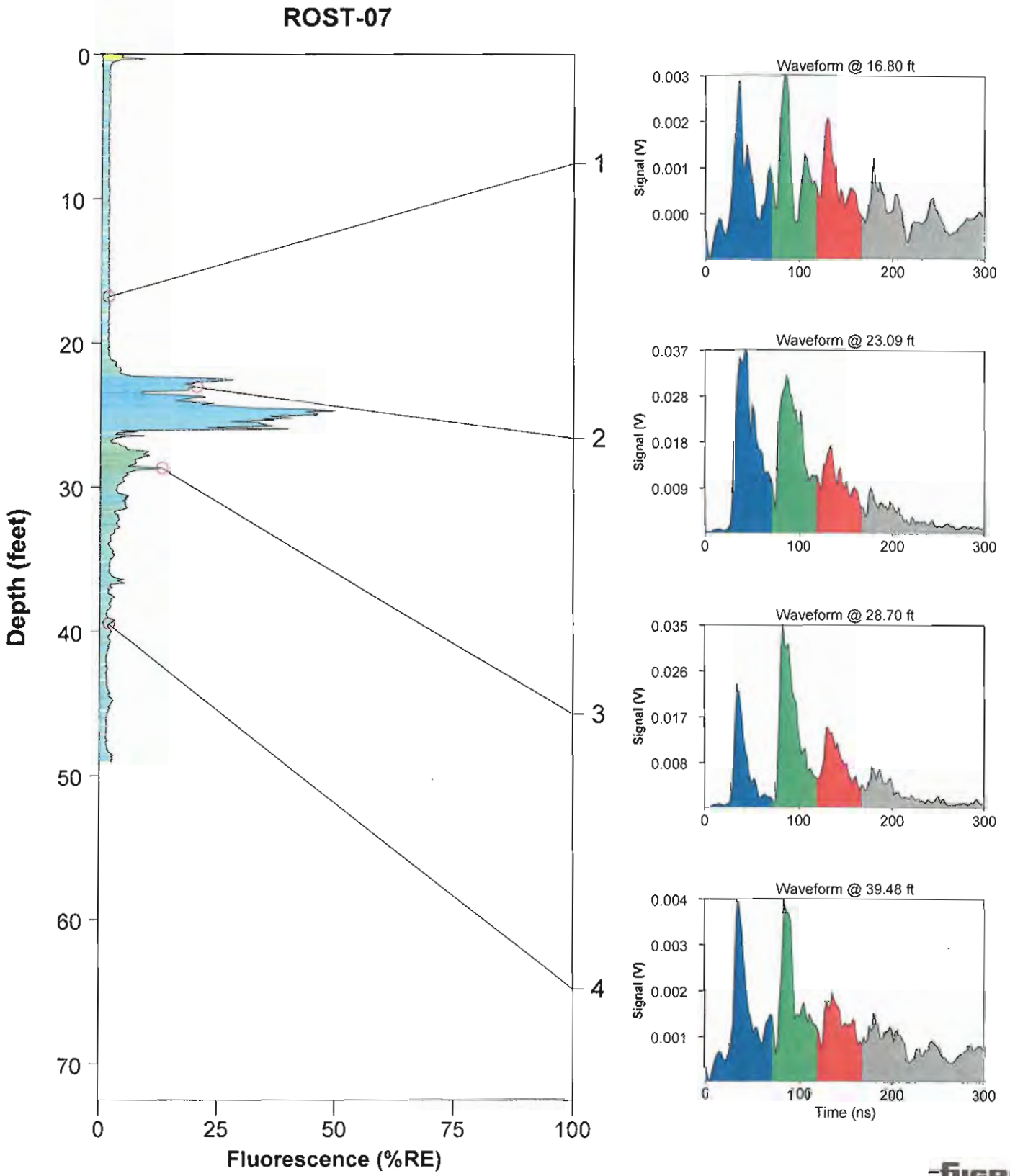
ROST-06



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

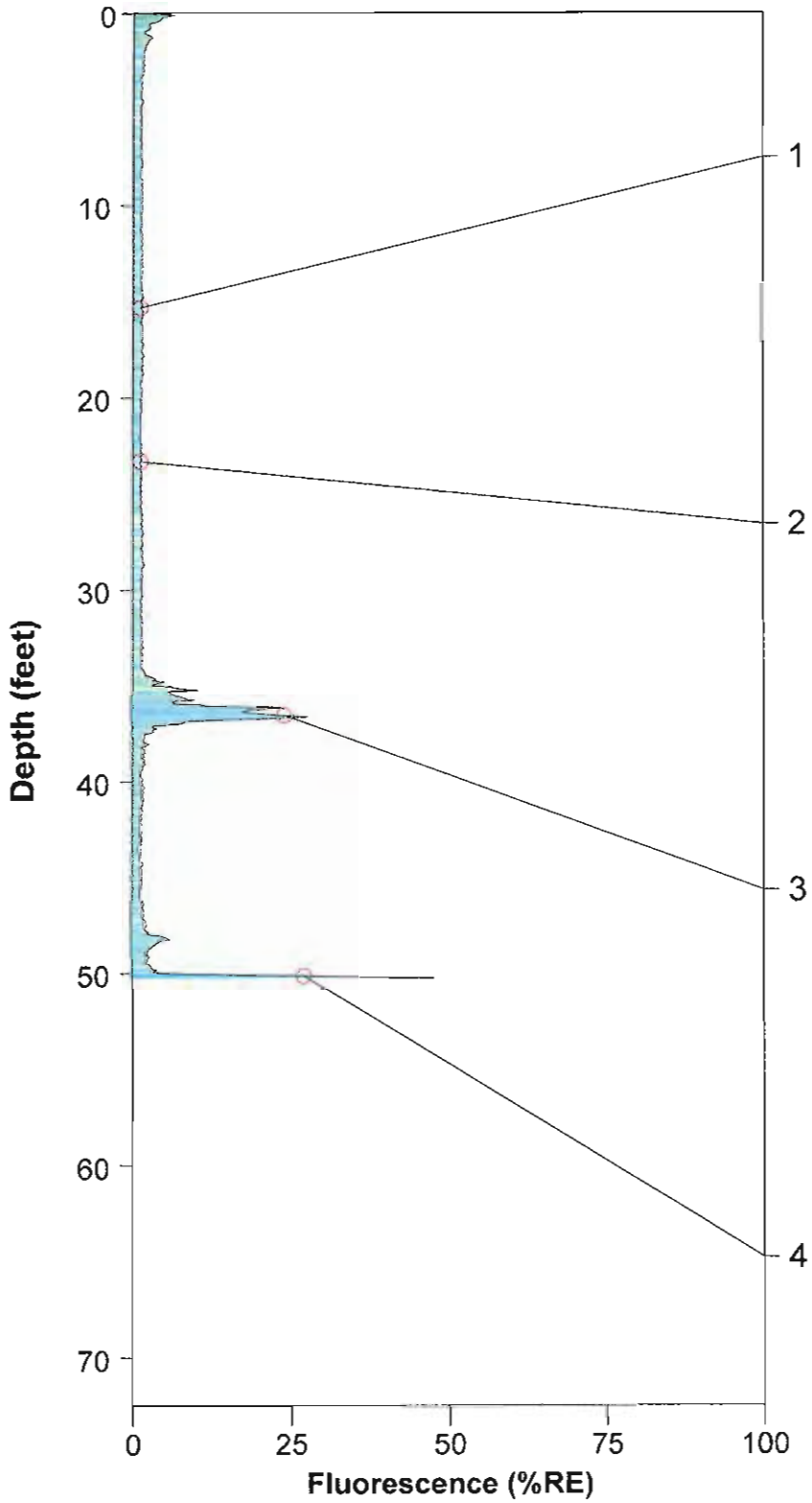
Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/28/2009 @ 8:59:51 AM	Max fluorescence: 49.79% @ 24.71 ft
ROST Unit: Houston	Final depth BGS: 49.05 ft

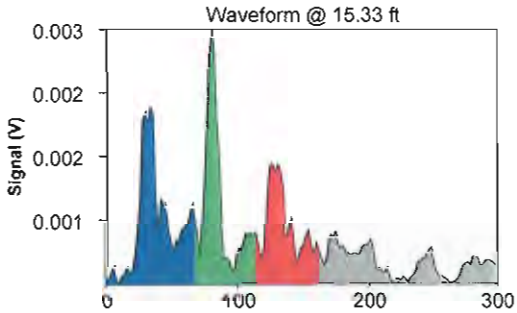


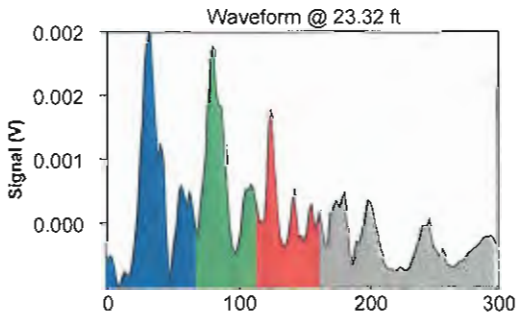
ROST Fluorescence Response Data

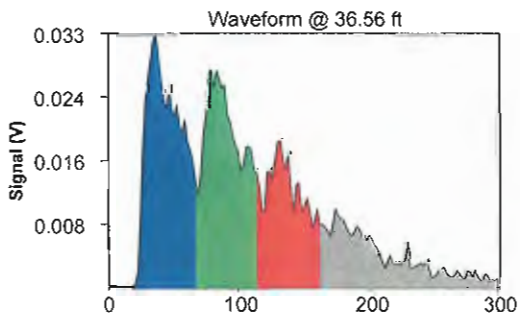
Site: Conoco-Roxanna,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/26/2009 @ 9:31:38 AM	Max fluorescence: 47.57% @ 50.27 ft
ROST Unit: Houston	Final depth BGS: 50.27 ft

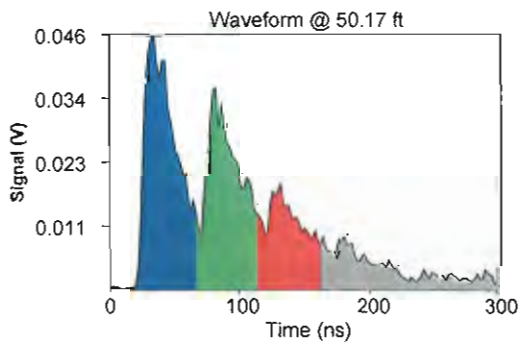
ROST-08





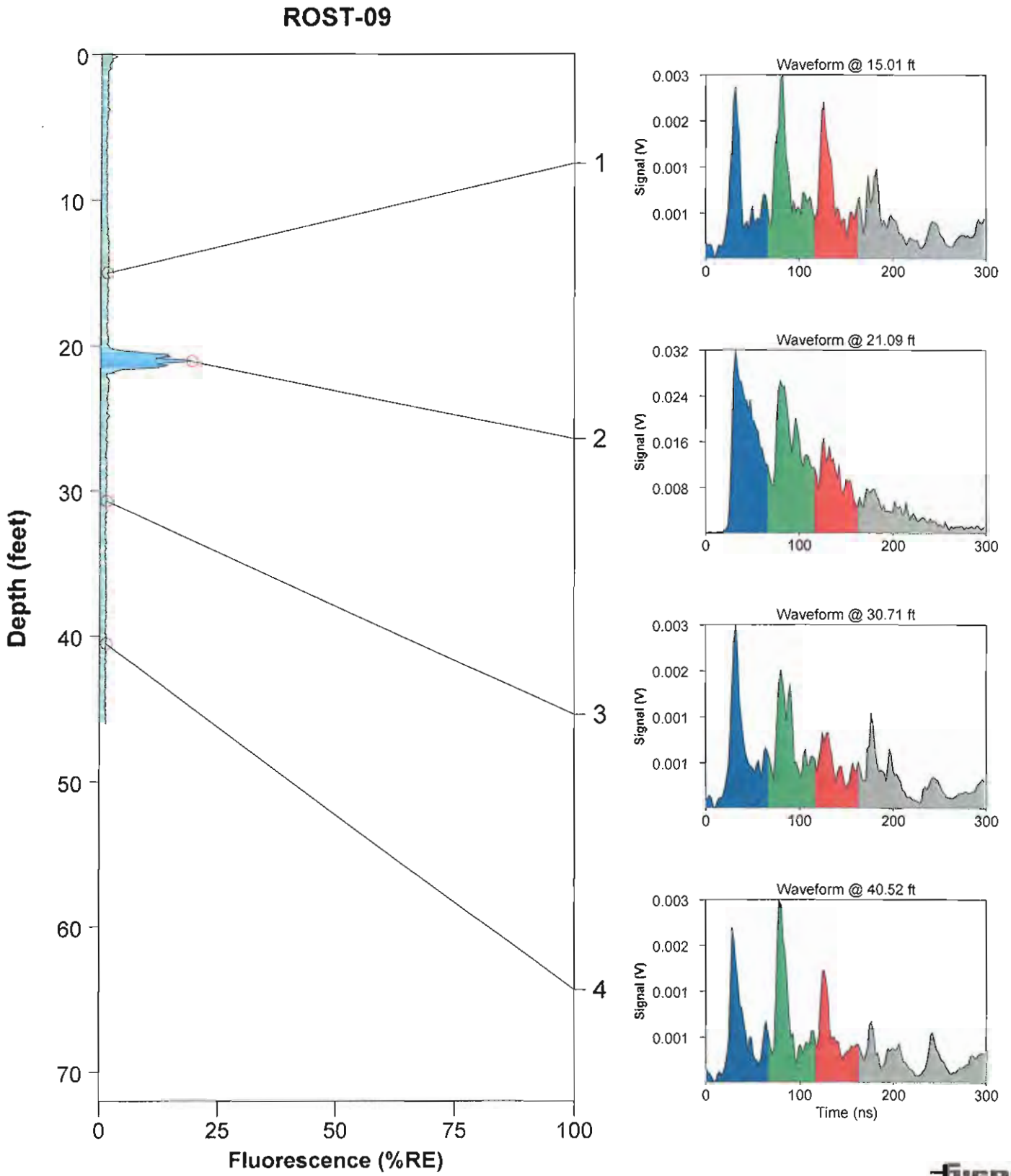






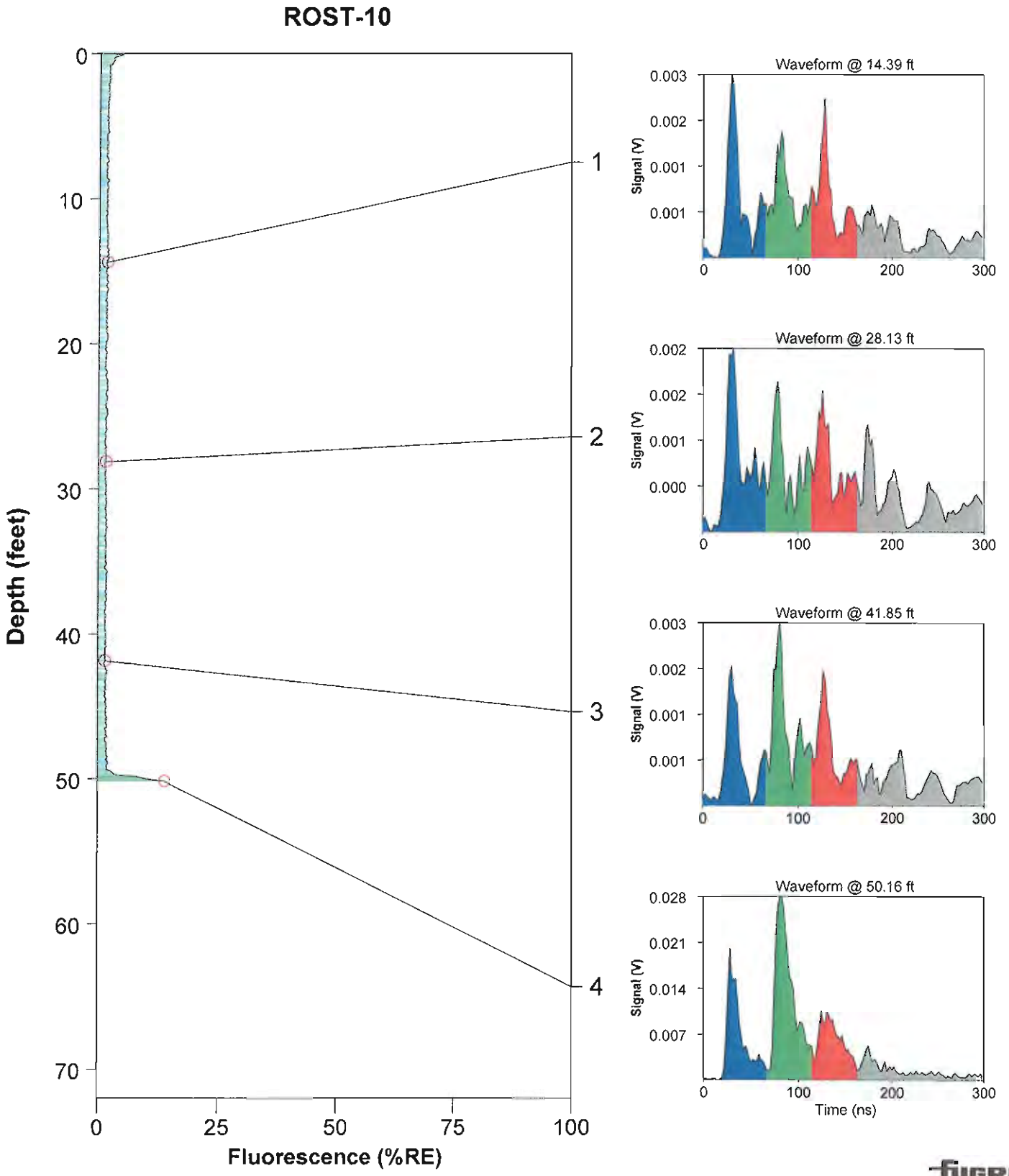
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/26/2009 @ 10:29:41 AM	Max fluorescence: 19.34% @ 21.09 ft
ROST Unit: Houston	Final depth BGS: 46.05 ft



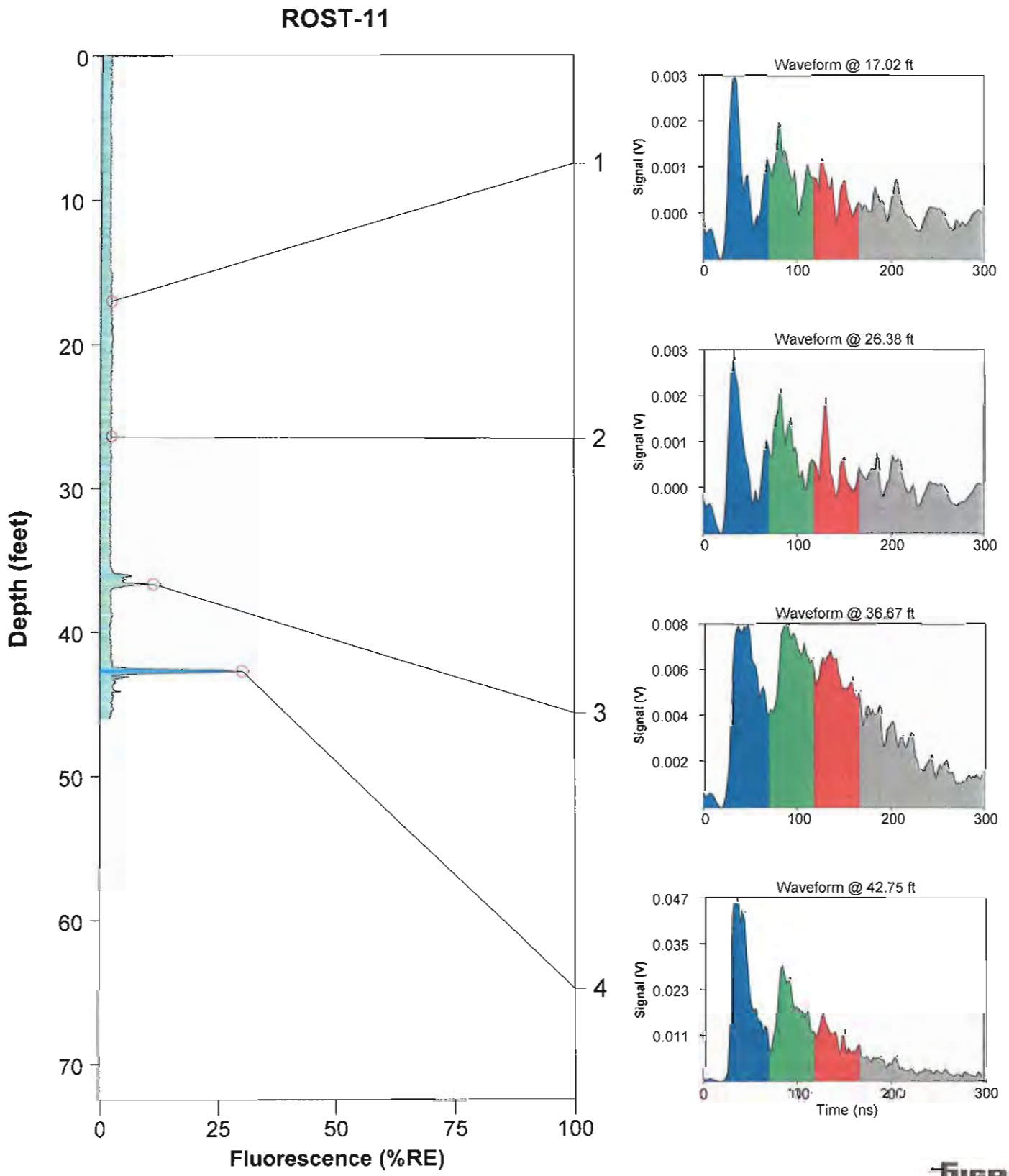
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/26/2009 @ 12:14:11 PM	Max fluorescence: 13.79% @ 50.16 ft
ROST Unit: Houston	Final depth BGS: 50.16 ft



ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/24/2009 @ 3:46:24 PM	Max fluorescence: 30.31% @ 42.75 ft
ROST Unit: Houston	Final depth BGS: 46.03 ft



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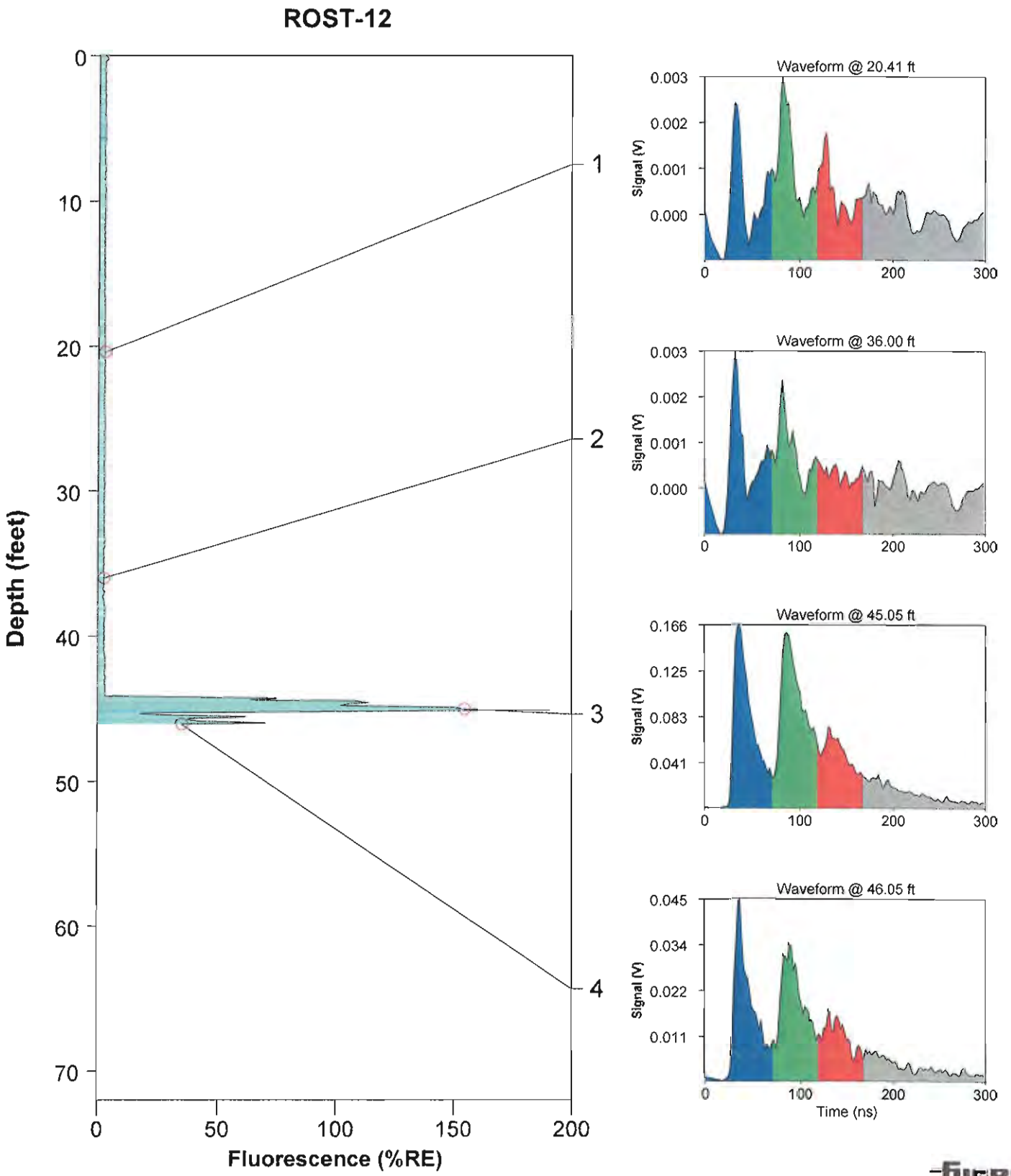
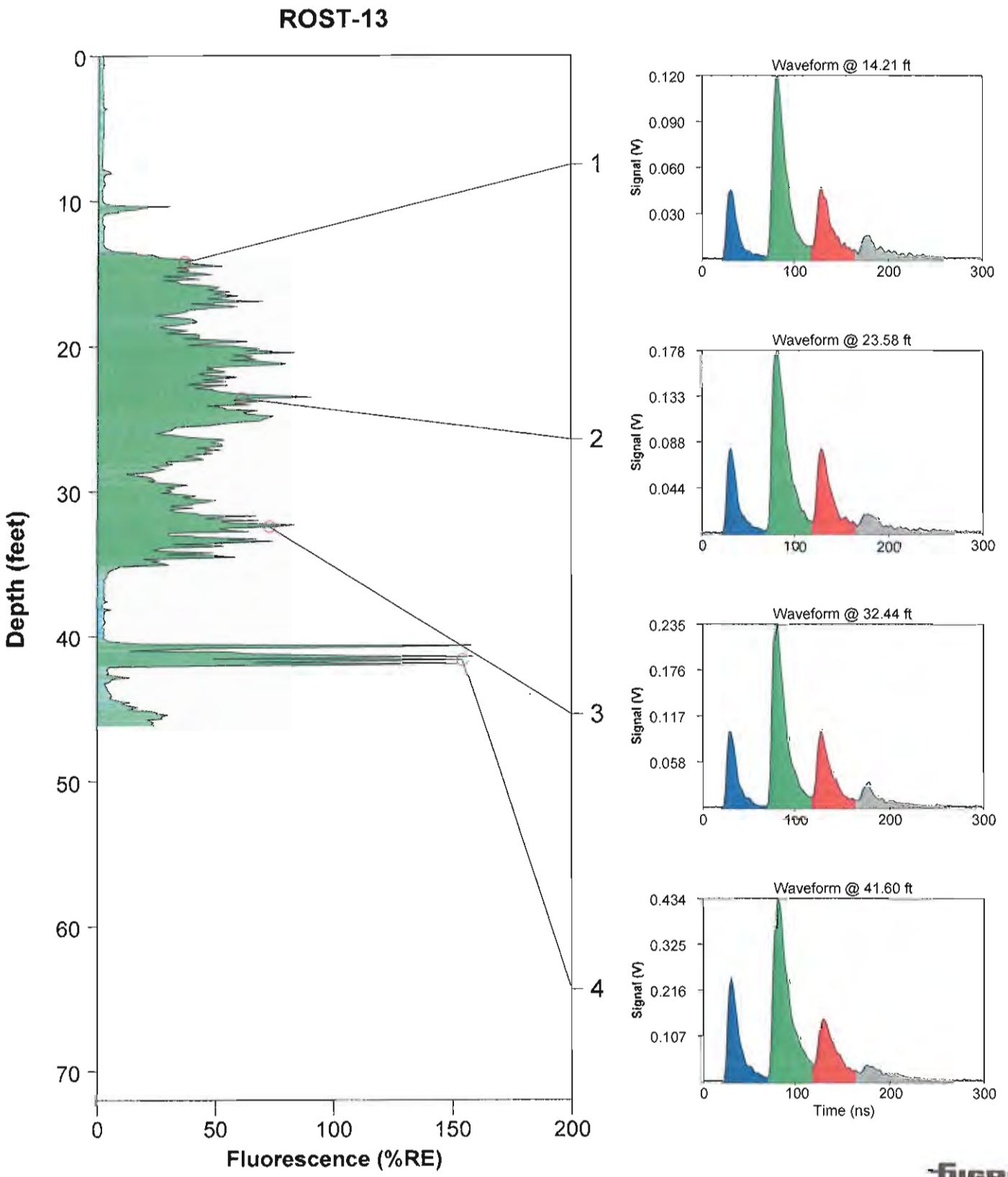
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/24/2009 @ 4:49:05 PM	Max fluorescence: 190.95% @ 45.11 ft
ROST Unit: Houston	Final depth BGS: 46.05 ft



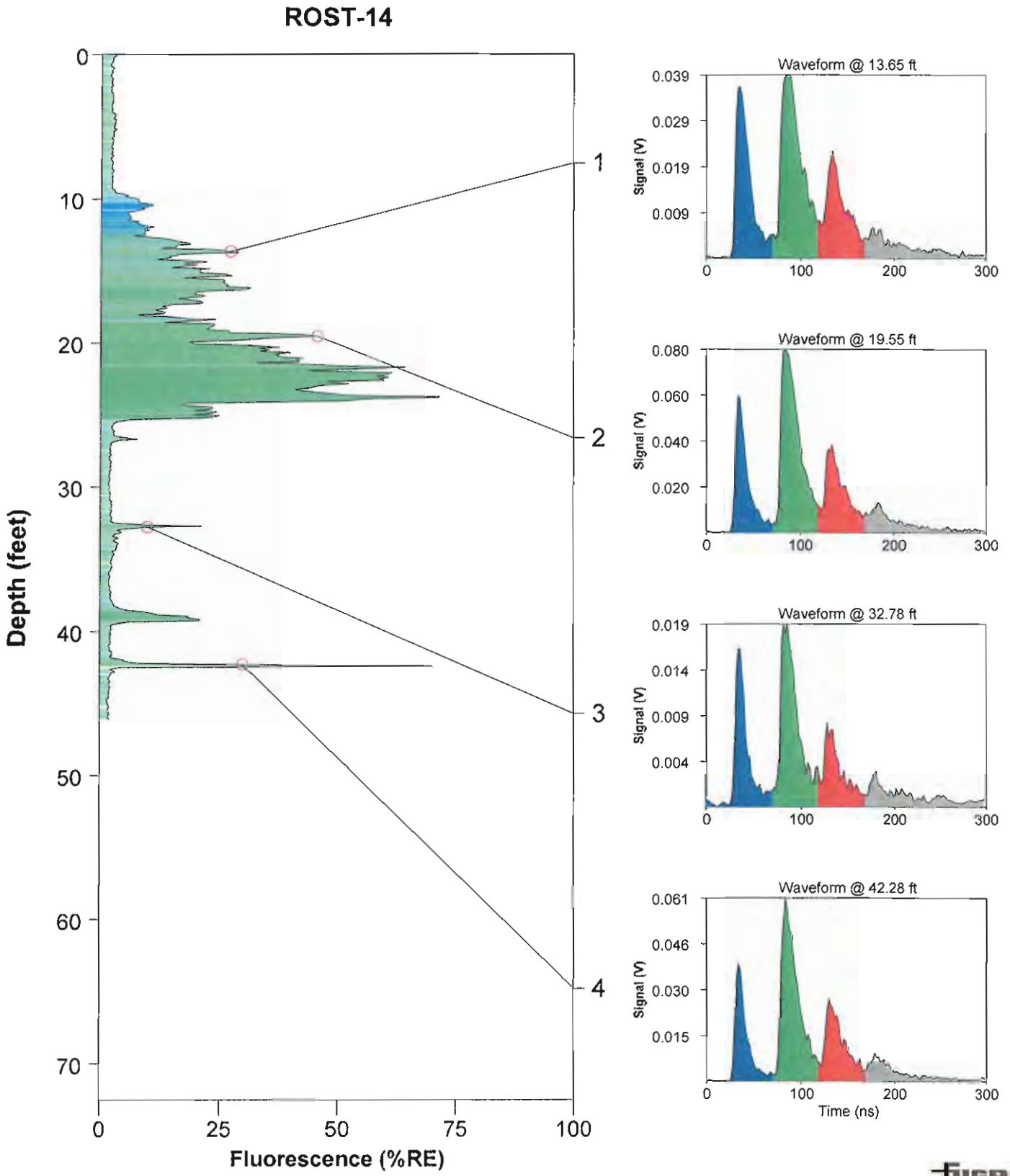
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/25/2009 @ 12:49:24 PM	Max fluorescence: 158.84% @ 41.40 ft
ROST Unit: Houston	Final depth BGS: 46.14 ft



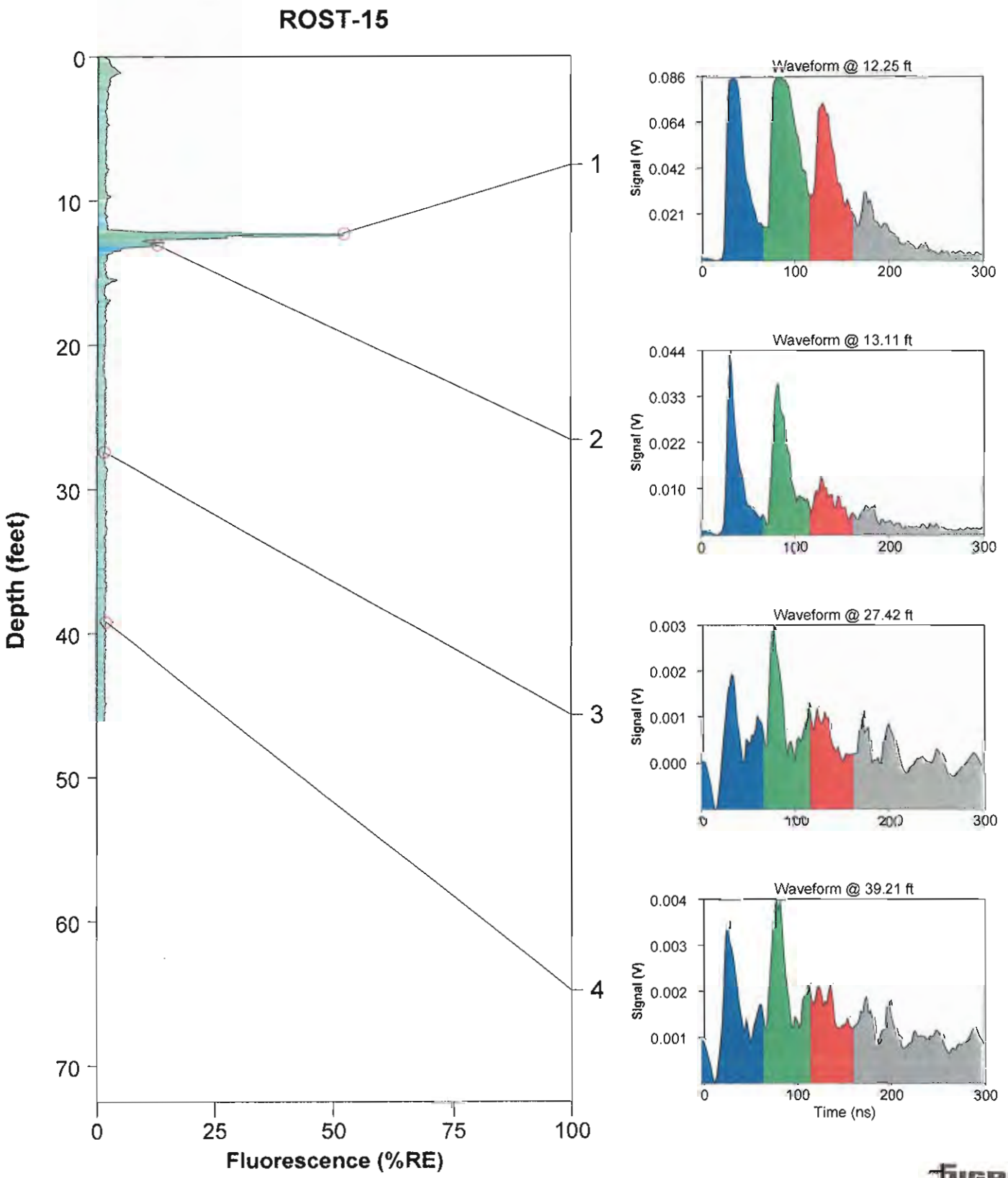
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/25/2009 @ 1:46:59 PM	Max fluorescence: 71.70% @ 23.75 ft
ROST Unit: Houston	Final depth BGS: 46.05 ft



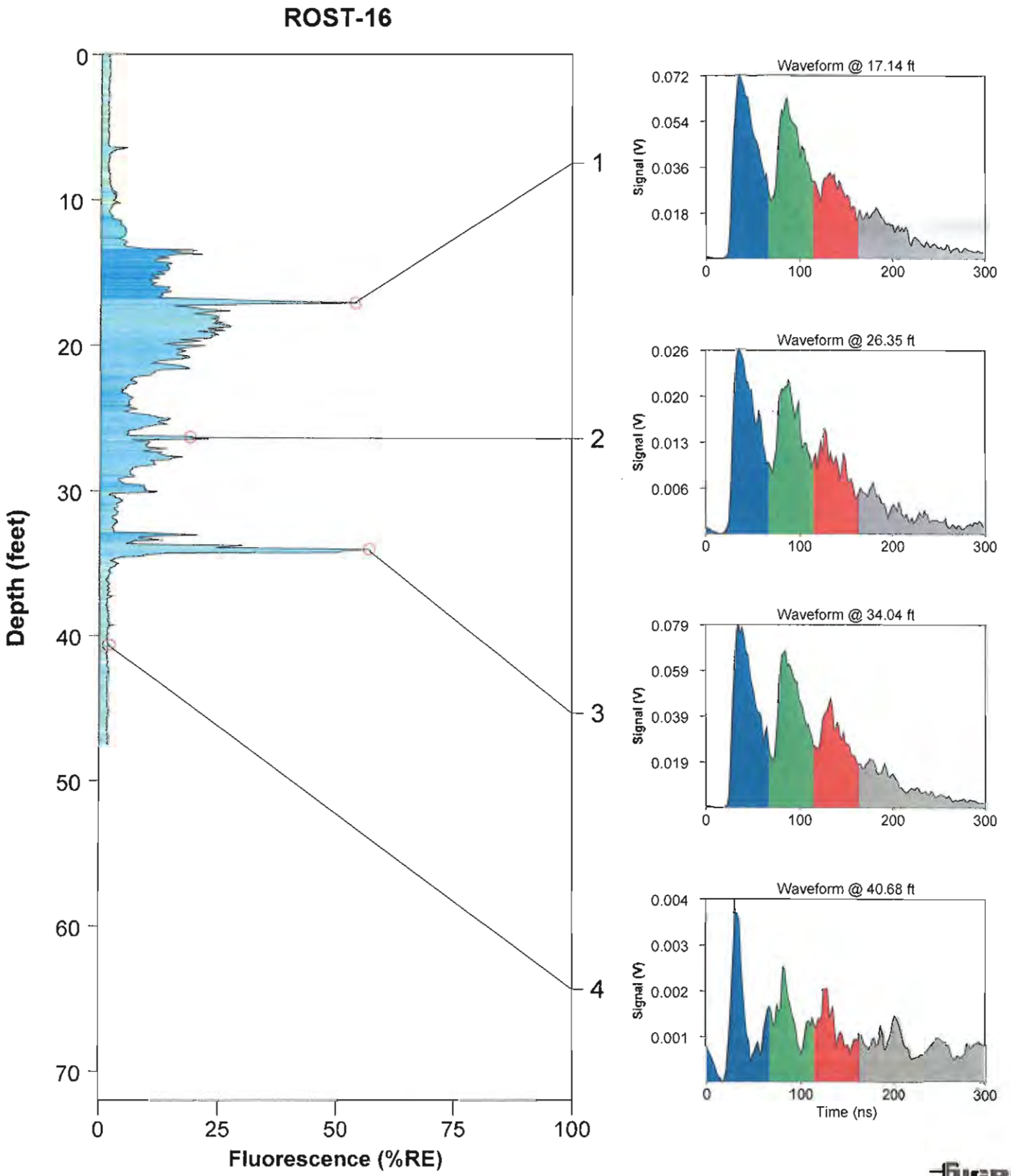
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/25/2009 @ 7:39:08 AM	Max fluorescence: 52.20% @ 12.25 ft
ROST Unit: Houston	Final depth BGS: 46.07 ft



ROST Fluorescence Response Data

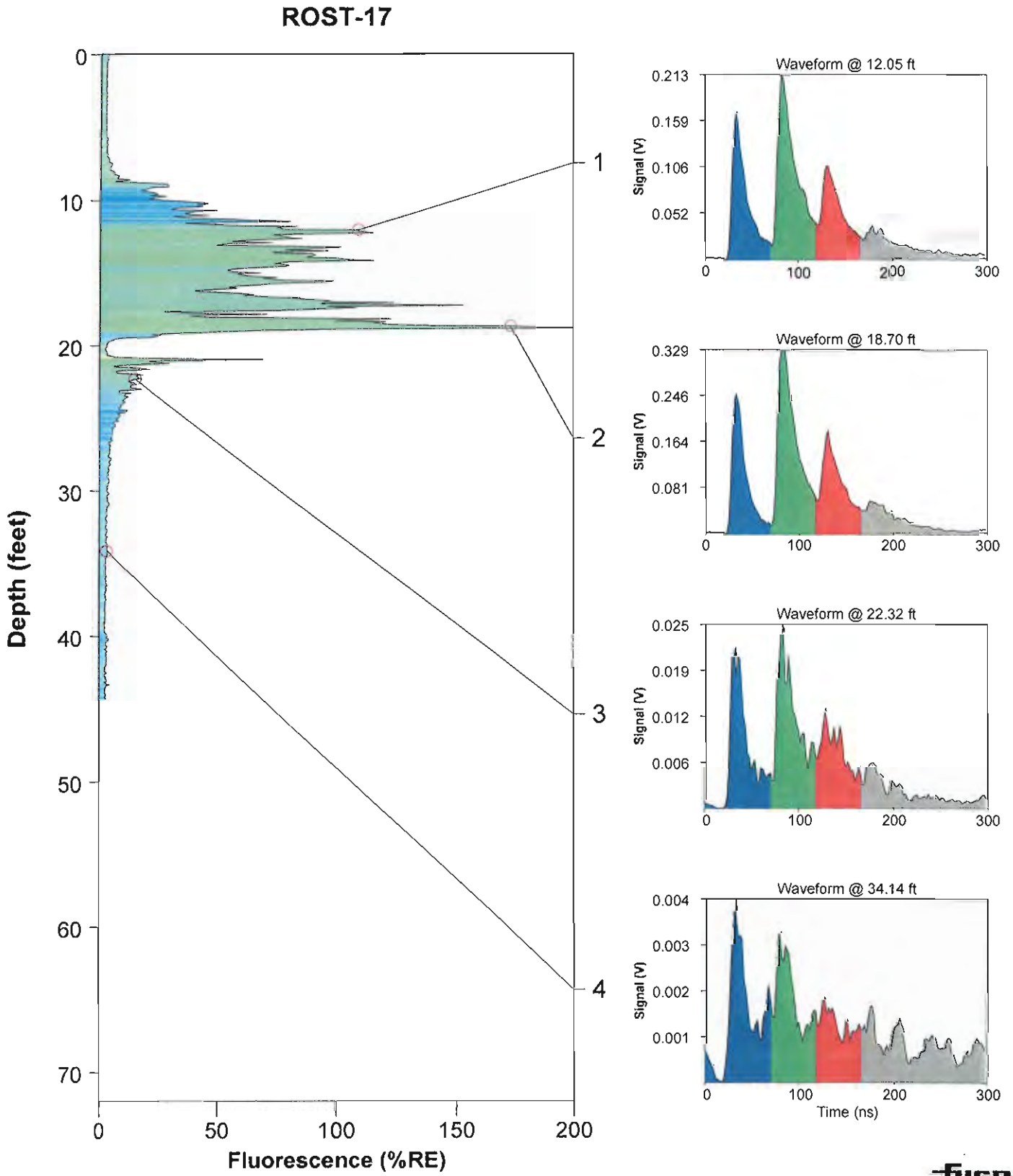
Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/25/2009 @ 10:38:02 AM	Max fluorescence: 56.66% @ 34.04 ft
ROST Unit: Houston	Final depth BGS: 47.53 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

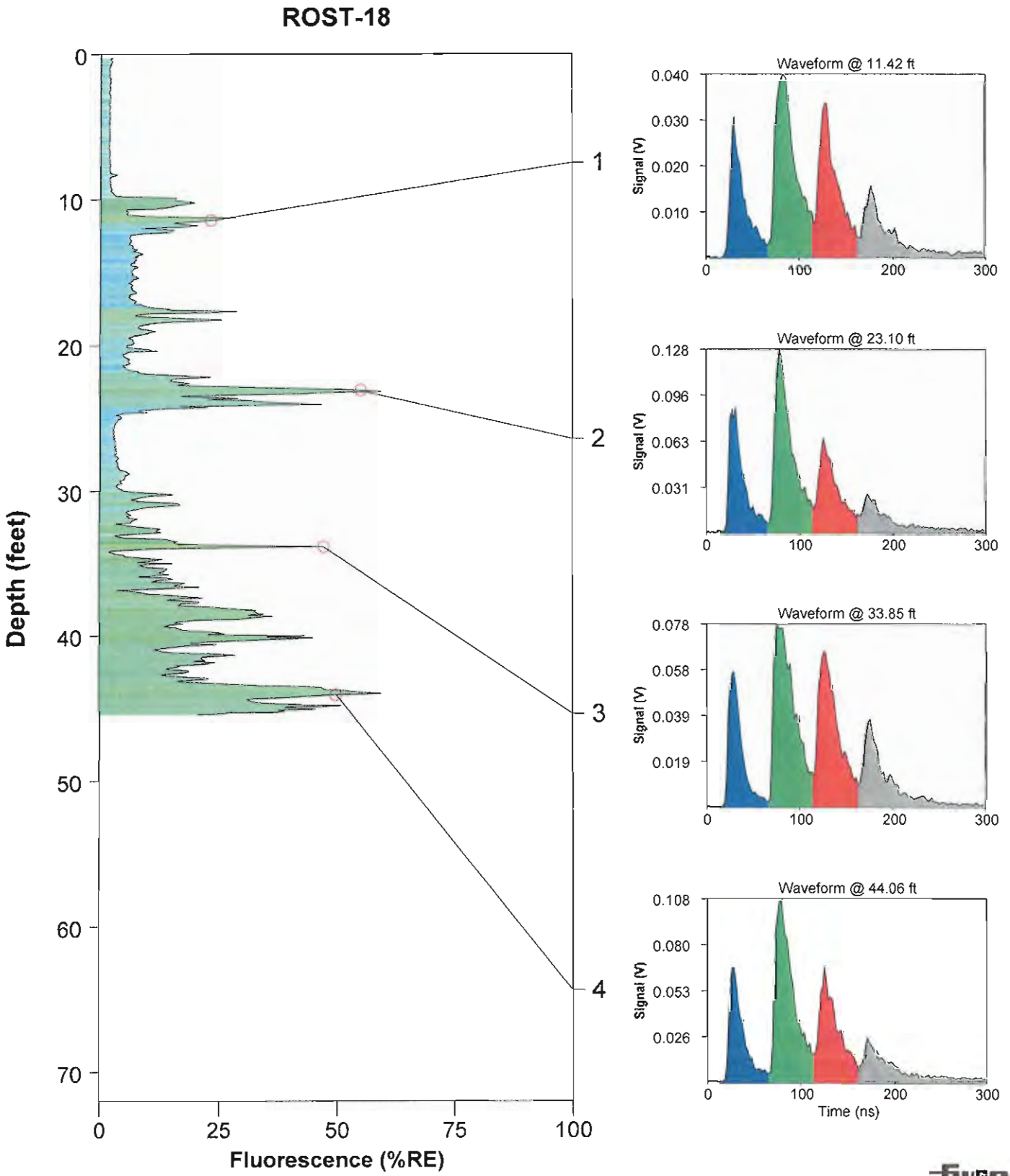
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/25/2009 @ 9:35:47 AM	Max fluorescence: 218.68% @ 18.83 ft
ROST Unit: Houston	Final depth BGS: 44.32 ft



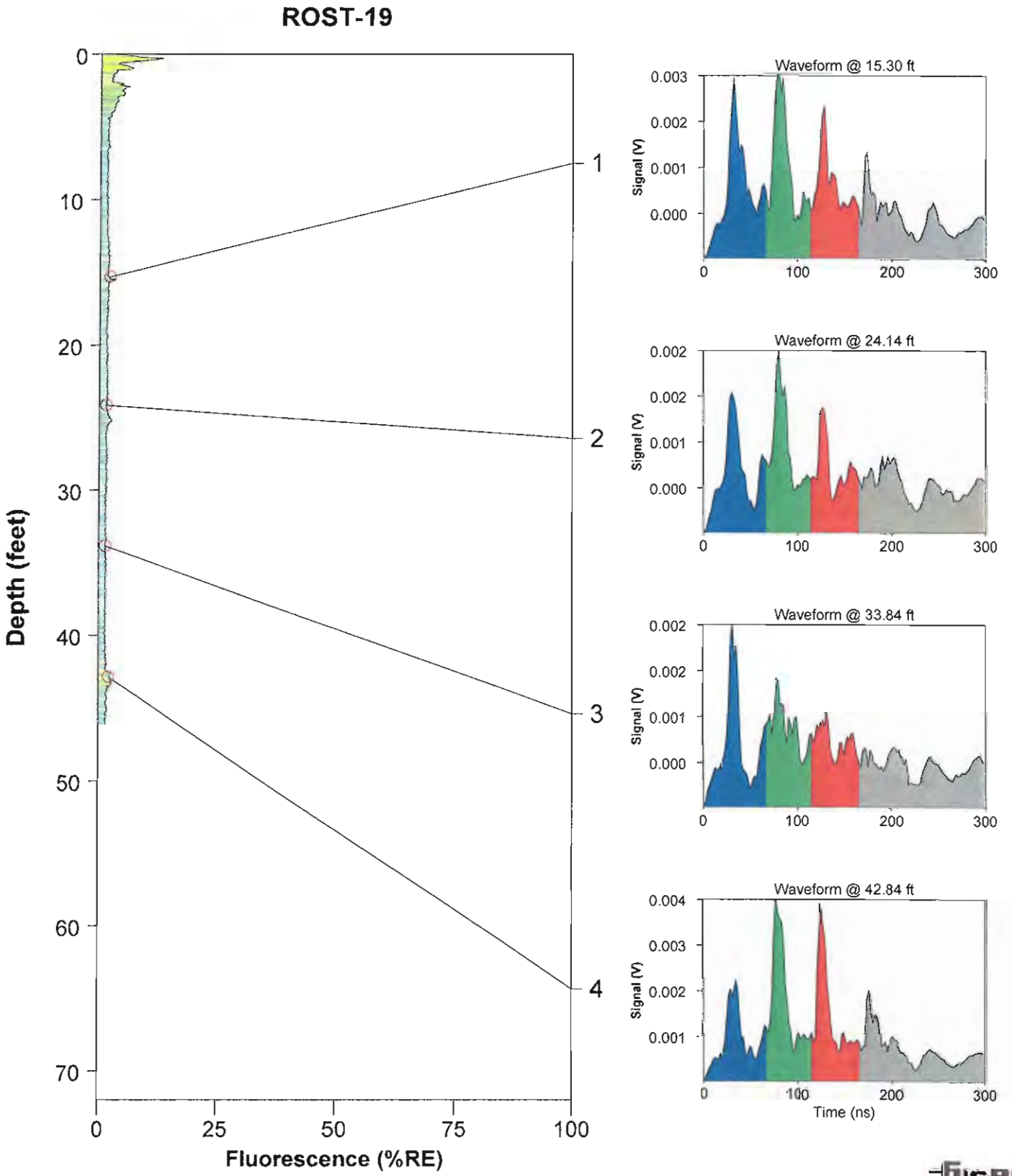
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/25/2009 @ 8:47:25 AM	Max fluorescence: 59.56% @ 23.17 ft
ROST Unit: Houston	Final depth BGS: 45.41 ft



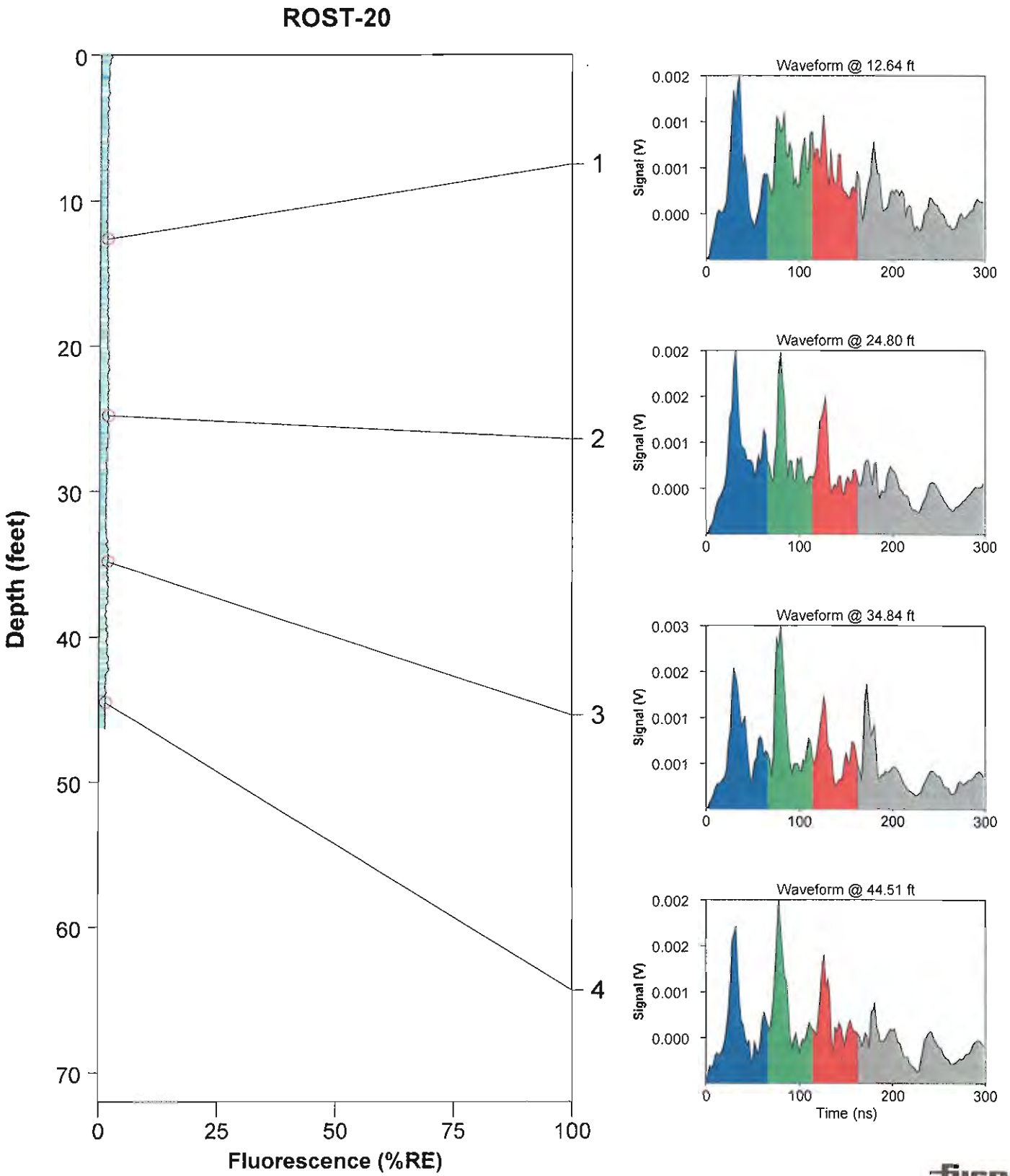
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/26/2009 @ 4:24:34 PM	Max fluorescence: 13.26% @ 0.30 ft
ROST Unit: Houston	Final depth BGS: 46.14 ft



ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/26/2009 @ 3:33:30 PM	Max fluorescence: 2.43% @ 0.16 ft
ROST Unit: Houston	Final depth BGS: 46.31 ft



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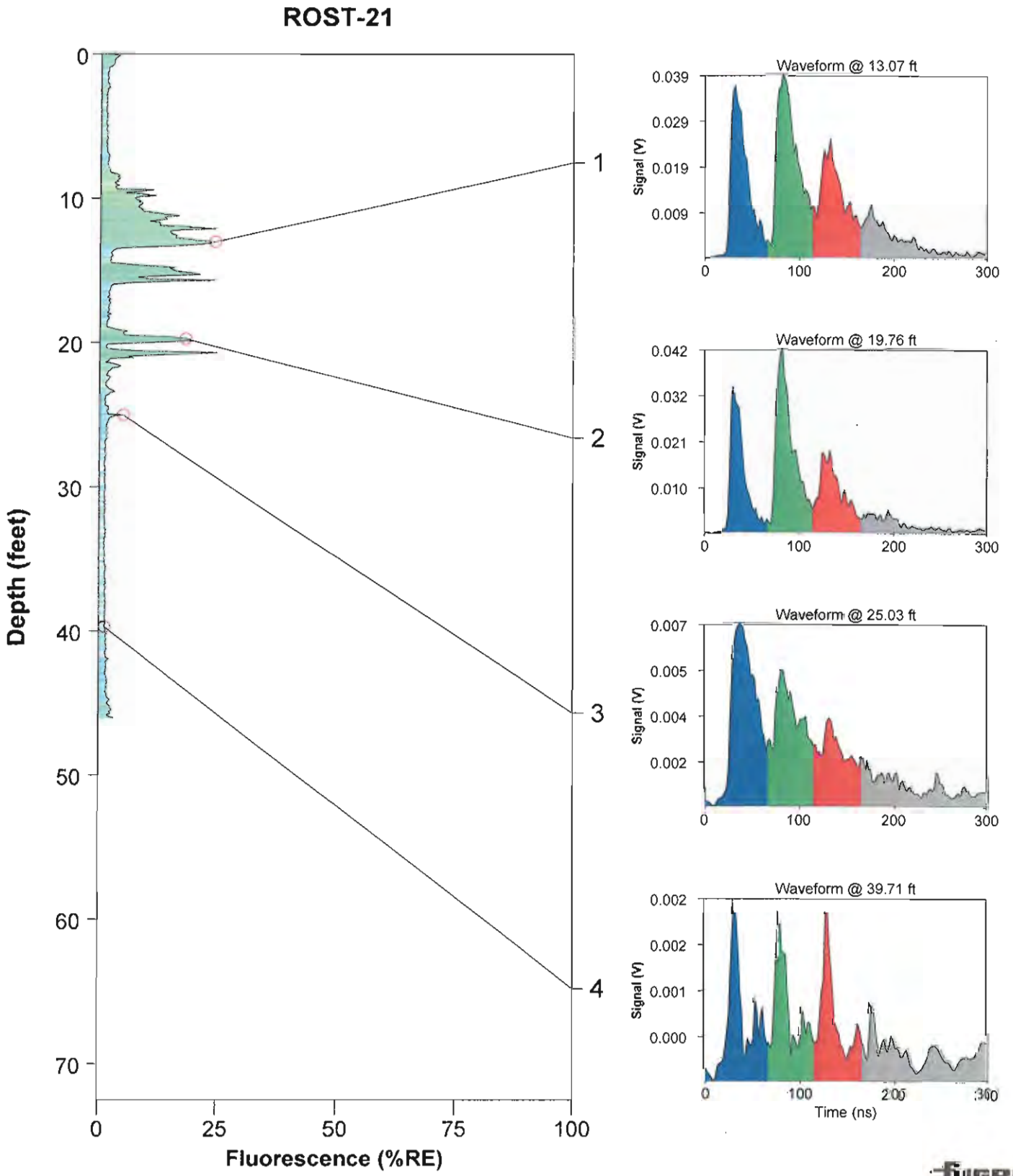
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/26/2009 @ 11:18:03 AM	Max fluorescence: 24.90% @ 20.73 ft
ROST Unit: Houston	Final depth BGS: 46.07 ft



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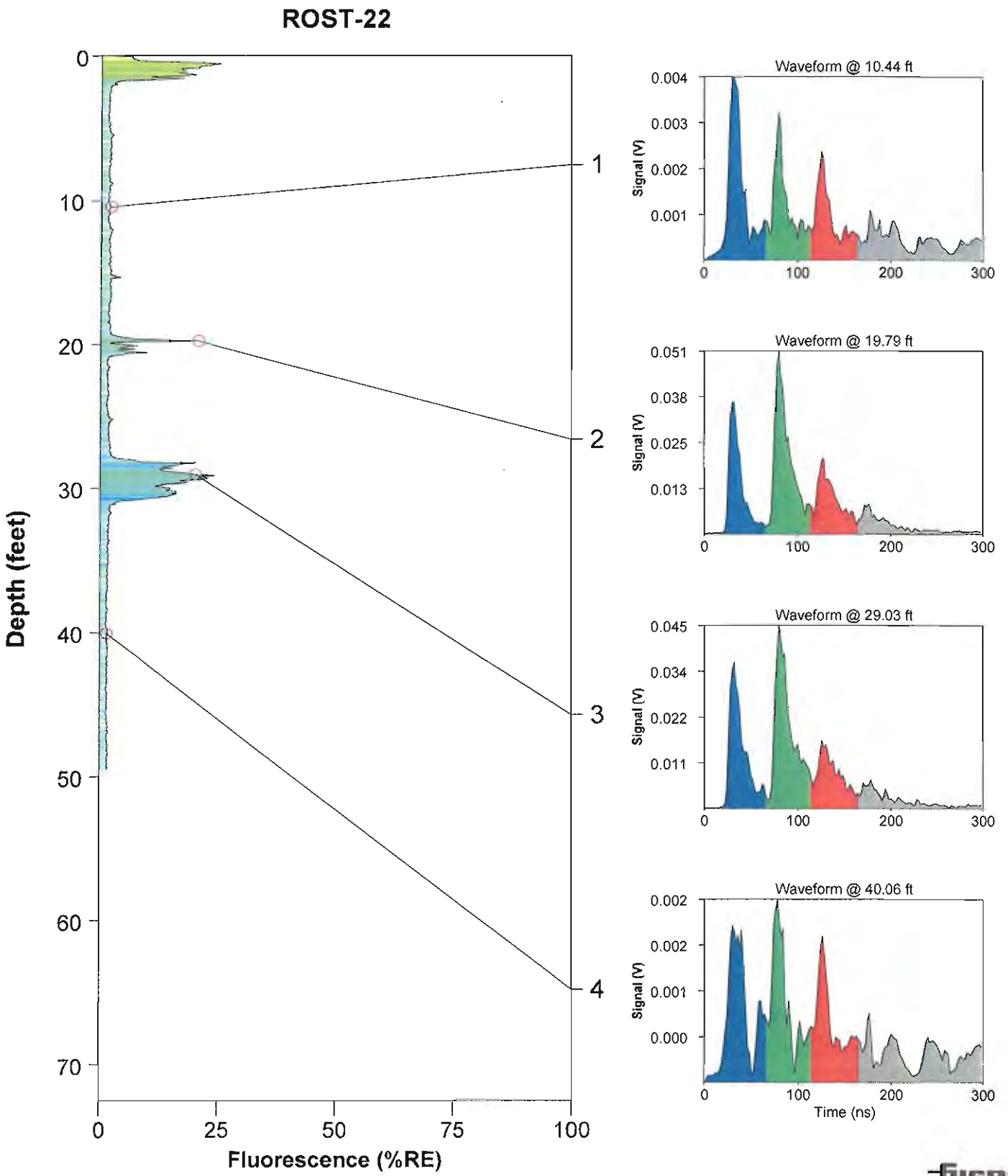
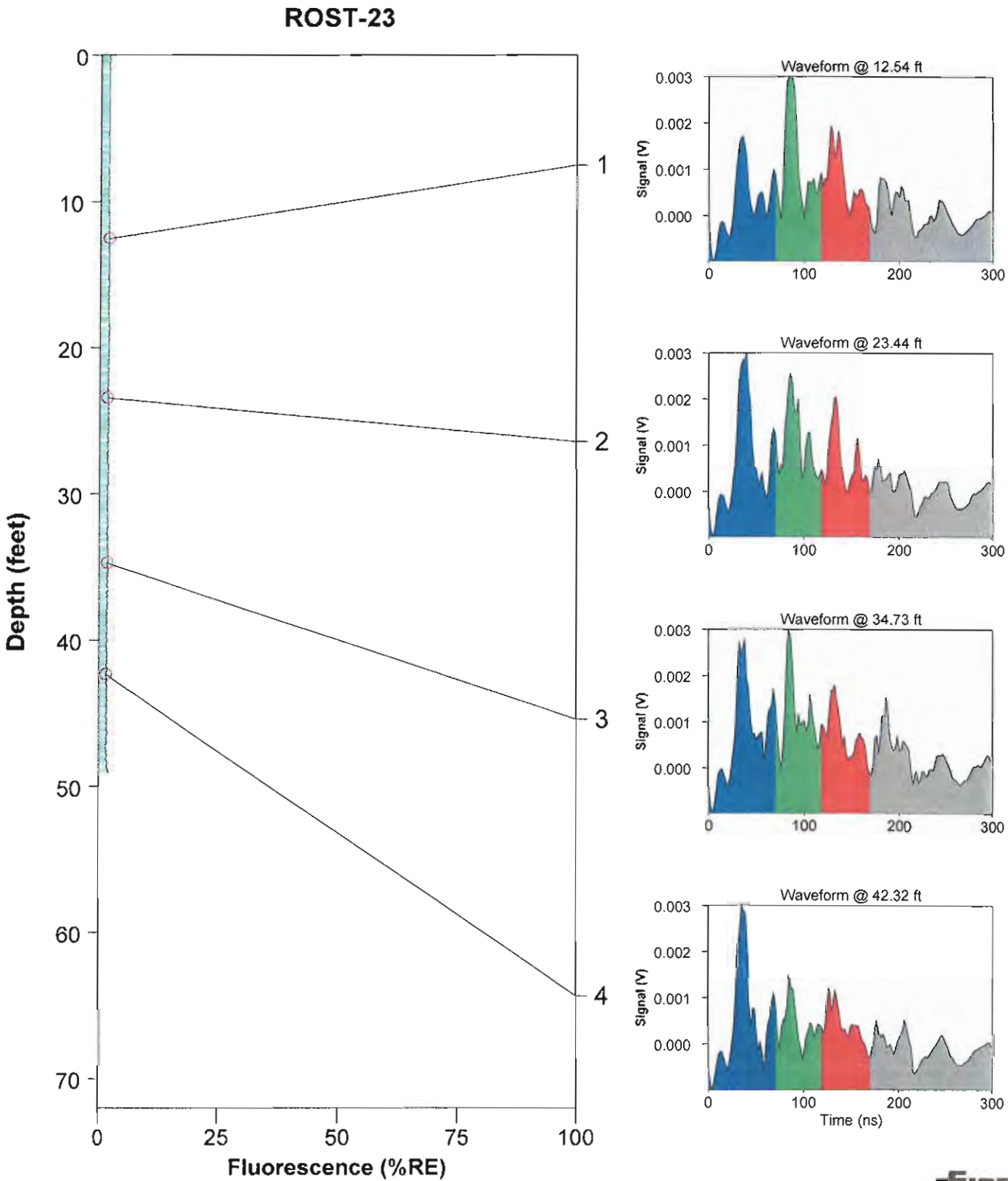
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/26/2009 @ 2:37:36 PM	Max fluorescence: 25.61% @ 0.56 ft
ROST Unit: Houston	Final depth BGS: 49.51 ft



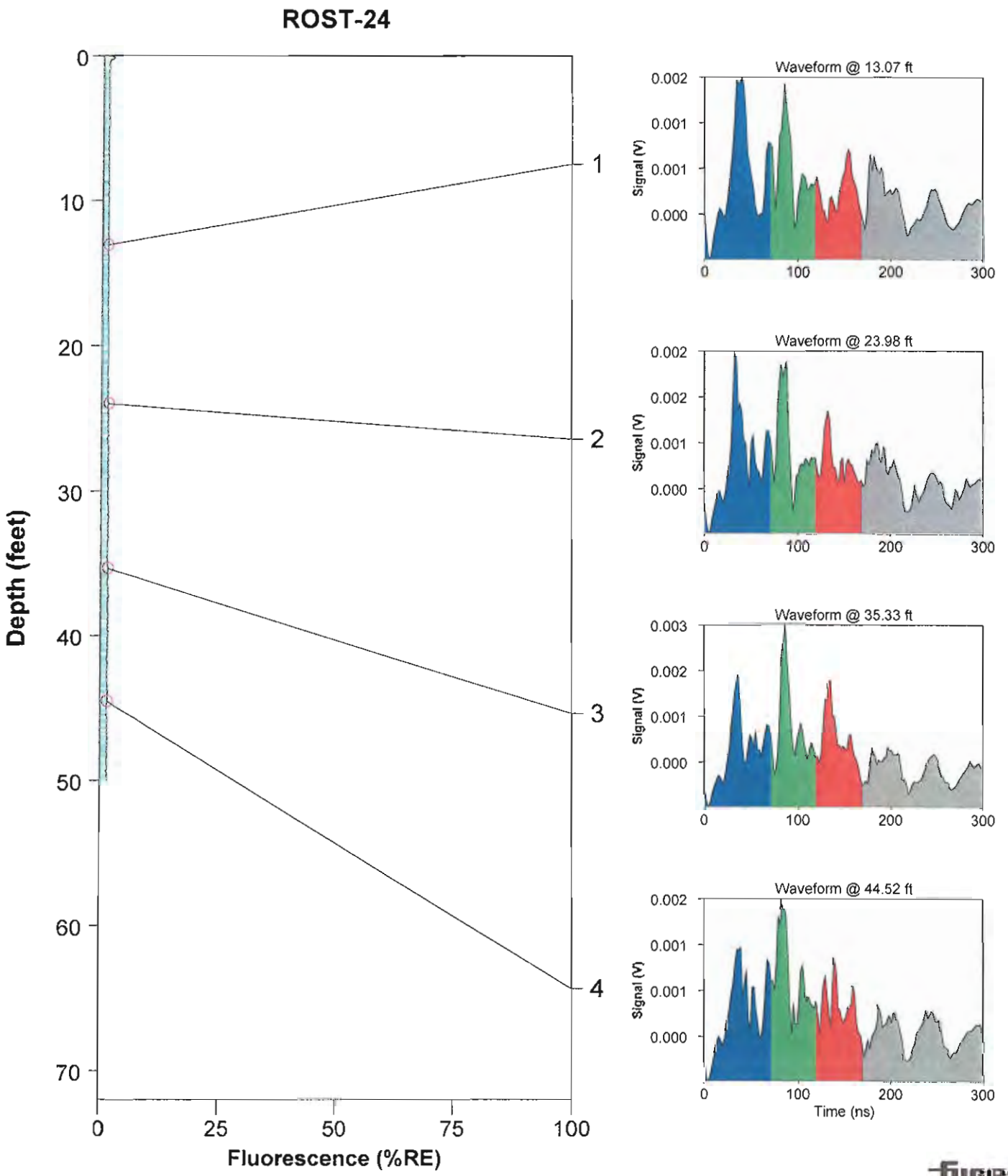
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/28/2009 @ 9:49:30 AM	Max fluorescence: 2.03% @ 49.05 ft
ROST Unit: Houston	Final depth BGS: 49.05 ft



ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/28/2009 @ 11:51:21 AM	Max fluorescence: 2.87% @ 0.13 ft
ROST Unit: Houston	Final depth BGS: 50.07 ft



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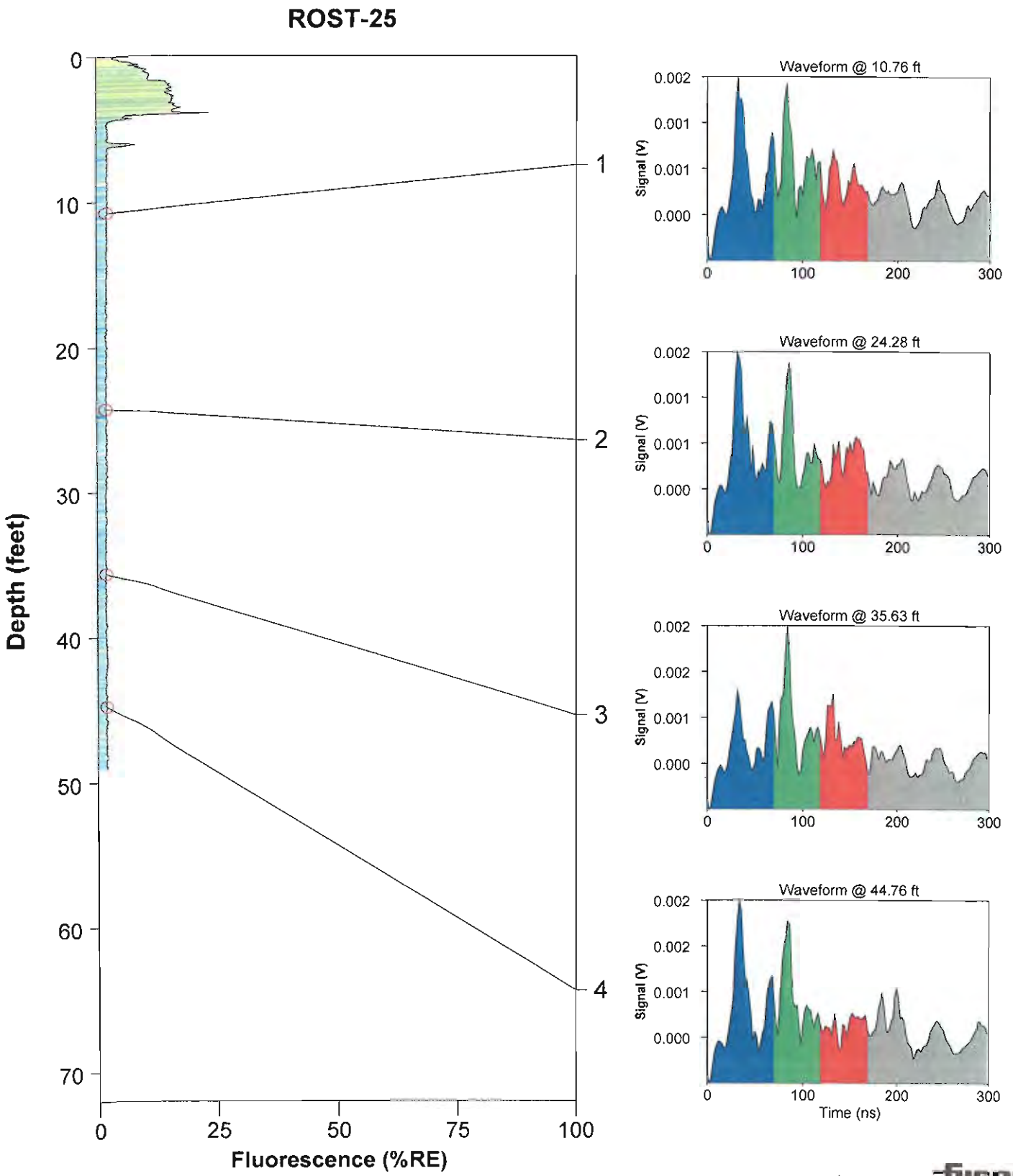
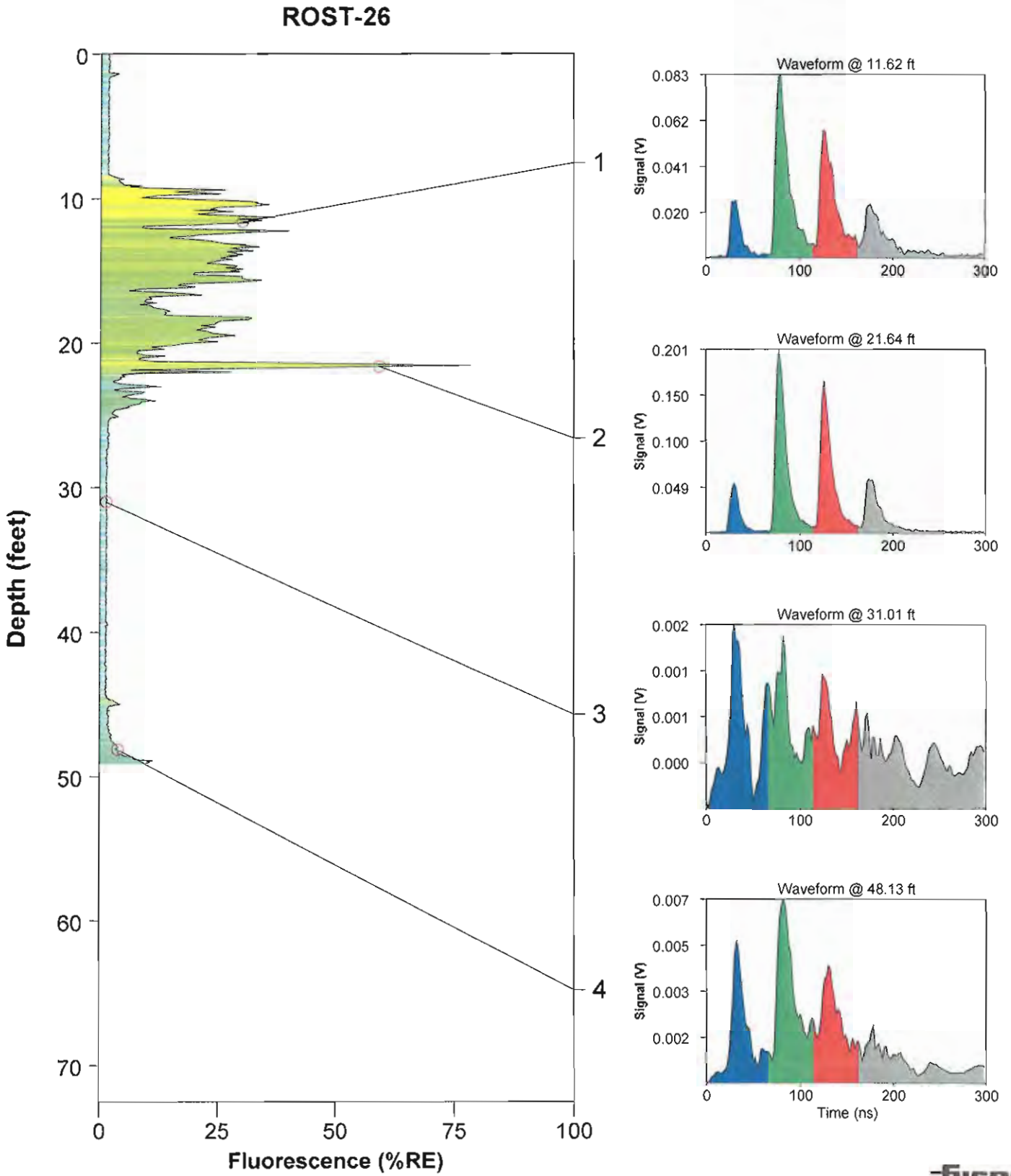
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/28/2009 @ 1:29:32 PM	Max fluorescence: 21.93% @ 3.90 ft
ROST Unit: Houston	Final depth BGS: 49.06 ft



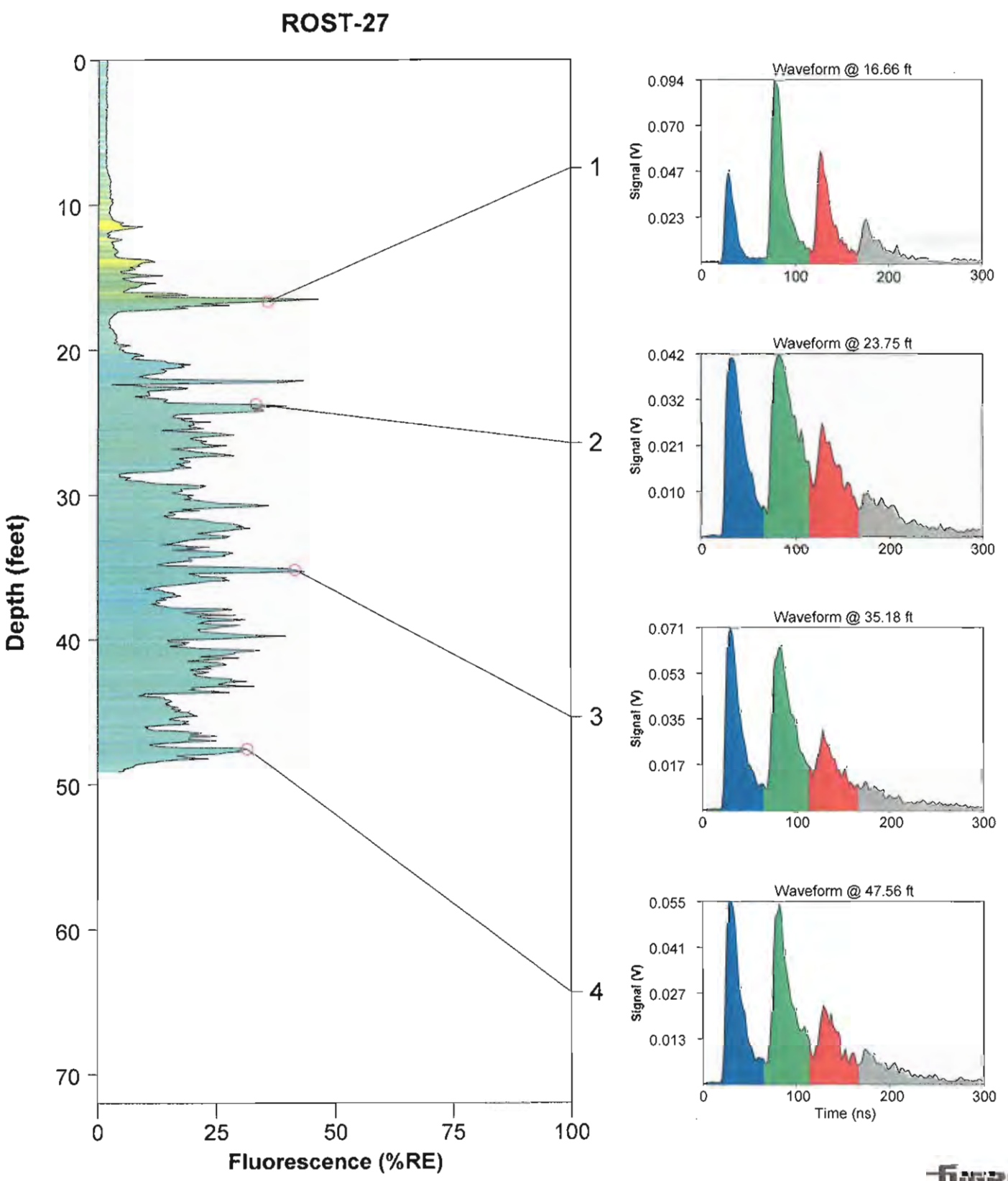
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04 1909-0044
Date/Time: 8/27/2009 @ 4:01:40 PM	Max fluorescence: 78.45% @ 21.57 ft
ROST Unit: Houston	Final depth BGS: 49.11 ft



ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/27/2009 @ 3:12:32 PM	Max fluorescence: 46.38% @ 16.52 ft
ROST Unit: Houston	Final depth BGS: 49.12 ft



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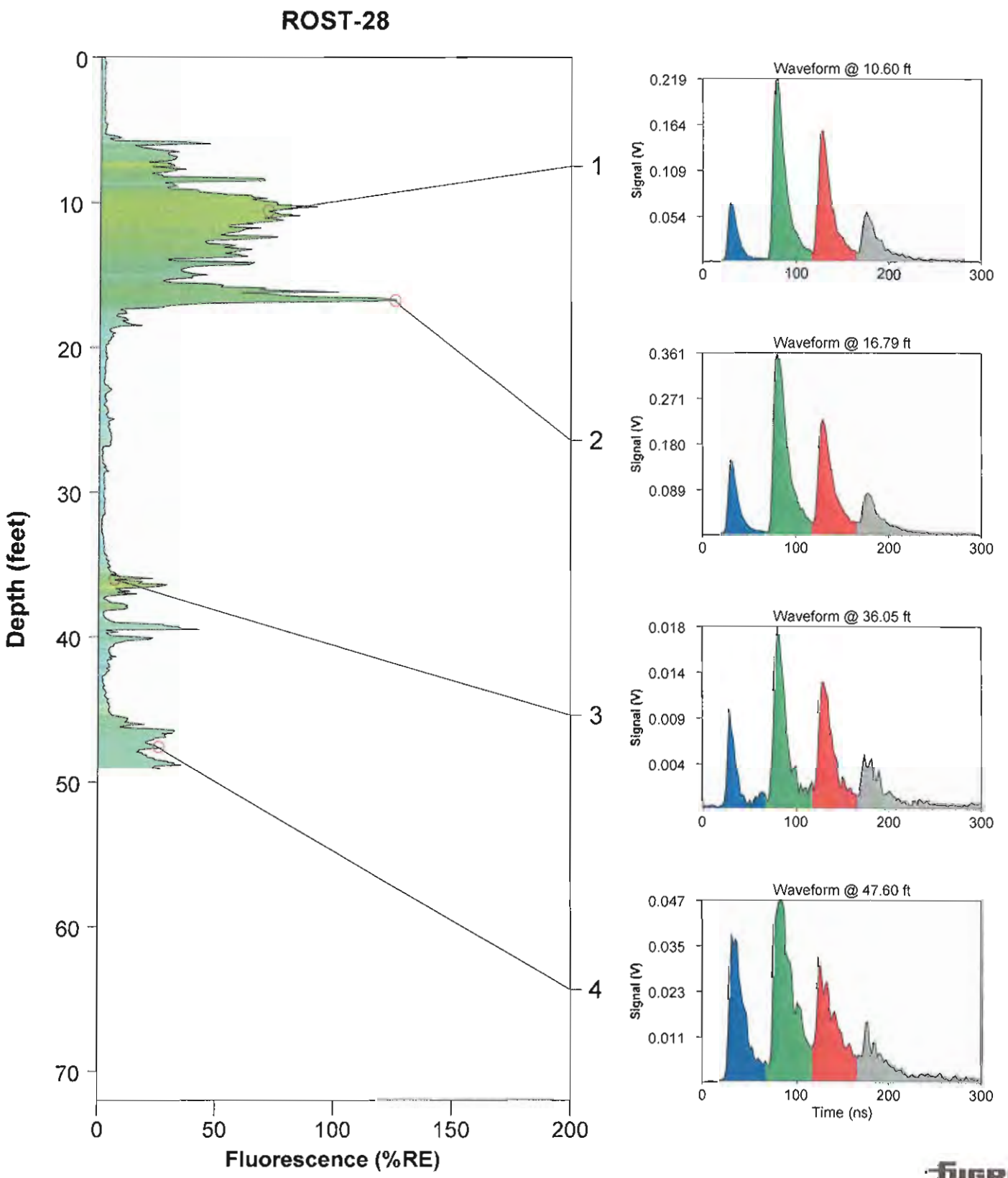
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04 1909-0044
Date/Time: 8/27/2009 @ 1:51:43 PM	Max fluorescence: 126.21% @ 16.73 ft
ROST Unit: Houston	Final depth BGS: 49.07 ft



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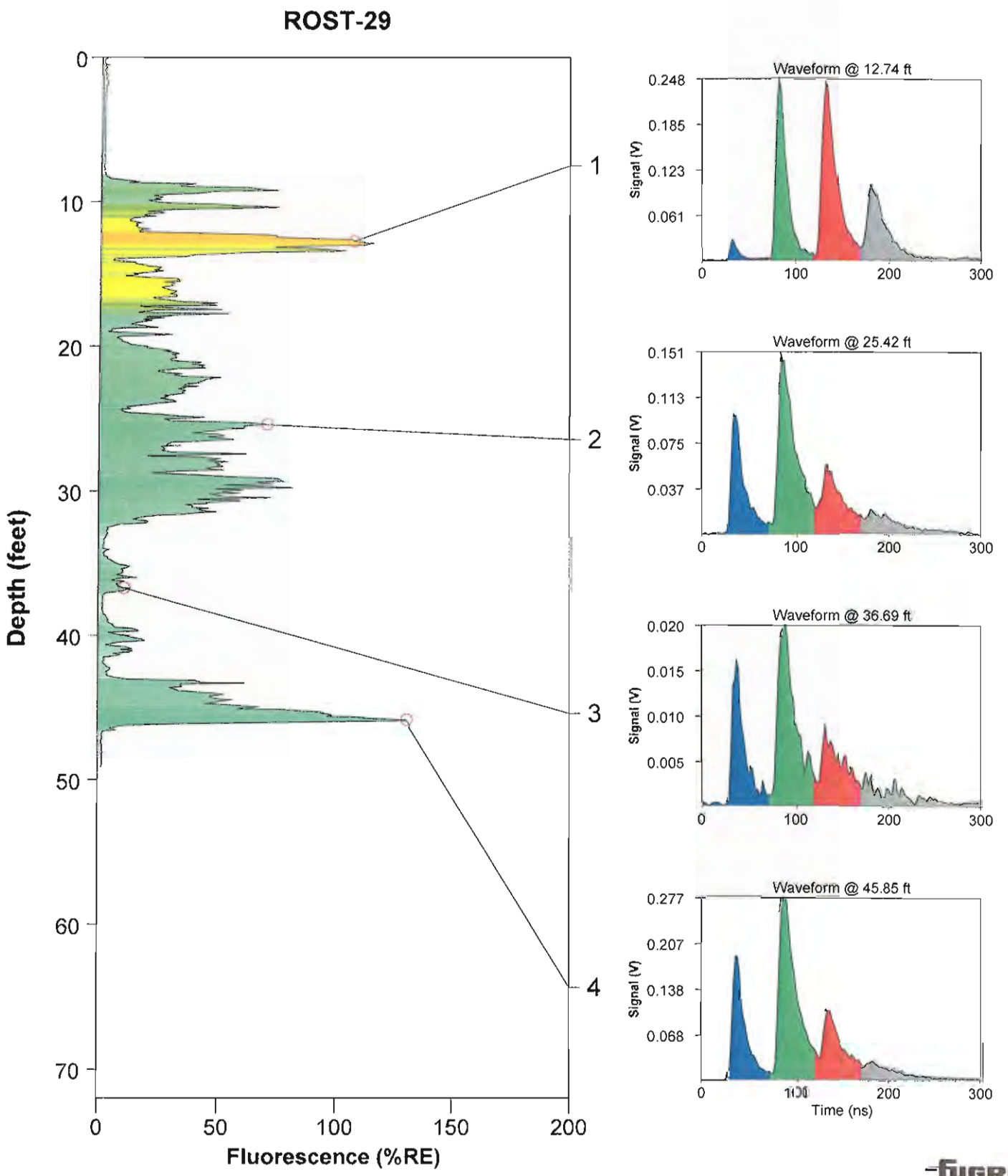
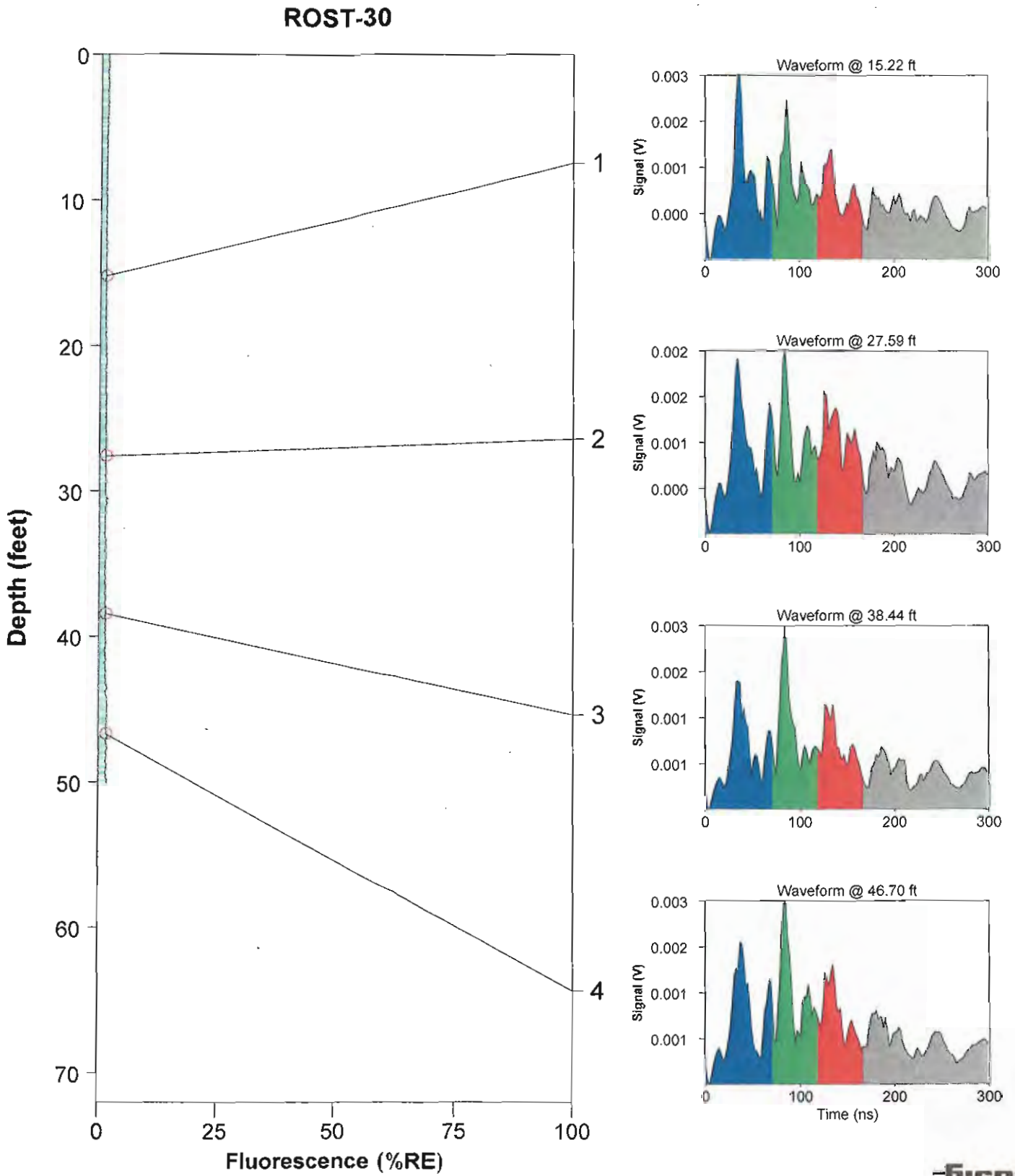
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04 1909-0044
Date/Time: 8/27/2009 @ 4:57:18 PM	Max fluorescence: 129.67% @ 45.85 ft
ROST Unit: Houston	Final depth BGS: 49.10 ft



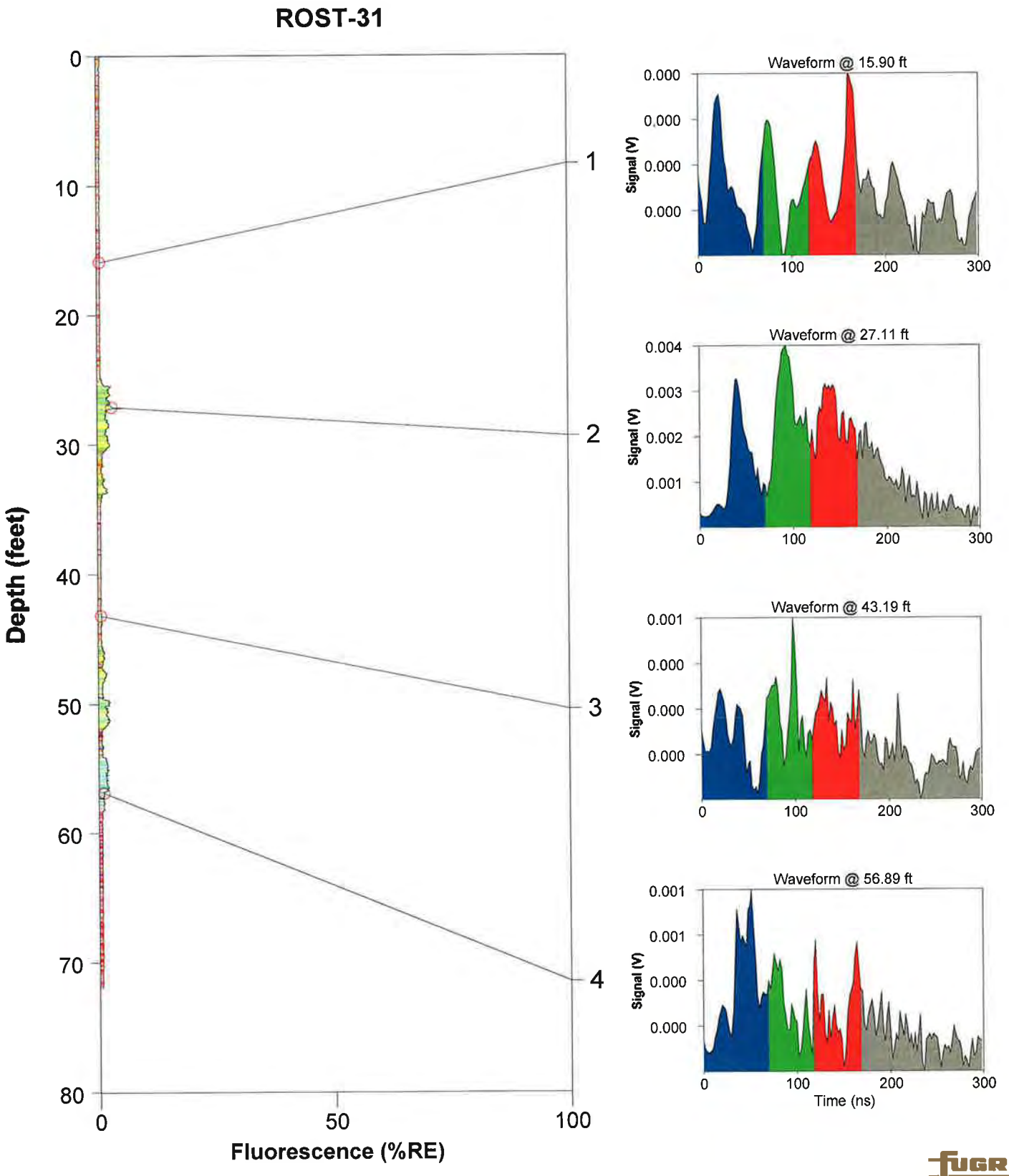
ROST Fluorescence Response Data

Site: Conoco-Roxana,IL	Operator: Robert Biehle
Client: URS	Fugro Job #: 04.1909-0044
Date/Time: 8/28/2009 @ 10:40:02 AM	Max fluorescence: 1.82% @ 46.90 ft
ROST Unit: Houston	Final depth BGS: 50.05 ft



ROST Fluorescence Response Data

Site: Roxana, IL	Operator: Robert Biehle
Client: URS Corporation	Fugro Job #: 04.1913-0025
Date/Time: 5/8/2013 @ 9:17:48 AM	Max fluorescence: 5.21% @ 27.18 ft
ROST Unit: Houston	Final depth BGS: 72.00 ft



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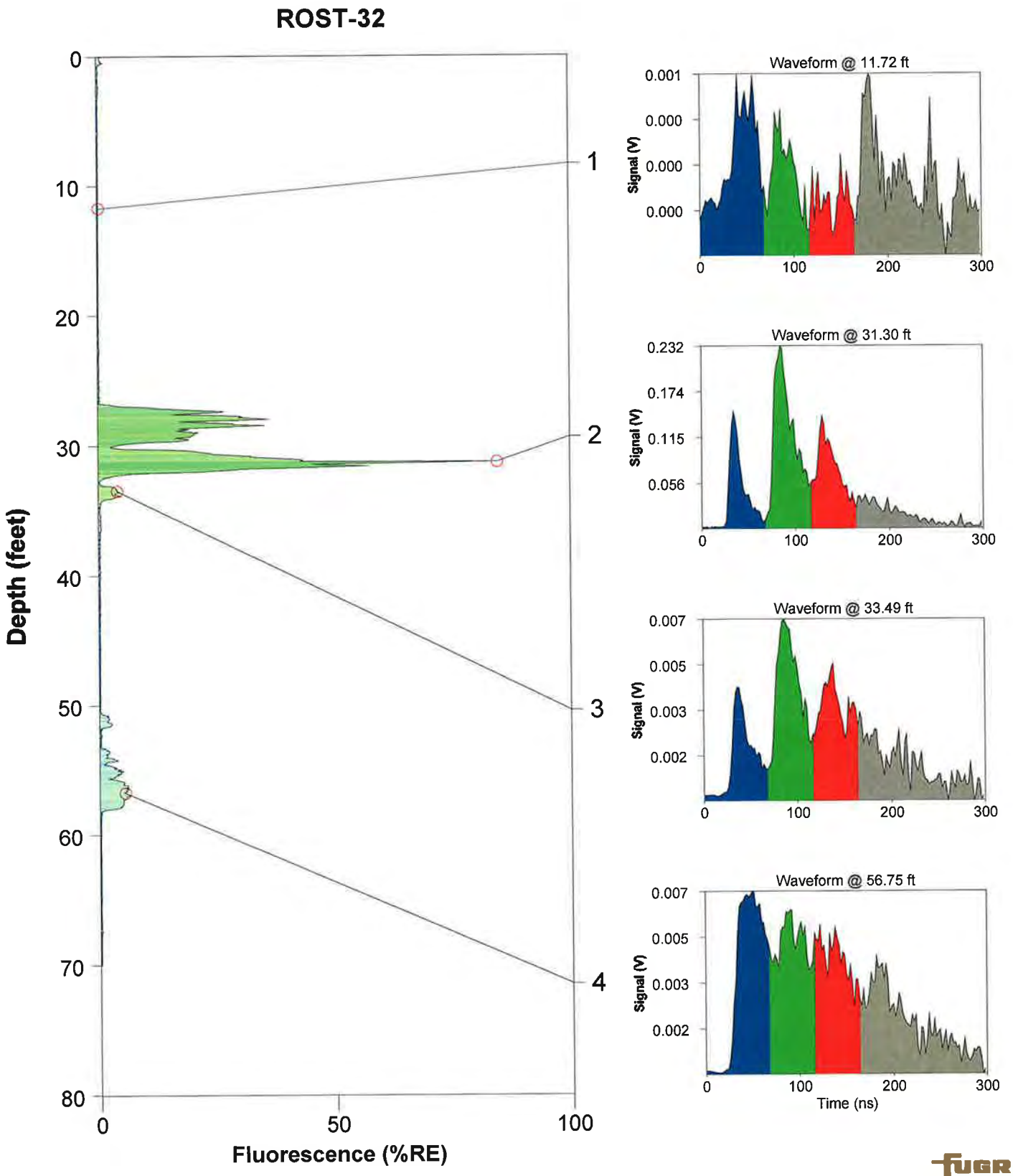
ROST Fluorescence Response Data

Site: Roxana, IL	Operator: Robert Biehle
Client: URS Corporation	Fugro Job #: 04.1913-0025
Date/Time: 5/9/2013 @ 11:13:57 AM	Max fluorescence: 84.57% @ 31.30 ft
ROST Unit: Houston	Final depth BGS: 70.02 ft



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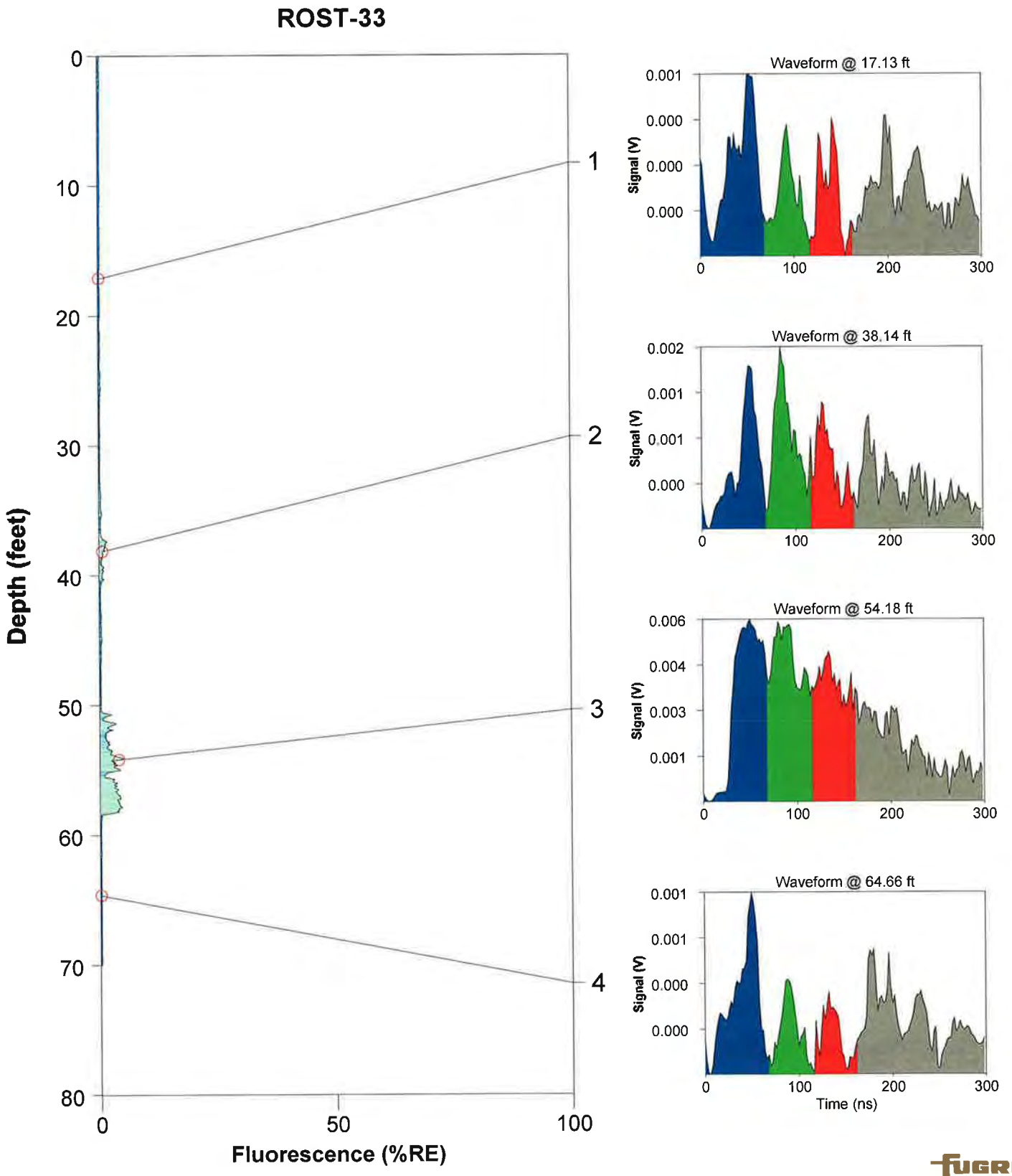
ROST Fluorescence Response Data

Site: Roxana, IL	Operator: Robert Biehle
Client: URS Corporation	Fugro Job #: 04.1913-0025
Date/Time: 5/9/2013 @ 8:36:20 AM	Max fluorescence: 4.95% @ 54.11 ft
ROST Unit: Houston	Final depth BGS: 70.04 ft



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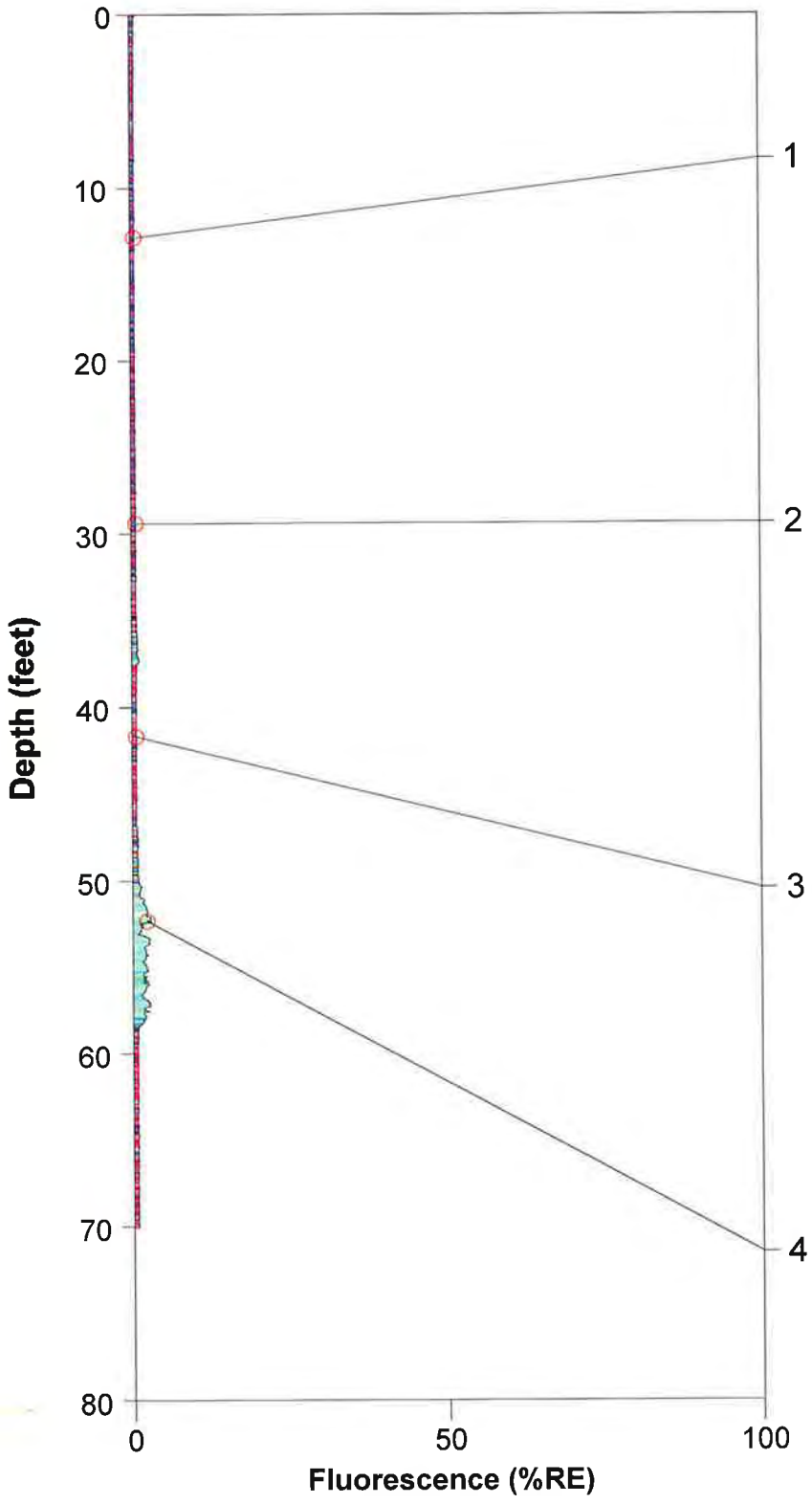
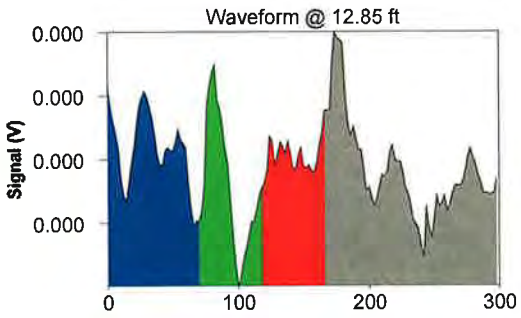
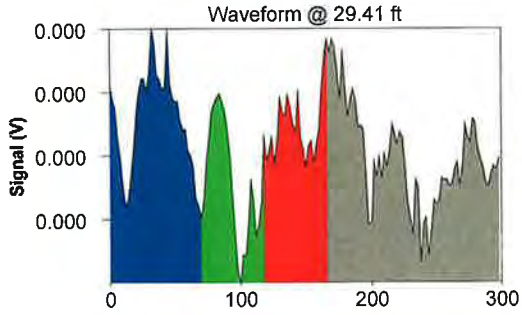
ROST Fluorescence Response Data

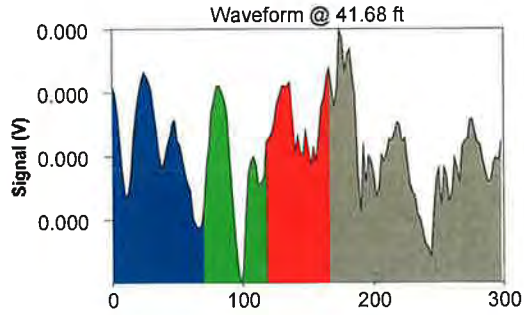
Site: Roxana, IL	Operator: Robert Biehle
Client: URS Corporation	Fugro Job #: 04.1913-0025
Date/Time: 5/8/2013 @ 2:16:05 PM	Max fluorescence: 3.00% @ 52.35 ft
ROST Unit: Houston	Final depth BGS: 70.08 ft

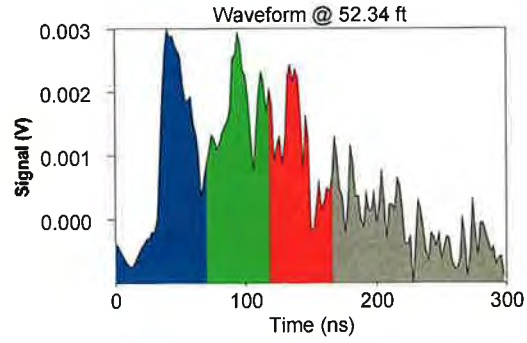
ROST-34











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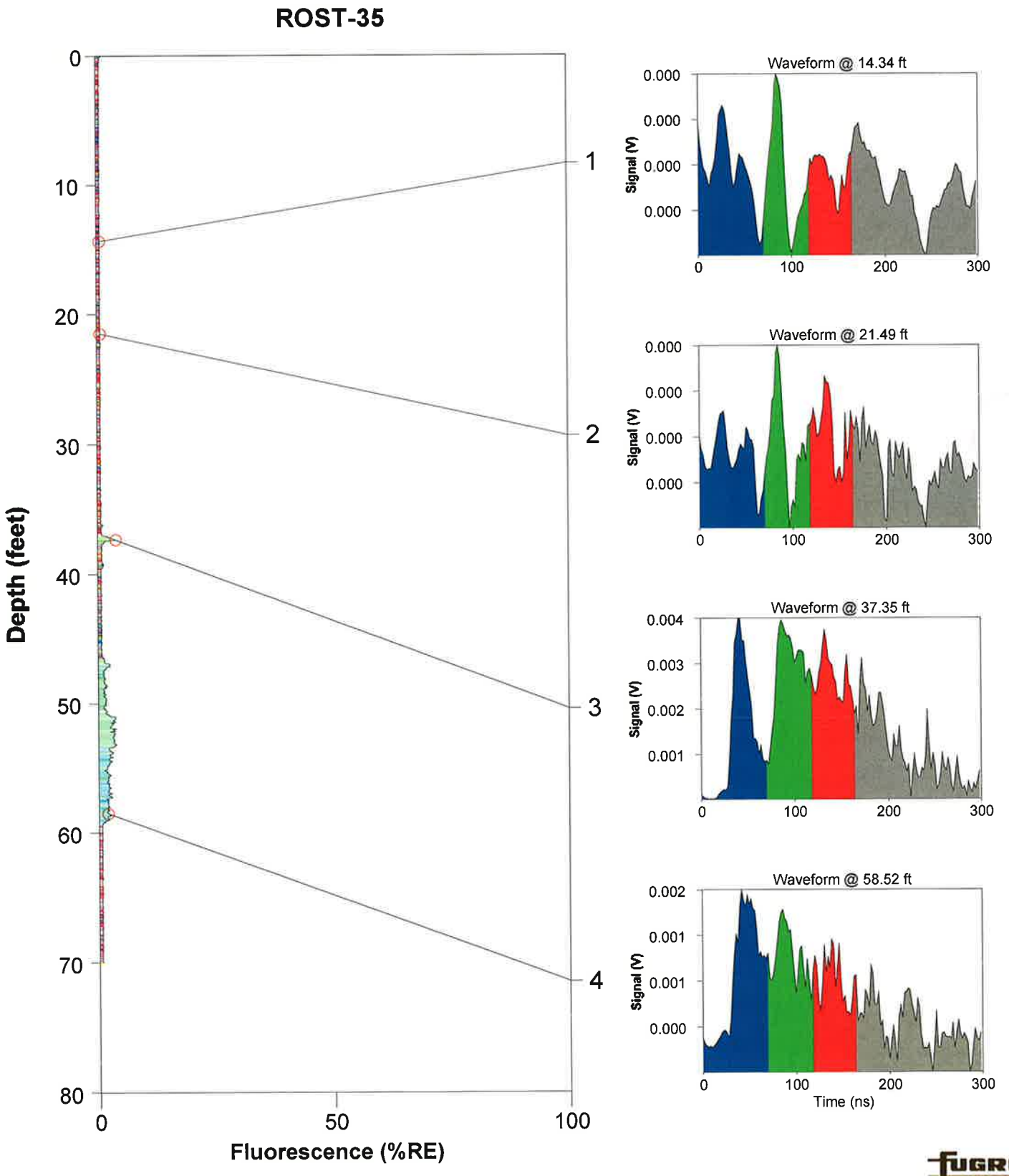
ROST Fluorescence Response Data

Site: Roxana, IL	Operator: Robert Biehle
Client: URS Corporation	Fugro Job #: 04.1913-0025
Date/Time: 5/8/2013 @ 10:40:00 AM	Max fluorescence: 3.86% @ 37.35 ft
ROST Unit: Houston	Final depth BGS: 70.01 ft



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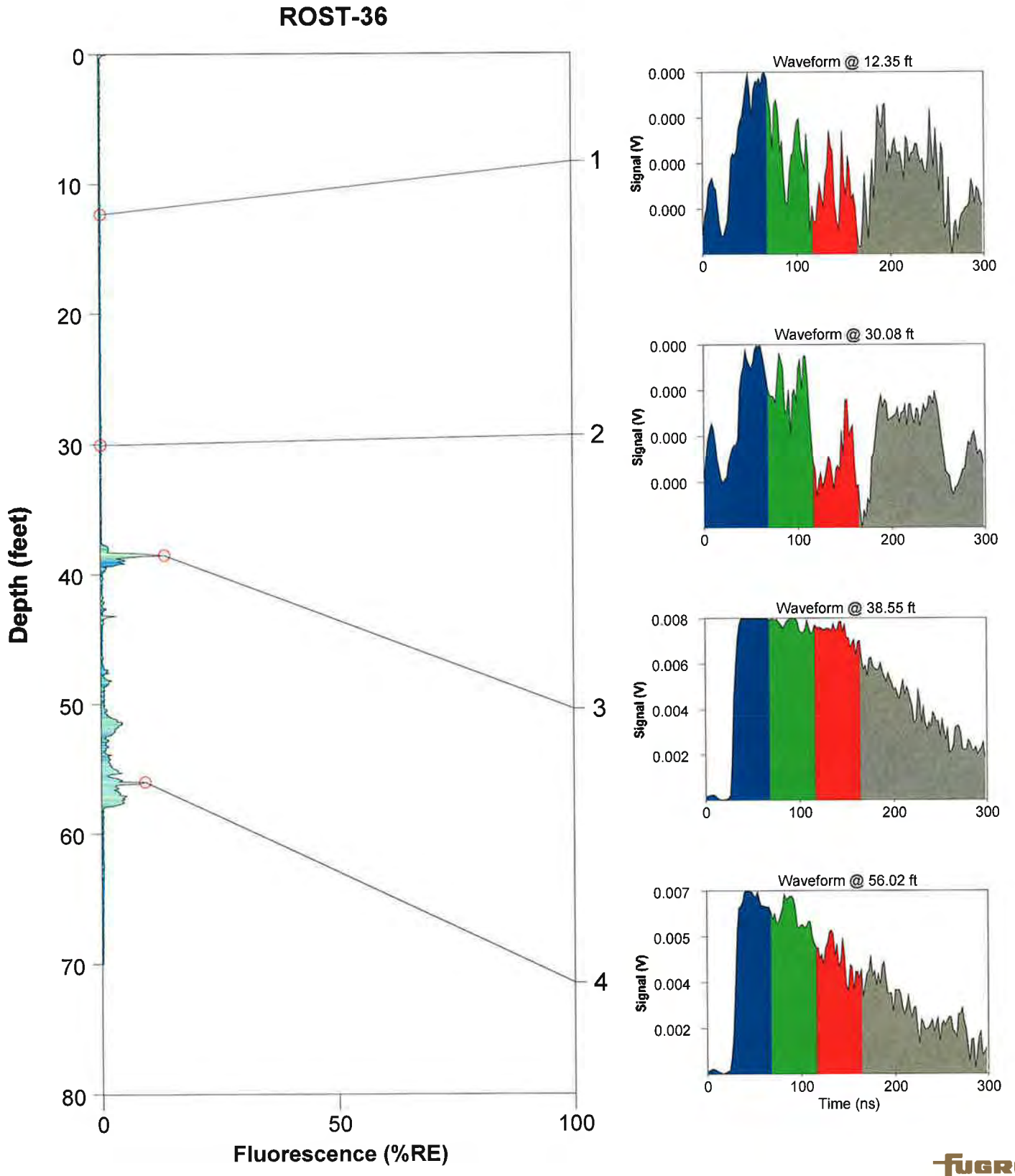
ROST Fluorescence Response Data

Site: Roxana, IL	Operator: Robert Biehle
Client: URS Corporation	Fugro Job #: 04.1913-0025
Date/Time: 5/8/2013 @ 3:56:35 PM	Max fluorescence: 13.58% @ 38.55 ft
ROST Unit: Houston	Final depth BGS: 70.03 ft



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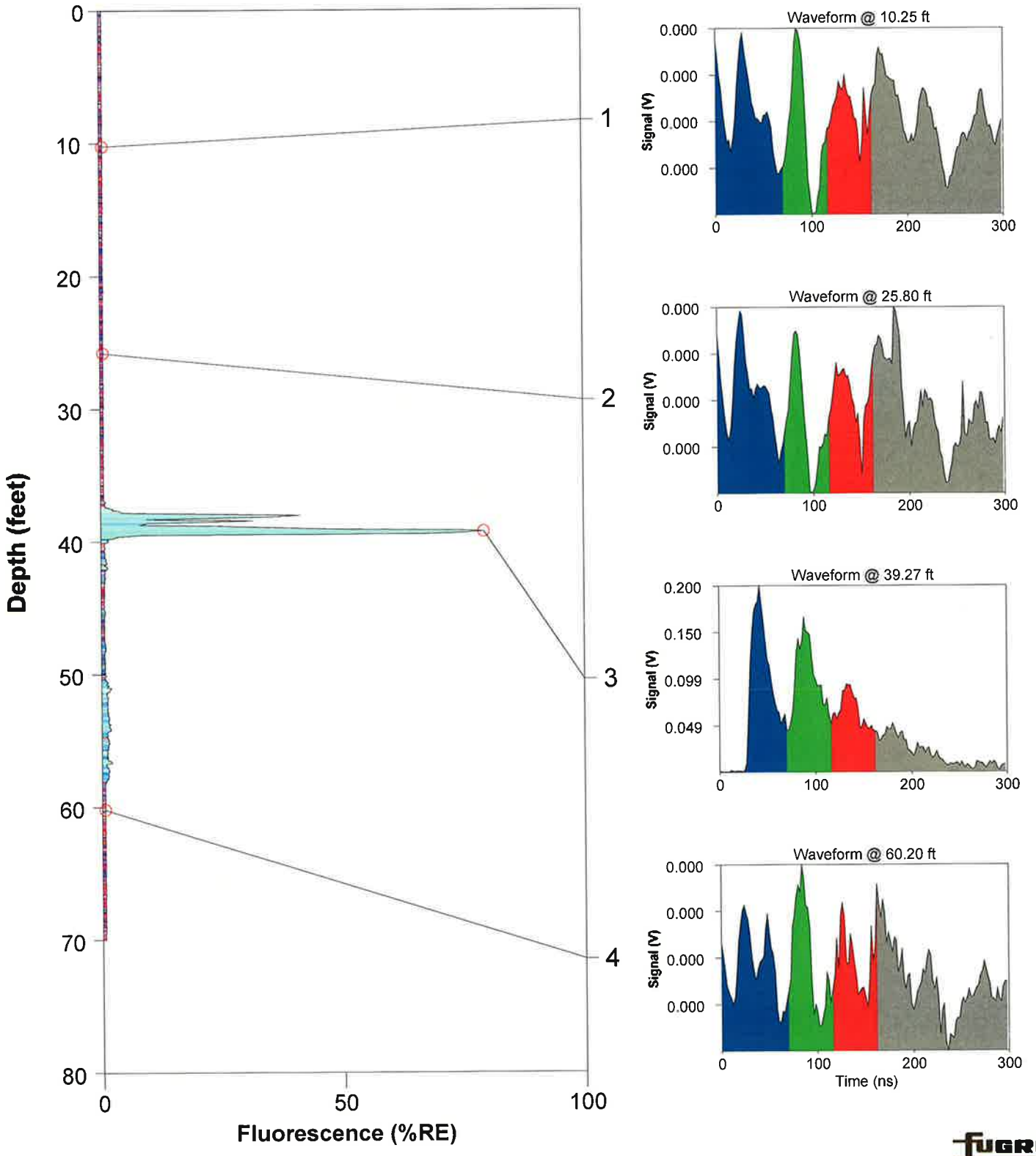
ROST Fluorescence Response Data

Site: Roxana, IL	Operator: Robert Biehle
Client: URS Corporation	Fugro Job #: 04.1913-0025
Date/Time: 5/8/2013 @ 12:08:54 PM	Max fluorescence: 79.33% @ 39.27 ft
ROST Unit: Houston	Final depth BGS: 70.01 ft

ROST-37



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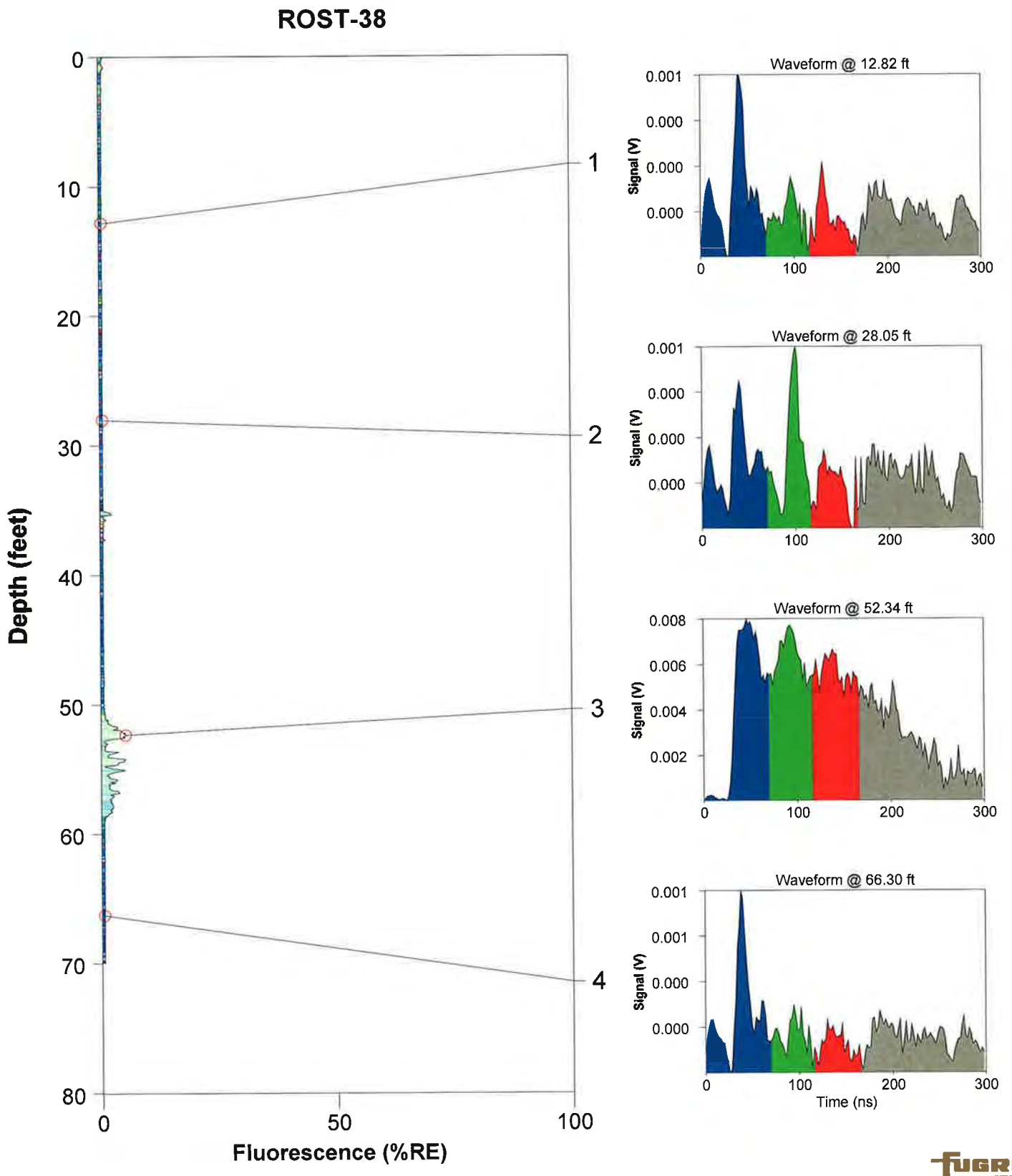
ROST Fluorescence Response Data

Site: Roxana, IL	Operator: Robert Biehle
Client: URS Corporation	Fugro Job #: 04.1913-0025
Date/Time: 5/10/2013 @ 8:25:56 AM	Max fluorescence: 5.23% @ 52.34 ft
ROST Unit: Houston	Final depth BGS: 70.00 ft



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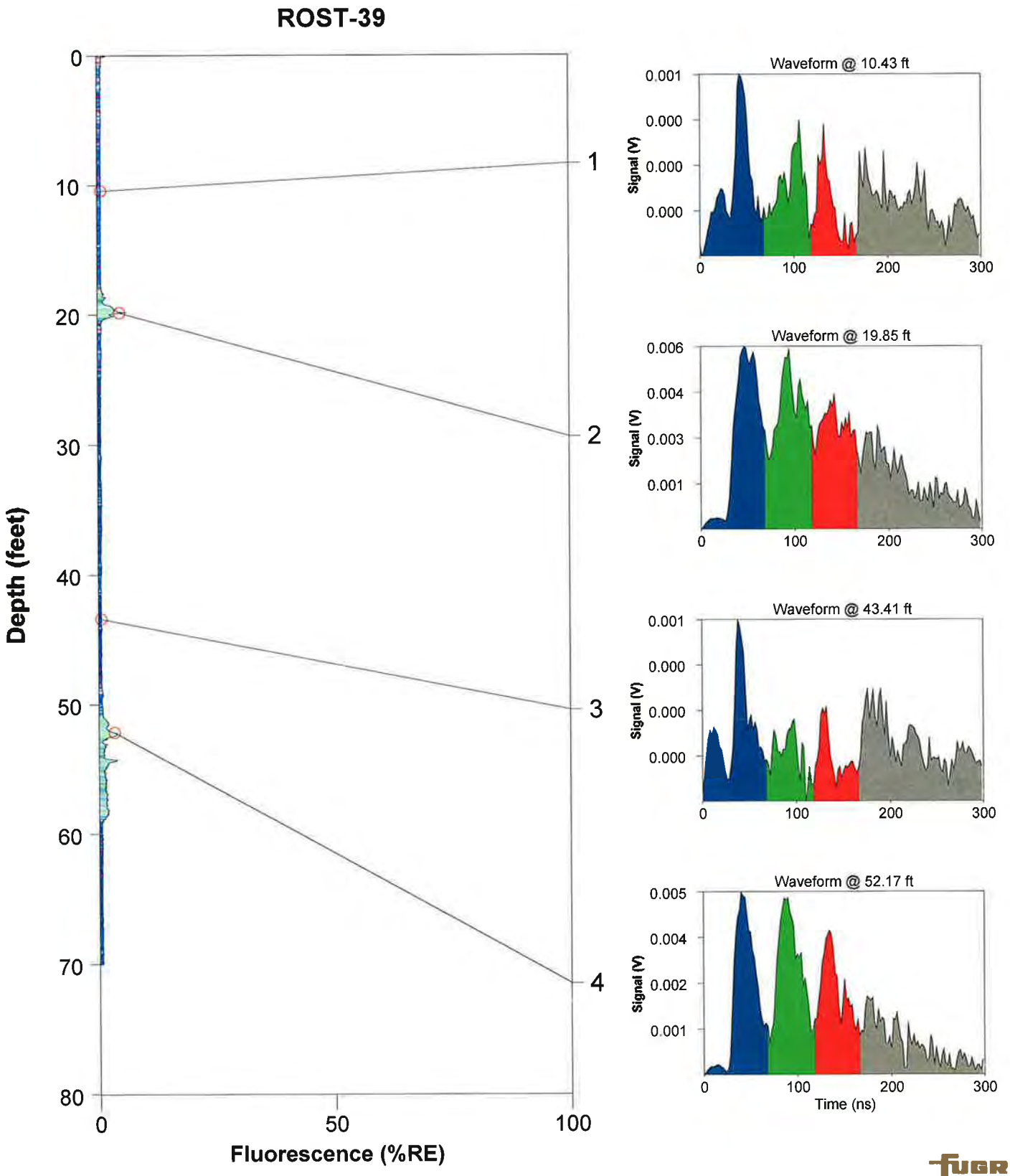
ROST Fluorescence Response Data

Site: Roxana, IL	Operator: Robert Biehle
Client: URS Corporation	Fugro Job #: 04.1913-0025
Date/Time: 5/10/2013 @ 10:07:04 AM	Max fluorescence: 6.19% @ 19.82 ft
ROST Unit: Houston	Final depth BGS: 70.02 ft



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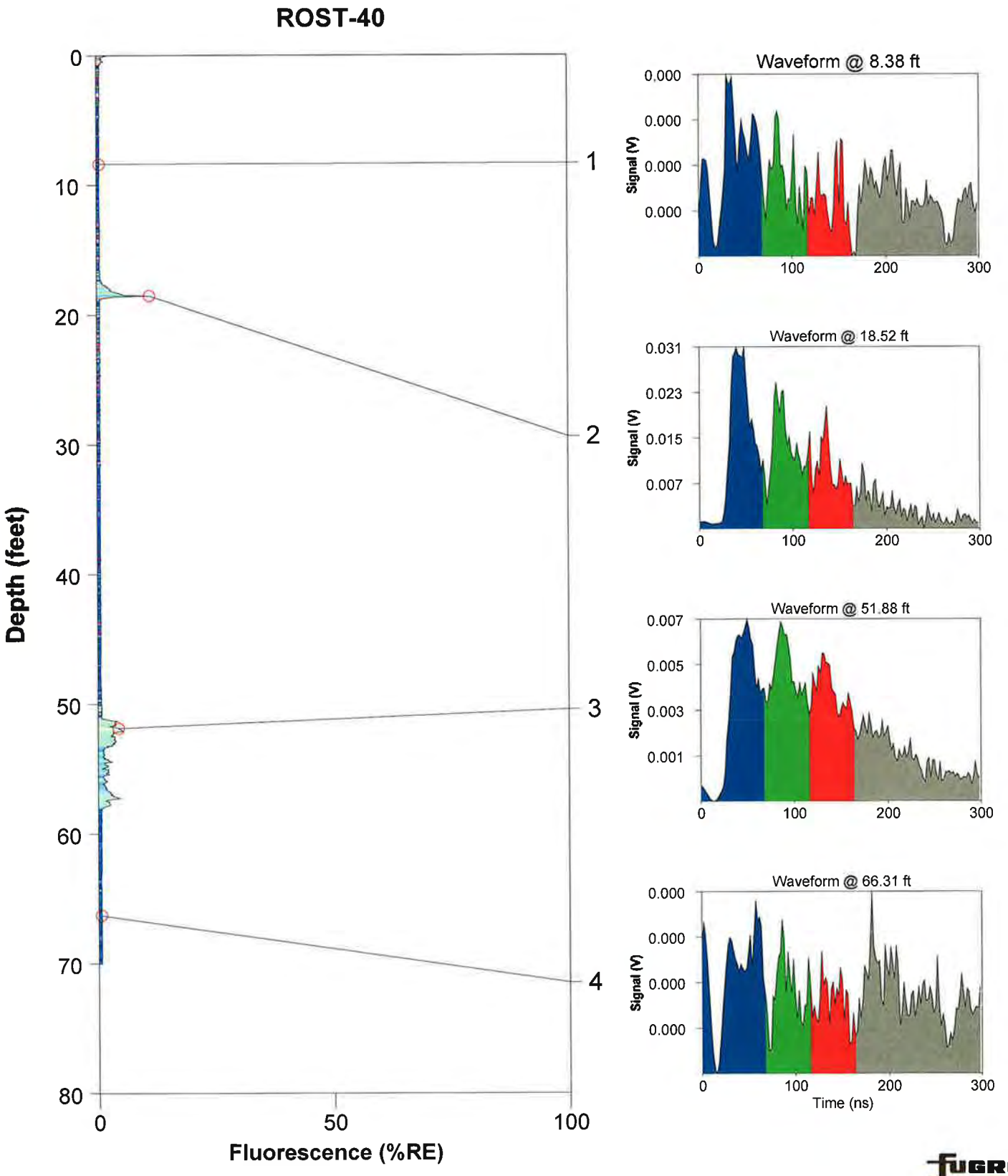
ROST Fluorescence Response Data

Site: Roxana, IL	Operator: Robert Biehle
Client: URS Corporation	Fugro Job #: 04.1913-0025
Date/Time: 5/9/2013 @ 2:45:15 PM	Max fluorescence: 11.21% @ 18.52 ft
ROST Unit: Houston	Final depth BGS: 70.05 ft



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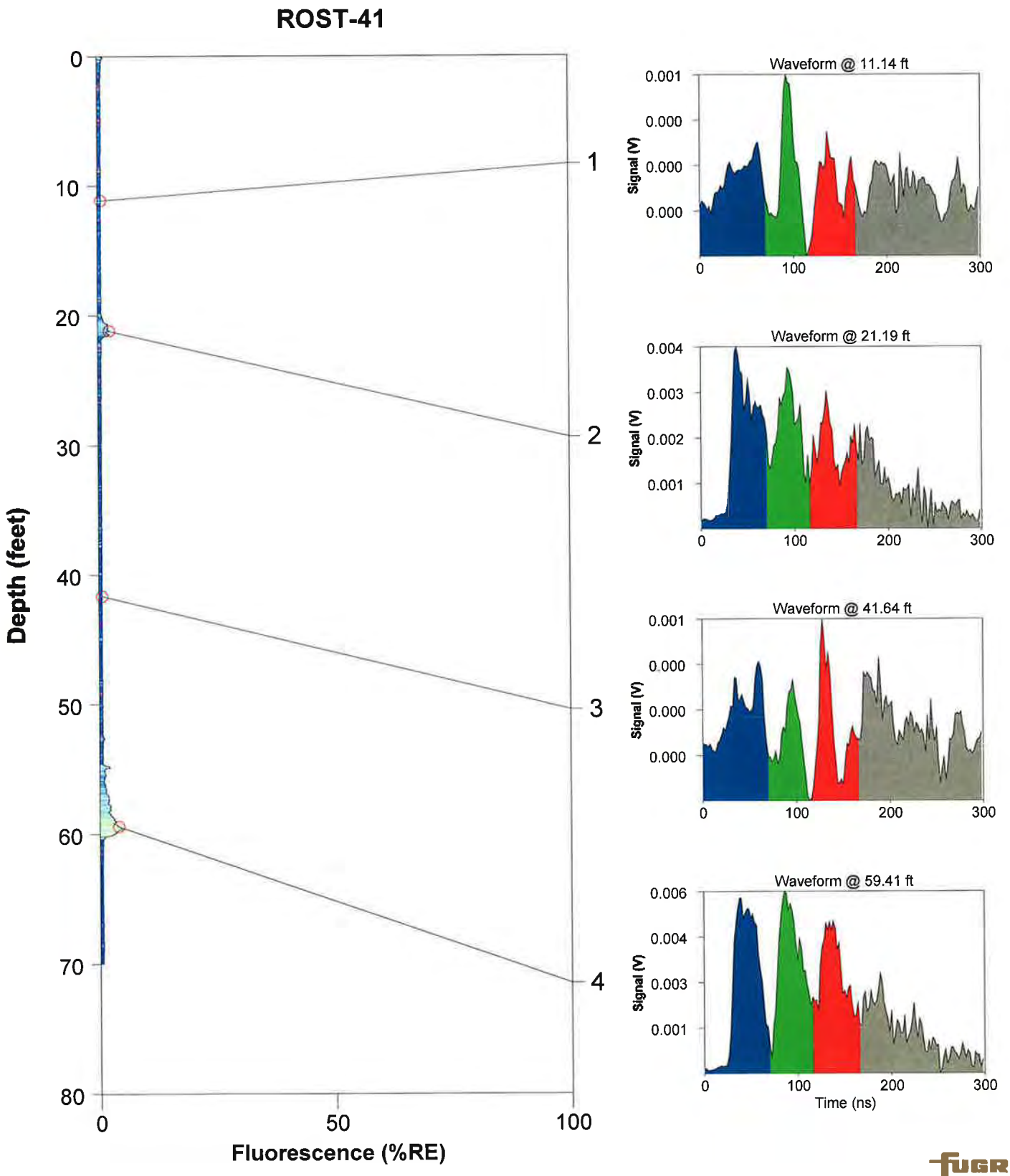
ROST Fluorescence Response Data

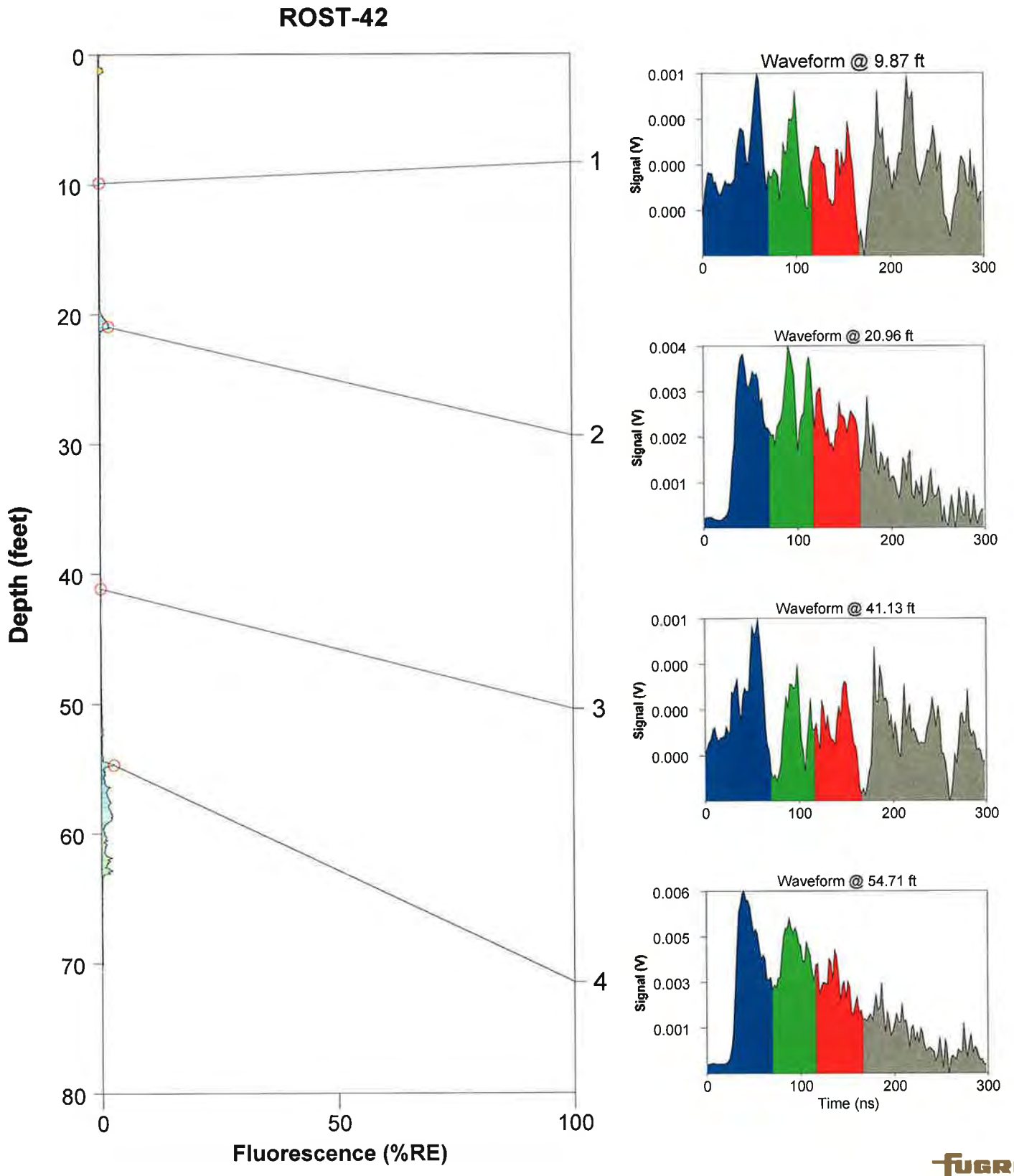
Site: Roxana, IL	Operator: Robert Biehle
Client: URS Corporation	Fugro Job #: 04.1913-0025
Date/Time: 5/10/2013 @ 11:35:26 AM	Max fluorescence: 4.92% @ 59.52 ft
ROST Unit: Houston	Final depth BGS: 70.00 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

Site: Roxana, IL	Operator: Robert Biehle
Client: URS Corporation	Fugro Job #: 04.1913-0025
Date/Time: 5/9/2013 @ 1:30:41 PM	Max fluorescence: 2.76% @ 54.71 ft
ROST Unit: Houston	Final depth BGS: 70.20 ft



Appendix 3-B. Cumulative Summary of Soil Analytical Data

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,1,1,2-Tetrachloroethane (mg/kg)			1,1,1-Trichloroethane (Methyl chloroform) (mg/kg)			1,1,2,2-Tetrachloroethane (mg/kg)			1,1,2-Trichloroethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008	< 0.00394	U		< 0.00394	U		< 0.00394	U		< 0.00394	U	
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008	< 0.006	U		< 0.006	U		< 0.006	U		< 0.006	U	
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008	< 0.00517	U		< 0.00517	U		< 0.00517	U		< 0.00517	U	
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008	< 0.006	U		< 0.006	U		< 0.006	U		< 0.006	U	
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008	< 0.00567	U		< 0.00567	U		< 0.00567	U		< 0.00567	U	
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008	< 0.00479	U		< 0.00479	U		< 0.00479	U		< 0.00479	U	
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008	< 0.00591	U		< 0.00591	U		< 0.00591	U		< 0.00591	U	
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008	< 0.00498	U		< 0.00498	U		< 0.00498	U		< 0.00498	U	
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008	< 0.00533	U		< 0.00533	U		< 0.00533	U		< 0.00533	U	
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012	< 0.56	U		< 0.23	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012	< 0.56	U		< 0.22	U		< 0.22	U		< 0.22	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012	< 0.27	U		< 0.11	U		< 0.11	U		< 0.11	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012	< 0.0051	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012	< 3.3	U		< 1.3	U		< 1.3	U		< 1.3	U	
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012	< 0.0056	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012	< 7.5	U		< 3	U		< 3	U		< 3	U	
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012	< 0.58	U		< 0.23	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012	< 13	U		< 5.2	U		< 5.2	U		< 5.2	U	
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012	< 0.74	U		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012	< 0.67	U		< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012	< 0.57	U		< 0.23	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012	< 0.62	U		< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012	< 0.57	U		< 0.23	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012	< 0.57	U		< 0.23	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012	< 0.57	U		< 0.23	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012	< 2	U		< 0.81	U		< 0.81	U		< 0.81	U	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012	< 0.0081	U		< 0.0032	U		< 0.0032	U		< 0.0032	U	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012	< 0.0064	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012	< 0.0076	U		< 0.003	U		< 0.003	U		< 0.003	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012	< 12	U		< 4.6	U		< 4.6	U		< 4.6	U	
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012	< 13	U		< 5.1	U		< 5.1	U		< 5.1	U	
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012	< 0.77	U		< 0.31	U		< 0.31	U		< 0.31	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 0.0079	U		< 0.0032	U		< 0.0032	U		< 0.0032	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 0.0072	U		< 0.0029	U		< 0.0029	U		< 0.0029	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.0045	U		< 0.0018	U		< 0.0018	U		< 0.0018	U	
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013	< 0.0059	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013	< 0.006	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.72	U		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.64	U		< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.0088	U		< 0.0035	U		< 0.0035	U		< 0.0035	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.0059	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.0054	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.0066	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.0058	U	UJ	< 0.0023	U	UJ	< 0.0023	U	UJ	< 0.0023	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.0063	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.0063	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.0079	U		< 0.0032	U		< 0.0032	U		< 0.0032	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.0068	U		< 0.0027	U		< 0.0027	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.0061	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.0064	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.0061	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.0063	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.0056	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.007	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,1,1,2-Tetrachloroethane (mg/kg)			1,1,1-Trichloroethane (Methyl chloroform) (mg/kg)			1,1,2,2-Tetrachloroethane (mg/kg)			1,1,2-Trichloroethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.0068	U		< 0.0027	U		< 0.0027	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.0064	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.0077	U		< 0.0031	U		< 0.0031	U		< 0.0031	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.59	U		< 0.24	U		< 0.24	U		< 0.24	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 1.1	U		< 0.45	U		< 0.45	U		< 0.45	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.64	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.58	U		< 0.23	U		< 0.23	U		< 0.23	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.0067	U		< 0.0027	U		< 0.0027	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 15	U		< 6.1	U		< 6.1	U		< 6.1	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.0059	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.0059	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.006	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011	< 0.62	U		< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.0066	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.87	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.71	U		< 0.28	U		< 0.28	U		< 0.28	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.0061	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.64	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.0059	U	UJ	< 0.0024	U	UJ	< 0.0024	U	UJ	< 0.0024	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.0059	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 13	U		< 5.3	U		< 5.3	U		< 5.3	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0052	U		< 0.0052	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.0059	U		< 0.0059	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0042	U		< 0.0042	U		< 0.0042	U		< 0.0042	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.0045	U		< 0.0045	U		< 0.0045	U		< 0.0045	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0046	U		< 0.0046	U		< 0.0046	U		< 0.0046	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.22	U		< 0.22	U		< 0.22	U		< 0.22	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.0048	U		< 0.0048	U		< 0.0048	U		< 0.0048	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.26	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.0049	U		< 0.002	U		< 0.002	U		< 0.002	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.006	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.0061	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.007	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.006	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.007	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.0053	U		< 0.0053	U		< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.0056	U		< 0.0056	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011	< 0.0094	U		< 0.0038	U		< 0.0038	U		< 0.0038	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011	< 0.014	U		< 0.0056	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011	< 0.0059	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0066	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011	< 0.006	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0056	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.0066	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.0059	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.0056	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0069	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011	< 0.007	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011	< 2.9	U		< 1.2	U		< 1.2	U		< 1.2	U	
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011	< 0.0064	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,1,1,2-Tetrachloroethane (mg/kg)			1,1,1-Trichloroethane (Methyl chloroform) (mg/kg)			1,1,2,2-Tetrachloroethane (mg/kg)			1,1,2-Trichloroethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0076	U		< 0.003	U		< 0.003	U		< 0.003	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011	< 0.86	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011	< 0.0077	U		< 0.0031	U		< 0.0031	U		< 0.0031	U	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012	< 0.0059	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012	< 0.0056	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013	< 0.0075	U		< 0.003	U		< 0.003	U		< 0.003	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013	< 0.0064	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013	< 0.0061	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012	< 0.0071	U		< 0.0029	U		< 0.0029	U		< 0.0029	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012	< 0.0067	U	UJ	< 0.0027	U	UJ	< 0.0027	U	UJ	< 0.0027	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012	< 0.0095	U		< 0.0038	U		< 0.0038	U		< 0.0038	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012	< 0.0091	U		< 0.0036	U		< 0.0036	U		< 0.0036	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012	< 3	U		< 1.2	U		< 1.2	U		< 1.2	U	
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012	< 2.7	U		< 1.1	U		< 1.1	U		< 1.1	U	
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012	< 0.0048	U		< 0.0019	U		< 0.0019	U		< 0.0019	U	
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012	< 0.0056	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012	< 0.0054	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012	< 0.0051	U		< 0.002	U		< 0.002	U		< 0.002	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013	< 0.0071	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013	< 37	U		< 15	U		< 15	U		< 15	U	
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013	< 0.0078	U		< 0.0031	U		< 0.0031	U		< 0.0031	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013	< 31	U		< 12	U		< 12	U		< 12	U	
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0052	U		< 0.0052	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.0062	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.0056	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.006	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 0.0073	U		< 0.0029	U		< 0.0029	U	UJ	< 0.0029	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.0064	U		< 0.0026	U		< 0.0026	U	UJ	< 0.0026	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.0054	U		< 0.0022	U		< 0.0022	U	UJ	< 0.0022	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.0055	U		< 0.0022	U		< 0.0022	U	UJ	< 0.0022	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012	< 0.61	U		< 0.24	U		< 0.24	U		< 0.24	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012	< 0.61	U		< 0.24	U		< 0.24	U		< 0.24	U	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012	< 0.0049	U		< 0.002	U		< 0.002	U		< 0.002	U	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012	< 1.2	U		< 0.5	U		< 0.5	U		< 0.5	U	
Public Works	GP-15	GP-15-29	29 ft	12/18/2012	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012	< 12	U		< 4.9	U		< 4.9	U		< 4.9	U	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012	< 0.55	U		< 0.22	U		< 0.22	U		< 0.22	U	
Public Works	GP-15	GP-15-47	47 ft	12/18/2012	< 3	U		< 1.2	U		< 1.2	U		< 1.2	U	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012	< 5	U		< 2	U		< 2	U		< 2	U	
Public Works	GP-15	GP-15-74	74 ft	12/21/2012	< 0.57	U		< 0.23	U		< 0.23	U		< 0.23	U	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012	< 0.52	U		< 0.21	U		< 0.21	U		< 0.21	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013	< 0.0065	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,1,1,2-Tetrachloroethane (mg/kg)			1,1,1-Trichloroethane (Methyl chloroform) (mg/kg)			1,1,2,2-Tetrachloroethane (mg/kg)			1,1,2-Trichloroethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013	< 0.57	U		< 0.23	U		< 0.23	U		< 0.23	U	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013	< 0.52	U		< 0.21	U		< 0.21	U		< 0.21	U	
Public Works	GP-16	GP-16-57	57 ft	1/3/2013	< 0.52	U		< 0.21	U		< 0.21	U		< 0.21	U	
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013	< 0.59	U		< 0.24	U		< 0.24	U		< 0.24	U	
Public Works	GP-16	GP-16-77	77 ft	1/3/2013	< 0.49	U		< 0.19	U		< 0.19	U		< 0.19	U	
Public Works	GP-16	GP-16-91	91 ft	1/7/2013	< 0.0048	U		< 0.0019	U		< 0.0019	U		< 0.0019	U	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013	< 2.7	U	UJ	< 1.1	U	UJ	< 1.1	U	UJ	< 1.1	U	UJ
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013	< 7	U	UJ	< 2.8	U	UJ	< 2.8	U	UJ	< 2.8	U	UJ
Public Works	GP-17	GP-17-45	45 ft	1/7/2013	< 4.1	U	UJ	< 1.6	U	UJ	< 1.6	U	UJ	< 1.6	U	UJ
Public Works	GP-17	GP-17-57	57 ft	1/7/2013	< 5.9	U	UJ	< 2.4	U	UJ	< 2.4	U	UJ	< 2.4	U	UJ
Public Works	GP-17	GP-17-65	65 ft	1/7/2013	< 0.39	U	UJ	< 0.16	U	UJ	< 0.16	U	UJ	< 0.16	U	UJ
Public Works	GP-18	GP-18-21	21 ft	1/8/2013	< 1.8	U	UJ	< 0.72	U	UJ	< 0.72	U	UJ	< 0.72	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013	< 5.1	U	UJ	< 2	U	UJ	< 2	U	UJ	< 2	U	UJ
Public Works	GP-18	GP-18-53	53 ft	1/8/2013	< 6.7	U	UJ	< 2.7	U	UJ	< 2.7	U	UJ	< 2.7	U	UJ
Public Works	GP-18	GP-18-63	63 ft	1/8/2013	< 2.6	U	UJ	< 1.1	U	UJ	< 1.1	U	UJ	< 1.1	U	UJ
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008	< 0.00498	U		< 0.00498	U		< 0.00498	U		< 0.00498	U	
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008	< 0.00549	U		< 0.00549	U		< 0.00549	U		< 0.00549	U	
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008	< 0.0055	U		< 0.0055	U		< 0.0055	U		< 0.0055	U	
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011	< 0.01	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011	< 0.0063	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011	< 0.7	U		< 0.28	U		< 0.28	U		< 0.28	U	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011	< 0.28	U		< 0.11	U		< 0.11	U		< 0.11	U	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011	< 13	U		< 5.2	U		< 5.2	U		< 5.2	U	
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011	< 3.6	U		< 1.5	U		< 1.5	U		< 1.5	U	
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011	< 1.5	U		< 0.6	U		< 0.6	U		< 0.6	U	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011	< 2.8	U		< 1.1	U		< 1.1	U		< 1.1	U	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011	< 0.46	U		< 0.18	U		< 0.18	U		< 0.18	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011	< 0.63	U		< 0.25	U		< 0.25	U		< 0.25	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011	< 2	U		< 0.81	U		< 0.81	U		< 0.81	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011	< 1.3	U		< 0.51	U		< 0.51	U		< 0.51	U	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011	< 0.73	U		< 0.29	U		< 0.29	U		< 0.29	U	
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011	< 6.1	U		< 2.4	U		< 2.4	U		< 2.4	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011	< 2.6	U		< 1	U		< 1	U		< 1	U	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011	< 1.9	U		< 0.76	U		< 0.76	U		< 0.76	U	
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011	< 2	U		< 0.78	U		< 0.78	U		< 0.78	U	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011	< 0.64	U		< 0.26	U		< 0.26	U		< 0.26	U	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009	< 0.009	U		< 0.009	U		< 0.009	U		< 0.009	U	
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010	< 0.006	U		< 0.006	U		< 0.006	U		< 0.006	U	
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008	< 0.00501	U		< 0.00501	U		< 0.00501	U		< 0.00501	U	
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011	< 0.0061	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011	< 33	U		< 13	U		< 13	U		< 13	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011	< 23	U		< 9.2	U		< 9.2	U		< 9.2	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0062	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,1,1,2-Tetrachloroethane (mg/kg)			1,1,1-Trichloroethane (Methyl chloroform) (mg/kg)			1,1,2,2-Tetrachloroethane (mg/kg)			1,1,2-Trichloroethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011	< 3.1	U		< 1.2	U		< 1.2	U		< 1.2	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011	< 2.5	U		< 1	U		< 1	U		< 1	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011	< 0.0056	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012	< 0.0051	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012	< 0.0051	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011	< 0.0065	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011	< 0.0065	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011	< 2.2	U		< 0.89	U		< 0.89	U		< 0.89	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
WRR	GP-7	GP-7-37	3 ft	8/26/2009	< 0.341	U	UJ	< 0.341	U	UJ	< 0.341	U	UJ	< 0.341	U	UJ
WRR	GP-7	GP-7-37D	3 ft	8/26/2009	< 0.318	U	UJ	< 0.318	U	UJ	< 0.318	U	UJ	< 0.318	U	UJ
WRR	GP-7	GP-7-41	3 ft	8/26/2009	< 0.657	U	UJ	< 0.657	U	UJ	< 0.657	U	UJ	< 0.657	U	UJ
WRR	GP-8	GP-8-13	13 ft	8/26/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
WRR	GP-8	GP-8-35	35 ft	8/26/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
WRR	GP-8	GP-8-47	47 ft	8/26/2009	< 0.006	U		< 0.006	U		< 0.006	U		< 0.006	U	
WRR	GP-8	GP-8-47D	47 ft	8/26/2009	< 0.235	U		< 0.235	U		< 0.235	U		< 0.235	U	
WRR	GP-9	GP-9-18	18 ft	8/25/2009	< 5.07	U		< 5.07	U		< 5.07	U		< 5.07	U	
WRR	GP-9	GP-9-37	37 ft	8/25/2009	< 0.006	U		< 0.006	U		< 0.006	U		< 0.006	U	
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 1.1	U		< 0.45	U		< 0.45	U		< 0.45	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.49	U		< 0.2	U		< 0.2	U		< 0.2	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.52	U		< 0.21	U		< 0.21	U		< 0.21	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.011	U		< 0.0043	U		< 0.0043	U		< 0.0043	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.0061	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 1	U		< 0.4	U		< 0.4	U		< 0.4	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 4.9	U		< 2	U		< 2	U		< 2	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008	< 0.00391	U		< 0.00391	U		< 0.00391	U		< 0.00391	U	
WRR	MW-06	B-6-23	23 ft	5/19/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011	< 0.0064	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011	< 0.0071	U		< 0.0029	U		< 0.0029	U		< 0.0029	U	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011	< 0.65	U		< 0.26	U		< 0.26	U		< 0.26	U	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011	< 3.1	U		< 1.2	U		< 1.2	U		< 1.2	U	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011	< 3	U		< 1.2	U		< 1.2	U		< 1.2	U	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 3.4	U		< 1.4	U		< 1.4	U		< 1.4	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011	< 12	U		< 5	U		< 5	U		< 5	U	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011	< 7.9	U		< 3.1	U		< 3.1	U		< 3.1	U	
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011	< 1.4	U		< 0.57	U		< 0.57	U		< 0.57	U	
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011	< 15	U		< 6	U		< 6	U		< 6	U	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 0.72	U		< 0.29	U		< 0.29	U		< 0.29	U	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011	< 6.2	U		< 2.5	U		< 2.5	U		< 2.5	U	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011	< 0.3	U		< 0.12	U		< 0.12	U		< 0.12	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011	< 0.83	U		< 0.33	U		< 0.33	U		< 0.33	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 1.2	U		< 0.46	U		< 0.46	U		< 0.46	U	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011	< 0.0083	U		< 0.0033	U		< 0.0033	U		< 0.0033	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011	< 0.0056	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011	< 0.91	U		< 0.37	U		< 0.37	U		< 0.37	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011	< 0.8	U		< 0.32	U		< 0.32	U		< 0.32	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011	< 1	U		< 0.41	U		< 0.41	U		< 0.41	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,1,1,2-Tetrachloroethane (mg/kg)			1,1,1-Trichloroethane (Methyl chloroform) (mg/kg)			1,1,2,2-Tetrachloroethane (mg/kg)			1,1,2-Trichloroethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011	< 6.8	U		< 2.7	U		< 2.7	U		< 2.7	U	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011	< 15	U		< 6	U		< 6	U		< 6	U	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.94	U		< 0.38	U		< 0.38	U		< 0.38	U	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011	< 0.6	U		< 0.24	U		< 0.24	U		< 0.24	U	
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011	< 0.61	U		< 0.25	U		< 0.25	U		< 0.25	U	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011	< 0.6	U		< 0.24	U		< 0.24	U		< 0.24	U	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.8	U		< 0.32	U		< 0.32	U		< 0.32	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.006	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.0062	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011	< 0.0061	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.0061	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011	< 0.0056	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011	< 1.4	U		< 0.56	U		< 0.56	U		< 0.56	U	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011	< 1.5	U		< 0.6	U		< 0.6	U		< 0.6	U	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.79	U		< 0.32	U		< 0.32	U		< 0.32	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011	< 1.2	U		< 0.47	U		< 0.47	U		< 0.47	U	
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011	< 5.6	U		< 2.2	U		< 2.2	U		< 2.2	U	
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011	< 0.0065	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.0061	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0051	U		< 0.002	U		< 0.002	U		< 0.002	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.007	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.0056	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 1.3	U		< 0.52	U		< 0.52	U		< 0.52	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0059	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.6	U		< 0.24	U		< 0.24	U		< 0.24	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011	< 6.2	U		< 2.5	U		< 2.5	U		< 2.5	U	
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011	< 1.6	U		< 0.63	U		< 0.63	U		< 0.63	U	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 3.1	U		< 1.2	U		< 1.2	U		< 1.2	U	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011	< 1.4	U		< 0.56	U		< 0.56	U		< 0.56	U	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 2.9	U		< 1.2	U		< 1.2	U		< 1.2	U	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 140	U		< 55	U		< 55	U		< 55	U	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 25	U		< 10	U		< 10	U		< 10	U	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.6	U		< 0.24	U		< 0.24	U		< 0.24	U	
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011	< 8.4	U		< 3.4	U		< 3.4	U		< 3.4	U	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011	< 0.61	U		< 0.24	U		< 0.24	U		< 0.24	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011	< 4.8	U		< 1.9	U		< 1.9	U		< 1.9	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011	< 1.6	U		< 0.64	U		< 0.64	U		< 0.64	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011	< 6.3	U		< 2.5	U		< 2.5	U		< 2.5	U	
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011	< 0.54	U		< 0.22	U		< 0.22	U		< 0.22	U	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011	< 0.62	U		< 0.25	U		< 0.25	U		< 0.25	U	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011	< 3	U		< 1.2	U		< 1.2	U		< 1.2	U	
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011	< 2.2	U		< 0.89	U		< 0.89	U		< 0.89	U	
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 2.5	U		< 1	U		< 1	U		< 1	U	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011	< 1.2	U		< 0.48	U		< 0.48	U		< 0.48	U	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011	< 0.0065	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011	< 0.0065	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**1,1,1,2-Tetrachloroethane (mg/kg)**			**1,1,1-Trichloroethane (Methyl chloroform) (mg/kg)**			**1,1,2,2-Tetrachloroethane (mg/kg)**			**1,1,2-Trichloroethane (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 0.0069	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0056	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0064	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.0064	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.0054	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.0063	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0064	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0063	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.0063	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.0049	U		< 0.002	U		< 0.002	U		< 0.002	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.006	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0061	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.0048	U		< 0.0019	U		< 0.0019	U		< 0.0019	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,1-Dichloroethane (mg/kg)			1,1-Dichloroethene (mg/kg)			1,1-Dichloropropene (mg/kg)			1,2,3-Trichlorobenzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008	< 0.00394	U		< 0.00394	U		< 0.00394	U		< 0.00394	U	
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008	< 0.006	U		< 0.006	U		< 0.006	U		< 0.006	U	
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008	< 0.00517	U		< 0.00517	U		< 0.00517	U		< 0.00517	U	
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008	< 0.006	U		< 0.006	U		< 0.006	U		< 0.006	U	
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008	< 0.00567	U		< 0.00567	U		< 0.00567	U		< 0.00567	U	
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008	< 0.00479	U		< 0.00479	U		< 0.00479	U		< 0.00479	U	
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008	< 0.00591	U		< 0.00591	U		< 0.00591	U		< 0.00591	U	
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008	< 0.00498	U		< 0.00498	U		< 0.00498	U		< 0.00498	U	
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008	< 0.00533	U		< 0.00533	U		< 0.00533	U		< 0.00533	U	
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012	< 0.23	U		< 0.23	U		< 0.56	U		< 0.56	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012	< 0.22	U		< 0.22	U		< 0.56	U		< 0.56	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012	< 0.11	U		< 0.11	U		< 0.27	U		< 0.27	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012	< 0.0021	U		< 0.0021	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012	< 1.3	U		< 1.3	U		< 3.3	U		< 3.3	U	
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012	< 0.0022	U		< 0.0022	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012	< 3	U		< 3	U		< 7.5	U		< 7.5	U	
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012	< 0.23	U		< 0.23	U		< 0.58	U		0.254	J	
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012	< 5.2	U		< 5.2	U		< 13	U		< 13	U	
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012	< 0.29	U		< 0.29	U		< 0.74	U		< 0.74	U	
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012	< 0.27	U		< 0.27	U		< 0.67	U		< 0.67	U	
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012	< 0.23	U		< 0.23	U		< 0.57	U		< 0.57	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012	< 0.25	U		< 0.25	U		< 0.62	U		< 0.62	U	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012	< 0.23	U		< 0.23	U		< 0.57	U		< 0.57	U	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012	< 0.23	U		< 0.23	U		< 0.57	U		< 0.57	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012	< 0.23	U		< 0.23	U		< 0.57	U		< 0.57	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012	< 0.81	U		< 0.81	U		< 2	U		< 2	U	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012	< 0.0032	U		< 0.0032	U		< 0.0081	U		< 0.0081	U	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012	< 0.0026	U		< 0.0026	U		< 0.0064	U		< 0.0064	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012	< 0.003	U		< 0.003	U		< 0.0076	U		< 0.0076	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012	< 4.6	U		< 4.6	U		< 12	U		< 12	U	
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012	< 5.1	U		< 5.1	U		< 13	U		< 13	U	
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012	< 0.31	U		< 0.31	U		< 0.77	U		< 0.77	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 0.0032	U		< 0.0032	U		< 0.0079	U		< 0.0079	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 0.0029	U		< 0.0029	U		< 0.0072	U		< 0.0072	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.0018	U		< 0.0018	U		< 0.0045	U		< 0.0045	U	
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013	< 0.0024	U		< 0.0024	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013	< 0.0024	U		< 0.0024	U		< 0.006	U		< 0.006	U	
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0057	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0057	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0057	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.29	U		< 0.29	U		< 0.72	U		< 0.72	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.25	U		< 0.25	U		< 0.64	U		< 0.64	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0055	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.0035	U		< 0.0035	U		< 0.0088	U		< 0.0088	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.0024	U		< 0.0024	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.0021	U		< 0.0021	U		< 0.0054	U		< 0.0054	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.0026	U		< 0.0026	U		< 0.0066	U		< 0.0066	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.0023	U	UJ	< 0.0023	U	UJ	< 0.0058	U	UJ	< 0.0058	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.0025	U		< 0.0025	U		< 0.0063	U		< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.0025	U		< 0.0025	U		< 0.0063	U		< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.0032	U		< 0.0032	U		< 0.0079	U		< 0.0079	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.0027	U		< 0.0027	U		< 0.0068	U		< 0.0068	U	UJ
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0061	U	UJ
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0057	U	UJ
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.0026	U		< 0.0026	U		< 0.0064	U		< 0.0064	U	UJ
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0061	U	UJ
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.0025	U		< 0.0025	U		< 0.0063	U		< 0.0063	U	UJ
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.0023	U		< 0.0023	U		< 0.0056	U		< 0.0056	U	UJ
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.0028	U		< 0.0028	U		< 0.007	U		< 0.007	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,1-Dichloroethane (mg/kg)			1,1-Dichloroethene (mg/kg)			1,1-Dichloropropene (mg/kg)			1,2,3-Trichlorobenzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.0027	U		< 0.0027	U		< 0.0068	U		< 0.0068	U	UJ
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.0025	U		< 0.0025	U		< 0.0064	U		< 0.0064	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.0031	U		< 0.0031	U		< 0.0077	U		< 0.0077	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.24	U		< 0.24	U		< 0.59	U		< 0.59	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.45	U		< 0.45	U		< 1.1	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.26	U		< 0.26	U		< 0.64	U		< 0.64	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.23	U		< 0.23	U		< 0.58	U		< 0.58	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.0027	U		< 0.0027	U		< 0.0067	U		< 0.0067	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 6.1	U		< 6.1	U		< 15	U		< 15	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.0024	U		< 0.0024	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.0024	U		< 0.0024	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0053	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0054	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.0024	U		< 0.0024	U		< 0.006	U		< 0.006	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0055	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0058	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011	< 0.25	U		< 0.25	U		< 0.62	U		< 0.62	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.0026	U		< 0.0026	U		< 0.0066	U		< 0.0066	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.35	U		< 0.35	U		< 0.87	U		< 0.87	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.28	U		< 0.28	U		< 0.71	U		< 0.71	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0061	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.26	U		< 0.26	U		< 0.64	U		< 0.64	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.0024	U	UJ	< 0.0024	U	UJ	< 0.0059	U	UJ	< 0.0059	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.0024	U		< 0.0024	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 5.3	U		< 5.3	U		< 13	U		< 13	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0052	U		< 0.0052	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.0059	U		< 0.0059	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0042	U		< 0.0042	U		< 0.0042	U		< 0.0042	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.0045	U		< 0.0045	U		< 0.0045	U		< 0.0045	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0046	U		< 0.0046	U		< 0.0046	U		< 0.0046	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.22	U		< 0.22	U		< 0.22	U		< 0.22	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.0048	U		< 0.0048	U		< 0.0048	U		< 0.0048	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.26	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.002	U		< 0.002	U		< 0.0049	U		< 0.0049	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.0024	U		< 0.0024	U		< 0.006	U		< 0.006	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.0025	U		< 0.0025	U		< 0.0061	U		< 0.0061	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.0028	U		< 0.0028	U		< 0.007	U		< 0.007	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.0024	U		< 0.0024	U		< 0.006	U		< 0.006	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.0028	U		< 0.0028	U		< 0.007	U		< 0.007	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.0053	U		< 0.0053	U		< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.0056	U		< 0.0056	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0055	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011	< 0.0038	U		< 0.0038	U		< 0.0094	U		< 0.0094	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011	< 0.0056	U		< 0.0056	U		< 0.014	U		< 0.014	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011	< 0.0024	U		< 0.0024	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0026	U		< 0.0026	U		< 0.0066	U		< 0.0066	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011	< 0.0024	U		< 0.0024	U		< 0.006	U		< 0.006	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0055	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0022	U		< 0.0022	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.0026	U		< 0.0026	U		< 0.0066	U		< 0.0066	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.0024	U		< 0.0024	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.0022	U		< 0.0022	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0028	U		< 0.0028	U		< 0.0069	U		< 0.0069	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011	< 0.0028	U		< 0.0028	U		< 0.007	U		< 0.007	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011	< 1.2	U		< 1.2	U		< 2.9	U		3.02		
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011	< 0.0025	U		< 0.0025	U		< 0.0064	U		< 0.0064	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,1-Dichloroethane (mg/kg)			1,1-Dichloroethene (mg/kg)			1,1-Dichloropropene (mg/kg)			1,2,3-Trichlorobenzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011	< 0.003	U		< 0.003	U		< 0.0076	U		< 0.0076	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011	< 0.35	U		< 0.35	U		< 0.86	U		< 0.86	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011	< 0.0031	U		< 0.0031	U		< 0.0077	U		< 0.0077	U	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012	< 0.0023	U		< 0.0023	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012	< 0.0022	U		< 0.0022	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013	< 0.003	U		< 0.003	U		< 0.0075	U		< 0.0075	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013	< 0.0026	U		< 0.0026	U		< 0.0064	U		< 0.0064	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0061	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0058	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012	< 0.0029	U		< 0.0029	U		< 0.0071	U		< 0.0071	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012	< 0.0027	U	UJ	< 0.0027	U	UJ	< 0.0067	U	UJ	< 0.0067	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012	< 0.0038	U		< 0.0038	U		< 0.0095	U		< 0.0095	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012	< 0.0036	U		< 0.0036	U		< 0.0091	U		< 0.0091	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012	< 1.2	U		< 1.2	U		< 3	U		< 3	U	UJ
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012	< 1.1	U		< 1.1	U		< 2.7	U		< 2.7	U	UJ
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012	< 0.0019	U		< 0.0019	U		< 0.0048	U		< 0.0048	U	
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012	< 0.0023	U		< 0.0023	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0055	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012	< 0.0021	U		< 0.0021	U		< 0.0054	U		< 0.0054	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012	< 0.002	U		< 0.002	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0055	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013	< 0.0028	U		< 0.0028	U		< 0.0071	U		< 0.0071	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013	< 15	U		< 15	U		< 37	U		< 37	U	
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013	< 0.0031	U		< 0.0031	U		< 0.0078	U		< 0.0078	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013	< 12	U		< 12	U		< 31	U		< 31	U	
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0052	U		< 0.0052	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.0025	U		< 0.0025	U		< 0.0062	U		< 0.0062	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0055	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.0023	U		< 0.0023	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0058	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.0024	U		< 0.0024	U		< 0.006	U		< 0.006	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 0.0029	U		< 0.0029	U		< 0.0073	U		< 0.0073	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.0026	U		< 0.0026	U		< 0.0064	U		< 0.0064	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0054	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0055	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0058	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012	< 0.24	U		< 0.24	U		< 0.61	U		< 0.61	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012	< 0.24	U		< 0.24	U		< 0.61	U		< 0.61	U	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012	0.00036	J		< 0.002	U		< 0.0049	U		< 0.0049	U	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012	< 0.5	U		< 0.5	U		< 1.2	U		< 1.2	U	
Public Works	GP-15	GP-15-29	29 ft	12/18/2012	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0055	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012	< 4.9	U		< 4.9	U		< 12	U		< 12	U	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012	< 0.22	U		< 0.22	U		< 0.55	U		< 0.55	U	
Public Works	GP-15	GP-15-47	47 ft	12/18/2012	< 1.2	U		< 1.2	U		< 3	U		< 3	U	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012	< 2	U		< 2	U		< 5	U		< 5	U	
Public Works	GP-15	GP-15-74	74 ft	12/21/2012	< 0.23	U		< 0.23	U		< 0.57	U		< 0.57	U	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012	< 0.21	U		< 0.21	U		< 0.52	U		< 0.52	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013	< 0.0026	U		< 0.0026	U		< 0.0065	U		< 0.0065	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,1-Dichloroethane (mg/kg)			1,1-Dichloroethene (mg/kg)			1,1-Dichloropropene (mg/kg)			1,2,3-Trichlorobenzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013	< 0.23	U		< 0.23	U		< 0.57	U		< 0.57	U	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013	< 0.21	U		< 0.21	U		< 0.52	U		< 0.52	U	
Public Works	GP-16	GP-16-57	57 ft	1/3/2013	< 0.21	U		< 0.21	U		< 0.52	U		< 0.52	U	
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013	< 0.24	U		< 0.24	U		< 0.59	U		< 0.59	U	
Public Works	GP-16	GP-16-77	77 ft	1/3/2013	< 0.19	U		< 0.19	U		< 0.49	U		< 0.49	U	
Public Works	GP-16	GP-16-91	91 ft	1/7/2013	< 0.0019	U		< 0.0019	U		< 0.0048	U		< 0.0048	U	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013	< 1.1	U	UJ	< 1.1	U	UJ	< 2.7	U	UJ	< 2.7	U	UJ
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013	< 2.8	U	UJ	< 2.8	U	UJ	< 7	U	UJ	< 7	U	UJ
Public Works	GP-17	GP-17-45	45 ft	1/7/2013	< 1.6	U	UJ	< 1.6	U	UJ	< 4.1	U	UJ	< 4.1	U	UJ
Public Works	GP-17	GP-17-57	57 ft	1/7/2013	< 2.4	U	UJ	< 2.4	U	UJ	< 5.9	U	UJ	< 5.9	U	UJ
Public Works	GP-17	GP-17-65	65 ft	1/7/2013	< 0.16	U	UJ	< 0.16	U	UJ	< 0.39	U	UJ	< 0.39	U	UJ
Public Works	GP-18	GP-18-21	21 ft	1/8/2013	< 0.72	U	UJ	< 0.72	U	UJ	< 1.8	U	UJ	< 1.8	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013	< 2	U	UJ	< 2	U	UJ	< 5.1	U	UJ	< 5.1	U	UJ
Public Works	GP-18	GP-18-53	53 ft	1/8/2013	< 2.7	U	UJ	< 2.7	U	UJ	< 6.7	U	UJ	< 6.7	U	UJ
Public Works	GP-18	GP-18-63	63 ft	1/8/2013	< 1.1	U	UJ	< 1.1	U	UJ	< 2.6	U	UJ	< 2.6	U	UJ
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008	< 0.00498	U		< 0.00498	U		< 0.00498	U		< 0.00498	U	
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008	< 0.00549	U		< 0.00549	U		< 0.00549	U		< 0.00549	U	
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008	< 0.0055	U		< 0.0055	U		< 0.0055	U		< 0.0055	U	
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011	< 0.004	U		< 0.004	U		< 0.01	U		< 0.01	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011	< 0.0025	U		< 0.0025	U		< 0.0063	U		< 0.0063	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011	< 0.28	U		< 0.28	U		< 0.7	U		< 0.7	U	UJ
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011	< 0.11	U		< 0.11	U		< 0.28	U		< 0.28	U	UJ
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011	< 5.2	U		< 5.2	U		< 13	U		< 13	U	UJ
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011	< 1.5	U		< 1.5	U		< 3.6	U		< 3.6	U	UJ
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011	< 0.6	U		< 0.6	U		< 1.5	U		< 1.5	U	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011	< 1.1	U		< 1.1	U		< 2.8	U		< 2.8	U	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011	< 0.18	U		< 0.18	U		< 0.46	U		< 0.46	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011	< 0.25	U		< 0.25	U		< 0.63	U		< 0.63	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011	< 0.81	U		< 0.81	U		< 2	U		< 2	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011	< 0.51	U		< 0.51	U		< 1.3	U		< 1.3	U	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011	< 0.29	U		< 0.29	U		< 0.73	U		< 0.73	U	
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011	< 2.4	U		< 2.4	U		< 6.1	U		< 6.1	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011	< 1	U		< 1	U		< 2.6	U		< 2.6	U	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011	< 0.76	U		< 0.76	U		< 1.9	U		< 1.9	U	
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0052	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011	< 0.78	U		< 0.78	U		< 2	U		< 2	U	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011	< 0.26	U		< 0.26	U		< 0.64	U		< 0.64	U	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009	< 0.009	U		< 0.009	U		< 0.009	U		< 0.009	U	
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010	< 0.006	U		< 0.006	U		< 0.006	U		< 0.006	U	
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008	< 0.00501	U		< 0.00501	U		< 0.00501	U		< 0.00501	U	
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0061	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011	< 13	U		< 13	U		< 33	U		< 33	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011	< 9.2	U		< 9.2	U		< 23	U		< 23	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0055	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0025	U		< 0.0025	U		< 0.0062	U		< 0.0062	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0053	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,1-Dichloroethane (mg/kg)			1,1-Dichloroethene (mg/kg)			1,1-Dichloropropene (mg/kg)			1,2,3-Trichlorobenzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011	< 1.2	U		< 1.2	U		< 3.1	U		< 3.1	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011	< 1	U		< 1	U		< 2.5	U		< 2.5	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0054	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0055	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0053	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0054	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0052	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011	< 0.0022	U		< 0.0022	U		< 0.0056	U		< 0.0056	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0054	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0052	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012	< 0.0021	U		< 0.0021	U		< 0.0051	U		< 0.0051	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0053	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012	< 0.0021	U		< 0.0021	U		< 0.0051	U		< 0.0051	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011	< 0.0026	U		< 0.0026	U		< 0.0065	U		< 0.0065	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011	< 0.0026	U		< 0.0026	U		< 0.0065	U		< 0.0065	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011	< 0.89	U		< 0.89	U		< 2.2	U		< 2.2	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
WRR	GP-7	GP-7-37	3 ft	8/26/2009	< 0.341	U	UJ	< 0.341	U	UJ	< 0.341	U	UJ	< 0.341	U	UJ
WRR	GP-7	GP-7-37D	3 ft	8/26/2009	< 0.318	U	UJ	< 0.318	U	UJ	< 0.318	U	UJ	< 0.318	U	UJ
WRR	GP-7	GP-7-41	3 ft	8/26/2009	< 0.657	U	UJ	< 0.657	U	UJ	< 0.657	U	UJ	< 0.657	U	UJ
WRR	GP-8	GP-8-13	13 ft	8/26/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
WRR	GP-8	GP-8-35	35 ft	8/26/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
WRR	GP-8	GP-8-47	47 ft	8/26/2009	< 0.006	U		< 0.006	U		< 0.006	U		< 0.006	U	
WRR	GP-8	GP-8-47D	47 ft	8/26/2009	< 0.235	U		< 0.235	U		< 0.235	U		< 0.235	U	
WRR	GP-9	GP-9-18	18 ft	8/25/2009	< 5.07	U		< 5.07	U		< 5.07	U		< 5.07	U	
WRR	GP-9	GP-9-37	37 ft	8/25/2009	< 0.006	U		< 0.006	U		< 0.006	U		< 0.006	U	
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.45	U		< 0.45	U		< 1.1	U		< 1.1	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.2	U		< 0.2	U		< 0.49	U		< 0.49	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.21	U		< 0.21	U		< 0.52	U		< 0.52	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.0043	U		< 0.0043	U		< 0.011	U		< 0.011	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0052	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0061	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0057	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.4	U		< 0.4	U		< 1	U		< 1	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 2	U		< 2	U		< 4.9	U		< 4.9	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008	< 0.00391	U		< 0.00391	U		< 0.00391	U		< 0.00391	U	
WRR	MW-06	B-6-23	23 ft	5/19/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011	< 0.0026	U		< 0.0026	U		< 0.0064	U		< 0.0064	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011	< 0.0029	U		< 0.0029	U		< 0.0071	U		< 0.0071	U	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011	< 0.26	U		< 0.26	U		< 0.65	U		< 0.65	U	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011	< 1.2	U		< 1.2	U		< 3.1	U		< 3.1	U	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011	< 1.2	U		< 1.2	U		< 3	U		< 3	U	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 1.4	U		< 1.4	U		< 3.4	U		< 3.4	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011	< 5	U		< 5	U		< 12	U		< 12	U	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011	< 3.1	U		< 3.1	U		< 7.9	U		< 7.9	U	
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011	< 0.57	U		< 0.57	U		< 1.4	U		< 1.4	U	
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011	< 6	U		< 6	U		< 15	U		< 15	U	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 0.29	U		< 0.29	U		< 0.72	U		< 0.72	U	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011	< 2.5	U		< 2.5	U		< 6.2	U		< 6.2	U	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011	< 0.12	U		< 0.12	U		< 0.3	U		< 0.3	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011	< 0.33	U		< 0.33	U		< 0.83	U		< 0.83	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0058	U	
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.46	U		< 0.46	U		< 1.2	U		< 1.2	U	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0057	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0055	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011	< 0.0033	U		< 0.0033	U		< 0.0083	U		< 0.0083	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0054	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011	< 0.0022	U		< 0.0022	U		< 0.0056	U		< 0.0056	U	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011	< 0.37	U		< 0.37	U		< 0.91	U		< 0.91	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011	< 0.32	U		< 0.32	U		< 0.8	U		< 0.8	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011	< 0.41	U		< 0.41	U		< 1	U		< 1	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,1-Dichloroethane (mg/kg)			1,1-Dichloroethene (mg/kg)			1,1-Dichloropropene (mg/kg)			1,2,3-Trichlorobenzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011	< 2.7	U		< 2.7	U		< 6.8	U		< 6.8	U	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011	< 6	U		< 6	U		< 15	U		< 15	U	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.38	U		< 0.38	U		< 0.94	U		< 0.94	U	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0055	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011	< 0.24	U		< 0.24	U		< 0.6	U		< 0.6	U	
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011	< 0.25	U		< 0.25	U		< 0.61	U		< 0.61	U	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0058	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011	< 0.24	U		< 0.24	U		< 0.6	U		< 0.6	U	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.32	U		< 0.32	U		< 0.8	U		< 0.8	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.0024	U		< 0.0024	U		< 0.006	U		< 0.006	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0058	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0052	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.0025	U		< 0.0025	U		< 0.0062	U		< 0.0062	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0061	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0057	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0052	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.0025	U		< 0.0025	U		< 0.0061	U		< 0.0061	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011	< 0.0022	U		< 0.0022	U		< 0.0056	U		< 0.0056	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0055	U	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011	< 0.56	U		< 0.56	U		< 1.4	U		< 1.4	U	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011	< 0.6	U		< 0.6	U		< 1.5	U		< 1.5	U	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.32	U		< 0.32	U		< 0.79	U		< 0.79	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011	< 0.47	U		< 0.47	U		< 1.2	U		< 1.2	U	
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011	< 2.2	U		< 2.2	U		< 5.6	U		< 5.6	U	
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011	< 0.0026	U		< 0.0026	U		< 0.0065	U		< 0.0065	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0053	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0058	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0061	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.002	U		< 0.002	U		< 0.0051	U		< 0.0051	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0058	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0057	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.0028	U		< 0.0028	U		< 0.007	U		< 0.007	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.0023	U		< 0.0023	U		< 0.0056	U		< 0.0056	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.52	U		< 0.52	U		< 1.3	U		< 1.3	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0024	U		< 0.0024	U		< 0.0059	U		< 0.0059	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.24	U		< 0.24	U		< 0.6	U		< 0.6	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011	< 2.5	U		< 2.5	U		< 6.2	U		< 6.2	U	
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011	< 0.63	U		< 0.63	U		< 1.6	U		< 1.6	U	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 1.2	U		< 1.2	U		< 3.1	U		< 3.1	U	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011	< 0.56	U		< 0.56	U		< 1.4	U		< 1.4	U	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 1.2	U		< 1.2	U		< 2.9	U		< 2.9	U	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0057	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 55	U		< 55	U		< 140	U		< 140	U	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 10	U		< 10	U		< 25	U		< 25	U	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.24	U		< 0.24	U		< 0.6	U		< 0.6	U	
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011	< 3.4	U		< 3.4	U		< 8.4	U		< 8.4	U	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011	< 0.24	U		< 0.24	U		< 0.61	U		< 0.61	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011	< 1.9	U		< 1.9	U		< 4.8	U		< 4.8	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0054	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011	< 0.64	U		< 0.64	U		< 1.6	U		< 1.6	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011	< 2.5	U		< 2.5	U		< 6.3	U		< 6.3	U	
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011	< 0.22	U		< 0.22	U		< 0.54	U		< 0.54	U	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011	< 0.25	U		< 0.25	U		< 0.62	U		< 0.62	U	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011	< 1.2	U		< 1.2	U		< 3	U		< 3	U	
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011	< 0.89	U		< 0.89	U		< 2.2	U		< 2.2	U	
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 1	U		< 1	U		< 2.5	U		< 2.5	U	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011	< 0.48	U		< 0.48	U		< 1.2	U		< 1.2	U	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0054	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0058	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011	< 0.0026	U		< 0.0026	U		< 0.0065	U		< 0.0065	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011	< 0.0026	U		< 0.0026	U		< 0.0065	U		< 0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,1-Dichloroethane (mg/kg)			1,1-Dichloroethene (mg/kg)			1,1-Dichloropropene (mg/kg)			1,2,3-Trichlorobenzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 0.0028	U		< 0.0028	U		< 0.0069	U		< 0.0069	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0022	U		< 0.0022	U		< 0.0056	U		< 0.0056	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0026	U		< 0.0026	U		< 0.0064	U		< 0.0064	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.0026	U		< 0.0026	U		< 0.0064	U		< 0.0064	U	UJ
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0058	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.0021	U		< 0.0021	U		< 0.0054	U		< 0.0054	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.0025	U		< 0.0025	U		< 0.0063	U		< 0.0063	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0025	U		< 0.0025	U		< 0.0064	U		< 0.0064	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0055	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0025	U		< 0.0025	U		< 0.0063	U		< 0.0063	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.0025	U		< 0.0025	U		< 0.0063	U		< 0.0063	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.002	U		< 0.002	U		< 0.0049	U		< 0.0049	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0057	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.0024	U		< 0.0024	U		< 0.006	U		< 0.006	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0053	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0061	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0058	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0053	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0054	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.0019	U		< 0.0019	U		< 0.0048	U		< 0.0048	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2,3-Trichloropropane (mg/kg)			1,2,3-Trimethylbenzene (mg/kg)			1,2,4-Trichlorobenzene (mg/kg)			1,2,4-Trimethylbenzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008	< 0.00394	U					< 0.00394	U		< 0.00394	U	
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008	< 0.006	U					< 0.006	U		< 0.006	U	
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008	< 0.00517	U					< 0.00517	U		< 0.00517	U	
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008	< 0.006	U					< 0.006	U		5.59	D	
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008	< 0.005	U					< 0.005	U		< 0.005	U	
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008	< 0.00567	U					< 0.00567	U		< 0.00567	U	
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008	< 0.00479	U					< 0.00479	U		< 0.00479	U	
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008	< 0.00591	U					< 0.00591	U		< 0.00591	U	
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008	< 0.00498	U					< 0.00498	U		< 0.00498	U	
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008	< 0.00533	U					< 0.00533	U		< 0.00533	U	
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012	< 0.56	U					< 0.56	U		0.0894	J	J
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012	< 0.56	U					< 0.56	U		0.0467	J	J
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012	< 0.27	U					< 0.27	U		0.0197	J	J
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012	< 0.0052	U					< 0.0052	U		< 0.0052	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012	< 0.0051	U					< 0.0051	U		< 0.0051	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012	< 3.3	U					< 3.3	U		120		
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012	< 0.0056	U					< 0.0056	U		< 0.0056	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012	< 7.5	U					< 7.5	U		396		
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012	< 0.58	U					0.114	J		12.2		
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012	< 13	U					< 13	U		219		
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012	< 0.74	U					< 0.74	U		9.21		
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012	< 0.67	U					< 0.67	U		2.21		
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012	< 0.57	U					< 0.57	U		< 0.57	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012	< 0.62	U					< 0.62	U		< 0.62	U	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012	< 0.57	U					< 0.57	U		< 0.57	U	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012	< 0.57	U					< 0.57	U		< 0.57	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012	< 0.57	U					< 0.57	U		< 0.57	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012	< 2	U					< 2	U		< 2	U	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012	< 0.0081	U					< 0.0081	U		0.00093	J	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012	< 0.0064	U					< 0.0064	U		0.00075	J	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012	< 0.0076	U					< 0.0076	U		0.00084	J	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012	< 12	U					< 12	U		381		
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012	< 13	U					< 13	U		348		
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012	< 0.77	U					< 0.77	U		5.33		
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 0.0079	U					< 0.0079	U		0.0165		
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 0.0072	U					< 0.0072	U		0.0302		
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.0045	U					< 0.0045	U		< 0.0045	U	
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013	< 0.0059	U					< 0.0059	U		< 0.0059	U	
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013	< 0.006	U					< 0.006	U		< 0.006	U	
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013	< 0.0057	U					< 0.0057	U		< 0.0057	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013	< 0.0057	U					< 0.0057	U		< 0.0057	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.0057	U					< 0.0057	U		< 0.0057	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.72	U					< 0.72	U		< 0.72	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.64	U					< 0.64	U		< 0.64	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.0055	U					< 0.0055	U		< 0.0055	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.0088	U					< 0.0088	U		< 0.0088	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.0059	U					< 0.0059	U		< 0.0059	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.0054	U					< 0.0054	U		< 0.0054	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.0066	U					< 0.0066	U		< 0.0066	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.0058	U	UJ				< 0.0058	U	UJ	< 0.0058	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.0063	U					< 0.0063	U		< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.0063	U					< 0.0063	U		< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.0079	U					< 0.0079	U		0.0014	J	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.0068	U					< 0.0068	U		< 0.0068	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.0061	U					< 0.0061	U		< 0.0061	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.0057	U					< 0.0057	U		< 0.0057	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.0064	U					< 0.0064	U	UJ	0.0033	J	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.0061	U					< 0.0061	U		< 0.0061	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.0063	U					< 0.0063	U		< 0.0063	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.0056	U					< 0.0056	U		< 0.0056	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.007	U					< 0.007	U		< 0.007	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2,3-Trichloropropane (mg/kg)			1,2,3-Trimethylbenzene (mg/kg)			1,2,4-Trichlorobenzene (mg/kg)			1,2,4-Trimethylbenzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.0068	U					< 0.0068	U		< 0.0068	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.0064	U					< 0.0064	U		< 0.0064	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.0077	U					< 0.0077	U		< 0.0077	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.59	U					< 0.59	U		< 0.59	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 1.1	U					< 1.1	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.64	U					< 0.64	U		< 0.64	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.58	U					< 0.58	U		< 0.58	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.0067	U					< 0.0067	U		< 0.0067	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 15	U					< 15	U		172		
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.0059	U					< 0.0059	U		< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.0059	U					< 0.0059	U		< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.0053	U					< 0.0053	U		< 0.0053	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.0054	U					< 0.0054	U		< 0.0054	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.006	U					< 0.006	U		< 0.006	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.0055	U					< 0.0055	U		< 0.0055	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.0058	U					< 0.0058	U		< 0.0058	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011	< 0.62	U					< 0.62	U		0.0442	J	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.0066	U					< 0.0066	U		< 0.0066	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.87	U		2.5	JN		< 0.87	U		7.03		
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.71	U					< 0.71	U		< 0.71	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.0061	U					< 0.0061	U		< 0.0061	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.64	U		9.8	JN		< 0.64	U		33.7		
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.0059	U	UJ				< 0.0059	U	UJ	< 0.0059	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.0059	U					< 0.0059	U		< 0.0059	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 13	U		60	JN		< 13	U		179		
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0052	U					< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.0059	U					< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0042	U					< 0.0042	U		< 0.0042	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.0045	U					< 0.0045	U		< 0.0045	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0046	U					< 0.0046	U		< 0.0046	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.22	U					< 0.22	U		< 0.22	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.0048	U					< 0.0048	U		< 0.0048	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.26	U					< 0.26	U		0.56		
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.0049	U					< 0.0049	U		< 0.0049	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.006	U					< 0.006	U		< 0.006	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.0057	U					< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.0061	U					< 0.0061	U		0.0016	J	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.007	U					< 0.007	U		< 0.007	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0051	U					< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0051	U					< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.006	U					< 0.006	U		0.003	J	J
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.007	U					< 0.007	U		< 0.007	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.0053	U					< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.0051	U					< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.0056	U					< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011	< 0.0055	U					< 0.0055	U		0.0009	J	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011	< 0.0094	U					< 0.0094	U		< 0.0094	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011	< 0.014	U					< 0.014	U		< 0.014	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011	< 0.0059	U					< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0066	U					< 0.0066	U		< 0.0066	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011	< 0.006	U					< 0.006	U		0.0086		
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011	< 0.0055	U					< 0.0055	U		0.0108		
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011	< 0.0057	U					< 0.0057	U		0.0063		
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0056	U					< 0.0056	U		0.0307		
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.0066	U					< 0.0066	U		< 0.0066	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.0059	U					< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.0056	U					< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0069	U					< 0.0069	U		0.0024	J	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011	< 0.007	U					< 0.007	U		0.0011	J	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011	< 2.9	U					< 2.9	U		24.2		
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011	< 0.0064	U					< 0.0064	U		< 0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2,3-Trichloropropane (mg/kg)			1,2,3-Trimethylbenzene (mg/kg)			1,2,4-Trichlorobenzene (mg/kg)			1,2,4-Trimethylbenzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0076	U					< 0.0076	U		< 0.0076	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011	< 0.86	U					< 0.86	U		0.44	J	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011	< 0.0077	U					< 0.0077	U		0.0031	J	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012	< 0.0059	U					< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012	< 0.0057	U					< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012	< 0.0056	U					< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013	< 0.0075	U					< 0.0075	U		0.00066	J	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013	< 0.0064	U					< 0.0064	U		0.00046	J	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013	< 0.0061	U					< 0.0061	U		0.00035	J	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012	< 0.0057	U					< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012	< 0.0058	U					< 0.0058	U		< 0.0058	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012	< 0.0071	U					< 0.0071	U		< 0.0071	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012	< 0.0067	U	UJ				< 0.0067	U	UJ	< 0.0067	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012	< 0.0095	U					< 0.0095	U		< 0.0095	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012	< 0.0053	U					< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012	< 0.0091	U					< 0.0091	U		< 0.0091	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012	< 3	U					< 3	U		146		
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012	< 2.7	U					< 2.7	U		134		
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012	< 0.0048	U					< 0.0048	U		0.246		
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012	< 0.0056	U					< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012	< 0.0052	U					< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012	< 0.0054	U					< 0.0054	U		< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012	< 0.0054	U					< 0.0054	U		< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012	< 0.0055	U					< 0.0055	U		< 0.0055	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012	< 0.0053	U					< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012	< 0.0052	U					< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012	< 0.0054	U					< 0.0054	U		< 0.0054	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012	< 0.0052	U					< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012	< 0.0051	U					< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012	< 0.0057	U					< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012	< 0.0055	U					< 0.0055	U		< 0.0055	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012	< 0.0053	U					< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012	< 0.0053	U					< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013	< 0.0071	U					< 0.0071	U		< 0.0071	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013	< 37	U					< 37	U		1010		
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013	< 0.0078	U					< 0.0078	U		< 0.0078	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013	< 31	U					< 31	U		879		
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0052	U					< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.0062	U					< 0.0062	U		< 0.0062	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.0057	U					< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.0055	U					< 0.0055	U		< 0.0055	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.0056	U					< 0.0056	U		0.00051	J	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.0058	U					< 0.0058	U		< 0.0058	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.006	U					< 0.006	U		< 0.006	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 0.0073	U	UJ				< 0.0073	U		0.0018	J	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.0064	U	UJ				< 0.0064	U		0.00095	J	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.0054	U	UJ				< 0.0054	U		< 0.0054	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.0055	U	UJ				< 0.0055	U		< 0.0055	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012	< 0.0058	U					< 0.0058	U		< 0.0058	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012	< 0.61	U					< 0.61	U		< 0.61	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012	< 0.61	U					< 0.61	U		0.114	J	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012	< 0.0049	U					< 0.0049	U		0.00048	J	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012	< 1.2	U					< 1.2	U		4.28		
Public Works	GP-15	GP-15-29	29 ft	12/18/2012	< 0.0055	U					< 0.0055	U		0.00065	J	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012	< 12	U					< 12	U		7.32	J	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012	< 0.55	U					< 0.55	U		8.43		
Public Works	GP-15	GP-15-47	47 ft	12/18/2012	< 3	U					< 3	U		2.21	J	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012	< 5	U					< 5	U		136		
Public Works	GP-15	GP-15-74	74 ft	12/21/2012	< 0.57	U					< 0.57	U		0.232	J	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012	< 0.52	U					< 0.52	U		< 0.52	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013	< 0.0065	U					< 0.0065	U		< 0.0065	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2,3-Trichloropropane (mg/kg)			1,2,3-Trimethylbenzene (mg/kg)			1,2,4-Trichlorobenzene (mg/kg)			1,2,4-Trimethylbenzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013	< 0.57	U					< 0.57	U		0.292	J	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013	< 0.52	U					< 0.52	U		0.975		
Public Works	GP-16	GP-16-57	57 ft	1/3/2013	< 0.52	U					< 0.52	U		192		
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013	< 0.59	U					< 0.59	U		244		
Public Works	GP-16	GP-16-77	77 ft	1/3/2013	< 0.49	U					< 0.49	U		2.53		
Public Works	GP-16	GP-16-91	91 ft	1/7/2013	< 0.0048	U					< 0.0048	U		0.0047	J	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013	< 2.7	U	UJ				< 2.7	U	UJ	16.3		J
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013	< 7	U	UJ				< 7	U	UJ	25		J
Public Works	GP-17	GP-17-45	45 ft	1/7/2013	< 4.1	U	UJ				< 4.1	U	UJ	2.67	J	J
Public Works	GP-17	GP-17-57	57 ft	1/7/2013	< 5.9	U	UJ				< 5.9	U	UJ	1.06	J	J
Public Works	GP-17	GP-17-65	65 ft	1/7/2013	< 0.39	U	UJ				< 0.39	U	UJ	0.675		J
Public Works	GP-18	GP-18-21	21 ft	1/8/2013	< 1.8	U	UJ				< 1.8	U	UJ	< 1.8	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013	< 5.1	U	UJ				< 5.1	U	UJ	6.98		J
Public Works	GP-18	GP-18-53	53 ft	1/8/2013	< 6.7	U	UJ				< 6.7	U	UJ	1.75	J	J
Public Works	GP-18	GP-18-63	63 ft	1/8/2013	< 2.6	U	UJ				< 2.6	U	UJ	2.69		J
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009	< 0.004	U					< 0.004	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009	< 0.004	U					< 0.004	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009	< 0.004	U					< 0.004	U		< 0.004	U	
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008	< 0.00498	U					< 0.00498	U		< 0.00498	U	
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008	< 0.00549	U					< 0.00549	U		< 0.00549	U	
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008	< 0.0055	U					< 0.0055	U		< 0.0055	U	
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011	< 0.01	U					< 0.01	U		< 0.01	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011	< 0.0063	U					< 0.0063	U		< 0.0063	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011	< 0.7	U					< 0.7	U		0.12	J	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011	< 0.28	U					< 0.28	U		< 0.28	U	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011	< 13	U					< 13	U		3.17	J	
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011	< 3.6	U					< 3.6	U		1.4	J	
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011	< 1.5	U					< 1.5	U		0.861	J	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011	< 2.8	U					< 2.8	U		0.527	J	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011	< 0.46	U					< 0.46	U		0.156	J	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011	< 0.63	U					< 0.63	U		< 0.63	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011	< 2	U					< 2	U		< 2	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011	< 1.3	U					< 1.3	U		0.447	J	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011	< 0.73	U					< 0.73	U		0.375	J	
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011	< 6.1	U					< 6.1	U		< 6.1	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011	< 2.6	U					< 2.6	U		< 2.6	U	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011	< 1.9	U					< 1.9	U		3.74		
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011	< 0.0052	U					< 0.0052	U		< 0.0052	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011	< 2	U					< 2	U		< 2	U	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011	< 0.64	U					< 0.64	U		0.0496	J	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009	< 0.004	U					< 0.004	U		< 0.004	U	
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009	< 0.009	U					< 0.009	U		0.011		
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009	< 0.005	U					< 0.005	U		0.002	J	
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010	< 0.006	U					< 0.006	U		< 0.006	U	
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010	< 0.004	U					< 0.004	U		0.002	J	J
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010	< 0.005	U					< 0.005	U		0.014		J
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008	< 0.00501	U					< 0.00501	U		< 0.00501	U	
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011	< 0.0061	U					< 0.0061	U		< 0.0061	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011	< 33	U					< 33	U		< 33	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011	< 23	U					< 23	U		< 23	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0055	U					< 0.0055	U		< 0.0055	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0062	U					< 0.0062	U		< 0.0062	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011	< 0.0053	U					< 0.0053	U		< 0.0053	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2,3-Trichloropropane (mg/kg)			1,2,3-Trimethylbenzene (mg/kg)			1,2,4-Trichlorobenzene (mg/kg)			1,2,4-Trimethylbenzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011	< 3.1	U					< 3.1	U		0.451	J	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011	< 2.5	U					< 2.5	U		< 2.5	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011	< 0.0054	U					< 0.0054	U		< 0.0054	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0055	U					< 0.0055	U		< 0.0055	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.0053	U					< 0.0053	U		< 0.0053	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0054	U					< 0.0054	U		< 0.0054	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011	< 0.0052	U					< 0.0052	U		< 0.0052	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011	< 0.0056	U					< 0.0056	U		< 0.0056	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011	< 0.0054	U					< 0.0054	U		< 0.0054	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012	< 0.0052	U					< 0.0052	U		< 0.0052	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012	< 0.0051	U					< 0.0051	U		< 0.0051	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012	< 0.0053	U					< 0.0053	U		< 0.0053	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012	< 0.0051	U					< 0.0051	U		< 0.0051	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011	< 0.0065	U					< 0.0065	U		< 0.0065	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011	< 0.0065	U					< 0.0065	U		< 0.0065	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011	< 2.2	U					< 2.2	U		< 2.2	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009	< 0.005	U					< 0.005	U		0.004	J	
WRR	GP-7	GP-7-37	3 ft	8/26/2009	< 0.341	U	UJ				< 0.341	U	UJ	8.49		J
WRR	GP-7	GP-7-37D	3 ft	8/26/2009	< 0.318	U	UJ				< 0.318	U	UJ	7.32		J
WRR	GP-7	GP-7-41	3 ft	8/26/2009	< 0.657	U	UJ				< 0.657	U	UJ	17.6		J
WRR	GP-8	GP-8-13	13 ft	8/26/2009	< 0.005	U					< 0.005	U		0.004	J	
WRR	GP-8	GP-8-35	35 ft	8/26/2009	< 0.005	U					< 0.005	U		0.002	J	
WRR	GP-8	GP-8-47	47 ft	8/26/2009	< 0.006	U					< 0.006	U		0.006		J
WRR	GP-8	GP-8-47D	47 ft	8/26/2009	< 0.235	U					< 0.235	U		1.3		J
WRR	GP-9	GP-9-18	18 ft	8/25/2009	< 5.07	U					< 5.07	U		93.4		
WRR	GP-9	GP-9-37	37 ft	8/25/2009	< 0.006	U					< 0.006	U		1.31	D	
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 1.1	U					< 1.1	U		< 1.1	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.49	U					< 0.49	U		< 0.49	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.52	U					< 0.52	U		< 0.52	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.011	U					< 0.011	U		0.0014	J	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.0052	U					< 0.0052	U		< 0.0052	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.0061	U					< 0.0061	U		0.00059	J	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.0057	U					< 0.0057	U		< 0.0057	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 1	U					< 1	U		10.5		
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 4.9	U					< 4.9	U		195		
WRR	MW-06	B-6-04	4 ft	5/15/2008	< 0.00391	U					< 0.00391	U		< 0.00391	U	
WRR	MW-06	B-6-23	23 ft	5/19/2008	< 0.005	U					< 0.005	U		< 0.005	U	
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011	< 0.0064	U					< 0.0064	U		0.0012	J	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011	< 0.0071	U					< 0.0071	U		0.0522		
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011	< 0.65	U					< 0.65	U		8.6		
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011	< 3.1	U					< 3.1	U		64.1		
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011	< 3	U					< 3	U		40.6		
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 3.4	U					< 3.4	U		64.7		J
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011	< 12	U					< 12	U		215		J
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011	< 7.9	U					< 7.9	U		215		
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011	< 1.4	U					< 1.4	U		17.7		
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011	< 15	U					< 15	U		80		
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 0.72	U					< 0.72	U		10.9		
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011	< 6.2	U					< 6.2	U		< 6.2	U	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011	< 0.3	U					< 0.3	U		2.25		
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011	< 0.83	U					< 0.83	U		< 0.83	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011	< 0.0058	U					< 0.0058	U		0.0127		
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 1.2	U					< 1.2	U		1.74		
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011	< 0.0057	U					< 0.0057	U		< 0.0057	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.0055	U					< 0.0055	U		0.00081	J	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011	< 0.0083	U					< 0.0083	U		0.0012	J	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011	< 0.0054	U					< 0.0054	U		0.0012	J	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011	< 0.0056	U					< 0.0056	U		0.0031	J	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011	< 0.91	U					< 0.91	U		< 0.91	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011	< 0.8	U					< 0.8	U		< 0.8	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011	< 1	U					< 1	U		1.13		

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2,3-Trichloropropane (mg/kg)			1,2,3-Trimethylbenzene (mg/kg)			1,2,4-Trichlorobenzene (mg/kg)			1,2,4-Trimethylbenzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011	< 6.8	U					< 6.8	U		78		
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011	< 15	U					< 15	U		524		
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.94	U					< 0.94	U		1.59		
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011	< 0.0055	U					< 0.0055	U		0.0049	J	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011	< 0.6	U					< 0.6	U		18.5		
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011	< 0.61	U					< 0.61	U		0.235	J	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.0058	U					< 0.0058	U		< 0.0058	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011	< 0.6	U					< 0.6	U		< 0.6	U	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.8	U					< 0.8	U		< 0.8	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.006	U					< 0.006	U		0.033		J
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.0058	U					< 0.0058	U		0.0031	J	J
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.0052	U					< 0.0052	U		0.00062	J	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.0062	U					< 0.0062	U		0.00043	J	J
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011	< 0.0061	U					< 0.0061	U		0.00088	J	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011	< 0.0057	U					< 0.0057	U		0.0021	J	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011	< 0.0052	U					< 0.0052	U		0.002	J	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.0061	U					< 0.0061	U		0.0086		
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011	< 0.0056	U					< 0.0056	U		0.0012	J	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011	< 0.0055	U					< 0.0055	U		0.0914		J
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011	< 1.4	U					< 1.4	U		0.768	J	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011	< 1.5	U					< 1.5	U		0.925	J	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.79	U					< 0.79	U		< 0.79	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011	< 1.2	U					< 1.2	U		37.8		
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011	< 5.6	U					< 5.6	U		119		
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011	< 0.0065	U					< 0.0065	U		0.001	J	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011	< 0.0053	U					< 0.0053	U		< 0.0053	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011	< 0.0058	U					< 0.0058	U		0.001	J	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.0061	U					< 0.0061	U		< 0.0061	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0051	U					< 0.0051	U		0.0041	J	J
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0058	U					< 0.0058	U		< 0.0058	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.0057	U					< 0.0057	U		< 0.0057	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.007	U					< 0.007	U		< 0.007	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.0056	U					< 0.0056	U		< 0.0056	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 1.3	U					< 1.3	U		< 1.3	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0059	U					< 0.0059	U		0.0116		
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.6	U					< 0.6	U		0.233	J	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011	< 6.2	U					< 6.2	U		141		
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011	< 1.6	U					< 1.6	U		0.936	J	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 3.1	U					< 3.1	U		< 3.1	U	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011	< 1.4	U					< 1.4	U		< 1.4	U	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 2.9	U					< 2.9	U		1.02	J	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0057	U					< 0.0057	U		0.0055	J	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 140	U					< 140	U		254		
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 25	U					< 25	U		1.88	J	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.6	U					< 0.6	U		8.57		
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011	< 8.4	U					< 8.4	U		139		
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011	< 0.61	U					< 0.61	U		< 0.61	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011	< 4.8	U					< 4.8	U		77.1		
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011	< 0.0054	U					< 0.0054	U		0.007		
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011	< 1.6	U					< 1.6	U		< 1.6	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011	< 6.3	U					< 6.3	U		54.6		
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011	< 0.54	U					< 0.54	U		1.11		
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011	< 0.62	U					< 0.62	U		3.79		
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011	< 3	U					< 3	U		40.8		
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011	< 2.2	U					< 2.2	U		11.1		
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 2.5	U					< 2.5	U		0.322	J	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011	< 1.2	U					< 1.2	U		< 1.2	U	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0054	U					< 0.0054	U		0.0019	J	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0058	U					< 0.0058	U		< 0.0058	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011	< 0.0065	U					< 0.0065	U		0.0031	J	J
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011	< 0.0065	U					< 0.0065	U		0.0032	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2,3-Trichloropropane (mg/kg)			1,2,3-Trimethylbenzene (mg/kg)			1,2,4-Trichlorobenzene (mg/kg)			1,2,4-Trimethylbenzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 0.0069	U					< 0.0069	U		0.0033	J	J
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0056	U					< 0.0056	U		0.0044	J	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0064	U					< 0.0064	U		0.045		J
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.0064	U					< 0.0064	U	UJ	0.00084	J	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.0058	U					< 0.0058	U		< 0.0058	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.0054	U					< 0.0054	U		< 0.0054	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.0063	U					< 0.0063	U		0.00067	J	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0064	U					< 0.0064	U		< 0.0064	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.0055	U					< 0.0055	U		< 0.0055	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0063	U					< 0.0063	U		< 0.0063	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.0063	U					< 0.0063	U		0.00078	J	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.0049	U					< 0.0049	U		< 0.0049	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.0057	U					< 0.0057	U		0.0016	J	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.006	U					< 0.006	U		0.00098	J	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.0053	U					< 0.0053	U		0.0009	J	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0061	U					< 0.0061	U		0.0004	J	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0058	U					< 0.0058	U		0.00045	J	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.0053	U					< 0.0053	U		< 0.0053	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.0054	U					< 0.0054	U		0.00031	J	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.0048	U					< 0.0048	U		< 0.0048	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2-Dibromo-3-chloropropane (DBCP) (mg/kg)			1,2-Dibromoethane (mg/kg)			1,2-Dichlorobenzene (mg/kg)			1,2-Dichloroethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008	< 0.00394	U		< 0.00394	U		< 0.00394	U		< 0.00394	U	
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008	< 0.006	U		< 0.006	U		< 0.006	U		< 0.006	U	
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008	< 0.00517	U		< 0.00517	U		< 0.00517	U		< 0.00517	U	
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008	< 0.006	U		< 0.006	U		< 0.006	U		< 0.006	U	
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008	< 0.00567	U		< 0.00567	U		< 0.00567	U		< 0.00567	U	
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008	< 0.00479	U		< 0.00479	U		< 0.00479	U		< 0.00479	U	
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008	< 0.00591	U		< 0.00591	U		< 0.00591	U		< 0.00591	U	
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008	< 0.00498	U		< 0.00498	U		< 0.00498	U		< 0.00498	U	
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008	< 0.00533	U		< 0.00533	U		< 0.00533	U		< 0.00533	U	
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012	< 0.0026	U		< 0.0026	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012	< 0.0025	U		< 0.0025	U		< 0.22	U		< 0.22	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012	< 0.0026	U		< 0.0026	U		< 0.11	U		< 0.11	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012	< 0.0027	U		< 0.0027	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012	< 0.0027	U		< 0.0027	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012	< 0.0032	U		< 0.0032	U		< 1.3	U		< 1.3	U	
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012	< 0.0027	U		< 0.0027	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012	< 0.0033	U		< 0.0033	U		< 3	U		< 3	U	
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012	< 0.0026	U		< 0.0026	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012	< 0.0033	U		0.0537			< 5.2	U		< 5.2	U	
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012	< 0.0035	U		< 0.0035	U		< 0.29	U		< 0.29	U	
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012	< 0.0033	U		< 0.0033	U		< 0.27	U		< 0.27	U	
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012	< 0.0028	U		< 0.0028	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012	< 0.0031	U		< 0.0031	U		< 0.25	U		< 0.25	U	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012	< 0.0026	U		< 0.0026	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012	< 0.0026	U		< 0.0026	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012	< 0.0026	U		< 0.0026	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012	< 0.0026	U		< 0.0026	U		< 0.81	U		< 0.81	U	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012	< 0.003	U		< 0.003	U		< 0.0032	U		< 0.0032	U	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012	< 0.0032	U		< 0.0032	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012	< 0.0032	U		< 0.0032	U		< 0.003	U		< 0.003	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012	< 0.0031	U		< 0.0031	U		< 4.6	U		< 4.6	U	
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012	< 0.0031	U		< 0.0031	U		< 5.1	U		< 5.1	U	
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012	< 0.0032	U		< 0.0032	U		< 0.31	U		< 0.31	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 0.0036	U		< 0.0036	U		< 0.0032	U		< 0.0032	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 0.0036	U		< 0.0036	U		< 0.0029	U		< 0.0029	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.0029	U		< 0.0029	U		< 0.0018	U		< 0.0018	U	
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013	< 0.0026	U		< 0.0026	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013	< 0.0026	U		< 0.0026	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013	< 0.0031	U		< 0.0031	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013	< 0.003	U		< 0.003	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.0042	U		< 0.0042	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.0059	U		< 0.0059	U		< 0.29	U		< 0.29	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.0058	U		< 0.0058	U		< 0.25	U		< 0.25	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.0054	U		< 0.0054	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.0059	U		< 0.0059	U		< 0.0035	U		< 0.0035	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.0046	U		< 0.0046	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.0033	U		< 0.0033	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.003	U		< 0.003	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.0031	U	UJ	< 0.0031	U	UJ	< 0.0023	U	UJ	< 0.0023	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.0063	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.0063	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.0079	U		< 0.0032	U		< 0.0032	U		< 0.0032	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.0068	U		< 0.0027	U		< 0.0027	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.0061	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.0064	U		< 0.0026	U		0.0035			< 0.0026	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.0061	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.0063	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.0056	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.007	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2-Dibromo-3-chloropropane (DBCP) (mg/kg)			1,2-Dibromoethane (mg/kg)			1,2-Dichlorobenzene (mg/kg)			1,2-Dichloroethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.0068	U		< 0.0027	U		< 0.0027	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.0064	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.0077	U		< 0.0031	U		< 0.0031	U		< 0.0031	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.59	U		< 0.24	U		< 0.24	U		< 0.24	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 1.1	U		< 0.45	U		< 0.45	U		< 0.45	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.64	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.58	U		< 0.23	U		< 0.23	U		< 0.23	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.0067	U		< 0.0027	U		< 0.0027	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 15	U		< 6.1	U		< 6.1	U		< 6.1	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.0059	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.0059	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.006	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011	< 0.62	U		< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.0066	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.003	U		< 0.003	U		< 0.35	U		< 0.35	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.0029	U		< 0.0029	U		< 0.28	U		< 0.28	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.0026	U		< 0.0026	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.0028	U		< 0.0028	U		< 0.26	U		< 0.26	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.0026	U	UJ	< 0.0026	U	UJ	< 0.0024	U	UJ	< 0.0024	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.0026	U		< 0.0026	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 0.0031	U		< 0.0031	U		< 5.3	U		< 5.3	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.000022	U		< 0.000022	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.000023	U		< 0.000023	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.000022	U		< 0.000022	U		< 0.0042	U		< 0.0042	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.000021	U		< 0.000021	U		< 0.0045	U		< 0.0045	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.000026	U		< 0.000026	U		< 0.0046	U		< 0.0046	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.000023	U		< 0.000023	U		< 0.22	U		< 0.22	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.000022	U		< 0.000022	U		< 0.0048	U		< 0.0048	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.000022	U		< 0.000022	U		< 0.26	U		< 0.26	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.0049	U		< 0.002	U		< 0.002	U		< 0.002	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.006	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.0061	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.007	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.000021	U		< 0.000021	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.000023	U		< 0.000023	U F2		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.006	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.007	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.000021	U		< 0.000021	U		< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.000021	U		< 0.000021	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.000024	U		< 0.000024	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011	< 0.0094	U		< 0.0038	U		< 0.0038	U		< 0.0038	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011	< 0.014	U		< 0.0056	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011	< 0.0059	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0066	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011	< 0.006	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0056	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.0029	U		< 0.0029	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.0026	U		< 0.0026	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.0026	U		< 0.0026	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0069	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011	< 0.007	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011	< 2.9	U		< 1.2	U		< 1.2	U		< 1.2	U	
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011	< 0.0064	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2-Dibromo-3-chloropropane (DBCP) (mg/kg)			1,2-Dibromoethane (mg/kg)			1,2-Dichlorobenzene (mg/kg)			1,2-Dichloroethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0076	U		< 0.003	U		< 0.003	U		< 0.003	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011	< 0.86	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011	< 0.0077	U		< 0.0031	U		< 0.0031	U		< 0.0031	U	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012	< 0.0026	U		< 0.0026	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012	< 0.0028	U		< 0.0028	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012	< 0.0026	U		< 0.0026	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013	< 0.0031	U		< 0.0031	U		< 0.003	U		< 0.003	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013	< 0.0029	U		< 0.0029	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013	< 0.0027	U		< 0.0027	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012	< 0.0026	U		< 0.0026	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012	< 0.0026	U		< 0.0026	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012	< 0.0026	U		< 0.0026	U		< 0.0029	U		< 0.0029	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012	< 0.0029	U	UJ	< 0.0029	U	UJ	< 0.0027	U	UJ	< 0.0027	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012	< 0.0034	U		< 0.0034	U		< 0.0038	U		< 0.0038	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012	< 0.003	U		< 0.003	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012	< 0.0029	U		< 0.0029	U		< 0.0036	U		< 0.0036	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012	< 0.0029	U		< 0.0029	U		< 1.2	U		< 1.2	U	
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012	< 0.0027	U		< 0.0027	U		< 1.1	U		< 1.1	U	
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012	< 0.0026	U		< 0.0026	U		< 0.0019	U		< 0.0019	U	
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012	< 0.0026	U		< 0.0026	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012	< 0.0026	U		< 0.0026	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012	< 0.0026	U		< 0.0026	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012							< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012							< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012	< 0.0026	U		< 0.0026	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012	< 0.0025	U		< 0.0025	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012	< 0.0026	U		< 0.0026	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012	< 0.0026	U		< 0.0026	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012	< 0.0031	U		< 0.0031	U		< 0.002	U		< 0.002	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012	< 0.0026	U		< 0.0026	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012	< 0.0026	U		< 0.0026	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012	< 0.0026	U		< 0.0026	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012	< 0.0025	U		< 0.0025	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013	< 0.0071	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013	< 37	U		< 15	U		< 15	U		< 15	U	
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013	< 0.0078	U		< 0.0031	U		< 0.0031	U		< 0.0031	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013	< 31	U		< 12	U		< 12	U		< 12	U	
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.000021	U		< 0.000021	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.0026	U		< 0.0026	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.0026	U		< 0.0026	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.003	U		< 0.003	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.0026	U		< 0.0026	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.0026	U		< 0.0026	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.0029	U		< 0.0029	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 0.0029	U		< 0.0029	U		< 0.0029	U		< 0.0029	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.0029	U		< 0.0029	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.0032	U		< 0.0032	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.0032	U		< 0.0032	U		< 0.0022	U		< 0.0022	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012	< 0.0033	U		< 0.0033	U		< 0.0023	U		< 0.0023	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012	< 0.0028	U		< 0.0028	U		< 0.24	U		< 0.24	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012	< 0.0029	U		< 0.0029	U		< 0.24	U		< 0.24	U	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012	< 0.0028	U		< 0.0028	U		< 0.002	U		< 0.002	U	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012	< 0.0026	U		< 0.0026	U		< 0.5	U		< 0.5	U	
Public Works	GP-15	GP-15-29	29 ft	12/18/2012	< 0.0026	U		< 0.0026	U		< 0.0022	U		< 0.0022	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012	< 0.0028	U		< 0.0028	U		< 4.9	U		< 4.9	U	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012	< 0.0028	U		< 0.0028	U		< 0.22	U		< 0.22	U	
Public Works	GP-15	GP-15-47	47 ft	12/18/2012	< 0.0029	U		< 0.0029	U		< 1.2	U		< 1.2	U	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012	< 0.0029	U		< 0.0029	U		< 2	U		< 2	U	
Public Works	GP-15	GP-15-74	74 ft	12/21/2012	< 0.0028	U		< 0.0028	U		< 0.23	U		< 0.23	U	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012	< 0.0027	U		< 0.0027	U		< 0.21	U		< 0.21	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013	< 0.0031	U		< 0.0031	U		< 0.0026	U		< 0.0026	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2-Dibromo-3-chloropropane (DBCP) (mg/kg)			1,2-Dibromoethane (mg/kg)			1,2-Dichlorobenzene (mg/kg)			1,2-Dichloroethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013	< 0.0029	U		< 0.0029	U		< 0.23	U		< 0.23	U	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013	< 0.0027	U		< 0.0027	U		< 0.21	U		< 0.21	U	
Public Works	GP-16	GP-16-57	57 ft	1/3/2013	< 0.0028	U		< 0.0028	U		< 0.21	U		11.2		J
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013	< 0.0029	U		< 0.0029	U		< 0.24	U		< 0.24	U	UJ
Public Works	GP-16	GP-16-77	77 ft	1/3/2013	< 0.0028	U		< 0.0028	U		< 0.19	U		< 0.19	U	
Public Works	GP-16	GP-16-91	91 ft	1/7/2013	< 0.0028	U		< 0.0028	U		< 0.0019	U		< 0.0019	U	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013	< 0.0027	U		< 0.0027	U		< 1.1	U	UJ	< 1.1	U	UJ
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013	< 0.003	U		< 0.003	U		< 2.8	U	UJ	< 2.8	U	UJ
Public Works	GP-17	GP-17-45	45 ft	1/7/2013	< 0.0029	U		< 0.0029	U		< 1.6	U	UJ	< 1.6	U	UJ
Public Works	GP-17	GP-17-57	57 ft	1/7/2013	< 0.0031	U		< 0.0031	U		< 2.4	U	UJ	< 2.4	U	UJ
Public Works	GP-17	GP-17-65	65 ft	1/7/2013	< 0.0029	U		< 0.0029	U		< 0.16	U	UJ	< 0.16	U	UJ
Public Works	GP-18	GP-18-21	21 ft	1/8/2013	< 0.0028	U		< 0.0028	U		< 0.72	U	UJ	< 0.72	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013	< 0.0027	U		< 0.0027	U		< 2	U	UJ	< 2	U	UJ
Public Works	GP-18	GP-18-53	53 ft	1/8/2013	< 0.0033	U		< 0.0033	U		< 2.7	U	UJ	< 2.7	U	UJ
Public Works	GP-18	GP-18-63	63 ft	1/8/2013	< 0.0028	U		< 0.0028	U		< 1.1	U	UJ	< 1.1	U	UJ
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009	< 0.004	U					< 0.004	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009	< 0.004	U					< 0.004	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009	< 0.004	U					< 0.004	U		< 0.004	U	
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008	< 0.00498	U		< 0.00498	U		< 0.00498	U		< 0.00498	U	
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008	< 0.00549	U		< 0.00549	U		< 0.00549	U		< 0.00549	U	
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008	< 0.0055	U		< 0.0055	U		< 0.0055	U		< 0.0055	U	
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011	< 0.01	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011	< 0.0063	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011	< 0.7	U		< 0.28	U		< 0.28	U		< 0.28	U	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011	< 0.28	U		< 0.11	U		< 0.11	U		< 0.11	U	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011	< 13	U		< 5.2	U		< 5.2	U		< 5.2	U	
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011	< 3.6	U		< 1.5	U		< 1.5	U		< 1.5	U	
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011	< 1.5	U		< 0.6	U		< 0.6	U		< 0.6	U	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011	< 2.8	U		< 1.1	U		< 1.1	U		< 1.1	U	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011	< 0.46	U		< 0.18	U		< 0.18	U		< 0.18	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011	< 0.63	U		< 0.25	U		< 0.25	U		< 0.25	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011	< 2	U		< 0.81	U		< 0.81	U		< 0.81	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011	< 1.3	U		< 0.51	U		< 0.51	U		< 0.51	U	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011	< 0.73	U		< 0.29	U		< 0.29	U		< 0.29	U	
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011	< 6.1	U		< 2.4	U		< 2.4	U		< 2.4	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011	< 2.6	U		< 1	U		< 1	U		< 1	U	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011	< 1.9	U		< 0.76	U		< 0.76	U		< 0.76	U	
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011	< 2	U		< 0.78	U		< 0.78	U		< 0.78	U	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011	< 0.64	U		< 0.26	U		< 0.26	U		< 0.26	U	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009	< 0.004	U					< 0.004	U		< 0.004	U	
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009	< 0.009	U					< 0.009	U		< 0.009	U	
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010	< 0.006	U					< 0.006	U		< 0.006	U	
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010	< 0.004	U					< 0.004	U		< 0.004	U	
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008	< 0.00501	U		< 0.00501	U		< 0.00501	U		< 0.00501	U	
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011	< 0.0061	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011	< 33	U		< 13	U		< 13	U		< 13	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011	< 23	U		< 9.2	U		< 9.2	U		< 9.2	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0062	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2-Dibromo-3-chloropropane (DBCP) (mg/kg)			1,2-Dibromoethane (mg/kg)			1,2-Dichlorobenzene (mg/kg)			1,2-Dichloroethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011	< 3.1	U		< 1.2	U		< 1.2	U		< 1.2	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011	< 2.5	U		< 1	U		< 1	U		< 1	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0028	U		< 0.0028	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.0051	U		< 0.0051	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0051	U		< 0.0051	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011	< 0.0056	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012	< 0.0032	U		< 0.0032	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012	< 0.0026	U		< 0.0026	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012	< 0.0028	U		< 0.0028	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012	< 0.0028	U		< 0.0028	U		< 0.0021	U		< 0.0021	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011	< 0.0065	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011	< 0.0065	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011	< 2.2	U		< 0.89	U		< 0.89	U		< 0.89	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009	< 0.005	U					< 0.005	U		< 0.005	U	
WRR	GP-7	GP-7-37	3 ft	8/26/2009	< 0.341	U	UJ				< 0.341	U	UJ	< 0.341	U	UJ
WRR	GP-7	GP-7-37D	3 ft	8/26/2009	< 0.318	U	UJ				< 0.318	U	UJ	< 0.318	U	UJ
WRR	GP-7	GP-7-41	3 ft	8/26/2009	< 0.657	U	UJ				< 0.657	U	UJ	< 0.657	U	UJ
WRR	GP-8	GP-8-13	13 ft	8/26/2009	< 0.005	U					< 0.005	U		< 0.005	U	
WRR	GP-8	GP-8-35	35 ft	8/26/2009	< 0.005	U					< 0.005	U		< 0.005	U	
WRR	GP-8	GP-8-47	47 ft	8/26/2009	< 0.006	U					< 0.006	U		< 0.006	U	
WRR	GP-8	GP-8-47D	47 ft	8/26/2009	< 0.235	U					< 0.235	U		< 0.235	U	
WRR	GP-9	GP-9-18	18 ft	8/25/2009	< 5.07	U					< 5.07	U		< 5.07	U	
WRR	GP-9	GP-9-37	37 ft	8/25/2009	< 0.006	U					< 0.006	U		< 0.006	U	
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.0029	U		< 0.0029	U		< 0.45	U		< 0.45	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.0026	U		< 0.0026	U		< 0.2	U		< 0.2	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.0025	U		< 0.0025	U		< 0.21	U		< 0.21	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.003	U		< 0.003	U		< 0.0043	U		< 0.0043	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.0025	U		< 0.0025	U		< 0.0021	U		< 0.0021	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.0028	U		< 0.0028	U		< 0.0024	U		< 0.0024	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.0026	U		< 0.0026	U		< 0.0023	U		< 0.0023	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.0028	U		< 0.0028	U		< 0.4	U		< 0.4	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 0.0028	U		< 0.0028	U		< 2	U		< 2	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008	< 0.00391	U		< 0.00391	U		< 0.00391	U		< 0.00391	U	
WRR	MW-06	B-6-23	23 ft	5/19/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011	< 0.0064	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011	< 0.0071	U		< 0.0029	U		< 0.0029	U		< 0.0029	U	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011	< 0.65	U		< 0.26	U		< 0.26	U		< 0.26	U	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011	< 3.1	U		< 1.2	U		< 1.2	U		< 1.2	U	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011	< 3	U		< 1.2	U		< 1.2	U		< 1.2	U	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 3.4	U		< 1.4	U		< 1.4	U		< 1.4	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011	< 12	U		< 5	U		< 5	U		< 5	U	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011	< 7.9	U		< 3.1	U		< 3.1	U		< 3.1	U	
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011	< 1.4	U		< 0.57	U		< 0.57	U		< 0.57	U	
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011	< 15	U		< 6	U		< 6	U		< 6	U	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 0.72	U		< 0.29	U		< 0.29	U		< 0.29	U	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011	< 6.2	U		< 2.5	U		< 2.5	U		< 2.5	U	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011	< 0.3	U		< 0.12	U		< 0.12	U		< 0.12	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011	< 0.83	U		< 0.33	U		< 0.33	U		< 0.33	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 1.2	U		< 0.46	U		< 0.46	U		< 0.46	U	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011	< 0.0083	U		< 0.0033	U		< 0.0033	U		< 0.0033	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011	< 0.0056	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011	< 0.91	U		< 0.37	U		< 0.37	U		< 0.37	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011	< 0.8	U		< 0.32	U		< 0.32	U		< 0.32	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011	< 1	U		< 0.41	U		< 0.41	U		< 0.41	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2-Dibromo-3-chloropropane (DBCP) (mg/kg)			1,2-Dibromoethane (mg/kg)			1,2-Dichlorobenzene (mg/kg)			1,2-Dichloroethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011	< 6.8	U		< 2.7	U		< 2.7	U		< 2.7	U	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011	< 15	U		< 6	U		< 6	U		< 6	U	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.94	U		< 0.38	U		< 0.38	U		< 0.38	U	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011	< 0.6	U		< 0.24	U		< 0.24	U		< 0.24	U	
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011	< 0.61	U		< 0.25	U		< 0.25	U		< 0.25	U	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011	< 0.6	U		< 0.24	U		< 0.24	U		< 0.24	U	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.0031	U		< 0.0031	U		< 0.32	U		< 0.32	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.003	U		< 0.003	U		< 0.0024	U		< 0.0024	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.003	U		< 0.003	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.0029	U		< 0.0029	U		< 0.0021	U		< 0.0021	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.0029	U		< 0.0029	U		< 0.0025	U		< 0.0025	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011	< 0.0061	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.0061	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011	< 0.0056	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011	< 1.4	U		< 0.56	U		< 0.56	U		< 0.56	U	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011	< 1.5	U		< 0.6	U		< 0.6	U		< 0.6	U	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.79	U		< 0.32	U		< 0.32	U		< 0.32	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011	< 1.2	U		< 0.47	U		< 0.47	U		< 0.47	U	
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011	< 5.6	U		< 2.2	U		< 2.2	U		< 2.2	U	
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011	< 0.0065	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.0061	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0051	U		< 0.002	U		< 0.002	U		< 0.002	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.0025	U		< 0.0025	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.0026	U		< 0.0026	U		< 0.0028	U		< 0.0028	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.0026	U		< 0.0026	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 1.3	U		< 0.52	U		< 0.52	U		< 0.52	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0059	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.6	U		< 0.24	U		< 0.24	U		< 0.24	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011	< 6.2	U		< 2.5	U		< 2.5	U		< 2.5	U	
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011	< 1.6	U		< 0.63	U		< 0.63	U		< 0.63	U	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 3.1	U		< 1.2	U		< 1.2	U		< 1.2	U	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011	< 1.4	U		< 0.56	U		< 0.56	U		< 0.56	U	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 2.9	U		< 1.2	U		< 1.2	U		< 1.2	U	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 140	U		< 55	U		< 55	U		< 55	U	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 25	U		< 10	U		< 10	U		< 10	U	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.6	U		< 0.24	U		< 0.24	U		< 0.24	U	
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011	< 8.4	U		< 3.4	U		< 3.4	U		< 3.4	U	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011	< 0.61	U		< 0.24	U		< 0.24	U		< 0.24	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011	< 4.8	U		< 1.9	U		< 1.9	U		< 1.9	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011	< 1.6	U		< 0.64	U		< 0.64	U		< 0.64	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011	< 6.3	U		< 2.5	U		< 2.5	U		< 2.5	U	
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011	< 0.54	U		< 0.22	U		< 0.22	U		< 0.22	U	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011	< 0.62	U		< 0.25	U		< 0.25	U		< 0.25	U	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011	< 3	U		< 1.2	U		< 1.2	U		< 1.2	U	
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011	< 2.2	U		< 0.89	U		< 0.89	U		< 0.89	U	
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 2.5	U		< 1	U		< 1	U		< 1	U	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011	< 1.2	U		< 0.48	U		< 0.48	U		< 0.48	U	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011	< 0.0065	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011	< 0.0065	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2-Dibromo-3-chloropropane (DBCP) (mg/kg)			1,2-Dibromoethane (mg/kg)			1,2-Dichlorobenzene (mg/kg)			1,2-Dichloroethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 0.0069	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0056	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0064	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.0031	U		< 0.0031	U		< 0.0026	U	UJ	< 0.0026	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.0032	U		< 0.0032	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.0029	U		< 0.0029	U		< 0.0021	U		< 0.0021	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.0027	U		< 0.0027	U		< 0.0025	U		< 0.0025	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.003	U		< 0.003	U		< 0.0025	U		< 0.0025	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.0031	U		< 0.0031	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0031	U		< 0.0031	U		< 0.0025	U		< 0.0025	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.0028	U	UJ	< 0.0028	U	UJ	< 0.0025	U		< 0.0025	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.003	U		< 0.003	U		< 0.002	U		< 0.002	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.0033	U	UJ	< 0.0033	U	UJ	< 0.0023	U		< 0.0023	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.0027	U		< 0.0027	U		< 0.0024	U		< 0.0024	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.0031	U		< 0.0031	U		< 0.0021	U		< 0.0021	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.003	U		< 0.003	U		< 0.0024	U		< 0.0024	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0033	U		< 0.0033	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.0032	U		< 0.0032	U		< 0.0021	U		< 0.0021	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.0031	U		< 0.0031	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.0029	U		< 0.0029	U		< 0.0019	U		< 0.0019	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2-Dichloropropane (mg/kg)			1,3,5-Trimethylbenzene (mg/kg)			1,3-Dichlorobenzene (mg/kg)			1,3-Dichloropropane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008	< 0.00394	U		< 0.00394	U		< 0.00394	U		< 0.00394	U	
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008	< 0.006	U		< 0.006	U		< 0.006	U		< 0.006	U	
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008	< 0.00517	U		< 0.00517	U		< 0.00517	U		< 0.00517	U	
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008	< 0.006	U		0.184		J	< 0.006	U		< 0.006	U	
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008	< 0.00567	U		< 0.00567	U		< 0.00567	U		< 0.00567	U	
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008	< 0.00479	U		< 0.00479	U		< 0.00479	U		< 0.00479	U	
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008	< 0.00591	U		< 0.00591	U		< 0.00591	U		< 0.00591	U	
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008	< 0.00498	U		< 0.00498	U		< 0.00498	U		< 0.00498	U	
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008	< 0.00533	U		< 0.00533	U		< 0.00533	U		< 0.00533	U	
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012	< 0.23	U		0.0408	J	J	< 0.23	U		< 0.56	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012	< 0.22	U		0.0286	J	J	< 0.22	U		< 0.56	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012	< 0.11	U		0.0131	J	J	< 0.11	U		< 0.27	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012	< 0.0021	U		< 0.0052	U		< 0.0021	U		< 0.0052	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012	< 0.0021	U		< 0.0051	U		< 0.0021	U		< 0.0051	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012	< 1.3	U		30.5			< 1.3	U		< 3.3	U	
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012	< 0.0022	U		< 0.0056	U		< 0.0022	U		< 0.0056	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012	< 3	U		90.1			< 3	U		< 7.5	U	
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012	< 0.23	U		3.32			< 0.23	U		< 0.58	U	
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012	< 5.2	U		60.4			< 5.2	U		< 13	U	
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012	< 0.29	U		2.45			< 0.29	U		< 0.74	U	
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012	< 0.27	U		0.644	J		< 0.27	U		< 0.67	U	
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012	< 0.23	U		< 0.57	U		< 0.23	U		< 0.57	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012	< 0.25	U		< 0.62	U		< 0.25	U		< 0.62	U	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012	< 0.23	U		< 0.57	U		< 0.23	U		< 0.57	U	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012	< 0.23	U		< 0.57	U		< 0.23	U		< 0.57	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012	< 0.23	U		< 0.57	U		< 0.23	U		< 0.57	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012	< 0.81	U		< 2	U		< 0.81	U		< 2	U	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012	< 0.0032	U		< 0.0081	U		< 0.0032	U		< 0.0081	U	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012	< 0.0026	U		< 0.0064	U		< 0.0026	U		< 0.0064	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012	< 0.003	U		< 0.0076	U		< 0.003	U		< 0.0076	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012	< 4.6	U		111			< 4.6	U		< 12	U	
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012	< 5.1	U		99.2			< 5.1	U		< 13	U	
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012	< 0.31	U		3.07			< 0.31	U		< 0.77	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 0.0032	U		0.0039	J		< 0.0032	U		< 0.0079	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 0.0029	U		0.0072			< 0.0029	U		< 0.0072	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.0018	U		< 0.0045	U		< 0.0018	U		< 0.0045	U	
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013	< 0.0024	U		< 0.0059	U		< 0.0024	U		< 0.0059	U	
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013	< 0.0024	U		< 0.006	U		< 0.0024	U		< 0.006	U	
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013	< 0.0023	U		< 0.0057	U		< 0.0023	U		< 0.0057	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013	< 0.0023	U		< 0.0057	U		< 0.0023	U		< 0.0057	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.0023	U		< 0.0057	U		< 0.0023	U		< 0.0057	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.29	U		< 0.72	U		< 0.29	U		< 0.72	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.25	U		< 0.64	U		< 0.25	U		< 0.64	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.0022	U		< 0.0055	U		< 0.0022	U		< 0.0055	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.0035	U		< 0.0088	U		< 0.0035	U		< 0.0088	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.0024	U		< 0.0059	U		< 0.0024	U		< 0.0059	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.0021	U		< 0.0054	U		< 0.0021	U		< 0.0054	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.0026	U		< 0.0066	U		< 0.0026	U		< 0.0066	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.0023	U	UJ	< 0.0058	U	UJ	< 0.0023	U	UJ	< 0.0058	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.0025	U		< 0.0063	U		< 0.0025	U		< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.0025	U		< 0.0063	U		< 0.0025	U		< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.0032	U		0.0025	J		< 0.0032	U		< 0.0079	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.0027	U		< 0.0068	U		< 0.0027	U		< 0.0068	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.0024	U		< 0.0061	U		< 0.0024	U		< 0.0061	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.0023	U		< 0.0057	U		< 0.0023	U		< 0.0057	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.0026	U		0.0026	J		< 0.0026	U		< 0.0064	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.0024	U		< 0.0061	U		< 0.0024	U		< 0.0061	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.0025	U		< 0.0063	U		< 0.0025	U		< 0.0063	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.0023	U		< 0.0056	U		< 0.0023	U		< 0.0056	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.0028	U		< 0.007	U		< 0.0028	U		< 0.007	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2-Dichloropropane (mg/kg)			1,3,5-Trimethylbenzene (mg/kg)			1,3-Dichlorobenzene (mg/kg)			1,3-Dichloropropane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.0027	U		< 0.0068	U		< 0.0027	U		< 0.0068	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.0025	U		< 0.0064	U		< 0.0025	U		< 0.0064	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.0031	U		< 0.0077	U		< 0.0031	U		< 0.0077	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.24	U		< 0.59	U		< 0.24	U		< 0.59	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.45	U		< 1.1	U		< 0.45	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.26	U		< 0.64	U		< 0.26	U		< 0.64	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.23	U		< 0.58	U		< 0.23	U		< 0.58	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.0027	U		< 0.0067	U		< 0.0027	U		< 0.0067	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 6.1	U		46.2			< 6.1	U		< 15	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.0024	U		< 0.0059	U		< 0.0024	U		< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.0024	U		< 0.0059	U		< 0.0024	U		< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.0021	U		< 0.0053	U		< 0.0021	U		< 0.0053	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.0022	U		< 0.0054	U		< 0.0022	U		< 0.0054	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.0024	U		< 0.006	U		< 0.0024	U		< 0.006	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.0022	U		< 0.0055	U		< 0.0022	U		< 0.0055	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.0023	U		< 0.0058	U		< 0.0023	U		< 0.0058	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011	< 0.25	U		0.0449	J		< 0.25	U		< 0.62	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.0026	U		< 0.0066	U		< 0.0026	U		< 0.0066	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.35	U		1.89			< 0.35	U		< 0.87	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.28	U		< 0.71	U		< 0.28	U		< 0.71	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.0024	U		< 0.0061	U		< 0.0024	U		< 0.0061	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.26	U		9.38			< 0.26	U		< 0.64	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.0024	U	UJ	< 0.0059	U	UJ	< 0.0024	U	UJ	< 0.0059	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.0024	U		< 0.0059	U		< 0.0024	U		< 0.0059	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 5.3	U		46.1			< 5.3	U		< 13	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0052	U		< 0.0052	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.0059	U		< 0.0059	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0042	U		< 0.0042	U		< 0.0042	U		< 0.0042	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.0045	U		< 0.0045	U		< 0.0045	U		< 0.0045	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0046	U		< 0.0046	U		< 0.0046	U		< 0.0046	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.22	U		< 0.22	U		< 0.22	U		< 0.22	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.0048	U		< 0.0048	U		< 0.0048	U		< 0.0048	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.26	U		0.22	J		< 0.26	U		< 0.26	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.002	U		< 0.0049	U		< 0.002	U		< 0.0049	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.0024	U		< 0.006	U		< 0.0024	U		< 0.006	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.0023	U		< 0.0057	U		< 0.0023	U		< 0.0057	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.0025	U		< 0.0061	U		< 0.0025	U		< 0.0061	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.0028	U		< 0.007	U		< 0.0028	U		< 0.007	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.0024	U		0.0016	J	J	< 0.0024	U		< 0.006	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.0028	U		< 0.007	U		< 0.0028	U		< 0.007	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.0053	U		< 0.0053	U		< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.0056	U		< 0.0056	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011	< 0.0022	U		< 0.0055	U		< 0.0022	U		< 0.0055	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011	< 0.0038	U		< 0.0094	U		< 0.0038	U		< 0.0094	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011	< 0.0056	U		< 0.014	U		< 0.0056	U		< 0.014	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011	< 0.0024	U		< 0.0059	U		< 0.0024	U		< 0.0059	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0026	U		< 0.0066	U		< 0.0026	U		< 0.0066	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011	< 0.0024	U		0.0024	J		< 0.0024	U		< 0.006	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011	< 0.0022	U		0.0026	J		< 0.0022	U		< 0.0055	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011	< 0.0023	U		0.0018	J		< 0.0023	U		< 0.0057	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0022	U		0.0087			< 0.0022	U		< 0.0056	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.0026	U		< 0.0066	U		< 0.0026	U		< 0.0066	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.0024	U		< 0.0059	U		< 0.0024	U		< 0.0059	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.0022	U		< 0.0056	U		< 0.0022	U		< 0.0056	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0028	U		< 0.0069	U		< 0.0028	U		< 0.0069	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011	< 0.0028	U		< 0.007	U		< 0.0028	U		< 0.007	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011	< 1.2	U		8.77			< 1.2	U		< 2.9	U	
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011	< 0.0025	U		< 0.0064	U		< 0.0025	U		< 0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2-Dichloropropane (mg/kg)			1,3,5-Trimethylbenzene (mg/kg)			1,3-Dichlorobenzene (mg/kg)			1,3-Dichloropropane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011	< 0.003	U		< 0.0076	U		< 0.003	U		< 0.0076	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011	< 0.35	U		0.176	J		< 0.35	U		< 0.86	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011	< 0.0031	U		0.0013	J		< 0.0031	U		< 0.0077	U	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012	< 0.0023	U		< 0.0059	U		< 0.0023	U		< 0.0059	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012	< 0.0023	U		< 0.0057	U		< 0.0023	U		< 0.0057	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012	< 0.0022	U		< 0.0056	U		< 0.0022	U		< 0.0056	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013	< 0.003	U		< 0.0075	U		< 0.003	U		< 0.0075	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013	< 0.0026	U		< 0.0064	U		< 0.0026	U		< 0.0064	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013	< 0.0024	U		< 0.0061	U		< 0.0024	U		< 0.0061	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012	< 0.0023	U		< 0.0057	U		< 0.0023	U		< 0.0057	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012	< 0.0023	U		< 0.0058	U		< 0.0023	U		< 0.0058	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012	< 0.0029	U		< 0.0071	U		< 0.0029	U		< 0.0071	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012	< 0.0027	U	UJ	< 0.0067	U	UJ	< 0.0027	U	UJ	< 0.0067	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012	< 0.0038	U		< 0.0095	U		< 0.0038	U		< 0.0095	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012	< 0.0021	U		< 0.0053	U		< 0.0021	U		< 0.0053	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012	< 0.0036	U		< 0.0091	U		< 0.0036	U		< 0.0091	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012	< 1.2	U		41.6			< 1.2	U		< 3	U	
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012	< 1.1	U		38.6			< 1.1	U		< 2.7	U	
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012	< 0.0019	U		0.0676			< 0.0019	U		< 0.0048	U	
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012	< 0.0023	U		< 0.0056	U		< 0.0023	U		0.0012	J	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012	< 0.0021	U		< 0.0052	U		< 0.0021	U		< 0.0052	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012	< 0.0022	U		< 0.0054	U		< 0.0022	U		< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012	< 0.0022	U		< 0.0054	U		< 0.0022	U		< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012	< 0.0022	U		< 0.0055	U		< 0.0022	U		< 0.0055	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012	< 0.0021	U		< 0.0053	U		< 0.0021	U		< 0.0053	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012	< 0.0021	U		< 0.0052	U		< 0.0021	U		< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012	< 0.0021	U		< 0.0054	U		< 0.0021	U		< 0.0054	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012	< 0.0021	U		< 0.0052	U		< 0.0021	U		< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012	< 0.002	U		< 0.0051	U		< 0.002	U		< 0.0051	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012	< 0.0023	U		< 0.0057	U		< 0.0023	U		< 0.0057	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012	< 0.0022	U		< 0.0055	U		< 0.0022	U		< 0.0055	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012	< 0.0021	U		< 0.0053	U		< 0.0021	U		< 0.0053	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012	< 0.0021	U		< 0.0053	U		< 0.0021	U		< 0.0053	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013	< 0.0028	U		< 0.0071	U		< 0.0028	U		< 0.0071	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013	< 15	U		257			< 15	U		< 37	U	
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013	< 0.0031	U		< 0.0078	U		< 0.0031	U		< 0.0078	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013	< 12	U		232			< 12	U		< 31	U	
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0052	U		< 0.0052	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.0025	U		< 0.0062	U		< 0.0025	U		< 0.0062	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.0023	U		< 0.0057	U		< 0.0023	U		< 0.0057	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.0022	U		< 0.0055	U		< 0.0022	U		< 0.0055	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.0023	U		< 0.0056	U		< 0.0023	U		< 0.0056	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.0023	U		< 0.0058	U		< 0.0023	U		< 0.0058	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.0024	U		< 0.006	U		< 0.0024	U		< 0.006	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 0.0029	U	UJ	0.0011	J		< 0.0029	U		< 0.0073	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.0026	U	UJ	0.00053	J		< 0.0026	U		< 0.0064	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.0022	U	UJ	< 0.0054	U		< 0.0022	U		< 0.0054	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.0022	U	UJ	< 0.0055	U		< 0.0022	U		< 0.0055	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012	< 0.0023	U		< 0.0058	U		< 0.0023	U		< 0.0058	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012	< 0.24	U		< 0.61	U		< 0.24	U		< 0.61	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012	< 0.24	U		0.0692	J		< 0.24	U		< 0.61	U	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012	< 0.002	U		< 0.0049	U		< 0.002	U		< 0.0049	U	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012	< 0.5	U		2.73			< 0.5	U		< 1.2	U	
Public Works	GP-15	GP-15-29	29 ft	12/18/2012	< 0.0022	U		< 0.0055	U		< 0.0022	U		< 0.0055	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012	< 4.9	U		2.2	J		< 4.9	U		< 12	U	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012	< 0.22	U		2.59			< 0.22	U		< 0.55	U	
Public Works	GP-15	GP-15-47	47 ft	12/18/2012	< 1.2	U		0.721	J		< 1.2	U		< 3	U	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012	< 2	U		44.3			< 2	U		< 5	U	
Public Works	GP-15	GP-15-74	74 ft	12/21/2012	< 0.23	U		0.0828	J		< 0.23	U		< 0.57	U	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012	< 0.21	U		< 0.52	U		< 0.21	U		< 0.52	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013	< 0.0026	U		< 0.0065	U		< 0.0026	U		< 0.0065	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2-Dichloropropane (mg/kg)			1,3,5-Trimethylbenzene (mg/kg)			1,3-Dichlorobenzene (mg/kg)			1,3-Dichloropropane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013	< 0.23	U		< 0.57	U		< 0.23	U		< 0.57	U	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013	< 0.21	U		0.293	J		< 0.21	U		< 0.52	U	
Public Works	GP-16	GP-16-57	57 ft	1/3/2013	< 0.21	U		62			< 0.21	U		< 0.52	U	
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013	< 0.24	U		77.7			< 0.24	U		< 0.59	U	
Public Works	GP-16	GP-16-77	77 ft	1/3/2013	< 0.19	U		0.74			< 0.19	U		< 0.49	U	
Public Works	GP-16	GP-16-91	91 ft	1/7/2013	< 0.0019	U		0.0017	J		< 0.0019	U		< 0.0048	U	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013	< 1.1	U	UJ	3		J	< 1.1	U	UJ	< 2.7	U	UJ
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013	< 2.8	U	UJ	4.96	J	J	< 2.8	U	UJ	< 7	U	UJ
Public Works	GP-17	GP-17-45	45 ft	1/7/2013	< 1.6	U	UJ	0.755	J	J	< 1.6	U	UJ	< 4.1	U	UJ
Public Works	GP-17	GP-17-57	57 ft	1/7/2013	< 2.4	U	UJ	< 5.9	U	UJ	< 2.4	U	UJ	< 5.9	U	UJ
Public Works	GP-17	GP-17-65	65 ft	1/7/2013	< 0.16	U	UJ	0.19	J	J	< 0.16	U	UJ	< 0.39	U	UJ
Public Works	GP-18	GP-18-21	21 ft	1/8/2013	< 0.72	U	UJ	< 1.8	U	UJ	< 0.72	U	UJ	< 1.8	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013	< 2	U	UJ	1.78	J	J	< 2	U	UJ	< 5.1	U	UJ
Public Works	GP-18	GP-18-53	53 ft	1/8/2013	< 2.7	U	UJ	0.51	J	J	< 2.7	U	UJ	< 6.7	U	UJ
Public Works	GP-18	GP-18-63	63 ft	1/8/2013	< 1.1	U	UJ	0.731	J	J	< 1.1	U	UJ	< 2.6	U	UJ
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008	< 0.00498	U		< 0.00498	U		< 0.00498	U		< 0.00498	U	
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008	< 0.00549	U		< 0.00549	U		< 0.00549	U		< 0.00549	U	
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008	< 0.0055	U		< 0.0055	U		< 0.0055	U		< 0.0055	U	
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011	< 0.004	U		< 0.01	U		< 0.004	U		< 0.01	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011	< 0.0025	U		< 0.0063	U		< 0.0025	U		< 0.0063	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011	< 0.28	U		0.0392	J		< 0.28	U		< 0.7	U	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011	< 0.11	U		< 0.28	U		< 0.11	U		< 0.28	U	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011	< 5.2	U		1.76	J		< 5.2	U		< 13	U	
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011	< 1.5	U		0.401	J		< 1.5	U		< 3.6	U	
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011	< 0.6	U		0.271	J		< 0.6	U		< 1.5	U	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011	< 1.1	U		0.207	J		< 1.1	U		< 2.8	U	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011	< 0.18	U		0.0506	J		< 0.18	U		< 0.46	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011	< 0.25	U		< 0.63	U		< 0.25	U		< 0.63	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011	< 0.81	U		0.138	J		< 0.81	U		< 2	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011	< 0.51	U		0.642	J		< 0.51	U		< 1.3	U	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011	< 0.29	U		0.221	J		< 0.29	U		< 0.73	U	
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011	< 2.4	U		< 6.1	U		< 2.4	U		< 6.1	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011	< 1	U		0.892	J		< 1	U		< 2.6	U	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011	< 0.76	U		0.901	J		< 0.76	U		< 1.9	U	
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011	< 0.0021	U		< 0.0052	U		< 0.0021	U		< 0.0052	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011	< 0.78	U		< 2	U		< 0.78	U		< 2	U	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011	< 0.26	U		0.0457	J		< 0.26	U		< 0.64	U	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009	< 0.009	U		0.003	J		< 0.009	U		< 0.009	U	
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010	< 0.006	U		< 0.006	U		< 0.006	U		< 0.006	U	
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010	< 0.004	U		0.002	J	J	< 0.004	U		< 0.004	U	
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010	< 0.005	U		0.021		J	< 0.005	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008	< 0.00501	U		< 0.00501	U		< 0.00501	U		< 0.00501	U	
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011	< 0.0024	U		< 0.0061	U		< 0.0024	U		< 0.0061	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011	< 13	U		< 33	U		< 13	U		< 33	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011	< 9.2	U		< 23	U		< 9.2	U		< 23	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0022	U		< 0.0055	U		< 0.0022	U		< 0.0055	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0025	U		< 0.0062	U		< 0.0025	U		< 0.0062	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011	< 0.0021	U		< 0.0053	U		< 0.0021	U		< 0.0053	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2-Dichloropropane (mg/kg)			1,3,5-Trimethylbenzene (mg/kg)			1,3-Dichlorobenzene (mg/kg)			1,3-Dichloropropane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011	< 1.2	U		0.2	J		< 1.2	U		< 3.1	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011	< 1	U		< 2.5	U		< 1	U		< 2.5	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011	< 0.0022	U		< 0.0054	U		< 0.0022	U		< 0.0054	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0022	U		< 0.0055	U		< 0.0022	U		< 0.0055	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.0021	U		< 0.0053	U		< 0.0021	U		< 0.0053	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0022	U		< 0.0054	U		< 0.0022	U		< 0.0054	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011	< 0.0021	U		< 0.0052	U		< 0.0021	U		< 0.0052	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011	< 0.0022	U		< 0.0056	U		< 0.0022	U		< 0.0056	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011	< 0.0022	U		< 0.0054	U		< 0.0022	U		< 0.0054	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012	< 0.0021	U		< 0.0052	U		< 0.0021	U		< 0.0052	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012	< 0.0021	U		< 0.0051	U		< 0.0021	U		< 0.0051	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012	< 0.0021	U		< 0.0053	U		< 0.0021	U		< 0.0053	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012	< 0.0021	U		< 0.0051	U		< 0.0021	U		< 0.0051	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011	< 0.0026	U		< 0.0065	U		< 0.0026	U		< 0.0065	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011	< 0.0026	U		< 0.0065	U		< 0.0026	U		< 0.0065	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011	< 0.89	U		< 2.2	U		< 0.89	U		< 2.2	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
WRR	GP-7	GP-7-37	3 ft	8/26/2009	< 0.341	U	UJ	2.32		J	< 0.341	U	UJ	< 0.341	U	UJ
WRR	GP-7	GP-7-37D	3 ft	8/26/2009	< 0.318	U	UJ	2.04		J	< 0.318	U	UJ	< 0.318	U	UJ
WRR	GP-7	GP-7-41	3 ft	8/26/2009	< 0.657	U	UJ	4.83		J	< 0.657	U	UJ	< 0.657	U	UJ
WRR	GP-8	GP-8-13	13 ft	8/26/2009	< 0.005	U		0.001	J		< 0.005	U		< 0.005	U	
WRR	GP-8	GP-8-35	35 ft	8/26/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
WRR	GP-8	GP-8-47	47 ft	8/26/2009	< 0.006	U		0.002	J	J	< 0.006	U		< 0.006	U	
WRR	GP-8	GP-8-47D	47 ft	8/26/2009	< 0.235	U		0.458		J	< 0.235	U		< 0.235	U	
WRR	GP-9	GP-9-18	18 ft	8/25/2009	< 5.07	U		26			< 5.07	U		< 5.07	U	
WRR	GP-9	GP-9-37	37 ft	8/25/2009	< 0.006	U		0.206			< 0.006	U		< 0.006	U	
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.45	U		< 1.1	U		< 0.45	U		< 1.1	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.2	U		< 0.49	U		< 0.2	U		< 0.49	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.21	U		< 0.52	U		< 0.21	U		< 0.52	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.0043	U		< 0.011	U		< 0.0043	U		< 0.011	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.0021	U		< 0.0052	U		< 0.0021	U		< 0.0052	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.0024	U		< 0.0061	U		< 0.0024	U		< 0.0061	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.0023	U		< 0.0057	U		< 0.0023	U		< 0.0057	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.4	U		3.16			< 0.4	U		< 1	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 2	U		42.5			< 2	U		< 4.9	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008	< 0.00391	U		< 0.00391	U		< 0.00391	U		< 0.00391	U	
WRR	MW-06	B-6-23	23 ft	5/19/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011	< 0.0026	U		< 0.0064	U		< 0.0026	U		< 0.0064	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011	< 0.0029	U		0.0088			< 0.0029	U		< 0.0071	U	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011	< 0.26	U		1.69			< 0.26	U		< 0.65	U	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011	< 1.2	U		16.3			< 1.2	U		< 3.1	U	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011	< 1.2	U		10.2			< 1.2	U		< 3	U	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 1.4	U		14.3			< 1.4	U		< 3.4	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011	< 5	U		52.7			< 5	U		< 12	U	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011	< 3.1	U		41.2			< 3.1	U		< 7.9	U	
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011	< 0.57	U		0.458	J		< 0.57	U		< 1.4	U	
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011	< 6	U		24.8			< 6	U		< 15	U	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 0.29	U		0.876			< 0.29	U		< 0.72	U	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011	< 2.5	U		0.677	J		< 2.5	U		< 6.2	U	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011	< 0.12	U		0.561			< 0.12	U		< 0.3	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011	< 0.33	U		< 0.83	U		< 0.33	U		< 0.83	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011	< 0.0023	U		0.0054	J		< 0.0023	U		< 0.0058	U	
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.46	U		0.37	J		< 0.46	U		< 1.2	U	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011	< 0.0023	U		< 0.0057	U		< 0.0023	U		< 0.0057	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.0022	U		< 0.0055	U		< 0.0022	U		< 0.0055	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011	< 0.0033	U		< 0.0083	U		< 0.0033	U		< 0.0083	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011	< 0.0022	U		0.00058	J		< 0.0022	U		< 0.0054	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011	< 0.0022	U		0.0012	J		< 0.0022	U		< 0.0056	U	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011	< 0.37	U		< 0.91	U		< 0.37	U		< 0.91	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011	< 0.32	U		< 0.8	U		< 0.32	U		< 0.8	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011	< 0.41	U		0.329	J		< 0.41	U		< 1	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,2-Dichloropropane (mg/kg)			1,3,5-Trimethylbenzene (mg/kg)			1,3-Dichlorobenzene (mg/kg)			1,3-Dichloropropane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011	< 2.7	U		23.2			< 2.7	U		< 6.8	U	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011	< 6	U		153			< 6	U		< 15	U	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.38	U		< 0.94	U		< 0.38	U		< 0.94	U	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011	< 0.0022	U		0.0014	J		< 0.0022	U		< 0.0055	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011	< 0.24	U		5.63			< 0.24	U		< 0.6	U	
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011	< 0.25	U		< 0.61	U		< 0.25	U		< 0.61	U	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.0023	U		< 0.0058	U		< 0.0023	U		< 0.0058	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011	< 0.24	U		< 0.6	U		< 0.24	U		< 0.6	U	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.32	U		< 0.8	U		< 0.32	U		< 0.8	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.0024	U		0.0155			< 0.0024	U		< 0.006	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.0023	U		0.0014	J		< 0.0023	U		< 0.0058	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.0021	U		0.00079	J		< 0.0021	U		< 0.0052	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.0025	U		< 0.0062	U		< 0.0025	U		< 0.0062	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011	< 0.0024	U		< 0.0061	U		< 0.0024	U		< 0.0061	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011	< 0.0023	U		0.0013	J		< 0.0023	U		< 0.0057	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011	< 0.0021	U		0.0012	J		< 0.0021	U		< 0.0052	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.0025	U		0.0019	J		< 0.0025	U		< 0.0061	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011	< 0.0022	U		< 0.0056	U		< 0.0022	U		< 0.0056	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011	< 0.0022	U		0.0333		J	< 0.0022	U		< 0.0055	U	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011	< 0.56	U		0.479	J		< 0.56	U		< 1.4	U	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011	< 0.6	U		0.587	J		< 0.6	U		< 1.5	U	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.32	U		< 0.79	U		< 0.32	U		< 0.79	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011	< 0.47	U		6.82			< 0.47	U		< 1.2	U	
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011	< 2.2	U		30.1			< 2.2	U		< 5.6	U	
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011	< 0.0026	U		< 0.0065	U		< 0.0026	U		< 0.0065	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011	< 0.0021	U		< 0.0053	U		< 0.0021	U		< 0.0053	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011	< 0.0023	U		< 0.0058	U		< 0.0023	U		< 0.0058	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.0024	U		< 0.0061	U		< 0.0024	U		< 0.0061	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.002	U		0.0011	J	J	< 0.002	U		< 0.0051	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0023	U		< 0.0058	U		< 0.0023	U		< 0.0058	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.0023	U		< 0.0057	U		< 0.0023	U		< 0.0057	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.0028	U		< 0.007	U		< 0.0028	U		< 0.007	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.0023	U		< 0.0056	U		< 0.0023	U		< 0.0056	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.52	U		0.171	J		< 0.52	U		< 1.3	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0024	U		0.0035	J		< 0.0024	U		< 0.0059	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.24	U		0.0771	J		< 0.24	U		< 0.6	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011	< 2.5	U		39.9			< 2.5	U		< 6.2	U	
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011	< 0.63	U		0.28	J		< 0.63	U		< 1.6	U	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 1.2	U		< 3.1	U		< 1.2	U		< 3.1	U	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011	< 0.56	U		0.466	J		< 0.56	U		< 1.4	U	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 1.2	U		< 2.9	U		< 1.2	U		< 2.9	U	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0023	U		0.0016	J		< 0.0023	U		< 0.0057	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 55	U		68.9	J		< 55	U		< 140	U	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 10	U		1.93	J		< 10	U		< 25	U	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.24	U		1.71			< 0.24	U		< 0.6	U	
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011	< 3.4	U		36.5			< 3.4	U		< 8.4	U	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011	< 0.24	U		< 0.61	U		< 0.24	U		< 0.61	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011	< 1.9	U		16.7			< 1.9	U		< 4.8	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011	< 0.0022	U		< 0.0054	U		< 0.0022	U		< 0.0054	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011	< 0.64	U		< 1.6	U		< 0.64	U		< 1.6	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011	< 2.5	U		8.48			< 2.5	U		< 6.3	U	
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011	< 0.22	U		0.225	J		< 0.22	U		< 0.54	U	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011	< 0.25	U		0.773			< 0.25	U		< 0.62	U	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011	< 1.2	U		9.58			< 1.2	U		< 3	U	
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011	< 0.89	U		2.74			< 0.89	U		< 2.2	U	
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 1	U		0.327	J		< 1	U		< 2.5	U	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011	< 0.48	U		0.196	J		< 0.48	U		< 1.2	U	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0022	U		< 0.0054	U		< 0.0022	U		< 0.0054	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0023	U		< 0.0058	U		< 0.0023	U		< 0.0058	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011	< 0.0026	U		0.003	J	J	< 0.0026	U		< 0.0065	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011	< 0.0026	U		0.0033	J		< 0.0026	U		< 0.0065	U	

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**1,2-Dichloropropane (mg/kg)**			**1,3,5-Trimethylbenzene (mg/kg)**			**1,3-Dichlorobenzene (mg/kg)**			**1,3-Dichloropropane (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 0.0028	U		0.0044	J	J	< 0.0028	U		< 0.0069	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0022	U		< 0.0056	U		< 0.0022	U		< 0.0056	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0026	U		0.0228		J	< 0.0026	U		< 0.0064	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.0026	U		0.00036	J		< 0.0026	U	UJ	< 0.0064	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.0023	U		< 0.0058	U		< 0.0023	U		< 0.0058	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.0021	U		< 0.0054	U		< 0.0021	U		< 0.0054	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.0025	U		< 0.0063	U		< 0.0025	U		< 0.0063	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0025	U		< 0.0064	U		< 0.0025	U		< 0.0064	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.0022	U		< 0.0055	U		< 0.0022	U		< 0.0055	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0025	U		< 0.0063	U		< 0.0025	U		< 0.0063	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.0025	U		0.00041	J		< 0.0025	U		< 0.0063	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.002	U		< 0.0049	U		< 0.002	U		< 0.0049	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.0023	U		0.002	J		< 0.0023	U		< 0.0057	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.0024	U		0.00034	J		< 0.0024	U		< 0.006	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.0021	U		0.00059	J		< 0.0021	U		< 0.0053	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0024	U		< 0.0061	U		< 0.0024	U		< 0.0061	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0023	U		< 0.0058	U		< 0.0023	U		< 0.0058	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.0021	U		< 0.0053	U		< 0.0021	U		< 0.0053	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.0022	U		< 0.0054	U		< 0.0022	U		< 0.0054	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.0019	U		< 0.0048	U		< 0.0019	U		< 0.0048	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,3-Hexadiene,c&t (mg/kg)			1,4-Dichlorobenzene (mg/kg)			1,4-Dioxane (mg/kg)			1-Butanone, 1-cyclohexyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008				< 0.00394	U							
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008				< 0.006	U							
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008				< 0.00517	U							
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008				< 0.006	U							
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008				< 0.005	U							
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008				< 0.00567	U							
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008				< 0.00479	U							
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008				< 0.00591	U							
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008				< 0.00498	U							
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008				< 0.00533	U							
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012				< 0.23	U		< 2.8	U				
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012				< 0.22	U		< 2.8	U				
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012				< 0.11	U		< 1.4	U				
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012				< 0.0021	U		< 0.026	U				
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012				< 0.0021	U		< 0.026	U				
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012				< 1.3	U		< 16	U				
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012				< 0.0022	U		< 0.028	U				
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012				< 3	U		< 38	U				
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012				< 0.23	U		< 2.9	U				
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012				< 5.2	U		< 65	U				
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012				< 0.29	U		< 3.7	U				
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012				< 0.27	U		< 3.3	U				
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012				< 0.23	U		< 2.9	U				
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012				< 0.25	U		< 3.1	U				
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012				< 0.23	U		< 2.9	U				
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012				< 0.23	U		< 2.9	U				
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012				< 0.23	U		< 2.9	U				
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012				< 0.81	U		< 10	U				
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012				< 0.0032	U		< 0.04	U				
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012				< 0.0026	U		< 0.032	U				
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012				< 0.003	U		< 0.038	U				
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012				< 4.6	U		< 58	U				
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012				< 5.1	U		< 64	U				
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012				< 0.31	U		< 3.8	U				
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015				< 0.0032	U		< 0.039	U	UJ			
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015				< 0.0029	U		< 0.036	U	UJ			
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015				< 0.0018	U		< 0.023	U	UJ			
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013				< 0.0024	U		< 0.03	U				
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013				< 0.0024	U		< 0.03	U				
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013				< 0.0023	U		< 0.029	U				
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013				< 0.0023	U		< 0.028	U				
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014				< 0.0023	U		< 0.029	U				
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014				< 0.29	U		< 3.6	U	UJ			
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014				< 0.25	U		< 3.2	U	UJ			
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014				< 0.0022	U		< 0.028	U				
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014				< 0.0035	U		< 0.044	U				
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014				< 0.0024	U		< 0.03	U				
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014				< 0.0021	U		< 0.027	U				
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014				< 0.0026	U		< 0.033	U				
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014				< 0.0023	U	UJ	< 0.029	U	UJ			
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011				< 0.0025	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011				< 0.0025	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011				< 0.0032	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011				< 0.0027	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011				< 0.0024	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011				< 0.0023	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011				0.003								
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011				< 0.0024	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011				< 0.0025	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011				< 0.0023	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011				< 0.0028	U							

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,3-Hexadiene,c&t (mg/kg)			1,4-Dichlorobenzene (mg/kg)			1,4-Dioxane (mg/kg)			1-Butanone, 1-cyclohexyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011				< 0.0027	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011				< 0.0025	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011				< 0.0031	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011				< 0.24	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011				< 0.45	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011				< 0.26	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011				< 0.23	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011				< 0.0027	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011				< 6.1	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011				< 0.0024	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011				< 0.0024	U		< 0.029	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011				< 0.0021	U		< 0.026	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011				< 0.0022	U		< 0.027	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011				< 0.0024	U		< 0.03	U				
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011				< 0.0022	U		< 0.027	U				
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011				< 0.0023	U		< 0.029	U				
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011				< 0.25	U		< 3.1	U				
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011				< 0.0026	U		< 0.033	U				
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014				< 0.35	U		< 4.3	U	UJ			
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014				< 0.28	U		< 3.6	U	UJ			
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014				< 0.0024	U		< 0.03	U				
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014				< 0.26	U		< 3.2	U	UJ			
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014				< 0.0024	U	UJ	< 0.03	U	UJ			
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014				< 0.0024	U		< 0.03	U				
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				< 5.3	U		< 67	U	UJ			
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015				< 0.0052	U							
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015				< 0.0059	U							
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015				< 0.0042	U							
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015				< 0.0045	U							
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015				< 0.0046	U							
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015				< 0.22	U							
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015				< 0.0048	U							
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015				< 0.26	U							
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011				< 0.002	U		< 0.024	U				
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011				< 0.0024	U		< 0.03	U				
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011				< 0.0023	U		< 0.028	U				
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011				< 0.0025	U		< 0.031	U				
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011				< 0.0028	U		< 0.035	U				
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015				< 0.0051	U							
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015				< 0.0051	U							
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011				< 0.0024	U		< 0.03	U				
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011				< 0.0028	U		< 0.035	U				
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015				< 0.0053	U							
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015				< 0.0051	U							
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015				< 0.0056	U							
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011				< 0.0022	U		< 0.028	U				
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011				< 0.0038	U		< 0.047	U				
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011				< 0.0056	U		< 0.07	U				
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011				< 0.0024	U		< 0.03	U				
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011				< 0.0026	U		< 0.033	U				
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011				< 0.0024	U		< 0.03	U				
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011				< 0.0022	U		< 0.027	U				
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011				< 0.0023	U		< 0.028	U				
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011				< 0.0022	U		< 0.028	U				
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015				< 0.0026	U		< 0.033	U				
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015				< 0.0024	U		< 0.029	U				
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015				< 0.0022	U		< 0.028	U				
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011				< 0.0028	U		< 0.034	U				
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011				< 0.0028	U		< 0.035	U				
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011				< 1.2	U		< 15	U				
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011				< 0.0025	U		< 0.032	U				

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,3-Hexadiene,c&t (mg/kg)			1,4-Dichlorobenzene (mg/kg)			1,4-Dioxane (mg/kg)			1-Butanone, 1-cyclohexyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011				< 0.003	U		< 0.038	U				
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011				< 0.35	U		< 4.3	U				
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011				< 0.0031	U		< 0.039	U				
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012				< 0.0023	U		< 0.029	U				
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012				< 0.0023	U		< 0.028	U				
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012				< 0.0022	U		< 0.028	U				
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013				< 0.003	U		< 0.038	U				
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013				< 0.0026	U		< 0.032	U				
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013				< 0.0024	U		< 0.031	U				
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012				< 0.0023	U		< 0.029	U				
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012				< 0.0023	U		< 0.029	U				
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012				< 0.0029	U		< 0.036	U				
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012				< 0.0027	U	UJ	< 0.033	U	UJ			
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012				< 0.0038	U		< 0.047	U				
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012				< 0.0021	U		< 0.027	U				
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012				< 0.0036	U		< 0.045	U				
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012				< 1.2	U		< 15	U				
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012				< 1.1	U		< 14	U				
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012				< 0.0019	U		< 0.024	U				
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012				< 0.0023	U		< 0.028	U				
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012				< 0.0021	U		< 0.026	U				
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012				< 0.0022	U		< 0.027	U				
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012				< 0.0022	U		< 0.027	U				
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012				< 0.0022	U		< 0.027	U				
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012				< 0.0021	U		< 0.027	U				
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012				< 0.0021	U		< 0.026	U				
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012				< 0.0021	U		< 0.027	U				
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012				< 0.0021	U		< 0.026	U				
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012				< 0.002	U		< 0.026	U				
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012				< 0.0023	U		< 0.029	U				
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012				< 0.0022	U		< 0.028	U				
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012				< 0.0021	U		< 0.026	U				
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012				< 0.0021	U		< 0.027	U				
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013				< 0.0028	U		< 0.035	U				
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013				< 15	U		< 190	U				
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013				< 0.0031	U		< 0.039	U				
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013				< 12	U		< 150	U				
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015				< 0.0052	U							
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013				< 0.0025	U		< 0.031	U				
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013				< 0.0023	U		< 0.028	U				
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013				< 0.0022	U		< 0.027	U				
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013				< 0.0023	U		< 0.028	U				
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013				< 0.0023	U		< 0.029	U				
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013				< 0.0024	U		< 0.03	U				
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013				< 0.0029	U		< 0.037	U				
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013				< 0.0026	U		< 0.032	U				
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013				< 0.0022	U		< 0.027	U				
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013				< 0.0022	U		< 0.028	U				
Public Works	GP-14	GP-14-13	13 ft	12/18/2012				< 0.0023	U		< 0.029	U				
Public Works	GP-14	GP-14-33	33 ft	12/18/2012				< 0.24	U		< 3	U				
Public Works	GP-14	GP-14-39	39 ft	12/18/2012				< 0.24	U		< 3	U				
Public Works	GP-14	GP-14-45	45 ft	12/18/2012				< 0.002	U		< 0.024	U				
Public Works	GP-15	GP-15-19	19 ft	12/18/2012				< 0.5	U		< 6.2	U				
Public Works	GP-15	GP-15-29	29 ft	12/18/2012				< 0.0022	U		< 0.028	U				
Public Works	GP-15	GP-15-37	37 ft	12/18/2012				< 4.9	U		< 61	U	UJ			
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012				< 0.22	U		< 2.8	U				
Public Works	GP-15	GP-15-47	47 ft	12/18/2012				< 1.2	U		< 15	U				
Public Works	GP-15	GP-15-55	55 ft	12/18/2012				< 2	U		< 25	U				
Public Works	GP-15	GP-15-74	74 ft	12/21/2012				< 0.23	U		< 2.8	U				
Public Works	GP-15	GP-15-89	89 ft	12/21/2012				< 0.21	U		< 2.6	U				
Public Works	GP-16	GP-16-23	23 ft	1/3/2013				< 0.0026	U		< 0.032	U	UJ			

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,3-Hexadiene,c&t (mg/kg)			1,4-Dichlorobenzene (mg/kg)			1,4-Dioxane (mg/kg)			1-Butanone, 1-cyclohexyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013				< 0.23	U		< 2.9	U				
Public Works	GP-16	GP-16-51	51 ft	1/3/2013				< 0.21	U		< 2.6	U				
Public Works	GP-16	GP-16-57	57 ft	1/3/2013				< 0.21	U		< 2.6	U				
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013				< 0.24	U		< 2.9	U				
Public Works	GP-16	GP-16-77	77 ft	1/3/2013				< 0.19	U		< 2.4	U				
Public Works	GP-16	GP-16-91	91 ft	1/7/2013				< 0.0019	U		< 0.024	U				
Public Works	GP-17	GP-17-15	15 ft	1/7/2013				< 1.1	U	UJ	< 14	U	UJ			
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013				< 2.8	U	UJ	< 35	U	UJ			
Public Works	GP-17	GP-17-45	45 ft	1/7/2013				< 1.6	U	UJ	< 21	U	UJ			
Public Works	GP-17	GP-17-57	57 ft	1/7/2013				< 2.4	U	UJ	< 30	U	UJ			
Public Works	GP-17	GP-17-65	65 ft	1/7/2013				< 0.16	U	UJ	< 2	U	UJ			
Public Works	GP-18	GP-18-21	21 ft	1/8/2013				< 0.72	U	UJ	< 9	U	UJ			
Public Works	GP-18	GP-18-37	37 ft	1/8/2013				< 2	U	UJ	< 25	U	UJ			
Public Works	GP-18	GP-18-53	53 ft	1/8/2013				< 2.7	U	UJ	< 34	U	UJ			
Public Works	GP-18	GP-18-63	63 ft	1/8/2013				< 1.1	U	UJ	< 13	U	UJ			
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009				< 0.004	U							
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009				< 0.004	U							
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009				< 0.004	U							
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008				< 0.00498	U							
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008				< 0.00549	U							
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008				< 0.0055	U							
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011				< 0.004	U							
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011				< 0.0025	U							
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011				< 0.28	U							
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011				< 0.11	U							
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011				< 5.2	U							
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011				< 1.5	U							
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011				< 0.6	U							
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011				< 1.1	U							
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011				< 0.18	U							
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011				< 0.25	U							
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011				< 0.81	U							
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011				< 0.51	U							
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011				< 0.29	U							
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011				< 2.4	U							
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011				< 1	U							
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011				< 0.76	U							
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011				< 0.0021	U							
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011				< 0.78	U							
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011				< 0.26	U							
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009				< 0.004	U							
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010				< 0.005	U							
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010				< 0.005	U							
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009				< 0.009	U							
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010				< 0.006	U							
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010				< 0.005	U							
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010				< 0.004	U							
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010				< 0.005	U							
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008				< 0.00501	U							
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008				< 0.005	U							
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008				< 0.005	U							
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011				< 0.0024	U							
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011				< 13	U							
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011				< 9.2	U							
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011				< 0.0022	U		< 0.027	U				
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011				< 0.0025	U		< 0.031	U				
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011				< 0.0021	U		< 0.027	U				

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,3-Hexadiene,c&t (mg/kg)			1,4-Dichlorobenzene (mg/kg)			1,4-Dioxane (mg/kg)			1-Butanone, 1-cyclohexyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011				< 1.2	U		< 15	U				
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011				< 1	U		< 13	U				
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011				< 0.0022	U		< 0.027	U				
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014				< 0.0022	U		< 0.028	U				
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014				< 0.0021	U		< 0.027	U				
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014				< 0.0022	U		< 0.027	U				
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011				< 0.0021	U		< 0.026	U				
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011				< 0.0022	U		< 0.028	U				
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011				< 0.0022	U		< 0.027	U				
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012				< 0.0021	U		< 0.026	U				
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012				< 0.0021	U		< 0.026	U				
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012				< 0.0021	U		< 0.026	U				
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012				< 0.0021	U		< 0.026	U				
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011				< 0.0026	U							
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011				< 0.0026	U							
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011				< 0.89	U							
WRR	GP-7	GP-7-25	3 ft	8/26/2009				< 0.005	U							
WRR	GP-7	GP-7-37	3 ft	8/26/2009				< 0.341	U	UJ						
WRR	GP-7	GP-7-37D	3 ft	8/26/2009				< 0.318	U	UJ						
WRR	GP-7	GP-7-41	3 ft	8/26/2009				< 0.657	U	UJ						
WRR	GP-8	GP-8-13	13 ft	8/26/2009				< 0.005	U							
WRR	GP-8	GP-8-35	35 ft	8/26/2009				< 0.005	U							
WRR	GP-8	GP-8-47	47 ft	8/26/2009				< 0.006	U							
WRR	GP-8	GP-8-47D	47 ft	8/26/2009				< 0.235	U							
WRR	GP-9	GP-9-18	18 ft	8/25/2009				< 5.07	U							
WRR	GP-9	GP-9-37	37 ft	8/25/2009				< 0.006	U							
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013				< 0.45	U		< 5.6	U				
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013				< 0.2	U		< 2.5	U				
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013				< 0.21	U		< 2.6	U				
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013				< 0.0043	U		< 0.053	U				
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013				< 0.0021	U		< 0.026	U				
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013				< 0.0024	U		< 0.03	U				
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013				< 0.0023	U		< 0.029	U				
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013				< 0.4	U		< 5	U				
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013				< 2	U		< 25	U				
WRR	MW-06	B-6-04	4 ft	5/15/2008				< 0.00391	U							
WRR	MW-06	B-6-23	23 ft	5/19/2008				< 0.005	U							
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011				< 0.0026	U		< 0.032	U				
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011				< 0.0029	U							
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011				< 0.26	U							
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011				< 1.2	U							
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011				< 1.2	U							
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011				< 1.4	U		< 17	U				
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011				< 5	U		< 62	U				
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011				< 3.1	U		< 39	U				
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011				< 0.57	U		< 7.1	U				
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011				< 6	U		< 75	U				
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011				< 0.29	U		< 3.6	U				
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011				< 2.5	U		< 31	U				
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011				< 0.12	U		< 1.5	U				
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011				< 0.33	U		< 4.1	U				
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011				< 0.0023	U		< 0.029	U				
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011				< 0.46	U		< 5.8	U				
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011				< 0.0023	U		< 0.029	U				
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011				< 0.0022	U		< 0.028	U				
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011				< 0.0033	U		< 0.042	U				
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011				< 0.0022	U		< 0.027	U				
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011				< 0.0022	U		< 0.028	U				
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011				< 0.37	U		< 4.6	U				
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011				< 0.32	U		< 4	U				
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011				< 0.41	U		< 5.1	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1,3-Hexadiene,c&t (mg/kg)			1,4-Dichlorobenzene (mg/kg)			1,4-Dioxane (mg/kg)			1-Butanone, 1-cyclohexyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011				< 2.7	U		< 34	U				
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011				< 6	U		< 75	U				
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011				< 0.38	U		< 4.7	U				
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011				< 0.0022	U		< 0.028	U				
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011				< 0.24	U		< 3	U				
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011				< 0.25	U		< 3.1	U				
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011				< 0.0023	U		< 0.029	U				
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011				< 0.24	U		< 3	U				
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013				< 0.32	U		< 4	U				
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013				< 0.0024	U		< 0.03	U				
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013				< 0.0023	U		< 0.029	U				
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013				< 0.0021	U		< 0.026	U				
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013				< 0.0025	U		< 0.031	U				
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011				< 0.0024	U		< 0.03	U				
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011				< 0.0023	U		< 0.028	U				
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011				< 0.0021	U		< 0.026	U				
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011				< 0.0025	U		< 0.031	U				
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011				< 0.0022	U		< 0.028	U				
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011				< 0.0022	U		< 0.028	U				
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011				< 0.56	U		< 7	U				
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011				< 0.6	U		< 7.5	U				
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011				< 0.32	U		< 3.9	U				
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011				< 0.47	U							
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011				< 2.2	U							
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011				< 0.0026	U		< 0.033	U				
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011				< 0.0021	U		< 0.026	U				
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011				< 0.0023	U		< 0.029	U				
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 0.0024	U		< 0.031	U				
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 0.002	U		< 0.026	U				
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.0023	U		< 0.029	U				
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015				< 0.0023	U		< 0.028	U				
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015				< 0.0028	U		< 0.035	U				
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015				< 0.0023	U		< 0.028	U				
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 0.52	U		< 6.5	U				
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 0.0024	U		< 0.029	U				
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.24	U		< 3	U				
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011				< 2.5	U		< 31	U				
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011				< 0.63	U		< 7.9	U				
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 1.2	U		< 15	U				
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011				< 0.56	U		< 7	U				
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 1.2	U		< 14	U				
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.0023	U		< 0.029	U				
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 55	U		< 690	U				
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 10	U		< 130	U				
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011				< 0.24	U		< 3	U				
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011				< 3.4	U		< 42	U				
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011				< 0.24	U		< 3	U				
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011				< 1.9	U		< 24	U				
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011				< 0.0022	U		< 0.027	U				
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011				< 0.64	U		< 8	U				
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011				< 2.5	U		< 31	U				
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011				< 0.22	U		< 2.7	U				
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011				< 0.25	U		< 3.1	U				
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011				< 1.2	U		< 15	U				
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011				< 0.89	U		< 11	U				
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 1	U		< 13	U				
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011				< 0.48	U		< 6	U				
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 0.0022	U		< 0.027	U				
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011				< 0.0023	U		< 0.029	U				
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011				< 0.0026	U		< 0.032	U				
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011				< 0.0026	U		< 0.033	U				

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**1,3-Hexadiene,c&t (mg/kg)**			**1,4-Dichlorobenzene (mg/kg)**			**1,4-Dioxane (mg/kg)**			**1-Butanone, 1-cyclohexyl- (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 0.0028	U		< 0.035	U				
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 0.0022	U		< 0.028	U				
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011				< 0.0026	U		< 0.032	U				
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013				< 0.0026	U	UJ	< 0.032	U				
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	0.0067	JN		< 0.0023	U		< 0.029	U				
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013				< 0.0021	U		< 0.027	U				
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013				< 0.0025	U		< 0.032	U				
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.0025	U		< 0.032	U				
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013				< 0.0022	U		< 0.028	U				
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.0025	U		< 0.031	U				
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013				< 0.0025	U		< 0.031	U				
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013				< 0.002	U		< 0.024	U				
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013				< 0.0023	U		< 0.029	U				
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013				< 0.0024	U		< 0.03	U				
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013				< 0.0021	U		< 0.026	U				
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.0024	U		< 0.03	U				
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.0023	U		< 0.029	U				
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013				< 0.0021	U		< 0.026	U				
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013				< 0.0022	U		< 0.027	U				
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013				< 0.0019	U		< 0.024	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1-Chlorohexane (mg/Kg)			1-Cyclohexanone, 3-butyl-3-methyl- (mg/kg)			1-Ethyl-4-methylcyclohexane (mg/kg)			1H-Indene, 2,3-dihydro-1,1,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1-Chlorohexane (mg/Kg)			1-Cyclohexanone, 3-butyl-3-methyl- (mg/kg)			1-Ethyl-4-methylcyclohexane (mg/kg)			1H-Indene, 2,3-dihydro-1,1,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014										1.6	JN	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0052	U										
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.0059	U										
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0042	U										
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.0045	U										
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0046	U										
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.22	U										
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.0048	U										
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.26	U F1										
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0051	U										
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0051	U										
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.0053	U										
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.0051	U										
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.0056	U										
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1-Chlorohexane (mg/Kg)			1-Cyclohexanone, 3-butyl-3-methyl- (mg/kg)			1-Ethyl-4-methylcyclohexane (mg/kg)			1H-Indene, 2,3-dihydro-1,1,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0052	U										
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013				0.011	JN							
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1-Chlorohexane (mg/Kg)			1-Cyclohexanone, 3-butyl-3-methyl- (mg/kg)			1-Ethyl-4-methylcyclohexane (mg/kg)			1H-Indene, 2,3-dihydro-1,1,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1-Chlorohexane (mg/Kg)			1-Cyclohexanone, 3-butyl-3-methyl- (mg/kg)			1-Ethyl-4-methylcyclohexane (mg/kg)			1H-Indene, 2,3-dihydro-1,1,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1-Chlorohexane (mg/Kg)			1-Cyclohexanone, 3-butyl-3-methyl- (mg/kg)			1-Ethyl-4-methylcyclohexane (mg/kg)			1H-Indene, 2,3-dihydro-1,1,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013												
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1-Chlorohexane (mg/Kg)			1-Cyclohexanone, 3-butyl-3-methyl- (mg/kg)			1-Ethyl-4-methylcyclohexane (mg/kg)			1H-Indene, 2,3-dihydro-1,1,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013							0.012	JN				
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1H-Indene, 2,3-dihydro-1,6-dimethyl- (mg/kg)			1H-Indene, 2,3-dihydro-4,7-dimethyl- (mg/kg)			1-Iodo-2-methylundecane (mg/kg)			1-Octanol, 2-butyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1H-Indene, 2,3-dihydro-1,6-dimethyl- (mg/kg)			1H-Indene, 2,3-dihydro-4,7-dimethyl- (mg/kg)			1-Iodo-2-methylundecane (mg/kg)			1-Octanol, 2-butyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014				5	JN							
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	6.3	JN		1.9	JN							
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1H-Indene, 2,3-dihydro-1,6-dimethyl- (mg/kg)			1H-Indene, 2,3-dihydro-4,7-dimethyl- (mg/kg)			1-Iodo-2-methylundecane (mg/kg)			1-Octanol, 2-butyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1H-Indene, 2,3-dihydro-1,6-dimethyl- (mg/kg)			1H-Indene, 2,3-dihydro-4,7-dimethyl- (mg/kg)			1-Iodo-2-methylundecane (mg/kg)			1-Octanol, 2-butyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1H-Indene, 2,3-dihydro-1,6-dimethyl- (mg/kg)			1H-Indene, 2,3-dihydro-4,7-dimethyl- (mg/kg)			1-Iodo-2-methylundecane (mg/kg)			1-Octanol, 2-butyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1H-Indene, 2,3-dihydro-1,6-dimethyl- (mg/kg)			1H-Indene, 2,3-dihydro-4,7-dimethyl- (mg/kg)			1-Iodo-2-methylundecane (mg/kg)			1-Octanol, 2-butyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013												
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**1H-Indene, 2,3-dihydro-1,6-dimethyl- (mg/kg)**			**1H-Indene, 2,3-dihydro-4,7-dimethyl- (mg/kg)**			**1-Iodo-2-methylundecane (mg/kg)**			**1-Octanol, 2-butyl- (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1-Octyn-3-ol, 4-ethyl- (mg/Kg)			1-Phenyl-1-butene (mg/kg)			1-Propanol, 2-methyl- (mg/kg)			2(1H)-Pyrimidinone, 4-amino- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1-Octyn-3-ol, 4-ethyl- (mg/Kg)			1-Phenyl-1-butene (mg/kg)			1-Propanol, 2-methyl- (mg/kg)			2(1H)-Pyrimidinone, 4-amino- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	6.1	T J N										
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1-Octyn-3-ol, 4-ethyl- (mg/Kg)			1-Phenyl-1-butene (mg/kg)			1-Propanol, 2-methyl- (mg/kg)			2(1H)-Pyrimidinone, 4-amino- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013							0.013	JN				
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013										0.0057	JN	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1-Octyn-3-ol, 4-ethyl- (mg/Kg)			1-Phenyl-1-butene (mg/kg)			1-Propanol, 2-methyl- (mg/kg)			2(1H)-Pyrimidinone, 4-amino- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1-Octyn-3-ol, 4-ethyl- (mg/Kg)			1-Phenyl-1-butene (mg/kg)			1-Propanol, 2-methyl- (mg/kg)			2(1H)-Pyrimidinone, 4-amino- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1-Octyn-3-ol, 4-ethyl- (mg/Kg)			1-Phenyl-1-butene (mg/kg)			1-Propanol, 2-methyl- (mg/kg)			2(1H)-Pyrimidinone, 4-amino- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013												
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					1-Octyn-3-ol, 4-ethyl- (mg/Kg)			1-Phenyl-1-butene (mg/kg)			1-Propanol, 2-methyl- (mg/kg)			2(1H)-Pyrimidinone, 4-amino- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2,2-Dichloropropane (mg/kg)			2-Butanone (mg/kg)			2-Butene, 2-methyl- (mg/kg)			2-Butene, 3-chloro-1-phenyl-, (Z)- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008	< 0.00394	U		< 0.0394	U							
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008	< 0.006	U	UJ	< 0.058	U							
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008	< 0.00517	U		< 0.0142	J	U						
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008	< 0.006	U		< 0.063	U							
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008	< 0.005	U		< 0.05	U							
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008	< 0.00567	U		< 0.0567	U							
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008	< 0.00479	U		< 0.0479	U							
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008	< 0.00591	U		< 0.0591	U							
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008	< 0.00498	U		< 0.0498	U							
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008	< 0.00533	U	UJ	< 0.0533	U							
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012	< 0.56	U		< 0.56	U							
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012	< 0.56	U		< 0.56	U							
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012	< 0.27	U		< 0.27	U							
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012	< 0.0052	U		< 0.0052	U							
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012	< 0.0051	U		< 0.0051	U							
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012	< 3.3	U		< 3.3	U							
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012	< 0.0056	U		< 0.0056	U							
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012	< 7.5	U		< 7.5	U							
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012	< 0.58	U		< 0.58	U							
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012	< 13	U		< 13	U							
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012	< 0.74	U		< 0.74	U							
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012	< 0.67	U		< 0.67	U							
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012	< 0.57	U		< 0.57	U							
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012	< 0.62	U		< 0.62	U							
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012	< 0.57	U		< 0.57	U							
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012	< 0.57	U		< 0.57	U							
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012	< 0.57	U		< 0.57	U							
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012	< 2	U		< 2	U							
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012	< 0.0081	U		< 0.0081	U							
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012	< 0.0064	U		< 0.0064	U							
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012	< 0.0076	U		< 0.0076	U							
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012	< 12	U		< 12	U							
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012	< 13	U		< 13	U							
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012	< 0.77	U		< 0.77	U							
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 0.0079	U	UJ	< 0.016	U							
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 0.0072	U	UJ	< 0.014	U							
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.0045	U	UJ	< 0.0091	U							
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013	< 0.0059	U		< 0.0059	U							
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013	< 0.006	U		< 0.006	U							
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013	< 0.0057	U		< 0.0057	U							
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013	< 0.0057	U		< 0.0057	U							
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.0057	U		< 0.011	U							
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.72	U		< 1.4	U							
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.64	U		< 1.3	U							
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.0055	U		< 0.011	U							
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.0088	U		< 0.018	U							
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.0059	U		< 0.012	U							
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.0054	U		0.0799		J						
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.0066	U		< 0.013	U							
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.0058	U	UJ	< 0.012	U	UJ						
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.0063	U		< 0.0063	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.0063	U		< 0.0063	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.0079	U		< 0.0079	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.0068	U	UJ	< 0.0068	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.0061	U	UJ	< 0.0061	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.0057	U	UJ	< 0.0065		U						
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.0064	U	UJ	< 0.0064	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.0061	U	UJ	< 0.0061	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.0063	U	UJ	< 0.0063	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.0056	U	UJ	< 0.0056	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.007	U	UJ	< 0.007	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2,2-Dichloropropane (mg/kg)			2-Butanone (mg/kg)			2-Butene, 2-methyl- (mg/kg)			2-Butene, 3-chloro-1-phenyl-, (Z)- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.0068	U	UJ	< 0.0066	J	U						
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.0064	U	UJ	< 0.0064	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.0077	U	UJ	< 0.0077	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.59	U		< 0.59	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 1.1	U		< 1.1	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.64	U		< 0.64	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.58	U		< 0.58	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.0067	U		< 0.0067	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 15	U		< 15	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.0059	U		< 0.0059	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.0059	U		< 0.0059	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.0053	U		< 0.0053	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.0054	U		< 0.0054	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.006	U		< 0.006	U							
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.0055	U		< 0.0055	U							
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.0058	U		< 0.0058	U							
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011	< 0.62	U		< 0.62	U							
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.0066	U		< 0.0066	U							
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.87	U		< 1.7	U							
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.71	U		< 1.4	U							
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.0061	U		< 0.012	U							
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.64	U		< 1.3	U							
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.0059	U	UJ	< 0.012	U	UJ						
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.0059	U		< 0.012	U							
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 13	U		< 27	U							
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0052	U		< 0.026	U							
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.0059	U		< 0.029	U							
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0042	U		0.013	J							
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.0045	U		0.0055	J							
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0046	U		< 0.023	U							
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.22	U		< 1.1	U							
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.0048	U		< 0.024	U							
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.26	U		< 1.3	U							
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.0049	U		< 0.0049	U	UJ						
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.006	U		< 0.006	U							
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.0057	U		< 0.0057	U							
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.0061	U		< 0.0061	U	UJ						
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.007	U		< 0.007	U	UJ						
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0051	U		< 0.025	U							
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0051	U		< 0.025	U							
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.006	U		< 0.006	U	UJ						
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.007	U		< 0.007	U	UJ						
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.0053	U		< 0.027	U							
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.0051	U		< 0.025	U							
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.0056	U		< 0.028	U							
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011	< 0.0055	U		< 0.0055	U							
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011	< 0.0094	U		< 0.0094	U							
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011	< 0.014	U		< 0.014	U							
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011	< 0.0059	U		< 0.0059	U							
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0066	U		< 0.0066	U							
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011	< 0.006	U		< 0.006	U							
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011	< 0.0055	U		< 0.0055	U							
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011	< 0.0057	U		< 0.0057	U							
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0056	U		< 0.0056	U							
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.0066	U		< 0.013	U							
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.0059	U		< 0.012	U							
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.0056	U		< 0.011	U							
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0069	U		< 0.0069	U							
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011	< 0.007	U		< 0.007	U							
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011	< 2.9	U		< 2.9	U							
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011	< 0.0064	U		< 0.0064	U							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2,2-Dichloropropane (mg/kg)			2-Butanone (mg/kg)			2-Butene, 2-methyl- (mg/kg)			2-Butene, 3-chloro-1-phenyl-, (Z)- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0076	U		< 0.0076	U							
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011	< 0.86	U		< 0.86	U							
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011	< 0.0077	U		< 0.0077	U							
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012	< 0.0059	U		< 0.0059	U							
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012	< 0.0057	U		< 0.0057	U							
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012	< 0.0056	U		< 0.0056	U							
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013	< 0.0075	U		< 0.0075	U							
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013	< 0.0064	U		< 0.0064	U							
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013	< 0.0061	U		< 0.0061	U							
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012	< 0.0057	U		< 0.0057	U							
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012	< 0.0058	U		< 0.0058	U							
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012	< 0.0071	U		< 0.0071	U							
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012	< 0.0067	U	UJ	< 0.0067	U	UJ						
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012	< 0.0095	U		< 0.0095	U							
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012	< 0.0053	U		< 0.0053	U							
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012	< 0.0091	U		< 0.0091	U							
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012	< 3	U		< 3	U	UJ						
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012	< 2.7	U		< 2.7	U	UJ						
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012	< 0.0048	U		< 0.0048	U							
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012	< 0.0056	U		< 0.0056	U							
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012	< 0.0052	U		< 0.0052	U							
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012	< 0.0054	U		< 0.0054	U							
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012	< 0.0054	U		< 0.0054	U							
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012	< 0.0055	U		< 0.0055	U							
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012	< 0.0053	U		< 0.0053	U							
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012	< 0.0052	U		< 0.0052	U							
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012	< 0.0054	U		< 0.0054	U							
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012	< 0.0052	U		< 0.0052	U							
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012	< 0.0051	U		< 0.0051	U							
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012	< 0.0057	U		< 0.0057	U							
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012	< 0.0055	U		< 0.0055	U							
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012	< 0.0053	U		< 0.0053	U							
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012	< 0.0053	U		< 0.0053	U							
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013	< 0.0071	U		< 0.0071	U							
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013	< 37	U		< 37	U							
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013	< 0.0078	U		< 0.0078	U							
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013	< 31	U		< 31	U							
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0052	U		< 0.026	U							
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.0062	U		< 0.0062	U							
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.0057	U		< 0.0057	U							
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.0055	U		< 0.0055	U							
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.0056	U		< 0.0056	U							
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.0058	U		< 0.0058	U							
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.006	U		< 0.006	U							
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 0.0073	U		< 0.0073	U							
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.0064	U		< 0.0064	U							
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.0054	U		< 0.0054	U							
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.0055	U		< 0.0055	U							
Public Works	GP-14	GP-14-13	13 ft	12/18/2012	< 0.0058	U		< 0.0058	U							
Public Works	GP-14	GP-14-33	33 ft	12/18/2012	< 0.61	U		< 0.61	U	UJ						
Public Works	GP-14	GP-14-39	39 ft	12/18/2012	< 0.61	U		< 0.61	U	UJ						
Public Works	GP-14	GP-14-45	45 ft	12/18/2012	< 0.0049	U		< 0.0049	U							
Public Works	GP-15	GP-15-19	19 ft	12/18/2012	< 1.2	U		< 1.2	U	UJ						
Public Works	GP-15	GP-15-29	29 ft	12/18/2012	< 0.0055	U		< 0.0055	U							
Public Works	GP-15	GP-15-37	37 ft	12/18/2012	< 12	U		< 12	U	UJ						
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012	< 0.55	U		< 0.55	U	UJ						
Public Works	GP-15	GP-15-47	47 ft	12/18/2012	< 3	U		< 3	U	UJ						
Public Works	GP-15	GP-15-55	55 ft	12/18/2012	< 5	U		< 5	U	UJ						
Public Works	GP-15	GP-15-74	74 ft	12/21/2012	< 0.57	U		< 0.57	U	UJ						
Public Works	GP-15	GP-15-89	89 ft	12/21/2012	< 0.52	U		< 0.52	U	UJ						
Public Works	GP-16	GP-16-23	23 ft	1/3/2013	< 0.0065	U		< 0.0065	U							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2,2-Dichloropropane (mg/kg)			2-Butanone (mg/kg)			2-Butene, 2-methyl- (mg/kg)			2-Butene, 3-chloro-1-phenyl-, (Z)- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013	< 0.57	U		< 0.57	U	UJ						
Public Works	GP-16	GP-16-51	51 ft	1/3/2013	< 0.52	U		< 0.52	U	UJ						
Public Works	GP-16	GP-16-57	57 ft	1/3/2013	< 0.52	U		< 0.52	U	UJ						
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013	< 0.59	U		< 0.59	U	UJ						
Public Works	GP-16	GP-16-77	77 ft	1/3/2013	< 0.49	U		< 0.49	U	UJ						
Public Works	GP-16	GP-16-91	91 ft	1/7/2013	< 0.0048	U		< 0.0048	U							
Public Works	GP-17	GP-17-15	15 ft	1/7/2013	< 2.7	U	UJ	< 2.7	U	UJ						
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013	< 7	U	UJ	< 7	U	UJ						
Public Works	GP-17	GP-17-45	45 ft	1/7/2013	< 4.1	U	UJ	< 4.1	U	UJ						
Public Works	GP-17	GP-17-57	57 ft	1/7/2013	< 5.9	U	UJ	< 5.9	U	UJ						
Public Works	GP-17	GP-17-65	65 ft	1/7/2013	< 0.39	U	UJ	< 0.39	U	UJ						
Public Works	GP-18	GP-18-21	21 ft	1/8/2013	< 1.8	U	UJ	< 1.8	U	UJ						
Public Works	GP-18	GP-18-37	37 ft	1/8/2013	< 5.1	U	UJ	< 5.1	U	UJ						
Public Works	GP-18	GP-18-53	53 ft	1/8/2013	< 6.7	U	UJ	< 6.7	U	UJ						
Public Works	GP-18	GP-18-63	63 ft	1/8/2013	< 2.6	U	UJ	< 2.6	U	UJ						
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009	< 0.004	U		< 0.043	U							
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009	< 0.004	U		< 0.045	U							
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009	< 0.004	U		< 0.041	U							
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008	< 0.00498	U		< 0.0498	U							
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008	< 0.00549	U		< 0.0549	U							
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008	< 0.0055	U		< 0.055	U							
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011	< 0.01	U		< 0.01	U							
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011	< 0.0063	U		< 0.0063	U							
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011	< 0.7	U		< 0.7	U							
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011	< 0.28	U		< 0.28	U							
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011	< 13	U		< 13	U							
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011	< 3.6	U		< 3.6	U							
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011	< 1.5	U		< 1.5	U							
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011	< 2.8	U		< 2.8	U							
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011	< 0.46	U		< 0.46	U							
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011	< 0.63	U		< 0.63	U							
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011	< 2	U		< 2	U							
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011	< 1.3	U		< 1.3	U							
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011	< 0.73	U		< 0.73	U							
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011	< 6.1	U		< 6.1	U							
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011	< 2.6	U		< 2.6	U							
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011	< 1.9	U		< 1.9	U							
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011	< 0.0052	U		< 0.0052	U							
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011	< 2	U		< 2	U							
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011	< 0.64	U		< 0.64	U							
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009	< 0.005	U		< 0.052	U							
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009	< 0.005	U		< 0.052	U							
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009	< 0.004	U		< 0.045	U							
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010	< 0.005	U		< 0.016	J	U						
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010	< 0.005	U		< 0.049	U							
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009	< 0.009	U		< 0.088	U							
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009	< 0.005	U		< 0.047	U							
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009	< 0.005	U		< 0.051	U							
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010	< 0.006	U		< 0.063	U							
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010	< 0.005	U		< 0.051	U							
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010	< 0.004	U		< 0.038	U							
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010	< 0.005	U		< 0.047	U							
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008	< 0.00501	U		< 0.0501	U							
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008	< 0.005	U	UJ	< 0.053	U							
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008	< 0.005	U	UJ	< 0.051	U							
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011	< 0.0061	U		< 0.0061	U							
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011	< 33	U		< 33	U							
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011	< 23	U		< 23	U							
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0055	U		< 0.0055	U							
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0062	U		< 0.0062	U							
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011	< 0.0053	U		< 0.0053	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2,2-Dichloropropane (mg/kg)			2-Butanone (mg/kg)			2-Butene, 2-methyl- (mg/kg)			2-Butene, 3-chloro-1-phenyl-, (Z)- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011	< 3.1	U		< 3.1	U							
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011	< 2.5	U		< 2.5	U							
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011	< 0.0054	U		< 0.0054	U							
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0055	U		< 0.011	U							
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.0053	U		< 0.011	U							
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0054	U		< 0.011	U							
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011	< 0.0052	U		< 0.0052	U							
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011	< 0.0056	U		< 0.0056	U							
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011	< 0.0054	U		< 0.0054	U							
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012	< 0.0052	U		< 0.0052	U							
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012	< 0.0051	U		< 0.0051	U							
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012	< 0.0053	U		< 0.0053	U							
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012	< 0.0051	U		< 0.0051	U							
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011	< 0.0065	U		< 0.0065	U							
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011	< 0.0065	U		< 0.0065	U							
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011	< 2.2	U		< 2.2	U							
WRR	GP-7	GP-7-25	3 ft	8/26/2009	< 0.005	U		< 0.05	U							
WRR	GP-7	GP-7-37	3 ft	8/26/2009	< 0.341	U	UJ	< 3.41	U	UJ						
WRR	GP-7	GP-7-37D	3 ft	8/26/2009	< 0.318	U	UJ	< 3.18	U	UJ						
WRR	GP-7	GP-7-41	3 ft	8/26/2009	< 0.657	U	UJ	< 6.57	U	UJ						
WRR	GP-8	GP-8-13	13 ft	8/26/2009	< 0.005	U		< 0.046	U							
WRR	GP-8	GP-8-35	35 ft	8/26/2009	< 0.005	U		< 0.012	J	U						
WRR	GP-8	GP-8-47	47 ft	8/26/2009	< 0.006	U		< 0.056	U							
WRR	GP-8	GP-8-47D	47 ft	8/26/2009	< 0.235	U		< 2.35	U							
WRR	GP-9	GP-9-18	18 ft	8/25/2009	< 5.07	U		< 50.7	U							
WRR	GP-9	GP-9-37	37 ft	8/25/2009	< 0.006	U		< 0.061	U							
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 1.1	U		< 1.1	U	UJ						
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.49	U		< 0.49	U	UJ						
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.52	U		< 0.52	U	UJ						
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.011	U		< 0.011	U							
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.0052	U		< 0.0052	U							
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.0061	U		< 0.0061	U							
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.0057	U		< 0.0057	U							
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 1	U		< 1	U	UJ						
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 4.9	U		< 4.9	U	UJ						
WRR	MW-06	B-6-04	4 ft	5/15/2008	< 0.00391	U		< 0.0391	U							
WRR	MW-06	B-6-23	23 ft	5/19/2008	< 0.005	U	UJ	< 0.051	U							
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011	< 0.0064	U		< 0.0064	U							
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011	< 0.0071	U		< 0.0071	U							
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011	< 0.65	U		< 0.65	U							
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011	< 3.1	U		< 3.1	U							
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011	< 3	U		< 3	U							
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 3.4	U		< 3.4	U							
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011	< 12	U		< 12	U							
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011	< 7.9	U		< 7.9	U							
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011	< 1.4	U		< 1.4	U							
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011	< 15	U		< 15	U							
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 0.72	U		< 0.72	U							
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011	< 6.2	U		< 6.2	U							
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011	< 0.3	U		< 0.3	U							
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011	< 0.83	U		< 0.83	U							
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011	< 0.0058	U		< 0.0058	U							
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 1.2	U		< 1.2	U							
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011	< 0.0057	U		< 0.0057	U							
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.0055	U		< 0.0055	U							
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011	< 0.0083	U		< 0.0083	U							
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011	< 0.0054	U		< 0.0054	U							
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011	< 0.0056	U		< 0.0056	U							
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011	< 0.91	U		< 0.91	U							
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011	< 0.8	U		< 0.8	U							
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011	< 1	U		< 1	U							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2,2-Dichloropropane (mg/kg)			2-Butanone (mg/kg)			2-Butene, 2-methyl- (mg/kg)			2-Butene, 3-chloro-1-phenyl-, (Z)- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011	< 6.8	U		< 6.8	U							
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011	< 15	U		< 15	U							
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.94	U		< 0.94	U							
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011	< 0.0055	U		< 0.0055	U							
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011	< 0.6	U		< 0.6	U							
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011	< 0.61	U		< 0.61	U							
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.0058	U		< 0.0058	U							
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011	< 0.6	U		< 0.6	U							
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.8	U		< 0.8	U							
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.006	U		< 0.006	U		0.028	JN				
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.0058	U		< 0.0058	U							
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.0052	U		< 0.0052	U							
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.0062	U		< 0.0062	U							
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011	< 0.0061	U		< 0.0061	U							
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011	< 0.0057	U		< 0.0057	U							
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011	< 0.0052	U		< 0.0052	U							
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.0061	U		< 0.0061	U							
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011	< 0.0056	U		< 0.0056	U							
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011	< 0.0055	U		< 0.0055	U							
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011	< 1.4	U		< 1.4	U							
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011	< 1.5	U		< 1.5	U							
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.79	U		< 0.79	U							
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011	< 1.2	U		< 1.2	U							
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011	< 5.6	U		< 5.6	U							
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011	< 0.0065	U		< 0.0065	U							
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011	< 0.0053	U		< 0.0053	U							
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011	< 0.0058	U		< 0.0058	U							
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.0061	U		< 0.0061	U							
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0051	U		< 0.0051	U							
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0058	U		< 0.0058	U							
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.0057	U		< 0.011	U							
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.007	U		< 0.014	U							
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.0056	U		< 0.011	U							
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 1.3	U		< 1.3	U							
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0059	U		< 0.0059	U							
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.6	U		< 0.6	U							
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011	< 6.2	U		< 6.2	U							
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011	< 1.6	U		< 1.6	U							
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 3.1	U		< 3.1	U							
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011	< 1.4	U		< 1.4	U							
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 2.9	U		< 2.9	U							
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0057	U		< 0.0057	U							
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 140	U		< 140	U							
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 25	U		< 25	U							
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.6	U		< 0.6	U							
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011	< 8.4	U		< 8.4	U							
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011	< 0.61	U		< 0.61	U							
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011	< 4.8	U		< 4.8	U							
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011	< 0.0054	U		< 0.0054	U							
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011	< 1.6	U		< 1.6	U							
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011	< 6.3	U		< 6.3	U							
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011	< 0.54	U		< 0.54	U							
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011	< 0.62	U		< 0.62	U							
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011	< 3	U		< 3	U							
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011	< 2.2	U		< 2.2	U							
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 2.5	U		< 2.5	U							
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011	< 1.2	U		< 1.2	U							
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0054	U		< 0.0054	U							
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0058	U		< 0.0058	U							
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011	< 0.0065	U		< 0.0065	U							
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011	< 0.0065	U		< 0.0065	U							

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**2,2-Dichloropropane (mg/kg)**			**2-Butanone (mg/kg)**			**2-Butene, 2-methyl- (mg/kg)**			**2-Butene, 3-chloro-1-phenyl-, (Z)- (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 0.0069	U		< 0.051		U						
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0056	U		< 0.0056	U							
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0064	U		< 0.0184		U						
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.0064	U		< 0.0064	U							
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.0058	U		< 0.0058	U		0.38	JN				
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.0054	U		< 0.0054	U							
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.0063	U		< 0.0063	U							
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0064	U		< 0.0064	U							
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.0055	U		< 0.0055	U							
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0063	U		< 0.0063	U							
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.0063	U		< 0.0063	U							
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.0049	U		< 0.0049	U							
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.0057	U		< 0.0057	U							
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.006	U		< 0.006	U							
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.0053	U		< 0.0038	J	U						
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0061	U		< 0.0044	J	U						
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0058	U		< 0.0087		U						
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.0053	U		< 0.0053	U							
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.0054	U		< 0.0054	U							
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.0048	U		< 0.0048	U							

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2-Chloroethyl vinyl ether (mg/kg)			2-Chlorotoluene (mg/kg)			2-Decene, 5-methyl-, (Z)- (mg/kg)			2-Hexanone (Methyl N-Butyl Ketone) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008				< 0.00394	U					< 0.0394	U	
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008				< 0.006	U					< 0.058	U	
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008				< 0.00517	U					< 0.0517	U	
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008				< 0.006	U					< 0.063	U	
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008				< 0.005	U					< 0.05	U	
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008				< 0.00567	U					< 0.0567	U	
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008				< 0.00479	U					< 0.0479	U	
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008				< 0.00591	U					< 0.0591	U	
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008				< 0.00498	U					< 0.0498	U	
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008				< 0.00533	U					< 0.0533	U	
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012	< 0.56	U		< 0.56	U					< 0.56	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012	< 0.56	U		< 0.56	U					< 0.56	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012	< 0.27	U		< 0.27	U					< 0.27	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012	< 0.0052	U		< 0.0052	U					< 0.0052	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012	< 0.0051	U		< 0.0051	U					< 0.0051	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012	< 3.3	U		< 3.3	U					< 3.3	U	UJ
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012	< 0.0056	U		< 0.0056	U					< 0.0056	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012	< 7.5	U		< 7.5	U					< 7.5	U	UJ
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012	< 0.58	U		< 0.58	U					< 0.58	U	UJ
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012	< 13	U		< 13	U					< 13	U	UJ
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012	< 0.74	U		< 0.74	U					< 0.74	U	UJ
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012	< 0.67	U		< 0.67	U					< 0.67	U	UJ
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012	< 0.57	U	UJ	< 0.57	U					< 0.57	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012	< 0.62	U	UJ	< 0.62	U					< 0.62	U	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012	< 0.57	U	UJ	< 0.57	U					< 0.57	U	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012	< 0.57	U		< 0.57	U					< 0.57	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012	< 0.57	U		< 0.57	U					< 0.57	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012	< 2	U		< 2	U					< 2	U	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012	< 0.0081	U		< 0.0081	U					< 0.0081	U	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012	< 0.0064	U		< 0.0064	U					< 0.0064	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012	< 0.0076	U		< 0.0076	U					< 0.0076	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012	< 12	U		< 12	U					< 12	U	
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012	< 13	U		< 13	U					< 13	U	
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012	< 0.77	U		< 0.77	U					< 0.77	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 0.78	U		< 0.0079	U					< 0.016	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 1	U		< 0.0072	U					< 0.014	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.59	U		< 0.0045	U					< 0.0091	U	
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013	< 0.0059	U		< 0.0059	U					< 0.0059	U	UJ
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013	< 0.006	U		< 0.006	U					< 0.006	U	UJ
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013	< 0.8	U		< 0.0057	U					< 0.0057	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013	< 0.0057	U		< 0.0057	U					< 0.0057	U	UJ
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.0057	U	UJ	< 0.0057	U					< 0.011	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.72	U		< 0.72	U					< 1.4	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.64	U		< 0.64	U					< 1.3	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.0055	U		< 0.0055	U					< 0.011	U	UJ
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.0088	U		< 0.0088	U					< 0.018	U	UJ
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.0059	U	UJ	< 0.0059	U					< 0.012	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.0054	U	UJ	< 0.0054	U					< 0.011	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.0066	U		< 0.0066	U					< 0.013	U	UJ
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.0058	U	UJ	< 0.0058	U	UJ				< 0.012	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.71	U		< 0.0063	U					< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.74	U		< 0.0063	U					< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.67	U		< 0.0079	U					< 0.0079	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.0068	U		< 0.0068	U					< 0.0068	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.0061	U		< 0.0061	U					< 0.0061	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.0057	U		< 0.0057	U					< 0.0057	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.0064	U		< 0.0064	U					< 0.0064	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.0061	U		< 0.0061	U					< 0.0061	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.0063	U		< 0.0063	U					< 0.0063	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.0056	U		< 0.0056	U					< 0.0056	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.007	U		< 0.007	U					< 0.007	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2-Chloroethyl vinyl ether (mg/kg)			2-Chlorotoluene (mg/kg)			2-Decene, 5-methyl-, (Z)- (mg/kg)			2-Hexanone (Methyl N-Butyl Ketone) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.0068	U		< 0.0068	U					< 0.0068	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.0064	U		< 0.0064	U					< 0.0064	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.0077	U		< 0.0077	U					< 0.0077	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.59	U		< 0.59	U					< 0.59	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 1.1	U		< 1.1	U					< 1.1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.64	U		< 0.64	U					< 0.64	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.58	U		< 0.58	U					< 0.58	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.51	U		< 0.0067	U					< 0.0067	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 15	U		< 15	U					< 15	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.54	U		< 0.0059	U					< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.0059	U		< 0.0059	U					< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.0053	U		< 0.0053	U					< 0.0053	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.0054	U		< 0.0054	U					< 0.0054	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.006	U		< 0.006	U					< 0.006	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.0055	U		< 0.0055	U					< 0.0055	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.0058	U		< 0.0058	U					< 0.0058	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011	< 0.62	U		< 0.62	U					< 0.62	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.0066	U		< 0.0066	U					< 0.0066	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.87	U		< 0.87	U					< 1.7	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.71	U		< 0.71	U					< 1.4	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.0061	U		< 0.0061	U					< 0.012	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.64	U		< 0.64	U					< 1.3	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.0059	U	UJ	< 0.0059	U	UJ				< 0.012	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.0059	U		< 0.0059	U					< 0.012	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 13	U		< 13	U					< 27	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.01	U		< 0.0052	U					< 0.026	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.012	U		< 0.0059	U					< 0.029	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0085	U		< 0.0042	U					< 0.021	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.0091	U		< 0.0045	U					< 0.023	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0091	U		< 0.0046	U					< 0.023	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.45	U		< 0.22	U					< 1.1	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.0096	U		< 0.0048	U					< 0.024	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.52	U		< 0.26	U					< 1.3	U F1	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.0049	U		< 0.0049	U					< 0.0049	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.006	U		< 0.006	U					< 0.006	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.0057	U		< 0.0057	U					< 0.0057	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.0061	U		< 0.0061	U					< 0.0061	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.007	U		< 0.007	U					< 0.007	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.01	U		< 0.0051	U					< 0.025	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.01	U F1		< 0.0051	U					< 0.025	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.006	U		< 0.006	U					< 0.006	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.007	U		< 0.007	U					< 0.007	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.011	U		< 0.0053	U					< 0.027	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.01	U		< 0.0051	U					< 0.025	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.011	U		< 0.0056	U					< 0.028	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011	< 0.0055	U		< 0.0055	U					< 0.0055	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011	< 0.0094	U		< 0.0094	U					< 0.0094	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011	< 0.006	U		< 0.014	U					< 0.014	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011	< 0.0059	U		< 0.0059	U					< 0.0059	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0066	U		< 0.0066	U					< 0.0066	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011	< 0.006	U		< 0.006	U					< 0.006	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011	< 0.0055	U		< 0.0055	U					< 0.0055	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011	< 0.0057	U		< 0.0057	U					< 0.0057	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0056	U		< 0.0056	U					< 0.0056	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.36	U		< 0.0066	U					< 0.013	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.8	U		< 0.0059	U					< 0.012	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.67	U		< 0.0056	U					< 0.011	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0069	U		< 0.0069	U					< 0.0069	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011	< 0.007	U		< 0.007	U					< 0.007	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011	< 2.9	U		< 2.9	U					< 2.9	U	
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011	< 0.0064	U		< 0.0064	U					< 0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2-Chloroethyl vinyl ether (mg/kg)			2-Chlorotoluene (mg/kg)			2-Decene, 5-methyl-, (Z)- (mg/kg)			2-Hexanone (Methyl N-Butyl Ketone) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0076	U		< 0.0076	U					< 0.0076	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011	< 0.86	U		< 0.86	U					< 0.86	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011	< 0.0077	U		< 0.0077	U					< 0.0077	U	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012	< 0.0059	U		< 0.0059	U					< 0.0059	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012	< 0.0057	U		< 0.0057	U					< 0.0057	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012	< 0.0056	U		< 0.0056	U					< 0.0056	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013	< 0.0075	U	UJ	< 0.0075	U					< 0.0075	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013	< 0.0064	U	UJ	< 0.0064	U					< 0.0064	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013	< 0.0061	U	UJ	< 0.0061	U					< 0.0061	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012	< 0.0057	U		< 0.0057	U					< 0.0057	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012	< 0.0058	U		< 0.0058	U					< 0.0058	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012	< 0.0071	U		< 0.0071	U					< 0.0071	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012	< 0.0067	U	UJ	< 0.0067	U	UJ				< 0.0067	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012	< 0.0095	U		< 0.0095	U					< 0.0095	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012	< 0.0053	U		< 0.0053	U					< 0.0053	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012	< 0.0091	U		< 0.0091	U					< 0.0091	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012	< 3	U		< 3	U					< 3	U	
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012	< 2.7	U		< 2.7	U					< 2.7	U	
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012	< 0.0048	U		< 0.0048	U					< 0.0048	U	
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012	< 0.0056	U		< 0.0056	U					< 0.0056	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012	< 0.0052	U		< 0.0052	U					< 0.0052	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012	< 0.0054	U		< 0.0054	U					< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012	< 0.0054	U		< 0.0054	U					< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012	< 0.0055	U		< 0.0055	U					< 0.0055	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012	< 0.0053	U		< 0.0053	U					< 0.0053	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012	< 0.0052	U		< 0.0052	U					< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012	< 0.0054	U		< 0.0054	U					< 0.0054	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012	< 0.0052	U		< 0.0052	U					< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012	< 0.0051	U		< 0.0051	U					< 0.0051	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012	< 0.0057	U		< 0.0057	U					< 0.0057	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012	< 0.0055	U		< 0.0055	U					< 0.0055	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012	< 0.0053	U		< 0.0053	U					< 0.0053	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012	< 0.0053	U		< 0.0053	U					< 0.0053	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013	< 0.0071	U		< 0.0071	U					< 0.0071	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013	< 37	U		< 37	U					< 37	U	
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013	< 0.0078	U		< 0.0078	U					< 0.0078	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013	< 31	U		< 31	U					< 31	U	
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.01	U		< 0.0052	U					< 0.026	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.0062	U		< 0.0062	U					< 0.0062	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.0057	U		< 0.0057	U					< 0.0057	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.0055	U		< 0.0055	U					< 0.0055	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.0056	U		< 0.0056	U					< 0.0056	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.0058	U		< 0.0058	U					< 0.0058	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.006	U		< 0.006	U					< 0.006	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 0.0073	U		< 0.0073	U					< 0.0073	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.0064	U		< 0.0064	U					< 0.0064	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.0054	U		< 0.0054	U					< 0.0054	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.0055	U		< 0.0055	U					< 0.0055	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012	< 0.0058	U		< 0.0058	U					< 0.0058	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012	< 0.61	U		< 0.61	U					< 0.61	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012	< 0.61	U		< 0.61	U					< 0.61	U	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012	< 0.0049	U		< 0.0049	U					< 0.0049	U	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012	< 1.2	U		< 1.2	U					< 1.2	U	
Public Works	GP-15	GP-15-29	29 ft	12/18/2012	< 0.0055	U		< 0.0055	U					< 0.0055	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012	< 12	U		< 12	U					< 12	U	UJ
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012	< 0.55	U		< 0.55	U					9.73		
Public Works	GP-15	GP-15-47	47 ft	12/18/2012	< 3	U		< 3	U					< 3	U	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012	< 5	U		< 5	U					< 5	U	
Public Works	GP-15	GP-15-74	74 ft	12/21/2012	< 0.57	U		< 0.57	U					< 0.57	U	UJ
Public Works	GP-15	GP-15-89	89 ft	12/21/2012	< 0.52	U		< 0.52	U					< 0.52	U	UJ
Public Works	GP-16	GP-16-23	23 ft	1/3/2013	< 0.0065	U		< 0.0065	U					< 0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2-Chloroethyl vinyl ether (mg/kg)			2-Chlorotoluene (mg/kg)			2-Decene, 5-methyl-, (Z)- (mg/kg)			2-Hexanone (Methyl N-Butyl Ketone) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013	< 0.57	U		< 0.57	U					< 0.57	U	UJ
Public Works	GP-16	GP-16-51	51 ft	1/3/2013	< 0.52	U		< 0.52	U					< 0.52	U	UJ
Public Works	GP-16	GP-16-57	57 ft	1/3/2013	< 0.52	U		< 0.52	U					< 0.52	U	UJ
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013	< 0.59	U		< 0.59	U					19.1		J
Public Works	GP-16	GP-16-77	77 ft	1/3/2013	< 0.49	U		< 0.49	U					< 0.49	U	UJ
Public Works	GP-16	GP-16-91	91 ft	1/7/2013	< 0.0048	U		< 0.0048	U					< 0.0048	U	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013	< 2.7	U	UJ	< 2.7	U	UJ				< 2.7	U	UJ
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013	< 7	U	UJ	< 7	U	UJ				< 7	U	UJ
Public Works	GP-17	GP-17-45	45 ft	1/7/2013	< 4.1	U	UJ	< 4.1	U	UJ				< 4.1	U	UJ
Public Works	GP-17	GP-17-57	57 ft	1/7/2013	< 5.9	U	UJ	< 5.9	U	UJ				< 5.9	U	UJ
Public Works	GP-17	GP-17-65	65 ft	1/7/2013	< 0.39	U	UJ	< 0.39	U	UJ				< 0.39	U	UJ
Public Works	GP-18	GP-18-21	21 ft	1/8/2013	< 1.8	U	UJ	< 1.8	U	UJ				< 1.8	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013	< 5.1	U	UJ	< 5.1	U	UJ				< 5.1	U	UJ
Public Works	GP-18	GP-18-53	53 ft	1/8/2013	< 6.7	U	UJ	< 6.7	U	UJ				< 6.7	U	UJ
Public Works	GP-18	GP-18-63	63 ft	1/8/2013	< 2.6	U	UJ	< 2.6	U	UJ				< 2.6	U	UJ
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009				< 0.004	U							
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009				< 0.004	U							
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009				< 0.004	U							
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008				< 0.00498	U					< 0.0498	U	
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008				< 0.00549	U					< 0.0549	U	
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008				< 0.0055	U					< 0.055	U	
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011	< 0.01	U		< 0.01	U					< 0.01	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011	< 0.0063	U		< 0.0063	U					< 0.0063	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011	< 0.7	U		< 0.7	U					< 0.7	U	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011	< 0.28	U		< 0.28	U					< 0.28	U	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011	< 13	U		< 13	U					< 13	U	
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011	< 3.6	U		< 3.6	U					< 3.6	U	
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011	< 1.5	U		< 1.5	U					< 1.5	U	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011	< 2.8	U		< 2.8	U					< 2.8	U	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011	< 0.46	U		< 0.46	U					< 0.46	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011	< 0.63	U		< 0.63	U					< 0.63	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011	< 2	U		< 2	U					< 2	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011	< 1.3	U		< 1.3	U					< 1.3	U	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011	< 0.73	U		< 0.73	U					< 0.73	U	
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011	< 6.1	U		< 6.1	U					< 6.1	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011	< 2.6	U		< 2.6	U					< 2.6	U	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011	< 1.9	U		< 1.9	U					< 1.9	U	
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011	< 0.0052	U		< 0.0052	U					< 0.0052	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011	< 2	U		< 2	U					< 2	U	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011	< 0.64	U		< 0.64	U					< 0.64	U	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009				< 0.004	U							
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010				< 0.005	U							
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010				< 0.005	U							
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009				< 0.009	U							
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010				< 0.006	U							
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010				< 0.005	U							
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010				< 0.004	U							
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010				< 0.005	U							
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008				< 0.00501	U					< 0.0501	U	
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008				< 0.005	U					< 0.053	U	
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008				< 0.005	U					< 0.051	U	
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011	< 0.0061	U		< 0.0061	U					< 0.0061	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011	< 33	U		< 33	U					< 33	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011	< 23	U		< 23	U					< 23	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0055	U		< 0.0055	U					< 0.0055	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0062	U		< 0.0062	U					< 0.0062	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011	< 0.0053	U		< 0.0053	U					< 0.0053	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2-Chloroethyl vinyl ether (mg/kg)			2-Chlorotoluene (mg/kg)			2-Decene, 5-methyl-, (Z)- (mg/kg)			2-Hexanone (Methyl N-Butyl Ketone) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011	< 3.1	U		< 3.1	U					< 3.1	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011	< 2.5	U		< 2.5	U					< 2.5	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011	< 0.0054	U		< 0.0054	U					< 0.0054	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0055	U		< 0.0055	U					< 0.011	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.0053	U		< 0.0053	U					< 0.011	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0054	U		< 0.0054	U					< 0.011	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011	< 0.0052	U		< 0.0052	U					< 0.0052	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011	< 0.0056	U		< 0.0056	U					< 0.0056	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011	< 0.0054	U		< 0.0054	U					< 0.0054	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012	< 0.0052	U		< 0.0052	U					< 0.0052	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012	< 0.0051	U		< 0.0051	U					< 0.0051	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012	< 0.0053	U		< 0.0053	U					< 0.0053	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012	< 0.0051	U		< 0.0051	U					< 0.0051	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011	< 0.0065	U		< 0.0065	U					< 0.0065	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011	< 0.0065	U		< 0.0065	U					< 0.0065	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011	< 2.2	U		< 2.2	U					< 2.2	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009				< 0.005	U							
WRR	GP-7	GP-7-37	3 ft	8/26/2009				< 0.341	U	UJ						
WRR	GP-7	GP-7-37D	3 ft	8/26/2009				< 0.318	U	UJ						
WRR	GP-7	GP-7-41	3 ft	8/26/2009				< 0.657	U	UJ						
WRR	GP-8	GP-8-13	13 ft	8/26/2009				< 0.005	U							
WRR	GP-8	GP-8-35	35 ft	8/26/2009				< 0.005	U							
WRR	GP-8	GP-8-47	47 ft	8/26/2009				< 0.006	U							
WRR	GP-8	GP-8-47D	47 ft	8/26/2009				< 0.235	U							
WRR	GP-9	GP-9-18	18 ft	8/25/2009				< 5.07	U							
WRR	GP-9	GP-9-37	37 ft	8/25/2009				< 0.006	U							
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 1.1	U		< 1.1	U					< 1.1	U	UJ
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.49	U		< 0.49	U					< 0.49	U	UJ
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.52	U		< 0.52	U					< 0.52	U	UJ
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.011	U		< 0.011	U					< 0.011	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.0052	U		< 0.0052	U					< 0.0052	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.0061	U		< 0.0061	U					< 0.0061	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.0057	U		< 0.0057	U					< 0.0057	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 1	U		< 1	U					< 1	U	UJ
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 4.9	U		< 4.9	U					< 4.9	U	UJ
WRR	MW-06	B-6-04	4 ft	5/15/2008				< 0.00391	U					< 0.0391	U	
WRR	MW-06	B-6-23	23 ft	5/19/2008				< 0.005	U					< 0.051	U	
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011	< 0.0064	U		< 0.0064	U					< 0.0064	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011	< 0.0071	U		< 0.0071	U					< 0.0071	U	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011	< 0.65	U		< 0.65	U					< 0.65	U	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011	< 3.1	U		< 3.1	U					< 3.1	U	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011	< 3	U		< 3	U					< 3	U	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 3.4	U		< 3.4	U					< 3.4	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011	< 12	U		< 12	U					< 12	U	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011	< 7.9	U		< 7.9	U					< 7.9	U	
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011	< 1.4	U		< 1.4	U					< 1.4	U	
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011	< 15	U		< 15	U					< 15	U	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 0.72	U		< 0.72	U					< 0.72	U	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011	< 6.2	U		< 6.2	U					< 6.2	U	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011	< 0.3	U		< 0.3	U					< 0.3	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011	< 0.83	U		< 0.83	U					< 0.83	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011	< 0.0058	U		< 0.0058	U					< 0.0058	U	
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 1.2	U		< 1.2	U					< 1.2	U	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011	< 0.0057	U		< 0.0057	U					< 0.0057	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.0055	U		< 0.0055	U					< 0.0055	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011	< 0.0083	U		< 0.0083	U					< 0.0083	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011	< 0.0054	U		< 0.0054	U					< 0.0054	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011	< 0.0056	U		< 0.0056	U					< 0.0056	U	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011	< 0.91	U		< 0.91	U					< 0.91	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011	< 0.8	U		< 0.8	U					< 0.8	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011	< 1	U		< 1	U					< 1	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2-Chloroethyl vinyl ether (mg/kg)			2-Chlorotoluene (mg/kg)			2-Decene, 5-methyl-, (Z)- (mg/kg)			2-Hexanone (Methyl N-Butyl Ketone) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011	< 6.8	U		< 6.8	U					< 6.8	U	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011	< 15	U		< 15	U					< 15	U	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.94	U		< 0.94	U					< 0.94	U	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011	< 0.0055	U		< 0.0055	U					< 0.0055	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011	< 0.6	U		< 0.6	U					< 0.6	U	
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011	< 0.61	U		< 0.61	U					< 0.61	U	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.0058	U		< 0.0058	U					< 0.0058	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011	< 0.6	U		< 0.6	U					< 0.6	U	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.8	U		< 0.8	U					< 0.8	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.006	U		< 0.006	U					< 0.006	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.0058	U		< 0.0058	U					< 0.0058	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.0052	U		< 0.0052	U					< 0.0052	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.0062	U		< 0.0062	U					< 0.0062	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011	< 0.0061	U		< 0.0061	U					< 0.0061	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011	< 0.0057	U		< 0.0057	U					< 0.0057	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011	< 0.0052	U		< 0.0052	U					< 0.0052	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.0061	U		< 0.0061	U					< 0.0061	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011	< 0.0056	U		< 0.0056	U					< 0.0056	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011	< 0.0055	U		< 0.0055	U					< 0.0055	U	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011	< 1.4	U		< 1.4	U					< 1.4	U	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011	< 1.5	U		< 1.5	U					< 1.5	U	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.79	U		< 0.79	U					< 0.79	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011	< 1.2	U		< 1.2	U					< 1.2	U	
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011	< 5.6	U		< 5.6	U					< 5.6	U	
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011	< 0.0065	U		< 0.0065	U					< 0.0065	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011	< 0.0053	U		< 0.0053	U					< 0.0053	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011	< 0.0058	U		< 0.0058	U					< 0.0058	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.0061	U		< 0.0061	U					< 0.0061	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0051	U		< 0.0051	U					< 0.0051	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0058	U		< 0.0058	U					< 0.0058	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.57	U		< 0.0057	U					< 0.011	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.69	U		< 0.007	U					< 0.014	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.61	U		< 0.0056	U					< 0.011	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 1.3	U		< 1.3	U					< 1.3	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0059	U		< 0.0059	U					< 0.0059	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.6	U		< 0.6	U					< 0.6	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011	< 6.2	U		< 6.2	U					< 6.2	U	
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011	< 1.6	U		< 1.6	U					< 1.6	U	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 3.1	U		< 3.1	U					< 3.1	U	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011	< 1.4	U		< 1.4	U					< 1.4	U	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 2.9	U		< 2.9	U					< 2.9	U	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0057	U		< 0.0057	U					< 0.0057	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 140	U		< 140	U					< 140	U	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 25	U		< 25	U					< 25	U	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.6	U		< 0.6	U					< 0.6	U	
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011	< 8.4	U		< 8.4	U					< 8.4	U	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011	< 0.61	U		< 0.61	U					< 0.61	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011	< 4.8	U		< 4.8	U					< 4.8	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011	< 0.0054	U		< 0.0054	U					< 0.0054	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011	< 1.6	U		< 1.6	U					< 1.6	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011	< 6.3	U		< 6.3	U					< 6.3	U	
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011	< 0.54	U		< 0.54	U					< 0.54	U	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011	< 0.62	U		< 0.62	U					< 0.62	U	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011	< 3	U		< 3	U					< 3	U	
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011	< 2.2	U		< 2.2	U					< 2.2	U	
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 2.5	U		< 2.5	U					< 2.5	U	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011	< 1.2	U		< 1.2	U					< 1.2	U	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0054	U		< 0.0054	U					< 0.0054	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0058	U		< 0.0058	U					< 0.0058	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011	< 0.0065	U		< 0.0065	U					< 0.0065	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011	< 0.0065	U		< 0.0065	U					< 0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**2-Chloroethyl vinyl ether (mg/kg)**			**2-Chlorotoluene (mg/kg)**			**2-Decene, 5-methyl-, (Z)- (mg/kg)**			**2-Hexanone (Methyl N-Butyl Ketone) (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 0.0069	U		< 0.0069	U					< 0.0069	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0056	U		< 0.0056	U					< 0.0056	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0064	U		< 0.0064	U					< 0.0064	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.0064	U		< 0.0064	U					< 0.0064	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.0058	U		< 0.0058	U					< 0.0058	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.0054	U		< 0.0054	U					< 0.0054	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.0063	U		< 0.0063	U					< 0.0063	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0064	U		< 0.0064	U					< 0.0064	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.0055	U		< 0.0055	U					< 0.0055	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0063	U		< 0.0063	U					< 0.0063	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.0063	U		< 0.0063	U					< 0.0063	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.0049	U		< 0.0049	U					< 0.0049	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.0057	U		< 0.0057	U					< 0.0057	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.006	U		< 0.006	U					< 0.006	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.0053	U		< 0.0053	U					< 0.0053	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0061	U		< 0.0061	U					< 0.0061	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0058	U		< 0.0058	U					< 0.0058	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.0053	U		< 0.0053	U					< 0.0053	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.0054	U		< 0.0054	U					< 0.0054	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.0048	U		< 0.0048	U					< 0.0048	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2-Indanol (mg/kg)			3-Phenylbut-1-ene (mg/kg)			4-Chlorotoluene (mg/kg)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008							< 0.00394	U		< 0.0394	U	
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008							< 0.006	U		< 0.058	U	
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008							< 0.00517	U		< 0.0517	U	
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008							< 0.006	U		< 0.063	U	
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008							< 0.005	U		< 0.05	U	
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008							< 0.00567	U		< 0.0567	U	
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008							< 0.00479	U		< 0.0479	U	
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008							< 0.00591	U		< 0.0591	U	
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008							< 0.00498	U		< 0.0498	U	
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008							< 0.00533	U		< 0.0533	U	
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012							< 0.56	U		< 0.56	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012							< 0.56	U		< 0.56	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012							< 0.27	U		< 0.27	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012							< 0.0052	U		< 0.0052	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012							< 0.0051	U		< 0.0051	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012							< 3.3	U		< 3.3	U	
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012							< 0.0056	U		< 0.0056	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012							< 7.5	U		< 7.5	U	
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012							< 0.58	U		< 0.58	U	
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012							< 13	U		< 13	U	UJ
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012							< 0.74	U		< 0.74	U	UJ
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012							< 0.67	U		< 0.67	U	UJ
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012							< 0.57	U		< 0.57	U	UJ
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012							< 0.62	U		< 0.62	U	UJ
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012							< 0.57	U		< 0.57	U	UJ
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012							< 0.57	U		< 0.57	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012							< 0.57	U		< 0.57	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012							< 2	U		< 2	U	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012							< 0.0081	U		< 0.0081	U	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012							< 0.0064	U		< 0.0064	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012							< 0.0076	U		< 0.0076	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012							< 12	U		< 12	U	
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012							< 13	U		< 13	U	
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012							< 0.77	U		< 0.77	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015							< 0.0079	U		< 0.0079	U	UJ
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015							< 0.0072	U		< 0.0072	U	UJ
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015							< 0.0045	U		< 0.0045	U	UJ
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013							< 0.0059	U		< 0.0059	U	
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013							< 0.006	U		< 0.006	U	
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013							< 0.0057	U		< 0.0057	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013							< 0.0057	U		< 0.0057	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014							< 0.0057	U		< 0.0057	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014							< 0.72	U		< 0.72	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014							< 0.64	U		< 0.64	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014							< 0.0055	U		< 0.0055	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014							< 0.0088	U		< 0.0088	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014							< 0.0059	U		< 0.0059	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014							< 0.0054	U		< 0.0054	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014							< 0.0066	U		< 0.0066	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014							< 0.0058	U	UJ	< 0.0058	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011							< 0.0063	U		< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011							< 0.0063	U		< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011							< 0.0079	U		< 0.0079	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011							< 0.0068	U		< 0.0068	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011							< 0.0061	U		< 0.0061	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011							< 0.0057	U		< 0.0057	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011							< 0.0064	U		< 0.0064	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011							< 0.0061	U		< 0.0061	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011							< 0.0063	U		< 0.0063	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011							< 0.0056	U		< 0.0056	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011							< 0.007	U		< 0.007	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2-Indanol (mg/kg)			3-Phenylbut-1-ene (mg/kg)			4-Chlorotoluene (mg/kg)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011							< 0.0068	U		< 0.0068	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011							< 0.0064	U		< 0.0064	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011							< 0.0077	U		< 0.0077	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011							< 0.59	U		< 0.59	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011							< 1.1	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011							< 0.64	U		< 0.64	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011							< 0.58	U		< 0.58	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011							< 0.0067	U		< 0.0067	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011							< 15	U		< 15	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011							< 0.0059	U		< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011							< 0.0059	U		< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011							< 0.0053	U		< 0.0053	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011							< 0.0054	U		< 0.0054	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011							< 0.006	U		< 0.006	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011							< 0.0055	U		< 0.0055	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011							< 0.0058	U		< 0.0058	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011							< 0.62	U		< 0.62	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011							< 0.0066	U		< 0.0066	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014							< 0.87	U		< 0.87	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014							< 0.71	U		< 0.71	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014							< 0.0061	U		< 0.0061	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	10	JN					< 0.64	U		< 0.64	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014							< 0.0059	U	UJ	< 0.0059	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014							< 0.0059	U		< 0.0059	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				56	JN		< 13	U		< 13	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015							< 0.0052	U		< 0.026	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015							< 0.0059	U		< 0.029	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015							< 0.0042	U		< 0.021	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015							< 0.0045	U		< 0.023	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015							< 0.0046	U		< 0.023	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015							< 0.22	U		< 1.1	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015							< 0.0048	U		< 0.024	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015							< 0.26	U		< 1.3	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011							< 0.0049	U		< 0.0049	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011							< 0.006	U		< 0.006	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011							< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011							< 0.0061	U		< 0.0061	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011							< 0.007	U		< 0.007	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015							< 0.0051	U		< 0.025	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015							< 0.0051	U		< 0.025	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011							< 0.006	U		< 0.006	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011							< 0.007	U		< 0.007	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015							< 0.0053	U		< 0.027	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015							< 0.0051	U		< 0.025	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015							< 0.0056	U		< 0.028	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011							< 0.0055	U		< 0.0055	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011							< 0.0094	U		< 0.0094	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011							< 0.014	U		< 0.014	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011							< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011							< 0.0066	U		< 0.0066	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011							< 0.006	U		< 0.006	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011							< 0.0055	U		< 0.0055	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011							< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011							< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015							< 0.0066	U		< 0.0066	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015							< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015							< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011							< 0.0069	U		< 0.0069	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011							< 0.007	U		< 0.007	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011							< 2.9	U		< 2.9	U	
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011							< 0.0064	U		< 0.0064	U	

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2-Indanol (mg/kg)			3-Phenylbut-1-ene (mg/kg)			4-Chlorotoluene (mg/kg)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011							< 0.0076	U		< 0.0076	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011							< 0.86	U		< 0.86	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011							< 0.0077	U		< 0.0077	U	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012							< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012							< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012							< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013							< 0.0075	U		< 0.0075	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013							< 0.0064	U		< 0.0064	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013							< 0.0061	U		< 0.0061	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012							< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012							< 0.0058	U		< 0.0058	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012							< 0.0071	U		< 0.0071	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012							< 0.0067	U	UJ	< 0.0067	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012							< 0.0095	U		< 0.0095	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012							< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012							< 0.0091	U		< 0.0091	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012							< 3	U		< 3	U	
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012							< 2.7	U		< 2.7	U	
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012							< 0.0048	U		< 0.0048	U	
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012							< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012							< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012							< 0.0054	U		< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012							< 0.0054	U		< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012							< 0.0055	U		< 0.0055	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012							< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012							< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012							< 0.0054	U		< 0.0054	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012							< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012							< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012							< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012							< 0.0055	U		< 0.0055	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012							< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012							< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013							< 0.0071	U		< 0.0071	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013							< 37	U		< 37	U	
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013							< 0.0078	U		< 0.0078	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013							< 31	U		< 31	U	
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015							< 0.0052	U		< 0.026	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013							< 0.0062	U		< 0.0062	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013							< 0.0057	U		< 0.0057	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013							< 0.0055	U		< 0.0055	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013							< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013							< 0.0058	U		< 0.0058	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013							< 0.006	U		< 0.006	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013							< 0.0073	U		< 0.0073	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013							< 0.0064	U		< 0.0064	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013							< 0.0054	U		< 0.0054	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013							< 0.0055	U		< 0.0055	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012							< 0.0058	U		< 0.0058	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012							< 0.61	U		< 0.61	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012							< 0.61	U		< 0.61	U	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012							< 0.0049	U		< 0.0049	U	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012							< 1.2	U		< 1.2	U	
Public Works	GP-15	GP-15-29	29 ft	12/18/2012							< 0.0055	U		< 0.0055	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012							< 12	U		< 12	U	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012							< 0.55	U		< 0.55	U	
Public Works	GP-15	GP-15-47	47 ft	12/18/2012							< 3	U		< 3	U	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012							< 5	U		< 5	U	
Public Works	GP-15	GP-15-74	74 ft	12/21/2012							< 0.57	U		< 0.57	U	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012							< 0.52	U		< 0.52	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013							< 0.0065	U		< 0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2-Indanol (mg/kg)			3-Phenylbut-1-ene (mg/kg)			4-Chlorotoluene (mg/kg)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013							< 0.57	U		< 0.57	U	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013							< 0.52	U		< 0.52	U	
Public Works	GP-16	GP-16-57	57 ft	1/3/2013							< 0.52	U		< 0.52	U	
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013							< 0.59	U		< 0.59	U	
Public Works	GP-16	GP-16-77	77 ft	1/3/2013							< 0.49	U		< 0.49	U	
Public Works	GP-16	GP-16-91	91 ft	1/7/2013							< 0.0048	U		< 0.0048	U	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013							< 2.7	U	UJ	< 2.7	U	UJ
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013							< 7	U	UJ	< 7	U	UJ
Public Works	GP-17	GP-17-45	45 ft	1/7/2013							< 4.1	U	UJ	< 4.1	U	UJ
Public Works	GP-17	GP-17-57	57 ft	1/7/2013							< 5.9	U	UJ	< 5.9	U	UJ
Public Works	GP-17	GP-17-65	65 ft	1/7/2013							< 0.39	U	UJ	< 0.39	U	UJ
Public Works	GP-18	GP-18-21	21 ft	1/8/2013							< 1.8	U	UJ	< 1.8	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013							< 5.1	U	UJ	< 5.1	U	UJ
Public Works	GP-18	GP-18-53	53 ft	1/8/2013							< 6.7	U	UJ	< 6.7	U	UJ
Public Works	GP-18	GP-18-63	63 ft	1/8/2013							< 2.6	U	UJ	< 2.6	U	UJ
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009							< 0.004	U				
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009							< 0.004	U				
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009							< 0.004	U				
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008							< 0.00498	U		< 0.0498	U	
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008							< 0.00549	U		< 0.0549	U	
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008							< 0.0055	U		< 0.055	U	
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011							< 0.01	U		< 0.01	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011							< 0.0063	U		< 0.0063	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011							< 0.7	U		< 0.7	U	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011							< 0.28	U		< 0.28	U	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011							< 13	U		< 13	U	
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011							< 3.6	U		< 3.6	U	
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011							< 1.5	U		< 1.5	U	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011							< 2.8	U		< 2.8	U	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011							< 0.46	U		< 0.46	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011							< 0.63	U		< 0.63	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011							< 2	U		< 2	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011							< 1.3	U		< 1.3	U	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011							< 0.73	U		< 0.73	U	
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011							< 6.1	U		< 6.1	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011							< 2.6	U		< 2.6	U	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011							< 1.9	U		< 1.9	U	
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011							< 0.0052	U		< 0.0052	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011							< 2	U		< 2	U	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011							< 0.64	U		< 0.64	U	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009							< 0.005	U				
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009							< 0.005	U				
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009							< 0.004	U				
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010							< 0.005	U				
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010							< 0.005	U				
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009							< 0.009	U				
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009							< 0.005	U				
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009							< 0.005	U				
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010							< 0.006	U				
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010							< 0.005	U				
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010							< 0.004	U				
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010							< 0.005	U				
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008							< 0.00501	U		< 0.0501	U	
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008							< 0.005	U		< 0.053	U	
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008							< 0.005	U		< 0.051	U	
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011							0.00048	J		< 0.0061	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011							< 33	U		< 33	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011							< 23	U		< 23	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011							< 0.0055	U		< 0.0055	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011							< 0.0062	U		< 0.0062	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011							< 0.0053	U		< 0.0053	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2-Indanol (mg/kg)			3-Phenylbut-1-ene (mg/kg)			4-Chlorotoluene (mg/kg)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011							< 3.1	U		< 3.1	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011							< 2.5	U		< 2.5	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011							< 0.0054	U		< 0.0054	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014							< 0.0055	U		< 0.0055	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014							< 0.0053	U		< 0.0053	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014							< 0.0054	U		< 0.0054	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011							< 0.0052	U		< 0.0052	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011							< 0.0056	U		< 0.0056	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011							< 0.0054	U		< 0.0054	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012							< 0.0052	U		< 0.0052	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012							< 0.0051	U		< 0.0051	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012							< 0.0053	U		< 0.0053	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012							< 0.0051	U		< 0.0051	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011							< 0.0065	U		< 0.0065	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011							< 0.0065	U		< 0.0065	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011							< 2.2	U		< 2.2	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009							< 0.005	U				
WRR	GP-7	GP-7-37	3 ft	8/26/2009							< 0.341	U	UJ			
WRR	GP-7	GP-7-37D	3 ft	8/26/2009							< 0.318	U	UJ			
WRR	GP-7	GP-7-41	3 ft	8/26/2009							< 0.657	U	UJ			
WRR	GP-8	GP-8-13	13 ft	8/26/2009							< 0.005	U				
WRR	GP-8	GP-8-35	35 ft	8/26/2009							< 0.005	U				
WRR	GP-8	GP-8-47	47 ft	8/26/2009							< 0.006	U				
WRR	GP-8	GP-8-47D	47 ft	8/26/2009							< 0.235	U				
WRR	GP-9	GP-9-18	18 ft	8/25/2009							< 5.07	U				
WRR	GP-9	GP-9-37	37 ft	8/25/2009							< 0.006	U				
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013							< 1.1	U		< 1.1	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013							< 0.49	U		< 0.49	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013							< 0.52	U		< 0.52	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013							< 0.011	U		< 0.011	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013							< 0.0052	U		< 0.0052	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013							< 0.0061	U		< 0.0061	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013							< 0.0057	U		< 0.0057	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013							< 1	U		< 1	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013							< 4.9	U		< 4.9	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008							< 0.00391	U		< 0.0391	U	
WRR	MW-06	B-6-23	23 ft	5/19/2008							< 0.005	U		< 0.051	U	
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011							< 0.0064	U		< 0.0064	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011							< 0.0071	U		< 0.0071	U	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011							< 0.65	U		< 0.65	U	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011							< 3.1	U		< 3.1	U	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011							< 3	U		< 3	U	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011							< 3.4	U		< 3.4	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011							< 12	U		< 12	U	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011							< 7.9	U		< 7.9	U	
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011							< 1.4	U		< 1.4	U	
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011							< 15	U		< 15	U	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011							< 0.72	U		< 0.72	U	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011							< 6.2	U		< 6.2	U	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011							< 0.3	U		< 0.3	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011							< 0.83	U		< 0.83	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011							< 0.0058	U		< 0.0058	U	
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011							< 1.2	U		< 1.2	U	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011							< 0.0057	U		< 0.0057	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011							< 0.0055	U		< 0.0055	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011							< 0.0083	U		< 0.0083	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011							< 0.0054	U		< 0.0054	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011							< 0.0056	U		< 0.0056	U	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011							< 0.91	U		< 0.91	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011							< 0.8	U		< 0.8	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011							< 1	U		< 1	U	

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2-Indanol (mg/kg)			3-Phenylbut-1-ene (mg/kg)			4-Chlorotoluene (mg/kg)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011							< 6.8	U		< 6.8	U	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011							< 15	U		< 15	U	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011							< 0.94	U		< 0.94	U	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011							< 0.0055	U		< 0.0055	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011							< 0.6	U		< 0.6	U	
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011							< 0.61	U		< 0.61	U	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011							< 0.0058	U		< 0.0058	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011							< 0.6	U		< 0.6	U	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013							< 0.8	U		< 0.8	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013							< 0.006	U		< 0.006	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013							< 0.0058	U		< 0.0058	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013							< 0.0052	U		< 0.0052	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013							< 0.0062	U		< 0.0062	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011							< 0.0061	U		< 0.0061	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011							< 0.0057	U		< 0.0057	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011							< 0.0052	U		< 0.0052	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011							< 0.0061	U		< 0.0061	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011							< 0.0056	U		< 0.0056	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011							< 0.0055	U		< 0.0055	U	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011							< 1.4	U		< 1.4	U	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011							< 1.5	U		< 1.5	U	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011							< 0.79	U		< 0.79	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011							< 1.2	U		< 1.2	U	
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011							< 5.6	U		< 5.6	U	
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011							< 0.0065	U		< 0.0065	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011							< 0.0053	U		< 0.0053	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011							< 0.0058	U		< 0.0058	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011							< 0.0061	U		< 0.0061	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011							< 0.0051	U		< 0.0051	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011							< 0.0058	U		< 0.0058	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015							< 0.0057	U		< 0.0057	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015							< 0.007	U		< 0.007	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015							< 0.0056	U		< 0.0056	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011							< 1.3	U		< 1.3	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011							< 0.0059	U		< 0.0059	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011							< 0.6	U		< 0.6	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011							< 6.2	U		< 6.2	U	
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011							< 1.6	U		< 1.6	U	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011							< 3.1	U		< 3.1	U	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011							< 1.4	U		< 1.4	U	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011							< 2.9	U		< 2.9	U	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011							< 0.0057	U		< 0.0057	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011							< 140	U		< 140	U	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011							< 25	U		< 25	U	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011							< 0.6	U		< 0.6	U	
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011							< 8.4	U		< 8.4	U	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011							< 0.61	U		< 0.61	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011							< 4.8	U		< 4.8	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011							< 0.0054	U		< 0.0054	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011							< 1.6	U		< 1.6	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011							< 6.3	U		< 6.3	U	
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011							< 0.54	U		< 0.54	U	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011							< 0.62	U		< 0.62	U	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011							< 3	U		< 3	U	
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011							< 2.2	U		< 2.2	U	
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011							< 2.5	U		< 2.5	U	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011							< 1.2	U		< 1.2	U	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011							< 0.0054	U		< 0.0054	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011							< 0.0058	U		< 0.0058	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011							< 0.0065	U		< 0.0065	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011							< 0.0065	U		< 0.0065	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					2-Indanol (mg/kg)			3-Phenylbut-1-ene (mg/kg)			4-Chlorotoluene (mg/kg)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011							< 0.0069	U		< 0.0069	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011							< 0.0056	U		< 0.0056	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011							< 0.0064	U		< 0.0064	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013							< 0.0064	U		< 0.0064	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013							< 0.0058	U		< 0.0058	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013							< 0.0054	U		< 0.0054	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013							< 0.0063	U		< 0.0063	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013							< 0.0064	U		< 0.0064	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013							< 0.0055	U		< 0.0055	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013							< 0.0063	U		< 0.0063	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013							< 0.0063	U		< 0.0063	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013							< 0.0049	U		< 0.0049	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013							< 0.0057	U		< 0.0057	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013							< 0.006	U		< 0.006	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013							< 0.0053	U		< 0.0053	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013							< 0.0061	U		< 0.0061	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013							< 0.0058	U		< 0.0058	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013							< 0.0053	U		< 0.0053	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013							< 0.0054	U		< 0.0054	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013							< 0.0048	U		< 0.0048	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					4-Undecene, 7-methyl- (mg/kg)			Acetone (mg/kg)			Acrolein (mg/kg)			Acrylonitrile (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008				< 0.0787	U							
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008				< 0.115	U							
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008				< 0.0404	J	U						
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008				< 0.125	U							
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008				< 0.1	U							
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008				< 0.113	U							
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008				< 0.0197	J	U						
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008				< 0.118	U							
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008				< 0.0996	U							
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008				< 0.107	U							
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012				< 0.56	U		< 2.8	U	UJ	< 2.8	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012				< 0.56	U		< 2.8	U	UJ	< 2.8	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012				< 0.27	U		< 1.4	U	UJ	< 1.4	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012				< 0.0052	U	UJ	< 0.026	U	UJ	< 0.026	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012				< 0.0051	U	UJ	< 0.026	U	UJ	< 0.026	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012				< 3.3	U	UJ	< 16	U	UJ	< 16	U	
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012				< 0.0056	U	UJ	< 0.028	U	UJ	< 0.028	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012				< 7.5	U	UJ	< 38	U	UJ	< 38	U	
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012				< 0.58	U	UJ	< 2.9	U	UJ	< 2.9	U	
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012				< 13	U	UJ	< 65	U	UJ	< 65	U	
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012				< 0.74	U	UJ	1.94	J	J	< 3.7	U	
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012				< 0.67	U	UJ	< 3.3	U	UJ	< 3.3	U	
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012				< 0.57	U		< 2.9	U	UJ	< 2.9	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012				< 0.62	U		< 3.1	U	UJ	< 3.1	U	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012				< 0.57	U		< 2.9	U	UJ	< 2.9	U	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012				< 0.57	U	UJ	< 2.9	U	UJ	< 2.9	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012				< 0.57	U	UJ	< 2.9	U	UJ	< 2.9	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012				< 2	U	UJ	< 10	U	UJ	< 10	U	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012				< 0.0081	U	UJ	< 0.04	U	UJ	< 0.04	U	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012				< 0.0064	U	UJ	< 0.032	U	UJ	< 0.032	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012				< 0.0076	U	UJ	< 0.038	U	UJ	< 0.038	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012				< 12	U	UJ	< 58	U	UJ	< 58	U	
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012				< 13	U	UJ	< 64	U	UJ	< 64	U	
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012				< 0.77	U	UJ	< 3.8	U	UJ	< 3.8	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015				0.0493			< 0.039	U		< 0.039	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015				0.0497			< 0.036	U		< 0.036	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015				< 0.0091	U		< 0.023	U		< 0.023	U	
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013				< 0.056		UJ	< 0.03	U		< 0.03	U	
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013				< 0.006	U	UJ	< 0.03	U		< 0.03	U	
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013				< 0.0057	U	UJ	< 0.029	U		< 0.029	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013				< 0.0057	U	UJ	< 0.028	U		< 0.028	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014				< 0.011	U		< 0.029	U		< 0.029	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014				< 1.4	U		< 3.6	U		< 3.6	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014				< 1.3	U		< 3.2	U		< 3.2	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014				< 0.011	U		< 0.028	U		< 0.028	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014				< 0.018	U		< 0.044	U		< 0.044	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014				< 0.012	U	UJ	< 0.03	U		< 0.03	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014				< 0.011	U	UJ	< 0.027	U		< 0.027	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014				< 0.013	U	UJ	< 0.033	U	UJ	< 0.033	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014				< 0.012	U	UJ	< 0.029	U	UJ	< 0.029	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011				0.0602			< 0.031	U		< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011				< 0.0231		U	< 0.032	U		< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011				< 0.0079	U		< 0.039	U		< 0.0079	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011				< 0.0497		U	< 0.034	U		< 0.0068	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011				< 0.0247		U	< 0.03	U		< 0.0061	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011				< 0.1		U	< 0.029	U		< 0.0057	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011				< 0.0064	U		< 0.032	U		< 0.0064	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011				< 0.0061	U		< 0.03	U		< 0.0061	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011				< 0.0289		U	< 0.031	U		< 0.0063	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011				< 0.0314		U	< 0.028	U		< 0.0056	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011				< 0.007	U		< 0.035	U		< 0.007	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	4-Undecene, 7-methyl- (mg/kg)			Acetone (mg/kg)			Acrolein (mg/kg)			Acrylonitrile (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011				< 0.108		U	< 0.034	U		< 0.0068	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011				< 0.0064	U		< 0.032	U		< 0.0064	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011				0.0602			< 0.038	U		< 0.0077	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011				< 0.59	U		< 3	U		< 0.59	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011				< 1.1	U		< 5.7	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011				< 0.64	U		< 3.2	U		< 0.64	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011				< 0.58	U		< 2.9	U		< 0.58	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011				< 0.0067	U		< 0.034	U		< 0.0067	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011				< 15	U		< 76	U		< 15	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011				< 0.0187		U	< 0.029	U		< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011				< 0.0059	U		< 0.029	U		< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011				< 0.0053	U		< 0.026	U		< 0.0053	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011				< 0.0054	U		< 0.027	U		< 0.0054	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011				< 0.006	U		< 0.03	U		< 0.006	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011				< 0.0055	U		< 0.027	U		< 0.0055	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011				< 0.0331		U	< 0.029	U		< 0.0058	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011				< 0.62	U		< 3.1	U		< 0.62	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011				< 0.0066	U		< 0.033	U		< 0.0066	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014				< 1.7	U		< 4.3	U		< 4.3	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014				< 1.4	U		< 3.6	U		< 3.6	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014				< 0.012	U		< 0.03	U	UJ	< 0.03	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014				< 1.3	U	UJ	< 3.2	U		< 3.2	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014				< 0.012	U	UJ	< 0.03	U	UJ	< 0.03	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014				< 0.012	U		< 0.03	U	UJ	< 0.03	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				< 27	U		< 67	U		< 67	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015				0.029			< 0.052	U		< 0.021	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015				0.03			< 0.059	U		< 0.024	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015				0.094			< 0.042	U		< 0.017	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015				0.057			< 0.045	U		< 0.018	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015				0.071			< 0.046	U		< 0.018	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015				< 1.1	U		< 2.2	U		< 0.9	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015				0.016	J		< 0.048	U		< 0.019	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015				< 1.3	U F1		< 2.6	U		< 1	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011				< 0.0049	U		< 0.024	U		< 0.0049	U	UJ
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011				< 0.006	U		< 0.03	U		< 0.006	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011				< 0.0138		U	< 0.028	U		< 0.0057	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011				< 0.0208		U	< 0.031	U		< 0.0061	U	UJ
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011				< 0.007	U		< 0.035	U		< 0.007	U	UJ
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015				0.02	J		< 0.051	U		< 0.02	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015				< 0.025	U		< 0.051	U		< 0.02	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011				< 0.006	U		< 0.03	U		< 0.006	U	UJ
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011				< 0.007	U		< 0.035	U		< 0.007	U	UJ
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015				0.022	J		< 0.053	U		< 0.021	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015				0.021	J		< 0.051	U		< 0.02	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015				0.014	J		< 0.056	U		< 0.023	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011				< 0.0145		U	< 0.028	U		< 0.0055	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011				< 0.0299		U	< 0.047	U		< 0.0094	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011				< 0.053	B	U	< 0.07	U		< 0.014	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011				< 0.0202	B	U	< 0.03	U		< 0.0059	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011				< 0.0525		U	< 0.033	U		< 0.0066	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011				< 0.0141		U	< 0.03	U		< 0.006	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011				< 0.0072		U	< 0.027	U		< 0.0055	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011				< 0.0035	J	U	< 0.028	U		< 0.0057	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011				< 0.188		U	< 0.028	U		< 0.0056	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015				< 0.013	U		< 0.033	U		< 0.033	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015				< 0.012	U		< 0.029	U		< 0.029	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015				< 0.011	U		< 0.028	U		< 0.028	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011				< 0.0169	B	U	< 0.034	U		< 0.0069	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011				< 0.0299	B	U	< 0.035	U		< 0.007	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011				< 2.9	U		< 15	U		< 2.9	U	
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011				< 0.0224	B	U	< 0.032	U		< 0.0064	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					4-Undecene, 7-methyl- (mg/kg)			Acetone (mg/kg)			Acrolein (mg/kg)			Acrylonitrile (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011				< 0.0159	B	U	< 0.038	U		< 0.0076	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011				< 0.86	U		< 4.3	U		< 0.86	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011				< 0.113	B	U	< 0.039	U		< 0.0077	U	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012				< 0.0059	U		< 0.029	U	UJ	< 0.029	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012				< 0.0057	U		< 0.028	U	UJ	< 0.028	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012				< 0.0056	U		< 0.028	U	UJ	< 0.028	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013				< 0.015	U		< 0.038	U		< 0.038	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013				0.265	J		< 0.032	U		< 0.032	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013				0.0882	B		< 0.031	U		< 0.031	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012				< 0.0057	U		< 0.029	U	UJ	< 0.029	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012				< 0.0058	U		< 0.029	U	UJ	< 0.029	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012				< 0.0071	U		< 0.036	U	UJ	< 0.036	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012				< 0.0067	U	UJ	< 0.033	U	UJ	< 0.033	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012				< 0.0095	U		< 0.047	U	UJ	< 0.047	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012				< 0.0053	U		< 0.027	U	UJ	< 0.027	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012				< 0.0091	U		< 0.045	U	UJ	< 0.045	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012				< 3	U	UJ	< 15	U		< 15	U	
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012				< 2.7	U	UJ	< 14	U		< 14	U	
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012				< 0.0048	U		< 0.024	U	UJ	< 0.024	U	
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012				< 0.0056	U		< 0.028	U	UJ	< 0.028	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012				< 0.0052	U	UJ	< 0.026	U	UJ	< 0.026	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012				< 0.0054	U	UJ	< 0.027	U	UJ	< 0.027	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012				< 0.0054	U	UJ	< 0.027	U	UJ	< 0.027	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012				< 0.0055	U	UJ	< 0.027	U	UJ	< 0.027	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012				< 0.0053	U	UJ	< 0.027	U	UJ	< 0.027	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012				< 0.0052	U	UJ	< 0.026	U	UJ	< 0.026	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012				< 0.158		UJ	< 0.027	U	UJ	< 0.027	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012				< 0.0773		UJ	< 0.026	U	UJ	< 0.026	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012				< 0.0051	U		< 0.026	U	UJ	< 0.026	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012				< 0.0057	U		< 0.029	U	UJ	< 0.029	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012				< 0.0055	U		< 0.028	U	UJ	< 0.028	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012				< 0.0053	U		< 0.026	U	UJ	< 0.026	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012				< 0.0053	U		< 0.027	U	UJ	< 0.027	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013				< 0.014	U		< 0.035	U	UJ	< 0.035	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013				< 75	U	UJ	< 190	U		< 190	U	
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013				< 0.016	U		< 0.039	U	UJ	< 0.039	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013				< 61	U	UJ	< 150	U		< 150	U	
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015				< 0.026	U		< 0.052	U		< 0.021	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013				< 0.012	U		< 0.031	U		< 0.031	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013				< 0.011	U		< 0.028	U		< 0.028	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013				< 0.011	U		< 0.027	U		< 0.027	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013				< 0.011	U		< 0.028	U	UJ	< 0.028	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013				< 0.012	U		< 0.029	U	UJ	< 0.029	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013				< 0.012	U		< 0.03	U	UJ	< 0.03	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013				< 0.015	U		< 0.037	U	UJ	< 0.037	U	UJ
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013				< 0.013	U		< 0.032	U	UJ	< 0.032	U	UJ
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013				< 0.011	U		< 0.027	U	UJ	< 0.027	U	UJ
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013				< 0.011	U		< 0.028	U	UJ	< 0.028	U	UJ
Public Works	GP-14	GP-14-13	13 ft	12/18/2012				< 0.0058	U	UJ	< 0.029	U		< 0.029	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012				< 0.61	U	UJ	< 3	U	UJ	< 3	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012				< 0.61	U	UJ	< 3	U	UJ	< 3	U	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012				< 0.0049	U	UJ	< 0.024	U		< 0.024	U	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012				< 1.2	U	UJ	< 6.2	U	UJ	< 6.2	U	
Public Works	GP-15	GP-15-29	29 ft	12/18/2012				< 0.0055	U	UJ	< 0.028	U		< 0.028	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012				< 12	U	UJ	< 61	U	UJ	< 61	U	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012				< 0.55	U	UJ	< 110	U	UJ	< 2.8	U	
Public Works	GP-15	GP-15-47	47 ft	12/18/2012				< 3	U	UJ	< 30	U	UJ	< 15	U	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012				< 5	U	UJ	< 25	U	UJ	< 25	U	
Public Works	GP-15	GP-15-74	74 ft	12/21/2012				< 0.57	U	UJ	< 2.8	U	UJ	< 2.8	U	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012				< 0.52	U	UJ	< 2.6	U	UJ	< 2.6	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013				< 0.0065	U		< 0.032	U		< 0.032	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					4-Undecene, 7-methyl- (mg/kg)			Acetone (mg/kg)			Acrolein (mg/kg)			Acrylonitrile (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013				< 0.57	U	UJ	< 2.9	U	UJ	< 2.9	U	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013				< 0.49	J	UJ	< 2.6	U	UJ	< 2.6	U	
Public Works	GP-16	GP-16-57	57 ft	1/3/2013				< 0.52	U	UJ	< 2.6	U	UJ	24.5		
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013				< 0.59	U	UJ	< 2.9	U	UJ	27.6		
Public Works	GP-16	GP-16-77	77 ft	1/3/2013				< 0.544		UJ	< 2.4	U	UJ	< 2.4	U	
Public Works	GP-16	GP-16-91	91 ft	1/7/2013				< 0.0048	U		< 0.024	U		< 0.024	U	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013				< 2.7	U	UJ	< 14	U	UJ	< 14	U	UJ
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013				< 7	U	UJ	< 35	U	UJ	< 35	U	UJ
Public Works	GP-17	GP-17-45	45 ft	1/7/2013				< 4.1	U	UJ	< 21	U	UJ	< 21	U	UJ
Public Works	GP-17	GP-17-57	57 ft	1/7/2013				< 5.9	U	UJ	< 30	U	UJ	< 30	U	UJ
Public Works	GP-17	GP-17-65	65 ft	1/7/2013				< 0.39	U	UJ	< 2	U	UJ	< 2	U	UJ
Public Works	GP-18	GP-18-21	21 ft	1/8/2013				< 1.8	U	UJ	< 9	U	UJ	< 9	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013				< 5.1	U	UJ	< 25	U	UJ	< 25	U	UJ
Public Works	GP-18	GP-18-53	53 ft	1/8/2013				< 6.7	U	UJ	< 34	U	UJ	< 34	U	UJ
Public Works	GP-18	GP-18-63	63 ft	1/8/2013				< 2.6	U	UJ	< 13	U	UJ	< 13	U	UJ
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009				< 0.019	J	U						
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009				< 0.09	U							
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009				< 0.082	U							
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008				< 0.0996	U							
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008				< 0.11	U							
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008				< 0.0323	JB	U						
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011				< 0.0643		U	< 0.05	U		< 0.01	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011				< 0.0323		U	< 0.032	U		< 0.0063	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011				< 0.7	U		< 3.5	U		< 0.7	U	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011				< 0.28	U		< 1.4	U		< 0.28	U	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011				< 13	U		< 65	U		< 13	U	
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011				< 3.6	U		< 18	U		< 3.6	U	
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011				< 1.5	U		< 7.4	U		< 1.5	U	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011				< 2.8	U		< 14	U		< 2.8	U	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011				< 0.46	U		< 2.3	U		< 0.46	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011				< 0.63	U		< 3.1	U		< 0.63	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011				< 2	U		< 10	U		< 2	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011				< 1.3	U		< 6.4	U		< 1.3	U	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011				< 0.73	U		< 3.7	U		< 0.73	U	
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011				< 6.1	U		< 30	U		< 6.1	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011				< 2.6	U		< 13	U		< 2.6	U	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011				< 1.9	U		< 9.5	U		< 1.9	U	
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011				< 0.0052	U		< 0.026	U		< 0.0052	U	UJ
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011				< 2	U		< 9.8	U		< 2	U	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011				< 0.64	U		< 3.2	U		< 0.64	U	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009				< 0.104	U							
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009				< 0.104	U							
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009				< 0.09	U							
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010				< 0.105	J	U						
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010				< 0.097	U							
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009				< 0.176	U							
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009				< 0.094	U							
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009				< 0.102	U							
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010				< 0.117	J	U						
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010				< 0.101	U							
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010				< 0.077	U							
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010				< 0.094	U							
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008				< 0.1	U							
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008				< 0.106	U							
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008				< 0.102	U							
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011				< 0.022		U	< 0.031	U		< 0.0061	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011				< 33	U		< 170	U		< 33	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011				< 23	U		< 120	U		< 23	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011				< 0.0055	U		< 0.027	U		< 0.0055	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011				< 0.0062	U		< 0.031	U		< 0.0062	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011				< 0.0053	U		< 0.027	U		< 0.0053	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					4-Undecene, 7-methyl- (mg/kg)			Acetone (mg/kg)			Acrolein (mg/kg)			Acrylonitrile (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011				< 3.1	U		< 15	U		< 3.1	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011				< 2.5	U		< 13	U		< 2.5	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011				< 0.0054	U		< 0.027	U		< 0.0054	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014				< 0.011	U		< 0.028	U	UJ	< 0.028	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014				< 0.011	U		< 0.027	U	UJ	< 0.027	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014				< 0.011	U		< 0.027	U	UJ	< 0.027	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011				< 0.0052	U		< 0.026	U		< 0.0052	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011				< 0.0226		U	< 0.028	U		< 0.0056	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011				< 0.0054	U		< 0.027	U		< 0.0054	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012				< 0.0052	U	UJ	< 0.026	U		< 0.026	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012				< 0.0051	U	UJ	< 0.026	U		< 0.026	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012				< 0.0339		UJ	< 0.026	U		< 0.026	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012				< 0.0051	U	UJ	< 0.026	U		< 0.026	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011				< 0.0065	U		< 0.032	U		< 0.0065	U	UJ
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011				< 0.0183		U	< 0.032	U		< 0.0065	U	UJ
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011				< 2.2	U		< 11	U		< 2.2	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009				< 0.1	U							
WRR	GP-7	GP-7-37	3 ft	8/26/2009				< 6.82	U	UJ						
WRR	GP-7	GP-7-37D	3 ft	8/26/2009				< 6.36	U	UJ						
WRR	GP-7	GP-7-41	3 ft	8/26/2009				< 13.1	U	UJ						
WRR	GP-8	GP-8-13	13 ft	8/26/2009				< 0.093	U							
WRR	GP-8	GP-8-35	35 ft	8/26/2009				< 0.091	U							
WRR	GP-8	GP-8-47	47 ft	8/26/2009				< 0.026	J	U						
WRR	GP-8	GP-8-47D	47 ft	8/26/2009				< 4.69	U							
WRR	GP-9	GP-9-18	18 ft	8/25/2009				< 101	U							
WRR	GP-9	GP-9-37	37 ft	8/25/2009				< 0.122	U							
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013				< 1.1	U	UJ	< 5.6	U	UJ	< 5.6	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013				< 0.49	U	UJ	< 2.5	U	UJ	< 2.5	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013				< 0.52	U	UJ	< 2.6	U	UJ	< 2.6	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013				< 0.011	U	UJ	< 0.053	U		< 0.053	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013				< 0.0052	U	UJ	< 0.026	U		< 0.026	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013				< 0.0061	U	UJ	< 0.03	U		< 0.03	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013				< 0.0057	U	UJ	< 0.029	U		< 0.029	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013				< 1	U	UJ	< 5	U	UJ	< 5	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013				< 4.9	U	UJ	< 25	U	UJ	< 25	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008				< 0.0782	U							
WRR	MW-06	B-6-23	23 ft	5/19/2008				< 0.103	U							
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011				< 0.0315	B	U	< 0.032	U		< 0.0064	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011				< 0.0071	U		< 0.036	U		< 0.0071	U	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011				< 0.65	U		< 3.2	U		< 0.65	U	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011				< 3.1	U		< 15	U		< 3.1	U	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011				< 3	U		< 15	U		< 3	U	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011				< 3.4	U		< 17	U		< 3.4	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011				< 12	U		< 62	U		< 12	U	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011				< 7.9	U		< 39	U		< 7.9	U	
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011				< 1.4	U		< 7.1	U	UJ	< 1.4	U	
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011				< 15	U		< 75	U		< 15	U	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011				< 0.72	U		< 3.6	U		< 0.72	U	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011				< 6.2	U		< 31	U		< 6.2	U	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011				< 0.3	U		< 1.5	U	UJ	< 0.3	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011				< 0.83	U		< 4.1	U	UJ	< 0.83	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011				< 0.0372		U	< 0.029	U		< 0.0058	U	
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011				< 1.2	U		< 5.8	U		< 1.2	U	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011				< 0.0326		U	< 0.029	U		< 0.0057	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011				< 0.0046	J	U	< 0.028	U		< 0.0055	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011				< 0.0083	U		< 0.042	U		< 0.0083	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011				< 0.0303		U	< 0.027	U		< 0.0054	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011				< 0.199		U	< 0.028	U		< 0.0056	U	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011				< 0.91	U		< 4.6	U		< 0.91	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011				< 0.8	U		< 4	U		< 0.8	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011				< 1	U		< 5.1	U		< 1	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	4-Undecene, 7-methyl- (mg/kg)			Acetone (mg/kg)			Acrolein (mg/kg)			Acrylonitrile (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011				< 6.8	U		< 34	U		< 6.8	U	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011				< 15	U		< 75	U		< 15	U	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011				< 0.94	U		< 4.7	U		< 0.94	U	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011				< 0.0256		U	< 0.028	U		< 0.0055	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011				< 0.6	U		< 3	U		< 0.6	U	
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011				< 0.61	U		< 3.1	U		< 0.61	U	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011				< 0.003	J	U	< 0.029	U		< 0.0058	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011				< 0.6	U		< 3	U		< 0.6	U	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013				< 1.6	U		< 4	U	UJ	< 4	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013				< 0.012	U		< 0.03	U	UJ	< 0.03	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013				< 0.012	U		< 0.029	U	UJ	< 0.029	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013				< 0.01	U		< 0.026	U	UJ	< 0.026	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013				< 0.012	U		< 0.031	U	UJ	< 0.031	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011				< 0.0176		U	< 0.03	U		< 0.0061	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011				< 0.0214	B	U	< 0.028	U		< 0.0057	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011				< 0.0262	B	U	< 0.026	U		< 0.0052	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011				< 0.0306		U	< 0.031	U		< 0.0061	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011				< 0.0415		U	< 0.028	U		< 0.0056	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011				< 0.0055	U		< 0.028	U		< 0.0055	U	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011				< 1.4	U		< 7	U		< 1.4	U	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011				< 1.5	U		< 7.5	U		< 1.5	U	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011				< 0.79	U		< 3.9	U		< 0.79	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011				< 1.2	U		< 5.8	U		< 1.2	U	
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011				< 5.6	U		< 28	U		< 5.6	U	
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011				< 0.0383		U	< 0.033	U		< 0.0065	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011				< 0.0053	U		< 0.026	U		< 0.0053	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011				< 0.0154		U	< 0.029	U		< 0.0058	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 0.0061	U		< 0.031	U		< 0.0061	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 0.0051	U		< 0.026	U		< 0.0051	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.0058	U		< 0.029	U		< 0.0058	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015				< 0.011	U		< 0.028	U		< 0.028	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015				< 0.014	U		< 0.035	U		< 0.035	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015				< 0.011	U		< 0.028	U		< 0.028	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 1.3	U		< 6.5	U		< 1.3	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 0.0059	U		< 0.029	U		< 0.0059	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.6	U		< 3	U		< 0.6	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011				< 6.2	U		< 31	U	UJ	< 6.2	U	
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011				< 1.6	U		< 7.9	U		< 1.6	U	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 3.1	U		< 15	U		< 3.1	U	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011				< 1.4	U		< 7	U		< 1.4	U	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 2.9	U		< 14	U		< 2.9	U	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.0057	U		< 0.029	U		< 0.0057	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 140	U		< 690	U		< 140	U	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 25	U		< 130	U		< 25	U	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011				< 0.6	U		< 3	U		< 0.6	U	
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011				< 8.4	U		< 42	U		< 8.4	U	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011				< 0.61	U		< 3	U	UJ	< 0.61	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011				< 4.8	U		< 24	U	UJ	< 4.8	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011				< 0.0094		U	< 0.027	U		< 0.0054	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011				< 1.6	U		< 8	U		< 1.6	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011				< 6.3	U		< 31	U		< 6.3	U	
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011				< 0.54	U		< 2.7	U		< 0.54	U	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011				< 0.62	U		< 3.1	U		< 0.62	U	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011				< 3	U		< 15	U		< 3	U	
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011				< 2.2	U		< 11	U		< 2.2	U	
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 2.5	U		< 13	U		< 2.5	U	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011				< 1.2	U		< 6	U		< 1.2	U	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 0.0054	U		< 0.027	U		< 0.0054	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011				< 0.0058	U		< 0.029	U		< 0.0058	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011				< 0.179		U	< 0.032	U		< 0.0065	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011				< 0.0065	U		< 0.033	U		< 0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**4-Undecene, 7-methyl- (mg/kg)**			**Acetone (mg/kg)**			**Acrolein (mg/kg)**			**Acrylonitrile (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 0.0069	U		< 0.035	U		< 0.0069	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 0.0056	U		< 0.028	U		< 0.0056	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011				< 0.0064	U		< 0.032	U		< 0.0064	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013				< 0.013	U		< 0.032	U	UJ	< 0.032	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013				< 0.012	U		< 0.029	U	UJ	< 0.029	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013				< 0.011	U		< 0.027	U	UJ	< 0.027	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013				< 0.013	U		< 0.032	U	UJ	< 0.032	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.013	U		< 0.032	U	UJ	< 0.032	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013				< 0.0304		U	< 0.028	U	UJ	< 0.028	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.013	U		< 0.031	U	UJ	< 0.031	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013				< 0.013	U		< 0.031	U	UJ	< 0.031	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013				< 0.0098	U		< 0.024	U	UJ	< 0.024	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013				< 0.011	U		< 0.029	U	UJ	< 0.029	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013				< 0.012	U		< 0.03	U	UJ	< 0.03	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013				< 0.011	U		< 0.026	U	UJ	< 0.026	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.012	U		< 0.03	U	UJ	< 0.03	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.012	U		< 0.029	U	UJ	< 0.029	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013				< 0.011	U		< 0.026	U	UJ	< 0.026	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	0.008	JN		< 0.011	U		< 0.027	U	UJ	< 0.027	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013				< 0.0096	U		< 0.024	U	UJ	< 0.024	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Azetidine, 1-methyl- (mg/kg)			Benzene (mg/kg)			Benzene, (1,1-dimethylpropyl)- (mg/Kg)			Benzene, (1-methyl-1-propenyl)-, (Z)- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008				< 0.00394	U							
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008				< 0.006	U							
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008				< 0.00517	U							
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008				0.0927		J						
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008				< 0.005	U							
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008				< 0.00567	U							
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008				< 0.00479	U							
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008				< 0.00591	U							
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008				< 0.00498	U							
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008				< 0.00533	U							
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012				< 0.056	U							
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012				< 0.056	U							
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012				< 0.027	U							
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012				< 0.00052	U							
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012				< 0.00051	U							
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012				2.91								
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012				0.00041	J							
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012				3.27								
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012				0.0365	J							
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012				73.3								
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012				3.59								
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012				0.562								
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012				< 0.057	U							
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012				0.0585	J							
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012				< 0.057	U							
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012				< 0.057	U							
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012				< 0.057	U							
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012				< 0.2	U							
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012				0.282								
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012				0.0023								
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012				0.0024								
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012				< 1.2	U							
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012				< 1.3	U							
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012				< 0.077	U							
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015				< 0.00079	U							
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015				0.00059	J							
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015				< 0.00045	U							
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013				< 0.00059	U							
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013				0.0012								
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013				0.0014								
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013				0.0012								
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014				0.0102								
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014				3.63		J						
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014				1.75		J						
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014				0.0011								
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014				0.0011								
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014				0.0011								
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014				0.0128								
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014				0.00072								
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014				0.00098		J						
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011				0.0019								
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011				0.0015								
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011				0.0034								
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011				0.0019								
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011				0.0012								
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011				0.0022								
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011				0.0022								
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011				0.0026								
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011				0.001								
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011				0.0011								
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011				0.0029								

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Azetidine, 1-methyl- (mg/kg)			Benzene (mg/kg)			Benzene, (1,1-dimethylpropyl)- (mg/Kg)			Benzene, (1-methyl-1-propenyl)-, (Z)- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011				0.0028								
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011				< 0.00064	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011				0.0013								
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011				0.025	J							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011				< 0.11	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011				0.0333	J							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011				< 0.058	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011				0.00088								
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011				8.11								
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011				0.0014								
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011				< 0.00059	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011				0.0015								
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011				0.0024								
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011				0.0019								
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011				0.0036								
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011				0.0014								
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011				< 0.062	U							
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011				< 0.00066	U							
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014				< 0.087	U							
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014				< 0.071	U					1.7	JN	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014				0.00085								
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014				< 0.064	U							
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014				0.001								
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014				0.00083								
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				< 1.3	U							
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015				< 0.0052	U							
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015				0.0018	J							
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015				< 0.0042	U							
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015				< 0.0045	U							
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015				< 0.0046	U							
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015				< 0.22	U		2.4	T J N				
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015				< 0.0048	U							
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015				< 0.26	U							
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011				0.0044								
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011				0.0179		J						
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011				0.00071		J						
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011				0.0028								
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011				< 0.0007	U							
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015				< 0.0051	U							
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015				< 0.0051	U							
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011				0.0178		J						
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011				0.0018								
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015				0.0012	J							
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015				< 0.0051	U							
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015				0.0012	J							
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011				< 0.00055	U							
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011				< 0.00094	U							
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011				< 0.0014	U							
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011				< 0.00059	U							
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011				< 0.00066	U							
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011				0.0017								
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011				0.006								
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011				0.0019								
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011				0.12								
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	0.0054	JN		0.00058	J							
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015				< 0.00059	U							
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015				0.0011								
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011				0.0016								
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011				0.0375								
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011				0.248	J							
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011				< 0.00064	U							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Azetidine, 1-methyl- (mg/kg)			Benzene (mg/kg)			Benzene, (1,1-dimethylpropyl)- (mg/Kg)			Benzene, (1-methyl-1-propenyl)-, (Z)- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011				0.0012								
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011				< 0.086	U							
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011				0.002								
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012				0.0017								
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012				0.0017								
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012				0.0008								
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013				0.002								
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013				0.0014								
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013				0.00097								
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012				0.0011								
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012				0.0011								
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012				0.0014								
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012				< 0.00067	U	UJ						
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012				0.002								
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012				0.0023								
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012				0.0017								
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012				< 0.3	U							
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012				< 0.27	U							
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012				0.0037								
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012				0.00065								
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012				0.00086								
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012				0.00084								
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012				< 0.00054	U							
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012				< 0.00055	U							
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012				< 0.00053	U							
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012				< 0.00052	U							
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012				0.0014								
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012				0.0007								
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012				0.0012								
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012				< 0.00057	U							
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012				< 0.00055	U							
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012				0.00071								
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012				0.00074								
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013				< 0.00071	U							
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013				114								
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013				< 0.00078	U							
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013				114								
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015				< 0.0052	U							
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013				0.0016								
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013				0.00098								
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013				< 0.00055	U							
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013				0.0012								
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013				0.00075								
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013				< 0.0006	U							
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013				0.0018								
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013				0.0014								
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013				0.00044	J							
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013				0.00043	J							
Public Works	GP-14	GP-14-13	13 ft	12/18/2012				0.00049	J							
Public Works	GP-14	GP-14-33	33 ft	12/18/2012				3.57								
Public Works	GP-14	GP-14-39	39 ft	12/18/2012				3.75								
Public Works	GP-14	GP-14-45	45 ft	12/18/2012				0.16								
Public Works	GP-15	GP-15-19	19 ft	12/18/2012				63.7								
Public Works	GP-15	GP-15-29	29 ft	12/18/2012				0.126								
Public Works	GP-15	GP-15-37	37 ft	12/18/2012				974								
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012				1150								
Public Works	GP-15	GP-15-47	47 ft	12/18/2012				283								
Public Works	GP-15	GP-15-55	55 ft	12/18/2012				184								
Public Works	GP-15	GP-15-74	74 ft	12/21/2012				3.97								
Public Works	GP-15	GP-15-89	89 ft	12/21/2012				0.483								
Public Works	GP-16	GP-16-23	23 ft	1/3/2013				0.0458								

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Azetidine, 1-methyl- (mg/kg)			Benzene (mg/kg)			Benzene, (1,1-dimethylpropyl)- (mg/Kg)			Benzene, (1-methyl-1-propenyl)-, (Z)- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013				476								
Public Works	GP-16	GP-16-51	51 ft	1/3/2013				25								
Public Works	GP-16	GP-16-57	57 ft	1/3/2013				431								
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013				473								
Public Works	GP-16	GP-16-77	77 ft	1/3/2013				2.18								
Public Works	GP-16	GP-16-91	91 ft	1/7/2013				0.0488								
Public Works	GP-17	GP-17-15	15 ft	1/7/2013				154		J						
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013				391		J						
Public Works	GP-17	GP-17-45	45 ft	1/7/2013				1550								
Public Works	GP-17	GP-17-57	57 ft	1/7/2013				178		J						
Public Works	GP-17	GP-17-65	65 ft	1/7/2013				15.4		J						
Public Works	GP-18	GP-18-21	21 ft	1/8/2013				9.94		J						
Public Works	GP-18	GP-18-37	37 ft	1/8/2013				453								
Public Works	GP-18	GP-18-53	53 ft	1/8/2013				668								
Public Works	GP-18	GP-18-63	63 ft	1/8/2013				67.8		J						
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009				< 0.004	U							
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009				< 0.004	U							
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009				< 0.004	U							
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008				< 0.00498	U							
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008				< 0.00549	U							
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008				< 0.0055	U							
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011				0.0025								
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011				0.0017								
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011				0.263								
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011				< 0.028	U							
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011				< 1.3	U							
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011				< 0.36	U							
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011				< 0.15	U							
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011				< 0.28	U							
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011				< 0.046	U							
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011				< 0.063	U							
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011				< 0.2	U							
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011				< 0.13	U							
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011				< 0.073	U							
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011				< 0.61	U							
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011				< 0.26	U							
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011				0.695								
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011				0.00044	J							
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011				< 0.2	U							
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011				2.42								
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009				< 0.004	U							
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010				< 0.005	U							
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010				0.007								
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009				0.002	J							
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009				0.003	J							
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010				< 0.006	U							
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010				< 0.005	U							
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010				0.034		J						
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010				0.186		J						
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008				< 0.00501	U							
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008				0.344	E	J						
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008				0.795	E	J						
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011				0.0016								
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011				553								
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011				1150								
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011				0.00038	J							
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011				0.0303								
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011				0.0042								

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Azetidine, 1-methyl- (mg/kg)			Benzene (mg/kg)			Benzene, (1,1-dimethylpropyl)- (mg/Kg)			Benzene, (1-methyl-1-propenyl)-, (Z)- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011				55.6								
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011				29.3								
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011				0.222								
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014				0.004								
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014				0.0072								
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014				0.0058								
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011				0.0021								
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011				< 0.00056	U							
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011				< 0.00054	U							
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012				< 0.00052	U							
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012				0.0035								
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012				< 0.00053	U	UJ						
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012				0.317		J						
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011				0.0303								
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011				0.0856								
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011				15.6								
WRR	GP-7	GP-7-25	3 ft	8/26/2009				< 0.005	U							
WRR	GP-7	GP-7-37	3 ft	8/26/2009				0.987		J						
WRR	GP-7	GP-7-37D	3 ft	8/26/2009				0.878		J						
WRR	GP-7	GP-7-41	3 ft	8/26/2009				2.18		J						
WRR	GP-8	GP-8-13	13 ft	8/26/2009				0.002	J							
WRR	GP-8	GP-8-35	35 ft	8/26/2009				0.006								
WRR	GP-8	GP-8-47	47 ft	8/26/2009				< 0.006	U	UJ						
WRR	GP-8	GP-8-47D	47 ft	8/26/2009				1.48		J						
WRR	GP-9	GP-9-18	18 ft	8/25/2009				2.78	J							
WRR	GP-9	GP-9-37	37 ft	8/25/2009				0.004	J							
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013				< 0.11	U							
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013				< 0.049	U							
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013				< 0.052	U							
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013				0.0028								
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013				0.00099								
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013				0.0019								
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013				0.0012								
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013				1.07								
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013				1.82								
WRR	MW-06	B-6-04	4 ft	5/15/2008				< 0.00391	U							
WRR	MW-06	B-6-23	23 ft	5/19/2008				< 0.005	U							
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011				0.0021								
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011				0.0114								
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011				< 0.065	U							
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011				2.8								
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011				1.78								
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011				< 0.34	U							
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011				1.13	J							
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011				1.93								
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011				< 0.14	U							
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011				66.4								
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011				0.0598	J							
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011				< 0.62	U							
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011				< 0.03	U							
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011				< 0.083	U							
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011				0.0026								
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011				< 0.12	U							
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011				0.0052								
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011				0.0701								
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011				< 0.00083	U							
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011				0.00035	J							
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011				0.0074								
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011				< 0.091	U							
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011				< 0.08	U							
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011				< 0.1	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	Azetidine, 1-methyl- (mg/kg)			Benzene (mg/kg)			Benzene, (1,1-dimethylpropyl)- (mg/Kg)			Benzene, (1-methyl-1-propenyl)-, (Z)- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011				< 0.68	U							
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011				< 1.5	U							
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011				0.0405	J							
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011				0.0041								
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011				1.91								
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011				< 0.061	U							
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011				< 0.00058	U							
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011				< 0.06	U							
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013				< 0.08	U							
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013				0.0097		J						
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013				0.0016		J						
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013				0.0012								
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013				0.001		J						
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011				< 0.00061	U							
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011				0.0022								
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011				0.0026								
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011				0.0014								
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011				< 0.00056	U							
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011				0.0183		J						
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011				< 0.14	U							
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011				< 0.15	U							
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011				0.863								
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011				< 0.12	U							
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011				1.98								
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011				< 0.00065	U							
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011				< 0.00053	U							
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011				< 0.00058	U							
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011				0.0031								
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011				0.0065		J						
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011				0.0021								
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015				0.0015								
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015				0.0013								
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015				0.0015								
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011				0.57								
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011				0.0737								
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.06	U							
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011				< 0.62	U							
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011				0.183								
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 0.31	U							
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011				< 0.14	U							
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 0.29	U							
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011				0.0205								
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011				37.3								
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011				6.86								
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011				< 0.06	U							
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011				< 0.84	U							
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011				< 0.061	U							
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011				< 0.48	U							
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011				0.00059								
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011				< 0.16	U							
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011				< 0.63	U							
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011				< 0.054	U							
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011				< 0.062	U							
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011				< 0.3	U							
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011				3.2								
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011				0.246	J							
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011				0.0708	J							
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011				0.0095								
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011				0.0129								
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011				0.0084		J						
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011				0.0085								

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Azetidine, 1-methyl- (mg/kg)**			**Benzene (mg/kg)**			**Benzene, (1,1-dimethylpropyl)- (mg/Kg)**			**Benzene, (1-methyl-1-propenyl)-, (Z)- (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011				0.0174		J						
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011				0.0028								
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011				0.0664		J						
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013				0.0025								
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013				0.0042								
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013				< 0.00054	U							
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013				0.0014								
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013				0.00066								
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013				< 0.00055	U							
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013				0.00075								
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013				0.0014								
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013				< 0.00049	U							
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013				0.00076								
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013				0.0018								
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013				0.0019								
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013				0.00073								
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013				0.00081								
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013				0.00092								
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013				0.0014								
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013				< 0.00048	U							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, (3-methyl-2-butenyl)- (mg/Kg)			Benzene, 1,2,3,4-tetramethyl- (mg/Kg)			Benzene, 1,2,3,5-tetramethyl- (mg/kg)			Benzene, 1,2,4,5-tetramethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, (3-methyl-2-butenyl)- (mg/Kg)			Benzene, 1,2,3,4-tetramethyl- (mg/Kg)			Benzene, 1,2,3,5-tetramethyl- (mg/kg)			Benzene, 1,2,4,5-tetramethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014							1.6	JN				
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014										7.3	JN	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	1.9	T J N		1.6	T J N					8.1	T J N	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, (3-methyl-2-butenyl)- (mg/Kg)			Benzene, 1,2,3,4-tetramethyl- (mg/Kg)			Benzene, 1,2,3,5-tetramethyl- (mg/kg)			Benzene, 1,2,4,5-tetramethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	Benzene, (3-methyl-2-butenyl)- (mg/Kg)			Benzene, 1,2,3,4-tetramethyl- (mg/Kg)			Benzene, 1,2,3,5-tetramethyl- (mg/kg)			Benzene, 1,2,4,5-tetramethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	Benzene, (3-methyl-2-butenyl)- (mg/Kg)			Benzene, 1,2,3,4-tetramethyl- (mg/Kg)			Benzene, 1,2,3,5-tetramethyl- (mg/kg)			Benzene, 1,2,4,5-tetramethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, (3-methyl-2-butenyl)- (mg/Kg)			Benzene, 1,2,3,4-tetramethyl- (mg/Kg)			Benzene, 1,2,3,5-tetramethyl- (mg/kg)			Benzene, 1,2,4,5-tetramethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013												
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Benzene, (3-methyl-2-butenyl)- (mg/Kg)**			**Benzene, 1,2,3,4-tetramethyl- (mg/Kg)**			**Benzene, 1,2,3,5-tetramethyl- (mg/kg)**			**Benzene, 1,2,4,5-tetramethyl- (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1,3-diethyl-5-methyl- (mg/Kg)			Benzene, 1-butenyl-, (E)- (mg/kg)			Benzene, 1-ethenyl-3-ethyl- (mg/Kg)			Benzene, 1-ethyl-2,3-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1,3-diethyl-5-methyl- (mg/Kg)			Benzene, 1-butenyl-, (E)- (mg/kg)			Benzene, 1-ethenyl-3-ethyl- (mg/Kg)			Benzene, 1-ethyl-2,3-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014				2.4	JN							
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	0.91	T J N					0.94	T J N				
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1,3-diethyl-5-methyl- (mg/Kg)			Benzene, 1-butenyl-, (E)- (mg/kg)			Benzene, 1-ethenyl-3-ethyl- (mg/Kg)			Benzene, 1-ethyl-2,3-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1,3-diethyl-5-methyl- (mg/Kg)			Benzene, 1-butenyl-, (E)- (mg/kg)			Benzene, 1-ethenyl-3-ethyl- (mg/Kg)			Benzene, 1-ethyl-2,3-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1,3-diethyl-5-methyl- (mg/Kg)			Benzene, 1-butenyl-, (E)- (mg/kg)			Benzene, 1-ethenyl-3-ethyl- (mg/Kg)			Benzene, 1-ethyl-2,3-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1,3-diethyl-5-methyl- (mg/Kg)			Benzene, 1-butenyl-, (E)- (mg/kg)			Benzene, 1-ethenyl-3-ethyl- (mg/Kg)			Benzene, 1-ethyl-2,3-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013												
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Benzene, 1,3-diethyl-5-methyl- (mg/Kg)**			**Benzene, 1-butenyl-, (E)- (mg/kg)**			**Benzene, 1-ethenyl-3-ethyl- (mg/Kg)**			**Benzene, 1-ethyl-2,3-dimethyl- (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-ethyl-2-methyl- (mg/kg)			Benzene, 1-ethyl-3,5-dimethyl- (mg/kg)			Benzene, 1-ethyl-3-methyl- (mg/kg)			Benzene, 1-ethyl-4-(1-methylethyl)- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-ethyl-2-methyl- (mg/kg)			Benzene, 1-ethyl-3,5-dimethyl- (mg/kg)			Benzene, 1-ethyl-3-methyl- (mg/kg)			Benzene, 1-ethyl-4-(1-methylethyl)- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	3.8	JN		2.9	JN							
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	9.3	JN					19	JN				
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	54	JN					130	JN				
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015							0.38			4.7	T J N	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-ethyl-2-methyl- (mg/kg)			Benzene, 1-ethyl-3,5-dimethyl- (mg/kg)			Benzene, 1-ethyl-3-methyl- (mg/kg)			Benzene, 1-ethyl-4-(1-methylethyl)- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-ethyl-2-methyl- (mg/kg)			Benzene, 1-ethyl-3,5-dimethyl- (mg/kg)			Benzene, 1-ethyl-3-methyl- (mg/kg)			Benzene, 1-ethyl-4-(1-methylethyl)- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-ethyl-2-methyl- (mg/kg)			Benzene, 1-ethyl-3,5-dimethyl- (mg/kg)			Benzene, 1-ethyl-3-methyl- (mg/kg)			Benzene, 1-ethyl-4-(1-methylethyl)- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-ethyl-2-methyl- (mg/kg)			Benzene, 1-ethyl-3,5-dimethyl- (mg/kg)			Benzene, 1-ethyl-3-methyl- (mg/kg)			Benzene, 1-ethyl-4-(1-methylethyl)- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	0.071	JN										
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013							0.0064	JN				
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Benzene, 1-ethyl-2-methyl- (mg/kg)**			**Benzene, 1-ethyl-3,5-dimethyl- (mg/kg)**			**Benzene, 1-ethyl-3-methyl- (mg/kg)**			**Benzene, 1-ethyl-4-(1-methylethyl)- (mg/Kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-ethyl-4-methyl- (mg/kg)			Benzene, 1-methyl-2-(1-methylethyl)- (mg/Kg)			Benzene, 1-methyl-3-(1-methylethyl)- (mg/kg)			Benzene, 1-methyl-3-propyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-ethyl-4-methyl- (mg/kg)			Benzene, 1-methyl-2-(1-methylethyl)- (mg/Kg)			Benzene, 1-methyl-3-(1-methylethyl)- (mg/kg)			Benzene, 1-methyl-3-propyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	2.3	JN					1.8	JN				
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014				2.2	JN							
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	8.7	JN										
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015				1	T J N					0.71	T J N	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-ethyl-4-methyl- (mg/kg)			Benzene, 1-methyl-2-(1-methylethyl)- (mg/Kg)			Benzene, 1-methyl-3-(1-methylethyl)- (mg/kg)			Benzene, 1-methyl-3-propyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-ethyl-4-methyl- (mg/kg)			Benzene, 1-methyl-2-(1-methylethyl)- (mg/Kg)			Benzene, 1-methyl-3-(1-methylethyl)- (mg/kg)			Benzene, 1-methyl-3-propyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-ethyl-4-methyl- (mg/kg)			Benzene, 1-methyl-2-(1-methylethyl)- (mg/Kg)			Benzene, 1-methyl-3-(1-methylethyl)- (mg/kg)			Benzene, 1-methyl-3-propyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-ethyl-4-methyl- (mg/kg)			Benzene, 1-methyl-2-(1-methylethyl)- (mg/Kg)			Benzene, 1-methyl-3-(1-methylethyl)- (mg/kg)			Benzene, 1-methyl-3-propyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013												
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Benzene, 1-ethyl-4-methyl- (mg/kg)**			**Benzene, 1-methyl-2-(1-methylethyl)- (mg/Kg)**			**Benzene, 1-methyl-3-(1-methylethyl)- (mg/kg)**			**Benzene, 1-methyl-3-propyl- (mg/Kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-methyl-4-(1-methylpropyl)- (mg/Kg)			Benzene, 2-ethyl-1,4-dimethyl- (mg/kg)			Benzene, 4-ethyl-1,2-dimethyl- (mg/kg)			Benzeneethanamine, N-_(pentafluorophenyl (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-methyl-4-(1-methylpropyl)- (mg/Kg)			Benzene, 2-ethyl-1,4-dimethyl- (mg/kg)			Benzene, 4-ethyl-1,2-dimethyl- (mg/kg)			Benzeneethanamine, N-_(pentafluorophenyl (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014							2.9	JN				
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014							2.3	JN				
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014							7.3	JN				
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				38	JN							
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	2.7	T J N					0.74	T J N				
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-methyl-4-(1-methylpropyl)- (mg/Kg)			Benzene, 2-ethyl-1,4-dimethyl- (mg/kg)			Benzene, 4-ethyl-1,2-dimethyl- (mg/kg)			Benzeneethanamine, N-_(pentafluorophenyl (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-methyl-4-(1-methylpropyl)- (mg/Kg)			Benzene, 2-ethyl-1,4-dimethyl- (mg/kg)			Benzene, 4-ethyl-1,2-dimethyl- (mg/kg)			Benzeneethanamine, N-_(pentafluorophenyl (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-methyl-4-(1-methylpropyl)- (mg/Kg)			Benzene, 2-ethyl-1,4-dimethyl- (mg/kg)			Benzene, 4-ethyl-1,2-dimethyl- (mg/kg)			Benzeneethanamine, N-_(pentafluorophenyl (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-methyl-4-(1-methylpropyl)- (mg/Kg)			Benzene, 2-ethyl-1,4-dimethyl- (mg/kg)			Benzene, 4-ethyl-1,2-dimethyl- (mg/kg)			Benzeneethanamine, N-_(pentafluorophenyl (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013												
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzene, 1-methyl-4-(1-methylpropyl)- (mg/Kg)			Benzene, 2-ethyl-1,4-dimethyl- (mg/kg)			Benzene, 4-ethyl-1,2-dimethyl- (mg/kg)			Benzeneethanamine, N-_(pentafluorophenyl (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013										0.042	JN	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzocycloheptatriene (mg/Kg)			Bromobenzene (mg/kg)			Bromochloromethane (mg/kg)			Bromodichloromethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008				< 0.00394	U		< 0.00394	U		< 0.00394	U	
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008				< 0.006	U		< 0.006	U		< 0.006	U	
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008				< 0.00517	U		< 0.00517	U		< 0.00517	U	
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008				< 0.006	U		< 0.006	U		< 0.006	U	
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008				< 0.005	U		< 0.005	U		< 0.005	U	
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008				< 0.00567	U		< 0.00567	U		< 0.00567	U	
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008				< 0.00479	U		< 0.00479	U		< 0.00479	U	
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008				< 0.00591	U		< 0.00591	U		< 0.00591	U	
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008				< 0.00498	U		< 0.00498	U		< 0.00498	U	
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008				< 0.00533	U		< 0.00533	U		< 0.00533	U	
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012				< 0.56	U		< 0.56	U		< 0.23	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012				< 0.56	U		< 0.56	U		< 0.22	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012				< 0.27	U		< 0.27	U		< 0.11	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012				< 0.0052	U		< 0.0052	U		< 0.0021	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012				< 0.0051	U		< 0.0051	U		< 0.0021	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012				< 3.3	U		< 3.3	U		< 1.3	U	
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012				< 0.0056	U		< 0.0056	U		< 0.0022	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012				< 7.5	U		< 7.5	U		< 3	U	
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012				< 0.58	U		< 0.58	U		< 0.23	U	
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012				< 13	U		< 13	U		< 5.2	U	
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012				< 0.74	U		< 0.74	U		< 0.29	U	
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012				< 0.67	U		< 0.67	U		< 0.27	U	
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012				< 0.57	U		< 0.57	U		< 0.23	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012				< 0.62	U		< 0.62	U		< 0.25	U	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012				< 0.57	U		< 0.57	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012				< 0.57	U		< 0.57	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012				< 0.57	U		< 0.57	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012				< 2	U		< 2	U		< 0.81	U	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012				< 0.0081	U		< 0.0081	U		< 0.0032	U	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012				< 0.0064	U		< 0.0064	U		< 0.0026	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012				< 0.0076	U		< 0.0076	U		< 0.003	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012				< 12	U		< 12	U		< 4.6	U	
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012				< 13	U		< 13	U		< 5.1	U	
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012				< 0.77	U		< 0.77	U		< 0.31	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015				< 0.0079	U		< 0.0079	U		< 0.0032	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015				< 0.0072	U		< 0.0072	U		< 0.0029	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015				< 0.0045	U		< 0.0045	U		< 0.0018	U	
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013				< 0.0059	U		< 0.0059	U		< 0.0024	U	
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013				< 0.006	U		< 0.006	U		< 0.0024	U	
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013				< 0.0057	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013				< 0.0057	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014				< 0.0057	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014				< 0.72	U		< 0.72	U		< 0.29	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014				< 0.64	U		< 0.64	U		< 0.25	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014				< 0.0055	U		< 0.0055	U		< 0.0022	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014				< 0.0088	U		< 0.0088	U		< 0.0035	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014				< 0.0059	U		< 0.0059	U		< 0.0024	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014				< 0.0054	U		< 0.0054	U		< 0.0021	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014				< 0.0066	U		< 0.0066	U		< 0.0026	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014				< 0.0058	U	UJ	< 0.0058	U	UJ	< 0.0023	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011				< 0.0063	U		< 0.0063	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011				< 0.0063	U		< 0.0063	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011				< 0.0079	U		< 0.0079	U		< 0.0032	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011				< 0.0068	U		< 0.0068	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011				< 0.0061	U		< 0.0061	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011				< 0.0057	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011				0.0019	J		< 0.0064	U		< 0.0026	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011				< 0.0061	U		< 0.0061	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011				< 0.0063	U		< 0.0063	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011				< 0.0056	U		< 0.0056	U		< 0.0023	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011				< 0.007	U		< 0.007	U		< 0.0028	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	Benzocycloheptatriene (mg/Kg)			Bromobenzene (mg/kg)			Bromochloromethane (mg/kg)			Bromodichloromethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011				< 0.0068	U		< 0.0068	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011				< 0.0064	U		< 0.0064	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011				< 0.0077	U		< 0.0077	U		< 0.0031	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011				< 0.59	U		< 0.59	U		< 0.24	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011				< 1.1	U		< 1.1	U		< 0.45	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011				< 0.64	U		< 0.64	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011				< 0.58	U		< 0.58	U		< 0.23	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011				< 0.0067	U		< 0.0067	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011				< 15	U		< 15	U		< 6.1	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011				< 0.0059	U		< 0.0059	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011				< 0.0059	U		< 0.0059	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011				< 0.0053	U		< 0.0053	U		< 0.0021	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011				< 0.0054	U		< 0.0054	U		< 0.0022	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011				< 0.006	U		< 0.006	U		< 0.0024	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011				< 0.0055	U		< 0.0055	U		< 0.0022	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011				< 0.0058	U		< 0.0058	U		< 0.0023	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011				< 0.62	U		< 0.62	U		< 0.25	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011				< 0.0066	U		< 0.0066	U		< 0.0026	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014				< 0.87	U		< 0.87	U		< 0.35	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014				< 0.71	U		< 0.71	U		< 0.28	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014				< 0.0061	U		< 0.0061	U		< 0.0024	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014				< 0.64	U		< 0.64	U		< 0.26	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014				< 0.0059	U	UJ	< 0.0059	U	UJ	< 0.0024	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014				< 0.0059	U		< 0.0059	U		< 0.0024	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				< 13	U		< 13	U		< 5.3	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015				< 0.0052	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015				< 0.0059	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015				< 0.0042	U		< 0.0042	U		< 0.0042	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015				< 0.0045	U		< 0.0045	U		< 0.0045	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015				< 0.0046	U		< 0.0046	U		< 0.0046	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015				< 0.22	U		< 0.22	U		< 0.22	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015				< 0.0048	U		< 0.0048	U		< 0.0048	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	14	T J N		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011				< 0.0049	U		< 0.0049	U		< 0.002	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011				< 0.006	U		< 0.006	U		< 0.0024	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011				< 0.0057	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011				< 0.0061	U		< 0.0061	U		< 0.0025	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011				< 0.007	U		< 0.007	U		< 0.0028	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015				< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015				< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011				< 0.006	U		< 0.006	U		< 0.0024	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011				< 0.007	U		< 0.007	U		< 0.0028	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015				< 0.0053	U		< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015				< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015				< 0.0056	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011				< 0.0055	U		< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011				< 0.0094	U		< 0.0094	U		< 0.0038	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011				< 0.014	U		< 0.014	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011				< 0.0059	U		< 0.0059	U		< 0.0024	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011				< 0.0066	U		< 0.0066	U		< 0.0026	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011				< 0.006	U		< 0.006	U		< 0.0024	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011				< 0.0055	U		< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011				< 0.0057	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011				< 0.0056	U		< 0.0056	U		< 0.0022	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015				< 0.0066	U		< 0.0066	U		< 0.0026	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015				< 0.0059	U		< 0.0059	U		< 0.0024	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015				< 0.0056	U		< 0.0056	U		< 0.0022	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011				< 0.0069	U		< 0.0069	U		< 0.0028	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011				< 0.007	U		< 0.007	U		< 0.0028	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011				< 2.9	U		< 2.9	U		< 1.2	U	
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011				< 0.0064	U		< 0.0064	U		< 0.0025	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	Benzocycloheptatriene (mg/Kg)			Bromobenzene (mg/kg)			Bromochloromethane (mg/kg)			Bromodichloromethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011				< 0.0076	U		< 0.0076	U		< 0.003	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011				< 0.86	U		< 0.86	U		< 0.35	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011				< 0.0077	U		< 0.0077	U		< 0.0031	U	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012				< 0.0059	U		< 0.0059	U		< 0.0023	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012				< 0.0057	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012				< 0.0056	U		< 0.0056	U		< 0.0022	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013				< 0.0075	U		< 0.0075	U		< 0.003	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013				< 0.0064	U		< 0.0064	U		< 0.0026	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013				< 0.0061	U		< 0.0061	U		< 0.0024	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012				< 0.0057	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012				< 0.0058	U		< 0.0058	U		< 0.0023	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012				< 0.0071	U		< 0.0071	U		< 0.0029	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012				< 0.0067	U	UJ	< 0.0067	U	UJ	< 0.0027	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012				< 0.0095	U		< 0.0095	U		< 0.0038	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012				< 0.0053	U		< 0.0053	U		< 0.0021	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012				< 0.0091	U		< 0.0091	U		< 0.0036	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012				< 3	U		< 3	U		< 1.2	U	
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012				< 2.7	U		< 2.7	U		< 1.1	U	
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012				< 0.0048	U		< 0.0048	U		< 0.0019	U	
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012				< 0.0056	U		< 0.0056	U		< 0.0023	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012				< 0.0052	U		< 0.0052	U		< 0.0021	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012				< 0.0054	U		< 0.0054	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012				< 0.0054	U		< 0.0054	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012				< 0.0055	U		< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012				< 0.0053	U		< 0.0053	U		< 0.0021	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012				< 0.0052	U		< 0.0052	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012				< 0.0054	U		< 0.0054	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012				< 0.0052	U		< 0.0052	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012				< 0.0051	U		< 0.0051	U		< 0.002	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012				< 0.0057	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012				< 0.0055	U		< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012				< 0.0053	U		< 0.0053	U		< 0.0021	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012				< 0.0053	U		< 0.0053	U		< 0.0021	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013				< 0.0071	U		< 0.0071	U		< 0.0028	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013				< 37	U		< 37	U		< 15	U	
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013				< 0.0078	U		< 0.0078	U		< 0.0031	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013				< 31	U		< 31	U		< 12	U	
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015				< 0.0052	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013				< 0.0062	U		< 0.0062	U		< 0.0025	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013				< 0.0057	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013				< 0.0055	U		< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013				< 0.0056	U		< 0.0056	U		< 0.0023	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013				< 0.0058	U		< 0.0058	U		< 0.0023	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013				< 0.006	U		< 0.006	U		< 0.0024	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013				< 0.0073	U		< 0.0073	U		< 0.0029	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013				< 0.0064	U		< 0.0064	U		< 0.0026	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013				< 0.0054	U		< 0.0054	U		< 0.0022	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013				< 0.0055	U		< 0.0055	U		< 0.0022	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012				< 0.0058	U		< 0.0058	U		< 0.0023	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012				< 0.61	U		< 0.61	U		< 0.24	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012				< 0.61	U		< 0.61	U		< 0.24	U	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012				< 0.0049	U		< 0.0049	U		< 0.002	U	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012				< 1.2	U		< 1.2	U		< 0.5	U	
Public Works	GP-15	GP-15-29	29 ft	12/18/2012				< 0.0055	U		< 0.0055	U		< 0.0022	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012				< 12	U		< 12	U		< 4.9	U	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012				< 0.55	U		< 0.55	U		< 0.22	U	
Public Works	GP-15	GP-15-47	47 ft	12/18/2012				< 3	U		< 3	U		< 1.2	U	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012				< 5	U		< 5	U		< 2	U	
Public Works	GP-15	GP-15-74	74 ft	12/21/2012				< 0.57	U		< 0.57	U		< 0.23	U	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012				< 0.52	U		< 0.52	U		< 0.21	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013				< 0.0065	U		< 0.0065	U		< 0.0026	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzocycloheptatriene (mg/Kg)			Bromobenzene (mg/kg)			Bromochloromethane (mg/kg)			Bromodichloromethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013				< 0.57	U		< 0.57	U		< 0.23	U	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013				< 0.52	U		< 0.52	U		< 0.21	U	
Public Works	GP-16	GP-16-57	57 ft	1/3/2013				< 0.52	U		< 0.52	U		< 0.21	U	
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013				< 0.59	U		< 0.59	U		< 0.24	U	
Public Works	GP-16	GP-16-77	77 ft	1/3/2013				< 0.49	U		< 0.49	U		< 0.19	U	
Public Works	GP-16	GP-16-91	91 ft	1/7/2013				< 0.0048	U		< 0.0048	U		< 0.0019	U	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013				< 2.7	U	UJ	< 2.7	U	UJ	< 1.1	U	UJ
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013				< 7	U	UJ	< 7	U	UJ	< 2.8	U	UJ
Public Works	GP-17	GP-17-45	45 ft	1/7/2013				< 4.1	U	UJ	< 4.1	U	UJ	< 1.6	U	UJ
Public Works	GP-17	GP-17-57	57 ft	1/7/2013				< 5.9	U	UJ	< 5.9	U	UJ	< 2.4	U	UJ
Public Works	GP-17	GP-17-65	65 ft	1/7/2013				< 0.39	U	UJ	< 0.39	U	UJ	< 0.16	U	UJ
Public Works	GP-18	GP-18-21	21 ft	1/8/2013				< 1.8	U	UJ	< 1.8	U	UJ	< 0.72	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013				< 5.1	U	UJ	< 5.1	U	UJ	< 2	U	UJ
Public Works	GP-18	GP-18-53	53 ft	1/8/2013				< 6.7	U	UJ	< 6.7	U	UJ	< 2.7	U	UJ
Public Works	GP-18	GP-18-63	63 ft	1/8/2013				< 2.6	U	UJ	< 2.6	U	UJ	< 1.1	U	UJ
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009				< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009				< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009				< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008				< 0.00498	U		< 0.00498	U		< 0.00498	U	
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008				< 0.00549	U		< 0.00549	U		< 0.00549	U	
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008				< 0.0055	U		< 0.0055	U		< 0.0055	U	
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011				< 0.01	U		< 0.01	U		< 0.004	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011				< 0.0063	U		< 0.0063	U		< 0.0025	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011				< 0.7	U		< 0.7	U		< 0.28	U	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011				< 0.28	U		< 0.28	U		< 0.11	U	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011				< 13	U		< 13	U		< 5.2	U	
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011				< 3.6	U		< 3.6	U		< 1.5	U	
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011				< 1.5	U		< 1.5	U		< 0.6	U	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011				< 2.8	U		< 2.8	U		< 1.1	U	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011				< 0.46	U		< 0.46	U		< 0.18	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011				< 0.63	U		< 0.63	U		< 0.25	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011				< 2	U		< 2	U		< 0.81	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011				< 1.3	U		< 1.3	U		< 0.51	U	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011				< 0.73	U		< 0.73	U		< 0.29	U	
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011				< 6.1	U		< 6.1	U		< 2.4	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011				< 2.6	U		< 2.6	U		< 1	U	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011				< 1.9	U		< 1.9	U		< 0.76	U	
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011				< 0.0052	U		< 0.0052	U		< 0.0021	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011				< 2	U		< 2	U		< 0.78	U	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011				< 0.64	U		< 0.64	U		< 0.26	U	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009				< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009				< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009				< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010				< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010				< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009				< 0.009	U		< 0.009	U		< 0.009	U	
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009				< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009				< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010				< 0.006	U		< 0.006	U		< 0.006	U	
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010				< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010				< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010				< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008				< 0.00501	U		< 0.00501	U		< 0.00501	U	
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008				< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008				< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011				< 0.0061	U		< 0.0061	U		< 0.0024	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011				< 33	U		< 33	U		< 13	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011				< 23	U		< 23	U		< 9.2	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011				< 0.0055	U		< 0.0055	U		< 0.0022	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011				< 0.0062	U		< 0.0062	U		< 0.0025	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011				< 0.0053	U		< 0.0053	U		< 0.0021	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Benzocycloheptatriene (mg/Kg)			Bromobenzene (mg/kg)			Bromochloromethane (mg/kg)			Bromodichloromethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011				< 3.1	U		< 3.1	U		< 1.2	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011				< 2.5	U		< 2.5	U		< 1	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011				< 0.0054	U		< 0.0054	U		< 0.0022	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014				< 0.0055	U		< 0.0055	U		< 0.0022	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014				< 0.0053	U		< 0.0053	U		< 0.0021	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014				< 0.0054	U		< 0.0054	U		< 0.0022	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011				< 0.0052	U		< 0.0052	U		< 0.0021	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011				< 0.0056	U		< 0.0056	U		< 0.0022	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011				< 0.0054	U		< 0.0054	U		< 0.0022	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012				< 0.0052	U		< 0.0052	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012				< 0.0051	U		< 0.0051	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012				< 0.0053	U		< 0.0053	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012				< 0.0051	U		< 0.0051	U		< 0.0021	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011				< 0.0065	U		< 0.0065	U		< 0.0026	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011				< 0.0065	U		< 0.0065	U		< 0.0026	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011				< 2.2	U		< 2.2	U		< 0.89	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009				< 0.005	U		< 0.005	U		< 0.005	U	
WRR	GP-7	GP-7-37	3 ft	8/26/2009				< 0.341	U	UJ	< 0.341	U	UJ	< 0.341	U	UJ
WRR	GP-7	GP-7-37D	3 ft	8/26/2009				< 0.318	U	UJ	< 0.318	U	UJ	< 0.318	U	UJ
WRR	GP-7	GP-7-41	3 ft	8/26/2009				< 0.657	U	UJ	< 0.657	U	UJ	< 0.657	U	UJ
WRR	GP-8	GP-8-13	13 ft	8/26/2009				< 0.005	U		< 0.005	U		< 0.005	U	
WRR	GP-8	GP-8-35	35 ft	8/26/2009				< 0.005	U		< 0.005	U		< 0.005	U	
WRR	GP-8	GP-8-47	47 ft	8/26/2009				< 0.006	U		< 0.006	U		< 0.006	U	
WRR	GP-8	GP-8-47D	47 ft	8/26/2009				< 0.235	U		< 0.235	U		< 0.235	U	
WRR	GP-9	GP-9-18	18 ft	8/25/2009				< 5.07	U		< 5.07	U		< 5.07	U	
WRR	GP-9	GP-9-37	37 ft	8/25/2009				< 0.006	U		< 0.006	U		< 0.006	U	
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013				< 1.1	U		< 1.1	U		< 0.45	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013				< 0.49	U		< 0.49	U		< 0.2	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013				< 0.52	U		< 0.52	U		< 0.21	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013				< 0.011	U		< 0.011	U		< 0.0043	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013				< 0.0052	U		< 0.0052	U		< 0.0021	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013				< 0.0061	U		< 0.0061	U		< 0.0024	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013				< 0.0057	U		< 0.0057	U		< 0.0023	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013				< 1	U		< 1	U		< 0.4	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013				< 4.9	U		< 4.9	U		< 2	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008				< 0.00391	U		< 0.00391	U		< 0.00391	U	
WRR	MW-06	B-6-23	23 ft	5/19/2008				< 0.005	U		< 0.005	U		< 0.005	U	
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011				< 0.0064	U		< 0.0064	U		< 0.0026	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011				< 0.0071	U		< 0.0071	U		< 0.0029	U	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011				< 0.65	U		< 0.65	U		< 0.26	U	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011				< 3.1	U		< 3.1	U		< 1.2	U	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011				< 3	U		< 3	U		< 1.2	U	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011				< 3.4	U		< 3.4	U		< 1.4	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011				< 12	U		< 12	U		< 5	U	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011				< 7.9	U		< 7.9	U		< 3.1	U	
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011				< 1.4	U		< 1.4	U		< 0.57	U	
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011				< 15	U		< 15	U		< 6	U	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011				< 0.72	U		< 0.72	U		< 0.29	U	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011				< 6.2	U		< 6.2	U		< 2.5	U	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011				< 0.3	U		< 0.3	U		< 0.12	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011				< 0.83	U		< 0.83	U		< 0.33	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011				< 0.0058	U		< 0.0058	U		< 0.0023	U	
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011				< 1.2	U		< 1.2	U		< 0.46	U	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011				< 0.0057	U		< 0.0057	U		< 0.0023	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011				< 0.0055	U		< 0.0055	U		< 0.0022	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011				< 0.0083	U		< 0.0083	U		< 0.0033	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011				< 0.0054	U		< 0.0054	U		< 0.0022	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011				< 0.0056	U		< 0.0056	U		< 0.0022	U	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011				< 0.91	U		< 0.91	U		< 0.37	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011				< 0.8	U		< 0.8	U		< 0.32	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011				< 1	U		< 1	U		< 0.41	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	Benzocycloheptatriene (mg/Kg)			Bromobenzene (mg/kg)			Bromochloromethane (mg/kg)			Bromodichloromethane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011				< 6.8	U		< 6.8	U		< 2.7	U	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011				< 15	U		< 15	U		< 6	U	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011				< 0.94	U		< 0.94	U		< 0.38	U	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011				< 0.0055	U		< 0.0055	U		< 0.0022	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011				< 0.6	U		< 0.6	U		< 0.24	U	
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011				< 0.61	U		< 0.61	U		< 0.25	U	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011				< 0.0058	U		< 0.0058	U		< 0.0023	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011				< 0.6	U		< 0.6	U		< 0.24	U	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013				< 0.8	U		< 0.8	U		< 0.32	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013				< 0.006	U		< 0.006	U		< 0.0024	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013				< 0.0058	U		< 0.0058	U		< 0.0023	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013				< 0.0052	U		< 0.0052	U		< 0.0021	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013				< 0.0062	U		< 0.0062	U		< 0.0025	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011				< 0.0061	U		< 0.0061	U		< 0.0024	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011				< 0.0057	U		< 0.0057	U		< 0.0023	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011				< 0.0052	U		< 0.0052	U		< 0.0021	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011				< 0.0061	U		< 0.0061	U		< 0.0025	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011				< 0.0056	U		< 0.0056	U		< 0.0022	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011				< 0.0055	U		< 0.0055	U		< 0.0022	U	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011				< 1.4	U		< 1.4	U		< 0.56	U	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011				< 1.5	U		< 1.5	U		< 0.6	U	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011				< 0.79	U		< 0.79	U		< 0.32	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011				< 1.2	U		< 1.2	U		< 0.47	U	
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011				< 5.6	U		< 5.6	U		< 2.2	U	
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011				< 0.0065	U		< 0.0065	U		< 0.0026	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011				< 0.0053	U		< 0.0053	U		< 0.0021	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011				< 0.0058	U		< 0.0058	U		< 0.0023	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 0.0061	U		< 0.0061	U		< 0.0024	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 0.0051	U		< 0.0051	U		< 0.002	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.0058	U		< 0.0058	U		< 0.0023	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015				< 0.0057	U		< 0.0057	U		< 0.0023	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015				< 0.007	U		< 0.007	U		< 0.0028	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015				< 0.0056	U		< 0.0056	U		< 0.0023	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 1.3	U		< 1.3	U		< 0.52	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 0.0059	U		< 0.0059	U		< 0.0024	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.6	U		< 0.6	U		< 0.24	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011				< 6.2	U		< 6.2	U		< 2.5	U	
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011				< 1.6	U		< 1.6	U		< 0.63	U	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 3.1	U		< 3.1	U		< 1.2	U	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011				< 1.4	U		< 1.4	U		< 0.56	U	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 2.9	U		< 2.9	U		< 1.2	U	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.0057	U		< 0.0057	U		< 0.0023	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 140	U		< 140	U		< 55	U	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 25	U		< 25	U		< 10	U	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011				< 0.6	U		< 0.6	U		< 0.24	U	
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011				< 8.4	U		< 8.4	U		< 3.4	U	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011				< 0.61	U		< 0.61	U		< 0.24	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011				< 4.8	U		< 4.8	U		< 1.9	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011				< 0.0054	U		< 0.0054	U		< 0.0022	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011				< 1.6	U		< 1.6	U		< 0.64	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011				< 6.3	U		< 6.3	U		< 2.5	U	
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011				< 0.54	U		< 0.54	U		< 0.22	U	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011				< 0.62	U		< 0.62	U		< 0.25	U	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011				< 3	U		< 3	U		< 1.2	U	
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011				< 2.2	U		< 2.2	U		< 0.89	U	
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 2.5	U		< 2.5	U		< 1	U	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011				< 1.2	U		< 1.2	U		< 0.48	U	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 0.0054	U		< 0.0054	U		< 0.0022	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011				< 0.0058	U		< 0.0058	U		< 0.0023	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011				< 0.0065	U		< 0.0065	U		< 0.0026	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011				< 0.0065	U		< 0.0065	U		< 0.0026	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Benzocycloheptatriene (mg/Kg)**			**Bromobenzene (mg/kg)**			**Bromochloromethane (mg/kg)**			**Bromodichloromethane (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 0.0069	U		< 0.0069	U		< 0.0028	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 0.0056	U		< 0.0056	U		< 0.0022	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011				< 0.0064	U		< 0.0064	U		< 0.0026	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013				< 0.0064	U		< 0.0064	U		< 0.0026	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013				< 0.0058	U		< 0.0058	U		< 0.0023	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013				< 0.0054	U		< 0.0054	U		< 0.0021	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013				< 0.0063	U		< 0.0063	U		< 0.0025	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.0064	U		< 0.0064	U		< 0.0025	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013				< 0.0055	U		< 0.0055	U		< 0.0022	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.0063	U		< 0.0063	U		< 0.0025	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013				< 0.0063	U		< 0.0063	U		< 0.0025	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013				< 0.0049	U		< 0.0049	U		< 0.002	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013				< 0.0057	U		< 0.0057	U		< 0.0023	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013				< 0.006	U		< 0.006	U		< 0.0024	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013				< 0.0053	U		< 0.0053	U		< 0.0021	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.0061	U		< 0.0061	U		< 0.0024	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.0058	U		< 0.0058	U		< 0.0023	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013				< 0.0053	U		< 0.0053	U		< 0.0021	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013				< 0.0054	U		< 0.0054	U		< 0.0022	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013				< 0.0048	U		< 0.0048	U		< 0.0019	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Bromoform (mg/kg)			Bromomethane (mg/kg)			Butane (mg/kg)			Butane, 2,2,3,3-tetramethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008	< 0.00394	U		< 0.00394	U							
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008	< 0.006	U		< 0.006	U							
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008	< 0.00517	U		< 0.00517	U							
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008	< 0.006	U		< 0.006	U							
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008	< 0.005	U		< 0.005	U							
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008	< 0.00567	U		< 0.00567	U							
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008	< 0.00479	U		< 0.00479	U							
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008	< 0.00591	U		< 0.00591	U							
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008	< 0.00498	U		< 0.00498	U							
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008	< 0.00533	U		< 0.00533	U							
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012	< 0.23	U		< 0.23	U							
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012	< 0.22	U		< 0.22	U							
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012	< 0.11	U		< 0.11	U							
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012	< 0.0021	U		< 0.0021	U							
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012	< 0.0021	U		< 0.0021	U							
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012	< 1.3	U		< 1.3	U							
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012	< 0.0022	U		< 0.0022	U							
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012	< 3	U		< 3	U							
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012	< 0.23	U		< 0.23	U							
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012	< 5.2	U		< 5.2	U							
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012	< 0.29	U		< 0.29	U							
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012	< 0.27	U		< 0.27	U							
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012	< 0.23	U		< 0.23	U							
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012	< 0.25	U		< 0.25	U							
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012	< 0.23	U		< 0.23	U							
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012	< 0.23	U		< 0.23	U							
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012	< 0.23	U		< 0.23	U							
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012	< 0.81	U		< 0.81	U							
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012	< 0.0032	U		< 0.0032	U							
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012	< 0.0026	U		< 0.0026	U							
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012	< 0.003	U		< 0.003	U							
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012	< 4.6	U		< 4.6	U							
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012	< 5.1	U		< 5.1	U							
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012	< 0.31	U		< 0.31	U							
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 0.0032	U		< 0.0032	U							
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 0.0029	U		< 0.0029	U							
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.0018	U		< 0.0018	U							
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013	< 0.0024	U		< 0.0024	U							
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013	< 0.0024	U		< 0.0024	U							
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013	< 0.0023	U		< 0.0023	U							
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013	< 0.0023	U		< 0.0023	U							
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.0023	U		< 0.0023	U	UJ						
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.29	U		< 0.29	U							
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.25	U		< 0.25	U							
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.0022	U		< 0.0022	U		0.052	JN				
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.0035	U		< 0.0035	U							
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.0024	U		< 0.0024	U							
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.0021	U		< 0.0021	U							
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.0026	U		< 0.0026	U		0.021	JN		0.089	JN	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.0023	U	UJ	< 0.0023	U	UJ	0.47	JN	J			
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.0025	U		< 0.0025	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.0025	U		< 0.0025	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.0032	U		< 0.0032	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.0027	U		< 0.0027	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.0024	U		< 0.0024	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.0023	U		< 0.0023	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.0026	U		< 0.0026	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.0024	U		< 0.0024	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.0025	U		< 0.0025	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.0023	U		< 0.0023	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.0028	U		< 0.0028	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	Bromoform (mg/kg)			Bromomethane (mg/kg)			Butane (mg/kg)			Butane, 2,2,3,3-tetramethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.0027	U		< 0.0027	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.0025	U		< 0.0025	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.0031	U		< 0.0031	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.24	U		< 0.24	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.45	U		< 0.45	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.26	U		< 0.26	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.23	U		< 0.23	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.0027	U		< 0.0027	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 6.1	U		< 6.1	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.0024	U		< 0.0024	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.0024	U		< 0.0024	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.0021	U		< 0.0021	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.0022	U		< 0.0022	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.0024	U		< 0.0024	U							
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.0022	U		< 0.0022	U							
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.0023	U		< 0.0023	U							
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011	< 0.25	U		< 0.25	U							
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.0026	U		< 0.0026	U							
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.35	U		< 0.35	U							
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.28	U		< 0.28	U							
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.0024	U		< 0.0024	U		0.027	JN				
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.26	U		< 0.26	U					32	JN	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.0024	U	UJ	< 0.0024	U	UJ						
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.0024	U		< 0.0024	U							
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 5.3	U		< 5.3	U							
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0052	U		< 0.0052	U							
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.0059	U		< 0.0059	U		0.0068	T J N				
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0042	U		< 0.0042	U							
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.0045	U		< 0.0045	U							
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0046	U		< 0.0046	U							
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.22	U		< 0.22	U							
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.0048	U		< 0.0048	U							
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.26	U		< 0.26	U							
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.002	U		< 0.002	U	UJ						
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.0024	U		< 0.0024	U							
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.0023	U		< 0.0023	U							
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.0025	U		< 0.0025	U	UJ						
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.0028	U		< 0.0028	U	UJ						
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0051	U		< 0.0051	U							
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0051	U		< 0.0051	U							
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.0024	U		< 0.0024	U	UJ						
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.0028	U		< 0.0028	U	UJ						
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.0053	U		< 0.0053	U							
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.0051	U		< 0.0051	U							
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.0056	U		< 0.0056	U							
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011	< 0.0022	U		< 0.0022	U							
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011	< 0.0038	U		< 0.0038	U							
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011	< 0.0056	U		< 0.0056	U							
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011	< 0.0024	U		< 0.0024	U							
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0026	U		< 0.0026	U							
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011	< 0.0024	U		< 0.0024	U							
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011	< 0.0022	U		< 0.0022	U							
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011	< 0.0023	U		< 0.0023	U							
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0022	U		< 0.0022	U							
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.0026	U		< 0.0026	U		0.029	JN				
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.0024	U		< 0.0024	U							
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.0022	U		< 0.0022	U		0.036	JN				
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0028	U		< 0.0028	U							
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011	< 0.0028	U		< 0.0028	U							
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011	< 1.2	U		< 1.2	U							
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011	< 0.0025	U		< 0.0025	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Bromoform (mg/kg)			Bromomethane (mg/kg)			Butane (mg/kg)			Butane, 2,2,3,3-tetramethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011	< 0.003	U		< 0.003	U							
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011	< 0.35	U		< 0.35	U							
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011	< 0.0031	U		< 0.0031	U							
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012	< 0.0023	U		< 0.0023	U							
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012	< 0.0023	U		< 0.0023	U							
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012	< 0.0022	U		< 0.0022	U							
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013	< 0.003	U		< 0.003	U							
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013	< 0.0026	U		< 0.0026	U							
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013	< 0.0024	U		< 0.0024	U							
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012	< 0.0023	U		< 0.0023	U							
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012	< 0.0023	U		< 0.0023	U							
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012	< 0.0029	U		< 0.0029	U							
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012	< 0.0027	U	UJ	< 0.0027	U	UJ						
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012	< 0.0038	U		< 0.0038	U							
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012	< 0.0021	U		< 0.0021	U							
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012	< 0.0036	U		< 0.0036	U							
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012	< 1.2	U		< 1.2	U							
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012	< 1.1	U		< 1.1	U							
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012	< 0.0019	U		< 0.0019	U							
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012	< 0.0023	U		< 0.0023	U							
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012	< 0.0021	U		< 0.0021	U							
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012	< 0.0022	U		< 0.0022	U							
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012	< 0.0022	U		< 0.0022	U							
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012	< 0.0022	U		< 0.0022	U							
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012	< 0.0021	U		< 0.0021	U							
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012	< 0.0021	U		< 0.0021	U							
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012	< 0.0021	U		< 0.0021	U							
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012	< 0.0021	U		< 0.0021	U							
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012	< 0.002	U		< 0.002	U							
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012	< 0.0023	U		< 0.0023	U							
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012	< 0.0022	U		< 0.0022	U							
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012	< 0.0021	U		< 0.0021	U							
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012	< 0.0021	U		< 0.0021	U							
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013	< 0.0028	U		< 0.0028	U							
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013	< 15	U		< 15	U							
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013	< 0.0031	U		< 0.0031	U							
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013	< 12	U		< 12	U							
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0052	U		< 0.0052	U							
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.0025	U		< 0.0025	U							
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.0023	U		< 0.0023	U							
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.0022	U		< 0.0022	U					0.081	JN	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.0023	U		< 0.0023	U							
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.0023	U		< 0.0023	U							
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.0024	U		< 0.0024	U							
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 0.0029	U		< 0.0029	U							
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.0026	U		< 0.0026	U							
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.0022	U		< 0.0022	U							
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.0022	U		< 0.0022	U							
Public Works	GP-14	GP-14-13	13 ft	12/18/2012	< 0.0023	U		< 0.0023	U							
Public Works	GP-14	GP-14-33	33 ft	12/18/2012	< 0.24	U		< 0.24	U							
Public Works	GP-14	GP-14-39	39 ft	12/18/2012	< 0.24	U		< 0.24	U							
Public Works	GP-14	GP-14-45	45 ft	12/18/2012	< 0.002	U		< 0.002	U							
Public Works	GP-15	GP-15-19	19 ft	12/18/2012	< 0.5	U		< 0.5	U							
Public Works	GP-15	GP-15-29	29 ft	12/18/2012	< 0.0022	U		< 0.0022	U							
Public Works	GP-15	GP-15-37	37 ft	12/18/2012	< 4.9	U		< 4.9	U							
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012	< 0.22	U		< 0.22	U							
Public Works	GP-15	GP-15-47	47 ft	12/18/2012	< 1.2	U		< 1.2	U							
Public Works	GP-15	GP-15-55	55 ft	12/18/2012	< 2	U		< 2	U							
Public Works	GP-15	GP-15-74	74 ft	12/21/2012	< 0.23	U		< 0.23	U							
Public Works	GP-15	GP-15-89	89 ft	12/21/2012	< 0.21	U		< 0.21	U							
Public Works	GP-16	GP-16-23	23 ft	1/3/2013	< 0.0026	U		< 0.0026	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Bromoform (mg/kg)			Bromomethane (mg/kg)			Butane (mg/kg)			Butane, 2,2,3,3-tetramethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013	< 0.23	U		< 0.23	U							
Public Works	GP-16	GP-16-51	51 ft	1/3/2013	< 0.21	U		< 0.21	U							
Public Works	GP-16	GP-16-57	57 ft	1/3/2013	< 0.21	U		< 0.21	U							
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013	< 0.24	U		< 0.24	U							
Public Works	GP-16	GP-16-77	77 ft	1/3/2013	< 0.19	U		< 0.19	U							
Public Works	GP-16	GP-16-91	91 ft	1/7/2013	< 0.0019	U		< 0.0019	U							
Public Works	GP-17	GP-17-15	15 ft	1/7/2013	< 1.1	U	UJ	< 1.1	U	UJ						
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013	< 2.8	U	UJ	< 2.8	U	UJ						
Public Works	GP-17	GP-17-45	45 ft	1/7/2013	< 1.6	U	UJ	< 1.6	U	UJ						
Public Works	GP-17	GP-17-57	57 ft	1/7/2013	< 2.4	U	UJ	< 2.4	U	UJ						
Public Works	GP-17	GP-17-65	65 ft	1/7/2013	< 0.16	U	UJ	< 0.16	U	UJ						
Public Works	GP-18	GP-18-21	21 ft	1/8/2013	< 0.72	U	UJ	< 0.72	U	UJ						
Public Works	GP-18	GP-18-37	37 ft	1/8/2013	< 2	U	UJ	< 2	U	UJ						
Public Works	GP-18	GP-18-53	53 ft	1/8/2013	< 2.7	U	UJ	< 2.7	U	UJ						
Public Works	GP-18	GP-18-63	63 ft	1/8/2013	< 1.1	U	UJ	< 1.1	U	UJ						
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009	< 0.004	U		< 0.004	U							
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009	< 0.004	U		< 0.004	U							
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009	< 0.004	U		< 0.004	U							
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008	< 0.00498	U		< 0.00498	U							
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008	< 0.00549	U		< 0.00549	U							
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008	< 0.0055	U		< 0.0055	U							
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011	< 0.004	U		< 0.004	U							
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011	< 0.0025	U		< 0.0025	U							
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011	< 0.28	U		< 0.28	U							
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011	< 0.11	U		< 0.11	U							
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011	< 5.2	U		< 5.2	U							
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011	< 1.5	U		< 1.5	U							
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011	< 0.6	U		< 0.6	U							
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011	< 1.1	U		< 1.1	U							
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011	< 0.18	U		< 0.18	U							
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011	< 0.25	U		< 0.25	U							
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011	< 0.81	U		< 0.81	U							
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011	< 0.51	U		< 0.51	U							
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011	< 0.29	U		< 0.29	U							
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011	< 2.4	U		< 2.4	U							
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011	< 1	U		< 1	U							
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011	< 0.76	U		< 0.76	U							
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011	< 0.0021	U		< 0.0021	U							
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011	< 0.78	U		< 0.78	U							
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011	< 0.26	U		< 0.26	U							
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009	< 0.005	U		< 0.005	U							
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009	< 0.005	U		< 0.005	U							
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009	< 0.004	U		< 0.004	U							
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010	< 0.005	U		< 0.005	U							
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010	< 0.005	U		< 0.005	U							
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009	< 0.009	U		< 0.009	U							
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009	< 0.005	U		< 0.005	U							
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009	< 0.005	U		< 0.005	U							
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010	< 0.006	U		< 0.006	U							
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010	< 0.005	U		< 0.005	U							
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010	< 0.004	U		< 0.004	U							
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010	< 0.005	U		< 0.005	U							
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008	< 0.00501	U		< 0.00501	U							
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008	< 0.005	U		< 0.005	U							
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008	< 0.005	U		< 0.005	U							
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011	< 0.0024	U		< 0.0024	U							
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011	< 13	U		< 13	U							
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011	< 9.2	U		< 9.2	U							
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0022	U		< 0.0022	U							
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0025	U		< 0.0025	U							
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011	< 0.0021	U		< 0.0021	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Bromoform (mg/kg)			Bromomethane (mg/kg)			Butane (mg/kg)			Butane, 2,2,3,3-tetramethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011	< 1.2	U		< 1.2	U							
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011	< 1	U		< 1	U							
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011	< 0.0022	U		< 0.0022	U							
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0022	U		< 0.0022	U							
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.0021	U		< 0.0021	U							
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0022	U		< 0.0022	U							
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011	< 0.0021	U		< 0.0021	U							
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011	< 0.0022	U		< 0.0022	U							
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011	< 0.0022	U		< 0.0022	U							
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012	< 0.0021	U		< 0.0021	U							
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012	< 0.0021	U		< 0.0021	U							
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012	< 0.0021	U		< 0.0021	U							
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012	< 0.0021	U		< 0.0021	U							
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011	< 0.0026	U		0.0112								
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011	< 0.0026	U		< 0.0026	U							
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011	< 0.89	U		< 0.89	U							
WRR	GP-7	GP-7-25	3 ft	8/26/2009	< 0.005	U		< 0.005	U							
WRR	GP-7	GP-7-37	3 ft	8/26/2009	< 0.341	U	UJ	< 0.341	U	UJ						
WRR	GP-7	GP-7-37D	3 ft	8/26/2009	< 0.318	U	UJ	< 0.318	U	UJ						
WRR	GP-7	GP-7-41	3 ft	8/26/2009	< 0.657	U	UJ	< 0.657	U	UJ						
WRR	GP-8	GP-8-13	13 ft	8/26/2009	< 0.005	U		< 0.005	U							
WRR	GP-8	GP-8-35	35 ft	8/26/2009	< 0.005	U		< 0.005	U							
WRR	GP-8	GP-8-47	47 ft	8/26/2009	< 0.006	U		< 0.006	U							
WRR	GP-8	GP-8-47D	47 ft	8/26/2009	< 0.235	U		< 0.235	U							
WRR	GP-9	GP-9-18	18 ft	8/25/2009	< 5.07	U		< 5.07	U							
WRR	GP-9	GP-9-37	37 ft	8/25/2009	< 0.006	U		< 0.006	U							
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.45	U		< 0.45	U							
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.2	U		< 0.2	U							
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.21	U		< 0.21	U							
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.0043	U		< 0.0043	U							
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.0021	U		< 0.0021	U							
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.0024	U		< 0.0024	U							
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.0023	U		< 0.0023	U							
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.4	U		< 0.4	U							
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 2	U		< 2	U							
WRR	MW-06	B-6-04	4 ft	5/15/2008	< 0.00391	U		< 0.00391	U							
WRR	MW-06	B-6-23	23 ft	5/19/2008	< 0.005	U		< 0.005	U							
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011	< 0.0026	U		< 0.0026	U							
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011	< 0.0029	U		< 0.0029	U							
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011	< 0.26	U		< 0.26	U							
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011	< 1.2	U		< 1.2	U							
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011	< 1.2	U		< 1.2	U							
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 1.4	U		< 1.4	U							
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011	< 5	U		< 5	U							
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011	< 3.1	U		< 3.1	U							
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011	< 0.57	U		< 0.57	U							
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011	< 6	U		< 6	U							
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 0.29	U		< 0.29	U							
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011	< 2.5	U		< 2.5	U							
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011	< 0.12	U		< 0.12	U							
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011	< 0.33	U		< 0.33	U							
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011	< 0.0023	U		< 0.0023	U							
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.46	U		< 0.46	U							
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011	< 0.0023	U		< 0.0023	U							
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.0022	U		< 0.0022	U							
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011	< 0.0033	U		< 0.0033	U							
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011	< 0.0022	U		< 0.0022	U							
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011	< 0.0022	U		< 0.0022	U							
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011	< 0.37	U		< 0.37	U							
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011	< 0.32	U		< 0.32	U							
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011	< 0.41	U		< 0.41	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Bromoform (mg/kg)			Bromomethane (mg/kg)			Butane (mg/kg)			Butane, 2,2,3,3-tetramethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011	< 2.7	U		< 2.7	U							
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011	< 6	U		< 6	U							
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.38	U		< 0.38	U							
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011	< 0.0022	U		< 0.0022	U							
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011	< 0.24	U		< 0.24	U							
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011	< 0.25	U		< 0.25	U							
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.0023	U		< 0.0023	U							
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011	< 0.24	U		< 0.24	U							
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.32	U		< 0.32	U					5.9	JN	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.0024	U		< 0.0024	U		0.37	JN				
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.0023	U		< 0.0023	U							
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.0021	U		< 0.0021	U		0.067	JN				
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.0025	U		< 0.0025	U							
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011	< 0.0024	U		< 0.0024	U							
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011	< 0.0023	U		< 0.0023	U							
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011	< 0.0021	U		< 0.0021	U							
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.0025	U		< 0.0025	U							
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011	< 0.0022	U		< 0.0022	U							
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011	< 0.0022	U		< 0.0022	U							
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011	< 0.56	U		< 0.56	U							
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011	< 0.6	U		< 0.6	U							
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.32	U		< 0.32	U							
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011	< 0.47	U		< 0.47	U							
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011	< 2.2	U		< 2.2	U							
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011	< 0.0026	U		< 0.0026	U							
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011	< 0.0021	U		< 0.0021	U							
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011	< 0.0023	U		< 0.0023	U							
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.0024	U		< 0.0024	U							
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.002	U		0.002		J						
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0023	U		< 0.0023	U							
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.0023	U		< 0.0023	U	UJ	0.068	JN				
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.0028	U		< 0.0028	U	UJ	0.059	JN				
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.0023	U		< 0.0023	U	UJ	0.041	JN				
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.52	U		< 0.52	U							
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0024	U		< 0.0024	U							
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.24	U		< 0.24	U							
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011	< 2.5	U		< 2.5	U							
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011	< 0.63	U		< 0.63	U							
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 1.2	U		< 1.2	U							
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011	< 0.56	U		< 0.56	U							
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 1.2	U		< 1.2	U							
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0023	U		< 0.0023	U							
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 55	U		< 55	U							
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 10	U		< 10	U							
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.24	U		< 0.24	U							
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011	< 3.4	U		< 3.4	U							
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011	< 0.24	U		< 0.24	U							
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011	< 1.9	U		< 1.9	U							
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011	< 0.0022	U		< 0.0022	U							
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011	< 0.64	U		< 0.64	U							
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011	< 2.5	U		< 2.5	U							
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011	< 0.22	U		< 0.22	U							
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011	< 0.25	U		< 0.25	U							
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011	< 1.2	U		< 1.2	U							
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011	< 0.89	U		< 0.89	U							
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 1	U		< 1	U							
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011	< 0.48	U		< 0.48	U							
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0022	U		< 0.0022	U							
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0023	U		< 0.0023	U							
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011	< 0.0026	U		< 0.0026	U							
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011	< 0.0026	U		< 0.0026	U							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Bromoform (mg/kg)**			**Bromomethane (mg/kg)**			**Butane (mg/kg)**			**Butane, 2,2,3,3-tetramethyl- (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 0.0028	U		< 0.0028	U							
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0022	U		< 0.0022	U							
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0026	U		< 0.0026	U							
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.0026	U	UJ	< 0.0026	U		0.16	JN				
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.0023	U		< 0.0023	U		8.5	JN				
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.0021	U		< 0.0021	U							
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.0025	U		< 0.0025	U							
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0025	U		< 0.0025	U					0.038	JN	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.0022	U		< 0.0022	U							
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0025	U		< 0.0025	U							
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.0025	U		< 0.0025	U							
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.002	U		< 0.002	U		0.05	JN		0.017	JN	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.0023	U		< 0.0023	U							
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.0024	U		< 0.0024	U							
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.0021	U		< 0.0021	U		0.11	JN		0.013	JN	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0024	U		< 0.0024	U							
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0023	U		< 0.0023	U							
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.0021	U		< 0.0021	U							
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.0022	U		< 0.0022	U							
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.0019	U		< 0.0019	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Butane, 2,2-dimethyl- (mg/kg)			Butane, 2,3-dimethyl- (mg/kg)			Carbon disulfide (mg/kg)			Carbon tetrachloride (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008							< 0.0394	U		< 0.00394	U	
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008							< 0.058	U		< 0.006	U	
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008							< 0.0517	U		< 0.00517	U	
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008							< 0.063	U		< 0.006	U	
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008							< 0.05	U		< 0.005	U	
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008							< 0.0567	U		< 0.00567	U	
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008							< 0.0479	U		< 0.00479	U	
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008							< 0.0591	U		< 0.00591	U	
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008							< 0.0498	U		< 0.00498	U	
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008							< 0.0533	U		< 0.00533	U	
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012							< 0.56	U		< 0.23	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012							< 0.56	U		< 0.22	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012							< 0.27	U		< 0.11	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012							< 0.0052	U		< 0.0021	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012							< 0.0051	U		< 0.0021	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012							< 3.3	U		< 1.3	U	
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012							< 0.0056	U		< 0.0022	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012							< 7.5	U		< 3	U	
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012							< 0.58	U		< 0.23	U	
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012							< 13	U		< 5.2	U	
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012							< 0.74	U		< 0.29	U	
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012							< 0.67	U		< 0.27	U	
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012							< 0.57	U		< 0.23	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012							< 0.62	U		< 0.25	U	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012							< 0.57	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012							< 0.57	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012							< 0.57	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012							< 2	U		< 0.81	U	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012							< 0.0081	U		< 0.0032	U	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012							< 0.0064	U		< 0.0026	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012							0.0021	J		< 0.003	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012							< 12	U		< 4.6	U	
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012							< 13	U		< 5.1	U	
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012							< 0.77	U		< 0.31	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015							0.0053	J		< 0.0032	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015							0.0037	J		< 0.0029	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015							0.0006	J		< 0.0018	U	
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013							< 0.0059	U		< 0.0024	U	
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013							0.0058	J		< 0.0024	U	
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013							< 0.0057	U		< 0.0023	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013							< 0.0057	U		< 0.0023	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014							< 0.0057	U		< 0.0023	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014							< 0.72	U		< 0.29	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014							< 0.64	U		< 0.25	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014							< 0.0055	U		< 0.0022	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014							0.0012	J		< 0.0035	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014							0.0013	J		< 0.0024	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014							< 0.0054	U		< 0.0021	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	0.039	JN		0.24	JN		0.00071	J	J	< 0.0026	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	0.078	JN	J	0.72	JN	J	< 0.0058	U	UJ	< 0.0023	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011							< 0.0063	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011							< 0.0063	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011							< 0.0079	U		< 0.0032	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011							< 0.0068	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011							< 0.0061	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011							< 0.0057	U		< 0.0023	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011							< 0.0064	U		< 0.0026	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011							< 0.0061	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011							< 0.0063	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011							< 0.0056	U		< 0.0023	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011							< 0.007	U		< 0.0028	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Butane, 2,2-dimethyl- (mg/kg)			Butane, 2,3-dimethyl- (mg/kg)			Carbon disulfide (mg/kg)			Carbon tetrachloride (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011							< 0.0068	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011							< 0.0064	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011							< 0.0077	U		< 0.0031	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011							< 0.59	U		< 0.24	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011							< 1.1	U		< 0.45	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011							< 0.64	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011							< 0.58	U		< 0.23	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011							< 0.0067	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011							< 15	U		< 6.1	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011							< 0.0059	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011							< 0.0059	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011							0.0199			< 0.0021	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011							< 0.0054	U		< 0.0022	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011							< 0.006	U		< 0.0024	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011							< 0.0055	U		< 0.0022	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011							< 0.0058	U		< 0.0023	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011							< 0.62	U		< 0.25	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011							< 0.0066	U		< 0.0026	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014							< 0.87	U		< 0.35	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014							< 0.71	U		< 0.28	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014							< 0.0061	U		< 0.0024	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014							< 0.64	U		< 0.26	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014							< 0.0059	U	UJ	< 0.0024	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014							< 0.0059	U		< 0.0024	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014							< 13	U		< 5.3	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015							< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015							< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015							< 0.0042	U		< 0.0042	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015							< 0.0045	U		< 0.0045	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015							< 0.0046	U		< 0.0046	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015							< 0.22	U		< 0.22	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015							< 0.0048	U		< 0.0048	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015							< 0.26	U		< 0.26	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011							< 0.0049	U		< 0.002	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011							0.0019	J		< 0.0024	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011							0.0033	J		< 0.0023	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011							0.0042	J		< 0.0025	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011							< 0.007	U		< 0.0028	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015							< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015							< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011							0.0074		J	< 0.0024	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011							< 0.007	U		< 0.0028	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015							< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015							< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015							< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011							< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011							< 0.0094	U		< 0.0038	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011							< 0.014	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011							< 0.0059	U		< 0.0024	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011							< 0.0066	U		< 0.0026	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011							< 0.006	U		< 0.0024	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011							< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011							< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011							< 0.0056	U		< 0.0022	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015							0.0079			< 0.0026	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015							< 0.0059	U		< 0.0024	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015							< 0.0056	U		< 0.0022	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011							0.0069			< 0.0028	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011							0.0058	J		< 0.0028	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011							< 2.9	U		< 1.2	U	
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011							0.0056	J		< 0.0025	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Butane, 2,2-dimethyl- (mg/kg)			Butane, 2,3-dimethyl- (mg/kg)			Carbon disulfide (mg/kg)			Carbon tetrachloride (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011							0.0063	J		< 0.003	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011							< 0.86	U		< 0.35	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011							0.0065	J		< 0.0031	U	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012							< 0.0059	U		< 0.0023	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012							< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012							< 0.0056	U		< 0.0022	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013							0.00078	J		< 0.003	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013							0.0011	J		< 0.0026	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013							0.0021	J		< 0.0024	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012							< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012							< 0.0058	U		< 0.0023	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012							0.0017	J		< 0.0029	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012							< 0.0067	U	UJ	< 0.0027	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012							< 0.0095	U		< 0.0038	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012							< 0.0053	U		< 0.0021	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012							< 0.0091	U		< 0.0036	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012							< 3	U		< 1.2	U	
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012							< 2.7	U		< 1.1	U	
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012							< 0.0048	U		< 0.0019	U	
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012							< 0.0056	U		< 0.0023	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012							< 0.0052	U		< 0.0021	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012							< 0.0054	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012							< 0.0054	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012							< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012							< 0.0053	U		< 0.0021	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012							< 0.0052	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012							< 0.0054	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012							< 0.0052	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012							< 0.0051	U		< 0.002	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012							< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012							< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012							< 0.0053	U		< 0.0021	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012							< 0.0053	U		< 0.0021	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013							< 0.0071	U		< 0.0028	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013							< 37	U		< 15	U	
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013							< 0.0078	U		< 0.0031	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013							< 31	U		< 12	U	
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015							< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013							0.0161			< 0.0025	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013							< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013							< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013							< 0.0056	U		< 0.0023	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013							< 0.0058	U		< 0.0023	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013							< 0.006	U		< 0.0024	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013				0.0058	JN		0.001	J		< 0.0029	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013							< 0.0064	U		< 0.0026	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013							< 0.0054	U		< 0.0022	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013							< 0.0055	U		< 0.0022	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012							< 0.0058	U		< 0.0023	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012							< 0.61	U		< 0.24	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012							< 0.61	U		< 0.24	U	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012							0.0011	J		< 0.002	U	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012							< 1.2	U		< 0.5	U	
Public Works	GP-15	GP-15-29	29 ft	12/18/2012							< 0.0055	U		< 0.0022	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012							< 12	U		< 4.9	U	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012							< 0.55	U		< 0.22	U	
Public Works	GP-15	GP-15-47	47 ft	12/18/2012							< 3	U		< 1.2	U	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012							< 5	U		< 2	U	
Public Works	GP-15	GP-15-74	74 ft	12/21/2012							< 0.57	U		< 0.23	U	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012							< 0.52	U		< 0.21	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013							< 0.0065	U		< 0.0026	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Butane, 2,2-dimethyl- (mg/kg)			Butane, 2,3-dimethyl- (mg/kg)			Carbon disulfide (mg/kg)			Carbon tetrachloride (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013							< 0.57	U		< 0.23	U	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013							< 0.52	U		< 0.21	U	
Public Works	GP-16	GP-16-57	57 ft	1/3/2013							< 0.52	U		< 0.21	U	
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013							< 0.59	U		< 0.24	U	
Public Works	GP-16	GP-16-77	77 ft	1/3/2013							< 0.49	U		< 0.19	U	
Public Works	GP-16	GP-16-91	91 ft	1/7/2013							0.00095	J	J	< 0.0019	U	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013							< 2.7	U	UJ	< 1.1	U	UJ
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013							< 7	U	UJ	< 2.8	U	UJ
Public Works	GP-17	GP-17-45	45 ft	1/7/2013							< 4.1	U	UJ	< 1.6	U	UJ
Public Works	GP-17	GP-17-57	57 ft	1/7/2013							< 5.9	U	UJ	< 2.4	U	UJ
Public Works	GP-17	GP-17-65	65 ft	1/7/2013							< 0.39	U	UJ	< 0.16	U	UJ
Public Works	GP-18	GP-18-21	21 ft	1/8/2013							< 1.8	U	UJ	< 0.72	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013							< 5.1	U	UJ	< 2	U	UJ
Public Works	GP-18	GP-18-53	53 ft	1/8/2013							< 6.7	U	UJ	< 2.7	U	UJ
Public Works	GP-18	GP-18-63	63 ft	1/8/2013							< 2.6	U	UJ	< 1.1	U	UJ
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009							< 0.043	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009							< 0.045	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009							< 0.041	U		< 0.004	U	
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008							< 0.0498	U		< 0.00498	U	
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008							< 0.0549	U		< 0.00549	U	
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008							< 0.055	U		< 0.0055	U	
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011							< 0.01	U		< 0.004	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011							< 0.0063	U		< 0.0025	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011							< 0.7	U		< 0.28	U	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011							< 0.28	U		< 0.11	U	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011							< 13	U		< 5.2	U	
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011							< 3.6	U		< 1.5	U	
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011							< 1.5	U		< 0.6	U	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011							< 2.8	U		< 1.1	U	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011							< 0.46	U		< 0.18	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011							< 0.63	U		< 0.25	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011							< 2	U		< 0.81	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011							< 1.3	U		< 0.51	U	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011							< 0.73	U		< 0.29	U	
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011							< 6.1	U		< 2.4	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011							< 2.6	U		< 1	U	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011							< 1.9	U		< 0.76	U	
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011							< 0.0052	U		< 0.0021	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011							< 2	U		< 0.78	U	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011							< 0.64	U		< 0.26	U	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009							< 0.052	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009							< 0.052	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009							< 0.045	U		< 0.004	U	
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010							< 0.055	U		< 0.005	U	
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010							< 0.049	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009							< 0.088	U		< 0.009	U	
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009							< 0.047	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009							< 0.051	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010							< 0.063	U		< 0.006	U	
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010							< 0.051	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010							< 0.038	U		< 0.004	U	
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010							< 0.047	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008							< 0.0501	U		< 0.00501	U	
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008							< 0.053	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008							< 0.051	U		< 0.005	U	
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011							< 0.0061	U		< 0.0024	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011							< 33	U		< 13	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011							< 23	U		< 9.2	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011							< 0.0055	U		< 0.0022	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011							< 0.0062	U		< 0.0025	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011							< 0.0053	U		< 0.0021	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Butane, 2,2-dimethyl- (mg/kg)			Butane, 2,3-dimethyl- (mg/kg)			Carbon disulfide (mg/kg)			Carbon tetrachloride (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011							< 3.1	U		< 1.2	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011							< 2.5	U		< 1	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011							0.0021	J		< 0.0022	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014							0.00079	J		< 0.0022	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014							0.0015	J		< 0.0021	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014							0.0005	J		< 0.0022	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011							< 0.0052	U		< 0.0021	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011							< 0.0056	U		< 0.0022	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011							< 0.0054	U		< 0.0022	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012							< 0.0052	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012							< 0.0051	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012							< 0.0053	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012							< 0.0051	U		< 0.0021	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011							0.0025	J		< 0.0026	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011							< 0.0065	U		< 0.0026	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011							< 2.2	U		< 0.89	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009							< 0.05	U		< 0.005	U	
WRR	GP-7	GP-7-37	3 ft	8/26/2009							< 3.41	U	UJ	< 0.341	U	UJ
WRR	GP-7	GP-7-37D	3 ft	8/26/2009							< 3.18	U	UJ	< 0.318	U	UJ
WRR	GP-7	GP-7-41	3 ft	8/26/2009							< 6.57	U	UJ	< 0.657	U	UJ
WRR	GP-8	GP-8-13	13 ft	8/26/2009							< 0.046	U		< 0.005	U	
WRR	GP-8	GP-8-35	35 ft	8/26/2009							< 0.046	U		< 0.005	U	
WRR	GP-8	GP-8-47	47 ft	8/26/2009							< 0.056	U		< 0.006	U	
WRR	GP-8	GP-8-47D	47 ft	8/26/2009							< 2.35	U		< 0.235	U	
WRR	GP-9	GP-9-18	18 ft	8/25/2009							< 50.7	U		< 5.07	U	
WRR	GP-9	GP-9-37	37 ft	8/25/2009							< 0.061	U		< 0.006	U	
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013							< 1.1	U		< 0.45	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013							< 0.49	U		< 0.2	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013							< 0.52	U		< 0.21	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013							< 0.011	U		< 0.0043	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013							< 0.0052	U		< 0.0021	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013							< 0.0061	U		< 0.0024	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013							< 0.0057	U		< 0.0023	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013							< 1	U		< 0.4	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013							< 4.9	U		< 2	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008							< 0.0391	U		< 0.00391	U	
WRR	MW-06	B-6-23	23 ft	5/19/2008							< 0.051	U		< 0.005	U	
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011							0.0055	J		< 0.0026	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011							0.002	J		< 0.0029	U	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011							< 0.65	U		< 0.26	U	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011							< 3.1	U		< 1.2	U	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011							< 3	U		< 1.2	U	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011							< 3.4	U		< 1.4	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011							< 12	U		< 5	U	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011							< 7.9	U		< 3.1	U	
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011							< 1.4	U		< 0.57	U	
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011							< 15	U		< 6	U	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011							< 0.72	U		< 0.29	U	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011							< 6.2	U		< 2.5	U	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011							< 0.3	U		< 0.12	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011							< 0.83	U		< 0.33	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011							< 0.0058	U		< 0.0023	U	
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011							< 1.2	U		< 0.46	U	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011							< 0.0057	U		< 0.0023	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011							< 0.0055	U		< 0.0022	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011							< 0.0083	U		< 0.0033	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011							< 0.0054	U		< 0.0022	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011							< 0.0056	U		< 0.0022	U	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011							< 0.91	U		< 0.37	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011							< 0.8	U		< 0.32	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011							< 1	U		< 0.41	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Butane, 2,2-dimethyl- (mg/kg)			Butane, 2,3-dimethyl- (mg/kg)			Carbon disulfide (mg/kg)			Carbon tetrachloride (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011							< 6.8	U		< 2.7	U	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011							< 15	U		< 6	U	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011							< 0.94	U		< 0.38	U	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011							< 0.0055	U		< 0.0022	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011							< 0.6	U		< 0.24	U	
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011							< 0.61	U		< 0.25	U	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011							< 0.0058	U		< 0.0023	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011							< 0.6	U		< 0.24	U	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013							< 0.8	U		< 0.32	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	0.0087	JN					< 0.006	U		< 0.0024	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013							< 0.0058	U		< 0.0023	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013							< 0.0052	U		< 0.0021	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013							< 0.0062	U		< 0.0025	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011							< 0.0061	U		< 0.0024	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011							0.0049	J		< 0.0023	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011							0.0045	J		< 0.0021	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011							0.0017	J		< 0.0025	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011							< 0.0056	U		< 0.0022	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011							< 0.0055	U		< 0.0022	U	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011							< 1.4	U		< 0.56	U	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011							< 1.5	U		< 0.6	U	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011							< 0.79	U		< 0.32	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011							< 1.2	U		< 0.47	U	
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011							< 5.6	U		< 2.2	U	
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011							< 0.0065	U		< 0.0026	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011							< 0.0053	U		< 0.0021	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011							< 0.0058	U		< 0.0023	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011							< 0.0061	U		< 0.0024	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011							< 0.0051	U		< 0.002	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011							< 0.0058	U		< 0.0023	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015				0.016	JN		< 0.0057	U		< 0.0023	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015							0.00093	J		< 0.0028	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015							< 0.0056	U		< 0.0023	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011							< 1.3	U		< 0.52	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011							< 0.0059	U		< 0.0024	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011							< 0.6	U		< 0.24	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011							< 6.2	U		< 2.5	U	
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011							< 1.6	U		< 0.63	U	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011							< 3.1	U		< 1.2	U	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011							< 1.4	U		< 0.56	U	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011							< 2.9	U		< 1.2	U	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011							< 0.0057	U		< 0.0023	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011							< 140	U		< 55	U	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011							< 25	U		< 10	U	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011							< 0.6	U		< 0.24	U	
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011							< 8.4	U		< 3.4	U	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011							< 0.61	U		< 0.24	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011							< 4.8	U		< 1.9	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011							< 0.0054	U		< 0.0022	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011							< 1.6	U		< 0.64	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011							< 6.3	U		< 2.5	U	
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011							< 0.54	U		< 0.22	U	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011							< 0.62	U		< 0.25	U	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011							< 3	U		< 1.2	U	
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011							< 2.2	U		< 0.89	U	
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011							< 2.5	U		< 1	U	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011							< 1.2	U		< 0.48	U	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011							< 0.0054	U		< 0.0022	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011							< 0.0058	U		< 0.0023	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011							< 0.0065	U		< 0.0026	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011							< 0.0065	U		< 0.0026	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Butane, 2,2-dimethyl- (mg/kg)			Butane, 2,3-dimethyl- (mg/kg)			Carbon disulfide (mg/kg)			Carbon tetrachloride (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011							< 0.0069	U		< 0.0028	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011							< 0.0056	U		< 0.0022	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011							< 0.0064	U		< 0.0026	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013				0.034	JN		< 0.0064	U		< 0.0026	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013							0.00057	J		< 0.0023	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013							< 0.0054	U		< 0.0021	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013							< 0.0063	U		< 0.0025	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	0.009	JN		0.029	JN		< 0.0064	U		< 0.0025	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013							0.00072	J		< 0.0022	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	0.0095	JN		0.048	JN		< 0.0063	U		< 0.0025	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013							< 0.0063	U		< 0.0025	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013							0.00058	J		< 0.002	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	0.0084	JN					0.00032	J		< 0.0023	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013							< 0.006	U		< 0.0024	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013				0.025	JN		< 0.0053	U		< 0.0021	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013							< 0.0061	U		< 0.0024	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013							< 0.0058	U		< 0.0023	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013							< 0.0053	U		< 0.0021	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	0.028	JN		0.059	JN		0.0012	J		< 0.0022	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013							< 0.0048	U		< 0.0019	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Chlorobenzene (mg/kg)			Chlorodibromomethane (mg/kg)			Chloroethane (mg/kg)			Chloroform (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008	< 0.00394	U		< 0.00394	U		< 0.00787	U		< 0.00394	U	
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008	< 0.006	U		< 0.006	U		< 0.012	U		< 0.006	U	
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008	< 0.00517	U		< 0.00517	U		< 0.0103	U		< 0.00517	U	
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008	< 0.006	U		< 0.006	U		< 0.012	U		< 0.006	U	
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008	< 0.005	U		< 0.005	U		< 0.01	U		< 0.005	U	
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008	< 0.00567	U		< 0.00567	U		< 0.0113	U		< 0.00567	U	
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008	< 0.00479	U		< 0.00479	U		< 0.00958	U		< 0.00479	U	
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008	< 0.00591	U		< 0.00591	U		< 0.0118	U		< 0.00591	U	
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008	< 0.00498	U		< 0.00498	U		< 0.00996	U		< 0.00498	U	
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008	< 0.00533	U		< 0.00533	U		< 0.0107	U		< 0.00533	U	
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012	< 0.23	U		< 0.23	U		< 0.56	U		< 0.23	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012	< 0.22	U		< 0.22	U		< 0.56	U		< 0.22	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012	< 0.11	U		< 0.11	U		< 0.27	U		< 0.11	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0021	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012	< 0.0021	U		< 0.0021	U		< 0.0051	U		< 0.0021	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012	< 1.3	U		< 1.3	U		< 3.3	U		< 1.3	U	
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012	< 0.0022	U		< 0.0022	U		< 0.0056	U		< 0.0022	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012	< 3	U		< 3	U		< 7.5	U		< 3	U	
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012	< 0.23	U		< 0.23	U		< 0.58	U		< 0.23	U	
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012	< 5.2	U		< 5.2	U		< 13	U		< 5.2	U	
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012	< 0.29	U		< 0.29	U		< 0.74	U		< 0.29	U	
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012	< 0.27	U		< 0.27	U		< 0.67	U		< 0.27	U	
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012	< 0.23	U		< 0.23	U		< 0.57	U		< 0.23	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012	0.0401	J		< 0.25	U		< 0.62	U		< 0.25	U	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012	< 0.23	U		< 0.23	U		< 0.57	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012	< 0.23	U		< 0.23	U		< 0.57	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012	< 0.23	U		< 0.23	U		< 0.57	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012	< 0.81	U		< 0.81	U		< 2	U		< 0.81	U	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012	< 0.0032	U		< 0.0032	U		< 0.0081	U		< 0.0032	U	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012	< 0.0026	U		< 0.0026	U		< 0.0064	U		< 0.0026	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012	< 0.003	U		< 0.003	U		< 0.0076	U		< 0.003	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012	< 4.6	U		< 4.6	U		< 12	U		< 4.6	U	
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012	< 5.1	U		< 5.1	U		< 13	U		< 5.1	U	
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012	< 0.31	U		< 0.31	U		< 0.77	U		< 0.31	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 0.0032	U		< 0.0032	U		< 0.0079	U		< 0.0032	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 0.0029	U		< 0.0029	U		< 0.0072	U		< 0.0029	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.0018	U		< 0.0018	U		< 0.0045	U		< 0.0018	U	
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013	< 0.0024	U		< 0.0024	U		< 0.0059	U		0.0012	J	
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013	< 0.0024	U		< 0.0024	U		< 0.006	U		< 0.0024	U	
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.29	U		< 0.29	U		< 0.72	U		0.126	J	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.25	U		< 0.25	U		< 0.64	U		0.124	J	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0022	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.0035	U		< 0.0035	U		< 0.0088	U		< 0.0035	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.0024	U		< 0.0024	U		< 0.0059	U		< 0.0024	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.0021	U		< 0.0021	U		< 0.0054	U		< 0.0021	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.0026	U		< 0.0026	U		< 0.0066	U		< 0.0026	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.0023	U	UJ	< 0.0023	U	UJ	< 0.0058	U	UJ	< 0.0023	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.0025	U		< 0.0025	U		< 0.0063	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.0025	U		< 0.0025	U		< 0.0063	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.0032	U		< 0.0032	U		< 0.0079	U		< 0.0032	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.0027	U		< 0.0027	U		< 0.0068	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.0026	U		< 0.0026	U		< 0.0064	U		< 0.0026	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.0025	U		< 0.0025	U		< 0.0063	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.0023	U		< 0.0023	U		< 0.0056	U		< 0.0023	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.0028	U		< 0.0028	U		< 0.007	U		< 0.0028	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Chlorobenzene (mg/kg)			Chlorodibromomethane (mg/kg)			Chloroethane (mg/kg)			Chloroform (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.0027	U		< 0.0027	U		< 0.0068	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.0025	U		< 0.0025	U		< 0.0064	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.0031	U		< 0.0031	U		< 0.0077	U		< 0.0031	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.24	U		< 0.24	U		< 0.59	U		< 0.24	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.45	U		< 0.45	U		< 1.1	U		< 0.45	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.26	U		< 0.26	U		< 0.64	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.23	U		< 0.23	U		< 0.58	U		< 0.23	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.0027	U		< 0.0027	U		< 0.0067	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 6.1	U		< 6.1	U		< 15	U		< 6.1	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.0024	U		< 0.0024	U		< 0.0059	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.0024	U		< 0.0024	U		< 0.0059	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0021	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0022	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.0024	U		< 0.0024	U		< 0.006	U		< 0.0024	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0022	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0023	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011	< 0.25	U		< 0.25	U		< 0.62	U		< 0.25	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.0026	U		< 0.0026	U		< 0.0066	U		< 0.0026	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.35	U		< 0.35	U		< 0.87	U		< 0.35	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.28	U		< 0.28	U		< 0.71	U		< 0.28	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0024	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.26	U		< 0.26	U		< 0.64	U		< 0.26	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.0024	U	UJ	< 0.0024	U	UJ	< 0.0059	U	UJ	< 0.0024	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.0024	U		< 0.0024	U		< 0.0059	U		< 0.0024	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 5.3	U		< 5.3	U		< 13	U		< 5.3	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0052	U		< 0.0052	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.0059	U		< 0.0059	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0042	U		< 0.0042	U		< 0.0042	U		< 0.0042	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.0045	U		< 0.0045	U		< 0.0045	U		< 0.0045	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0046	U		< 0.0046	U		< 0.0046	U		< 0.0046	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.22	U		< 0.22	U		< 0.22	U		< 0.22	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.0048	U		< 0.0048	U		< 0.0048	U		< 0.0048	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.26	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.002	U		< 0.002	U		< 0.0049	U		< 0.002	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.0024	U		< 0.0024	U		< 0.006	U		< 0.0024	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.0025	U		< 0.0025	U		< 0.0061	U		< 0.0025	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.0028	U		< 0.0028	U		< 0.007	U		< 0.0028	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.0024	U		< 0.0024	U		< 0.006	U		< 0.0024	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.0028	U		< 0.0028	U		< 0.007	U		< 0.0028	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.0053	U		< 0.0053	U		< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.0056	U		< 0.0056	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011	< 0.0038	U		< 0.0038	U		< 0.0094	U		< 0.0038	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011	< 0.0056	U		< 0.0056	U		< 0.014	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011	< 0.0024	U		< 0.0024	U		< 0.0059	U		< 0.0024	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0026	U		< 0.0026	U		< 0.0066	U		< 0.0026	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011	< 0.0024	U		< 0.0024	U		< 0.006	U		< 0.0024	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0022	U		< 0.0022	U		< 0.0056	U		< 0.0022	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.0026	U		< 0.0026	U		< 0.0066	U		< 0.0026	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.0024	U		< 0.0024	U		< 0.0059	U		< 0.0024	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.0022	U		< 0.0022	U		< 0.0056	U		< 0.0022	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0028	U		< 0.0028	U		< 0.0069	U		< 0.0028	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011	< 0.0028	U		< 0.0028	U		< 0.007	U		< 0.0028	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011	< 1.2	U		< 1.2	U		< 2.9	U		< 1.2	U	
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011	< 0.0025	U		< 0.0025	U		< 0.0064	U		< 0.0025	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Chlorobenzene (mg/kg)			Chlorodibromomethane (mg/kg)			Chloroethane (mg/kg)			Chloroform (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011	< 0.003	U		< 0.003	U		< 0.0076	U		< 0.003	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011	< 0.35	U		< 0.35	U		< 0.86	U		< 0.35	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011	< 0.0031	U		< 0.0031	U		< 0.0077	U		< 0.0031	U	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012	< 0.0023	U		< 0.0023	U		< 0.0059	U		< 0.0023	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012	< 0.0022	U		< 0.0022	U		< 0.0056	U		< 0.0022	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013	< 0.003	U		< 0.003	U		< 0.0075	U		< 0.003	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013	< 0.0026	U		< 0.0026	U		< 0.0064	U		< 0.0026	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0024	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0023	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012	< 0.0029	U		< 0.0029	U		< 0.0071	U		< 0.0029	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012	< 0.0027	U	UJ	< 0.0027	U	UJ	< 0.0067	U	UJ	< 0.0027	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012	< 0.0038	U		< 0.0038	U		< 0.0095	U		< 0.0038	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0021	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012	< 0.0036	U		< 0.0036	U		< 0.0091	U		< 0.0036	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012	< 1.2	U		< 1.2	U		< 3	U		< 1.2	U	
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012	< 1.1	U		< 1.1	U		< 2.7	U		< 1.1	U	
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012	< 0.0019	U		< 0.0019	U		< 0.0048	U		< 0.0019	U	
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012	< 0.0023	U		< 0.0023	U		< 0.0056	U		< 0.0023	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0021	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0021	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012	< 0.0021	U		< 0.0021	U		< 0.0054	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012	< 0.002	U		< 0.002	U		< 0.0051	U		< 0.002	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0021	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0021	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013	< 0.0028	U		< 0.0028	U		< 0.0071	U		< 0.0028	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013	< 15	U		< 15	U		< 37	U		< 15	U	
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013	< 0.0031	U		< 0.0031	U		< 0.0078	U		< 0.0031	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013	< 12	U		< 12	U		< 31	U		< 12	U	
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0052	U		< 0.0052	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.0025	U		< 0.0025	U		< 0.0062	U		< 0.0025	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.0023	U		< 0.0023	U		< 0.0056	U		< 0.0023	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0023	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.0024	U		< 0.0024	U		< 0.006	U		< 0.0024	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 0.0029	U		< 0.0029	U		< 0.0073	U		< 0.0029	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.0026	U		< 0.0026	U		< 0.0064	U		< 0.0026	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0022	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0022	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0023	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012	< 0.24	U		< 0.24	U		< 0.61	U		< 0.24	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012	< 0.24	U		< 0.24	U		< 0.61	U		< 0.24	U	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012	< 0.002	U		< 0.002	U		< 0.0049	U		< 0.002	U	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012	< 0.5	U		< 0.5	U		< 1.2	U		< 0.5	U	
Public Works	GP-15	GP-15-29	29 ft	12/18/2012	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0022	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012	< 4.9	U		< 4.9	U		< 12	U		< 4.9	U	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012	< 0.22	U		< 0.22	U		< 0.55	U		< 0.22	U	
Public Works	GP-15	GP-15-47	47 ft	12/18/2012	< 1.2	U		< 1.2	U		< 3	U		< 1.2	U	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012	< 2	U		< 2	U		< 5	U		< 2	U	
Public Works	GP-15	GP-15-74	74 ft	12/21/2012	< 0.23	U		< 0.23	U		< 0.57	U		< 0.23	U	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012	< 0.21	U		< 0.21	U		< 0.52	U		< 0.21	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013	< 0.0026	U		< 0.0026	U		< 0.0065	U		< 0.0026	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Chlorobenzene (mg/kg)			Chlorodibromomethane (mg/kg)			Chloroethane (mg/kg)			Chloroform (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013	< 0.23	U		< 0.23	U		< 0.57	U		< 0.23	U	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013	< 0.21	U		< 0.21	U		< 0.52	U		< 0.21	U	
Public Works	GP-16	GP-16-57	57 ft	1/3/2013	< 0.21	U		< 0.21	U		< 0.52	U		< 0.21	U	
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013	< 0.24	U		< 0.24	U		< 0.59	U		< 0.24	U	
Public Works	GP-16	GP-16-77	77 ft	1/3/2013	< 0.19	U		< 0.19	U		< 0.49	U		< 0.19	U	
Public Works	GP-16	GP-16-91	91 ft	1/7/2013	< 0.0019	U		< 0.0019	U		< 0.0048	U		0.00075	J	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013	< 1.1	U	UJ	< 1.1	U	UJ	< 2.7	U	UJ	< 1.1	U	UJ
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013	< 2.8	U	UJ	< 2.8	U	UJ	< 7	U	UJ	< 2.8	U	UJ
Public Works	GP-17	GP-17-45	45 ft	1/7/2013	< 1.6	U	UJ	< 1.6	U	UJ	< 4.1	U	UJ	< 1.6	U	UJ
Public Works	GP-17	GP-17-57	57 ft	1/7/2013	< 2.4	U	UJ	< 2.4	U	UJ	< 5.9	U	UJ	< 2.4	U	UJ
Public Works	GP-17	GP-17-65	65 ft	1/7/2013	< 0.16	U	UJ	< 0.16	U	UJ	< 0.39	U	UJ	< 0.16	U	UJ
Public Works	GP-18	GP-18-21	21 ft	1/8/2013	< 0.72	U	UJ	< 0.72	U	UJ	< 1.8	U	UJ	< 0.72	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013	< 2	U	UJ	< 2	U	UJ	< 5.1	U	UJ	< 2	U	UJ
Public Works	GP-18	GP-18-53	53 ft	1/8/2013	< 2.7	U	UJ	< 2.7	U	UJ	< 6.7	U	UJ	< 2.7	U	UJ
Public Works	GP-18	GP-18-63	63 ft	1/8/2013	< 1.1	U	UJ	< 1.1	U	UJ	< 2.6	U	UJ	< 1.1	U	UJ
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009	< 0.004	U		< 0.004	U		< 0.009	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009	< 0.004	U		< 0.004	U		< 0.009	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009	< 0.004	U		< 0.004	U		< 0.008	U		< 0.004	U	
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008	< 0.00498	U		< 0.00498	U		< 0.00996	U		< 0.00498	U	
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008	< 0.00549	U		< 0.00549	U		< 0.011	U		< 0.00549	U	
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008	< 0.0055	U		< 0.0055	U		< 0.011	U		< 0.0055	U	
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011	< 0.004	U		< 0.004	U		< 0.01	U		< 0.004	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011	< 0.0025	U		< 0.0025	U		< 0.0063	U		< 0.0025	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011	< 0.28	U		< 0.28	U		< 0.7	U		< 0.28	U	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011	< 0.11	U		< 0.11	U		< 0.28	U		< 0.11	U	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011	< 5.2	U		< 5.2	U		< 13	U		< 5.2	U	
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011	< 1.5	U		< 1.5	U		< 3.6	U		< 1.5	U	
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011	< 0.6	U		< 0.6	U		< 1.5	U		< 0.6	U	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011	< 1.1	U		< 1.1	U		< 2.8	U		< 1.1	U	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011	< 0.18	U		< 0.18	U		< 0.46	U		< 0.18	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011	< 0.25	U		< 0.25	U		< 0.63	U		< 0.25	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011	< 0.81	U		< 0.81	U		< 2	U		< 0.81	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011	< 0.51	U		< 0.51	U		< 1.3	U		< 0.51	U	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011	< 0.29	U		< 0.29	U		< 0.73	U		< 0.29	U	
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011	< 2.4	U		< 2.4	U		< 6.1	U		< 2.4	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011	< 1	U		< 1	U		< 2.6	U		< 1	U	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011	< 0.76	U		< 0.76	U		< 1.9	U		< 0.76	U	
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0021	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011	< 0.78	U		< 0.78	U		< 2	U		< 0.78	U	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011	< 0.26	U		< 0.26	U		< 0.64	U		< 0.26	U	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.01	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.01	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009	< 0.004	U		< 0.004	U		< 0.009	U		< 0.004	U	
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.011	U		< 0.005	U	
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.01	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009	< 0.009	U		< 0.009	U		< 0.018	U		< 0.009	U	
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.009	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.01	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010	< 0.006	U		< 0.006	U		< 0.013	U		< 0.006	U	
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.01	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010	< 0.004	U		< 0.004	U		< 0.008	U		< 0.004	U	
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.009	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008	< 0.00501	U		< 0.00501	U		< 0.01	U		< 0.00501	U	
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008	< 0.005	U		< 0.005	U		< 0.011	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008	< 0.005	U		< 0.005	U		< 0.01	U		< 0.005	U	
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0024	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011	< 13	U		< 13	U		< 33	U		< 13	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011	< 9.2	U		< 9.2	U		< 23	U		< 9.2	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0022	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0025	U		< 0.0025	U		< 0.0062	U		< 0.0025	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0021	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Chlorobenzene (mg/kg)			Chlorodibromomethane (mg/kg)			Chloroethane (mg/kg)			Chloroform (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011	< 1.2	U		< 1.2	U		< 3.1	U		< 1.2	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011	< 1	U		< 1	U		< 2.5	U		< 1	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0022	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0022	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0021	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0022	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0021	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011	< 0.0022	U		< 0.0022	U		< 0.0056	U		< 0.0022	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0022	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012	< 0.0021	U		< 0.0021	U		< 0.0051	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012	< 0.0021	U		< 0.0021	U		< 0.0051	U		< 0.0021	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011	< 0.0026	U		< 0.0026	U		< 0.0065	U		< 0.0026	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011	< 0.0026	U		< 0.0026	U		< 0.0065	U		< 0.0026	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011	< 0.89	U		< 0.89	U		< 2.2	U		< 0.89	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009	< 0.005	U		< 0.005	U		< 0.01	U		< 0.005	U	
WRR	GP-7	GP-7-37	3 ft	8/26/2009	< 0.341	U	UJ	< 0.341	U	UJ	< 0.682	U	UJ	< 0.341	U	UJ
WRR	GP-7	GP-7-37D	3 ft	8/26/2009	< 0.318	U	UJ	< 0.318	U	UJ	< 0.636	U	UJ	< 0.318	U	UJ
WRR	GP-7	GP-7-41	3 ft	8/26/2009	< 0.657	U	UJ	< 0.657	U	UJ	< 1.31	U	UJ	< 0.657	U	UJ
WRR	GP-8	GP-8-13	13 ft	8/26/2009	< 0.005	U		< 0.005	U		< 0.009	U		< 0.005	U	
WRR	GP-8	GP-8-35	35 ft	8/26/2009	< 0.005	U		< 0.005	U		< 0.009	U		< 0.005	U	
WRR	GP-8	GP-8-47	47 ft	8/26/2009	< 0.006	U		< 0.006	U		< 0.011	U		< 0.006	U	
WRR	GP-8	GP-8-47D	47 ft	8/26/2009	< 0.235	U		< 0.235	U		< 0.469	U		< 0.235	U	
WRR	GP-9	GP-9-18	18 ft	8/25/2009	< 5.07	U		< 5.07	U		< 10.1	U		< 5.07	U	
WRR	GP-9	GP-9-37	37 ft	8/25/2009	< 0.006	U		< 0.006	U		< 0.012	U		< 0.006	U	
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.45	U		< 0.45	U		< 1.1	U		< 0.45	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.2	U		< 0.2	U		< 0.49	U		< 0.2	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.21	U		< 0.21	U		< 0.52	U		< 0.21	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.0043	U		< 0.0043	U		< 0.011	U		< 0.0043	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	0.00067	J		< 0.0021	U		< 0.0052	U		< 0.0021	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0024	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0023	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.4	U		< 0.4	U		< 1	U		< 0.4	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 2	U		< 2	U		< 4.9	U		< 2	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008	< 0.00391	U		< 0.00391	U		< 0.00782	U		< 0.00391	U	
WRR	MW-06	B-6-23	23 ft	5/19/2008	< 0.005	U		< 0.005	U		< 0.01	U		< 0.005	U	
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011	< 0.0026	U		< 0.0026	U		< 0.0064	U		< 0.0026	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011	< 0.0029	U		< 0.0029	U		< 0.0071	U		< 0.0029	U	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011	< 0.26	U		< 0.26	U		< 0.65	U		< 0.26	U	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011	< 1.2	U		< 1.2	U		< 3.1	U		< 1.2	U	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011	< 1.2	U		< 1.2	U		< 3	U		< 1.2	U	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 1.4	U		< 1.4	U		< 3.4	U		< 1.4	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011	< 5	U		< 5	U		< 12	U		< 5	U	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011	< 3.1	U		< 3.1	U		< 7.9	U		< 3.1	U	
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011	< 0.57	U		< 0.57	U		< 1.4	U		< 0.57	U	
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011	< 6	U		< 6	U		< 15	U		< 6	U	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 0.29	U		< 0.29	U		< 0.72	U		< 0.29	U	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011	< 2.5	U		< 2.5	U		< 6.2	U		< 2.5	U	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011	< 0.12	U		< 0.12	U		< 0.3	U		< 0.12	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011	< 0.33	U		< 0.33	U		< 0.83	U		< 0.33	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0023	U	
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.46	U		< 0.46	U		< 1.2	U		< 0.46	U	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0023	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0022	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011	< 0.0033	U		< 0.0033	U		< 0.0083	U		< 0.0033	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0022	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011	< 0.0022	U		< 0.0022	U		< 0.0056	U		< 0.0022	U	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011	< 0.37	U		< 0.37	U		< 0.91	U		< 0.37	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011	< 0.32	U		< 0.32	U		< 0.8	U		< 0.32	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011	< 0.41	U		< 0.41	U		< 1	U		< 0.41	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Chlorobenzene (mg/kg)			Chlorodibromomethane (mg/kg)			Chloroethane (mg/kg)			Chloroform (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011	< 2.7	U		< 2.7	U		< 6.8	U		< 2.7	U	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011	< 6	U		< 6	U		< 15	U		< 6	U	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.38	U		< 0.38	U		< 0.94	U		< 0.38	U	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0022	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011	< 0.24	U		< 0.24	U		< 0.6	U		< 0.24	U	
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011	< 0.25	U		< 0.25	U		< 0.61	U		< 0.25	U	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0023	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011	< 0.24	U		< 0.24	U		< 0.6	U		< 0.24	U	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.32	U		< 0.32	U		< 0.8	U		< 0.32	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.0024	U		< 0.0024	U		< 0.006	U		< 0.0024	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0023	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0021	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.0025	U		< 0.0025	U		< 0.0062	U		< 0.0025	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0024	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0023	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011	< 0.0021	U		< 0.0021	U		< 0.0052	U		< 0.0021	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.0025	U		< 0.0025	U		< 0.0061	U		< 0.0025	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011	< 0.0022	U		< 0.0022	U		< 0.0056	U		< 0.0022	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0022	U	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011	< 0.56	U		< 0.56	U		< 1.4	U		< 0.56	U	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011	< 0.6	U		< 0.6	U		< 1.5	U		< 0.6	U	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.32	U		< 0.32	U		< 0.79	U		< 0.32	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011	< 0.47	U		< 0.47	U		< 1.2	U		< 0.47	U	
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011	< 2.2	U		< 2.2	U		< 5.6	U		< 2.2	U	
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011	< 0.0026	U		< 0.0026	U		< 0.0065	U		< 0.0026	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0021	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0023	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0024	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.002	U		< 0.002	U		< 0.0051	U		< 0.002	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0023	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0023	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.0028	U		< 0.0028	U		< 0.007	U		< 0.0028	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.0023	U		< 0.0023	U		< 0.0056	U		< 0.0023	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.52	U		< 0.52	U		< 1.3	U		< 0.52	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0024	U		< 0.0024	U		< 0.0059	U		< 0.0024	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.24	U		< 0.24	U		< 0.6	U		< 0.24	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011	< 2.5	U		< 2.5	U		< 6.2	U		< 2.5	U	
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011	< 0.63	U		< 0.63	U		< 1.6	U		< 0.63	U	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 1.2	U		< 1.2	U		< 3.1	U		< 1.2	U	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011	< 0.56	U		< 0.56	U		< 1.4	U		< 0.56	U	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 1.2	U		< 1.2	U		< 2.9	U		< 1.2	U	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0023	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 55	U		< 55	U		< 140	U		< 55	U	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 10	U		< 10	U		< 25	U		< 10	U	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.24	U		< 0.24	U		< 0.6	U		< 0.24	U	
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011	< 3.4	U		< 3.4	U		< 8.4	U		< 3.4	U	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011	< 0.24	U		< 0.24	U		< 0.61	U		< 0.24	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011	< 1.9	U		< 1.9	U		< 4.8	U		< 1.9	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0022	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011	< 0.64	U		< 0.64	U		< 1.6	U		< 0.64	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011	< 2.5	U		< 2.5	U		< 6.3	U		< 2.5	U	
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011	< 0.22	U		< 0.22	U		< 0.54	U		< 0.22	U	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011	< 0.25	U		< 0.25	U		< 0.62	U		< 0.25	U	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011	< 1.2	U		< 1.2	U		< 3	U		< 1.2	U	
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011	< 0.89	U		< 0.89	U		< 2.2	U		< 0.89	U	
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 1	U		< 1	U		< 2.5	U		< 1	U	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011	< 0.48	U		< 0.48	U		< 1.2	U		< 0.48	U	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0022	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0023	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011	< 0.0026	U		< 0.0026	U		< 0.0065	U		< 0.0026	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011	< 0.0026	U		< 0.0026	U		< 0.0065	U		< 0.0026	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Chlorobenzene (mg/kg)			Chlorodibromomethane (mg/kg)			Chloroethane (mg/kg)			Chloroform (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 0.0028	U		< 0.0028	U		< 0.0069	U		< 0.0028	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0022	U		< 0.0022	U		< 0.0056	U		< 0.0022	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0026	U		< 0.0026	U		< 0.0064	U		< 0.0026	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.0026	U		< 0.0026	U		< 0.0064	U		< 0.0026	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0023	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.0021	U		< 0.0021	U		< 0.0054	U		< 0.0021	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.0025	U		< 0.0025	U		< 0.0063	U		< 0.0025	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0025	U		< 0.0025	U		< 0.0064	U		< 0.0025	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.0022	U		< 0.0022	U		< 0.0055	U		< 0.0022	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0025	U		< 0.0025	U		< 0.0063	U		< 0.0025	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.0025	U		< 0.0025	U		< 0.0063	U		< 0.0025	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.002	U		< 0.002	U		< 0.0049	U		< 0.002	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.0023	U		< 0.0023	U		< 0.0057	U		< 0.0023	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.0024	U		< 0.0024	U		< 0.006	U		< 0.0024	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0021	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0024	U		< 0.0024	U		< 0.0061	U		< 0.0024	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0023	U		< 0.0023	U		< 0.0058	U		< 0.0023	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.0021	U		< 0.0021	U		< 0.0053	U		< 0.0021	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.0022	U		< 0.0022	U		< 0.0054	U		< 0.0022	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.0019	U		< 0.0019	U		< 0.0048	U		< 0.0019	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Chloromethane (mg/kg)			cis-1,2-Dichloroethene (mg/kg)			cis-1,3-Dichloropropene (mg/kg)			cis-1-Ethyl-3-methyl-cyclohexane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008	< 0.00787	U		< 0.00394	U		< 0.00394	U				
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008	< 0.012	U		< 0.006	U		< 0.006	U				
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008	< 0.0103	U		< 0.00517	U		< 0.00517	U				
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008	< 0.012	U		< 0.006	U		< 0.006	U				
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008	< 0.01	U		< 0.005	U		< 0.005	U				
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008	< 0.0113	U		< 0.00567	U		< 0.00567	U				
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008	< 0.00958	U		< 0.00479	U		< 0.00479	U				
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008	< 0.0118	U		< 0.00591	U		< 0.00591	U				
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008	< 0.00996	U		< 0.00498	U		< 0.00498	U				
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008	< 0.0107	U		< 0.00533	U		< 0.00533	U				
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012	< 0.56	U		< 0.23	U		< 0.23	U				
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012	< 0.56	U		< 0.22	U		< 0.22	U				
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012	< 0.27	U		< 0.11	U		< 0.11	U				
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012	< 0.0052	U		< 0.0021	U		< 0.0021	U				
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012	< 0.0051	U		< 0.0021	U		< 0.0021	U				
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012	< 3.3	U		< 1.3	U		< 1.3	U				
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012	< 0.0056	U		< 0.0022	U		< 0.0022	U				
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012	< 7.5	U		< 3	U		< 3	U				
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012	< 0.58	U		< 0.23	U		< 0.23	U				
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012	< 13	U		< 5.2	U		< 5.2	U				
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012	< 0.74	U		< 0.29	U		< 0.29	U				
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012	< 0.67	U		< 0.27	U		< 0.27	U				
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012	< 0.57	U		< 0.23	U		< 0.23	U				
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012	< 0.62	U		< 0.25	U		< 0.25	U				
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012	< 0.57	U		< 0.23	U		< 0.23	U				
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012	< 0.57	U		< 0.23	U		< 0.23	U				
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012	< 0.57	U		< 0.23	U		< 0.23	U				
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012	< 2	U		< 0.81	U		< 0.81	U				
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012	< 0.0081	U		< 0.0032	U		< 0.0032	U				
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012	< 0.0064	U		< 0.0026	U		< 0.0026	U				
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012	< 0.0076	U		< 0.003	U		< 0.003	U				
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012	< 12	U		< 4.6	U		< 4.6	U				
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012	< 13	U		< 5.1	U		< 5.1	U				
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012	< 0.77	U		< 0.31	U		< 0.31	U				
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 0.0079	U		< 0.0032	U		< 0.0032	U				
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 0.0072	U		< 0.0029	U		< 0.0029	U				
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.0045	U		< 0.0018	U		< 0.0018	U				
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013	< 0.0059	U		< 0.0024	U		< 0.0024	U				
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013	< 0.006	U		< 0.0024	U		< 0.0024	U				
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013	< 0.0057	U		< 0.0023	U		< 0.0023	U				
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013	< 0.0057	U		< 0.0023	U		< 0.0023	U				
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.0057	U	UJ	< 0.0023	U		< 0.0023	U				
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.72	U		< 0.29	U		< 0.29	U				
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.64	U		< 0.25	U		< 0.25	U				
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.0055	U		< 0.0022	U		< 0.0022	U				
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.0088	U		< 0.0035	U		< 0.0035	U				
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.0059	U		< 0.0024	U		< 0.0024	U				
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.0054	U		< 0.0021	U		< 0.0021	U				
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.0066	U		< 0.0026	U		< 0.0026	U				
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.0058	U	UJ	< 0.0023	U	UJ	< 0.0023	U	UJ			
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.0063	U		< 0.0025	U		< 0.0025	U				
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.0063	U		< 0.0025	U		< 0.0025	U				
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.0079	U		< 0.0032	U		< 0.0032	U				
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.0068	U		< 0.0027	U		< 0.0027	U				
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.0061	U		< 0.0024	U		< 0.0024	U				
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U				
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.0064	U		< 0.0026	U		< 0.0026	U				
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.0061	U		< 0.0024	U		< 0.0024	U				
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.0063	U		< 0.0025	U		< 0.0025	U				
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.0056	U		< 0.0023	U		< 0.0023	U				
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.007	U		< 0.0028	U		< 0.0028	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Chloromethane (mg/kg)			cis-1,2-Dichloroethene (mg/kg)			cis-1,3-Dichloropropene (mg/kg)			cis-1-Ethyl-3-methyl-cyclohexane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.0068	U		< 0.0027	U		< 0.0027	U				
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.0064	U		< 0.0025	U		< 0.0025	U				
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.0077	U		< 0.0031	U		< 0.0031	U				
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.59	U		< 0.24	U		< 0.24	U				
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 1.1	U		< 0.45	U		< 0.45	U				
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.64	U		< 0.26	U		< 0.26	U				
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.58	U		< 0.23	U		< 0.23	U				
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.0067	U		< 0.0027	U		< 0.0027	U				
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 15	U		< 6.1	U		< 6.1	U				
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.0059	U		< 0.0024	U		< 0.0024	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.0059	U		< 0.0024	U		< 0.0024	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.0053	U		< 0.0021	U		< 0.0021	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.006	U		< 0.0024	U		< 0.0024	U				
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U				
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U				
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011	< 0.62	U		< 0.25	U		< 0.25	U				
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.0066	U		< 0.0026	U		< 0.0026	U				
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.87	U		< 0.35	U		< 0.35	U				
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.71	U		< 0.28	U		< 0.28	U				
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.0061	U	UJ	< 0.0024	U		< 0.0024	U				
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.64	U		< 0.26	U		< 0.26	U				
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.0059	U	UJ	< 0.0024	U	UJ	< 0.0024	U	UJ			
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.0059	U		< 0.0024	U		< 0.0024	U				
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 13	U		< 5.3	U		< 5.3	U				
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0052	U		< 0.0052	U		< 0.0052	U				
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.0059	U		< 0.0059	U		< 0.0059	U				
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0042	U		< 0.0042	U		< 0.0042	U				
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.0045	U		< 0.0045	U		< 0.0045	U				
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0046	U		< 0.0046	U		< 0.0046	U				
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.22	U		< 0.22	U		< 0.22	U				
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.0048	U		< 0.0048	U		< 0.0048	U				
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.26	U		< 0.26	U		< 0.26	U				
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.0049	U	UJ	< 0.002	U		< 0.002	U				
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.006	U	UJ	< 0.0024	U		< 0.0024	U				
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.0057	U	UJ	< 0.0023	U		< 0.0023	U				
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.0061	U	UJ	< 0.0025	U		< 0.0025	U				
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.007	U	UJ	< 0.0028	U		< 0.0028	U				
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U				
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U				
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.006	U	UJ	< 0.0024	U		< 0.0024	U				
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.007	U	UJ	< 0.0028	U		< 0.0028	U				
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.0053	U		< 0.0053	U		< 0.0053	U				
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U				
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.0056	U		< 0.0056	U		< 0.0056	U				
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U				
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011	< 0.0094	U		< 0.0038	U		< 0.0038	U				
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011	< 0.014	U		< 0.0056	U		< 0.0056	U				
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011	< 0.0059	U		< 0.0024	U		< 0.0024	U				
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0066	U		< 0.0026	U		< 0.0026	U				
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011	< 0.006	U		< 0.0024	U		< 0.0024	U				
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U				
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U				
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0056	U		< 0.0022	U		< 0.0022	U				
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.0066	U		< 0.0026	U		< 0.0026	U				
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.0059	U		< 0.0024	U		< 0.0024	U				
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.0056	U		< 0.0022	U		< 0.0022	U				
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0069	U		< 0.0028	U		< 0.0028	U				
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011	< 0.007	U		< 0.0028	U		< 0.0028	U				
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011	< 2.9	U		< 1.2	U		< 1.2	U				
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011	< 0.0064	U		< 0.0025	U		< 0.0025	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Chloromethane (mg/kg)			cis-1,2-Dichloroethene (mg/kg)			cis-1,3-Dichloropropene (mg/kg)			cis-1-Ethyl-3-methyl-cyclohexane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0076	U		< 0.003	U		< 0.003	U				
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011	< 0.86	U		< 0.35	U		< 0.35	U				
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011	< 0.0077	U		< 0.0031	U		< 0.0031	U				
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012	< 0.0059	U		< 0.0023	U		< 0.0023	U				
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012	< 0.0057	U		< 0.0023	U		< 0.0023	U				
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012	< 0.0056	U		< 0.0022	U		< 0.0022	U				
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013	< 0.0075	U		< 0.003	U		< 0.003	U				
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013	< 0.0064	U		< 0.0026	U		< 0.0026	U				
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013	< 0.0061	U		< 0.0024	U		< 0.0024	U				
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012	< 0.0057	U		< 0.0023	U		< 0.0023	U				
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012	< 0.0058	U		< 0.0023	U		< 0.0023	U				
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012	< 0.0071	U		< 0.0029	U		< 0.0029	U				
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012	< 0.0067	U	UJ	< 0.0027	U	UJ	< 0.0027	U	UJ			
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012	< 0.0095	U		< 0.0038	U		< 0.0038	U				
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012	< 0.0053	U		< 0.0021	U		< 0.0021	U				
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012	< 0.0091	U		< 0.0036	U		< 0.0036	U				
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012	< 3	U		< 1.2	U		< 1.2	U				
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012	< 2.7	U		< 1.1	U		< 1.1	U				
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012	< 0.0048	U		< 0.0019	U		< 0.0019	U				
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012	< 0.0056	U		< 0.0023	U		< 0.0023	U				
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012	< 0.0052	U		< 0.0021	U		< 0.0021	U				
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012	< 0.0054	U		< 0.0022	U		< 0.0022	U				
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012	< 0.0054	U		< 0.0022	U		< 0.0022	U				
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012	< 0.0055	U		< 0.0022	U		< 0.0022	U				
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012	< 0.0053	U		< 0.0021	U		< 0.0021	U				
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012	< 0.0052	U		< 0.0021	U		< 0.0021	U				
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012	< 0.0054	U		< 0.0021	U		< 0.0021	U				
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012	< 0.0052	U		< 0.0021	U		< 0.0021	U				
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012	< 0.0051	U		< 0.002	U		< 0.002	U				
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012	< 0.0057	U		< 0.0023	U		< 0.0023	U				
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012	< 0.0055	U		< 0.0022	U		< 0.0022	U				
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012	< 0.0053	U		< 0.0021	U		< 0.0021	U				
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012	< 0.0053	U		< 0.0021	U		< 0.0021	U				
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013	< 0.0071	U		< 0.0028	U		< 0.0028	U				
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013	< 37	U	UJ	< 15	U		< 15	U				
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013	< 0.0078	U		< 0.0031	U		< 0.0031	U				
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013	< 31	U	UJ	< 12	U		< 12	U				
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0052	U		< 0.0052	U		< 0.0052	U				
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.0062	U		< 0.0025	U		< 0.0025	U				
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.0057	U		< 0.0023	U		< 0.0023	U				
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.0055	U		< 0.0022	U		< 0.0022	U				
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.0056	U		< 0.0023	U		< 0.0023	U				
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.0058	U		< 0.0023	U		< 0.0023	U				
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.006	U		< 0.0024	U		< 0.0024	U				
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 0.0073	U		< 0.0029	U		< 0.0029	U				
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.0064	U		< 0.0026	U		< 0.0026	U				
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.0054	U		< 0.0022	U		< 0.0022	U				
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.0055	U		< 0.0022	U		< 0.0022	U				
Public Works	GP-14	GP-14-13	13 ft	12/18/2012	< 0.0058	U		< 0.0023	U		< 0.0023	U				
Public Works	GP-14	GP-14-33	33 ft	12/18/2012	< 0.61	U		< 0.24	U		< 0.24	U				
Public Works	GP-14	GP-14-39	39 ft	12/18/2012	< 0.61	U		< 0.24	U		< 0.24	U				
Public Works	GP-14	GP-14-45	45 ft	12/18/2012	< 0.0049	U		< 0.002	U		< 0.002	U				
Public Works	GP-15	GP-15-19	19 ft	12/18/2012	< 1.2	U		< 0.5	U		< 0.5	U				
Public Works	GP-15	GP-15-29	29 ft	12/18/2012	< 0.0055	U		< 0.0022	U		< 0.0022	U				
Public Works	GP-15	GP-15-37	37 ft	12/18/2012	< 12	U		< 4.9	U		< 4.9	U				
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012	< 0.55	U		< 0.22	U		< 0.22	U				
Public Works	GP-15	GP-15-47	47 ft	12/18/2012	< 3	U		< 1.2	U		< 1.2	U				
Public Works	GP-15	GP-15-55	55 ft	12/18/2012	< 5	U		< 2	U		< 2	U				
Public Works	GP-15	GP-15-74	74 ft	12/21/2012	< 0.57	U		< 0.23	U		< 0.23	U				
Public Works	GP-15	GP-15-89	89 ft	12/21/2012	< 0.52	U		< 0.21	U		< 0.21	U				
Public Works	GP-16	GP-16-23	23 ft	1/3/2013	< 0.0065	U		< 0.0026	U		< 0.0026	U				

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Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Chloromethane (mg/kg)			cis-1,2-Dichloroethene (mg/kg)			cis-1,3-Dichloropropene (mg/kg)			cis-1-Ethyl-3-methyl-cyclohexane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013	< 0.57	U		< 0.23	U		< 0.23	U				
Public Works	GP-16	GP-16-51	51 ft	1/3/2013	< 0.52	U		< 0.21	U		< 0.21	U				
Public Works	GP-16	GP-16-57	57 ft	1/3/2013	< 0.52	U		< 0.21	U		< 0.21	U				
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013	< 0.59	U		< 0.24	U		< 0.24	U				
Public Works	GP-16	GP-16-77	77 ft	1/3/2013	< 0.49	U		< 0.19	U		< 0.19	U				
Public Works	GP-16	GP-16-91	91 ft	1/7/2013	< 0.0048	U		< 0.0019	U		< 0.0019	U				
Public Works	GP-17	GP-17-15	15 ft	1/7/2013	< 2.7	U	UJ	< 1.1	U	UJ	< 1.1	U	UJ			
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013	< 7	U	UJ	< 2.8	U	UJ	< 2.8	U	UJ			
Public Works	GP-17	GP-17-45	45 ft	1/7/2013	< 4.1	U	UJ	< 1.6	U	UJ	< 1.6	U	UJ			
Public Works	GP-17	GP-17-57	57 ft	1/7/2013	< 5.9	U	UJ	< 2.4	U	UJ	< 2.4	U	UJ			
Public Works	GP-17	GP-17-65	65 ft	1/7/2013	< 0.39	U	UJ	< 0.16	U	UJ	< 0.16	U	UJ			
Public Works	GP-18	GP-18-21	21 ft	1/8/2013	< 1.8	U	UJ	< 0.72	U	UJ	< 0.72	U	UJ			
Public Works	GP-18	GP-18-37	37 ft	1/8/2013	< 5.1	U	UJ	< 2	U	UJ	< 2	U	UJ			
Public Works	GP-18	GP-18-53	53 ft	1/8/2013	< 6.7	U	UJ	< 2.7	U	UJ	< 2.7	U	UJ			
Public Works	GP-18	GP-18-63	63 ft	1/8/2013	< 2.6	U	UJ	< 1.1	U	UJ	< 1.1	U	UJ			
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009	< 0.009	U		< 0.004	U		< 0.004	U				
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009	< 0.009	U		< 0.004	U		< 0.004	U				
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009	< 0.008	U		< 0.004	U		< 0.004	U				
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008	< 0.00996	U		< 0.00498	U		< 0.00498	U				
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008	< 0.011	U		< 0.00549	U		< 0.00549	U				
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008	< 0.011	U		< 0.0055	U		< 0.0055	U				
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011	< 0.01	U		< 0.004	U		< 0.004	U				
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011	< 0.0063	U		< 0.0025	U		< 0.0025	U				
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011	< 0.7	U		< 0.28	U		< 0.28	U				
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011	< 0.28	U		< 0.11	U		< 0.11	U				
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011	< 13	U		< 5.2	U		< 5.2	U				
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011	< 3.6	U		< 1.5	U		< 1.5	U				
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011	< 1.5	U		< 0.6	U		< 0.6	U				
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011	< 2.8	U		< 1.1	U		< 1.1	U				
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011	< 0.46	U		< 0.18	U		< 0.18	U				
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011	< 0.63	U		< 0.25	U		< 0.25	U				
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011	< 2	U		< 0.81	U		< 0.81	U				
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011	< 1.3	U		< 0.51	U		< 0.51	U				
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011	< 0.73	U		< 0.29	U		< 0.29	U				
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011	< 6.1	U		< 2.4	U		< 2.4	U				
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011	< 2.6	U		< 1	U		< 1	U				
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011	< 1.9	U		< 0.76	U		< 0.76	U				
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011	< 0.0052	U	UJ	< 0.0021	U		< 0.0021	U				
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011	< 2	U		< 0.78	U		< 0.78	U				
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011	< 0.64	U		< 0.26	U		< 0.26	U				
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009	< 0.01	U		< 0.005	U		< 0.005	U				
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009	< 0.01	U		< 0.005	U		< 0.005	U				
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009	< 0.009	U		< 0.004	U		< 0.004	U				
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010	< 0.011	U		< 0.005	U		< 0.005	U				
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010	< 0.01	U		< 0.005	U		< 0.005	U				
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009	< 0.018	U		< 0.009	U		< 0.009	U				
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009	< 0.009	U		< 0.005	U		< 0.005	U				
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009	< 0.01	U		< 0.005	U		< 0.005	U				
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010	< 0.013	U		< 0.006	U		< 0.006	U				
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010	< 0.01	U		< 0.005	U		< 0.005	U				
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010	< 0.008	U		< 0.004	U		< 0.004	U				
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010	< 0.009	U		< 0.005	U		< 0.005	U				
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008	< 0.01	U		< 0.00501	U		< 0.00501	U				
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008	< 0.011	U		< 0.005	U		< 0.005	U				
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008	< 0.01	U		< 0.005	U		< 0.005	U				
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011	< 0.0061	U		< 0.0024	U		< 0.0024	U				
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011	< 33	U		< 13	U		< 13	U				
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011	< 23	U		< 9.2	U		< 9.2	U				
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U				
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0062	U		< 0.0025	U		< 0.0025	U				
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011	< 0.0053	U		< 0.0021	U		< 0.0021	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Chloromethane (mg/kg)			cis-1,2-Dichloroethene (mg/kg)			cis-1,3-Dichloropropene (mg/kg)			cis-1-Ethyl-3-methyl-cyclohexane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011	< 3.1	U		< 1.2	U		< 1.2	U				
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011	< 2.5	U		< 1	U		< 1	U				
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U				
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0055	U		< 0.0022	U		< 0.0022	U				
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.0053	U		< 0.0021	U		< 0.0021	U				
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0054	U		< 0.0022	U		< 0.0022	U				
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011	< 0.0052	U		< 0.0021	U		< 0.0021	U				
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011	< 0.0056	U		< 0.0022	U		< 0.0022	U				
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U				
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012	< 0.0052	U		< 0.0021	U		< 0.0021	U				
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012	< 0.0051	U		< 0.0021	U		< 0.0021	U				
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012	< 0.0053	U		< 0.0021	U		< 0.0021	U				
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012	< 0.0051	U		< 0.0021	U		< 0.0021	U				
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011	< 0.0065	U	UJ	< 0.0026	U		< 0.0026	U				
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011	< 0.0065	U	UJ	< 0.0026	U		< 0.0026	U				
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011	< 2.2	U		< 0.89	U		< 0.89	U				
WRR	GP-7	GP-7-25	3 ft	8/26/2009	< 0.01	U		< 0.005	U		< 0.005	U				
WRR	GP-7	GP-7-37	3 ft	8/26/2009	< 0.682	U	UJ	< 0.341	U	UJ	< 0.341	U	UJ			
WRR	GP-7	GP-7-37D	3 ft	8/26/2009	< 0.636	U	UJ	< 0.318	U	UJ	< 0.318	U	UJ			
WRR	GP-7	GP-7-41	3 ft	8/26/2009	< 1.31	U	UJ	< 0.657	U	UJ	< 0.657	U	UJ			
WRR	GP-8	GP-8-13	13 ft	8/26/2009	< 0.009	U		< 0.005	U		< 0.005	U				
WRR	GP-8	GP-8-35	35 ft	8/26/2009	< 0.009	U		< 0.005	U		< 0.005	U				
WRR	GP-8	GP-8-47	47 ft	8/26/2009	< 0.011	U		< 0.006	U		< 0.006	U				
WRR	GP-8	GP-8-47D	47 ft	8/26/2009	< 0.469	U		< 0.235	U		< 0.235	U				
WRR	GP-9	GP-9-18	18 ft	8/25/2009	< 10.1	U		< 5.07	U		< 5.07	U				
WRR	GP-9	GP-9-37	37 ft	8/25/2009	< 0.012	U		< 0.006	U		< 0.006	U				
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 1.1	U		< 0.45	U		< 0.45	U				
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.49	U		< 0.2	U		< 0.2	U				
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.52	U		< 0.21	U		< 0.21	U				
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.011	U		< 0.0043	U		< 0.0043	U				
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.0052	U		< 0.0021	U		< 0.0021	U				
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.0061	U		< 0.0024	U		< 0.0024	U				
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.0057	U		< 0.0023	U		< 0.0023	U				
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 1	U		< 0.4	U		< 0.4	U				
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 4.9	U		< 2	U		< 2	U				
WRR	MW-06	B-6-04	4 ft	5/15/2008	< 0.00782	U		< 0.00391	U		< 0.00391	U				
WRR	MW-06	B-6-23	23 ft	5/19/2008	< 0.01	U		< 0.005	U		< 0.005	U				
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011	< 0.0064	U		< 0.0026	U		< 0.0026	U				
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011	< 0.0071	U		< 0.0029	U		< 0.0029	U				
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011	< 0.65	U		< 0.26	U		< 0.26	U				
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011	< 3.1	U		< 1.2	U		< 1.2	U				
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011	< 3	U		< 1.2	U		< 1.2	U				
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 3.4	U		< 1.4	U		< 1.4	U				
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011	< 12	U		< 5	U		< 5	U				
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011	< 7.9	U		< 3.1	U		< 3.1	U				
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011	< 1.4	U		< 0.57	U		< 0.57	U				
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011	< 15	U		< 6	U		< 6	U				
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 0.72	U		< 0.29	U		< 0.29	U				
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011	< 6.2	U		< 2.5	U		< 2.5	U				
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011	< 0.3	U		< 0.12	U		< 0.12	U				
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011	< 0.83	U		< 0.33	U		< 0.33	U				
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U				
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 1.2	U		< 0.46	U		< 0.46	U				
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U				
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U				
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011	< 0.0083	U		< 0.0033	U		< 0.0033	U				
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U				
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011	< 0.0056	U		< 0.0022	U		< 0.0022	U				
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011	< 0.91	U		< 0.37	U		< 0.37	U				
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011	< 0.8	U		< 0.32	U		< 0.32	U				
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011	< 1	U		< 0.41	U		< 0.41	U				

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Chloromethane (mg/kg)			cis-1,2-Dichloroethene (mg/kg)			cis-1,3-Dichloropropene (mg/kg)			cis-1-Ethyl-3-methyl-cyclohexane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011	< 6.8	U		< 2.7	U		< 2.7	U				
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011	< 15	U		< 6	U		< 6	U				
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.94	U		< 0.38	U		< 0.38	U				
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U				
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011	< 0.6	U		< 0.24	U		< 0.24	U				
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011	< 0.61	U		< 0.25	U		< 0.25	U				
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U				
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011	< 0.6	U		< 0.24	U		< 0.24	U				
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.8	U		< 0.32	U		< 0.32	U				
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.006	U		< 0.0024	U		< 0.0024	U				
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.0058	U		< 0.0023	U		< 0.0023	U				
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.0052	U		< 0.0021	U		< 0.0021	U				
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.0062	U		< 0.0025	U		< 0.0025	U				
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011	< 0.0061	U		< 0.0024	U		< 0.0024	U				
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U				
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011	< 0.0052	U		< 0.0021	U		< 0.0021	U				
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.0061	U		< 0.0025	U		< 0.0025	U				
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011	< 0.0056	U		< 0.0022	U		< 0.0022	U				
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U				
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011	< 1.4	U		< 0.56	U		< 0.56	U				
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011	< 1.5	U		< 0.6	U		< 0.6	U				
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.79	U		< 0.32	U		< 0.32	U				
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011	< 1.2	U		< 0.47	U		< 0.47	U				
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011	< 5.6	U		< 2.2	U		< 2.2	U				
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011	< 0.0065	U		< 0.0026	U		< 0.0026	U				
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011	< 0.0053	U		< 0.0021	U		< 0.0021	U				
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U				
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.0061	U		< 0.0024	U		< 0.0024	U				
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0051	U		< 0.002	U		< 0.002	U				
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U				
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.0057	U		< 0.0023	U		< 0.0023	U				
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.007	U		< 0.0028	U		< 0.0028	U				
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.0056	U		< 0.0023	U		< 0.0023	U				
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 1.3	U		< 0.52	U		< 0.52	U				
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0059	U		< 0.0024	U		< 0.0024	U				
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.6	U		< 0.24	U		< 0.24	U				
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011	< 6.2	U		< 2.5	U		< 2.5	U				
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011	< 1.6	U		< 0.63	U		< 0.63	U				
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 3.1	U		< 1.2	U		< 1.2	U				
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011	< 1.4	U		< 0.56	U		< 0.56	U				
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 2.9	U		< 1.2	U		< 1.2	U				
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U				
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 140	U		< 55	U		< 55	U				
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 25	U		< 10	U		< 10	U				
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.6	U		< 0.24	U		< 0.24	U				
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011	< 8.4	U		< 3.4	U		< 3.4	U				
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011	< 0.61	U		< 0.24	U		< 0.24	U				
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011	< 4.8	U		< 1.9	U		< 1.9	U				
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U				
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011	< 1.6	U		< 0.64	U		< 0.64	U				
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011	< 6.3	U		< 2.5	U		< 2.5	U				
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011	< 0.54	U		< 0.22	U		< 0.22	U				
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011	< 0.62	U		< 0.25	U		< 0.25	U				
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011	< 3	U		< 1.2	U		< 1.2	U				
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011	< 2.2	U		< 0.89	U		< 0.89	U				
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 2.5	U		< 1	U		< 1	U				
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011	< 1.2	U		< 0.48	U		< 0.48	U				
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U				
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0058	U		< 0.0023	U		< 0.0023	U				
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011	< 0.0065	U		< 0.0026	U		< 0.0026	U				
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011	< 0.0065	U		< 0.0026	U		< 0.0026	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Chloromethane (mg/kg)			cis-1,2-Dichloroethene (mg/kg)			cis-1,3-Dichloropropene (mg/kg)			cis-1-Ethyl-3-methyl-cyclohexane (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 0.0069	U		< 0.0028	U		< 0.0028	U				
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0056	U		< 0.0022	U		< 0.0022	U				
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0064	U		< 0.0026	U		< 0.0026	U				
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.0064	U		< 0.0026	U		< 0.0026	U				
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.0058	U		< 0.0023	U		< 0.0023	U				
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.0054	U		< 0.0021	U		< 0.0021	U				
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.0063	U		< 0.0025	U		< 0.0025	U				
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0064	U		< 0.0025	U		< 0.0025	U				
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.0055	U		< 0.0022	U		< 0.0022	U				
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0063	U		< 0.0025	U		< 0.0025	U		0.0076	JN	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.0063	U		< 0.0025	U		< 0.0025	U				
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.0049	U		< 0.002	U		< 0.002	U				
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.0057	U		< 0.0023	U		< 0.0023	U				
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.006	U		< 0.0024	U		< 0.0024	U				
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.0053	U		< 0.0021	U		< 0.0021	U				
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0061	U		< 0.0024	U		< 0.0024	U				
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0058	U		< 0.0023	U		< 0.0023	U				
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.0053	U		< 0.0021	U		< 0.0021	U				
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.0054	U		< 0.0022	U		< 0.0022	U				
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.0048	U		< 0.0019	U		< 0.0019	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					cis-3-Decene (mg/kg)			Cyclohexane (mg/kg)			Cyclohexane, (1-methylethyl)- (mg/kg)			Cyclohexane, 1,1,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014				0.13	JN	J						
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					cis-3-Decene (mg/kg)			Cyclohexane (mg/kg)			Cyclohexane, (1-methylethyl)- (mg/kg)			Cyclohexane, 1,1,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015										6.1	T J N	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					cis-3-Decene (mg/kg)			Cyclohexane (mg/kg)			Cyclohexane, (1-methylethyl)- (mg/kg)			Cyclohexane, 1,1,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					cis-3-Decene (mg/kg)			Cyclohexane (mg/kg)			Cyclohexane, (1-methylethyl)- (mg/kg)			Cyclohexane, 1,1,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					cis-3-Decene (mg/kg)			Cyclohexane (mg/kg)			Cyclohexane, (1-methylethyl)- (mg/kg)			Cyclohexane, 1,1,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					cis-3-Decene (mg/kg)			Cyclohexane (mg/kg)			Cyclohexane, (1-methylethyl)- (mg/kg)			Cyclohexane, 1,1,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013												
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	cis-3-Decene (mg/kg)			Cyclohexane (mg/kg)			Cyclohexane, (1-methylethyl)- (mg/kg)			Cyclohexane, 1,1,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013										0.0067	JN	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013				0.0073	JN							
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013				0.02	JN							
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1,2-dimethyl-, cis- (mg/kg)			Cyclohexane, 1,2-dimethyl-, trans- (mg/kg)			Cyclohexane, 1,3-dimethyl-, cis- (mg/kg)			Cyclohexane, 1,4-dimethyl-, cis- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1,2-dimethyl-, cis- (mg/kg)			Cyclohexane, 1,2-dimethyl-, trans- (mg/kg)			Cyclohexane, 1,3-dimethyl-, cis- (mg/kg)			Cyclohexane, 1,4-dimethyl-, cis- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015										2.2	T J N	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1,2-dimethyl-, cis- (mg/kg)			Cyclohexane, 1,2-dimethyl-, trans- (mg/kg)			Cyclohexane, 1,3-dimethyl-, cis- (mg/kg)			Cyclohexane, 1,4-dimethyl-, cis- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1,2-dimethyl-, cis- (mg/kg)			Cyclohexane, 1,2-dimethyl-, trans- (mg/kg)			Cyclohexane, 1,3-dimethyl-, cis- (mg/kg)			Cyclohexane, 1,4-dimethyl-, cis- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1,2-dimethyl-, cis- (mg/kg)			Cyclohexane, 1,2-dimethyl-, trans- (mg/kg)			Cyclohexane, 1,3-dimethyl-, cis- (mg/kg)			Cyclohexane, 1,4-dimethyl-, cis- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1,2-dimethyl-, cis- (mg/kg)			Cyclohexane, 1,2-dimethyl-, trans- (mg/kg)			Cyclohexane, 1,3-dimethyl-, cis- (mg/kg)			Cyclohexane, 1,4-dimethyl-, cis- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013												
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Cyclohexane, 1,2-dimethyl-, cis- (mg/kg)**			**Cyclohexane, 1,2-dimethyl-, trans- (mg/kg)**			**Cyclohexane, 1,3-dimethyl-, cis- (mg/kg)**			**Cyclohexane, 1,4-dimethyl-, cis- (mg/Kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	0.0067	JN		0.01	JN		0.0066	JN				
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1,4-dimethyl-, trans- (mg/kg)			Cyclohexane, 1-ethyl-2-methyl- (mg/kg)			Cyclohexane, 1-ethyl-2-methyl-, trans- (mg/Kg)			Cyclohexane, 1-ethyl-4-methyl-, ci (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1,4-dimethyl-, trans- (mg/kg)			Cyclohexane, 1-ethyl-2-methyl- (mg/kg)			Cyclohexane, 1-ethyl-2-methyl-, trans- (mg/Kg)			Cyclohexane, 1-ethyl-4-methyl-, ci (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015							5.6	T J N				
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1,4-dimethyl-, trans- (mg/kg)			Cyclohexane, 1-ethyl-2-methyl- (mg/kg)			Cyclohexane, 1-ethyl-2-methyl-, trans- (mg/Kg)			Cyclohexane, 1-ethyl-4-methyl-, ci (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1,4-dimethyl-, trans- (mg/kg)			Cyclohexane, 1-ethyl-2-methyl- (mg/kg)			Cyclohexane, 1-ethyl-2-methyl-, trans- (mg/Kg)			Cyclohexane, 1-ethyl-4-methyl-, ci (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1,4-dimethyl-, trans- (mg/kg)			Cyclohexane, 1-ethyl-2-methyl- (mg/kg)			Cyclohexane, 1-ethyl-2-methyl-, trans- (mg/Kg)			Cyclohexane, 1-ethyl-4-methyl-, ci (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1,4-dimethyl-, trans- (mg/kg)			Cyclohexane, 1-ethyl-2-methyl- (mg/kg)			Cyclohexane, 1-ethyl-2-methyl-, trans- (mg/Kg)			Cyclohexane, 1-ethyl-4-methyl-, ci (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013												
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013				0.0054	JN					0.0072	JN	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1,4-dimethyl-, trans- (mg/kg)			Cyclohexane, 1-ethyl-2-methyl- (mg/kg)			Cyclohexane, 1-ethyl-2-methyl-, trans- (mg/Kg)			Cyclohexane, 1-ethyl-4-methyl-, ci (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013				0.0082	JN							
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	0.0066	JN										
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013				0.0055	JN							
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1-ethyl-4-methyl-, trans- (mg/kg)			Cyclohexane, butyl- (mg/kg)			Cyclohexane, ethyl- (mg/kg)			Cyclohexane, methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014										0.25	JN	J
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1-ethyl-4-methyl-, trans- (mg/kg)			Cyclohexane, butyl- (mg/kg)			Cyclohexane, ethyl- (mg/kg)			Cyclohexane, methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	2.5	JN										
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1-ethyl-4-methyl-, trans- (mg/kg)			Cyclohexane, butyl- (mg/kg)			Cyclohexane, ethyl- (mg/kg)			Cyclohexane, methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013										0.0068	JN	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013							0.0077	JN		0.021	JN	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013										0.0098	JN	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1-ethyl-4-methyl-, trans- (mg/kg)			Cyclohexane, butyl- (mg/kg)			Cyclohexane, ethyl- (mg/kg)			Cyclohexane, methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1-ethyl-4-methyl-, trans- (mg/kg)			Cyclohexane, butyl- (mg/kg)			Cyclohexane, ethyl- (mg/kg)			Cyclohexane, methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1-ethyl-4-methyl-, trans- (mg/kg)			Cyclohexane, butyl- (mg/kg)			Cyclohexane, ethyl- (mg/kg)			Cyclohexane, methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013										0.0094	JN	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013										0.02	JN	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexane, 1-ethyl-4-methyl-, trans- (mg/kg)			Cyclohexane, butyl- (mg/kg)			Cyclohexane, ethyl- (mg/kg)			Cyclohexane, methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013							0.0095	JN		0.057	JN	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexanone, 2,3-dimethyl- (mg/Kg)			Cyclopentane (mg/kg)			Cyclopentane, 1,1,3-trimethyl- (mg/kg)			Cyclopentane, 1,2,4-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexanone, 2,3-dimethyl- (mg/Kg)			Cyclopentane (mg/kg)			Cyclopentane, 1,1,3-trimethyl- (mg/kg)			Cyclopentane, 1,2,4-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	2.2	T J N										
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexanone, 2,3-dimethyl- (mg/Kg)			Cyclopentane (mg/kg)			Cyclopentane, 1,1,3-trimethyl- (mg/kg)			Cyclopentane, 1,2,4-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013							0.016	JN				
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexanone, 2,3-dimethyl- (mg/Kg)			Cyclopentane (mg/kg)			Cyclopentane, 1,1,3-trimethyl- (mg/kg)			Cyclopentane, 1,2,4-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexanone, 2,3-dimethyl- (mg/Kg)			Cyclopentane (mg/kg)			Cyclopentane, 1,1,3-trimethyl- (mg/kg)			Cyclopentane, 1,2,4-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexanone, 2,3-dimethyl- (mg/Kg)			Cyclopentane (mg/kg)			Cyclopentane, 1,1,3-trimethyl- (mg/kg)			Cyclopentane, 1,2,4-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013												
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclohexanone, 2,3-dimethyl- (mg/Kg)			Cyclopentane (mg/kg)			Cyclopentane, 1,1,3-trimethyl- (mg/kg)			Cyclopentane, 1,2,4-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013				0.27	JN							
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013										0.014	JN	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclopentane, 1,3-dimethyl- (mg/kg)			Cyclopentane, 1-ethyl-2-methyl-, c (mg/kg)			Cyclopentane, methyl- (mg/kg)			Cyclopropane, 1,2-dimethyl-, trans- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	0.094	JN	J				0.41	JN	J			
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclopentane, 1,3-dimethyl- (mg/kg)			Cyclopentane, 1-ethyl-2-methyl-, c (mg/kg)			Cyclopentane, methyl- (mg/kg)			Cyclopropane, 1,2-dimethyl-, trans- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014							61	JN				
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclopentane, 1,3-dimethyl- (mg/kg)			Cyclopentane, 1-ethyl-2-methyl-, c (mg/kg)			Cyclopentane, methyl- (mg/kg)			Cyclopropane, 1,2-dimethyl-, trans- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclopentane, 1,3-dimethyl- (mg/kg)			Cyclopentane, 1-ethyl-2-methyl-, c (mg/kg)			Cyclopentane, methyl- (mg/kg)			Cyclopropane, 1,2-dimethyl-, trans- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclopentane, 1,3-dimethyl- (mg/kg)			Cyclopentane, 1-ethyl-2-methyl-, c (mg/kg)			Cyclopentane, methyl- (mg/kg)			Cyclopropane, 1,2-dimethyl-, trans- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclopentane, 1,3-dimethyl- (mg/kg)			Cyclopentane, 1-ethyl-2-methyl-, c (mg/kg)			Cyclopentane, methyl- (mg/kg)			Cyclopropane, 1,2-dimethyl-, trans- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013							0.081	JN				
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013							0.0077	JN				
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013				0.0065	JN							
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015							0.0072	JN				
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Cyclopentane, 1,3-dimethyl- (mg/kg)**			**Cyclopentane, 1-ethyl-2-methyl-, c (mg/kg)**			**Cyclopentane, methyl- (mg/kg)**			**Cyclopropane, 1,2-dimethyl-, trans- (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013							0.024	JN				
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013							0.0089	JN				
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013										0.017	JN	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013							0.0066	JN				
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013							0.016	JN				
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclopropane, methylmethylene- (mg/kg)			Cyclotetrasiloxane, octamethyl- (mg/kg)			Cyclotrisiloxane, hexamethyl- (mg/kg)			Cymene (p-Isopropyltoluene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008										< 0.00394	U	
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008										< 0.006	U	
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008										< 0.00517	U	
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008										0.0251		J
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008										< 0.005	U	
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008										< 0.00567	U	
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008										< 0.00479	U	
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008										< 0.00591	U	
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008										< 0.00498	U	
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008										< 0.00533	U	
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012										< 0.56	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012										< 0.56	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012										< 0.27	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012										< 0.0052	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012										< 0.0051	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012										1.17	J	
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012										< 0.0056	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012										4.57	J	
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012										0.678		
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012										14.7		
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012										0.441	J	
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012										0.0998	J	
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012										< 0.57	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012										0.0854	J	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012										< 0.57	U	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012										< 0.57	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012										< 0.57	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012										0.731	J	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012										0.0017	J	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012										< 0.0064	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012										< 0.0076	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012										7.17	J	
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012										6.55	J	
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012										0.613	J	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015										0.0035	J	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015										0.0064	J	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015										0.00035	J	
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013										< 0.0059	U	
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013										< 0.006	U	
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013										< 0.0057	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013										< 0.0057	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014										< 0.0057	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014										< 0.72	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014										< 0.64	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014										< 0.0055	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014										< 0.0088	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014										< 0.0059	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014										< 0.0054	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014										< 0.0066	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014										< 0.0058	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011										< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011										< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011										< 0.0079	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011										< 0.0068	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011										< 0.0061	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011										< 0.0057	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011										0.0039	J	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011										< 0.0061	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011										< 0.0063	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011										< 0.0056	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011										< 0.007	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclopropane, methylmethylene- (mg/kg)			Cyclotetrasiloxane, octamethyl- (mg/kg)			Cyclotrisiloxane, hexamethyl- (mg/kg)			Cymene (p-Isopropyltoluene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011										< 0.0068	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011										< 0.0064	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011										< 0.0077	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011										< 0.59	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011										< 1.1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011										< 0.64	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011										< 0.58	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011										< 0.0067	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011										8.48	J	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011										< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011										< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011										< 0.0053	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011										< 0.0054	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011										< 0.006	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011										< 0.0055	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011										< 0.0058	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011										< 0.62	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011										< 0.0066	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014										< 0.87	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014										0.162	J	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014										< 0.0061	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014										0.344	J	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014										< 0.0059	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014										< 0.0059	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014										< 13	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015										< 0.0052	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015										< 0.0059	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015										< 0.0042	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015										< 0.0045	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015										< 0.0046	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015										0.44		
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015							0.0053	T J N		< 0.0048	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015										0.055	J	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011										< 0.0049	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011										< 0.006	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011										< 0.0057	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011										< 0.0061	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011										< 0.007	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015										< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015										< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011										< 0.006	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011										< 0.007	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015										< 0.0053	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015										< 0.0051	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015										< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011										< 0.0055	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011										< 0.0094	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011										< 0.014	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011										< 0.0059	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011										< 0.0066	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011										< 0.006	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011										< 0.0055	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011										< 0.0057	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011										< 0.0056	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015										< 0.0066	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015				0.01	JN		0.019	JN		< 0.0059	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015										< 0.0056	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011										< 0.0069	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011										< 0.007	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011										2.91		
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011										< 0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclopropane, methylmethylene- (mg/kg)			Cyclotetrasiloxane, octamethyl- (mg/kg)			Cyclotrisiloxane, hexamethyl- (mg/kg)			Cymene (p-Isopropyltoluene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011										< 0.0076	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011										0.0566	J	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011										0.0031	J	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012										< 0.0059	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012										< 0.0057	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012										< 0.0056	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013										< 0.0075	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013										< 0.0064	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013										< 0.0061	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012										< 0.0057	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012										< 0.0058	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012										< 0.0071	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012										< 0.0067	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012										< 0.0095	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012										< 0.0053	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012										< 0.0091	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012										3.31		
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012										2.94		
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012										0.0043	J	
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012										< 0.0056	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012										< 0.0052	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012										< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012										< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012										< 0.0055	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012										< 0.0053	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012										< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012										< 0.0054	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012										< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012										< 0.0051	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012										< 0.0057	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012										< 0.0055	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012										< 0.0053	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012										< 0.0053	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013										< 0.0071	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013										9.59	J	
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013										< 0.0078	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013										8.94	J	
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015										< 0.0052	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013										< 0.0062	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013										< 0.0057	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013										< 0.0055	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013										< 0.0056	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013										< 0.0058	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013										< 0.006	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013										< 0.0073	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013										< 0.0064	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013										< 0.0054	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013										< 0.0055	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012										< 0.0058	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012										< 0.61	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012										0.101	J	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012										0.00049	J	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012										1.79		
Public Works	GP-15	GP-15-29	29 ft	12/18/2012										< 0.0055	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012										< 12	U	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012										0.154	J	
Public Works	GP-15	GP-15-47	47 ft	12/18/2012										0.301	J	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012										2.31	J	
Public Works	GP-15	GP-15-74	74 ft	12/21/2012										< 0.57	U	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012										< 0.52	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013										< 0.0065	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclopropane, methylmethylene- (mg/kg)			Cyclotetrasiloxane, octamethyl- (mg/kg)			Cyclotrisiloxane, hexamethyl- (mg/kg)			Cymene (p-Isopropyltoluene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013										< 0.57	U	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013										< 0.52	U	
Public Works	GP-16	GP-16-57	57 ft	1/3/2013										3.09		
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013										3.7		
Public Works	GP-16	GP-16-77	77 ft	1/3/2013										0.0518	J	
Public Works	GP-16	GP-16-91	91 ft	1/7/2013										< 0.0048	U	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013										0.415	J	J
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013										< 7	U	UJ
Public Works	GP-17	GP-17-45	45 ft	1/7/2013										< 4.1	U	UJ
Public Works	GP-17	GP-17-57	57 ft	1/7/2013										< 5.9	U	UJ
Public Works	GP-17	GP-17-65	65 ft	1/7/2013										< 0.39	U	UJ
Public Works	GP-18	GP-18-21	21 ft	1/8/2013										< 1.8	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013										< 5.1	U	UJ
Public Works	GP-18	GP-18-53	53 ft	1/8/2013										< 6.7	U	UJ
Public Works	GP-18	GP-18-63	63 ft	1/8/2013										< 2.6	U	UJ
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009										< 0.004	U	
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009										< 0.004	U	
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009										< 0.004	U	
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008										< 0.00498	U	
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008										< 0.00549	U	
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008										< 0.0055	U	
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011										< 0.01	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011										< 0.0063	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011										< 0.7	U	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011										< 0.28	U	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011										2.72	J	
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011										0.991	J	
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011										0.718	J	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011										0.211	J	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011										0.0795	J	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011										< 0.63	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011										< 2	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011										< 1.3	U	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011										< 0.73	U	
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011										< 6.1	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011										0.581	J	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011										0.252	J	
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011										< 0.0052	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011										0.68	J	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011										< 0.64	U	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009										< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009										< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009										< 0.004	U	
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010										< 0.005	U	
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010										< 0.005	U	
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009										< 0.009	U	
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009										< 0.005	U	
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009										< 0.005	U	
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010										< 0.006	U	
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010										< 0.005	U	
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010										0.006		J
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010										0.029		J
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008										< 0.00501	U	
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008										< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008										< 0.005	U	
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011										< 0.0061	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011										< 33	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011										< 23	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011										< 0.0055	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011										< 0.0062	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011										< 0.0053	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclopropane, methylmethylene- (mg/kg)			Cyclotetrasiloxane, octamethyl- (mg/kg)			Cyclotrisiloxane, hexamethyl- (mg/kg)			Cymene (p-Isopropyltoluene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011										< 3.1	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011										< 2.5	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011										< 0.0054	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014										< 0.0055	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014										< 0.0053	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014										< 0.0054	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011										< 0.0052	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011										< 0.0056	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011										< 0.0054	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012										< 0.0052	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012										< 0.0051	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012										< 0.0053	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012										< 0.0051	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011										< 0.0065	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011										< 0.0065	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011										< 2.2	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009										< 0.005	U	
WRR	GP-7	GP-7-37	3 ft	8/26/2009										0.07	J	J
WRR	GP-7	GP-7-37D	3 ft	8/26/2009										< 0.318	U	UJ
WRR	GP-7	GP-7-41	3 ft	8/26/2009										0.141	J	J
WRR	GP-8	GP-8-13	13 ft	8/26/2009										0.002	J	
WRR	GP-8	GP-8-35	35 ft	8/26/2009										< 0.005	U	
WRR	GP-8	GP-8-47	47 ft	8/26/2009										< 0.006	U	UJ
WRR	GP-8	GP-8-47D	47 ft	8/26/2009										0.049	J	J
WRR	GP-9	GP-9-18	18 ft	8/25/2009										1.51	J	
WRR	GP-9	GP-9-37	37 ft	8/25/2009										0.042		
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013										< 1.1	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013										< 0.49	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013										< 0.52	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013										< 0.011	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013										< 0.0052	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013										< 0.0061	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013										< 0.0057	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013										2.86		
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013										15.8		
WRR	MW-06	B-6-04	4 ft	5/15/2008										< 0.00391	U	
WRR	MW-06	B-6-23	23 ft	5/19/2008										< 0.005	U	
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011										< 0.0064	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011										< 0.0071	U	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011										0.227	J	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011										0.994	J	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011										0.644	J	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011										< 3.4	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011										2.8	J	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011										4.63	J	
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011										0.801	J	
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011										8.13	J	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011										0.261	J	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011										0.622	J	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011										< 0.3	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011										< 0.83	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011										0.0224		
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011										0.322	J	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011										< 0.0057	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011										< 0.0055	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011										< 0.0083	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011										< 0.0054	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011										0.00039	J	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011										< 0.91	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011										< 0.8	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011										< 1	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclopropane, methylmethylene- (mg/kg)			Cyclotetrasiloxane, octamethyl- (mg/kg)			Cyclotrisiloxane, hexamethyl- (mg/kg)			Cymene (p-Isopropyltoluene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011										1.23	J	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011										5.67	J	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011										0.133	J	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011										< 0.0055	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011										0.975		
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011										0.0713	J	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011										< 0.0058	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011										0.0234	J	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013										< 0.8	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	0.0056	JN								0.0013	J	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013										< 0.0058	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013										< 0.0052	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013										< 0.0062	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011										< 0.0061	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011										< 0.0057	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011										< 0.0052	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011										< 0.0061	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011										< 0.0056	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011										0.115		J
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011										1.03	J	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011										1.25	J	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011										< 0.79	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011										0.727	J	
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011										1.38	J	
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011										< 0.0065	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011										< 0.0053	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011										< 0.0058	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011										< 0.0061	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011										< 0.0051	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011										< 0.0058	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015										< 0.0057	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015										< 0.007	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015										< 0.0056	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011										0.731	J	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011										< 0.0059	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011										< 0.6	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011										1.78	J	
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011										1.05	J	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011										1.6	J	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011										0.313	J	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011										0.174	J	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011										< 0.0057	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011										10	J	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011										1.76	J	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011										0.254	J	
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011										2.99	J	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011										< 0.61	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011										< 4.8	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011										< 0.0054	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011										< 1.6	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011										3.36	J	
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011										0.0947	J	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011										0.274	J	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011										2.56	J	
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011										1.39	J	
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011										0.196	J	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011										0.124	J	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011										< 0.0054	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011										< 0.0058	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011										< 0.0065	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011										< 0.0065	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Cyclopropane, methylmethylene- (mg/kg)			Cyclotetrasiloxane, octamethyl- (mg/kg)			Cyclotrisiloxane, hexamethyl- (mg/kg)			Cymene (p-Isopropyltoluene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011										< 0.0069	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011										< 0.0056	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011										< 0.0064	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013										< 0.0064	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013										< 0.0058	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013										< 0.0054	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013										< 0.0063	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013										< 0.0064	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013										< 0.0055	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013										< 0.0063	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013										< 0.0063	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013										< 0.0049	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013										< 0.0057	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013										< 0.006	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013										< 0.0053	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013										< 0.0061	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013										< 0.0058	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013										< 0.0053	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013										< 0.0054	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013										< 0.0048	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Decane, 2,2,7-trimethyl- (mg/Kg)			Decane, 3,3,4-trimethyl- (mg/kg)			Decane, 3,8-dimethyl- (mg/kg)			Decane, 3-methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Decane, 2,2,7-trimethyl- (mg/Kg)			Decane, 3,3,4-trimethyl- (mg/kg)			Decane, 3,8-dimethyl- (mg/kg)			Decane, 3-methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	2.8	T J N										
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Decane, 2,2,7-trimethyl- (mg/Kg)			Decane, 3,3,4-trimethyl- (mg/kg)			Decane, 3,8-dimethyl- (mg/kg)			Decane, 3-methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Decane, 2,2,7-trimethyl- (mg/Kg)			Decane, 3,3,4-trimethyl- (mg/kg)			Decane, 3,8-dimethyl- (mg/kg)			Decane, 3-methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Decane, 2,2,7-trimethyl- (mg/Kg)			Decane, 3,3,4-trimethyl- (mg/kg)			Decane, 3,8-dimethyl- (mg/kg)			Decane, 3-methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	Decane, 2,2,7-trimethyl- (mg/Kg)			Decane, 3,3,4-trimethyl- (mg/kg)			Decane, 3,8-dimethyl- (mg/kg)			Decane, 3-methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013												
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Decane, 2,2,7-trimethyl- (mg/Kg)**			**Decane, 3,3,4-trimethyl- (mg/kg)**			**Decane, 3,8-dimethyl- (mg/kg)**			**Decane, 3-methyl- (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Decane, 4-methyl- (mg/kg)			Dibromomethane (mg/kg)			Dichlorodifluoromethane (mg/kg)			Dichloromethane (Methylene chloride) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008				< 0.00394	U		< 0.00394	U		< 0.0157	U	
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008				< 0.006	U		< 0.006	U		< 0.023	U	
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008				< 0.00517	U		< 0.00517	U		< 0.0207	U	
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008				< 0.006	U		< 0.006	U		< 0.0123	JB	U
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008				< 0.005	U		< 0.005	U		< 0.02	U	
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008				< 0.00567	U		< 0.00567	U		< 0.00922	JB	U
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008				< 0.00479	U		< 0.00479	U		< 0.0192	U	
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008				< 0.00591	U		< 0.00591	U		< 0.0136	JB	U
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008				< 0.00498	U		< 0.00498	U		< 0.0199	U	
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008				< 0.00533	U		< 0.00533	U		< 0.0213	U	
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012				< 0.56	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012				< 0.56	U		< 0.22	U		< 0.22	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012				< 0.27	U		< 0.11	U		< 0.11	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012				< 0.0052	U		< 0.0021	U		< 0.0013	J	U
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012				< 0.0051	U		< 0.0021	U		< 0.0014	J	U
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012				< 3.3	U		< 1.3	U		< 1.3	U	
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012				< 0.0056	U		< 0.0022	U		< 0.0015	J	U
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012				< 7.5	U		< 3	U		< 3	U	
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012				< 0.58	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012				< 13	U		< 5.2	U		< 5.2	U	
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012				< 0.74	U		< 0.29	U		< 0.29	U	
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012				< 0.67	U		< 0.27	U		< 0.27	U	
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012				< 0.57	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012				< 0.62	U		< 0.25	U		< 0.25	U	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012				< 0.57	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012				< 0.57	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012				< 0.57	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012				< 2	U		< 0.81	U		< 0.81	U	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012				< 0.0081	U		< 0.0032	U		< 0.0032	U	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012				< 0.0064	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012				< 0.0076	U		< 0.003	U		< 0.003	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012				< 12	U		< 4.6	U		< 4.6	U	
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012				< 13	U		< 5.1	U		< 5.1	U	
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012				< 0.77	U		< 0.31	U		< 0.31	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015				< 0.0079	U		< 0.0032	U		< 0.0032	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015				< 0.0072	U		< 0.0029	U		< 0.0029	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015				< 0.0045	U		< 0.0018	U		< 0.0018	U	
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013				< 0.0059	U		< 0.0024	U		< 0.0031		U
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013				< 0.006	U		< 0.0024	U		< 0.0037		U
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013				< 0.0057	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013				< 0.0057	U		< 0.0023	U		< 0.0032		U
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014				< 0.0057	U		< 0.0023	U	UJ	< 0.0023	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014				< 0.72	U		< 0.29	U		0.153	J	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014				< 0.64	U		< 0.25	U		0.132	J	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014				< 0.0055	U		< 0.0022	U	UJ	< 0.0022	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014				< 0.0088	U		< 0.0035	U	UJ	< 0.0035	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014				< 0.0059	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014				< 0.0054	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014				< 0.0066	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014				< 0.0058	U	UJ	< 0.0023	U	UJ	< 0.0023	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011				< 0.0063	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011				< 0.0063	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011				< 0.0079	U		< 0.0032	U		< 0.0032	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011				< 0.0068	U		< 0.0027	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011				< 0.0061	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011				< 0.0057	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011				< 0.0064	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011				< 0.0061	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011				< 0.0063	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011				< 0.0056	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011				< 0.007	U		< 0.0028	U		< 0.0028	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Decane, 4-methyl- (mg/kg)			Dibromomethane (mg/kg)			Dichlorodifluoromethane (mg/kg)			Dichloromethane (Methylene chloride) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011				< 0.0068	U		< 0.0027	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011				< 0.0064	U		< 0.0025	U		< 0.008		U
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011				< 0.0077	U		< 0.0031	U		< 0.0031	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011				< 0.59	U		< 0.24	U		< 0.3		U
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011				< 1.1	U		< 0.45	U		< 0.45	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011				< 0.64	U		< 0.26	U		< 0.472		U
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011				< 0.58	U		< 0.23	U		< 0.36		U
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011				< 0.0067	U		< 0.0027	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011				< 15	U		< 6.1	U	UJ	< 3	J	U
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011				< 0.0059	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011				< 0.0059	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011				< 0.0053	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011				< 0.0054	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011				< 0.006	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011				< 0.0055	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011				< 0.0058	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011				< 0.62	U		< 0.25	U		< 0.25	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011				< 0.0066	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014				< 0.87	U		< 0.35	U		< 0.35	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	2.1	JN		< 0.71	U		< 0.28	U	UJ	< 0.28	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014				< 0.0061	U		< 0.0024	U	UJ	< 0.0024	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014				< 0.64	U		< 0.26	U		< 0.26	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014				< 0.0059	U	UJ	< 0.0024	U	UJ	< 0.0024	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014				< 0.0059	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				< 13	U		< 5.3	U		< 5.3	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015				< 0.0052	U		< 0.0052	U		< 0.016	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015				< 0.0059	U		< 0.0059	U		< 0.018	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015				< 0.0042	U		< 0.0042	U		< 0.013	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015				< 0.0045	U		< 0.0045	U		< 0.014	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015				< 0.0046	U		< 0.0046	U		< 0.014	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015				< 0.22	U		< 0.22	U		< 0.67	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015				< 0.0048	U		< 0.0048	U		< 0.014	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015				< 0.26	U		< 0.26	U		< 0.78	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011				< 0.0049	U		< 0.002	U		< 0.002	U	UJ
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011				< 0.006	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011				< 0.0057	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011				< 0.0061	U		< 0.0025	U		< 0.0025	U	UJ
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011				< 0.007	U		< 0.0028	U		< 0.0028	U	UJ
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015				< 0.0051	U		< 0.0051	U		< 0.015	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015				< 0.0051	U		< 0.0051	U		< 0.015	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011				< 0.006	U		< 0.0024	U		< 0.0024	U	UJ
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011				< 0.007	U		< 0.0028	U		< 0.0028	U	UJ
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015				< 0.0053	U		< 0.0053	U		< 0.016	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015				< 0.0051	U		< 0.0051	U		< 0.015	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015				< 0.0056	U		< 0.0056	U		< 0.017	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011				< 0.0055	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011				< 0.0094	U		< 0.0038	U		< 0.0038	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011				< 0.014	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011				< 0.0059	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011				< 0.0066	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011				< 0.006	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011				< 0.0055	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011				< 0.0057	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011				< 0.0056	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015				< 0.0066	U		< 0.0026	U	UJ	< 0.0026	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015				< 0.0059	U		< 0.0024	U	UJ	< 0.0024	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015				< 0.0056	U		< 0.0022	U	UJ	< 0.0022	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011				< 0.0069	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011				< 0.007	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011				< 2.9	U		< 1.2	U		< 1.2	U	
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011				< 0.0064	U		< 0.0025	U		< 0.0025	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Decane, 4-methyl- (mg/kg)			Dibromomethane (mg/kg)			Dichlorodifluoromethane (mg/kg)			Dichloromethane (Methylene chloride) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011				< 0.0076	U		< 0.003	U		< 0.003	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011				< 0.86	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011				< 0.0077	U		< 0.0031	U		< 0.0031	U	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012				< 0.0059	U		< 0.0023	U		< 0.0015	J	U
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012				< 0.0057	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012				< 0.0056	U		< 0.0022	U		< 0.0014	J	U
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013				< 0.0075	U		< 0.003	U		< 0.003	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013				< 0.0064	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013				< 0.0061	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012				< 0.0057	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012				< 0.0058	U		< 0.0023	U		< 0.0014	J	U
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012				< 0.0071	U		< 0.0029	U		< 0.0017	J	U
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012				< 0.0067	U	UJ	< 0.0027	U	UJ	< 0.0027	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012				< 0.0095	U		< 0.0038	U		< 0.0038	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012				< 0.0053	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012				< 0.0091	U		< 0.0036	U		< 0.0036	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012				< 3	U		< 1.2	U		< 1.2	U	
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012				< 2.7	U		< 1.1	U		< 1.1	U	
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012				< 0.0048	U		< 0.0019	U		< 0.0019	U	
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012				< 0.0056	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012				< 0.0052	U		< 0.0021	U		< 0.0012	J	U
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012				< 0.0054	U		< 0.0022	U		< 0.0013	J	U
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012				< 0.0054	U		< 0.0022	U		< 0.0013	J	U
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012				< 0.0055	U		< 0.0022	U		< 0.0016	J	U
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012				< 0.0053	U		< 0.0021	U		< 0.0014	J	U
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012				< 0.0052	U		< 0.0021	U		< 0.0013	J	U
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012				< 0.0054	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012				< 0.0052	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012				< 0.0051	U		< 0.002	U		< 0.002	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012				< 0.0057	U		< 0.0023	U		< 0.0015	J	U
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012				< 0.0055	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012				< 0.0053	U		< 0.0021	U		< 0.0014	J	U
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012				< 0.0053	U		< 0.0021	U		< 0.0014	J	U
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013				< 0.0071	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013				< 37	U		< 15	U	UJ	< 15	U	
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013				< 0.0078	U		< 0.0031	U		< 0.0031	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013				< 31	U		< 12	U	UJ	< 12	U	
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015				< 0.0052	U		< 0.0052	U		< 0.015	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013				< 0.0062	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013				< 0.0057	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013				< 0.0055	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013				< 0.0056	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013				< 0.0058	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013				< 0.006	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013				< 0.0073	U		< 0.0029	U		< 0.0029	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013				< 0.0064	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013				< 0.0054	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013				< 0.0055	U		< 0.0022	U		< 0.0022	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012				< 0.0058	U		< 0.0023	U		< 0.0023	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012				< 0.61	U		< 0.24	U		< 0.24	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012				< 0.61	U		< 0.24	U		< 0.24	U	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012				< 0.0049	U		< 0.002	U		< 0.002	U	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012				< 1.2	U		< 0.5	U		< 0.5	U	
Public Works	GP-15	GP-15-29	29 ft	12/18/2012				< 0.0055	U		< 0.0022	U		< 0.0022	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012				< 12	U		< 4.9	U		< 4.9	U	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012				< 0.55	U		< 0.22	U		< 0.22	U	
Public Works	GP-15	GP-15-47	47 ft	12/18/2012				< 3	U		< 1.2	U		< 1.2	U	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012				< 5	U		< 2	U		< 2	U	
Public Works	GP-15	GP-15-74	74 ft	12/21/2012				< 0.57	U		< 0.23	U		< 0.23	U	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012				< 0.52	U		< 0.21	U		< 0.21	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013				< 0.0065	U		< 0.0026	U		< 0.0026	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Decane, 4-methyl- (mg/kg)			Dibromomethane (mg/kg)			Dichlorodifluoromethane (mg/kg)			Dichloromethane (Methylene chloride) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013				< 0.57	U		< 0.23	U		< 0.23	U	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013				< 0.52	U		< 0.21	U		< 0.21	U	
Public Works	GP-16	GP-16-57	57 ft	1/3/2013				< 0.52	U		< 0.21	U		< 0.21	U	
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013				< 0.59	U		< 0.24	U		< 0.24	U	
Public Works	GP-16	GP-16-77	77 ft	1/3/2013				< 0.49	U		< 0.19	U		< 0.19	U	
Public Works	GP-16	GP-16-91	91 ft	1/7/2013				< 0.0048	U		< 0.0019	U		< 0.0011	JB	U
Public Works	GP-17	GP-17-15	15 ft	1/7/2013				< 2.7	U	UJ	< 1.1	U	UJ	< 1.1	U	
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013				< 7	U	UJ	< 2.8	U	UJ	< 2.8	U	
Public Works	GP-17	GP-17-45	45 ft	1/7/2013				< 4.1	U	UJ	< 1.6	U	UJ	< 1.6	U	
Public Works	GP-17	GP-17-57	57 ft	1/7/2013				< 5.9	U	UJ	< 2.4	U	UJ	< 2.4	U	
Public Works	GP-17	GP-17-65	65 ft	1/7/2013				< 0.39	U	UJ	< 0.16	U	UJ	< 0.16	U	
Public Works	GP-18	GP-18-21	21 ft	1/8/2013				< 1.8	U	UJ	< 0.72	U	UJ	< 0.72	U	
Public Works	GP-18	GP-18-37	37 ft	1/8/2013				< 5.1	U	UJ	< 2	U	UJ	< 2	U	
Public Works	GP-18	GP-18-53	53 ft	1/8/2013				< 6.7	U	UJ	< 2.7	U	UJ	< 2.7	U	
Public Works	GP-18	GP-18-63	63 ft	1/8/2013				< 2.6	U	UJ	< 1.1	U	UJ	< 1.1	U	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009				< 0.004	U		< 0.004	U		< 0.017	U	
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009				< 0.004	U		< 0.004	U		< 0.018	U	
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009				< 0.004	U		< 0.004	U		< 0.016	U	
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008				< 0.00498	U		< 0.00498	U		< 0.0199	U	
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008				< 0.00549	U		< 0.00549	U		< 0.0109	JB	U
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008				< 0.0055	U		< 0.0055	U		< 0.00605	JB	U
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011				< 0.01	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011				< 0.0063	U		< 0.0025	U		< 0.0025	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011				< 0.7	U		< 0.28	U		< 0.191	J	U
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011				< 0.28	U		< 0.11	U		< 0.102	J	U
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011				< 13	U		< 5.2	U		< 3.97	J	U
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011				< 3.6	U		< 1.5	U		< 1.22	J	U
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011				< 1.5	U		< 0.6	U		< 0.6	U	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011				< 2.8	U		< 1.1	U		< 1.1	U	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011				< 0.46	U		< 0.18	U		< 0.18	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011				< 0.63	U		< 0.25	U	UJ	< 0.238	J	U
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011				< 2	U		< 0.81	U	UJ	< 0.81	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011				< 1.3	U		< 0.51	U	UJ	< 0.496	J	U
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011				< 0.73	U		< 0.29	U	UJ	< 0.334		U
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011				< 6.1	U		< 2.4	U		< 2.4	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011				< 2.6	U		< 1	U		< 1	U	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011				< 1.9	U		< 0.76	U		< 0.76	U	
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011				< 0.0052	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011				< 2	U		< 0.78	U	UJ	< 0.49	J	U
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011				< 0.64	U		< 0.26	U	UJ	< 0.215	J	U
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009				< 0.005	U		< 0.005	U		< 0.021	U	
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009				< 0.005	U		< 0.005	U		< 0.021	U	
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009				< 0.004	U		< 0.004	U		< 0.018	U	
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010				< 0.005	U		< 0.005	U		< 0.022	U	
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010				< 0.005	U		< 0.005	U		< 0.02	U	
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009				< 0.009	U		< 0.009	U		< 0.035	U	
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009				< 0.005	U		< 0.005	U		< 0.019	U	
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009				< 0.005	U		< 0.005	U		< 0.02	U	
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010				< 0.006	U		< 0.006	U		< 0.025	U	
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010				< 0.005	U		< 0.005	U		< 0.02	U	
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010				< 0.004	U		< 0.004	U		< 0.015	U	
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010				< 0.005	U		< 0.005	U		< 0.019	U	
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008				< 0.00501	U		< 0.00501	U		< 0.02	U	
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008				< 0.005	U		< 0.005	U		< 0.021	U	
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008				< 0.005	U		< 0.005	U		< 0.02	U	
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011				< 0.0061	U		< 0.0024	U		< 0.0024	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011				< 33	U		< 13	U		< 13	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011				< 23	U		< 9.2	U		< 9.2	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011				< 0.0055	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011				< 0.0062	U		< 0.0025	U		< 0.0025	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011				< 0.0053	U		< 0.0021	U		< 0.0021	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Decane, 4-methyl- (mg/kg)			Dibromomethane (mg/kg)			Dichlorodifluoromethane (mg/kg)			Dichloromethane (Methylene chloride) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011				< 3.1	U		< 1.2	U		< 1.2	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011				< 2.5	U		< 1	U		< 1	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011				< 0.0054	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014				< 0.0055	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014				< 0.0053	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014				< 0.0054	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011				< 0.0052	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011				< 0.0056	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011				< 0.0054	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012				< 0.0052	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012				< 0.0051	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012				< 0.0053	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012				< 0.0051	U		< 0.0021	U		< 0.0021	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011				< 0.0065	U		< 0.0026	U		< 0.0026	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011				< 0.0065	U		< 0.0026	U		< 0.0026	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011				< 2.2	U		< 0.89	U	UJ	< 0.796	J	U
WRR	GP-7	GP-7-25	3 ft	8/26/2009				< 0.005	U		< 0.005	U		< 0.02	U	
WRR	GP-7	GP-7-37	3 ft	8/26/2009				< 0.341	U	UJ	< 0.341	U	UJ	< 1.36	U	UJ
WRR	GP-7	GP-7-37D	3 ft	8/26/2009				< 0.318	U	UJ	< 0.318	U	UJ	< 1.27	U	UJ
WRR	GP-7	GP-7-41	3 ft	8/26/2009				< 0.657	U	UJ	< 0.657	U	UJ	< 2.63	U	UJ
WRR	GP-8	GP-8-13	13 ft	8/26/2009				< 0.005	U		< 0.005	U		< 0.019	U	
WRR	GP-8	GP-8-35	35 ft	8/26/2009				< 0.005	U		< 0.005	U		< 0.018	U	
WRR	GP-8	GP-8-47	47 ft	8/26/2009				< 0.006	U		< 0.006	U		< 0.023	U	
WRR	GP-8	GP-8-47D	47 ft	8/26/2009				< 0.235	U		< 0.235	U		< 0.938	U	
WRR	GP-9	GP-9-18	18 ft	8/25/2009				< 5.07	U		< 5.07	U		< 14.7	J	U
WRR	GP-9	GP-9-37	37 ft	8/25/2009				< 0.006	U		< 0.006	U		< 0.024	U	
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013				< 1.1	U		< 0.45	U		< 0.45	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013				< 0.49	U		< 0.2	U		< 0.2	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013				< 0.52	U		< 0.21	U		< 0.21	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013				< 0.011	U		< 0.0043	U		< 0.0057	B	U
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013				< 0.0052	U		< 0.0021	U		< 0.0032	B	U
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013				< 0.0061	U		< 0.0024	U		< 0.0033	B	U
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013				< 0.0057	U		< 0.0023	U		< 0.0037	B	U
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013				< 1	U		< 0.4	U		< 0.4	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013				< 4.9	U		< 2	U		< 2	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008				< 0.00391	U		< 0.00391	U		< 0.0156	U	
WRR	MW-06	B-6-23	23 ft	5/19/2008				< 0.005	U		< 0.005	U		< 0.02	U	
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011				< 0.0064	U		< 0.0026	U		< 0.0026	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011				< 0.0071	U		< 0.0029	U		< 0.0029	U	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011				< 0.65	U		< 0.26	U	UJ	< 0.295	B	U
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011				< 3.1	U		< 1.2	U	UJ	< 1.25	B	U
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011				< 3	U		< 1.2	U	UJ	< 1.26	B	U
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011				< 3.4	U		< 1.4	U		< 1.4	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011				< 12	U		< 5	U		< 5	U	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011				< 7.9	U		< 3.1	U		< 3.1	U	
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011				< 1.4	U		< 0.57	U		< 0.57	U	
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011				< 15	U		< 6	U		< 6	U	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011				< 0.72	U		< 0.29	U		< 0.29	U	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011				< 6.2	U		< 2.5	U		< 2.5	U	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011				< 0.3	U		< 0.12	U		< 0.12	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011				< 0.83	U		< 0.33	U		< 0.33	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011				< 0.0058	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011				< 1.2	U		< 0.46	U		< 0.46	U	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011				< 0.0057	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011				< 0.0055	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011				< 0.0083	U		< 0.0033	U		< 0.0033	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011				< 0.0054	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011				< 0.0056	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011				< 0.91	U		< 0.37	U		< 0.37	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011				< 0.8	U		< 0.32	U		< 0.32	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011				< 1	U		< 0.41	U		< 0.41	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Decane, 4-methyl- (mg/kg)			Dibromomethane (mg/kg)			Dichlorodifluoromethane (mg/kg)			Dichloromethane (Methylene chloride) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011				< 6.8	U		< 2.7	U		< 2.7	U	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011				< 15	U		< 6	U		< 6	U	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011				< 0.94	U		< 0.38	U		< 0.38	U	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011				< 0.0055	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011				< 0.6	U		< 0.24	U		< 0.24	U	
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011				< 0.61	U		< 0.25	U		< 0.25	U	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011				< 0.0058	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011				< 0.6	U		< 0.24	U		< 0.24	U	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013				< 0.8	U		< 0.32	U		< 0.32	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013				< 0.006	U		< 0.0024	U		< 0.0024	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013				< 0.0058	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013				< 0.0052	U		< 0.0021	U		< 0.0021	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013				< 0.0062	U		< 0.0025	U		< 0.0025	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011				< 0.0061	U		< 0.0024	U		< 0.0024	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011				< 0.0057	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011				< 0.0052	U		< 0.0021	U		< 0.0021	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011				< 0.0061	U		< 0.0025	U		< 0.0025	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011				< 0.0056	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011				< 0.0055	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011				< 1.4	U		< 0.56	U	UJ	< 0.56	U	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011				< 1.5	U		< 0.6	U	UJ	< 0.6	U	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011				< 0.79	U		< 0.32	U		< 0.32	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011				< 1.2	U		< 0.47	U	UJ	< 0.552	B	U
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011				< 5.6	U		< 2.2	U	UJ	< 2.55	B	U
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011				< 0.0065	U		< 0.0026	U		< 0.0026	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011				< 0.0053	U		< 0.0021	U		< 0.0021	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011				< 0.0058	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 0.0061	U		< 0.0024	U		< 0.0024	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 0.0051	U		< 0.002	U		< 0.002	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.0058	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015				< 0.0057	U		< 0.0023	U	UJ	< 0.0023	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015				< 0.007	U		< 0.0028	U	UJ	< 0.0028	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015				< 0.0056	U		< 0.0023	U	UJ	< 0.0023	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 1.3	U		< 0.52	U		< 0.52	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 0.0059	U		< 0.0024	U		< 0.0024	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.6	U		< 0.24	U		< 0.24	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011				< 6.2	U		< 2.5	U		< 2.5	U	
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011				< 1.6	U		< 0.63	U		< 0.63	U	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 3.1	U		< 1.2	U		< 1.2	U	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011				< 1.4	U		< 0.56	U		< 0.56	U	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 2.9	U		< 1.2	U		< 1.2	U	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.0057	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 140	U		< 55	U		< 55	U	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 25	U		< 10	U		< 10	U	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011				< 0.6	U		< 0.24	U		< 0.136	J	U
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011				< 8.4	U		< 3.4	U		< 3.4	U	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011				< 0.61	U		< 0.24	U		< 0.24	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011				< 4.8	U		< 1.9	U		< 1.9	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011				< 0.0054	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011				< 1.6	U		< 0.64	U	UJ	< 0.64	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011				< 6.3	U		< 2.5	U		< 2.5	U	
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011				< 0.54	U		< 0.22	U		< 0.22	U	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011				< 0.62	U		< 0.25	U		< 0.25	U	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011				< 3	U		< 1.2	U		< 1.2	U	
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011				< 2.2	U		< 0.89	U	UJ	< 0.89	U	
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 2.5	U		< 1	U		< 1	U	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011				< 1.2	U		< 0.48	U		< 0.296	J	U
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 0.0054	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011				< 0.0058	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011				< 0.0065	U		< 0.0026	U		< 0.0026	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011				< 0.0065	U		< 0.0026	U		< 0.0026	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Decane, 4-methyl- (mg/kg)			Dibromomethane (mg/kg)			Dichlorodifluoromethane (mg/kg)			Dichloromethane (Methylene chloride) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 0.0069	U		< 0.0028	U		< 0.0028	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 0.0056	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011				< 0.0064	U		< 0.0026	U		< 0.0026	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013				< 0.0064	U		< 0.0026	U		< 0.0025	J	U
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013				< 0.0058	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013				< 0.0054	U		< 0.0021	U		< 0.002	J	U
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013				< 0.0063	U		< 0.0025	U		< 0.0025	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.0064	U		< 0.0025	U		< 0.0029		U
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013				< 0.0055	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.0063	U		< 0.0025	U		< 0.0048		U
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013				< 0.0063	U		< 0.0025	U		< 0.0025	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013				< 0.0049	U		< 0.002	U		< 0.002	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013				< 0.0057	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013				< 0.006	U		< 0.0024	U		< 0.0024	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013				< 0.0053	U		< 0.0021	U		< 0.0021	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.0061	U		< 0.0024	U		< 0.0024	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.0058	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013				< 0.0053	U		< 0.0021	U		< 0.0021	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013				< 0.0054	U		< 0.0022	U		< 0.0019	J	U
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013				< 0.0048	U		< 0.0019	U		< 0.0021		U

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Dimethyl Sulfoxide (mg/kg)			Dodecane (mg/kg)			Ethanone, 1-(2-methylphenyl)- (mg/kg)			Ethyl methacrylate (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012										< 0.56	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012										< 0.56	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012										< 0.27	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012										< 0.0052	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012										< 0.0051	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012										< 3.3	U	
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012										< 0.0056	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012										< 7.5	U	
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012										< 0.58	U	
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012										< 13	U	
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012										< 0.74	U	
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012										< 0.67	U	
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012										< 0.57	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012										< 0.62	U	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012										< 0.57	U	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012										< 0.57	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012										< 0.57	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012										< 2	U	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012										< 0.0081	U	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012										< 0.0064	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012										< 0.0076	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012										< 12	U	
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012										< 13	U	
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012										< 0.77	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015										< 0.0079	U	UJ
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015										< 0.0072	U	UJ
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015										< 0.0045	U	UJ
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013										< 0.0059	U	
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013										< 0.006	U	
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013										< 0.0057	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013										< 0.0057	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014										< 0.0057	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014										< 0.72	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014										< 0.64	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014										< 0.0055	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014										< 0.0088	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014										< 0.0059	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014										< 0.0054	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014										< 0.0066	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014										< 0.0058	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011										< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011										< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011										< 0.0079	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011										< 0.0068	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011										< 0.0061	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011										< 0.0057	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011										< 0.0064	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011										< 0.0061	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011										< 0.0063	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011										< 0.0056	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011										< 0.007	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Dimethyl Sulfoxide (mg/kg)			Dodecane (mg/kg)			Ethanone, 1-(2-methylphenyl)- (mg/kg)			Ethyl methacrylate (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011										< 0.0068	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011										< 0.0064	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011										< 0.0077	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011										< 0.59	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011										< 1.1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011										< 0.64	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011										< 0.58	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011										< 0.0067	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011										< 15	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011										< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011										< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011										< 0.0053	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011										< 0.0054	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011										< 0.006	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011										< 0.0055	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011										< 0.0058	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011										< 0.62	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011										< 0.0066	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014				4.5	JN					< 0.87	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014										< 0.71	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014										< 0.0061	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014										< 0.64	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014										< 0.0059	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014										< 0.0059	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014										< 13	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015										< 0.0052	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015										< 0.0059	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015										< 0.0042	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015										< 0.0045	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015										< 0.0046	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015										< 0.22	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015										< 0.0048	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015										< 0.26	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011										< 0.0049	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011										< 0.006	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011										< 0.0057	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011										< 0.0061	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011										< 0.007	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015										< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015										< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011										< 0.006	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011										< 0.007	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015										< 0.0053	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015										< 0.0051	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015										< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011										< 0.0055	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011										< 0.0094	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011										< 0.014	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011										< 0.0059	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011										< 0.0066	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011										< 0.006	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011										< 0.0055	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011										< 0.0057	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011										< 0.0056	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015										< 0.0066	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015										< 0.0059	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015										< 0.0056	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011										< 0.0069	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011										< 0.007	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011										< 2.9	U	
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011										< 0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Dimethyl Sulfoxide (mg/kg)			Dodecane (mg/kg)			Ethanone, 1-(2-methylphenyl)- (mg/kg)			Ethyl methacrylate (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011										< 0.0076	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011										< 0.86	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011										< 0.0077	U	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012										< 0.0059	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012										< 0.0057	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012										< 0.0056	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013										< 0.0075	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013										< 0.0064	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013										< 0.0061	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012										< 0.0057	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012										< 0.0058	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012										< 0.0071	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012										< 0.0067	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012										< 0.0095	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012										< 0.0053	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012										< 0.0091	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012										< 3	U	
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012										< 2.7	U	
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012										< 0.0048	U	
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012										< 0.0056	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012										< 0.0052	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012										< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012										< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012										< 0.0055	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012										< 0.0053	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012										< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012										< 0.0054	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012										< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012										< 0.0051	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012										< 0.0057	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012										< 0.0055	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012										< 0.0053	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012										< 0.0053	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013										< 0.0071	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013										< 37	U	
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013										< 0.0078	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013										< 31	U	
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015										< 0.0052	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013										< 0.0062	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013										< 0.0057	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013										< 0.0055	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013										< 0.0056	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013										< 0.0058	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013										< 0.006	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013										< 0.0073	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013										< 0.0064	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013										< 0.0054	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013										< 0.0055	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012										< 0.0058	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012										< 0.61	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012										< 0.61	U	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012										< 0.0049	U	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012										< 1.2	U	
Public Works	GP-15	GP-15-29	29 ft	12/18/2012										< 0.0055	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012										< 12	U	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012										< 0.55	U	
Public Works	GP-15	GP-15-47	47 ft	12/18/2012										< 3	U	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012										< 5	U	
Public Works	GP-15	GP-15-74	74 ft	12/21/2012										< 0.57	U	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012										< 0.52	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013										< 0.0065	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Dimethyl Sulfoxide (mg/kg)			Dodecane (mg/kg)			Ethanone, 1-(2-methylphenyl)- (mg/kg)			Ethyl methacrylate (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013										< 0.57	U	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013										< 0.52	U	
Public Works	GP-16	GP-16-57	57 ft	1/3/2013										< 0.52	U	
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013										< 0.59	U	
Public Works	GP-16	GP-16-77	77 ft	1/3/2013										< 0.49	U	
Public Works	GP-16	GP-16-91	91 ft	1/7/2013										< 0.0048	U	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013										< 2.7	U	UJ
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013										< 7	U	UJ
Public Works	GP-17	GP-17-45	45 ft	1/7/2013										< 4.1	U	UJ
Public Works	GP-17	GP-17-57	57 ft	1/7/2013										< 5.9	U	UJ
Public Works	GP-17	GP-17-65	65 ft	1/7/2013										< 0.39	U	UJ
Public Works	GP-18	GP-18-21	21 ft	1/8/2013										< 1.8	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013										< 5.1	U	UJ
Public Works	GP-18	GP-18-53	53 ft	1/8/2013										< 6.7	U	UJ
Public Works	GP-18	GP-18-63	63 ft	1/8/2013										< 2.6	U	UJ
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011										< 0.01	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011										< 0.0063	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011										< 0.7	U	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011										< 0.28	U	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011										< 13	U	
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011										< 3.6	U	
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011										< 1.5	U	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011										< 2.8	U	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011										< 0.46	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011										< 0.63	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011										< 2	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011										< 1.3	U	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011										< 0.73	U	
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011										< 6.1	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011										< 2.6	U	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011										< 1.9	U	
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011										< 0.0052	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011										< 2	U	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011										< 0.64	U	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011										< 0.0061	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011										< 33	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011										< 23	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011										< 0.0055	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011										< 0.0062	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011										< 0.0053	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Dimethyl Sulfoxide (mg/kg)			Dodecane (mg/kg)			Ethanone, 1-(2-methylphenyl)- (mg/kg)			Ethyl methacrylate (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011										< 3.1	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011										< 2.5	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011										< 0.0054	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014										< 0.0055	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014										< 0.0053	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014										< 0.0054	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011										< 0.0052	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011										< 0.0056	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011										< 0.0054	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012										< 0.0052	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012										< 0.0051	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012										< 0.0053	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012										< 0.0051	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011										< 0.0065	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011										< 0.0065	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011										< 2.2	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013										< 1.1	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013										< 0.49	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013										< 0.52	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013										< 0.011	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013										< 0.0052	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013										< 0.0061	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013										< 0.0057	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013										< 1	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013										< 4.9	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011										< 0.0064	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011										< 0.0071	U	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011										< 0.65	U	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011										< 3.1	U	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011										< 3	U	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011										< 3.4	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011										< 12	U	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011										< 7.9	U	
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011										< 1.4	U	
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011										< 15	U	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011										< 0.72	U	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011										< 6.2	U	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011										< 0.3	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011										< 0.83	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011										< 0.0058	U	
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011										< 1.2	U	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011										< 0.0057	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011										< 0.0055	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011										< 0.0083	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011										< 0.0054	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011										< 0.0056	U	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011										< 0.91	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011										< 0.8	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011										< 1	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Dimethyl Sulfoxide (mg/kg)			Dodecane (mg/kg)			Ethanone, 1-(2-methylphenyl)- (mg/kg)			Ethyl methacrylate (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011										< 6.8	U	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011										< 15	U	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011										< 0.94	U	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011										< 0.0055	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011										< 0.6	U	
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011										< 0.61	U	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011										< 0.0058	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011										< 0.6	U	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	2.1	JN								< 0.8	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013										< 0.006	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013										< 0.0058	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013										< 0.0052	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013										< 0.0062	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011										< 0.0061	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011										< 0.0057	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011										< 0.0052	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011										< 0.0061	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011										< 0.0056	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011										< 0.0055	U	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011										< 1.4	U	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011										< 1.5	U	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011										< 0.79	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011										< 1.2	U	
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011										< 5.6	U	
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011										< 0.0065	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011										< 0.0053	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011										< 0.0058	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011										< 0.0061	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011										< 0.0051	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011										< 0.0058	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015										< 0.0057	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015										< 0.007	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015										< 0.0056	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011										< 1.3	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011										< 0.0059	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011										< 0.6	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011										< 6.2	U	
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011										< 1.6	U	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011										< 3.1	U	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011										< 1.4	U	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011										< 2.9	U	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011										< 0.0057	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011										< 140	U	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011										< 25	U	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011										< 0.6	U	
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011										< 8.4	U	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011										< 0.61	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011										< 4.8	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011										< 0.0054	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011										< 1.6	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011										< 6.3	U	
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011										< 0.54	U	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011										< 0.62	U	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011										< 3	U	
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011										< 2.2	U	
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011										< 2.5	U	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011										< 1.2	U	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011										< 0.0054	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011										< 0.0058	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011										< 0.0065	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011										< 0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Dimethyl Sulfoxide (mg/kg)**			**Dodecane (mg/kg)**			**Ethanone, 1-(2-methylphenyl)- (mg/kg)**			**Ethyl methacrylate (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011										< 0.0069	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011										< 0.0056	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011										< 0.0064	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013										< 0.0064	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013										< 0.0058	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013										< 0.0054	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013										< 0.0063	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013										< 0.0064	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013										< 0.0055	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013										< 0.0063	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013										< 0.0063	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013										< 0.0049	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013										< 0.0057	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013										< 0.006	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013										< 0.0053	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013										< 0.0061	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013										< 0.0058	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013										< 0.0053	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013										< 0.0054	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013										< 0.0048	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Ethylbenzene (mg/kg)			Heptafluorobutyric acid, n-pentyl ester (mg/kg)			Heptane (mg/kg)			Heptane, 2,3,4-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008	< 0.00394	U										
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008	0.00208	J										
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008	< 0.00517	U										
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008	4.39	D										
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008	< 0.005	U										
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008	< 0.00567	U										
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008	< 0.00479	U										
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008	< 0.00591	U										
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008	< 0.00498	U										
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008	< 0.00533	U										
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012	0.032	J	J									
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012	< 0.22	U										
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012	< 0.11	U										
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012	< 0.0021	U										
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012	< 0.0021	U										
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012	11.8											
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012	< 0.0022	U										
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012	290											
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012	9.62											
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012	198											
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012	3.5											
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012	1.95											
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012	0.0367	J										
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012	< 0.25	U										
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012	0.0345	J										
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012	< 0.23	U										
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012	< 0.23	U										
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012	< 0.81	U										
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012	0.0076											
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012	0.0105											
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012	0.0107											
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012	354											
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012	329											
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012	0.521											
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	0.0025	J										
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	0.004											
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.0018	U										
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013	< 0.0024	U										
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013	0.0023	J										
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013	0.0021	J										
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013	0.0013	J										
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.0023	U										
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.29	U										
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.25	U										
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	0.00083	J										
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	0.0014	J										
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	0.0019	J										
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	0.001	J										
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	0.0012	J										
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	0.0011	J	J									
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	0.007											
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	0.0036											
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	0.0088											
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	0.0079											
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	0.0035											
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	0.0059											
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	0.0057											
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	0.0089											
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	0.003											
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	0.0034											
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	0.0121											

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Ethylbenzene (mg/kg)			Heptafluorobutyric acid, n-pentyl ester (mg/kg)			Heptane (mg/kg)			Heptane, 2,3,4-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	0.0116											
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.0025	U										
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	0.0036											
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.24	U										
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.45	U										
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.26	U										
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.23	U										
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	0.0023	J										
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	233											
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	0.0023	J										
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.0024	U										
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	0.005											
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	0.0039											
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	0.0054											
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.0022	U										
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	0.00035	J										
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011	< 0.25	U										
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.0026	U										
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	1.38											
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.28	U										
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	0.0016	J										
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	21.4											
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	0.002	J										
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	0.0016	J										
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	155						49	JN				
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0052	U										
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	0.0058	J										
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0042	U										
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.0045	U										
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0046	U										
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.22	U										
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	0.0017	J										
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	0.033	J										
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.002	U										
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	0.0018	J										
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.0023	U										
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	0.0048											
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.0028	U										
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0051	U										
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0051	U										
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	0.0097		J									
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	0.0034											
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	0.0039	J										
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	0.0033	J										
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	0.0026	J										
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011	0.0034											
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011	< 0.0038	U										
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011	< 0.0056	U										
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011	< 0.0024	U										
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0026	U										
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011	< 0.0024	U										
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011	0.0047											
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011	0.0031											
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011	0.0501											
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	0.00078	J										
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.0024	U										
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	0.0019	J										
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011	0.0041											
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011	0.0042											
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011	7.86											
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011	< 0.0025	U										

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Ethylbenzene (mg/kg)			Heptafluorobutyric acid, n-pentyl ester (mg/kg)			Heptane (mg/kg)			Heptane, 2,3,4-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011	0.0028	J										
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011	< 0.35	U										
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011	0.0031											
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012	0.0066											
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012	0.0066											
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012	0.0016	J										
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013	0.0062											
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013	0.0036											
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013	0.0015	J										
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012	0.003											
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012	0.0029											
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012	0.0048											
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012	< 0.0027	U	UJ									
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012	0.0062											
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012	0.0065											
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012	0.0054											
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012	45.8											
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012	50.8											
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012	0.0427											
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012	0.0017	J										
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012	0.0021											
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012	0.0022											
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012	< 0.0022	U										
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012	< 0.0022	U										
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012	< 0.0021	U										
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012	< 0.0021	U										
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012	0.0022											
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012	0.0018	J										
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012	0.0019	J										
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012	< 0.0023	U										
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012	< 0.0022	U										
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012	0.0013	J										
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012	0.0015	J										
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013	< 0.0028	U										
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013	876											
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013	< 0.0031	U										
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013	766											
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0052	U										
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	0.0049											
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	0.0022	J										
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	0.00055	J										
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	0.0044											
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	0.002	J										
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.0024	U										
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	0.0026	J										
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	0.0029											
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	0.00081	J										
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	0.0009	J										
Public Works	GP-14	GP-14-13	13 ft	12/18/2012	< 0.0023	U										
Public Works	GP-14	GP-14-33	33 ft	12/18/2012	< 0.24	U										
Public Works	GP-14	GP-14-39	39 ft	12/18/2012	0.111	J										
Public Works	GP-14	GP-14-45	45 ft	12/18/2012	0.0032											
Public Works	GP-15	GP-15-19	19 ft	12/18/2012	0.669											
Public Works	GP-15	GP-15-29	29 ft	12/18/2012	0.00064	J										
Public Works	GP-15	GP-15-37	37 ft	12/18/2012	4.56	J										
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012	5.28											
Public Works	GP-15	GP-15-47	47 ft	12/18/2012	1.71											
Public Works	GP-15	GP-15-55	55 ft	12/18/2012	111											
Public Works	GP-15	GP-15-74	74 ft	12/21/2012	0.151	J										
Public Works	GP-15	GP-15-89	89 ft	12/21/2012	< 0.21	U										
Public Works	GP-16	GP-16-23	23 ft	1/3/2013	0.0022	J										

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Ethylbenzene (mg/kg)			Heptafluorobutyric acid, n-pentyl ester (mg/kg)			Heptane (mg/kg)			Heptane, 2,3,4-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013	0.177	J										
Public Works	GP-16	GP-16-51	51 ft	1/3/2013	0.298											
Public Works	GP-16	GP-16-57	57 ft	1/3/2013	33.1		J									
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013	21.5		J									
Public Works	GP-16	GP-16-77	77 ft	1/3/2013	0.814											
Public Works	GP-16	GP-16-91	91 ft	1/7/2013	0.0045											
Public Works	GP-17	GP-17-15	15 ft	1/7/2013	1.69		J									
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013	3.04		J									
Public Works	GP-17	GP-17-45	45 ft	1/7/2013	1.45	J	J									
Public Works	GP-17	GP-17-57	57 ft	1/7/2013	0.569	J	J									
Public Works	GP-17	GP-17-65	65 ft	1/7/2013	0.41		J									
Public Works	GP-18	GP-18-21	21 ft	1/8/2013	< 0.72	U	UJ									
Public Works	GP-18	GP-18-37	37 ft	1/8/2013	1.13	J	J									
Public Works	GP-18	GP-18-53	53 ft	1/8/2013	< 2.7	U	UJ									
Public Works	GP-18	GP-18-63	63 ft	1/8/2013	0.243	J	J									
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009	< 0.004	U										
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009	< 0.004	U										
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009	< 0.004	U										
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008	< 0.00498	U										
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008	0.00132	J										
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008	< 0.0055	U										
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011	0.0078											
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011	0.0068											
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011	0.254	J										
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011	< 0.11	U										
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011	< 5.2	U										
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011	0.376	J										
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011	0.0865	J										
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011	0.266	J										
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011	< 0.18	U										
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011	< 0.25	U										
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011	< 0.81	U										
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011	0.176	J										
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011	0.0565	J										
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011	< 2.4	U										
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011	< 1	U										
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011	3.53											
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011	< 0.0021	U										
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011	< 0.78	U										
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011	0.13	J										
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009	< 0.005	U										
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009	< 0.005	U										
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009	< 0.004	U										
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010	< 0.005	U										
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010	< 0.005	U										
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009	0.002	J										
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009	< 0.005	U										
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009	< 0.005	U										
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010	< 0.006	U										
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010	< 0.005	U										
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010	0.002	J	J									
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010	0.012		J									
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008	< 0.00501	U										
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008	< 0.005	U										
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008	< 0.005	U										
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011	0.0033											
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011	< 13	U										
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011	< 9.2	U										
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0022	U										
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0025	U										
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011	< 0.0021	U										

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Ethylbenzene (mg/kg)			Heptafluorobutyric acid, n-pentyl ester (mg/kg)			Heptane (mg/kg)			Heptane, 2,3,4-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011	< 1.2	U										
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011	< 1	U										
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011	< 0.0022	U										
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0022	U										
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.0021	U										
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0022	U										
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011	< 0.0021	U										
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011	< 0.0022	U										
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011	< 0.0022	U										
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012	< 0.0021	U										
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012	< 0.0021	U										
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012	< 0.0021	U										
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012	0.0011	J										
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011	0.0008	J										
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011	0.0031											
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011	< 0.89	U										
WRR	GP-7	GP-7-25	3 ft	8/26/2009	0.002	J										
WRR	GP-7	GP-7-37	3 ft	8/26/2009	5.37		J									
WRR	GP-7	GP-7-37D	3 ft	8/26/2009	4.75		J									
WRR	GP-7	GP-7-41	3 ft	8/26/2009	12.8		J									
WRR	GP-8	GP-8-13	13 ft	8/26/2009	0.005											
WRR	GP-8	GP-8-35	35 ft	8/26/2009	0.007											
WRR	GP-8	GP-8-47	47 ft	8/26/2009	0.002	J	J									
WRR	GP-8	GP-8-47D	47 ft	8/26/2009	1.88		J									
WRR	GP-9	GP-9-18	18 ft	8/25/2009	60.6											
WRR	GP-9	GP-9-37	37 ft	8/25/2009	0.241											
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.45	U										
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.2	U										
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.21	U										
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	0.0111											
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	0.0021											
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	0.0064											
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	0.003											
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.4	U										
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	40.2											
WRR	MW-06	B-6-04	4 ft	5/15/2008	< 0.00391	U										
WRR	MW-06	B-6-23	23 ft	5/19/2008	< 0.005	U										
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011	0.006											
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011	0.0186											
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011	1.48											
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011	54.5		J									
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011	31.5		J									
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011	12.4		J									
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011	74.7		J									
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011	55.1											
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011	1.68											
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011	103											
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011	1.35											
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011	< 2.5	U										
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011	< 0.12	U										
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011	< 0.33	U										
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011	< 0.0023	U										
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011	1.09											
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011	< 0.0023	U										
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.0022	U										
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011	0.0012	J										
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011	0.0011	J										
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011	0.0023											
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011	< 0.37	U										
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011	< 0.32	U										
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011	0.334	J										

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Ethylbenzene (mg/kg)			Heptafluorobutyric acid, n-pentyl ester (mg/kg)			Heptane (mg/kg)			Heptane, 2,3,4-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011	25.6											
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011	514											
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011	0.349	J										
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011	0.0022											
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011	17.6											
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011	0.161	J										
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.0023	U										
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011	< 0.24	U										
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.32	U										
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	0.0143											
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	0.0053											
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	0.0028											
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	0.0026		J	0.0079	JN							
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011	0.0029											
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011	0.0059											
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011	0.0058											
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011	0.0086											
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011	0.0028											
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011	0.0066		J									
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011	0.609											
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011	0.608											
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.32	U										
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011	3.71											
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011	61.3											
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011	0.0011	J										
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011	< 0.0021	U										
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011	0.0007	J										
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011	0.0127											
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011	0.0133		J									
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011	0.0065											
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	0.005											
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	0.004											
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	0.0013	J										
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011	0.692											
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011	0.0269											
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011	0.175	J										
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011	95.7											
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011	0.161	J										
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 1.2	U										
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011	< 0.56	U										
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011	1.09	J										
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011	0.0118											
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011	205											
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011	2.87	J										
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011	3.46											
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011	33.2											
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011	< 0.24	U										
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011	43.7											
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011	< 0.0022	U										
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011	< 0.64	U										
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011	107											
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011	0.299											
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011	1.25											
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011	26.7											
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011	28.4											
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 1	U										
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011	< 0.48	U										
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011	0.0055											
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011	0.0036											
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011	0.0134		J									
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011	0.0127											

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Ethylbenzene (mg/kg)**			**Heptafluorobutyric acid, n-pentyl ester (mg/kg)**			**Heptane (mg/kg)**			**Heptane, 2,3,4-trimethyl- (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011	0.0165		J									
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011	0.0056											
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011	0.0447		J									
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	0.0092											
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	0.0011	J										
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.0021	U										
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	0.0058											
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	0.001	J										
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.0022	U										
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	0.0013	J										
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	0.0059											
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.002	U										
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	0.0011	J										
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	0.0068											
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	0.0055											
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	0.0017	J										
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	0.0018	J										
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	0.0017	J										
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	0.0022											
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.0019	U										

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Heptane, 2-methyl- (mg/kg)			Heptane, 3-methyl- (mg/Kg)			Heptane, 4-methyl- (mg/kg)			Hexachlorobutadiene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008										< 0.00394	U	
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008										< 0.006	U	
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008										< 0.00517	U	
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008										< 0.006	U	
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008										< 0.005	U	
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008										< 0.00567	U	
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008										< 0.00479	U	
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008										< 0.00591	U	
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008										< 0.00498	U	
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008										< 0.00533	U	
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012										< 0.56	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012										< 0.56	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012										< 0.27	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012										< 0.0052	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012										< 0.0051	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012										< 3.3	U	
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012										< 0.0056	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012										< 7.5	U	
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012										0.121	J	
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012										< 13	U	
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012										< 0.74	U	
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012										< 0.67	U	
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012										< 0.57	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012										< 0.62	U	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012										< 0.57	U	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012										< 0.57	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012										< 0.57	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012										< 2	U	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012										< 0.0081	U	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012										< 0.0064	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012										< 0.0076	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012										< 12	U	
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012										< 13	U	
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012										< 0.77	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015										< 0.0079	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015										< 0.0072	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015										< 0.0045	U	
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013										< 0.0059	U	
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013										< 0.006	U	
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013										< 0.0057	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013										< 0.0057	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014										< 0.0057	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014										< 0.72	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014										< 0.64	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014										< 0.0055	U	UJ
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014										< 0.0088	U	UJ
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014										< 0.0059	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014										< 0.0054	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014										< 0.0066	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014										< 0.0058	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011										< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011										< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011										< 0.0079	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011										< 0.0068	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011										< 0.0061	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011										< 0.0057	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011										0.0036	J	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011										< 0.0061	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011										< 0.0063	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011										< 0.0056	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011										< 0.007	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Heptane, 2-methyl- (mg/kg)			Heptane, 3-methyl- (mg/Kg)			Heptane, 4-methyl- (mg/kg)			Hexachlorobutadiene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011										< 0.0068	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011										< 0.0064	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011										< 0.0077	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011										< 0.59	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011										< 1.1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011										< 0.64	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011										< 0.58	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011										< 0.0067	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011										< 15	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011										< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011										< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011										< 0.0053	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011										< 0.0054	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011										< 0.006	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011										< 0.0055	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011										< 0.0058	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011										< 0.62	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011										< 0.0066	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014										< 0.87	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014							2.2	JN		< 0.71	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014										< 0.0061	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014										< 0.64	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014										< 0.0059	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014										< 0.0059	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014										< 13	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015										< 0.0052	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015										< 0.0059	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015										< 0.0042	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015										< 0.0045	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015										< 0.0046	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015				8	T J N					< 0.22	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015										< 0.0048	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015										< 0.26	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011										< 0.0049	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011										< 0.006	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011										< 0.0057	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011										< 0.0061	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011										< 0.007	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015										< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015										< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011										< 0.006	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011										< 0.007	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015										< 0.0053	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015										< 0.0051	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015										< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011										< 0.0055	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011										< 0.0094	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011										< 0.014	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011										< 0.0059	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011										< 0.0066	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011										< 0.006	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011										< 0.0055	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011										< 0.0057	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011										< 0.0056	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015										< 0.0066	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015										< 0.0059	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015										< 0.0056	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011										< 0.0069	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011										< 0.007	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011										< 2.9	U	
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011										< 0.0064	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Heptane, 2-methyl- (mg/kg)			Heptane, 3-methyl- (mg/Kg)			Heptane, 4-methyl- (mg/kg)			Hexachlorobutadiene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011										< 0.0076	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011										< 0.86	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011										< 0.0077	U	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012										< 0.0059	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012										< 0.0057	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012										< 0.0056	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013										< 0.0075	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013										< 0.0064	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013										< 0.0061	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012										< 0.0057	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012										< 0.0058	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012										< 0.0071	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012										< 0.0067	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012										< 0.0095	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012										< 0.0053	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012										< 0.0091	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012										< 3	U	
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012										< 2.7	U	
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012										< 0.0048	U	
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012										< 0.0056	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012										< 0.0052	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012										< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012										< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012										< 0.0055	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012										< 0.0053	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012										< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012										< 0.0054	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012										< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012										< 0.0051	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012										< 0.0057	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012										< 0.0055	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012										< 0.0053	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012										< 0.0053	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013										< 0.0071	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013										< 37	U	
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013										< 0.0078	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013										< 31	U	
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015										< 0.0052	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013										< 0.0062	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013										< 0.0057	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013										< 0.0055	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013										< 0.0056	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013										< 0.0058	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013										< 0.006	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013										< 0.0073	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013										< 0.0064	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013										< 0.0054	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013										< 0.0055	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012										< 0.0058	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012										< 0.61	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012										< 0.61	U	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012										< 0.0049	U	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012										< 1.2	U	
Public Works	GP-15	GP-15-29	29 ft	12/18/2012										< 0.0055	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012										< 12	U	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012										< 0.55	U	
Public Works	GP-15	GP-15-47	47 ft	12/18/2012										< 3	U	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012										< 5	U	
Public Works	GP-15	GP-15-74	74 ft	12/21/2012										< 0.57	U	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012										< 0.52	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013										< 0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Heptane, 2-methyl- (mg/kg)**			**Heptane, 3-methyl- (mg/Kg)**			**Heptane, 4-methyl- (mg/kg)**			**Hexachlorobutadiene (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013										< 0.57	U	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013										< 0.52	U	
Public Works	GP-16	GP-16-57	57 ft	1/3/2013										< 0.52	U	
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013										< 0.59	U	
Public Works	GP-16	GP-16-77	77 ft	1/3/2013										< 0.49	U	
Public Works	GP-16	GP-16-91	91 ft	1/7/2013										< 0.0048	U	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013										< 2.7	U	UJ
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013										< 7	U	UJ
Public Works	GP-17	GP-17-45	45 ft	1/7/2013										< 4.1	U	UJ
Public Works	GP-17	GP-17-57	57 ft	1/7/2013										< 5.9	U	UJ
Public Works	GP-17	GP-17-65	65 ft	1/7/2013										< 0.39	U	UJ
Public Works	GP-18	GP-18-21	21 ft	1/8/2013										< 1.8	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013										< 5.1	U	UJ
Public Works	GP-18	GP-18-53	53 ft	1/8/2013										< 6.7	U	UJ
Public Works	GP-18	GP-18-63	63 ft	1/8/2013										< 2.6	U	UJ
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009										< 0.004	U	
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009										< 0.004	U	
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009										< 0.004	U	
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008										< 0.00498	U	
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008										< 0.00549	U	
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008										< 0.0055	U	
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011										< 0.01	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011										< 0.0063	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011										< 0.7	U	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011										< 0.28	U	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011										< 13	U	
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011										< 3.6	U	
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011										< 1.5	U	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011										< 2.8	U	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011										< 0.46	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011										< 0.63	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011										< 2	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011										< 1.3	U	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011										< 0.73	U	
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011										< 6.1	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011										< 2.6	U	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011										< 1.9	U	
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011										< 0.0052	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011										< 2	U	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011										< 0.64	U	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009										< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009										< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009										< 0.004	U	
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010										< 0.005	U	
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010										< 0.005	U	
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009										< 0.009	U	
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009										< 0.005	U	
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009										< 0.005	U	
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010										< 0.006	U	
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010										< 0.005	U	
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010										< 0.004	U	
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010										< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008										< 0.00501	U	
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008										< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008										< 0.005	U	
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011										< 0.0061	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011										< 33	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011										< 23	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011										< 0.0055	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011										< 0.0062	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011										< 0.0053	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Heptane, 2-methyl- (mg/kg)			Heptane, 3-methyl- (mg/Kg)			Heptane, 4-methyl- (mg/kg)			Hexachlorobutadiene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011										< 3.1	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011										< 2.5	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011										< 0.0054	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014										< 0.0055	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014										< 0.0053	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014										< 0.0054	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011										< 0.0052	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011										< 0.0056	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011										< 0.0054	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012										< 0.0052	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012										< 0.0051	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012										< 0.0053	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012										< 0.0051	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011										< 0.0065	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011										< 0.0065	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011										< 2.2	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009										< 0.005	U	
WRR	GP-7	GP-7-37	3 ft	8/26/2009										< 0.341	U	UJ
WRR	GP-7	GP-7-37D	3 ft	8/26/2009										< 0.318	U	UJ
WRR	GP-7	GP-7-41	3 ft	8/26/2009										< 0.657	U	UJ
WRR	GP-8	GP-8-13	13 ft	8/26/2009										< 0.005	U	
WRR	GP-8	GP-8-35	35 ft	8/26/2009										< 0.005	U	
WRR	GP-8	GP-8-47	47 ft	8/26/2009										< 0.006	U	
WRR	GP-8	GP-8-47D	47 ft	8/26/2009										< 0.235	U	
WRR	GP-9	GP-9-18	18 ft	8/25/2009										< 5.07	U	
WRR	GP-9	GP-9-37	37 ft	8/25/2009										< 0.006	U	
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013										< 1.1	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013										< 0.49	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013										< 0.52	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013										< 0.011	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013										< 0.0052	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013										< 0.0061	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013										< 0.0057	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013										< 1	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013										< 4.9	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008										< 0.00391	U	
WRR	MW-06	B-6-23	23 ft	5/19/2008										< 0.005	U	
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011										< 0.0064	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011										< 0.0071	U	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011										< 0.65	U	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011										< 3.1	U	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011										< 3	U	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011										< 3.4	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011										< 12	U	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011										< 7.9	U	
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011										< 1.4	U	
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011										< 15	U	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011										< 0.72	U	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011										< 6.2	U	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011										< 0.3	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011										< 0.83	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011										< 0.0058	U	
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011										< 1.2	U	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011										< 0.0057	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011										< 0.0055	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011										< 0.0083	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011										< 0.0054	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011										< 0.0056	U	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011										< 0.91	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011										< 0.8	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011										< 1	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	Heptane, 2-methyl- (mg/kg)			Heptane, 3-methyl- (mg/Kg)			Heptane, 4-methyl- (mg/kg)			Hexachlorobutadiene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011										< 6.8	U	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011										< 15	U	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011										< 0.94	U	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011										< 0.0055	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011										< 0.6	U	
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011										< 0.61	U	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011										< 0.0058	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011										< 0.6	U	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013										< 0.8	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013										< 0.006	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	0.0082	JN								< 0.0058	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013										< 0.0052	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013										< 0.0062	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011										< 0.0061	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011										< 0.0057	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011										< 0.0052	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011										< 0.0061	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011										< 0.0056	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011										< 0.0055	U	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011										< 1.4	U	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011										< 1.5	U	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011										< 0.79	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011										< 1.2	U	
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011										< 5.6	U	
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011										< 0.0065	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011										< 0.0053	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011										< 0.0058	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011										< 0.0061	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011										< 0.0051	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011										< 0.0058	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015										< 0.0057	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015										< 0.007	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015										< 0.0056	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011										< 1.3	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011										< 0.0059	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011										< 0.6	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011										< 6.2	U	
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011										< 1.6	U	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011										< 3.1	U	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011										< 1.4	U	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011										< 2.9	U	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011										< 0.0057	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011										< 140	U	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011										< 25	U	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011										< 0.6	U	
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011										< 8.4	U	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011										< 0.61	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011										< 4.8	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011										< 0.0054	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011										< 1.6	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011										< 6.3	U	
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011										< 0.54	U	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011										< 0.62	U	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011										< 3	U	
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011										< 2.2	U	
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011										< 2.5	U	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011										< 1.2	U	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011										< 0.0054	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011										< 0.0058	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011										< 0.0065	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011										< 0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Heptane, 2-methyl- (mg/kg)**			**Heptane, 3-methyl- (mg/Kg)**			**Heptane, 4-methyl- (mg/kg)**			**Hexachlorobutadiene (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011										< 0.0069	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011										< 0.0056	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011										< 0.0064	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013							0.01	JN		< 0.0064	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013										< 0.0058	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013										< 0.0054	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013										< 0.0063	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013										< 0.0064	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013										< 0.0055	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013							0.029	JN		< 0.0063	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013										< 0.0063	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013							0.0076	JN		< 0.0049	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013										< 0.0057	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013										< 0.006	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013										< 0.0053	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013										< 0.0061	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013										< 0.0058	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013										< 0.0053	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013										< 0.0054	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013										< 0.0048	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexanal (mg/Kg)			Hexane (mg/kg)			Hexane, 2,2,3-trimethyl- (mg/kg)			Hexane, 2,2,4-trimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014							0.48	JN	J			
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexanal (mg/Kg)			Hexane (mg/kg)			Hexane, 2,2,3-trimethyl- (mg/kg)			Hexane, 2,2,4-trimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				54	JN							
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	0.0052	T J N										
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015										12	T J N	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexanal (mg/Kg)			Hexane (mg/kg)			Hexane, 2,2,3-trimethyl- (mg/kg)			Hexane, 2,2,4-trimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexanal (mg/Kg)			Hexane (mg/kg)			Hexane, 2,2,3-trimethyl- (mg/kg)			Hexane, 2,2,4-trimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexanal (mg/Kg)			Hexane (mg/kg)			Hexane, 2,2,3-trimethyl- (mg/kg)			Hexane, 2,2,4-trimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexanal (mg/Kg)			Hexane (mg/kg)			Hexane, 2,2,3-trimethyl- (mg/kg)			Hexane, 2,2,4-trimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013				0.044	JN							
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013				0.011	JN							
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013				0.0084	JN		0.019	JN				
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexanal (mg/Kg)			Hexane (mg/kg)			Hexane, 2,2,3-trimethyl- (mg/kg)			Hexane, 2,2,4-trimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013				0.015	JN							
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013				0.0078	JN							
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013				0.0084	JN							
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013				0.011	JN							
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013							0.0094	JN				
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013				0.012	JN							
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013				0.011	JN							
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013				0.01	JN							
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013				0.018	JN							
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013				0.0079	JN							
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexane, 2,2,5,5-tetramethyl- (mg/kg)			Hexane, 2,2,5-trimethyl- (mg/kg)			Hexane, 2,2-dimethyl- (mg/kg)			Hexane, 2,4-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexane, 2,2,5,5-tetramethyl- (mg/kg)			Hexane, 2,2,5-trimethyl- (mg/kg)			Hexane, 2,2-dimethyl- (mg/kg)			Hexane, 2,4-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	1.6	JN										
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014				6.2	JN					7.8	JN	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexane, 2,2,5,5-tetramethyl- (mg/kg)			Hexane, 2,2,5-trimethyl- (mg/kg)			Hexane, 2,2-dimethyl- (mg/kg)			Hexane, 2,4-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013				0.0082	JN							
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexane, 2,2,5,5-tetramethyl- (mg/kg)			Hexane, 2,2,5-trimethyl- (mg/kg)			Hexane, 2,2-dimethyl- (mg/kg)			Hexane, 2,4-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexane, 2,2,5,5-tetramethyl- (mg/kg)			Hexane, 2,2,5-trimethyl- (mg/kg)			Hexane, 2,2-dimethyl- (mg/kg)			Hexane, 2,4-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexane, 2,2,5,5-tetramethyl- (mg/kg)			Hexane, 2,2,5-trimethyl- (mg/kg)			Hexane, 2,2-dimethyl- (mg/kg)			Hexane, 2,4-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	0.0067	JN										
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Hexane, 2,2,5,5-tetramethyl- (mg/kg)**			**Hexane, 2,2,5-trimethyl- (mg/kg)**			**Hexane, 2,2-dimethyl- (mg/kg)**			**Hexane, 2,4-dimethyl- (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013							0.022	JN				
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013							0.017	JN				
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexane, 2,5-dimethyl- (mg/kg)			Hexane, 2-methyl- (mg/kg)			Hexane, 3-methyl- (mg/kg)			Hexenal, 2-ethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexane, 2,5-dimethyl- (mg/kg)			Hexane, 2-methyl- (mg/kg)			Hexane, 3-methyl- (mg/kg)			Hexenal, 2-ethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	11	JN										
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				49	JN		48	JN				
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexane, 2,5-dimethyl- (mg/kg)			Hexane, 2-methyl- (mg/kg)			Hexane, 3-methyl- (mg/kg)			Hexenal, 2-ethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013										0.0056	JN	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexane, 2,5-dimethyl- (mg/kg)			Hexane, 2-methyl- (mg/kg)			Hexane, 3-methyl- (mg/kg)			Hexenal, 2-ethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Hexane, 2,5-dimethyl- (mg/kg)**			**Hexane, 2-methyl- (mg/kg)**			**Hexane, 3-methyl- (mg/kg)**			**Hexenal, 2-ethyl- (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	Hexane, 2,5-dimethyl- (mg/kg)			Hexane, 2-methyl- (mg/kg)			Hexane, 3-methyl- (mg/kg)			Hexenal, 2-ethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013				0.05	JN							
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013				0.0071	JN							
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013				0.0075	JN							
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Hexane, 2,5-dimethyl- (mg/kg)			Hexane, 2-methyl- (mg/kg)			Hexane, 3-methyl- (mg/kg)			Hexenal, 2-ethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013				0.0063	JN							
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Iodomethane (mg/kg)			Isobutane (mg/kg)			Isopentane (mg/kg)			Isopropylbenzene (Cumene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008										< 0.00394	U	
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008										< 0.006	U	
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008										< 0.00517	U	
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008										0.115		J
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008										< 0.005	U	
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008										< 0.00567	U	
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008										< 0.00479	U	
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008										< 0.00591	U	
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008										< 0.00498	U	
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008										< 0.00533	U	
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012										< 0.56	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012										< 0.56	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012										< 0.27	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012										< 0.0052	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012										< 0.0051	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012										8.44		
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012										< 0.0056	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012										30.7		
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012										1.2		
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012										31.6		
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012										1.54		
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012										0.239	J	
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012										< 0.57	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012										0.11	J	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012										0.0314	J	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012										< 0.57	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012										< 0.57	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012										0.718	J	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012										0.0186		
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012										< 0.0064	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012										< 0.0076	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012										32.4		
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012										28.8		
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012										0.13	J	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015										0.0022	J	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015										0.0036	J	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015										< 0.0045	U	
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013										< 0.0059	U	
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013										< 0.006	U	
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013										< 0.0057	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013										< 0.0057	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014				0.016	JN		0.014	JN		< 0.0057	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014										< 0.72	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014										< 0.64	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014				0.031	JN		0.021	JN		< 0.0055	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014							0.019	JN		< 0.0088	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014										< 0.0059	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014										< 0.0054	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014				0.036	JN		0.43	JN		< 0.0066	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014				0.083	JN	J	1.4	JN	J	< 0.0058	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011										< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011										< 0.0063	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011										< 0.0079	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011										< 0.0068	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011										< 0.0061	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011										< 0.0057	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011										0.0022	J	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011										< 0.0061	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011										< 0.0063	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011										< 0.0056	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011										< 0.007	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Iodomethane (mg/kg)			Isobutane (mg/kg)			Isopentane (mg/kg)			Isopropylbenzene (Cumene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011										< 0.0068	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011										< 0.0064	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011										< 0.0077	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011										< 0.59	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011										< 1.1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011										< 0.64	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011										< 0.58	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011										< 0.0067	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011										24.1		
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011										< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011										< 0.0059	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011										< 0.0053	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011										< 0.0054	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011										< 0.006	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011										< 0.0055	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011										< 0.0058	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011										< 0.62	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011										< 0.0066	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014										0.455	J	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014										0.307	J	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014				0.012	JN		0.013	JN		< 0.0061	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014										2.08		
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014										< 0.0059	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014										< 0.0059	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014										13.6		
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015										< 0.0052	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015							0.01	T J N		< 0.0059	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015										< 0.0042	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015										< 0.0045	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015										< 0.0046	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015										0.74		
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015										< 0.0048	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015										< 0.26	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011										0.0013	J	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011										0.0119		
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011										< 0.0057	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011										< 0.0061	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011										< 0.007	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015										< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015										< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011										< 0.006	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011										< 0.007	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015							0.0073	T J N		< 0.0053	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015							0.0058	T J N		< 0.0051	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015							0.0063	T J N		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011										< 0.0055	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011										< 0.0094	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011										< 0.014	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011										< 0.0059	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011										< 0.0066	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011										< 0.006	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011										< 0.0055	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011										< 0.0057	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011										0.003	J	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015							0.011	JN		< 0.0066	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015										< 0.0059	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015							0.021	JN		< 0.0056	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011										< 0.0069	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011										< 0.007	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011										8.57		
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011										< 0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Iodomethane (mg/kg)			Isobutane (mg/kg)			Isopentane (mg/kg)			Isopropylbenzene (Cumene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011										< 0.0076	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011										0.106	J	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011										0.0038	J	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012										< 0.0059	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012										< 0.0057	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012										< 0.0056	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013										< 0.0075	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013										< 0.0064	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013										< 0.0061	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012										< 0.0057	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012										< 0.0058	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012										< 0.0071	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012										< 0.0067	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012										< 0.0095	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012										0.00078	J	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012										< 0.0091	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012										9.4		
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012										9.63		
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012										0.0102		
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012										< 0.0056	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012										< 0.0052	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012										< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012										< 0.0054	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012										< 0.0055	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012										< 0.0053	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012										< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012										< 0.0054	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012										< 0.0052	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012										< 0.0051	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012										< 0.0057	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012										< 0.0055	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012										< 0.0053	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012										< 0.0053	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013										< 0.0071	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013										55.7		
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013										< 0.0078	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013										50.7		
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015										< 0.0052	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013							0.02	JN		< 0.0062	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013										< 0.0057	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013							0.0088	JN		< 0.0055	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013							0.017	JN		< 0.0056	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013							0.0078	JN		< 0.0058	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013										< 0.006	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013							0.013	JN		0.00048	J	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013							0.012	JN		< 0.0064	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013							0.0094	JN		< 0.0054	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013							0.012	JN		< 0.0055	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012										< 0.0058	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012										< 0.61	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012										0.395	J	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012										0.0061		
Public Works	GP-15	GP-15-19	19 ft	12/18/2012										1.13	J	
Public Works	GP-15	GP-15-29	29 ft	12/18/2012										< 0.0055	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012										< 12	U	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012										0.438	J	
Public Works	GP-15	GP-15-47	47 ft	12/18/2012										< 3	U	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012										6.99		
Public Works	GP-15	GP-15-74	74 ft	12/21/2012										< 0.57	U	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012										< 0.52	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013										< 0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Iodomethane (mg/kg)			Isobutane (mg/kg)			Isopentane (mg/kg)			Isopropylbenzene (Cumene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013										< 0.57	U	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013										0.0508	J	
Public Works	GP-16	GP-16-57	57 ft	1/3/2013										10.4		J
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013										12.7		J
Public Works	GP-16	GP-16-77	77 ft	1/3/2013										0.128	J	
Public Works	GP-16	GP-16-91	91 ft	1/7/2013										0.00039	J	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013										0.269	J	J
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013										< 7	U	UJ
Public Works	GP-17	GP-17-45	45 ft	1/7/2013										< 4.1	U	UJ
Public Works	GP-17	GP-17-57	57 ft	1/7/2013										< 5.9	U	UJ
Public Works	GP-17	GP-17-65	65 ft	1/7/2013										0.0402	J	J
Public Works	GP-18	GP-18-21	21 ft	1/8/2013										< 1.8	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013										0.368	J	J
Public Works	GP-18	GP-18-53	53 ft	1/8/2013										< 6.7	U	UJ
Public Works	GP-18	GP-18-63	63 ft	1/8/2013										0.296	J	J
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009										< 0.004	U	
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009										< 0.004	U	
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009										< 0.004	U	
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008										< 0.00498	U	
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008										< 0.00549	U	
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008										< 0.0055	U	
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011										< 0.01	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011										< 0.0063	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011										< 0.7	U	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011										< 0.28	U	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011										8.54	J	J
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011										0.617	J	J
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011										0.277	J	J
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011										0.15	J	J
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011										< 0.46	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011										< 0.63	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011										1	J	J
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011										0.507	J	J
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011										0.0854	J	J
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011										3.16	J	J
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011										4		J
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011										0.586	J	J
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011										< 0.0052	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011										< 2	U	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011										0.0801	J	J
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009										< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009										< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009										< 0.004	U	
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010										< 0.005	U	
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010										< 0.005	U	
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009										< 0.009	U	
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009										< 0.005	U	
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009										< 0.005	U	
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010										< 0.006	U	
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010										< 0.005	U	
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010										0.036		J
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010										0.207	J	J
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008										< 0.00501	U	
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008										< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008										< 0.005	U	
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011										< 0.0061	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011										< 33	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011										< 23	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011										< 0.0055	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011										< 0.0062	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011										< 0.0053	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Iodomethane (mg/kg)			Isobutane (mg/kg)			Isopentane (mg/kg)			Isopropylbenzene (Cumene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011										< 3.1	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011										< 2.5	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011										< 0.0054	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014										< 0.0055	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014										< 0.0053	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014										< 0.0054	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011										< 0.0052	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011										< 0.0056	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011										< 0.0054	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012										< 0.0052	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012										< 0.0051	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012										< 0.0053	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012										0.0011	J	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011										< 0.0065	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011										0.0016	J	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011										0.206	J	J
WRR	GP-7	GP-7-25	3 ft	8/26/2009										< 0.005	U	
WRR	GP-7	GP-7-37	3 ft	8/26/2009										0.504		J
WRR	GP-7	GP-7-37D	3 ft	8/26/2009										0.442		J
WRR	GP-7	GP-7-41	3 ft	8/26/2009										0.878		J
WRR	GP-8	GP-8-13	13 ft	8/26/2009										0.003	J	
WRR	GP-8	GP-8-35	35 ft	8/26/2009										< 0.005	U	
WRR	GP-8	GP-8-47	47 ft	8/26/2009										< 0.006	U	UJ
WRR	GP-8	GP-8-47D	47 ft	8/26/2009										0.228	J	J
WRR	GP-9	GP-9-18	18 ft	8/25/2009										7.07		
WRR	GP-9	GP-9-37	37 ft	8/25/2009										0.059		
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013										0.553	J	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013										1.03		
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013										1.35		
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013										< 0.011	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013										< 0.0052	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013										< 0.0061	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013										< 0.0057	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013										9.66		
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013										22.6		
WRR	MW-06	B-6-04	4 ft	5/15/2008										< 0.00391	U	
WRR	MW-06	B-6-23	23 ft	5/19/2008										< 0.005	U	
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011										< 0.0064	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011										0.0068	J	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011										0.532	J	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011										5.55		
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011										3.03		
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011										3.28	J	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011										14.1		
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011										19.6		
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011										2.85		
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011										13	J	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011										1.06		
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011										2.23	J	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011										< 0.3	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011										< 0.83	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011										0.0839		
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011										0.318	J	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011										< 0.0057	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011										0.00097	J	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011										< 0.0083	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011										< 0.0054	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011										0.001	J	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011										< 0.91	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011										0.0728	J	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011										0.116	J	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Iodomethane (mg/kg)			Isobutane (mg/kg)			Isopentane (mg/kg)			Isopropylbenzene (Cumene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011										4.34	J	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011										40.4		
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011										0.205	J	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011										0.00064	J	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011										2.23		J
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011										0.242	J	J
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011										< 0.0058	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011										0.0832	J	J
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013							3	JN		< 0.8	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013							0.19	JN		0.0035	J	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013							0.026	JN		0.00037	J	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013							0.045	JN		< 0.0052	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013							0.015	JN		< 0.0062	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011										< 0.0061	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011										< 0.0057	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011										< 0.0052	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011										< 0.0061	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011										< 0.0056	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011										0.104	J	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011										7.16		
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011										7.81		
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011										< 0.79	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011										2.05		
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011										8.27		
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011										< 0.0065	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011										< 0.0053	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011										< 0.0058	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011										< 0.0061	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011										0.0051		J
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011										< 0.0058	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015							0.058	JN		< 0.0057	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015							0.039	JN		< 0.007	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015							0.021	JN		< 0.0056	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011										1.73		
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011										0.0028	J	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011										0.0461	J	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011										9.17		
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011										1.81		
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011										2.5	J	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011										0.497	J	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011										0.38	J	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011										< 0.0057	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011										20	J	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011										12.2	J	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011										0.718		
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011										8.14	J	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011										< 0.61	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011										< 4.8	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011										< 0.0054	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011										0.51	J	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011										12.8		
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011										0.124	J	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011										0.451	J	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011										6.05		
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011										4.05		
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011										0.701	J	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011										0.419	J	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011										0.0029	J	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011										< 0.0058	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011										0.0017	J	J
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011										0.002	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Iodomethane (mg/kg)			Isobutane (mg/kg)			Isopentane (mg/kg)			Isopropylbenzene (Cumene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011										0.0022	J	J
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011										< 0.0056	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011										0.006	J	J
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013							0.089	JN		< 0.0064	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013				0.36	JN		0.31	JN		< 0.0058	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013										< 0.0054	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013							0.021	JN		< 0.0063	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013							0.078	JN		< 0.0064	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013							0.0039	JN		< 0.0055	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013							0.084	JN		< 0.0063	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013							0.023	JN		< 0.0063	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013							0.039	JN		< 0.0049	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013							0.27	JN		< 0.0057	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013							0.031	JN		< 0.006	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013							0.044	JN		< 0.0053	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013							0.016	JN		< 0.0061	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013							0.11	JN		< 0.0058	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013							0.01	JN		< 0.0053	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013							0.016	JN		< 0.0054	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013										< 0.0048	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					m,p-Xylenes (mg/kg)			Methyl tert-Butyl Ether (MTBE) (mg/kg)			Naphthalene (mg/kg)			Naphthalene, decahydro- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008	< 0.00787	U		< 0.00394	U		< 0.00787	U				
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008	< 0.012	U		< 0.006	U		< 0.012	U				
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008	< 0.0103	U		< 0.00517	U		< 0.0103	U				
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008	2.45	D		< 0.006	U		0.0406		J			
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008	< 0.01	U		< 0.005	U		< 0.01	U				
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008	< 0.0113	U		< 0.00567	U		< 0.0113	U				
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008	< 0.00958	U		< 0.00479	U		< 0.00958	U				
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008	< 0.0118	U		< 0.00591	U		< 0.0118	U				
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008	< 0.00996	U		< 0.00498	U		< 0.00996	U				
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008	< 0.0107	U		< 0.00533	U		< 0.0107	U				
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012	< 0.23	U		< 0.23	U		0.201	J	J			
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012	< 0.22	U		< 0.22	U		< 0.56	U				
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012	< 0.11	U		< 0.11	U		< 0.27	U				
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012	< 0.0021	U		< 0.0021	U		< 0.0052	U				
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012	< 0.0021	U		< 0.0021	U		< 0.0051	U				
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012	27.6			< 1.3	U		5.3					
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012	< 0.0022	U		< 0.0022	U		< 0.0056	U				
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012	690			< 3	U		60.3					
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012	26.6			< 0.23	U		3.97					
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012	441			< 5.2	U		34.8					
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012	3.11			< 0.29	U		4.44					
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012	3.36			< 0.27	U		0.694					
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012	< 0.23	U		< 0.23	U		< 0.57	U				
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012	< 0.25	U		< 0.25	U		< 0.62	U				
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012	< 0.23	U		< 0.23	U		< 0.57	U				
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012	< 0.23	U		< 0.23	U		0.289	J				
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012	< 0.23	U		< 0.23	U		< 0.57	U				
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012	< 0.81	U		< 0.81	U		1.25	J				
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012	0.0065			< 0.0032	U		0.0076	J				
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012	0.0017	J		< 0.0026	U		< 0.0064	U				
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012	0.0018	J		< 0.003	U		< 0.0076	U				
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012	787			< 4.6	U		43.2					
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012	742			< 5.1	U		39.8					
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012	1.4			< 0.31	U		< 0.77	U				
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	0.0028	J		< 0.0032	U		0.0081					
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	0.006			< 0.0029	U		0.0143					
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.0018	U		< 0.0018	U		0.00098	J				
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013	< 0.0024	U		< 0.0024	U		< 0.0059	U				
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013	< 0.0024	U		< 0.0024	U		< 0.006	U				
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013	< 0.0023	U		< 0.0023	U		< 0.0057	U				
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013	< 0.0023	U		< 0.0023	U		< 0.0057	U				
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.0023	U		0.00055	J		< 0.0057	U				
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.29	U		< 0.29	U		< 0.72	U				
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.25	U		< 0.25	U		< 0.64	U				
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.0022	U		< 0.0022	U		< 0.0055	U				
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.0035	U		< 0.0035	U		< 0.0088	U				
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.0024	U		< 0.0024	U		< 0.0059	U				
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.0021	U		< 0.0021	U		< 0.0054	U				
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.0026	U		< 0.0026	U		< 0.0066	U				
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.0023	U	UJ	< 0.0023	U	UJ	< 0.0058	U	UJ			
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	0.00096	J		< 0.0025	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	0.0012	J		< 0.0025	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	0.0025	J		< 0.0032	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	0.0014	J		< 0.0027	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	0.0012	J		< 0.0024	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	0.0018	J		< 0.0023	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	0.0027			< 0.0026	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	0.002	J		< 0.0024	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	0.00099	J		< 0.0025	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	0.001	J		< 0.0023	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	0.002	J		< 0.0028	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					m,p-Xylenes (mg/kg)			Methyl tert-Butyl Ether (MTBE) (mg/kg)			Naphthalene (mg/kg)			Naphthalene, decahydro- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	0.0023	J		< 0.0027	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.0025	U		< 0.0025	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	0.0012	J		< 0.0031	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.24	U		< 0.24	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.45	U		< 0.45	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.26	U		< 0.26	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.23	U		< 0.23	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.0027	U		< 0.0027	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	512			< 6.1	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	0.0009	J		< 0.0024	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.0024	U		< 0.0024	U		< 0.0059	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	0.0013	J		< 0.0021	U		< 0.0053	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	0.0021	J		< 0.0022	U		< 0.0054	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	0.0016	J		< 0.0024	U		< 0.006	U				
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U				
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	0.00068	J		< 0.0023	U		< 0.0058	U				
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011	< 0.25	U		< 0.25	U		< 0.62	U				
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.0026	U		< 0.0026	U		< 0.0066	U				
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	3.41			< 0.35	U		2.26					
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.28	U		< 0.28	U		< 0.71	U		4.3	JN	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	0.00077	J		< 0.0024	U		< 0.0061	U				
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	49.2			< 0.26	U		3.79					
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	0.00094	J		< 0.0024	U	UJ	< 0.0059	U	UJ			
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	0.00081	J		< 0.0024	U		< 0.0059	U				
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	355			< 5.3	U		26.3					
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0052	U		< 0.0052	U		< 0.0052	U				
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.0059	U		< 0.0059	U		< 0.0059	U				
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0042	U		< 0.0042	U		< 0.0042	U				
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.0045	U		< 0.0045	U		< 0.0045	U				
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0046	U		< 0.0046	U		< 0.0046	U				
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.22	U		< 0.22	U		< 0.22	U				
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.0048	U		< 0.0048	U		< 0.0048	U				
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	0.068	J		< 0.26	U		< 0.26	U				
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	0.0012	J		< 0.002	U		< 0.0049	U				
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	0.0057			< 0.0024	U		< 0.006	U				
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.0023	U		< 0.0023	U							
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	0.0026			< 0.0025	U		< 0.0061	U				
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.0028	U		< 0.0028	U		< 0.007	U				
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U				
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U				
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	0.0072		J	< 0.0024	U		< 0.006	U				
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.0028	U		< 0.0028	U		< 0.007	U				
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.0053	U		< 0.0053	U		< 0.0053	U				
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U				
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.0056	U		< 0.0056	U		< 0.0056	U				
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U				
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011	< 0.0038	U		< 0.0038	U		< 0.0094	U				
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011	< 0.0056	U		< 0.0056	U		< 0.014	U				
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011	< 0.0024	U		< 0.0024	U		< 0.0059	U				
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0026	U		< 0.0026	U		< 0.0066	U				
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011	0.0067			< 0.0024	U		< 0.006	U				
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011	0.0174			< 0.0022	U		< 0.0055	U				
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011	0.0071			< 0.0023	U		< 0.0057	U				
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011	0.121			< 0.0022	U		< 0.0056	U				
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.0026	U		< 0.0026	U	UJ	< 0.0066	U				
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.0024	U		< 0.0024	U	UJ	< 0.0059	U				
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	0.0011	J		< 0.0022	U	UJ	< 0.0056	U				
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011	0.0029			< 0.0028	U		< 0.0069	U				
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011	0.0028			< 0.0028	U		< 0.007	U				
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011	11.8			< 1.2	U		17.5					
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011	< 0.0025	U		< 0.0025	U		< 0.0064	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					m,p-Xylenes (mg/kg)			Methyl tert-Butyl Ether (MTBE) (mg/kg)			Naphthalene (mg/kg)			Naphthalene, decahydro- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011	0.00096	J		< 0.003	U		< 0.0076	U				
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011	< 0.35	U		< 0.35	U		< 0.86	U				
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011	0.003	J		< 0.0031	U		0.0431					
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012	0.0013	J		< 0.0023	U		< 0.0059	U				
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012	0.0013	J		< 0.0023	U		< 0.0057	U				
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012	< 0.0022	U		< 0.0022	U		< 0.0056	U				
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013	0.0014	J		< 0.003	U		< 0.0075	U				
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013	0.001	J		< 0.0026	U		< 0.0064	U				
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013	0.00065	J		< 0.0024	U		< 0.0061	U				
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012	< 0.0023	U		< 0.0023	U		< 0.0057	U				
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012	< 0.0023	U		< 0.0023	U		< 0.0058	U				
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012	0.0013	J		< 0.0029	U		< 0.0071	U				
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012	0.0023	J	J	< 0.0027	U	UJ	0.0165		J			
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012	0.0015	J		< 0.0038	U		< 0.0095	U				
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012	0.0017	J		< 0.0021	U		< 0.0053	U				
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012	0.0015	J		< 0.0036	U		< 0.0091	U				
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012	117			< 1.2	U		15.4		J			
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012	127			< 1.1	U		15		J			
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012	0.111			< 0.0019	U		0.0501					
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012	< 0.0023	U		< 0.0023	U		< 0.0056	U				
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012	< 0.0021	U		< 0.0021	U		< 0.0052	U				
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012	< 0.0022	U		< 0.0022	U		< 0.0054	U				
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012	< 0.0022	U		< 0.0022	U		< 0.0054	U				
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012	< 0.0022	U		< 0.0022	U		< 0.0055	U				
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012	< 0.0021	U		< 0.0021	U		< 0.0053	U				
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012	< 0.0021	U		< 0.0021	U		< 0.0052	U				
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012	< 0.0021	U		< 0.0021	U		< 0.0054	U				
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012	< 0.0021	U		< 0.0021	U		< 0.0052	U				
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012	< 0.002	U		< 0.002	U		< 0.0051	U				
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012	< 0.0023	U		< 0.0023	U		< 0.0057	U				
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012	< 0.0022	U		< 0.0022	U		< 0.0055	U				
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012	< 0.0021	U		< 0.0021	U		< 0.0053	U				
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012	< 0.0021	U		< 0.0021	U		< 0.0053	U				
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013	< 0.0028	U		< 0.0028	U		< 0.0071	U				
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013	2240			< 15	U		131					
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013	< 0.0031	U		< 0.0031	U		< 0.0078	U				
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013	1910			< 12	U		114					
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0052	U		< 0.0052	U		< 0.0052	U				
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	0.0011	J		< 0.0025	U		< 0.0062	U				
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	0.00087	J		< 0.0023	U		< 0.0057	U				
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.0022	U		< 0.0022	U		< 0.0055	U				
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	0.00096	J		< 0.0023	U		< 0.0056	U				
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	0.00057	J		< 0.0023	U		< 0.0058	U				
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.0024	U		< 0.0024	U		< 0.006	U				
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	0.0014	J		< 0.0029	U		< 0.0073	U				
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	0.0011	J		< 0.0026	U		< 0.0064	U				
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.0022	U		< 0.0022	U		< 0.0054	U				
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.0022	U		< 0.0022	U		< 0.0055	U				
Public Works	GP-14	GP-14-13	13 ft	12/18/2012	< 0.0023	U		< 0.0023	U		< 0.0058	U				
Public Works	GP-14	GP-14-33	33 ft	12/18/2012	< 0.24	U		< 0.24	U		< 0.61	U				
Public Works	GP-14	GP-14-39	39 ft	12/18/2012	0.441			< 0.24	U		< 0.61	U				
Public Works	GP-14	GP-14-45	45 ft	12/18/2012	0.008			< 0.002	U		< 0.0049	U				
Public Works	GP-15	GP-15-19	19 ft	12/18/2012	1.36			< 0.5	U		0.823	J				
Public Works	GP-15	GP-15-29	29 ft	12/18/2012	0.0012	J		< 0.0022	U		< 0.0055	U				
Public Works	GP-15	GP-15-37	37 ft	12/18/2012	12.3			< 4.9	U		< 12	U				
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012	15.7			0.653			1.25					
Public Works	GP-15	GP-15-47	47 ft	12/18/2012	4.81			< 1.2	U		< 3	U				
Public Works	GP-15	GP-15-55	55 ft	12/18/2012	290			< 2	U		19.3					
Public Works	GP-15	GP-15-74	74 ft	12/21/2012	0.403			< 0.23	U		< 0.57	U				
Public Works	GP-15	GP-15-89	89 ft	12/21/2012	< 0.21	U		< 0.21	U		< 0.52	U				
Public Works	GP-16	GP-16-23	23 ft	1/3/2013	< 0.0026	U		< 0.0026	U		< 0.0065	U				

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					m,p-Xylenes (mg/kg)			Methyl tert-Butyl Ether (MTBE) (mg/kg)			Naphthalene (mg/kg)			Naphthalene, decahydro- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013	0.509			< 0.23	U		< 0.57	U				
Public Works	GP-16	GP-16-51	51 ft	1/3/2013	0.706			< 0.21	U		0.23	J				
Public Works	GP-16	GP-16-57	57 ft	1/3/2013	62.1		J	< 0.21	U		19.9					
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013	40		J	< 0.24	U		24.8					
Public Works	GP-16	GP-16-77	77 ft	1/3/2013	1.72			< 0.19	U		0.938					
Public Works	GP-16	GP-16-91	91 ft	1/7/2013	0.0099			< 0.0019	U		< 0.0048	U				
Public Works	GP-17	GP-17-15	15 ft	1/7/2013	4.44		J	< 1.1	U	UJ	45.3		J			
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013	7.57		J	< 2.8	U	UJ	64.5		J			
Public Works	GP-17	GP-17-45	45 ft	1/7/2013	2.73		J	< 1.6	U	UJ	< 4.1	U	UJ			
Public Works	GP-17	GP-17-57	57 ft	1/7/2013	< 2.4	U	UJ	< 2.4	U	UJ	< 5.9	U	UJ			
Public Works	GP-17	GP-17-65	65 ft	1/7/2013	0.934		J	< 0.16	U	UJ	< 0.39	U	UJ			
Public Works	GP-18	GP-18-21	21 ft	1/8/2013	< 0.72	U	UJ	< 0.72	U	UJ	< 1.8	U	UJ			
Public Works	GP-18	GP-18-37	37 ft	1/8/2013	2.52		J	< 2	U	UJ	< 5.1	U	UJ			
Public Works	GP-18	GP-18-53	53 ft	1/8/2013	< 2.7	U	UJ	< 2.7	U	UJ	< 6.7	U	UJ			
Public Works	GP-18	GP-18-63	63 ft	1/8/2013	1.41		J	< 1.1	U	UJ	< 2.6	U	UJ			
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009	< 0.009	U		< 0.004	U							
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009	< 0.009	U		< 0.004	U							
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009	< 0.008	U		< 0.004	U							
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008	< 0.00996	U		< 0.00498	U		< 0.00996	U				
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008	< 0.011	U		< 0.00549	U		< 0.011	U				
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008	< 0.011	U		< 0.0055	U		< 0.011	U				
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011	0.0016	J		< 0.004	U							
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011	0.0013	J		< 0.0025	U							
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011	0.55			< 0.28	U							
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011	< 0.11	U		< 0.11	U							
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011	< 5.2	U		< 5.2	U							
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011	0.771	J		< 1.5	U							
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011	0.226	J		< 0.6	U							
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011	0.248	J		< 1.1	U							
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011	< 0.18	U		< 0.18	U							
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011	< 0.25	U		< 0.25	U							
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011	< 0.81	U		< 0.81	U							
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011	0.0938	J		< 0.51	U							
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011	0.0851	J		< 0.29	U							
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011	< 2.4	U		< 2.4	U							
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011	0.58	J		< 1	U							
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011	4.73			< 0.76	U							
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011	< 0.0021	U		< 0.0021	U							
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011	< 0.78	U		< 0.78	U							
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011	< 0.26	U		< 0.26	U							
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009	< 0.01	U		< 0.005	U							
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009	< 0.01	U		< 0.005	U							
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009	< 0.009	U		< 0.004	U							
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010	< 0.011	U		0.013								
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010	< 0.01	U		< 0.005	U							
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009	0.005	J		0.005	J							
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009	< 0.009	U		< 0.005	U							
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009	< 0.01	U		< 0.005	U							
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010	< 0.013	U		0.002	J							
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010	< 0.01	U		0.003	J							
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010	0.005	J	J	0.032		J						
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010	0.031		J	0.126		J						
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008	< 0.01	U		< 0.00501	U		< 0.01	U				
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008	< 0.011	U		< 0.005	U		< 0.011	U				
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008	< 0.01	U		< 0.005	U		< 0.01	U				
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011	< 0.0024	U		< 0.0024	U							
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011	< 13	U		< 13	U							
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011	< 9.2	U		< 9.2	U							
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U				
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0025	U		< 0.0025	U		< 0.0062	U				
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011	< 0.0021	U		< 0.0021	U		< 0.0053	U				

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					m,p-Xylenes (mg/kg)			Methyl tert-Butyl Ether (MTBE) (mg/kg)			Naphthalene (mg/kg)			Naphthalene, decahydro- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011	< 1.2	U		< 1.2	U		< 3.1	U				
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011	< 1	U		< 1	U		< 2.5	U				
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011	< 0.0022	U		< 0.0022	U		< 0.0054	U				
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0022	U		< 0.0022	U		< 0.0055	U				
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.0021	U		< 0.0021	U		< 0.0053	U				
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0022	U		< 0.0022	U		< 0.0054	U				
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011	< 0.0021	U		< 0.0021	U		< 0.0052	U				
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011	< 0.0022	U		< 0.0022	U		< 0.0056	U				
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011	< 0.0022	U		< 0.0022	U		< 0.0054	U				
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012	< 0.0021	U		0.0272		J	< 0.0052	U				
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012	< 0.0021	U		< 0.0021	U		< 0.0051	U				
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012	< 0.0021	U		< 0.0021	U	UJ	< 0.0053	U				
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012	0.0013	J		0.011		J	< 0.0051	U				
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011	0.0017	J		< 0.0026	U							
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011	0.00088	J		< 0.0026	U							
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011	< 0.89	U		< 0.89	U							
WRR	GP-7	GP-7-25	3 ft	8/26/2009	0.004	J		< 0.005	U							
WRR	GP-7	GP-7-37	3 ft	8/26/2009	16.1		J	< 0.341	U	UJ						
WRR	GP-7	GP-7-37D	3 ft	8/26/2009	14.1		J	< 0.318	U	UJ						
WRR	GP-7	GP-7-41	3 ft	8/26/2009	39.4		J	< 0.657	U	UJ						
WRR	GP-8	GP-8-13	13 ft	8/26/2009	0.006	J		< 0.005	U							
WRR	GP-8	GP-8-35	35 ft	8/26/2009	0.003	J		< 0.005	U							
WRR	GP-8	GP-8-47	47 ft	8/26/2009	0.003	J	J	< 0.006	U							
WRR	GP-8	GP-8-47D	47 ft	8/26/2009	1.98		J	< 0.235	U							
WRR	GP-9	GP-9-18	18 ft	8/25/2009	162			< 5.07	U							
WRR	GP-9	GP-9-37	37 ft	8/25/2009	1.04	D		< 0.006	U							
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.45	U		< 0.45	U		< 1.1	U				
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.2	U		< 0.2	U		1.19					
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.21	U		< 0.21	U		1.59					
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.0043	U		< 0.0043	U		< 0.011	U				
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.0021	U		< 0.0021	U		< 0.0052	U				
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.0024	U		< 0.0024	U		< 0.0061	U				
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.0023	U		< 0.0023	U		< 0.0057	U				
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	1.66			< 0.4	U		< 1	U				
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	26			< 2	U		35.2					
WRR	MW-06	B-6-04	4 ft	5/15/2008	< 0.00782	U		< 0.00391	U		< 0.00782	U				
WRR	MW-06	B-6-23	23 ft	5/19/2008	< 0.01	U		< 0.005	U		< 0.01	U				
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011	0.0016	J		< 0.0026	U		< 0.0064	U				
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011	0.0297			< 0.0029	U							
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011	3.2			< 0.26	U							
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011	126		J	< 1.2	U							
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011	74.1		J	< 1.2	U							
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011	29.7		J	< 1.4	U		10.8					
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011	175		J	< 5	U		22.3					
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011	65.2			< 3.1	U		47.8					
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011	0.98			< 0.57	U		4.2					
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011	203			< 6	U		28.8					
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011	1.85			< 0.29	U		4.21					
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011	< 2.5	U		< 2.5	U		< 6.2	U				
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011	< 0.12	U		< 0.12	U		1.4					
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011	< 0.33	U		< 0.33	U		< 0.83	U				
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011	0.00091	J		< 0.0023	U		0.231					
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011	1.91			< 0.46	U		3.91					
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011	< 0.0023	U		< 0.0023	U		< 0.0057	U				
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.0022	U		< 0.0022	U		< 0.0055	U				
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011	< 0.0033	U		< 0.0033	U		< 0.0083	U				
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011	< 0.0022	U		< 0.0022	U		< 0.0054	U				
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011	0.0099			< 0.0022	U		< 0.0056	U				
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011	< 0.37	U		< 0.37	U		< 0.91	U				
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011	< 0.32	U		< 0.32	U		< 0.8	U				
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011	0.845			< 0.41	U		< 1	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					m,p-Xylenes (mg/kg)			Methyl tert-Butyl Ether (MTBE) (mg/kg)			Naphthalene (mg/kg)			Naphthalene, decahydro- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011	62.7			< 2.7	U		12.7					
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011	1280			< 6	U		53.8					
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011	0.284	J		< 0.38	U		< 0.94	U				
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011	0.0033			< 0.0022	U		< 0.0055	U				
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011	38.4			< 0.24	U		5.03					
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011	0.403			< 0.25	U		< 0.61	U				
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.0023	U		< 0.0023	U		< 0.0058	U				
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011	< 0.24	U		< 0.24	U		< 0.6	U				
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.32	U		< 0.32	U		< 0.8	U				
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	0.0587		J	< 0.0024	U		0.0043	J				
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	0.0043		J	< 0.0023	U		0.0015	J				
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	0.00085	J		< 0.0021	U		< 0.0052	U				
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	0.0007	J	J	< 0.0025	U		< 0.0062	U				
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011	< 0.0024	U		< 0.0024	U		< 0.0061	U				
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011	0.0028			< 0.0023	U		< 0.0057	U				
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011	0.0028			< 0.0021	U		< 0.0052	U				
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011	0.0124			< 0.0025	U		< 0.0061	U				
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011	< 0.0022	U		< 0.0022	U		< 0.0056	U				
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011	0.0215		J	< 0.0022	U		0.0144		J			
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011	< 0.56	U		< 0.56	U		< 1.4	U				
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011	< 0.6	U		< 0.6	U		< 1.5	U				
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.32	U		< 0.32	U		< 0.79	U				
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011	9.88			< 0.47	U							
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011	166			< 2.2	U							
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011	< 0.0026	U		< 0.0026	U		< 0.0065	U				
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011	< 0.0021	U		< 0.0021	U		< 0.0053	U				
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011	< 0.0023	U		< 0.0023	U		< 0.0058	U				
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011	0.003			< 0.0024	U		< 0.0061	U				
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011	0.0051		J	< 0.002	U		< 0.0051	U				
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011	0.0018	J		< 0.0023	U		< 0.0058	U				
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	0.001	J		< 0.0023	U	UJ	< 0.0057	U				
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	0.0012	J		< 0.0028	U	UJ	< 0.007	U				
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.0023	U		< 0.0023	U	UJ	< 0.0056	U				
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011	0.785			< 0.52	U		< 1.3	U				
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011	0.0333			< 0.0024	U		< 0.0059	U				
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011	0.112	J		< 0.24	U		< 0.6	U				
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011	256			< 2.5	U		23.1					
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011	0.938			< 0.63	U		< 1.6	U				
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011	1.05	J		< 1.2	U		< 3.1	U				
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011	< 0.56	U		< 0.56	U		< 1.4	U				
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011	3.87			< 1.2	U		< 2.9	U				
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011	0.0256			< 0.0023	U		< 0.0057	U				
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011	551			< 55	U		< 140	U				
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011	6.72	J		< 10	U		< 25	U				
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011	2.82			< 0.24	U		1.95					
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011	86.8			< 3.4	U		35.9					
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011	< 0.24	U		< 0.24	U		< 0.61	U				
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011	69.2			< 1.9	U		10.7					
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011	< 0.0022	U		< 0.0022	U		< 0.0054	U				
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011	< 0.64	U		< 0.64	U		< 1.6	U				
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011	37.2			< 2.5	U		17.8					
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011	0.267			< 0.22	U		0.544					
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011	1.05			< 0.25	U		1.14					
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011	13.5			< 1.2	U		10.9					
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011	14.9			< 0.89	U		4.15					
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 1	U		< 1	U		< 2.5	U				
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011	< 0.48	U		< 0.48	U		< 1.2	U				
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011	0.0024			< 0.0022	U		0.0351					
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011	0.0016	J		< 0.0023	U		0.0216					
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011	0.0081		J	< 0.0026	U		< 0.0065	U				
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011	0.0073			< 0.0026	U		< 0.0065	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	m,p-Xylenes (mg/kg)			Methyl tert-Butyl Ether (MTBE) (mg/kg)			Naphthalene (mg/kg)			Naphthalene, decahydro- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011	0.0104		J	< 0.0028	U		< 0.0069	U				
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011	0.0045			< 0.0022	U		< 0.0056	U				
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011	0.0501		J	0.0039		J	0.0108		J			
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	0.0018	J		< 0.0026	U		< 0.0064	U				
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.0023	U		< 0.0023	U		< 0.0058	U				
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.0021	U		< 0.0021	U		< 0.0054	U				
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	0.0012	J		< 0.0025	U		< 0.0063	U				
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	0.00036	J		< 0.0025	U		< 0.0064	U				
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.0022	U		< 0.0022	U		< 0.0055	U				
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	0.00042	J		< 0.0025	U		< 0.0063	U				
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	0.0014	J		< 0.0025	U		< 0.0063	U				
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.002	U		< 0.002	U		< 0.0049	U				
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	0.0013	J		< 0.0023	U		< 0.0057	U				
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	0.0018	J		< 0.0024	U		< 0.006	U				
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	0.0018	J		< 0.0021	U		< 0.0053	U				
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	0.00073	J		< 0.0024	U		< 0.0061	U				
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	0.00079	J		< 0.0023	U		< 0.0058	U				
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	0.00053	J		< 0.0021	U		< 0.0053	U				
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	0.00063	J		< 0.0022	U		< 0.0054	U				
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.0019	U		< 0.0019	U		< 0.0048	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Naphthalene, decahydro-, trans- (mg/kg)			n-Butylbenzene (mg/kg)			Nonane (mg/kg)			Nonane, 3-methyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008				< 0.00394	U							
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008				< 0.006	U							
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008				< 0.00517	U							
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008				0.0913		J						
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008				< 0.005	U							
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008				< 0.00567	U							
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008				< 0.00479	U							
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008				< 0.00591	U							
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008				< 0.00498	U							
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008				< 0.00533	U							
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012				0.0323	J	J						
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012				0.0233	J	J						
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012				< 0.27	U							
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012				< 0.0052	U							
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012				< 0.0051	U							
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012				9.56								
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012				< 0.0056	U							
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012				33.3								
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012				0.977								
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012				27.3								
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012				0.459	J							
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012				0.29	J							
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012				< 0.57	U							
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012				< 0.62	U							
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012				< 0.57	U							
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012				0.0915	J							
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012				0.116	J							
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012				2.12								
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012				0.0041	J							
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012				< 0.0064	U							
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012				< 0.0076	U							
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012				40.6								
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012				37.7								
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012				1.32								
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015				0.004	J							
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015				0.0083								
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015				0.00036	J							
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013				< 0.0059	U							
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013				< 0.006	U							
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013				< 0.0057	U							
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013				< 0.0057	U							
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014				< 0.0057	U							
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014				< 0.72	U							
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014				< 0.64	U							
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014				< 0.0055	U							
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014				< 0.0088	U							
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014				< 0.0059	U							
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014				< 0.0054	U							
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014				< 0.0066	U							
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014				< 0.0058	U	UJ						
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011				< 0.0063	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011				< 0.0063	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011				< 0.0079	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011				< 0.0068	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011				< 0.0061	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011				< 0.0057	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011				0.0023	J							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011				< 0.0061	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011				< 0.0063	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011				< 0.0056	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011				< 0.007	U							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Naphthalene, decahydro-, trans- (mg/kg)			n-Butylbenzene (mg/kg)			Nonane (mg/kg)			Nonane, 3-methyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011				< 0.0068	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011				< 0.0064	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011				< 0.0077	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011				< 0.59	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011				< 1.1	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011				< 0.64	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011				< 0.58	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011				< 0.0067	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011				16.6								
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011				< 0.0059	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011				< 0.0059	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011				< 0.0053	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011				< 0.0054	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011				< 0.006	U							
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011				< 0.0055	U							
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011				< 0.0058	U							
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011				< 0.62	U							
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011				< 0.0066	U							
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014				1.46			1.8	JN				
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014				0.648	J							
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014				< 0.0061	U							
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014				3.66								
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014				< 0.0059	U	UJ						
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014				< 0.0059	U							
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				19.1			34	JN				
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015				< 0.0052	U							
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015				< 0.0059	U							
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015				< 0.0042	U							
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015				< 0.0045	U							
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015				< 0.0046	U							
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015				1.5						3.6	T J N	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015				< 0.0048	U							
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015				< 0.26	U							
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011				< 0.0049	U							
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011				0.0136								
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011				< 0.0057	U							
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011				< 0.0061	U							
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011				< 0.007	U							
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015				< 0.0051	U							
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015				< 0.0051	U							
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011				0.0103		J						
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011				< 0.007	U							
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015				< 0.0053	U							
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015				< 0.0051	U							
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015				< 0.0056	U							
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011				< 0.0055	U							
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011				< 0.0094	U							
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011				< 0.014	U							
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011				< 0.0059	U							
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011				< 0.0066	U							
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011				< 0.006	U							
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011				< 0.0055	U							
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011				< 0.0057	U							
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011				< 0.0056	U							
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015				< 0.0066	U							
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015				< 0.0059	U							
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015				< 0.0056	U							
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011				< 0.0069	U							
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011				< 0.007	U							
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011				11.3								
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011				< 0.0064	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Naphthalene, decahydro-, trans- (mg/kg)			n-Butylbenzene (mg/kg)			Nonane (mg/kg)			Nonane, 3-methyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011				< 0.0076	U							
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011				0.272	J							
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011				0.0166								
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012				< 0.0059	U							
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012				< 0.0057	U							
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012				< 0.0056	U							
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013				< 0.0075	U							
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013				< 0.0064	U							
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013				< 0.0061	U							
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012				< 0.0057	U							
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012				< 0.0058	U							
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012				< 0.0071	U							
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012				< 0.0067	U	UJ						
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012				< 0.0095	U							
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012				< 0.0053	U							
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012				< 0.0091	U							
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012				15.6								
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012				14								
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012				0.0206								
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012				< 0.0056	U							
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012				< 0.0052	U							
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012				< 0.0054	U							
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012				< 0.0054	U							
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012				< 0.0055	U							
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012				< 0.0053	U							
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012				< 0.0052	U							
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012				< 0.0054	U							
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012				< 0.0052	U							
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012				< 0.0051	U							
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012				< 0.0057	U							
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012				< 0.0055	U							
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012				< 0.0053	U							
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012				< 0.0053	U							
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013				< 0.0071	U							
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013				81.6								
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013				< 0.0078	U							
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013				79.1								
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015				< 0.0052	U							
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013				< 0.0062	U							
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013				< 0.0057	U							
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013				< 0.0055	U							
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013				< 0.0056	U							
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013				< 0.0058	U							
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013				< 0.006	U							
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013				< 0.0073	U							
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013				< 0.0064	U							
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013				< 0.0054	U							
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013				< 0.0055	U							
Public Works	GP-14	GP-14-13	13 ft	12/18/2012				< 0.0058	U							
Public Works	GP-14	GP-14-33	33 ft	12/18/2012				0.0877	J							
Public Works	GP-14	GP-14-39	39 ft	12/18/2012				0.754								
Public Works	GP-14	GP-14-45	45 ft	12/18/2012				0.0024	J							
Public Works	GP-15	GP-15-19	19 ft	12/18/2012				1.58								
Public Works	GP-15	GP-15-29	29 ft	12/18/2012				< 0.0055	U							
Public Works	GP-15	GP-15-37	37 ft	12/18/2012				1.12	J							
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012				0.864								
Public Works	GP-15	GP-15-47	47 ft	12/18/2012				0.347	J							
Public Works	GP-15	GP-15-55	55 ft	12/18/2012				13.9								
Public Works	GP-15	GP-15-74	74 ft	12/21/2012				0.0387	J							
Public Works	GP-15	GP-15-89	89 ft	12/21/2012				< 0.52	U							
Public Works	GP-16	GP-16-23	23 ft	1/3/2013				< 0.0065	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Naphthalene, decahydro-, trans- (mg/kg)			n-Butylbenzene (mg/kg)			Nonane (mg/kg)			Nonane, 3-methyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013				< 0.57	U							
Public Works	GP-16	GP-16-51	51 ft	1/3/2013				0.141	J							
Public Works	GP-16	GP-16-57	57 ft	1/3/2013				27.9								
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013				32.8								
Public Works	GP-16	GP-16-77	77 ft	1/3/2013				0.4	J							
Public Works	GP-16	GP-16-91	91 ft	1/7/2013				< 0.0048	U							
Public Works	GP-17	GP-17-15	15 ft	1/7/2013				3.01		J						
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013				4.67	J	J						
Public Works	GP-17	GP-17-45	45 ft	1/7/2013				< 4.1	U	UJ						
Public Works	GP-17	GP-17-57	57 ft	1/7/2013				< 5.9	U	UJ						
Public Works	GP-17	GP-17-65	65 ft	1/7/2013				0.0559	J	J						
Public Works	GP-18	GP-18-21	21 ft	1/8/2013				< 1.8	U	UJ						
Public Works	GP-18	GP-18-37	37 ft	1/8/2013				< 5.1	U	UJ						
Public Works	GP-18	GP-18-53	53 ft	1/8/2013				< 6.7	U	UJ						
Public Works	GP-18	GP-18-63	63 ft	1/8/2013				< 2.6	U	UJ						
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009				< 0.004	U							
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009				< 0.004	U							
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009				< 0.004	U							
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008				< 0.00498	U							
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008				< 0.00549	U							
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008				< 0.0055	U							
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011				< 0.01	U							
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011				< 0.0063	U							
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011				< 0.7	U							
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011				< 0.28	U							
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011				10.4	J							
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011				< 3.6	U							
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011				< 1.5	U							
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011				1.02	J							
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011				< 0.46	U							
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011				< 0.63	U							
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011				2.17								
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011				0.517	J							
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011				< 0.73	U							
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011				3.51	J							
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011				3.01								
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011				0.648	J							
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011				< 0.0052	U							
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011				2.1								
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011				0.274	J							
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009				< 0.004	U							
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010				< 0.005	U							
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010				< 0.005	U							
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009				< 0.009	U							
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010				< 0.006	U							
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010				< 0.005	U							
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010				0.046		J						
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010				0.17		J						
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008				< 0.00501	U							
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008				< 0.005	U							
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008				< 0.005	U							
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011				< 0.0061	U							
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011				< 33	U							
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011				< 23	U							
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011				< 0.0055	U							
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011				< 0.0062	U							
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011				< 0.0053	U							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Naphthalene, decahydro-, trans- (mg/kg)			n-Butylbenzene (mg/kg)			Nonane (mg/kg)			Nonane, 3-methyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011				< 3.1	U							
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011				< 2.5	U							
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011				< 0.0054	U							
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014				< 0.0055	U							
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014				< 0.0053	U							
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014				< 0.0054	U							
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011				< 0.0052	U							
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011				< 0.0056	U							
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011				< 0.0054	U							
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012				< 0.0052	U							
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012				< 0.0051	U							
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012				< 0.0053	U							
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012				0.0013	J							
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011				< 0.0065	U							
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011				0.012								
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011				0.807	J							
WRR	GP-7	GP-7-25	3 ft	8/26/2009				< 0.005	U							
WRR	GP-7	GP-7-37	3 ft	8/26/2009				0.586		J						
WRR	GP-7	GP-7-37D	3 ft	8/26/2009				0.491		J						
WRR	GP-7	GP-7-41	3 ft	8/26/2009				0.997		J						
WRR	GP-8	GP-8-13	13 ft	8/26/2009				0.005								
WRR	GP-8	GP-8-35	35 ft	8/26/2009				< 0.005	U							
WRR	GP-8	GP-8-47	47 ft	8/26/2009				0.005	J	J						
WRR	GP-8	GP-8-47D	47 ft	8/26/2009				0.235		J						
WRR	GP-9	GP-9-18	18 ft	8/25/2009				10								
WRR	GP-9	GP-9-37	37 ft	8/25/2009				0.089								
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013				0.544	J							
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013				1.2								
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013				1.42								
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013				0.00088	J							
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013				< 0.0052	U							
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013				< 0.0061	U							
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013				< 0.0057	U							
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013				4.2								
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013				39.9								
WRR	MW-06	B-6-04	4 ft	5/15/2008				< 0.00391	U							
WRR	MW-06	B-6-23	23 ft	5/19/2008				< 0.005	U							
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011				< 0.0064	U							
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011				0.0206								
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011				< 0.65	U							
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011				< 3.1	U							
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011				< 3	U							
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011				< 3.4	U							
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011				< 12	U							
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011				< 7.9	U							
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011				5.89								
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011				< 15	U							
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011				< 0.72	U							
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011				2.11	J							
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011				1.18								
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011				< 0.83	U							
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011				0.107								
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011				0.516	J							
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011				< 0.0057	U							
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011				< 0.0055	U							
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011				< 0.0083	U							
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011				< 0.0054	U							
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011				< 0.0056	U							
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011				< 0.91	U							
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011				< 0.8	U							
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011				< 1	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Naphthalene, decahydro-, trans- (mg/kg)			n-Butylbenzene (mg/kg)			Nonane (mg/kg)			Nonane, 3-methyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011				9.17								
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011				42.3								
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011				< 0.94	U							
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011				< 0.0055	U							
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011				2.62								
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011				0.164	J							
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011				< 0.0058	U							
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011				< 0.6	U							
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013				< 0.8	U							
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013				< 0.006	U							
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013				< 0.0058	U							
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013				< 0.0052	U							
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013				< 0.0062	U							
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011				< 0.0061	U							
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011				< 0.0057	U							
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011				< 0.0052	U							
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011				< 0.0061	U							
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011				< 0.0056	U							
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011				0.104	J							
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011				6.37								
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011				7.36								
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011				< 0.79	U							
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011				< 1.2	U							
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011				< 5.6	U							
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011				< 0.0065	U							
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011				< 0.0053	U							
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011				< 0.0058	U							
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 0.0061	U							
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011				0.0118		J						
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.0058	U							
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015				< 0.0057	U							
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015				< 0.007	U							
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015				< 0.0056	U							
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011				1.63								
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011				0.0125								
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.6	U							
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011				13								
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011				3.62								
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011				4.47								
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011				0.858	J							
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 2.9	U							
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.0057	U							
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 140	U							
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011				8.77	J							
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011				0.967								
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011				20.2								
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011				1.92								
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011				5.58								
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011				< 0.0054	U							
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011				3.63								
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011				8.67								
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011				0.182	J							
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011				0.554	J							
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011				5.45								
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011				4.13								
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 2.5	U							
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011				0.332	J							
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011				0.0134		J						
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011				0.0122								
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011				< 0.0065	U							
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011				0.0143								

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Naphthalene, decahydro-, trans- (mg/kg)			n-Butylbenzene (mg/kg)			Nonane (mg/kg)			Nonane, 3-methyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 0.0069	U							
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 0.0056	U							
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011				0.0175		J						
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013				0.00045	J							
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013				< 0.0058	U							
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013				< 0.0054	U							
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013				0.00033	J							
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.0064	U							
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013				< 0.0055	U							
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.0063	U							
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013				< 0.0063	U							
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013				< 0.0049	U							
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013				< 0.0057	U							
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013				0.00057	J							
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013				< 0.0053	U							
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.0061	U							
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.0058	U							
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013				< 0.0053	U							
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013				< 0.0054	U							
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013				< 0.0048	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Nonane, 4-methyl- (mg/kg)			n-Propylbenzene (mg/kg)			Octane (mg/kg)			Octane, 2,6-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008				< 0.00394	U							
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008				< 0.006	U							
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008				< 0.00517	U							
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008				1.73	D							
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008				< 0.005	U							
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008				< 0.00567	U							
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008				< 0.00479	U							
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008				< 0.00591	U							
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008				< 0.00498	U							
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008				< 0.00533	U							
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012				< 0.56	U							
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012				< 0.56	U							
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012				< 0.27	U							
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012				< 0.0052	U							
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012				< 0.0051	U							
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012				29.1								
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012				< 0.0056	U							
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012				91.4								
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012				3.32								
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012				58.2								
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012				1.67								
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012				0.6	J							
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012				< 0.57	U							
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012				0.178	J							
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012				< 0.57	U							
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012				< 0.57	U							
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012				< 0.57	U							
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012				1.34	J							
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012				0.0239								
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012				< 0.0064	U							
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012				< 0.0076	U							
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012				98.7								
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012				88.7								
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012				0.309	J							
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015				0.0023	J							
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015				0.0044	J							
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015				< 0.0045	U							
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013				< 0.0059	U							
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013				< 0.006	U							
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013				< 0.0057	U							
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013				< 0.0057	U							
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014				< 0.0057	U							
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014				< 0.72	U							
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014				< 0.64	U							
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014				< 0.0055	U							
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014				< 0.0088	U							
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014				< 0.0059	U							
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014				< 0.0054	U							
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014				< 0.0066	U							
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014				< 0.0058	U	UJ						
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011				< 0.0063	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011				< 0.0063	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011				< 0.0079	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011				< 0.0068	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011				< 0.0061	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011				< 0.0057	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011				0.0032	J							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011				< 0.0061	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011				< 0.0063	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011				< 0.0056	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011				< 0.007	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Nonane, 4-methyl- (mg/kg)			n-Propylbenzene (mg/kg)			Octane (mg/kg)			Octane, 2,6-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011				< 0.0068	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011				< 0.0064	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011				< 0.0077	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011				< 0.59	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011				< 1.1	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011				< 0.64	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011				< 0.58	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011				< 0.0067	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011				45.2								
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011				< 0.0059	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011				< 0.0059	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011				< 0.0053	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011				< 0.0054	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011				< 0.006	U							
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011				< 0.0055	U							
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011				< 0.0058	U							
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011				< 0.62	U							
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011				< 0.0066	U							
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014				1.22								
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014				0.569	J					3.4	JN	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014				< 0.0061	U							
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014				6.58								
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014				< 0.0059	U	UJ						
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014				< 0.0059	U							
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				40.5								
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015				< 0.0052	U							
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015				< 0.0059	U							
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015				< 0.0042	U							
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015				< 0.0045	U							
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015				< 0.0046	U							
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015				1.1								
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015				< 0.0048	U							
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015				0.097	J							
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011				< 0.0049	U							
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011				0.0182								
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011				< 0.0057	U							
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011				0.003	J							
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011				< 0.007	U							
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015				< 0.0051	U							
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015				< 0.0051	U							
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011				0.0016	J	J						
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011				< 0.007	U							
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015				< 0.0053	U							
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015				< 0.0051	U							
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015				< 0.0056	U							
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011				0.00085	J							
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011				< 0.0094	U							
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011				< 0.014	U							
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011				< 0.0059	U							
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011				< 0.0066	U							
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011				0.0018	J							
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011				0.0022	J							
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011				0.0018	J							
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011				0.0073								
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015				< 0.0066	U							
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015				< 0.0059	U							
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015				< 0.0056	U							
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011				< 0.0069	U							
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011				0.00078	J							
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011				16.8								
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011				< 0.0064	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Nonane, 4-methyl- (mg/kg)			n-Propylbenzene (mg/kg)			Octane (mg/kg)			Octane, 2,6-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011				< 0.0076	U							
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011				0.168	J							
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011				0.0041	J							
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012				< 0.0059	U							
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012				< 0.0057	U							
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012				< 0.0056	U							
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013				0.0006	J							
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013				0.00041	J							
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013				< 0.0061	U							
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012				< 0.0057	U							
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012				< 0.0058	U							
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012				< 0.0071	U							
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012				< 0.0067	U	UJ						
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012				< 0.0095	U							
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012				< 0.0053	U							
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012				< 0.0091	U							
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012				32								
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012				31								
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012				0.0396								
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012				< 0.0056	U							
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012				< 0.0052	U							
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012				< 0.0054	U							
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012				< 0.0054	U							
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012				< 0.0055	U							
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012				< 0.0053	U							
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012				< 0.0052	U							
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012				< 0.0054	U							
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012				< 0.0052	U							
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012				< 0.0051	U							
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012				< 0.0057	U							
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012				< 0.0055	U							
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012				< 0.0053	U							
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012				< 0.0053	U							
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013				< 0.0071	U							
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013				170								
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013				< 0.0078	U							
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013				156								
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015				< 0.0052	U							
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013				< 0.0062	U							
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013				< 0.0057	U							
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013				< 0.0055	U							
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013				0.00036	J							
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013				< 0.0058	U							
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013				< 0.006	U							
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013				< 0.0073	U	UJ						
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013				< 0.0064	U	UJ						
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013				< 0.0054	U	UJ						
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013				< 0.0055	U	UJ						
Public Works	GP-14	GP-14-13	13 ft	12/18/2012				< 0.0058	U							
Public Works	GP-14	GP-14-33	33 ft	12/18/2012				< 0.61	U							
Public Works	GP-14	GP-14-39	39 ft	12/18/2012				1.29								
Public Works	GP-14	GP-14-45	45 ft	12/18/2012				0.0136								
Public Works	GP-15	GP-15-19	19 ft	12/18/2012				0.548	J							
Public Works	GP-15	GP-15-29	29 ft	12/18/2012				< 0.0055	U							
Public Works	GP-15	GP-15-37	37 ft	12/18/2012				< 12	U							
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012				1.73								
Public Works	GP-15	GP-15-47	47 ft	12/18/2012				< 3	U							
Public Works	GP-15	GP-15-55	55 ft	12/18/2012				28.3								
Public Works	GP-15	GP-15-74	74 ft	12/21/2012				< 0.57	U							
Public Works	GP-15	GP-15-89	89 ft	12/21/2012				< 0.52	U							
Public Works	GP-16	GP-16-23	23 ft	1/3/2013				< 0.0065	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Nonane, 4-methyl- (mg/kg)			n-Propylbenzene (mg/kg)			Octane (mg/kg)			Octane, 2,6-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013				< 0.57	U							
Public Works	GP-16	GP-16-51	51 ft	1/3/2013				0.214	J							
Public Works	GP-16	GP-16-57	57 ft	1/3/2013				41.2								
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013				58.8								
Public Works	GP-16	GP-16-77	77 ft	1/3/2013				0.506								
Public Works	GP-16	GP-16-91	91 ft	1/7/2013				0.0013	J							
Public Works	GP-17	GP-17-15	15 ft	1/7/2013				1.74	J	J						
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013				2.69	J	J						
Public Works	GP-17	GP-17-45	45 ft	1/7/2013				< 4.1	U	UJ						
Public Works	GP-17	GP-17-57	57 ft	1/7/2013				< 5.9	U	UJ						
Public Works	GP-17	GP-17-65	65 ft	1/7/2013				0.173	J	J						
Public Works	GP-18	GP-18-21	21 ft	1/8/2013				< 1.8	U	UJ						
Public Works	GP-18	GP-18-37	37 ft	1/8/2013				< 5.1	U	UJ						
Public Works	GP-18	GP-18-53	53 ft	1/8/2013				< 6.7	U	UJ						
Public Works	GP-18	GP-18-63	63 ft	1/8/2013				0.785	J	J						
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009				< 0.004	U							
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009				< 0.004	U							
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009				< 0.004	U							
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008				< 0.00498	U							
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008				< 0.00549	U							
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008				< 0.0055	U							
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011				< 0.01	U							
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011				< 0.0063	U							
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011				< 0.7	U							
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011				< 0.28	U							
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011				8.94	J							
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011				0.631	J							
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011				0.328	J							
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011				0.168	J							
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011				0.0302	J							
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011				< 0.63	U							
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011				3.11								
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011				1.47								
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011				0.27	J							
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011				2.94	J							
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011				4.05								
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011				0.756	J							
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011				< 0.0052	U							
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011				< 2	U							
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011				0.16	J							
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009				< 0.004	U							
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010				< 0.005	U							
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010				< 0.005	U							
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009				0.003	J							
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009				< 0.005	U							
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010				< 0.006	U							
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010				< 0.005	U							
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010				0.071		J						
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010				0.439	D	J						
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008				< 0.00501	U							
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008				< 0.005	U							
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008				< 0.005	U							
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011				< 0.0061	U							
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011				< 33	U							
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011				< 23	U							
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011				< 0.0055	U							
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011				< 0.0062	U							
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011				< 0.0053	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Nonane, 4-methyl- (mg/kg)			n-Propylbenzene (mg/kg)			Octane (mg/kg)			Octane, 2,6-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011				< 3.1	U							
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011				< 2.5	U							
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011				< 0.0054	U							
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014				< 0.0055	U							
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014				< 0.0053	U							
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014				< 0.0054	U							
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011				< 0.0052	U							
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011				< 0.0056	U							
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011				< 0.0054	U							
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012				< 0.0052	U							
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012				< 0.0051	U							
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012				< 0.0053	U							
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012				0.0011	J							
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011				0.00087	J							
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011				0.0017	J							
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011				0.145	J							
WRR	GP-7	GP-7-25	3 ft	8/26/2009				< 0.005	U							
WRR	GP-7	GP-7-37	3 ft	8/26/2009				1.62		J						
WRR	GP-7	GP-7-37D	3 ft	8/26/2009				1.39		J						
WRR	GP-7	GP-7-41	3 ft	8/26/2009				3.02		J						
WRR	GP-8	GP-8-13	13 ft	8/26/2009				0.006								
WRR	GP-8	GP-8-35	35 ft	8/26/2009				0.001	J							
WRR	GP-8	GP-8-47	47 ft	8/26/2009				0.002	J	J						
WRR	GP-8	GP-8-47D	47 ft	8/26/2009				0.543		J						
WRR	GP-9	GP-9-18	18 ft	8/25/2009				19.9								
WRR	GP-9	GP-9-37	37 ft	8/25/2009				0.136								
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013				0.808	J							
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013				2.62								
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013				3.45								
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013				< 0.011	U							
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013				< 0.0052	U							
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013				< 0.0061	U							
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013				< 0.0057	U							
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013				4.88								
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013				56								
WRR	MW-06	B-6-04	4 ft	5/15/2008				< 0.00391	U							
WRR	MW-06	B-6-23	23 ft	5/19/2008				< 0.005	U							
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011				< 0.0064	U							
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011				0.0165								
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011				1.77								
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011				13.7								
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011				8.79								
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011				10.1								
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011				40.7								
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011				69.2								
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011				10.2								
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011				18.6								
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011				3.11								
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011				3.18	J							
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011				0.868								
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011				< 0.83	U							
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011				0.107								
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011				0.383	J							
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011				< 0.0057	U							
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011				0.0015	J							
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011				0.00093	J							
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011				0.00064	J							
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011				0.001	J							
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011				< 0.91	U							
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011				< 0.8	U							
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011				0.267	J							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Nonane, 4-methyl- (mg/kg)			n-Propylbenzene (mg/kg)			Octane (mg/kg)			Octane, 2,6-dimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011				12.4								
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011				111								
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011				0.457	J							
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011				0.0014	J							
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011				3.91								
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011				0.3	J							
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011				< 0.0058	U							
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011				0.102	J							
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013				< 0.8	U							
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013				0.0049	J							
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013				0.00086	J		0.0062	JN				
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013				0.0003	J							
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013				< 0.0062	U							
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011				0.00077	J							
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011				0.00068	J							
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011				0.00061	J							
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011				0.0025	J							
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011				< 0.0056	U							
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011				0.155	J							
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011				10.8								
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011				12.1								
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011				< 0.79	U							
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011				5.63								
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011				24.3								
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011				< 0.0065	U							
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011				< 0.0053	U							
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011				< 0.0058	U							
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011				0.0016	J							
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011				0.0072		J						
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.0058	U							
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015				< 0.0057	U							
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015				< 0.007	U							
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015				< 0.0056	U							
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011				2.11								
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011				0.0053	J							
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011				0.0509	J							
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011				26								
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011				2.33								
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011				2.81	J							
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011				0.533	J							
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011				0.491	J							
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011				0.0017	J							
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011				52	J							
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011				29.7								
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011				1.87								
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011				21.4								
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011				0.75								
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011				14.2								
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011				< 0.0054	U							
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011				2.35								
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011				27								
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011				0.188	J							
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011				0.665								
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011				9								
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011				8.64								
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011				0.825	J							
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011				0.431	J							
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011				0.0038	J							
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011				0.0018	J							
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011				0.004	J	J						
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011				0.004	J							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Nonane, 4-methyl- (mg/kg)**			**n-Propylbenzene (mg/kg)**			**Octane (mg/kg)**			**Octane, 2,6-dimethyl- (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011				0.0051	J	J						
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 0.0056	U							
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011				0.0122		J						
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013				0.00089	J							
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013				< 0.0058	U							
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013				< 0.0054	U							
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013				0.00056	J							
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.0064	U							
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013				< 0.0055	U							
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.0063	U							
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013				0.00055	J							
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013				< 0.0049	U							
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013				< 0.0057	U							
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013				0.00085	J							
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013				0.00058	J							
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.0061	U							
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013				0.00029	J							
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013				< 0.0053	U							
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013				< 0.0054	U							
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013				< 0.0048	U							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Octane, 2,7-dimethyl- (mg/kg)			Octane, 3-methyl- (mg/Kg)			Octane, 4-methyl- (mg/kg)			Oxalic acid, decyl propyl ester (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Octane, 2,7-dimethyl- (mg/kg)			Octane, 3-methyl- (mg/Kg)			Octane, 4-methyl- (mg/kg)			Oxalic acid, decyl propyl ester (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014							42	JN				
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015				3.6	T J N							
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Octane, 2,7-dimethyl- (mg/kg)			Octane, 3-methyl- (mg/Kg)			Octane, 4-methyl- (mg/kg)			Oxalic acid, decyl propyl ester (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Octane, 2,7-dimethyl- (mg/kg)			Octane, 3-methyl- (mg/Kg)			Octane, 4-methyl- (mg/kg)			Oxalic acid, decyl propyl ester (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Octane, 2,7-dimethyl- (mg/kg)			Octane, 3-methyl- (mg/Kg)			Octane, 4-methyl- (mg/kg)			Oxalic acid, decyl propyl ester (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Octane, 2,7-dimethyl- (mg/kg)			Octane, 3-methyl- (mg/Kg)			Octane, 4-methyl- (mg/kg)			Oxalic acid, decyl propyl ester (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013												
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Octane, 2,7-dimethyl- (mg/kg)**			**Octane, 3-methyl- (mg/Kg)**			**Octane, 4-methyl- (mg/kg)**			**Oxalic acid, decyl propyl ester (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013							0.014	JN		0.0085	JN	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Oxalic acid, hexyl tetradecyl ester (mg/kg)			Oxirane, ethyl- (mg/kg)			o-Xylenes (mg/kg)			Pentanal (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008							< 0.00394	U				
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008							< 0.006	U				
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008							< 0.00517	U				
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008							0.0246		J			
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008							< 0.005	U				
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008							< 0.00567	U				
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008							< 0.00479	U				
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008							< 0.00591	U				
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008							< 0.00498	U				
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008							< 0.00533	U				
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012							0.04	J	J			
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012							0.0281	J	J			
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012							0.0157	J	J			
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012							< 0.0021	U				
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012							< 0.0021	U				
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012							4.67					
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012							< 0.0022	U				
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012							282					
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012							12.7					
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012							172					
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012							0.234	J				
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012							1.34					
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012							< 0.23	U				
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012							< 0.25	U				
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012							0.0398	J				
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012							< 0.23	U				
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012							< 0.23	U				
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012							< 0.81	U				
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012							< 0.0032	U				
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012							0.00069	J				
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012							0.00078	J				
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012							361					
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012							339					
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012							0.941					
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015							0.0069					
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015							0.0122					
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015							0.0003	J				
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013							< 0.0024	U				
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013							< 0.0024	U				
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013							< 0.0023	U				
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013							< 0.0023	U				
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014							< 0.0023	U				
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014							< 0.29	U				
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014							< 0.25	U				
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014							< 0.0022	U				
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014							< 0.0035	U				
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014							< 0.0024	U				
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014							< 0.0021	U				
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014							< 0.0026	U				
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014							< 0.0023	U	UJ			
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011							< 0.0025	U				
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011							< 0.0025	U				
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011							< 0.0032	U				
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011							< 0.0027	U				
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011							< 0.0024	U				
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011							< 0.0023	U				
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011							0.0013	J				
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011							0.00065	J				
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011							< 0.0025	U				
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011							< 0.0023	U				
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011							0.0009	J				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Oxalic acid, hexyl tetradecyl ester (mg/kg)			Oxirane, ethyl- (mg/kg)			o-Xylenes (mg/kg)			Pentanal (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011							0.00087	J				
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011							< 0.0025	U				
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011							< 0.0031	U				
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011							< 0.24	U				
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011							< 0.45	U				
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011							< 0.26	U				
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011							< 0.23	U				
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011							< 0.0027	U				
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011							183					
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011							< 0.0024	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011							< 0.0024	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011							0.00054	J				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011							0.00064	J				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011							0.00069	J				
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011							< 0.0022	U				
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011							< 0.0023	U				
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011							< 0.25	U				
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011							< 0.0026	U				
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014							1.83					
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014							< 0.28	U				
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014							< 0.0024	U				
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014							18.6					
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014							0.00043	J				
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014							< 0.0024	U				
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014							154					
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015							< 0.0052	U				
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015							< 0.0059	U				
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015							< 0.0042	U		0.0044	T J N	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015							< 0.0045	U				
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015							< 0.0046	U				
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015							< 0.22	U				
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015							< 0.0048	U				
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015							< 0.26	U				
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011							< 0.002	U				
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011							0.00056	J				
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011							< 0.0023	U				
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011							< 0.0025	U				
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011							< 0.0028	U				
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015							< 0.0051	U				
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015							< 0.0051	U				
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011							0.00099	J	J			
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011							< 0.0028	U				
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015							< 0.0053	U				
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015							< 0.0051	U				
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015							< 0.0056	U				
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011							< 0.0022	U				
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011							< 0.0038	U				
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011							< 0.0056	U				
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011							< 0.0024	U				
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011							< 0.0026	U				
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011							< 0.0024	U				
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011							0.0024					
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011							0.0016	J				
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011							0.0208					
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015							< 0.0026	U				
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015							< 0.0024	U				
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015							0.00048	J				
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011							0.00081	J				
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011							0.00061	J				
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011							3.85					
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011							< 0.0025	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Oxalic acid, hexyl tetradecyl ester (mg/kg)			Oxirane, ethyl- (mg/kg)			o-Xylenes (mg/kg)			Pentanal (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011							< 0.003	U				
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011							< 0.35	U				
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011							0.002	J				
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012							0.00055	J				
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012							0.00053	J				
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012							< 0.0022	U				
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013							0.00058	J				
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013							0.00041	J				
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013							0.00031	J				
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012							0.00036	J				
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012							0.00043	J				
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012							0.00054	J				
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012							< 0.0027	U	UJ			
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012							0.00059	J				
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012							0.00072	J				
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012							0.00054	J				
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012							46.6					
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012							49.2					
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012							0.0808					
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012							< 0.0023	U				
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012							0.00036	J				
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012							0.00032	J				
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012							< 0.0022	U				
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012							< 0.0022	U				
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012							< 0.0021	U				
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012							< 0.0021	U				
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012							< 0.0021	U				
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012							< 0.0021	U				
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012							< 0.002	U				
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012							< 0.0023	U				
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012							< 0.0022	U				
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012							< 0.0021	U				
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012							0.00029	J				
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013							< 0.0028	U				
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013							919					
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013							< 0.0031	U				
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013							782					
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015							< 0.0052	U				
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013							< 0.0025	U				
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013							< 0.0023	U				
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013							< 0.0022	U				
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013							< 0.0023	U				
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013							< 0.0023	U				
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013							< 0.0024	U				
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013							0.0012	J				
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013							0.00085	J				
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013							< 0.0022	U				
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013							< 0.0022	U				
Public Works	GP-14	GP-14-13	13 ft	12/18/2012							< 0.0023	U				
Public Works	GP-14	GP-14-33	33 ft	12/18/2012							< 0.24	U				
Public Works	GP-14	GP-14-39	39 ft	12/18/2012							< 0.24	U				
Public Works	GP-14	GP-14-45	45 ft	12/18/2012							0.0026					
Public Works	GP-15	GP-15-19	19 ft	12/18/2012							0.294	J				
Public Works	GP-15	GP-15-29	29 ft	12/18/2012							0.00039	J				
Public Works	GP-15	GP-15-37	37 ft	12/18/2012							4.6	J				
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012							6.08					
Public Works	GP-15	GP-15-47	47 ft	12/18/2012							1.62					
Public Works	GP-15	GP-15-55	55 ft	12/18/2012							63					
Public Works	GP-15	GP-15-74	74 ft	12/21/2012							0.0966	J				
Public Works	GP-15	GP-15-89	89 ft	12/21/2012							< 0.21	U				
Public Works	GP-16	GP-16-23	23 ft	1/3/2013							< 0.0026	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Oxalic acid, hexyl tetradecyl ester (mg/kg)			Oxirane, ethyl- (mg/kg)			o-Xylenes (mg/kg)			Pentanal (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013							0.226	J				
Public Works	GP-16	GP-16-51	51 ft	1/3/2013							0.189	J				
Public Works	GP-16	GP-16-57	57 ft	1/3/2013							11.4		J			
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013							7.63		J			
Public Works	GP-16	GP-16-77	77 ft	1/3/2013							0.297					
Public Works	GP-16	GP-16-91	91 ft	1/7/2013							0.0029					
Public Works	GP-17	GP-17-15	15 ft	1/7/2013							2.84		J			
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013							4.76		J			
Public Works	GP-17	GP-17-45	45 ft	1/7/2013							0.945	J	J			
Public Works	GP-17	GP-17-57	57 ft	1/7/2013							< 2.4	U	UJ			
Public Works	GP-17	GP-17-65	65 ft	1/7/2013							0.23		J			
Public Works	GP-18	GP-18-21	21 ft	1/8/2013							< 0.72	U	UJ			
Public Works	GP-18	GP-18-37	37 ft	1/8/2013							0.798	J	J			
Public Works	GP-18	GP-18-53	53 ft	1/8/2013							< 2.7	U	UJ			
Public Works	GP-18	GP-18-63	63 ft	1/8/2013							< 1.1	U	UJ			
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009							< 0.004	U				
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009							< 0.004	U				
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009							< 0.004	U				
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008							< 0.00498	U				
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008							< 0.00549	U				
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008							< 0.0055	U				
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011							< 0.004	U				
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011							< 0.0025	U				
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011							0.201	J				
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011							< 0.11	U				
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011							< 5.2	U				
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011							0.209	J				
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011							0.0788	J				
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011							< 1.1	U				
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011							< 0.18	U				
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011							< 0.25	U				
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011							< 0.81	U				
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011							< 0.51	U				
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011							< 0.29	U				
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011							< 2.4	U				
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011							< 1	U				
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011							0.698	J				
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011							< 0.0021	U				
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011							< 0.78	U				
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011							< 0.26	U				
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009							< 0.005	U				
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009							< 0.005	U				
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009							< 0.004	U				
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010							< 0.005	U				
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010							< 0.005	U				
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009							0.002	J				
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009							< 0.005	U				
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009							< 0.005	U				
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010							< 0.006	U				
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010							< 0.005	U				
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010							0.001	J	J			
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010							0.01		J			
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008							< 0.00501	U				
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008							< 0.005	U				
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008							< 0.005	U				
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011							< 0.0024	U				
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011							< 13	U				
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011							< 9.2	U				
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011							< 0.0022	U				
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011							< 0.0025	U				
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011							< 0.0021	U				

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Oxalic acid, hexyl tetradecyl ester (mg/kg)			Oxirane, ethyl- (mg/kg)			o-Xylenes (mg/kg)			Pentanal (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011							< 1.2	U				
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011							< 1	U				
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011							< 0.0022	U				
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014							< 0.0022	U				
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014							< 0.0021	U				
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014							< 0.0022	U				
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011							< 0.0021	U				
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011							< 0.0022	U				
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011							< 0.0022	U				
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012							< 0.0021	U				
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012							< 0.0021	U				
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012							< 0.0021	U				
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012							0.00072	J				
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011							< 0.0026	U				
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011							< 0.0026	U				
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011							< 0.89	U				
WRR	GP-7	GP-7-25	3 ft	8/26/2009							0.002	J				
WRR	GP-7	GP-7-37	3 ft	8/26/2009							7.99		J			
WRR	GP-7	GP-7-37D	3 ft	8/26/2009							7.12		J			
WRR	GP-7	GP-7-41	3 ft	8/26/2009							16.4		J			
WRR	GP-8	GP-8-13	13 ft	8/26/2009							< 0.005	U				
WRR	GP-8	GP-8-35	35 ft	8/26/2009							< 0.005	U				
WRR	GP-8	GP-8-47	47 ft	8/26/2009							< 0.006	U	UJ			
WRR	GP-8	GP-8-47D	47 ft	8/26/2009							0.137	J	J			
WRR	GP-9	GP-9-18	18 ft	8/25/2009							69.2					
WRR	GP-9	GP-9-37	37 ft	8/25/2009							0.395	D				
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013							< 0.45	U				
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013							< 0.2	U				
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013							< 0.21	U				
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013							< 0.0043	U				
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013							< 0.0021	U				
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013							< 0.0024	U				
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013							< 0.0023	U				
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013							0.241	J				
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013							2.24					
WRR	MW-06	B-6-04	4 ft	5/15/2008							< 0.00391	U				
WRR	MW-06	B-6-23	23 ft	5/19/2008							< 0.005	U				
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011							0.00074	J				
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011							0.0016	J				
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011							0.287					
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011							50.7					
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011							30.5					
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011							1.98					
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011							16					
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011							4.59					
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011							< 0.57	U				
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011							62.4					
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011							0.0672	J				
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011							< 2.5	U				
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011							< 0.12	U				
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011							< 0.33	U				
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011							< 0.0023	U				
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011							0.197	J				
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011							< 0.0023	U				
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011							< 0.0022	U				
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011							< 0.0033	U				
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011							< 0.0022	U				
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011							0.0028					
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011							< 0.37	U				
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011							< 0.32	U				
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011							0.306	J				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Oxalic acid, hexyl tetradecyl ester (mg/kg)			Oxirane, ethyl- (mg/kg)			o-Xylenes (mg/kg)			Pentanal (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011							< 2.7	U				
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011							535					
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011							< 0.38	U				
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011							0.0017	J				
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011							4.45					
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011							0.0605	J				
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011							< 0.0023	U				
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011							< 0.24	U				
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013							< 0.32	U				
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013							0.0278		J			
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013							0.002	J	J			
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013							< 0.0021	U				
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013							< 0.0025	U				
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011							< 0.0024	U				
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011							0.00078	J				
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011							0.00078	J				
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011							0.0081					
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011							< 0.0022	U				
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011							0.0038		J			
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011							< 0.56	U				
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011							< 0.6	U				
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011							< 0.32	U				
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011							< 0.47	U				
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011							54.7					
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011							< 0.0026	U				
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011							< 0.0021	U				
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011							< 0.0023	U				
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011							0.0012	J				
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011							0.0017	J	J			
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011							< 0.0023	U				
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015							0.00043	J				
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015							< 0.0028	U				
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015							< 0.0023	U				
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011							< 0.52	U				
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011							0.0048					
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011							< 0.24	U				
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011							110					
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011							0.308	J				
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011							< 1.2	U				
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011							< 0.56	U				
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011							< 1.2	U				
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011							0.0072					
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011							219					
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011							< 10	U				
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011							0.141	J				
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011							48.3					
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011							< 0.24	U				
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011							< 1.9	U				
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011							< 0.0022	U				
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011							< 0.64	U				
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011							< 2.5	U				
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011							< 0.22	U				
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011							< 0.25	U				
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011							1.08	J				
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011							1.13					
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011							< 1	U				
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011							< 0.48	U				
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011							0.0011	J				
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011							0.00065	J				
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011							0.0028		J			
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011							0.0028					

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Oxalic acid, hexyl tetradecyl ester (mg/kg)			Oxirane, ethyl- (mg/kg)			o-Xylenes (mg/kg)			Pentanal (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011							0.0037		J			
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011							0.0012	J				
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011							0.0184		J			
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013							0.00066	J				
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013				0.11	JN		< 0.0023	U				
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013							< 0.0021	U				
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013							0.00059	J				
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013							< 0.0025	U				
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013							< 0.0022	U				
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013							< 0.0025	U				
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013							0.00054	J				
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013							< 0.002	U				
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013							0.00032	J				
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013							0.00066	J				
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	0.007	JN					0.00086	J				
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013							0.00038	J				
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013							0.00034	J				
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013							< 0.0021	U				
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013							< 0.0022	U				
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013							< 0.0019	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane (mg/kg)			Pentane, 2,2,3-trimethyl- (mg/kg)			Pentane, 2,2,4-trimethyl- (mg/kg)			Pentane, 2,3,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	0.0075	JN										
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	0.012	JN										
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	0.011	JN										
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	0.012	JN										
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	0.18	JN	J				0.3	JN	J	0.1	JN	J
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane (mg/kg)			Pentane, 2,2,3-trimethyl- (mg/kg)			Pentane, 2,2,4-trimethyl- (mg/kg)			Pentane, 2,3,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	0.007	JN										
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015							9.2	T J N				
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	0.0089	JN										
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	0.01	JN										
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane (mg/kg)			Pentane, 2,2,3-trimethyl- (mg/kg)			Pentane, 2,2,4-trimethyl- (mg/kg)			Pentane, 2,3,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013										0.044	JN	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	0.01	JN										
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	0.0048	JN										
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	0.0062	JN										
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	0.0086	JN										
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	0.0095	JN										
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane (mg/kg)			Pentane, 2,2,3-trimethyl- (mg/kg)			Pentane, 2,2,4-trimethyl- (mg/kg)			Pentane, 2,3,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane (mg/kg)			Pentane, 2,2,3-trimethyl- (mg/kg)			Pentane, 2,2,4-trimethyl- (mg/kg)			Pentane, 2,3,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	Pentane (mg/kg)			Pentane, 2,2,3-trimethyl- (mg/kg)			Pentane, 2,2,4-trimethyl- (mg/kg)			Pentane, 2,3,3-trimethyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013										3.9	JN	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	0.11	JN					0.066	JN				
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	0.017	JN										
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	0.021	JN					0.027	JN		0.025	JN	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	0.012	JN										
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	0.027	JN										
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	0.019	JN										
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	0.011	JN										
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Pentane (mg/kg)**			**Pentane, 2,2,3-trimethyl- (mg/kg)**			**Pentane, 2,2,4-trimethyl- (mg/kg)**			**Pentane, 2,3,3-trimethyl- (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	0.04	JN										
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	0.015	JN										
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	0.017	JN								0.021	JN	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	0.019	JN					0.059	JN		0.032	JN	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	0.017	JN										
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	0.015	JN								0.009	JN	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013							0.1	JN		0.066	JN	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	0.022	JN										
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	0.031	JN		0.013	JN					0.014	JN	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	0.013	JN										
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	0.06	JN								0.012	JN	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	0.0082	JN										
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	0.013	JN					0.054	JN		0.022	JN	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane, 2,3,4-trimethyl- (mg/kg)			Pentane, 2,3-dimethyl- (mg/kg)			Pentane, 2,4-dimethyl- (mg/kg)			Pentane, 2-methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014										0.0072	JN	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014										0.0066	JN	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014							0.14	JN				
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014				0.36	JN	J						
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane, 2,3,4-trimethyl- (mg/kg)			Pentane, 2,3-dimethyl- (mg/kg)			Pentane, 2,4-dimethyl- (mg/kg)			Pentane, 2-methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	28	JN		15	JN					2.5	JN	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	60	JN										
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	12	T J N		4.6	T J N							
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015										0.0077	JN	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane, 2,3,4-trimethyl- (mg/kg)			Pentane, 2,3-dimethyl- (mg/kg)			Pentane, 2,4-dimethyl- (mg/kg)			Pentane, 2-methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	0.033	JN		0.019	JN		0.014	JN				
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013										0.0055	JN	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane, 2,3,4-trimethyl- (mg/kg)			Pentane, 2,3-dimethyl- (mg/kg)			Pentane, 2,4-dimethyl- (mg/kg)			Pentane, 2-methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane, 2,3,4-trimethyl- (mg/kg)			Pentane, 2,3-dimethyl- (mg/kg)			Pentane, 2,4-dimethyl- (mg/kg)			Pentane, 2-methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane, 2,3,4-trimethyl- (mg/kg)			Pentane, 2,3-dimethyl- (mg/kg)			Pentane, 2,4-dimethyl- (mg/kg)			Pentane, 2-methyl- (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	2.7	JN					3	JN		2.6	JN	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	0.043	JN										
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013										0.012	JN	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	0.018	JN					0.023	JN		0.027	JN	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015										0.012	JN	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Pentane, 2,3,4-trimethyl- (mg/kg)**			**Pentane, 2,3-dimethyl- (mg/kg)**			**Pentane, 2,4-dimethyl- (mg/kg)**			**Pentane, 2-methyl- (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013										0.0085	JN	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	0.018	JN		0.042	JN		0.026	JN				
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013							0.046	JN				
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013										0.012	JN	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013				0.016	JN		0.013	JN		0.021	JN	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	0.057	JN					0.067	JN		0.11	JN	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013										0.013	JN	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	0.0082	JN										
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013										0.0099	JN	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	0.0076	JN		0.015	JN		0.02	JN		0.047	JN	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013										0.0052	JN	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	0.015	JN					0.068	JN				
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane, 3-ethyl-2-methyl- (mg/kg)			Pentane, 3-methyl- (mg/kg)			sec-Butylbenzene (mg/kg)			Spiro_4_4_nona-1,3-diene, 1,2-dimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008							< 0.00394	U				
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008							< 0.006	U				
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008							< 0.00517	U				
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008							0.0413		J			
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008							< 0.005	U				
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008							< 0.00567	U				
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008							< 0.00479	U				
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008							< 0.00591	U				
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008							< 0.00498	U				
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008							< 0.00533	U				
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012							< 0.56	U				
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012							< 0.56	U				
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012							< 0.27	U				
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012							< 0.0052	U				
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012							< 0.0051	U				
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012							1.97	J				
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012							< 0.0056	U				
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012							7.92					
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012							0.328	J				
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012							15.7					
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012							0.458	J				
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012							0.116	J				
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012							< 0.57	U				
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012							0.365	J				
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012							< 0.57	U				
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012							< 0.57	U				
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012							0.06	J				
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012							1.27	J				
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012							0.0058	J				
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012							< 0.0064	U				
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012							< 0.0076	U				
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012							12.4					
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012							10.9	J				
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012							0.166	J				
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015							0.002	J				
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015							0.0034	J				
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015							< 0.0045	U				
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013							< 0.0059	U				
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013							< 0.006	U				
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013							< 0.0057	U				
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013							< 0.0057	U				
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014							< 0.0057	U				
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014							< 0.72	U				
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014							< 0.64	U				
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014							< 0.0055	U				
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014							< 0.0088	U				
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014							< 0.0059	U				
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014							< 0.0054	U				
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014				0.2	JN		< 0.0066	U				
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014							< 0.0058	U	UJ			
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011							< 0.0063	U				
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011							< 0.0063	U				
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011							< 0.0079	U				
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011							< 0.0068	U				
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011							< 0.0061	U				
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011							< 0.0057	U				
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011							0.0035	J				
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011							< 0.0061	U				
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011							< 0.0063	U				
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011							< 0.0056	U				
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011							< 0.007	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane, 3-ethyl-2-methyl- (mg/kg)			Pentane, 3-methyl- (mg/kg)			sec-Butylbenzene (mg/kg)			Spiro_4_4_nona-1,3-diene, 1,2-dimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011							< 0.0068	U				
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011							< 0.0064	U				
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011							< 0.0077	U				
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011							< 0.59	U				
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011							< 1.1	U				
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011							< 0.64	U				
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011							< 0.58	U				
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011							< 0.0067	U				
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011							8.16	J				
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011							< 0.0059	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011							< 0.0059	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011							< 0.0053	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011							< 0.0054	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011							< 0.006	U				
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011							< 0.0055	U				
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011							< 0.0058	U				
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011							< 0.62	U				
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011							< 0.0066	U				
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014							< 0.87	U				
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014							0.573	J				
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014							< 0.0061	U				
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014							0.605	J				
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014							< 0.0059	U	UJ			
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014							< 0.0059	U				
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	110	JN					< 13	U				
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015							< 0.0052	U				
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015							< 0.0059	U				
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015							< 0.0042	U				
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015							< 0.0045	U				
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015							< 0.0046	U				
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015							0.87					
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015							< 0.0048	U				
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015							< 0.26	U		0.55	T J N	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011							< 0.0049	U				
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011							0.0056	J				
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011							< 0.0057	U				
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011							< 0.0061	U				
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011							< 0.007	U				
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015							< 0.0051	U				
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015							< 0.0051	U				
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011							0.0015	J	J			
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011							< 0.007	U				
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015							< 0.0053	U				
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015							< 0.0051	U				
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015							< 0.0056	U				
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011							< 0.0055	U				
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011							< 0.0094	U				
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011							< 0.014	U				
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011							< 0.0059	U				
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011							< 0.0066	U				
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011							< 0.006	U				
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011							< 0.0055	U				
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011							< 0.0057	U				
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011							< 0.0056	U				
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015							< 0.0066	U				
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015							< 0.0059	U				
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015							< 0.0056	U				
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011							< 0.0069	U				
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011							< 0.007	U				
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011							3.96					
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011							< 0.0064	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane, 3-ethyl-2-methyl- (mg/kg)			Pentane, 3-methyl- (mg/kg)			sec-Butylbenzene (mg/kg)			Spiro_4_4_nona-1,3-diene, 1,2-dimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011							< 0.0076	U				
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011							0.114	J				
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011							0.0116					
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012							< 0.0059	U				
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012							< 0.0057	U				
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012							< 0.0056	U				
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013							< 0.0075	U				
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013							< 0.0064	U				
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013							< 0.0061	U				
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012							< 0.0057	U				
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012							< 0.0058	U				
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012							< 0.0071	U				
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012							< 0.0067	U	UJ			
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012							< 0.0095	U				
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012							< 0.0053	U				
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012							< 0.0091	U				
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012							3.99					
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012							3.69					
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012							0.0071					
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012							< 0.0056	U				
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012							< 0.0052	U				
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012							< 0.0054	U				
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012							< 0.0054	U				
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012							< 0.0055	U				
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012							< 0.0053	U				
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012							< 0.0052	U				
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012							< 0.0054	U				
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012							< 0.0052	U				
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012							< 0.0051	U				
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012							< 0.0057	U				
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012							< 0.0055	U				
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012							< 0.0053	U				
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012							< 0.0053	U				
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013							< 0.0071	U				
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013							14.3	J				
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013							< 0.0078	U				
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013							13.6	J				
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015							< 0.0052	U				
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013							< 0.0062	U				
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013							< 0.0057	U				
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013							< 0.0055	U				
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013							< 0.0056	U				
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013							< 0.0058	U				
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013							< 0.006	U				
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013							0.00042	J				
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013							< 0.0064	U				
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013							< 0.0054	U				
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013							< 0.0055	U				
Public Works	GP-14	GP-14-13	13 ft	12/18/2012							< 0.0058	U				
Public Works	GP-14	GP-14-33	33 ft	12/18/2012							< 0.61	U				
Public Works	GP-14	GP-14-39	39 ft	12/18/2012							0.205	J				
Public Works	GP-14	GP-14-45	45 ft	12/18/2012							0.0016	J				
Public Works	GP-15	GP-15-19	19 ft	12/18/2012							1.41					
Public Works	GP-15	GP-15-29	29 ft	12/18/2012							< 0.0055	U				
Public Works	GP-15	GP-15-37	37 ft	12/18/2012							< 12	U				
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012							0.228	J				
Public Works	GP-15	GP-15-47	47 ft	12/18/2012							1.86	J				
Public Works	GP-15	GP-15-55	55 ft	12/18/2012							3.12	J				
Public Works	GP-15	GP-15-74	74 ft	12/21/2012							< 0.57	U				
Public Works	GP-15	GP-15-89	89 ft	12/21/2012							< 0.52	U				
Public Works	GP-16	GP-16-23	23 ft	1/3/2013							< 0.0065	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane, 3-ethyl-2-methyl- (mg/kg)			Pentane, 3-methyl- (mg/kg)			sec-Butylbenzene (mg/kg)			Spiro_4_4_nona-1,3-diene, 1,2-dimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013							< 0.57	U				
Public Works	GP-16	GP-16-51	51 ft	1/3/2013							0.0308	J				
Public Works	GP-16	GP-16-57	57 ft	1/3/2013							4.96					
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013							5.87					
Public Works	GP-16	GP-16-77	77 ft	1/3/2013							0.0725	J				
Public Works	GP-16	GP-16-91	91 ft	1/7/2013							< 0.0048	U				
Public Works	GP-17	GP-17-15	15 ft	1/7/2013							0.323	J	J			
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013							< 7	U	UJ			
Public Works	GP-17	GP-17-45	45 ft	1/7/2013							< 4.1	U	UJ			
Public Works	GP-17	GP-17-57	57 ft	1/7/2013							< 5.9	U	UJ			
Public Works	GP-17	GP-17-65	65 ft	1/7/2013							< 0.39	U	UJ			
Public Works	GP-18	GP-18-21	21 ft	1/8/2013							< 1.8	U	UJ			
Public Works	GP-18	GP-18-37	37 ft	1/8/2013							< 5.1	U	UJ			
Public Works	GP-18	GP-18-53	53 ft	1/8/2013							< 6.7	U	UJ			
Public Works	GP-18	GP-18-63	63 ft	1/8/2013							< 2.6	U	UJ			
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009							0.001	J				
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009							< 0.004	U				
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009							< 0.004	U				
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008							< 0.00498	U				
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008							< 0.00549	U				
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008							< 0.0055	U				
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011							< 0.01	U				
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011							< 0.0063	U				
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011							< 0.7	U				
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011							< 0.28	U				
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011							6.52	J				
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011							0.639	J				
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011							0.424	J				
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011							< 2.8	U				
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011							0.0454	J				
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011							< 0.63	U				
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011							0.48	J				
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011							0.124	J				
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011							< 0.73	U				
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011							1.96	J				
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011							2.97					
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011							0.207	J				
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011							< 0.0052	U				
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011							0.899	J				
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011							0.0976	J				
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009							< 0.005	U				
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009							< 0.005	U				
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009							< 0.004	U				
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010							< 0.005	U				
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010							< 0.005	U				
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009							< 0.009	U				
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009							< 0.005	U				
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009							< 0.005	U				
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010							< 0.006	U				
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010							< 0.005	U				
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010							0.029		J			
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010							0.105		J			
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008							< 0.00501	U				
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008							< 0.005	U				
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008							< 0.005	U				
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011							< 0.0061	U				
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011							< 33	U				
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011							< 23	U				
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011							< 0.0055	U				
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011							< 0.0062	U				
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011							< 0.0053	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane, 3-ethyl-2-methyl- (mg/kg)			Pentane, 3-methyl- (mg/kg)			sec-Butylbenzene (mg/kg)			Spiro_4_4_nona-1,3-diene, 1,2-dimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011							< 3.1	U				
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011							< 2.5	U				
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011							< 0.0054	U				
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014							< 0.0055	U				
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014							< 0.0053	U				
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014							< 0.0054	U				
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011							< 0.0052	U				
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011							< 0.0056	U				
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011							< 0.0054	U				
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012							< 0.0052	U				
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012							< 0.0051	U				
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012							< 0.0053	U				
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012							0.0012	J				
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011							0.0018	J				
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011							0.0025	J				
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011							0.377	J				
WRR	GP-7	GP-7-25	3 ft	8/26/2009							< 0.005	U				
WRR	GP-7	GP-7-37	3 ft	8/26/2009							0.121	J	J			
WRR	GP-7	GP-7-37D	3 ft	8/26/2009							0.103	J	J			
WRR	GP-7	GP-7-41	3 ft	8/26/2009							0.276	J	J			
WRR	GP-8	GP-8-13	13 ft	8/26/2009							0.002	J				
WRR	GP-8	GP-8-35	35 ft	8/26/2009							< 0.005	U				
WRR	GP-8	GP-8-47	47 ft	8/26/2009							< 0.006	U	UJ			
WRR	GP-8	GP-8-47D	47 ft	8/26/2009							0.063	J	J			
WRR	GP-9	GP-9-18	18 ft	8/25/2009							2.08	J				
WRR	GP-9	GP-9-37	37 ft	8/25/2009							0.031					
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013							0.35	J				
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013							0.902					
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013							1.18					
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013							0.00093	J				
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013							< 0.0052	U				
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013							< 0.0061	U				
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013							< 0.0057	U				
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013							2.32					
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013							22.8					
WRR	MW-06	B-6-04	4 ft	5/15/2008							< 0.00391	U				
WRR	MW-06	B-6-23	23 ft	5/19/2008							< 0.005	U				
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011							< 0.0064	U				
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011							0.0033	J				
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011							0.351	J				
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011							1.58	J				
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011							0.992	J				
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011							< 3.4	U				
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011							4.23	J				
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011							9.91					
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011							1.63					
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011							5.93	J				
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011							0.411	J				
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011							1.99	J				
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011							< 0.3	U				
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011							< 0.83	U				
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011							0.0636					
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011							0.196	J				
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011							< 0.0057	U				
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011							0.0016	J				
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011							< 0.0083	U				
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011							< 0.0054	U				
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011							0.001	J				
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011							< 0.91	U				
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011							< 0.8	U				
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011							0.0687	J				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane, 3-ethyl-2-methyl- (mg/kg)			Pentane, 3-methyl- (mg/kg)			sec-Butylbenzene (mg/kg)			Spiro_4_4_nona-1,3-diene, 1,2-dimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011							1.57	J				
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011							8.44	J				
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011							< 0.94	U				
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011							< 0.0055	U				
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011							0.819					
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011							0.155	J				
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011							< 0.0058	U				
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011							0.0644	J				
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013				2.6	JN		< 0.8	U				
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	0.074	JN		0.054	JN		0.0021	J				
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013				0.0068	JN		< 0.0058	U				
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013							0.00029	J				
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013							< 0.0062	U				
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011							< 0.0061	U				
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011							< 0.0057	U				
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011							< 0.0052	U				
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011							< 0.0061	U				
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011							< 0.0056	U				
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011							0.348		J			
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011							2.73					
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011							3.17					
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011							< 0.79	U				
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011							1.25					
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011							2.47	J				
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011							< 0.0065	U				
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011							< 0.0053	U				
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011							< 0.0058	U				
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011							< 0.0061	U				
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011							0.003	J	J			
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011							< 0.0058	U				
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015				0.0092	JN		< 0.0057	U				
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015				0.0073	JN		< 0.007	U				
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015							< 0.0056	U				
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011							0.94	J				
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011							< 0.0059	U				
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011							< 0.6	U				
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011							2.5	J				
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011							2.05					
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011							2.75	J				
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011							0.533	J				
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011							0.133	J				
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011							< 0.0057	U				
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011							6.25	J				
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011							3.99	J				
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011							0.254	J				
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011							4.21	J				
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011							< 0.61	U				
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011							< 4.8	U				
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011							< 0.0054	U				
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011							0.811	J				
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011							3.68	J				
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011							0.0682	J				
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011							0.203	J				
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011							2.01	J				
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011							1.72	J				
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011							0.531	J				
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011							0.325	J				
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011							0.0025	J				
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011							< 0.0058	U				
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011							< 0.0065	U				
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011							0.0023	J				

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Pentane, 3-ethyl-2-methyl- (mg/kg)			Pentane, 3-methyl- (mg/kg)			sec-Butylbenzene (mg/kg)			Spiro_4_4_nona-1,3-diene, 1,2-dimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011							0.0015	J	J			
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011							< 0.0056	U				
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011							0.0033	J	J			
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013				0.023	JN		< 0.0064	U				
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013							< 0.0058	U				
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013							< 0.0054	U				
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013							< 0.0063	U				
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013							< 0.0064	U				
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013							< 0.0055	U				
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013							< 0.0063	U				
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013				0.0075	JN		< 0.0063	U				
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013							< 0.0049	U				
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013				0.07	JN		0.00054	J				
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013				0.0078	JN		< 0.006	U				
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013							0.00027	J				
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013							< 0.0061	U				
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013				0.02	JN		< 0.0058	U				
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013							< 0.0053	U				
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013							< 0.0054	U				
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013							< 0.0048	U				

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Styrene (mg/kg)			Sulfurous acid, isobutyl 2-pentyl ester (mg/kg)			tert-Butylbenzene (mg/kg)			Tetrachloroethene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008	< 0.00394	U					< 0.00394	U		< 0.00394	U	
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008	< 0.006	U					< 0.006	U		< 0.006	U	
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008	< 0.00517	U					< 0.00517	U		< 0.00517	U	
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008	< 0.006	U					0.0136		J	< 0.006	U	
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008	< 0.005	U					< 0.005	U		< 0.005	U	
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008	< 0.00567	U					< 0.00567	U		< 0.00567	U	
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008	< 0.00479	U					< 0.00479	U		< 0.00479	U	
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008	< 0.00591	U					< 0.00591	U		< 0.00591	U	
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008	< 0.00498	U					< 0.00498	U		< 0.00498	U	
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008	< 0.00533	U					< 0.00533	U		< 0.00533	U	
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012	< 0.56	U					< 0.56	U		< 0.23	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012	< 0.56	U					< 0.56	U		< 0.22	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012	< 0.27	U					< 0.27	U		< 0.11	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012	< 0.0052	U					< 0.0052	U		< 0.0021	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012	< 0.0051	U					< 0.0051	U		< 0.0021	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012	< 3.3	U					< 3.3	U		< 1.3	U	
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012	< 0.0056	U					< 0.0056	U		< 0.0022	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012	< 7.5	U					< 7.5	U		< 3	U	
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012	< 0.58	U					< 0.58	U		< 0.23	U	
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012	< 13	U					< 13	U		< 5.2	U	
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012	< 0.74	U					< 0.74	U		< 0.29	U	
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012	< 0.67	U					< 0.67	U		< 0.27	U	
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012	< 0.57	U					< 0.57	U		< 0.23	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012	< 0.62	U					< 0.62	U		< 0.25	U	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012	< 0.57	U					< 0.57	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012	< 0.57	U					< 0.57	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012	< 0.57	U					< 0.57	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012	< 2	U					< 2	U		< 0.81	U	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012	< 0.0081	U					< 0.0081	U		< 0.0032	U	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012	< 0.0064	U					< 0.0064	U		< 0.0026	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012	< 0.0076	U					< 0.0076	U		< 0.003	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012	< 12	U					11.8	J		< 4.6	U	
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012	< 13	U					10	J		< 5.1	U	
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012	< 0.77	U					0.558	J		< 0.31	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 0.0079	U					< 0.0079	U		< 0.0032	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 0.0072	U					0.0006	J		< 0.0029	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.0045	U					< 0.0045	U		< 0.0018	U	
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013	< 0.0059	U					< 0.0059	U		< 0.0024	U	
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013	< 0.006	U					< 0.006	U		< 0.0024	U	
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013	< 0.0057	U					< 0.0057	U		< 0.0023	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013	< 0.0057	U					< 0.0057	U		< 0.0023	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.0057	U					< 0.0057	U		< 0.0023	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.72	U					< 0.72	U		< 0.29	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.64	U					< 0.64	U		< 0.25	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.0055	U					< 0.0055	U		< 0.0022	U	UJ
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.0088	U					< 0.0088	U		< 0.0035	U	UJ
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.0059	U					< 0.0059	U		< 0.0024	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.0054	U					< 0.0054	U		< 0.0021	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.0066	U					< 0.0066	U		< 0.0026	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.0058	U	UJ				< 0.0058	U	UJ	< 0.0023	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.0063	U					< 0.0063	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.0063	U					< 0.0063	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.0079	U					< 0.0079	U		< 0.0032	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.0068	U					< 0.0068	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.0061	U					< 0.0061	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.0057	U					< 0.0057	U		< 0.0023	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	0.0016	J					0.0029	J		< 0.0026	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.0061	U					< 0.0061	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.0063	U					< 0.0063	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.0056	U					< 0.0056	U		< 0.0023	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.007	U					< 0.007	U		< 0.0028	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Styrene (mg/kg)			Sulfurous acid, isobutyl 2-pentyl ester (mg/kg)			tert-Butylbenzene (mg/kg)			Tetrachloroethene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.0068	U					< 0.0068	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.0064	U					< 0.0064	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.0077	U					< 0.0077	U		< 0.0031	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.59	U					< 0.59	U		< 0.24	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 1.1	U					< 1.1	U		< 0.45	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.64	U					< 0.64	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.58	U					< 0.58	U		< 0.23	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.0067	U					< 0.0067	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 15	U					< 15	U		< 6.1	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.0059	U					< 0.0059	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.0059	U					< 0.0059	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.0053	U					< 0.0053	U		< 0.0021	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.0054	U					< 0.0054	U		< 0.0022	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.006	U					< 0.006	U		< 0.0024	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.0055	U					< 0.0055	U		< 0.0022	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.0058	U					< 0.0058	U		< 0.0023	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011	< 0.62	U					< 0.62	U		< 0.25	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.0066	U					< 0.0066	U		< 0.0026	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.87	U					< 0.87	U		< 0.35	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.71	U					< 0.71	U		< 0.28	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.0061	U					< 0.0061	U		< 0.0024	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.64	U					< 0.64	U		< 0.26	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.0059	U	UJ				< 0.0059	U	UJ	< 0.0024	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.0059	U					< 0.0059	U		< 0.0024	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 13	U					< 13	U		< 5.3	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0052	U					< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.0059	U					< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0042	U					< 0.0042	U		< 0.0042	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.0045	U					< 0.0045	U		< 0.0045	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0046	U					< 0.0046	U		< 0.0046	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.22	U					< 0.22	U		< 0.22	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.0048	U					< 0.0048	U		< 0.0048	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.26	U					< 0.26	U		< 0.26	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.0049	U					< 0.0049	U		< 0.002	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.006	U					< 0.006	U		< 0.0024	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.0057	U					< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.0061	U					< 0.0061	U		< 0.0025	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.007	U					< 0.007	U		< 0.0028	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0051	U					< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0051	U					< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.006	U					< 0.006	U		< 0.0024	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.007	U					< 0.007	U		< 0.0028	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.0053	U					< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.0051	U					< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.0056	U					< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011	< 0.0055	U					< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011	< 0.0094	U					< 0.0094	U		< 0.0038	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011	< 0.014	U					< 0.014	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011	< 0.0059	U					< 0.0059	U		< 0.0024	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0066	U					< 0.0066	U		< 0.0026	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011	< 0.006	U					< 0.006	U		< 0.0024	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011	< 0.0055	U					< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011	< 0.0057	U					< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0056	U					< 0.0056	U		< 0.0022	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.0066	U					< 0.0066	U		< 0.0026	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.0059	U					< 0.0059	U		< 0.0024	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.0056	U					< 0.0056	U		< 0.0022	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0069	U					< 0.0069	U		< 0.0028	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011	< 0.007	U					< 0.007	U		< 0.0028	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011	< 2.9	U					< 2.9	U		< 1.2	U	
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011	< 0.0064	U					< 0.0064	U		< 0.0025	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Styrene (mg/kg)			Sulfurous acid, isobutyl 2-pentyl ester (mg/kg)			tert-Butylbenzene (mg/kg)			Tetrachloroethene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0076	U					< 0.0076	U		< 0.003	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011	< 0.86	U					< 0.86	U		< 0.35	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011	< 0.0077	U					0.0024	J		< 0.0031	U	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012	< 0.0059	U					< 0.0059	U		< 0.0023	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012	< 0.0057	U					< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012	< 0.0056	U					< 0.0056	U		< 0.0022	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013	< 0.0075	U					< 0.0075	U		< 0.003	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013	< 0.0064	U					< 0.0064	U		< 0.0026	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013	< 0.0061	U					< 0.0061	U		< 0.0024	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012	< 0.0057	U					< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012	< 0.0058	U					< 0.0058	U		< 0.0023	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012	< 0.0071	U					< 0.0071	U		< 0.0029	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012	< 0.0067	U	UJ				< 0.0067	U	UJ	< 0.0027	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012	< 0.0095	U					< 0.0095	U		< 0.0038	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012	< 0.0053	U					< 0.0053	U		< 0.0021	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012	< 0.0091	U					< 0.0091	U		< 0.0036	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012	< 3	U					2.43	J		< 1.2	U	
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012	< 2.7	U					2.19	J		< 1.1	U	
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012	< 0.0048	U					0.0032	J		< 0.0019	U	
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012	< 0.0056	U					< 0.0056	U		< 0.0023	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012	< 0.0052	U					< 0.0052	U		< 0.0021	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012	< 0.0054	U					< 0.0054	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012	< 0.0054	U					< 0.0054	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012	< 0.0055	U					< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012	< 0.0053	U					< 0.0053	U		< 0.0021	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012	< 0.0052	U					< 0.0052	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012	< 0.0054	U					< 0.0054	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012	< 0.0052	U					< 0.0052	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012	< 0.0051	U					< 0.0051	U		< 0.002	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012	< 0.0057	U					< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012	< 0.0055	U					< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012	< 0.0053	U					< 0.0053	U		< 0.0021	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012	< 0.0053	U					< 0.0053	U		< 0.0021	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013	< 0.0071	U					< 0.0071	U		< 0.0028	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013	< 37	U					< 37	U		< 15	U	
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013	< 0.0078	U					< 0.0078	U		< 0.0031	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013	< 31	U					< 31	U		< 12	U	
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0052	U					< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.0062	U					< 0.0062	U		< 0.0025	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.0057	U					< 0.0057	U		< 0.0023	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.0055	U					< 0.0055	U		< 0.0022	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.0056	U					< 0.0056	U		< 0.0023	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.0058	U					< 0.0058	U		< 0.0023	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.006	U					< 0.006	U		< 0.0024	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 0.0073	U					< 0.0073	U		< 0.0029	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.0064	U					< 0.0064	U		< 0.0026	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.0054	U					< 0.0054	U		< 0.0022	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.0055	U					< 0.0055	U		< 0.0022	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012	< 0.0058	U					< 0.0058	U		< 0.0023	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012	< 0.61	U					< 0.61	U		< 0.24	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012	< 0.61	U					0.143	J		< 0.24	U	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012	< 0.0049	U					0.0011	J		< 0.002	U	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012	< 1.2	U					< 1.2	U		< 0.5	U	
Public Works	GP-15	GP-15-29	29 ft	12/18/2012	< 0.0055	U					< 0.0055	U		< 0.0022	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012	< 12	U					< 12	U		< 4.9	U	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012	< 0.55	U					< 0.55	U		< 0.22	U	
Public Works	GP-15	GP-15-47	47 ft	12/18/2012	< 3	U					< 3	U		< 1.2	U	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012	< 5	U					2.29	J		< 2	U	
Public Works	GP-15	GP-15-74	74 ft	12/21/2012	< 0.57	U					< 0.57	U		< 0.23	U	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012	< 0.52	U					< 0.52	U		< 0.21	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013	< 0.0065	U					< 0.0065	U		< 0.0026	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Styrene (mg/kg)			Sulfurous acid, isobutyl 2-pentyl ester (mg/kg)			tert-Butylbenzene (mg/kg)			Tetrachloroethene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013	< 0.57	U					< 0.57	U		< 0.23	U	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013	< 0.52	U					< 0.52	U		< 0.21	U	
Public Works	GP-16	GP-16-57	57 ft	1/3/2013	< 0.52	U					1.69			< 0.21	U	
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013	< 0.59	U					2.25			< 0.24	U	
Public Works	GP-16	GP-16-77	77 ft	1/3/2013	< 0.49	U					< 0.49	U		< 0.19	U	
Public Works	GP-16	GP-16-91	91 ft	1/7/2013	< 0.0048	U					< 0.0048	U		< 0.0019	U	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013	< 2.7	U	UJ				< 2.7	U	UJ	< 1.1	U	UJ
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013	< 7	U	UJ				< 7	U	UJ	< 2.8	U	UJ
Public Works	GP-17	GP-17-45	45 ft	1/7/2013	< 4.1	U	UJ				< 4.1	U	UJ	< 1.6	U	UJ
Public Works	GP-17	GP-17-57	57 ft	1/7/2013	< 5.9	U	UJ				< 5.9	U	UJ	< 2.4	U	UJ
Public Works	GP-17	GP-17-65	65 ft	1/7/2013	< 0.39	U	UJ				< 0.39	U	UJ	< 0.16	U	UJ
Public Works	GP-18	GP-18-21	21 ft	1/8/2013	< 1.8	U	UJ				< 1.8	U	UJ	< 0.72	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013	< 5.1	U	UJ				< 5.1	U	UJ	< 2	U	UJ
Public Works	GP-18	GP-18-53	53 ft	1/8/2013	< 6.7	U	UJ				< 6.7	U	UJ	< 2.7	U	UJ
Public Works	GP-18	GP-18-63	63 ft	1/8/2013	< 2.6	U	UJ				< 2.6	U	UJ	< 1.1	U	UJ
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009	< 0.004	U					0.002	J		< 0.004	U	
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009	< 0.004	U					< 0.004	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009	< 0.004	U					< 0.004	U		< 0.004	U	
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008	< 0.00498	U					< 0.00498	U		< 0.00498	U	
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008	< 0.00549	U					< 0.00549	U		< 0.00549	U	
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008	< 0.0055	U					< 0.0055	U		< 0.0055	U	
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011	< 0.01	U					< 0.01	U		< 0.004	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011	< 0.0063	U					< 0.0063	U		< 0.0025	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011	< 0.7	U					< 0.7	U		< 0.28	U	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011	< 0.28	U					< 0.28	U		< 0.11	U	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011	< 13	U					< 13	U		< 5.2	U	
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011	< 3.6	U					< 3.6	U		< 1.5	U	
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011	< 1.5	U					< 1.5	U		< 0.6	U	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011	< 2.8	U					< 2.8	U		< 1.1	U	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011	< 0.46	U					< 0.46	U		< 0.18	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011	< 0.63	U					< 0.63	U		< 0.25	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011	< 2	U					< 2	U		< 0.81	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011	< 1.3	U					< 1.3	U		< 0.51	U	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011	< 0.73	U					< 0.73	U		< 0.29	U	
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011	< 6.1	U					< 6.1	U		< 2.4	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011	< 2.6	U					< 2.6	U		< 1	U	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011	< 1.9	U					< 1.9	U		< 0.76	U	
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011	< 0.0052	U					< 0.0052	U		< 0.0021	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011	< 2	U					< 2	U		< 0.78	U	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011	< 0.64	U					0.0368	J		< 0.26	U	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009	< 0.004	U					< 0.004	U		< 0.004	U	
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009	< 0.009	U					0.005	J		< 0.009	U	
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010	< 0.006	U					< 0.006	U		< 0.006	U	
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010	< 0.004	U					0.012		J	< 0.004	U	
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010	< 0.005	U					0.044		J	< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008	< 0.00501	U					< 0.00501	U		< 0.00501	U	
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008	< 0.005	U					< 0.005	U		< 0.005	U	
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011	< 0.0061	U					< 0.0061	U		< 0.0024	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011	< 33	U					< 33	U		< 13	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011	< 23	U					< 23	U		< 9.2	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0055	U					< 0.0055	U		< 0.0022	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0062	U					< 0.0062	U		< 0.0025	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011	< 0.0053	U					< 0.0053	U		< 0.0021	U	

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Styrene (mg/kg)			Sulfurous acid, isobutyl 2-pentyl ester (mg/kg)			tert-Butylbenzene (mg/kg)			Tetrachloroethene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011	< 3.1	U					< 3.1	U		< 1.2	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011	< 2.5	U					< 2.5	U		< 1	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011	< 0.0054	U					< 0.0054	U		< 0.0022	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0055	U					< 0.0055	U		< 0.0022	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.0053	U					< 0.0053	U		< 0.0021	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0054	U					< 0.0054	U		< 0.0022	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011	< 0.0052	U					< 0.0052	U		< 0.0021	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011	< 0.0056	U					< 0.0056	U		< 0.0022	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011	< 0.0054	U					< 0.0054	U		< 0.0022	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012	< 0.0052	U					< 0.0052	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012	< 0.0051	U					< 0.0051	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012	< 0.0053	U					< 0.0053	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012	< 0.0051	U					< 0.0051	U		< 0.0021	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011	< 0.0065	U					< 0.0065	U		< 0.0026	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011	< 0.0065	U					0.0018	J		< 0.0026	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011	< 2.2	U					0.339	J		< 0.89	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009	< 0.005	U					< 0.005	U		< 0.005	U	
WRR	GP-7	GP-7-37	3 ft	8/26/2009	< 0.341	U	UJ				< 0.341	U	UJ	< 0.341	U	UJ
WRR	GP-7	GP-7-37D	3 ft	8/26/2009	< 0.318	U	UJ				< 0.318	U	UJ	< 0.318	U	UJ
WRR	GP-7	GP-7-41	3 ft	8/26/2009	< 0.657	U	UJ				< 0.657	U	UJ	< 0.657	U	UJ
WRR	GP-8	GP-8-13	13 ft	8/26/2009	< 0.005	U					< 0.005	U		< 0.005	U	
WRR	GP-8	GP-8-35	35 ft	8/26/2009	< 0.005	U					< 0.005	U		< 0.005	U	
WRR	GP-8	GP-8-47	47 ft	8/26/2009	< 0.006	U					< 0.006	U		< 0.006	U	
WRR	GP-8	GP-8-47D	47 ft	8/26/2009	< 0.235	U					< 0.235	U		< 0.235	U	
WRR	GP-9	GP-9-18	18 ft	8/25/2009	< 5.07	U					< 5.07	U		< 5.07	U	
WRR	GP-9	GP-9-37	37 ft	8/25/2009	< 0.006	U					< 0.006	U		< 0.006	U	
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 1.1	U					< 1.1	U		< 0.45	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.49	U					0.161	J		< 0.2	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.52	U					0.172	J		< 0.21	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.011	U					< 0.011	U		< 0.0043	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.0052	U					< 0.0052	U		< 0.0021	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.0061	U					< 0.0061	U		< 0.0024	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.0057	U					< 0.0057	U		< 0.0023	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 1	U					< 1	U		< 0.4	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 4.9	U					< 4.9	U		< 2	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008	< 0.00391	U					< 0.00391	U		< 0.00391	U	
WRR	MW-06	B-6-23	23 ft	5/19/2008	< 0.005	U					< 0.005	U		< 0.005	U	
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011	< 0.0064	U					< 0.0064	U		< 0.0026	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011	< 0.0071	U					< 0.0071	U		< 0.0029	U	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011	< 0.65	U					< 0.65	U		< 0.26	U	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011	< 3.1	U					0.321	J		< 1.2	U	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011	< 3	U					0.152	J		< 1.2	U	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 3.4	U					< 3.4	U		< 1.4	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011	< 12	U					< 12	U		< 5	U	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011	< 7.9	U					5.63	J		< 3.1	U	
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011	< 1.4	U					1.2	J		< 0.57	U	
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011	< 15	U					< 15	U		< 6	U	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 0.72	U					< 0.72	U		< 0.29	U	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011	< 6.2	U					< 6.2	U		< 2.5	U	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011	< 0.3	U					< 0.3	U		< 0.12	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011	< 0.83	U					< 0.83	U		< 0.33	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011	< 0.0058	U					0.0038	J		< 0.0023	U	
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 1.2	U					< 1.2	U		< 0.46	U	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011	< 0.0057	U					< 0.0057	U		< 0.0023	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.0055	U					0.00088	J		< 0.0022	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011	< 0.0083	U					< 0.0083	U		< 0.0033	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011	< 0.0054	U					< 0.0054	U		< 0.0022	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011	< 0.0056	U					< 0.0056	U		< 0.0022	U	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011	< 0.91	U					< 0.91	U		< 0.37	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011	< 0.8	U					< 0.8	U		< 0.32	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011	< 1	U					< 1	U		< 0.41	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Styrene (mg/kg)			Sulfurous acid, isobutyl 2-pentyl ester (mg/kg)			tert-Butylbenzene (mg/kg)			Tetrachloroethene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011	< 6.8	U					< 6.8	U		< 2.7	U	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011	< 15	U					< 15	U		< 6	U	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.94	U					< 0.94	U		< 0.38	U	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011	< 0.0055	U					< 0.0055	U		< 0.0022	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011	< 0.6	U					< 0.6	U		< 0.24	U	
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011	< 0.61	U					< 0.61	U		< 0.25	U	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.0058	U					< 0.0058	U		< 0.0023	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011	< 0.6	U					< 0.6	U		< 0.24	U	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.8	U					< 0.8	U		< 0.32	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.006	U					< 0.006	U		< 0.0024	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.0058	U					< 0.0058	U		< 0.0023	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.0052	U					< 0.0052	U		< 0.0021	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.0062	U					< 0.0062	U		< 0.0025	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011	< 0.0061	U					< 0.0061	U		< 0.0024	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011	< 0.0057	U					< 0.0057	U		< 0.0023	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011	< 0.0052	U					< 0.0052	U		< 0.0021	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.0061	U					< 0.0061	U		< 0.0025	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011	< 0.0056	U					< 0.0056	U		< 0.0022	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011	< 0.0055	U					0.0215		J	< 0.0022	U	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011	< 1.4	U					< 1.4	U		< 0.56	U	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011	< 1.5	U					< 1.5	U		< 0.6	U	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.79	U					< 0.79	U		< 0.32	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011	< 1.2	U					< 1.2	U		< 0.47	U	
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011	< 5.6	U					< 5.6	U		< 2.2	U	
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011	< 0.0065	U					< 0.0065	U		< 0.0026	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011	< 0.0053	U					< 0.0053	U		< 0.0021	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011	< 0.0058	U					< 0.0058	U		< 0.0023	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.0061	U					< 0.0061	U		< 0.0024	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0051	U					< 0.0051	U		< 0.002	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0058	U					< 0.0058	U		< 0.0023	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.0057	U					< 0.0057	U		< 0.0023	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.007	U					< 0.007	U		< 0.0028	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.0056	U					< 0.0056	U		< 0.0023	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 1.3	U					< 1.3	U		< 0.52	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0059	U					< 0.0059	U		< 0.0024	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.6	U					< 0.6	U		< 0.24	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011	< 6.2	U					< 6.2	U		< 2.5	U	
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011	< 1.6	U					< 1.6	U		< 0.63	U	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 3.1	U					< 3.1	U		< 1.2	U	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011	< 1.4	U					< 1.4	U		< 0.56	U	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 2.9	U					< 2.9	U		< 1.2	U	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0057	U					< 0.0057	U		< 0.0023	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 140	U					< 140	U		< 55	U	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 25	U					< 25	U		< 10	U	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.6	U					< 0.6	U		< 0.24	U	
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011	< 8.4	U					< 8.4	U		< 3.4	U	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011	< 0.61	U					< 0.61	U		< 0.24	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011	< 4.8	U					< 4.8	U		< 1.9	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011	< 0.0054	U					< 0.0054	U		< 0.0022	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011	< 1.6	U					< 1.6	U		< 0.64	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011	< 6.3	U					< 6.3	U		< 2.5	U	
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011	< 0.54	U					< 0.54	U		< 0.22	U	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011	< 0.62	U					< 0.62	U		< 0.25	U	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011	< 3	U					< 3	U		< 1.2	U	
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011	< 2.2	U					< 2.2	U		< 0.89	U	
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 2.5	U					< 2.5	U		< 1	U	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011	< 1.2	U					< 1.2	U		< 0.48	U	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0054	U					< 0.0054	U		< 0.0022	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0058	U					< 0.0058	U		< 0.0023	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011	< 0.0065	U					< 0.0065	U		< 0.0026	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011	< 0.0065	U					< 0.0065	U		< 0.0026	U	

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Styrene (mg/kg)			Sulfurous acid, isobutyl 2-pentyl ester (mg/kg)			tert-Butylbenzene (mg/kg)			Tetrachloroethene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 0.0069	U					< 0.0069	U		< 0.0028	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0056	U					< 0.0056	U		< 0.0022	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0064	U					< 0.0064	U		< 0.0026	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.0064	U					< 0.0064	U		< 0.0026	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.0058	U					< 0.0058	U		< 0.0023	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.0054	U					< 0.0054	U		< 0.0021	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.0063	U					< 0.0063	U		< 0.0025	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0064	U					< 0.0064	U		< 0.0025	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.0055	U					< 0.0055	U		< 0.0022	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0063	U					< 0.0063	U		< 0.0025	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.0063	U					< 0.0063	U		< 0.0025	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.0049	U					< 0.0049	U		< 0.002	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.0057	U					< 0.0057	U		< 0.0023	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.006	U					< 0.006	U		< 0.0024	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.0053	U					< 0.0053	U		< 0.0021	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0061	U					< 0.0061	U		< 0.0024	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0058	U		0.0073	JN		< 0.0058	U		< 0.0023	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.0053	U					< 0.0053	U		< 0.0021	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.0054	U					< 0.0054	U		< 0.0022	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.0048	U					< 0.0048	U		< 0.0019	U	

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Toluene (mg/kg)**			**trans-1,2-Dichloroethene (mg/kg)**			**trans-1,3-Dichloropropene (mg/kg)**			**Trichloroethene (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008	< 0.00394	U		< 0.00394	U		< 0.00394	U		< 0.00394	U	
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008	0.00204	J		< 0.006	U		< 0.006	U		< 0.006	U	
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008	< 0.00517	U		< 0.00517	U		< 0.00517	U		< 0.00517	U	
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008	0.0136		J	< 0.006	U		< 0.006	U		< 0.006	U	
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008	0.00137	J	J	< 0.00567	U		< 0.00567	U		< 0.00567	U	
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008	< 0.00479	U		< 0.00479	U		< 0.00479	U		< 0.00479	U	
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008	0.00176	J		< 0.00591	U		< 0.00591	U		< 0.00591	U	
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008	< 0.00498	U		< 0.00498	U		< 0.00498	U		< 0.00498	U	
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008	< 0.00533	U		< 0.00533	U		< 0.00533	U		< 0.00533	U	
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012	< 0.56	U		< 0.23	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012	< 0.56	U		< 0.22	U		< 0.22	U		< 0.22	U	
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012	< 0.27	U		< 0.11	U		< 0.11	U		< 0.11	U	
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012	< 0.0051	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012	0.833	J		< 1.3	U		< 1.3	U		< 1.3	U	
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012	< 0.0056	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012	283			< 3	U		< 3	U		< 3	U	
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012	4.1			< 0.23	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012	656			< 5.2	U		< 5.2	U		< 5.2	U	
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012	0.501	J		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012	0.506	J		< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012	< 0.57	U		< 0.23	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012	< 0.62	U		< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012	< 0.57	U		< 0.23	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012	< 0.57	U		< 0.23	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012	< 0.57	U		< 0.23	U		< 0.23	U		< 0.23	U	
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012	< 2	U		< 0.81	U		< 0.81	U		< 0.81	U	
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012	0.006	J		< 0.0032	U		< 0.0032	U		< 0.0032	U	
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012	0.0096			< 0.0026	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012	0.0099			< 0.003	U		< 0.003	U		< 0.003	U	
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012	358			< 4.6	U		< 4.6	U		< 4.6	U	
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012	318			< 5.1	U		< 5.1	U		< 5.1	U	
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012	< 0.77	U		< 0.31	U		< 0.31	U		< 0.31	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	0.00046	J		< 0.0032	U		< 0.0032	U		< 0.0032	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	0.0009	J		< 0.0029	U		< 0.0029	U		< 0.0029	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	0.00046	J		< 0.0018	U		< 0.0018	U		< 0.0018	U	
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013	< 0.0059	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013	0.0028	J		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013	0.0026	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013	0.0018	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	0.0012	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.72	U		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.64	U		< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	0.0017	J		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	0.0024	J		< 0.0035	U		< 0.0035	U		< 0.0035	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	0.0023	J		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	0.0018	J		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	0.0012	J		< 0.0026	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	0.0013	J	J	< 0.0023	U	UJ	< 0.0023	U	UJ	< 0.0023	U	UJ
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	0.007			< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	0.0043	J		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	0.009			< 0.0032	U		< 0.0032	U		< 0.0032	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	0.0074			< 0.0027	U		< 0.0027	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	0.0036	J		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	0.006			< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	0.0062	J		< 0.0026	U		< 0.0026	U		0.00081	J	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	0.0084			< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	0.0032	J		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	0.0034	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	0.0112			< 0.0028	U		< 0.0028	U		< 0.0028	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Toluene (mg/kg)			trans-1,2-Dichloroethene (mg/kg)			trans-1,3-Dichloropropene (mg/kg)			Trichloroethene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	0.0101			< 0.0027	U		< 0.0027	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.0064	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	0.0038	J		< 0.0031	U		< 0.0031	U		< 0.0031	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	0.0237	J		< 0.24	U		< 0.24	U		< 0.24	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 1.1	U		< 0.45	U		< 0.45	U		< 0.45	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	0.0336	J		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.58	U		< 0.23	U		< 0.23	U		< 0.23	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	0.0027	J		< 0.0027	U		< 0.0027	U		< 0.0027	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	225			< 6.1	U		< 6.1	U		< 6.1	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	0.0026	J		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.0059	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	0.0051	J		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	0.0046	J		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	0.0057	J		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	0.00059	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011	< 0.62	U		< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.0066	U		< 0.0026	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.87	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.71	U		< 0.28	U		< 0.28	U		< 0.28	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	0.0022	J	J	< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	7.76			< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	0.0025	J		< 0.0024	U	UJ	< 0.0024	U	UJ	< 0.0024	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	0.0022	J		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	320			< 5.3	U		< 5.3	U		< 5.3	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0052	U		< 0.0052	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	0.0049	J		< 0.0059	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0042	U		< 0.0042	U		< 0.0042	U		< 0.0042	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.0045	U		< 0.0045	U		< 0.0045	U		< 0.0045	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0046	U		< 0.0046	U		< 0.0046	U		< 0.0046	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.22	U		< 0.22	U		< 0.22	U		< 0.22	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	0.002	J		< 0.0048	U		< 0.0048	U		< 0.0048	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.26	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.0049	U		< 0.002	U		< 0.002	U		< 0.002	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	0.002	J		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	0.0049	J		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.007	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0051	U		< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	0.0085		J	< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	0.0039	J		< 0.0028	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	0.0036	J		< 0.0053	U		< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	0.003	J		< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	0.0027	J		< 0.0056	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011	0.0074			< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011	0.0057	J		< 0.0038	U		< 0.0038	U		< 0.0038	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011	< 0.014	U		< 0.0056	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011	0.006			< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011	0.0022	J		< 0.0026	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011	0.0056	J		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011	0.0132			< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011	0.0121			< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011	0.04			< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	0.0012	J		< 0.0026	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.0059	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	0.0026	J		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011	0.0037	J		< 0.0028	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011	0.0042	J		< 0.0028	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011	0.618	J		< 1.2	U		< 1.2	U		< 1.2	U	
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011	0.00067	J		< 0.0025	U		< 0.0025	U		< 0.0025	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Toluene (mg/kg)			trans-1,2-Dichloroethene (mg/kg)			trans-1,3-Dichloropropene (mg/kg)			Trichloroethene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011	0.003	J		< 0.003	U		< 0.003	U		< 0.003	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011	< 0.86	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011	0.0038	J		< 0.0031	U		< 0.0031	U		< 0.0031	U	
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012	0.0064			< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012	0.0064			< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012	0.0022	J		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013	0.0022	J		< 0.003	U		< 0.003	U		< 0.003	U	
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013	0.00055	J		< 0.0026	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013	< 0.0061	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012	0.0034	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012	0.0034	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012	0.0051	J		< 0.0029	U		< 0.0029	U		< 0.0029	U	
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012	0.0013	J	J	< 0.0027	U	UJ	< 0.0027	U	UJ	< 0.0027	U	UJ
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012	0.0059	J		< 0.0038	U		< 0.0038	U		< 0.0038	U	
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012	0.0053			< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012	0.0056	J		< 0.0036	U		< 0.0036	U		< 0.0036	U	
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012	0.937	J		< 1.2	U		< 1.2	U		< 1.2	U	
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012	1.29	J		< 1.1	U		< 1.1	U		< 1.1	U	
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012	0.033			< 0.0019	U		< 0.0019	U		< 0.0019	U	
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012	0.0021	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012	0.0026	J		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012	0.0028	J		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012	0.0033	J		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012	0.002	J		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012	0.0027	J		< 0.002	U		< 0.002	U		< 0.002	U	
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012	0.0021	J		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012	0.0021	J		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013	< 0.0071	U		< 0.0028	U		< 0.0028	U		< 0.0028	U	
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013	1980			< 15	U		< 15	U		< 15	U	
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013	< 0.0078	U		< 0.0031	U		< 0.0031	U		< 0.0031	U	
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013	1820			< 12	U		< 12	U		< 12	U	
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0052	U		< 0.0052	U		< 0.0052	U		< 0.0052	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	0.0055	J		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	0.0028	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	0.0043	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	0.0021	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.006	U		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	0.0029	J		< 0.0029	U		< 0.0029	U		< 0.0029	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	0.0033	J		< 0.0026	U		< 0.0026	U		< 0.0026	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	0.00094	J		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	0.00095	J		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works	GP-14	GP-14-13	13 ft	12/18/2012	< 0.0058	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
Public Works	GP-14	GP-14-33	33 ft	12/18/2012	< 0.61	U		< 0.24	U		< 0.24	U		< 0.24	U	
Public Works	GP-14	GP-14-39	39 ft	12/18/2012	< 0.61	U		< 0.24	U		< 0.24	U		< 0.24	U	
Public Works	GP-14	GP-14-45	45 ft	12/18/2012	0.0111			< 0.002	U		< 0.002	U		< 0.002	U	
Public Works	GP-15	GP-15-19	19 ft	12/18/2012	0.283	J		< 0.5	U		< 0.5	U		< 0.5	U	
Public Works	GP-15	GP-15-29	29 ft	12/18/2012	0.00099	J		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works	GP-15	GP-15-37	37 ft	12/18/2012	5.53	J		< 4.9	U		< 4.9	U		< 4.9	U	
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012	6.76			< 0.22	U		< 0.22	U		< 0.22	U	
Public Works	GP-15	GP-15-47	47 ft	12/18/2012	1.69	J		< 1.2	U		< 1.2	U		< 1.2	U	
Public Works	GP-15	GP-15-55	55 ft	12/18/2012	12.5			< 2	U		< 2	U		< 2	U	
Public Works	GP-15	GP-15-74	74 ft	12/21/2012	< 0.57	U		< 0.23	U		< 0.23	U		< 0.23	U	
Public Works	GP-15	GP-15-89	89 ft	12/21/2012	< 0.52	U		< 0.21	U		< 0.21	U		< 0.21	U	
Public Works	GP-16	GP-16-23	23 ft	1/3/2013	0.0028	J		< 0.0026	U		< 0.0026	U		< 0.0026	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Toluene (mg/kg)			trans-1,2-Dichloroethene (mg/kg)			trans-1,3-Dichloropropene (mg/kg)			Trichloroethene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013	0.999			< 0.23	U		< 0.23	U		< 0.23	U	
Public Works	GP-16	GP-16-51	51 ft	1/3/2013	0.141	J		< 0.21	U		< 0.21	U		< 0.21	U	
Public Works	GP-16	GP-16-57	57 ft	1/3/2013	76.8			< 0.21	U		< 0.21	U		< 0.21	U	
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013	94.3			< 0.24	U		< 0.24	U		< 0.24	U	
Public Works	GP-16	GP-16-77	77 ft	1/3/2013	0.608			< 0.19	U		< 0.19	U		< 0.19	U	
Public Works	GP-16	GP-16-91	91 ft	1/7/2013	0.004	J		< 0.0019	U		< 0.0019	U		< 0.0019	U	
Public Works	GP-17	GP-17-15	15 ft	1/7/2013	< 2.7	U	UJ	< 1.1	U	UJ	< 1.1	U	UJ	< 1.1	U	UJ
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013	< 7	U	UJ	< 2.8	U	UJ	< 2.8	U	UJ	< 2.8	U	UJ
Public Works	GP-17	GP-17-45	45 ft	1/7/2013	3.09	J	J	< 1.6	U	UJ	< 1.6	U	UJ	< 1.6	U	UJ
Public Works	GP-17	GP-17-57	57 ft	1/7/2013	< 5.9	U	UJ	< 2.4	U	UJ	< 2.4	U	UJ	< 2.4	U	UJ
Public Works	GP-17	GP-17-65	65 ft	1/7/2013	< 0.39	U	UJ	< 0.16	U	UJ	< 0.16	U	UJ	< 0.16	U	UJ
Public Works	GP-18	GP-18-21	21 ft	1/8/2013	< 1.8	U	UJ	< 0.72	U	UJ	< 0.72	U	UJ	< 0.72	U	UJ
Public Works	GP-18	GP-18-37	37 ft	1/8/2013	< 5.1	U	UJ	< 2	U	UJ	< 2	U	UJ	< 2	U	UJ
Public Works	GP-18	GP-18-53	53 ft	1/8/2013	< 6.7	U	UJ	< 2.7	U	UJ	< 2.7	U	UJ	< 2.7	U	UJ
Public Works	GP-18	GP-18-63	63 ft	1/8/2013	< 2.6	U	UJ	< 1.1	U	UJ	< 1.1	U	UJ	< 1.1	U	UJ
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008	< 0.00498	U		< 0.00498	U		< 0.00498	U		< 0.00498	U	
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008	0.00206	J		< 0.00549	U		< 0.00549	U		< 0.00549	U	
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008	0.00116	J		< 0.0055	U		< 0.0055	U		< 0.0055	U	
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011	0.0076	J		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011	0.0065			< 0.0025	U		< 0.0025	U		< 0.0025	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011	0.0704	J		< 0.28	U		< 0.28	U		< 0.28	U	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011	< 0.28	U		< 0.11	U		< 0.11	U		< 0.11	U	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011	< 13	U		< 5.2	U		< 5.2	U		< 5.2	U	
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011	< 3.6	U		< 1.5	U		< 1.5	U		< 1.5	U	
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011	< 1.5	U		< 0.6	U		< 0.6	U		< 0.6	U	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011	< 2.8	U		< 1.1	U		< 1.1	U		< 1.1	U	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011	< 0.46	U		< 0.18	U		< 0.18	U		< 0.18	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011	< 0.63	U		< 0.25	U		< 0.25	U		< 0.25	U	
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011	< 2	U		< 0.81	U		< 0.81	U		< 0.81	U	
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011	< 1.3	U		< 0.51	U		< 0.51	U		< 0.51	U	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011	< 0.73	U		< 0.29	U		< 0.29	U		< 0.29	U	
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011	< 6.1	U		< 2.4	U		< 2.4	U		< 2.4	U	
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011	< 2.6	U		< 1	U		< 1	U		< 1	U	
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011	< 1.9	U		< 0.76	U		< 0.76	U		< 0.76	U	
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011	< 2	U		< 0.78	U		< 0.78	U		< 0.78	U	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011	< 0.64	U		< 0.26	U		< 0.26	U		< 0.26	U	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009	< 0.004	U		< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009	< 0.009	U		< 0.009	U		< 0.009	U		< 0.009	U	
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010	< 0.006	U		< 0.006	U		< 0.006	U		< 0.006	U	
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010	0.002	J	J	< 0.004	U		< 0.004	U		< 0.004	U	
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010	0.009		J	< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008	< 0.00501	U		< 0.00501	U		< 0.00501	U		< 0.00501	U	
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008	0.00115	J		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008	0.00109	J		< 0.005	U		< 0.005	U		< 0.005	U	
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011	0.0044	J		< 0.0024	U		< 0.0024	U		< 0.0024	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011	< 33	U		< 13	U		< 13	U		< 13	U	
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011	< 23	U		< 9.2	U		< 9.2	U		< 9.2	U	
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011	0.0024	J		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011	0.0032	J		< 0.0025	U		< 0.0025	U		< 0.0025	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Toluene (mg/kg)			trans-1,2-Dichloroethene (mg/kg)			trans-1,3-Dichloropropene (mg/kg)			Trichloroethene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011	< 3.1	U		< 1.2	U		< 1.2	U		< 1.2	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011	< 2.5	U		< 1	U		< 1	U		< 1	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011	0.0019	J		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0055	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	0.00056	J		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011	0.0035	J		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011	0.00072	J		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011	0.0016	J		< 0.0022	U		< 0.0022	U		< 0.0022	U	
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012	< 0.0052	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012	< 0.0051	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012	< 0.0053	U		< 0.0021	U		< 0.0021	U		< 0.0021	U	
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012	0.0011	J		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011	0.0036	J		< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011	0.0029	J		< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011	< 2.2	U		< 0.89	U		< 0.89	U		< 0.89	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
WRR	GP-7	GP-7-37	3 ft	8/26/2009	3.45		J	< 0.341	U	UJ	< 0.341	U	UJ	< 0.341	U	UJ
WRR	GP-7	GP-7-37D	3 ft	8/26/2009	3.05		J	< 0.318	U	UJ	< 0.318	U	UJ	< 0.318	U	UJ
WRR	GP-7	GP-7-41	3 ft	8/26/2009	1.86		J	< 0.657	U	UJ	< 0.657	U	UJ	< 0.657	U	UJ
WRR	GP-8	GP-8-13	13 ft	8/26/2009	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
WRR	GP-8	GP-8-35	35 ft	8/26/2009	0.001	J		< 0.005	U		< 0.005	U		< 0.005	U	
WRR	GP-8	GP-8-47	47 ft	8/26/2009	< 0.006	U	UJ	< 0.006	U		< 0.006	U		< 0.006	U	
WRR	GP-8	GP-8-47D	47 ft	8/26/2009	0.059	J	J	< 0.235	U		< 0.235	U		< 0.235	U	
WRR	GP-9	GP-9-18	18 ft	8/25/2009	94.2			< 5.07	U		< 5.07	U		< 5.07	U	
WRR	GP-9	GP-9-37	37 ft	8/25/2009	0.008			< 0.006	U		< 0.006	U		< 0.006	U	
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 1.1	U		< 0.45	U		< 0.45	U		< 0.45	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.49	U		< 0.2	U		< 0.2	U		< 0.2	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.52	U		< 0.21	U		< 0.21	U		< 0.21	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	0.0089	J		< 0.0043	U		< 0.0043	U		< 0.0043	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	0.0024	J		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	0.0056	J		< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	0.0035	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 1	U		< 0.4	U		< 0.4	U		< 0.4	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 4.9	U		< 2	U		< 2	U		< 2	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008	< 0.00391	U		< 0.00391	U		< 0.00391	U		< 0.00391	U	
WRR	MW-06	B-6-23	23 ft	5/19/2008	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011	0.006	J		< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011	0.008			< 0.0029	U		< 0.0029	U		< 0.0029	U	
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011	< 0.65	U		< 0.26	U		< 0.26	U		< 0.26	U	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011	16.3		J	< 1.2	U		< 1.2	U		< 1.2	U	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011	9.37		J	< 1.2	U		< 1.2	U		< 1.2	U	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 3.4	U		< 1.4	U		< 1.4	U		< 1.4	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011	1.19	J		< 5	U		< 5	U		< 5	U	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011	0.703	J		< 3.1	U		< 3.1	U		< 3.1	U	
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011	0.0952	J		< 0.57	U		< 0.57	U		< 0.57	U	
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011	311			< 6	U		< 6	U		< 6	U	
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 0.72	U		< 0.29	U		< 0.29	U		< 0.29	U	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011	< 6.2	U		< 2.5	U		< 2.5	U		< 2.5	U	
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011	< 0.3	U		< 0.12	U		< 0.12	U		< 0.12	U	
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011	< 0.83	U		< 0.33	U		< 0.33	U		< 0.33	U	
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011	0.0051	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011	0.0817	J		< 0.46	U		< 0.46	U		< 0.46	U	
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011	< 0.0057	U		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011	0.0026	J		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011	0.0085			< 0.0033	U		< 0.0033	U		< 0.0033	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011	0.0061			< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011	0.0535			< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011	< 0.91	U		< 0.37	U		< 0.37	U		< 0.37	U	
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011	< 0.8	U		< 0.32	U		< 0.32	U		< 0.32	U	
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011	0.113	J		< 0.41	U		< 0.41	U		< 0.41	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Toluene (mg/kg)			trans-1,2-Dichloroethene (mg/kg)			trans-1,3-Dichloropropene (mg/kg)			Trichloroethene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011	< 6.8	U		< 2.7	U		< 2.7	U		< 2.7	U	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011	945			< 6	U		< 6	U		< 6	U	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.94	U		< 0.38	U		< 0.38	U		< 0.38	U	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011	0.0089			< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011	2.03			< 0.24	U		< 0.24	U		< 0.24	U	
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011	< 0.61	U		< 0.25	U		< 0.25	U		< 0.25	U	
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011	0.0032	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011	< 0.6	U		< 0.24	U		< 0.24	U		< 0.24	U	
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.8	U		< 0.32	U		< 0.32	U		< 0.32	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	0.0054	J		< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	0.0043	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	0.0029	J		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	0.003	J	J	< 0.0025	U		< 0.0025	U		< 0.0025	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011	0.0077			< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011	0.0058			< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011	0.0055			< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011	0.0285			< 0.0025	U		< 0.0025	U		< 0.0025	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011	0.0072			< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011	0.0289		J	< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011	< 1.4	U		< 0.56	U		< 0.56	U		< 0.56	U	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011	< 1.5	U		< 0.6	U		< 0.6	U		< 0.6	U	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.79	U		< 0.32	U		< 0.32	U		< 0.32	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011	< 1.2	U		< 0.47	U		< 0.47	U		< 0.47	U	
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011	6.78			< 2.2	U		< 2.2	U		< 2.2	U	
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011	0.0067			< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011	0.0042	J		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011	0.0062			< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011	0.0106			< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011	0.0121		J	< 0.002	U		< 0.002	U		< 0.002	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011	0.0065			< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	0.0046	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	0.0039	J		< 0.0028	U		< 0.0028	U		< 0.0028	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	0.0018	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011	0.24	J		< 0.52	U		< 0.52	U		< 0.52	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011	0.0035	J		< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.6	U		< 0.24	U		< 0.24	U		< 0.24	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011	82.9			< 2.5	U		< 2.5	U		< 2.5	U	
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011	< 1.6	U		< 0.63	U		< 0.63	U		< 0.63	U	
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 3.1	U		< 1.2	U		< 1.2	U		< 1.2	U	
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011	< 1.4	U		< 0.56	U		< 0.56	U		< 0.56	U	
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 2.9	U		< 1.2	U		< 1.2	U		< 1.2	U	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011	0.0073			< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011	358			< 55	U		< 55	U		< 55	U	
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 25	U		< 10	U		< 10	U		< 10	U	
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011	0.0956	J		< 0.24	U		< 0.24	U		< 0.24	U	
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011	12.4			< 3.4	U		< 3.4	U		< 3.4	U	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011	< 0.61	U		< 0.24	U		< 0.24	U		< 0.24	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011	< 4.8	U		< 1.9	U		< 1.9	U		< 1.9	U	
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011	< 0.0054	U		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011	< 1.6	U		< 0.64	U		< 0.64	U		< 0.64	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011	< 6.3	U		< 2.5	U		< 2.5	U		< 2.5	U	
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011	< 0.54	U		< 0.22	U		< 0.22	U		< 0.22	U	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011	< 0.62	U		< 0.25	U		< 0.25	U		< 0.25	U	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011	< 3	U		< 1.2	U		< 1.2	U		< 1.2	U	
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011	< 2.2	U		< 0.89	U		< 0.89	U		< 0.89	U	
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 2.5	U		< 1	U		< 1	U		< 1	U	
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011	< 1.2	U		< 0.48	U		< 0.48	U		< 0.48	U	
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011	0.0057			< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011	0.0037	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011	0.01		J	< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011	0.0093			< 0.0026	U		< 0.0026	U		< 0.0026	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	Toluene (mg/kg)			trans-1,2-Dichloroethene (mg/kg)			trans-1,3-Dichloropropene (mg/kg)			Trichloroethene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011	0.0112		J	< 0.0028	U		< 0.0028	U		< 0.0028	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011	0.0046	J		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011	0.0163		J	< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	0.0078			< 0.0026	U		< 0.0026	U		< 0.0026	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	0.0013	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	0.0003	J		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	0.0047	J		< 0.0025	U		< 0.0025	U		< 0.0025	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	0.0014	J		< 0.0025	U		< 0.0025	U		< 0.0025	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	0.00035	J		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	0.0015	J		< 0.0025	U		< 0.0025	U		< 0.0025	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	0.0049	J		< 0.0025	U		< 0.0025	U		< 0.0025	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.0049	U		< 0.002	U		< 0.002	U		< 0.002	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	0.0012	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	0.0057	J		< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	0.005	J		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	0.0017	J		< 0.0024	U		< 0.0024	U		< 0.0024	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	0.0019	J		< 0.0023	U		< 0.0023	U		< 0.0023	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	0.0021	J		< 0.0021	U		< 0.0021	U		< 0.0021	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	0.0027	J		< 0.0022	U		< 0.0022	U		< 0.0022	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	0.0012	J		< 0.0019	U		< 0.0019	U		< 0.0019	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Trichlorofluoromethane (mg/kg)			Tridecane (mg/kg)			Undecane (mg/kg)			Undecane, 2,6-dimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008	< 0.00394	U										
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008	< 0.006	U										
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008	< 0.00517	U										
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008	< 0.006	U										
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008	< 0.005	U										
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008	< 0.00567	U										
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008	< 0.00479	U										
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008	< 0.00591	U										
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008	< 0.00498	U										
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008	< 0.00533	U										
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012	< 0.23	U										
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012	< 0.22	U										
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012	< 0.11	U										
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012	< 0.0021	U										
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012	< 0.0021	U										
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012	< 1.3	U										
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012	< 0.0022	U										
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012	< 3	U										
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012	< 0.23	U										
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012	< 5.2	U										
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012	< 0.29	U										
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012	< 0.27	U										
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012	< 0.23	U										
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012	< 0.25	U										
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012	< 0.23	U										
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012	< 0.23	U										
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012	< 0.23	U										
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012	< 0.81	U										
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012	< 0.0032	U										
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012	< 0.0026	U										
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012	< 0.003	U										
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012	< 4.6	U										
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012	< 5.1	U										
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012	< 0.31	U										
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 0.0032	U										
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 0.0029	U										
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.0018	U										
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013	< 0.0024	U										
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013	< 0.0024	U										
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013	< 0.0023	U										
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013	< 0.0023	U										
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.0023	U	UJ									
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.29	U										
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.25	U										
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.0022	U	UJ									
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.0035	U	UJ									
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.0024	U										
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.0021	U										
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.0026	U										
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.0023	U	UJ									
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.0025	U										
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.0025	U										
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.0032	U										
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.0027	U										
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.0024	U										
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.0023	U										
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.0026	U										
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.0024	U										
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.0025	U										
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.0023	U										
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.0028	U										

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Trichlorofluoromethane (mg/kg)			Tridecane (mg/kg)			Undecane (mg/kg)			Undecane, 2,6-dimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.0027	U										
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.0025	U										
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.0031	U										
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.24	U										
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.45	U										
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.26	U										
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.23	U										
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.0027	U										
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 6.1	U										
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.0024	U										
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.0024	U										
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.0021	U										
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.0022	U										
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.0024	U										
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.0022	U										
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.0023	U										
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011	< 0.25	U										
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.0026	U										
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.35	U		2	JN		4.3	JN				
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.28	U										
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.0024	U										
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.26	U										
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.0024	U	UJ									
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.0024	U										
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 5.3	U										
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0052	U										
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.0059	U										
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0042	U										
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.0045	U										
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0046	U										
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.22	U								2.3	T J N	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.0048	U										
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.26	U										
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.002	U										
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.0024	U										
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.0023	U										
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.0025	U										
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.0028	U										
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0051	U										
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0051	U										
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.0024	U										
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.0028	U										
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.0053	U										
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.0051	U										
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.0056	U										
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011	< 0.0022	U										
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011	< 0.0038	U										
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011	< 0.0056	U										
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011	< 0.0024	U										
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0026	U										
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011	< 0.0024	U										
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011	< 0.0022	U										
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011	< 0.0023	U										
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011	< 0.0022	U										
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.0026	U										
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.0024	U										
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.0022	U										
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011	< 0.0028	U										
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011	< 0.0028	U										
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011	< 1.2	U										
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011	< 0.0025	U										

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Trichlorofluoromethane (mg/kg)			Tridecane (mg/kg)			Undecane (mg/kg)			Undecane, 2,6-dimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011	< 0.003	U										
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011	< 0.35	U										
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011	< 0.0031	U										
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012	< 0.0023	U										
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012	< 0.0023	U										
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012	< 0.0022	U										
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013	< 0.003	U										
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013	< 0.0026	U										
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013	< 0.0024	U										
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012	< 0.0023	U										
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012	< 0.0023	U										
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012	< 0.0029	U										
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012	< 0.0027	U	UJ									
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012	< 0.0038	U										
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012	< 0.0021	U										
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012	< 0.0036	U										
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012	< 1.2	U										
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012	< 1.1	U										
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012	< 0.0019	U										
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012	< 0.0023	U										
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012	< 0.0021	U										
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012	< 0.0022	U										
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012	< 0.0022	U										
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012	< 0.0022	U										
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012	< 0.0021	U										
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012	< 0.0021	U										
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012	< 0.0021	U										
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012	< 0.0021	U										
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012	< 0.002	U										
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012	< 0.0023	U										
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012	< 0.0022	U										
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012	< 0.0021	U										
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012	< 0.0021	U										
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013	< 0.0028	U										
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013	< 15	U										
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013	< 0.0031	U										
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013	< 12	U										
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0052	U										
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.0025	U										
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.0023	U										
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.0022	U										
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.0023	U										
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.0023	U										
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.0024	U										
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 0.0029	U										
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.0026	U										
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.0022	U										
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.0022	U										
Public Works	GP-14	GP-14-13	13 ft	12/18/2012	< 0.0023	U										
Public Works	GP-14	GP-14-33	33 ft	12/18/2012	< 0.24	U										
Public Works	GP-14	GP-14-39	39 ft	12/18/2012	< 0.24	U										
Public Works	GP-14	GP-14-45	45 ft	12/18/2012	< 0.002	U										
Public Works	GP-15	GP-15-19	19 ft	12/18/2012	< 0.5	U										
Public Works	GP-15	GP-15-29	29 ft	12/18/2012	< 0.0022	U										
Public Works	GP-15	GP-15-37	37 ft	12/18/2012	< 4.9	U										
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012	< 0.22	U										
Public Works	GP-15	GP-15-47	47 ft	12/18/2012	< 1.2	U										
Public Works	GP-15	GP-15-55	55 ft	12/18/2012	< 2	U										
Public Works	GP-15	GP-15-74	74 ft	12/21/2012	< 0.23	U										
Public Works	GP-15	GP-15-89	89 ft	12/21/2012	< 0.21	U										
Public Works	GP-16	GP-16-23	23 ft	1/3/2013	< 0.0026	U										

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Trichlorofluoromethane (mg/kg)			Tridecane (mg/kg)			Undecane (mg/kg)			Undecane, 2,6-dimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013	< 0.23	U										
Public Works	GP-16	GP-16-51	51 ft	1/3/2013	< 0.21	U										
Public Works	GP-16	GP-16-57	57 ft	1/3/2013	< 0.21	U										
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013	< 0.24	U										
Public Works	GP-16	GP-16-77	77 ft	1/3/2013	< 0.19	U										
Public Works	GP-16	GP-16-91	91 ft	1/7/2013	< 0.0019	U										
Public Works	GP-17	GP-17-15	15 ft	1/7/2013	< 1.1	U	UJ									
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013	< 2.8	U	UJ									
Public Works	GP-17	GP-17-45	45 ft	1/7/2013	< 1.6	U	UJ									
Public Works	GP-17	GP-17-57	57 ft	1/7/2013	< 2.4	U	UJ									
Public Works	GP-17	GP-17-65	65 ft	1/7/2013	< 0.16	U	UJ									
Public Works	GP-18	GP-18-21	21 ft	1/8/2013	< 0.72	U	UJ									
Public Works	GP-18	GP-18-37	37 ft	1/8/2013	< 2	U	UJ									
Public Works	GP-18	GP-18-53	53 ft	1/8/2013	< 2.7	U	UJ									
Public Works	GP-18	GP-18-63	63 ft	1/8/2013	< 1.1	U	UJ									
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009	< 0.004	U										
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009	< 0.004	U										
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009	< 0.004	U										
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008	< 0.00498	U										
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008	< 0.00549	U										
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008	< 0.0055	U										
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011	< 0.004	U										
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011	< 0.0025	U										
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011	< 0.28	U										
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011	< 0.11	U										
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011	< 5.2	U										
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011	< 1.5	U										
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011	< 0.6	U										
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011	< 1.1	U										
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011	< 0.18	U										
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011	< 0.25	U										
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011	< 0.81	U										
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011	< 0.51	U										
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011	< 0.29	U										
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011	< 2.4	U										
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011	< 1	U										
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011	< 0.76	U										
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011	< 0.0021	U										
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011	< 0.78	U										
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011	< 0.26	U										
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009	< 0.005	U										
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009	< 0.005	U										
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009	< 0.004	U										
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010	< 0.005	U										
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010	< 0.005	U										
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009	< 0.009	U										
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009	< 0.005	U										
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009	< 0.005	U										
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010	< 0.006	U										
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010	< 0.005	U										
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010	< 0.004	U										
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010	< 0.005	U										
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008	< 0.00501	U										
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008	< 0.005	U										
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008	< 0.005	U										
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011	< 0.0024	U										
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011	< 13	U										
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011	< 9.2	U										
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0022	U										
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011	< 0.0025	U										
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011	< 0.0021	U										

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Trichlorofluoromethane (mg/kg)			Tridecane (mg/kg)			Undecane (mg/kg)			Undecane, 2,6-dimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011	< 1.2	U										
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011	< 1	U										
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011	< 0.0022	U										
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0022	U										
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.0021	U										
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0022	U										
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011	< 0.0021	U										
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011	< 0.0022	U										
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011	< 0.0022	U										
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012	< 0.0021	U										
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012	< 0.0021	U										
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012	< 0.0021	U										
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012	< 0.0021	U										
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011	< 0.0026	U										
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011	< 0.0026	U										
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011	< 0.89	U										
WRR	GP-7	GP-7-25	3 ft	8/26/2009	< 0.005	U										
WRR	GP-7	GP-7-37	3 ft	8/26/2009	< 0.341	U	UJ									
WRR	GP-7	GP-7-37D	3 ft	8/26/2009	< 0.318	U	UJ									
WRR	GP-7	GP-7-41	3 ft	8/26/2009	< 0.657	U	UJ									
WRR	GP-8	GP-8-13	13 ft	8/26/2009	< 0.005	U										
WRR	GP-8	GP-8-35	35 ft	8/26/2009	< 0.005	U										
WRR	GP-8	GP-8-47	47 ft	8/26/2009	< 0.006	U										
WRR	GP-8	GP-8-47D	47 ft	8/26/2009	< 0.235	U										
WRR	GP-9	GP-9-18	18 ft	8/25/2009	< 5.07	U										
WRR	GP-9	GP-9-37	37 ft	8/25/2009	< 0.006	U										
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.45	U										
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.2	U										
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.21	U										
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.0043	U										
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.0021	U										
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.0024	U										
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.0023	U										
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.4	U										
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 2	U										
WRR	MW-06	B-6-04	4 ft	5/15/2008	< 0.00391	U										
WRR	MW-06	B-6-23	23 ft	5/19/2008	< 0.005	U										
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011	< 0.0026	U										
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011	< 0.0029	U										
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011	< 0.26	U										
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011	< 1.2	U										
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011	< 1.2	U										
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 1.4	U										
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011	< 5	U										
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011	< 3.1	U										
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011	< 0.57	U										
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011	< 6	U										
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011	< 0.29	U										
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011	< 2.5	U										
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011	< 0.12	U										
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011	< 0.33	U										
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011	< 0.0023	U										
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.46	U										
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011	< 0.0023	U										
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.0022	U										
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011	< 0.0033	U										
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011	< 0.0022	U										
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011	< 0.0022	U										
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011	< 0.37	U										
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011	< 0.32	U										
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011	< 0.41	U										

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	Location	Sample ID	Depth	Sample Date	Trichlorofluoromethane (mg/kg)			Tridecane (mg/kg)			Undecane (mg/kg)			Undecane, 2,6-dimethyl- (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011	< 2.7	U										
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011	< 6	U										
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011	< 0.38	U										
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011	< 0.0022	U										
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011	< 0.24	U										
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011	< 0.25	U										
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 0.0023	U										
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011	< 0.24	U										
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.32	U										
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.0024	U										
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.0023	U										
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.0021	U										
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.0025	U										
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011	< 0.0024	U										
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011	< 0.0023	U										
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011	< 0.0021	U										
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.0025	U										
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011	< 0.0022	U										
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011	< 0.0022	U										
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011	< 0.56	U										
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011	< 0.6	U										
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 0.32	U										
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011	< 0.47	U										
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011	< 2.2	U										
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011	< 0.0026	U										
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011	< 0.0021	U										
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011	< 0.0023	U										
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.0024	U										
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.002	U										
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0023	U										
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.0023	U										
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.0028	U										
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.0023	U										
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 0.52	U										
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 0.0024	U										
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.24	U										
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011	< 2.5	U										
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011	< 0.63	U										
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 1.2	U										
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011	< 0.56	U										
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 1.2	U										
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 0.0023	U										
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 55	U										
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 10	U										
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.24	U										
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011	< 3.4	U										
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011	< 0.24	U										
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011	< 1.9	U										
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011	< 0.0022	U										
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011	< 0.64	U										
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011	< 2.5	U										
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011	< 0.22	U										
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011	< 0.25	U										
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011	< 1.2	U										
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011	< 0.89	U										
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 1	U										
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011	< 0.48	U										
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0022	U										
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0023	U										
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011	< 0.0026	U										
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011	< 0.0026	U										

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Trichlorofluoromethane (mg/kg)**			**Tridecane (mg/kg)**			**Undecane (mg/kg)**			**Undecane, 2,6-dimethyl- (mg/Kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 0.0028	U										
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 0.0022	U										
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 0.0026	U										
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.0026	U										
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.0023	U										
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.0021	U										
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.0025	U										
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0025	U										
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.0022	U										
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0025	U										
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.0025	U										
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.002	U										
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.0023	U										
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.0024	U										
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.0021	U										
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0024	U										
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0023	U										
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.0021	U										
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.0022	U										
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.0019	U										

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Undecane, 3,3-dimethyl- (mg/kg)			Unknown (mg/kg)			Unknown 1,3-Cyclopentadiene (mg/kg)			Unknown Benzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008												
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008												
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008												
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008												
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008												
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008												
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008												
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008												
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008												
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008												
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012												
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012												
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012												
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012												
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012												
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012												
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012												
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012												
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012												
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012												
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012												
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012												
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012												
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013												
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Undecane, 3,3-dimethyl- (mg/kg)			Unknown (mg/kg)			Unknown 1,3-Cyclopentadiene (mg/kg)			Unknown Benzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014										4	JN	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				64	JN					58	JN	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Undecane, 3,3-dimethyl- (mg/kg)			Unknown (mg/kg)			Unknown 1,3-Cyclopentadiene (mg/kg)			Unknown Benzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012												
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012												
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012												
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012												
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012												
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012												
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012												
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012												
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012												
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012												
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012												
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012												
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works	GP-14	GP-14-13	13 ft	12/18/2012												
Public Works	GP-14	GP-14-33	33 ft	12/18/2012												
Public Works	GP-14	GP-14-39	39 ft	12/18/2012												
Public Works	GP-14	GP-14-45	45 ft	12/18/2012												
Public Works	GP-15	GP-15-19	19 ft	12/18/2012												
Public Works	GP-15	GP-15-29	29 ft	12/18/2012												
Public Works	GP-15	GP-15-37	37 ft	12/18/2012												
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012												
Public Works	GP-15	GP-15-47	47 ft	12/18/2012												
Public Works	GP-15	GP-15-55	55 ft	12/18/2012												
Public Works	GP-15	GP-15-74	74 ft	12/21/2012												
Public Works	GP-15	GP-15-89	89 ft	12/21/2012												
Public Works	GP-16	GP-16-23	23 ft	1/3/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Undecane, 3,3-dimethyl- (mg/kg)			Unknown (mg/kg)			Unknown 1,3-Cyclopentadiene (mg/kg)			Unknown Benzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013												
Public Works	GP-16	GP-16-51	51 ft	1/3/2013												
Public Works	GP-16	GP-16-57	57 ft	1/3/2013												
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013												
Public Works	GP-16	GP-16-77	77 ft	1/3/2013												
Public Works	GP-16	GP-16-91	91 ft	1/7/2013												
Public Works	GP-17	GP-17-15	15 ft	1/7/2013												
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013												
Public Works	GP-17	GP-17-45	45 ft	1/7/2013												
Public Works	GP-17	GP-17-57	57 ft	1/7/2013												
Public Works	GP-17	GP-17-65	65 ft	1/7/2013												
Public Works	GP-18	GP-18-21	21 ft	1/8/2013												
Public Works	GP-18	GP-18-37	37 ft	1/8/2013												
Public Works	GP-18	GP-18-53	53 ft	1/8/2013												
Public Works	GP-18	GP-18-63	63 ft	1/8/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Undecane, 3,3-dimethyl- (mg/kg)			Unknown (mg/kg)			Unknown 1,3-Cyclopentadiene (mg/kg)			Unknown Benzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012												
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Undecane, 3,3-dimethyl- (mg/kg)			Unknown (mg/kg)			Unknown 1,3-Cyclopentadiene (mg/kg)			Unknown Benzene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013												
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												

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APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					VOCs											
Area	**Location**	**Sample ID**	**Depth**	**Sample Date**	**Undecane, 3,3-dimethyl- (mg/kg)**			**Unknown (mg/kg)**			**Unknown 1,3-Cyclopentadiene (mg/kg)**			**Unknown Benzene (mg/kg)**		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Unknown Cyclohexane (mg/kg)			Vinyl acetate (mg/kg)			Vinyl chloride (mg/kg)			Xylenes (total) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-01	B-1-03	3 ft	5/14/2008							< 0.00157	U				
Village of Roxana	MW-01	B-1-27	27 ft	5/20/2008							< 0.002	U				
Village of Roxana	MW-02	B-2-04	4 ft	5/14/2008							< 0.00207	U				
Village of Roxana	MW-02	B-2-41	41 ft	5/20/2008							< 0.002	U				
Village of Roxana	MW-03	B-3-06	6 ft	5/14/2008							< 0.002	U				
Village of Roxana	MW-03	B-3-33	33 ft	5/21/2008							< 0.00227	U				
Village of Roxana	MW-04	B-4-06	6 ft	5/15/2008							< 0.00192	U				
Village of Roxana	MW-04	B-4-35	35 ft	5/22/2008							< 0.00236	U				
Village of Roxana	MW-05	B-5-04.5	4.5 ft	5/15/2008							< 0.00199	U				
Village of Roxana	MW-05	B-5-27	27 ft	5/21/2008							< 0.00213	U				
Village of Roxana	MW-16	MW-16-14	14 ft	12/4/2012				< 0.56	U	UJ	< 0.23	U		0.128	J	J
Village of Roxana	MW-16	MW-16-27	27 ft	12/4/2012				< 0.56	U	UJ	< 0.22	U		0.0852	J	J
Village of Roxana	MW-16	MW-16-37	37 ft	12/4/2012				< 0.27	U	UJ	< 0.11	U		0.0454	J	J
Village of Roxana	MW-17	MW-17-14	14 ft	11/26/2012				< 0.0052	U	UJ	< 0.0021	U		< 0.0021		U
Village of Roxana	MW-17	MW-17-21	21 ft	11/26/2012				< 0.0051	U	UJ	< 0.0021	U		< 0.0021		U
Village of Roxana	MW-17	MW-17-35	35 ft	11/26/2012				< 3.3	U	UJ	< 1.3	U		32.3		
Village of Roxana	MW-18	MW-18-12	12 ft	11/28/2012				< 0.0056	U	UJ	< 0.0022	U		< 0.0022		U
Village of Roxana	MW-18	MW-18-18	18 ft	11/28/2012				< 7.5	U	UJ	< 3	U		972		
Village of Roxana	MW-18	MW-18-39	39 ft	11/28/2012				< 0.58	U	UJ	< 0.23	U		39.3		
Village of Roxana	MW-19	MW-19-13	13 ft	12/3/2012				< 13	U	UJ	< 5.2	U		613		
Village of Roxana	MW-19	MW-19-20	20 ft	12/3/2012				< 0.74	U	UJ	< 0.29	U		3.34		
Village of Roxana	MW-19	MW-19-32	32 ft	12/3/2012				< 0.67	U	UJ	< 0.27	U		4.7		
Village of Roxana	MW-20	MW-20-11	11 ft	12/5/2012				< 0.57	U	UJ	< 0.23	U		0.0803		J
Village of Roxana	MW-20	MW-20-21	21 ft	12/5/2012				< 0.62	U	UJ	< 0.25	U		< 0.25		U
Village of Roxana	MW-20	MW-20-41	41 ft	12/5/2012				< 0.57	U	UJ	< 0.23	U		0.0398		J
Village of Roxana	MW-21	MW-21-21	21 ft	12/6/2012				< 0.57	U		< 0.23	U		< 0.23		U
Village of Roxana	MW-21	MW-21-31	31 ft	12/6/2012				< 0.57	U		< 0.23	U		< 0.23		U
Village of Roxana	MW-21	MW-21-31-DUP	31 ft	12/6/2012				< 2	U		< 0.81	U		< 0.81		U
Village of Roxana	MW-21	MW-21-41	41 ft	12/6/2012				< 0.0081	U		< 0.0032	U		0.0065		
Village of Roxana	MW-22	MW-22-12	12 ft	11/29/2012				< 0.0064	U	UJ	< 0.0026	U		0.0024		J
Village of Roxana	MW-22	MW-22-12-DUP	12 ft	11/29/2012				< 0.0076	U	UJ	< 0.003	U		0.0026		J
Village of Roxana	MW-22	MW-22-23	23 ft	11/29/2012				< 12	U		< 4.6	U		1150		
Village of Roxana	MW-22	MW-22-23-DUP	23 ft	11/29/2012				< 13	U		< 5.1	U		1080		
Village of Roxana	MW-22	MW-22-39	39 ft	11/29/2012				< 0.77	U		< 0.31	U		2.34		
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015				< 0.0079	U		< 0.0032	U		0.0097	J	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015				< 0.0072	U		< 0.0029	U		0.0181	J	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015				< 0.0045	U		< 0.0018	U		0.0003		J
Village of Roxana	MW-24	MW-24-12	12 ft	3/7/2013				< 0.0059	U		< 0.0024	U		< 0.0024		U
Village of Roxana	MW-24	MW-24-25	25 ft	3/7/2013				< 0.006	U		< 0.0024	U		< 0.0024		U
Village of Roxana	MW-24	MW-24-47	47 ft	3/7/2013				< 0.0057	U	UJ	< 0.0023	U		< 0.0023		U
Village of Roxana	MW-24	MW-24-47-DUP	47 ft	3/7/2013				< 0.0057	U		< 0.0023	U		< 0.0023		U
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014				< 0.0057	U	UJ	< 0.0023	U	UJ	< 0.0023		U
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014				< 0.72	U		< 0.29	U		< 0.29		U
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014				< 0.64	U		< 0.25	U		< 0.25		U
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014				< 0.0055	U	UJ	< 0.0022	U		0.00033		J
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014				< 0.0088	U	UJ	< 0.0035	U		0.00065		J
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014				< 0.0059	U		< 0.0024	U		0.0005		J
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014				< 0.0054	U		< 0.0021	U		< 0.0021		U
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014				< 0.0066	U		< 0.0026	U		< 0.0026		U
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014				< 0.0058	U	UJ	< 0.0023	U	UJ	< 0.0023	UJ	U
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011				< 0.0063	U		< 0.0025	U		0.00096		J
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011				< 0.0063	U		< 0.0025	U		0.0012		J
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011				< 0.0079	U		< 0.0032	U		0.0025		J
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011				< 0.0068	U		< 0.0027	U	UJ	0.0014		J
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011				< 0.0061	U		< 0.0024	U	UJ	0.0012		J
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011				< 0.0057	U		< 0.0023	U	UJ	0.0018		J
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011				< 0.0064	U		< 0.0026	U		0.0041		
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011				< 0.0061	U		< 0.0024	U		0.0026		
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011				< 0.0063	U		< 0.0025	U		0.00099		J
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011				< 0.0056	U		< 0.0023	U		0.001		J
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011				< 0.007	U		< 0.0028	U		0.0029		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Unknown Cyclohexane (mg/kg)			Vinyl acetate (mg/kg)			Vinyl chloride (mg/kg)			Xylenes (total) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011				< 0.0068	U		< 0.0027	U	UJ	0.0031		
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011				< 0.0064	U		< 0.0025	U		< 0.0025		U
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011				< 0.0077	U		< 0.0031	U		0.0012		J
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011				< 0.59	U		< 0.24	U		< 0.24		U
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011				< 1.1	U		< 0.45	U		< 0.45		U
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011				< 0.64	U		< 0.26	U		< 0.26		U
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011				< 0.58	U		< 0.23	U		< 0.23		U
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011				< 0.0067	U		< 0.0027	U		< 0.0027		U
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011				< 15	U		< 6.1	U		695		
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011				< 0.0059	U		< 0.0024	U		0.0009		J
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011				< 0.0059	U		< 0.0024	U		< 0.0024		U
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011				< 0.0053	U		< 0.0021	U		0.0019		J
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011				< 0.0054	U		< 0.0022	U		0.0028		
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011				< 0.006	U		< 0.0024	U		0.0023		J
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011				< 0.0055	U		< 0.0022	U		< 0.0022		U
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011				< 0.0058	U		< 0.0023	U		0.00068		J
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011				< 0.62	U		< 0.25	U	UJ	< 0.25		U
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011				< 0.0066	U		< 0.0026	U		< 0.0026		U
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014				< 0.87	U	UJ	< 0.35	U		5.24		
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014				< 0.71	U	UJ	< 0.28	U		< 0.28		U
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014				< 0.0061	U	UJ	< 0.0024	U		0.0011		J
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014				< 0.64	U		< 0.26	U		67.8		
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014				< 0.0059	U	UJ	< 0.0024	U	UJ	0.0014		J
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014				< 0.0059	U		< 0.0024	U		0.0011		J
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				< 13	U	UJ	< 5.3	U		509		
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015				< 0.026	U		< 0.0052	U		< 0.0052		U
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015				< 0.029	U		< 0.0059	U		0.0021		J
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015				< 0.021	U		< 0.0042	U		< 0.0042		U
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015				< 0.023	U		< 0.0045	U		< 0.0045		U
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015				< 0.023	U		< 0.0046	U		< 0.0046		U
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015				< 1.1	U		< 0.22	U		< 0.22		U
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015				< 0.024	U		< 0.0048	U		0.001		J
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015				< 1.3	U		< 0.26	U		0.1		J
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011				< 0.0049	U	UJ	< 0.002	U		0.0012		J
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011				< 0.006	U		< 0.0024	U		0.0057		
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011				< 0.0057	U		< 0.0023	U		< 0.0023		U
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011				< 0.0061	U	UJ	< 0.0025	U		0.0026		
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011				< 0.007	U	UJ	< 0.0028	U		< 0.0028		U
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015				< 0.025	U		< 0.0051	U		< 0.0051		U
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015				< 0.025	U		< 0.0051	U		< 0.0051		U
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011				< 0.006	U	UJ	< 0.0024	U		0.0072	J	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011				< 0.007	U	UJ	< 0.0028	U		< 0.0028		U
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015				< 0.027	U		< 0.0053	U		0.0014		J
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015				< 0.025	U		< 0.0051	U		0.0013		J
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015				< 0.028	U		< 0.0056	U		0.0012		J
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011				< 0.0055	U		< 0.0022	U		< 0.0022		U
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011				< 0.0094	U		< 0.0038	U		< 0.0038		U
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011				< 0.014	U		< 0.0056	U		< 0.0056		U
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011				< 0.0059	U		< 0.0024	U		< 0.0024		U
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011				< 0.0066	U		< 0.0026	U		< 0.0026		U
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011				< 0.006	U		< 0.0024	U		0.0067		
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011				< 0.0055	U		< 0.0022	U		0.0198		
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011				< 0.0057	U		< 0.0023	U		0.0087		
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011				< 0.0056	U		< 0.0022	U		0.142		
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015				< 0.0066	U		< 0.0026	U		< 0.0026		U
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015				< 0.0059	U		< 0.0024	U		0.00051		J
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015				< 0.0056	U		< 0.0022	U		0.0016		J
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011				< 0.0069	U		< 0.0028	U		0.0038		
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011				< 0.007	U		< 0.0028	U		0.0035		
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011				< 2.9	U		< 1.2	U		15.6		
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011				< 0.0064	U		< 0.0025	U		< 0.0025		U

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Unknown Cyclohexane (mg/kg)			Vinyl acetate (mg/kg)			Vinyl chloride (mg/kg)			Xylenes (total) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011				< 0.0076	U		< 0.003	U		0.00096		J
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011				< 0.86	U		< 0.35	U		< 0.35		U
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011				< 0.0077	U		< 0.0031	U		0.0049		
Village of Roxana	VMP-47	VMP-47-12	12 ft	12/10/2012				< 0.0059	U		< 0.0023	U		0.0018		J
Village of Roxana	VMP-47	VMP-47-19	19 ft	12/10/2012				< 0.0057	U		< 0.0023	U		0.0018		J
Village of Roxana	VMP-47	VMP-47-29	29 ft	12/10/2012				< 0.0056	U		< 0.0022	U		0.00063		J
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013				< 0.0075	U		< 0.003	U		0.002		J
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013				< 0.0064	U		< 0.0026	U		0.0014		J
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013				< 0.0061	U		< 0.0024	U		0.00096		J
Village of Roxana	VMP-48	VMP-48-13	13 ft	12/11/2012				< 0.0057	U		< 0.0023	U		0.001		J
Village of Roxana	VMP-48	VMP-48-21	21 ft	12/11/2012				< 0.0058	U		< 0.0023	U		0.0013		J
Village of Roxana	VMP-48	VMP-48-27	27 ft	12/11/2012				< 0.0071	U		< 0.0029	U		0.0018		J
Village of Roxana	VMP-49	VMP-49-11	11 ft	12/12/2012				< 0.0067	U	UJ	< 0.0027	U	UJ	0.0023	J	J
Village of Roxana	VMP-49	VMP-49-21	21 ft	12/12/2012				< 0.0095	U		< 0.0038	U		0.0021		J
Village of Roxana	VMP-49	VMP-49-31	31 ft	12/12/2012				< 0.0053	U		< 0.0021	U		0.0024		
Village of Roxana	VMP-50	VMP-50-13	13 ft	12/11/2012				< 0.0091	U		0.0017	J		0.002		J
Village of Roxana	VMP-50	VMP-50-21	21 ft	12/11/2012				< 3	U	UJ	< 1.2	U		164		
Village of Roxana	VMP-50	VMP-50-21-DUP	21 ft	12/11/2012				< 2.7	U	UJ	< 1.1	U		177		
Village of Roxana	VMP-50	VMP-50-29	29 ft	12/11/2012				< 0.0048	U		0.00074	J		0.192		
Village of Roxana	VMP-51	VMP-51-14	14 ft	12/12/2012				< 0.0056	U		< 0.0023	U		< 0.0023		U
Village of Roxana	VMP-51	VMP-51-21	21 ft	12/12/2012				< 0.0052	U		< 0.0021	U		0.0011		J
Village of Roxana	VMP-51	VMP-51-31	31 ft	12/12/2012				< 0.0054	U		< 0.0022	U		0.0011		J
Village of Roxana	VMP-52	VMP-52-13	13 ft	12/13/2012				< 0.0054	U		< 0.0022	U		< 0.0022		U
Village of Roxana	VMP-52	VMP-52-25	25 ft	12/13/2012				< 0.0055	U		< 0.0022	U		< 0.0022		U
Village of Roxana	VMP-52	VMP-52-25-DUP	25 ft	12/13/2012				< 0.0053	U		< 0.0021	U		< 0.0021		U
Village of Roxana	VMP-52	VMP-52-29	29 ft	12/13/2012				< 0.0052	U		< 0.0021	U		< 0.0021		U
Village of Roxana	VMP-53	VMP-53-15	15 ft	12/13/2012				< 0.0054	U		< 0.0021	U		0.00063		J
Village of Roxana	VMP-53	VMP-53-27	27 ft	12/13/2012				< 0.0052	U		< 0.0021	U		0.00046		J
Village of Roxana	VMP-53	VMP-53-31	31 ft	12/13/2012				< 0.0051	U		< 0.002	U		0.00071		J
Village of Roxana	VMP-54	VMP-54-15	15 ft	12/14/2012				< 0.0057	U		< 0.0023	U		< 0.0023		U
Village of Roxana	VMP-54	VMP-54-15-DUP	15 ft	12/14/2012				< 0.0055	U		< 0.0022	U		< 0.0022		U
Village of Roxana	VMP-54	VMP-54-25	25 ft	12/14/2012				< 0.0053	U		< 0.0021	U		0.00055		J
Village of Roxana	VMP-54	VMP-54-31	31 ft	12/14/2012				< 0.0053	U		< 0.0021	U		0.00083		J
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013				< 0.0071	U	UJ	< 0.0028	U		< 0.0028		U
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013				< 37	U	UJ	< 15	U		3160		
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013				< 0.0078	U	UJ	< 0.0031	U		< 0.0031		U
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013				< 31	U	UJ	< 12	U		2700		
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015				< 0.026	U		< 0.0052	U		< 0.0052		U
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013				< 0.0062	U		< 0.0025	U		0.0011		J
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013				< 0.0057	U		< 0.0023	U		0.00087		J
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013				< 0.0055	U		< 0.0022	U		< 0.0022		U
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013				< 0.0056	U		< 0.0023	U		0.00096		J
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013				< 0.0058	U		< 0.0023	U		0.00057		J
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013				< 0.006	U		< 0.0024	U		< 0.0024		U
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	0.0084	JN		< 0.0073	U		< 0.0029	U	UJ	0.0027		J
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013				< 0.0064	U		< 0.0026	U	UJ	0.0019		J
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013				< 0.0054	U		< 0.0022	U	UJ	< 0.0022		U
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013				< 0.0055	U		< 0.0022	U	UJ	< 0.0022		U
Public Works	GP-14	GP-14-13	13 ft	12/18/2012				< 0.0058	U		< 0.0023	U		< 0.0023		U
Public Works	GP-14	GP-14-33	33 ft	12/18/2012				< 0.61	U		< 0.24	U		< 0.24		U
Public Works	GP-14	GP-14-39	39 ft	12/18/2012				0.629			< 0.24	U		0.441		
Public Works	GP-14	GP-14-45	45 ft	12/18/2012				< 0.0049	U		< 0.002	U		0.0105		
Public Works	GP-15	GP-15-19	19 ft	12/18/2012				< 1.2	U		< 0.5	U		1.66		
Public Works	GP-15	GP-15-29	29 ft	12/18/2012				< 0.0055	U		< 0.0022	U		0.0016		J
Public Works	GP-15	GP-15-37	37 ft	12/18/2012				< 12	U		< 4.9	U		16.9		
Public Works	GP-15	GP-15-37-DUP	37 ft	12/18/2012				0.236	J		< 0.22	U		21.8		
Public Works	GP-15	GP-15-47	47 ft	12/18/2012				< 3	U		< 1.2	U		6.43		
Public Works	GP-15	GP-15-55	55 ft	12/18/2012				17.1			< 2	U		353		
Public Works	GP-15	GP-15-74	74 ft	12/21/2012				< 0.57	U		< 0.23	U		0.5		
Public Works	GP-15	GP-15-89	89 ft	12/21/2012				< 0.52	U		< 0.21	U		< 0.21		U
Public Works	GP-16	GP-16-23	23 ft	1/3/2013				< 0.0065	U		< 0.0026	U		0.00078		J

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Unknown Cyclohexane (mg/kg)			Vinyl acetate (mg/kg)			Vinyl chloride (mg/kg)			Xylenes (total) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works	GP-16	GP-16-42	42 ft	1/3/2013				< 0.57	U		< 0.23	U		0.735		
Public Works	GP-16	GP-16-51	51 ft	1/3/2013				< 0.52	U		< 0.21	U		0.895		
Public Works	GP-16	GP-16-57	57 ft	1/3/2013				< 0.52	U		< 0.21	U		73.5	J	
Public Works	GP-16	GP-16-57-DUP	57 ft	1/3/2013				< 0.59	U		< 0.24	U		47.6	J	
Public Works	GP-16	GP-16-77	77 ft	1/3/2013				< 0.49	U		< 0.19	U		2.02		
Public Works	GP-16	GP-16-91	91 ft	1/7/2013				< 0.0048	U		< 0.0019	U		0.0128		
Public Works	GP-17	GP-17-15	15 ft	1/7/2013				< 2.7	U	UJ	< 1.1	U	UJ	7.28	J	
Public Works	GP-17	GP-17-15-DUP	15 ft	1/7/2013				< 7	U	UJ	< 2.8	U	UJ	12.3	J	
Public Works	GP-17	GP-17-45	45 ft	1/7/2013				< 4.1	U	UJ	< 1.6	U	UJ	3.68	J	
Public Works	GP-17	GP-17-57	57 ft	1/7/2013				< 5.9	U	UJ	< 2.4	U	UJ	< 2.4	UJ	U
Public Works	GP-17	GP-17-65	65 ft	1/7/2013				< 0.39	U	UJ	< 0.16	U	UJ	1.16	J	
Public Works	GP-18	GP-18-21	21 ft	1/8/2013				< 1.8	U	UJ	< 0.72	U	UJ	< 0.72	UJ	U
Public Works	GP-18	GP-18-37	37 ft	1/8/2013				< 5.1	U	UJ	< 2	U	UJ	3.32	J	
Public Works	GP-18	GP-18-53	53 ft	1/8/2013				< 6.7	U	UJ	< 2.7	U	UJ	< 2.7	UJ	U
Public Works	GP-18	GP-18-63	63 ft	1/8/2013				< 2.6	U	UJ	< 1.1	U	UJ	1.41	J	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009				< 0.043	U		< 0.002	U				
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009				< 0.045	U		< 0.002	U				
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009				< 0.041	U		< 0.002	U				
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008							< 0.00199	U				
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008							< 0.0022	U				
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008							< 0.0022	U				
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011				< 0.01	U		< 0.004	U		0.0016		J
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011				< 0.0063	U		< 0.0025	U		0.0013		J
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011				< 0.7	U		< 0.28	U		0.751		
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011				< 0.28	U		< 0.11	U		< 0.11		U
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011				< 13	U		< 5.2	U		< 5.2		U
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011				< 3.6	U		< 1.5	U		0.98		J
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011				< 1.5	U		< 0.6	U		0.305		J
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011				< 2.8	U		< 1.1	U		0.248		J
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011				< 0.46	U		< 0.18	U		< 0.18		U
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011				< 0.63	U		< 0.25	U		< 0.25		U
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011				< 2	U		< 0.81	U		< 0.81		U
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011				< 1.3	U		< 0.51	U		0.0938		J
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011				< 0.73	U		< 0.29	U		0.0851		J
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011				< 6.1	U		< 2.4	U		< 2.4		U
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011				< 2.6	U		< 1	U		0.58		J
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011				< 1.9	U		< 0.76	U		5.42		
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011				< 0.0052	U		< 0.0021	U		< 0.0021		U
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011				< 2	U		< 0.78	U		< 0.78		U
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011				< 0.64	U		< 0.26	U		0.0413		J
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009				< 0.052	U		< 0.002	U				
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009				< 0.052	U		< 0.002	U				
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009				< 0.045	U		< 0.002	U				
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010				< 0.055	U		< 0.002	U				
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010				< 0.049	U		< 0.002	U				
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009				< 0.088	U		< 0.004	U				
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009				< 0.047	U		< 0.002	U				
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009				< 0.051	U		< 0.002	U				
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010				< 0.063	U		< 0.003	U				
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010				< 0.051	U		< 0.002	U				
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010				< 0.038	U		< 0.002	U				
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010				< 0.047	U		< 0.002	U				
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008							< 0.002	U				
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008							< 0.002	U				
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008							< 0.002	U				
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011				< 0.0061	U		< 0.0024	U		< 0.0024		U
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011				< 33	U		< 13	U		< 13		U
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011				< 23	U		< 9.2	U		< 9.2		U
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011				< 0.0055	U		< 0.0022	U		< 0.0022		U
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011				< 0.0062	U		< 0.0025	U		< 0.0025		U
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011				< 0.0053	U		< 0.0021	U		< 0.0021		U

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Unknown Cyclohexane (mg/kg)			Vinyl acetate (mg/kg)			Vinyl chloride (mg/kg)			Xylenes (total) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011				< 3.1	U		< 1.2	U		< 1.2		U
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011				< 2.5	U		< 1	U		< 1		U
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011				< 0.0054	U		< 0.0022	U		< 0.0022		U
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014				< 0.0055	U		< 0.0022	U		< 0.0022		U
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014				< 0.0053	U		< 0.0021	U		< 0.0021		U
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014				< 0.0054	U		< 0.0022	U		< 0.0022		U
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011				< 0.0052	U		< 0.0021	U		< 0.0021		U
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011				< 0.0056	U		< 0.0022	U		< 0.0022		U
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011				< 0.0054	U		< 0.0022	U		< 0.0022		U
Public Works Yard	VMP-55	VMP-55-13	13 ft	12/17/2012				< 0.0052	U		< 0.0021	U		< 0.0021		U
Public Works Yard	VMP-55	VMP-55-25	25 ft	12/17/2012				< 0.0051	U		< 0.0021	U		< 0.0021		U
Public Works Yard	VMP-55	VMP-55-31	31 ft	12/17/2012				< 0.0053	U		< 0.0021	U		< 0.0021		U
Public Works Yard	VMP-55	VMP-55-31-DUP	31 ft	12/17/2012				< 0.0051	U		< 0.0021	U		0.002		J
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011				< 0.0065	U		< 0.0026	U		0.0017		J
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011				< 0.0065	U		< 0.0026	U		0.00088		J
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011				< 2.2	U		< 0.89	U		< 0.89		U
WRR	GP-7	GP-7-25	3 ft	8/26/2009				< 0.05	U		< 0.002	U				
WRR	GP-7	GP-7-37	3 ft	8/26/2009				< 3.41	U	UJ	< 0.136	U	UJ			
WRR	GP-7	GP-7-37D	3 ft	8/26/2009				< 3.18	U	UJ	< 0.127	U	UJ			
WRR	GP-7	GP-7-41	3 ft	8/26/2009				< 6.57	U	UJ	< 0.263	U	UJ			
WRR	GP-8	GP-8-13	13 ft	8/26/2009				< 0.046	U		< 0.002	U				
WRR	GP-8	GP-8-35	35 ft	8/26/2009				< 0.046	U		< 0.002	U				
WRR	GP-8	GP-8-47	47 ft	8/26/2009				< 0.056	U		< 0.002	U				
WRR	GP-8	GP-8-47D	47 ft	8/26/2009				< 2.35	U		< 0.094	U				
WRR	GP-9	GP-9-18	18 ft	8/25/2009				< 50.7	U		< 2.03	U				
WRR	GP-9	GP-9-37	37 ft	8/25/2009				< 0.061	U		< 0.002	U				
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013				< 1.1	U		< 0.45	U		< 0.45		U
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013				< 0.49	U		< 0.2	U		< 0.2		U
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013				< 0.52	U		< 0.21	U		< 0.21		U
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013				< 0.011	U		< 0.0043	U		< 0.0043		U
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013				< 0.0052	U		< 0.0021	U		< 0.0021		U
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013				< 0.0061	U		< 0.0024	U		< 0.0024		U
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013				< 0.0057	U		< 0.0023	U		< 0.0023		U
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013				< 1	U		< 0.4	U		1.9		
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013				< 4.9	U		< 2	U		28.2		
WRR	MW-06	B-6-04	4 ft	5/15/2008							< 0.00156	U				
WRR	MW-06	B-6-23	23 ft	5/19/2008							< 0.002	U				
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011				< 0.0064	U	UJ	< 0.0026	U		0.0024		J
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011				< 0.0071	U		< 0.0029	U		0.0312		
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011				< 0.65	U		< 0.26	U		3.48		
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011				< 3.1	U		< 1.2	U		177	J	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011				< 3	U		< 1.2	U		105	J	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011				< 3.4	U		< 1.4	U		31.7	J	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011				< 12	U		< 5	U		192	J	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011				< 7.9	U		< 3.1	U		69.8		
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011				< 1.4	U		< 0.57	U	UJ	0.98		
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011				< 15	U		< 6	U		266		
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011				< 0.72	U		< 0.29	U		1.92		
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011				< 6.2	U		< 2.5	U	UJ	< 2.5		U
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011				< 0.3	U	UJ	< 0.12	U	UJ	< 0.12		U
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011				< 0.83	U	UJ	< 0.33	U	UJ	< 0.33		U
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011				< 0.0058	U		< 0.0023	U		0.00091		J
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011				< 1.2	U		< 0.46	U		2.11		
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011				< 0.0057	U		< 0.0023	U		< 0.0023		U
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011				< 0.0055	U		< 0.0022	U		< 0.0022		U
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011				< 0.0083	U		< 0.0033	U		< 0.0033		U
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011				< 0.0054	U		< 0.0022	U		< 0.0022		U
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011				< 0.0056	U		< 0.0022	U		0.0127		
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011				< 0.91	U		< 0.37	U		< 0.37		U
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011				< 0.8	U		< 0.32	U		< 0.32		U
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011				< 1	U		< 0.41	U		1.15		

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Unknown Cyclohexane (mg/kg)			Vinyl acetate (mg/kg)			Vinyl chloride (mg/kg)			Xylenes (total) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011				< 6.8	U		< 2.7	U		62.7		
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011				< 15	U		< 6	U		1810		
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011				< 0.94	U		< 0.38	U		0.284		J
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011				< 0.0055	U		< 0.0022	U		0.005		
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011				< 0.6	U		< 0.24	U	UJ	42.9		
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011				< 0.61	U		< 0.25	U	UJ	0.463		
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011				< 0.0058	U		< 0.0023	U		< 0.0023		U
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011				< 0.6	U		< 0.24	U	UJ	< 0.24		U
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013				< 0.8	U	UJ	< 0.32	U		< 0.32		U
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013				< 0.006	U		< 0.0024	U		0.0865	J	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013				< 0.0058	U		< 0.0023	U		0.0064	J	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013				< 0.0052	U	UJ	< 0.0021	U		0.00085		J
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013				< 0.0062	U	UJ	< 0.0025	U		0.0007	J	J
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011				< 0.0061	U		< 0.0024	U		< 0.0024		U
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011				< 0.0057	U		< 0.0023	U		0.0036		
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011				< 0.0052	U		< 0.0021	U		0.0036		
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011				< 0.0061	U		< 0.0025	U		0.0205	J	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011				< 0.0056	U		< 0.0022	U	UJ	< 0.0022	UJ	U
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011				< 0.0055	U		< 0.0022	U		0.0253	J	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011				< 1.4	U		< 0.56	U		< 0.56		U
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011				< 1.5	U		< 0.6	U		< 0.6		U
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011				< 0.79	U		< 0.32	U		< 0.32		U
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011				< 1.2	U		< 0.47	U		9.88		
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011				< 5.6	U		< 2.2	U		220		
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011				< 0.0065	U		< 0.0026	U		< 0.0026		U
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011				< 0.0053	U		< 0.0021	U		< 0.0021		U
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011				< 0.0058	U		< 0.0023	U		< 0.0023		U
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 0.0061	U		< 0.0024	U		0.0042		
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 0.0051	U		< 0.002	U		0.0068	J	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.0058	U		< 0.0023	U		0.0018		J
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015				< 0.0057	U		< 0.0023	U	UJ	0.0014		J
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015				< 0.007	U		< 0.0028	U	UJ	0.0016		J
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015				< 0.0056	U		< 0.0023	U	UJ	0.00078		J
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 1.3	U		< 0.52	U		0.785		
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 0.0059	U		< 0.0024	U		0.0381		
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.6	U		< 0.24	U		0.112		J
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011				< 6.2	U		< 2.5	U	UJ	366		
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011				< 1.6	U		< 0.63	U		1.25		
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011				< 3.1	U		< 1.2	U		1.05		J
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011				< 1.4	U		< 0.56	U		< 0.56		U
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011				< 2.9	U		< 1.2	U		3.87		
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011				< 0.0057	U		< 0.0023	U		0.0328		
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 140	U		< 55	U		769		
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 25	U		< 10	U		6.72		J
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011				< 0.6	U		< 0.24	U		2.97		
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011				< 8.4	U		< 3.4	U		135		
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011				< 0.61	U	UJ	< 0.24	U	UJ	< 0.24		U
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011				< 4.8	U	UJ	< 1.9	U	UJ	69.2		
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011				< 0.0054	U		< 0.0022	U		< 0.0022		U
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011				< 1.6	U	UJ	< 0.64	U	UJ	< 0.64		U
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011				< 6.3	U		< 2.5	U	UJ	37.2		
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011				< 0.54	U		< 0.22	U	UJ	0.267		
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011				< 0.62	U		< 0.25	U	UJ	1.05		
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011				< 3	U		< 1.2	U	UJ	14.5		
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011				< 2.2	U	UJ	< 0.89	U	UJ	16		
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 2.5	U		< 1	U		< 1		U
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011				< 1.2	U		< 0.48	U		< 0.48		U
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 0.0054	U		< 0.0022	U		0.0035		
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011				< 0.0058	U		< 0.0023	U		0.0023		
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011				< 0.0065	U		< 0.0026	U		0.0109	J	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011				< 0.0065	U		< 0.0026	U		0.0101		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	VOCs											
					Unknown Cyclohexane (mg/kg)			Vinyl acetate (mg/kg)			Vinyl chloride (mg/kg)			Xylenes (total) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011				< 0.0069	U		< 0.0028	U		0.0141	J	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011				< 0.0056	U		< 0.0022	U		0.0057		
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011				< 0.0064	U		< 0.0026	U		0.0685	J	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013				< 0.0064	U		< 0.0026	U		0.0024		J
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013				< 0.0058	U		< 0.0023	U		0.00032		J
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013				< 0.0054	U		< 0.0021	U		< 0.0021		U
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013				< 0.0063	U		< 0.0025	U		0.0018		J
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013				0.0052	J		< 0.0025	U		0.00036		J
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013				< 0.0055	U		< 0.0022	U		< 0.0022		U
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013				0.0054	J		< 0.0025	U		0.00042		J
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013				< 0.0063	U		< 0.0025	U		0.0019		J
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013				< 0.0049	U		< 0.002	U		< 0.002		U
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013				< 0.0057	U		< 0.0023	U		0.0016		J
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013				< 0.006	U		< 0.0024	U		0.0025		
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013				< 0.0053	U		< 0.0021	U		0.0027		
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.0061	U		< 0.0024	U		0.0011		J
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.0058	U		< 0.0023	U		0.0011		J
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013				< 0.0053	U		< 0.0021	U		0.00053		J
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013				< 0.0054	U		< 0.0022	U		0.00063		J
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013				< 0.0048	U		< 0.0019	U		< 0.0019		U

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					1,2-Diphenylhydrazine (mg/kg)			1,4-Dioxane (mg/Kg)			1-Methylnaphthalene (mg/kg)			2,4,5-Trichlorophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 1.8	U					4.18			< 3.5	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 1.8	U					3.46			< 3.6	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.29	U					0.0295	J		< 0.58	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.28	U					< 0.011	U		< 0.56	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.29	U					0.0022	J		< 0.59	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.29	U					0.0019	J		< 0.58	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.27	U					< 0.011	U		< 0.54	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.29	U					< 0.012	U		< 0.59	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.3	U					0.041	J		< 0.6	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.32	U					< 0.13	U		< 0.63	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.3	U					< 0.012	U		< 0.6	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.31	U					< 0.012	U		< 0.61	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011										< 0.5	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011										< 0.52	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011										< 0.61	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011										< 0.54	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011										< 0.52	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011										< 0.52	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011										< 0.54	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011										< 0.54	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011										< 0.51	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011										< 0.5	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011										< 0.51	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011										< 0.52	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011										< 0.5	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011										< 0.5	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011										< 0.55	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011										< 0.52	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011										< 0.53	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011										< 0.51	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011										< 0.51	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011										< 0.58	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011										< 0.51	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.27	U					< 0.27	U		< 0.53	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.28	U					< 0.28	U		< 0.56	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.27	U					< 0.27	U		< 0.53	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.29	U					< 0.29	U		< 0.58	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.29	U					< 0.29	U	UJ	< 0.57	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.26	U					< 0.26	U	UJ	< 0.52	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.27	U					< 0.27	U		< 0.54	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.29	U					< 0.012	U		< 0.59	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.29	U					2.82			< 0.58	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.25	U					< 0.01	U		< 0.5	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.29	U					0.747			< 0.58	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.25	U					< 0.01	U		< 0.5	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.25	U					< 0.0099	U		< 0.5	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 0.31	U					6.65			< 0.61	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015				< 0.37	U		< 0.0074	U		< 0.37	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015				< 0.38	U		< 0.0077	U		< 0.38	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015				< 0.35	U		< 0.0071	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015				< 0.35	U		< 0.007	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015				< 0.42	U F1		< 0.0084	U		< 0.42	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015				< 0.4	U		0.14			< 0.4	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015				< 0.35	U		0.012			< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015				< 0.37	U		2.2	B		< 0.37	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.3	U					< 0.3	U		< 0.61	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.31	U					< 0.31	U		< 0.63	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.3	U					< 0.3	U		< 0.59	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.3	U					< 0.3	U		< 0.6	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.28	U					< 0.28	U		< 0.55	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015				< 0.36	U		< 0.0071	U		< 0.36	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					1,2-Diphenylhydrazine (mg/kg)			1,4-Dioxane (mg/Kg)			1-Methylnaphthalene (mg/kg)			2,4,5-Trichlorophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015				< 0.38	U F1		< 0.0077	U		< 0.38	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.34	U					< 0.34	U		< 0.67	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.3	U					< 0.3	U		< 0.6	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015				< 0.35	U		< 0.007	U		< 0.35	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015				< 0.34	U		< 0.0069	U		< 0.34	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015				< 0.42	U		< 0.0084	U		< 0.42	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.29	U					< 0.12	U		< 0.59	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.26	U					< 0.11	U		< 0.53	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.26	U					< 0.1	U		< 0.51	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015				< 0.35	U		< 0.0071	U		< 0.35	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.26	U					< 0.01	U		< 0.51	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.25	U					< 0.01	U		< 0.51	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.29	U					< 0.012	U		< 0.58	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.25	U					< 0.01	U		< 0.5	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.25	U					< 0.01	U		< 0.51	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.28	U					< 0.011	U		< 0.56	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 1.4	U					0.0581			< 2.9	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.3	U					0.0587			< 0.59	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.32	U					< 0.013	U		< 0.63	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.32	U					< 0.013	U		< 0.63	U	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					1,2-Diphenylhydrazine (mg/kg)			1,4-Dioxane (mg/Kg)			1-Methylnaphthalene (mg/kg)			2,4,5-Trichlorophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.28	U					< 0.011	U		< 0.56	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.26	U					< 0.01	U		< 0.52	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.26	U					< 0.01	U		< 0.51	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.28	U					2.36			< 0.56	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.26	U					2.67			< 0.51	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.25	U					3.67			< 0.5	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.3	U					< 0.012	U		< 0.6	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.25	U					< 0.01	U		< 0.5	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.27	U					< 0.011	U		< 0.54	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.25	U					< 0.01	U		< 0.51	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.27	U					8.52			< 0.55	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 0.27	U					3.03			< 0.54	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					1,2-Diphenylhydrazine (mg/kg)			1,4-Dioxane (mg/Kg)			1-Methylnaphthalene (mg/kg)			2,4,5-Trichlorophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.3	U					< 0.012	U		< 0.61	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.3	U					< 0.012	U		< 0.6	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.3	U					< 0.012	U		< 0.6	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.28	U					< 0.011	U		< 0.56	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.29	U					< 0.011	U		< 0.57	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.26	U					< 0.1	U		< 0.51	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.26	U					< 0.1	U		< 0.51	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.26	U					< 0.1	U		< 0.53	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					1,2-Diphenylhydrazine (mg/kg)			1,4-Dioxane (mg/Kg)			1-Methylnaphthalene (mg/kg)			2,4,5-Trichlorophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.31	U					< 0.012	U		< 0.62	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.32	U					< 0.013	U		< 0.65	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.29	U					< 0.011	U		< 0.57	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.27	U					< 0.011	U		< 0.53	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.29	U					< 0.012	U		< 0.58	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.3	U					< 0.012	U		< 0.61	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.31	U					< 0.013	U		< 0.63	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.28	U					< 0.011	U		< 0.56	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.29	U					< 0.012	U		< 0.58	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.32	U					< 0.013	U		< 0.65	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.27	U					< 0.011	U		< 0.53	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.3	U					< 0.012	U		< 0.61	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.3	U					< 0.012	U		< 0.6	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.33	U					< 0.013	U		< 0.66	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.31	U					< 0.012	U		< 0.62	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.31	U					< 0.012	U		< 0.61	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.28	U					< 0.011	U		< 0.56	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					2,4,6-Trichlorophenol (mg/kg)			2,4-Dichlorophenol (mg/kg)			2,4-Dimethylphenol (mg/kg)			2,4-Dinitrophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 3.5	U		< 3.5	U		< 3.5	U		< 7	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 3.6	U		< 3.6	U		< 3.6	U		< 7.1	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.58	U		< 0.58	U		< 0.58	U		< 1.2	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.56	U		< 0.56	U		< 0.56	U		< 1.1	U	UJ
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.59	U		< 0.59	U		< 0.59	U		< 1.2	U	UJ
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.58	U		< 0.58	U		< 0.58	U		< 1.2	U	UJ
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.54	U		< 0.54	U		< 0.54	U		< 1.1	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.59	U		< 0.59	U		< 0.59	U		< 1.2	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.6	U		< 0.6	U		< 0.6	U		< 1.2	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.63	U		< 0.63	U		< 0.63	U		< 1.3	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.6	U		< 0.6	U		< 0.6	U		< 1.2	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.61	U		< 0.61	U		< 0.61	U		< 1.2	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.5	U		< 0.5	U		< 0.5	U		< 1	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.52	U		< 0.52	U		< 0.52	U		< 1	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.61	U		< 0.61	U		< 0.61	U		< 1.2	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.54	U		< 0.54	U		< 0.54	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.52	U		< 0.52	U		< 0.52	U		< 1	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.52	U		< 0.52	U		< 0.52	U		< 1	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.54	U		< 0.54	U		< 0.54	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.54	U		< 0.54	U		< 0.54	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.51	U		< 0.51	U		< 0.51	U		< 1	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.5	U		< 0.5	U		< 0.5	U		< 1	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.51	U		< 0.51	U		< 0.51	U		< 1	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.52	U		< 0.52	U		< 0.52	U		< 1	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.5	U		< 0.5	U		< 0.5	U		< 1	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.5	U		< 0.5	U		< 0.5	U		< 1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.55	U		< 0.55	U		< 0.55	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.52	U		< 0.52	U		< 0.52	U		< 1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.53	U		< 0.53	U		< 0.53	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.51	U		< 0.51	U		< 0.51	U		< 1	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.51	U		< 0.51	U		< 0.51	U		< 1	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 0.58	U		< 0.58	U		< 0.58	U		< 1.2	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.51	U		< 0.51	U		< 0.51	U		< 1	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.53	U		< 0.53	U		< 0.53	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.56	U		< 0.56	U		< 0.56	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.53	U		< 0.53	U		< 0.53	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.58	U		< 0.58	U		< 0.58	U		< 1.2	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.57	U		< 0.57	U		< 0.57	U		< 1.1	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.52	U		< 0.52	U		< 0.52	U		< 1	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.54	U		< 0.54	U		< 0.54	U		< 1.1	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.59	U		< 0.59	U		< 0.59	U		< 1.2	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.58	U		< 0.58	U		< 0.58	U		< 1.2	U	UJ
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.5	U		< 0.5	U		< 0.5	U		< 1	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.58	U		< 0.58	U		< 0.58	U		< 1.2	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.5	U		< 0.5	U		< 0.5	U		< 1	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.5	U		< 0.5	U		< 0.5	U		< 0.99	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 0.61	U		< 0.61	U		< 0.61	U		< 1.2	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.37	U		< 0.37	U		< 0.37	U		< 1.1	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.38	U		< 0.38	U		< 0.38	U		< 1.1	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 1.1	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 1	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.42	U		< 0.42	U		< 0.42	U		< 1.3	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.4	U		< 0.4	U		< 0.4	U		< 1.2	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 1	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.37	U		< 0.37	U		< 0.37	U		< 1.1	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.61	U		< 0.61	U		< 0.61	U		< 1.2	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.63	U		< 0.63	U		< 0.63	U		< 1.3	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.59	U		< 0.59	U		< 0.59	U		< 1.2	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.6	U		< 0.6	U		< 0.6	U		< 1.2	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.55	U		< 0.55	U		< 0.55	U		< 1.1	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.36	U		< 0.36	U		< 0.36	U		< 1.1	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					2,4,6-Trichlorophenol (mg/kg)			2,4-Dichlorophenol (mg/kg)			2,4-Dimethylphenol (mg/kg)			2,4-Dinitrophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.38	U		< 0.38	U		< 0.38	U		< 1.1	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.67	U		< 0.67	U		< 0.67	U		< 1.3	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.6	U		< 0.6	U		< 0.6	U		< 1.2	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 1	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.34	U		< 0.34	U		< 0.34	U		< 1	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.42	U		< 0.42	U		< 0.42	U		< 1.3	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.59	U		< 0.59	U		< 0.59	U		< 1.2	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.53	U		< 0.53	U		< 0.53	U		< 1.1	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.51	U		< 0.51	U		< 0.51	U		< 1	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 1.1	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.51	U		< 0.51	U		< 0.51	U		< 1	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.51	U		< 0.51	U		< 0.51	U		< 1	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.58	U		< 0.58	U		< 0.58	U		< 1.2	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.5	U		< 0.5	U		< 0.5	U		< 1	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.51	U		< 0.51	U		< 0.51	U		< 1	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.56	U		< 0.56	U		< 0.56	U		< 1.1	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 2.9	U		< 2.9	U		< 2.9	U		< 5.8	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.59	U		< 0.59	U		< 0.59	U		< 1.2	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.63	U		< 0.63	U		< 0.63	U		< 1.3	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.63	U		< 0.63	U		< 0.63	U		< 1.3	U	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					2,4,6-Trichlorophenol (mg/kg)			2,4-Dichlorophenol (mg/kg)			2,4-Dimethylphenol (mg/kg)			2,4-Dinitrophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.56	U		< 0.56	U		< 0.56	U		< 1.1	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.52	U		< 0.52	U		< 0.52	U		< 1	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.51	U		< 0.51	U		< 0.51	U		< 1	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.56	U		< 0.56	U		< 0.56	U		< 1.1	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.51	U		< 0.51	U		< 0.51	U		< 1	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.5	U		< 0.5	U		< 0.5	U		< 1	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.6	U		< 0.6	U		< 0.6	U		< 1.2	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.5	U		< 0.5	U		< 0.5	U		< 1	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.54	U		< 0.54	U		< 0.54	U		< 1.1	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.51	U		< 0.51	U		< 0.51	U		< 1	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.55	U		< 0.55	U		< 0.55	U		< 1.1	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 0.54	U		< 0.54	U		< 0.54	U		< 1.1	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					2,4,6-Trichlorophenol (mg/kg)			2,4-Dichlorophenol (mg/kg)			2,4-Dimethylphenol (mg/kg)			2,4-Dinitrophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.61	U		< 0.61	U		< 0.61	U		< 1.2	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.6	U		< 0.6	U		< 0.6	U		< 1.2	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.6	U		< 0.6	U		< 0.6	U		< 1.2	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.56	U		< 0.56	U		< 0.56	U		< 1.1	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.57	U		< 0.57	U		< 0.57	U		< 1.1	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.51	U		< 0.51	U		< 0.51	U		< 1	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.51	U		< 0.51	U		< 0.51	U		< 1	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.53	U		< 0.53	U		< 0.53	U		< 1.1	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					2,4,6-Trichlorophenol (mg/kg)			2,4-Dichlorophenol (mg/kg)			2,4-Dimethylphenol (mg/kg)			2,4-Dinitrophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.62	U		< 0.62	U		< 0.62	U		< 1.2	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.65	U		< 0.65	U		< 0.65	U		< 1.3	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.57	U		< 0.57	U		< 0.57	U		< 1.1	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.53	U		< 0.53	U		< 0.53	U		< 1.1	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.58	U		< 0.58	U		< 0.58	U		< 1.2	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.61	U		< 0.61	U		< 0.61	U		< 1.2	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.63	U		< 0.63	U		< 0.63	U		< 1.3	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.56	U		< 0.56	U		< 0.56	U		< 1.1	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.58	U		< 0.58	U		< 0.58	U		< 1.2	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.65	U		< 0.65	U		< 0.65	U		< 1.3	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.53	U		< 0.53	U		< 0.53	U		< 1.1	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.61	U		< 0.61	U		< 0.61	U		< 1.2	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.6	U		< 0.6	U		< 0.6	U		< 1.2	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.66	U		< 0.66	U		< 0.66	U		< 1.3	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.62	U		< 0.62	U		< 0.62	U		< 1.2	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.61	U		< 0.61	U		< 0.61	U		< 1.2	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.56	U		< 0.56	U		< 0.56	U		< 1.1	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					2,4-Dinitrotoluene (mg/kg)			2,6-Dinitrotoluene (mg/kg)			2-Chloronaphthalene (mg/kg)			2-Chlorophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 3.5	U		< 3.5	U		< 1.8	U		< 1.8	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 3.6	U		< 3.6	U		< 1.8	U		< 1.8	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.58	U		< 0.58	U		< 0.29	U		< 0.29	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.56	U		< 0.56	U		< 0.28	U		< 0.28	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.59	U		< 0.59	U		< 0.29	U		< 0.29	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.58	U		< 0.58	U		< 0.29	U		< 0.29	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.54	U		< 0.54	U		< 0.27	U		< 0.27	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.59	U		< 0.59	U		< 0.29	U		< 0.29	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.6	U		< 0.6	U		< 0.3	U		< 0.3	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.63	U		< 0.63	U		< 0.32	U		< 0.32	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.6	U		< 0.6	U		< 0.3	U		< 0.3	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.61	U		< 0.61	U		< 0.31	U		< 0.31	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.5	U		< 0.5	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.52	U		< 0.52	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.61	U		< 0.61	U		< 0.3	U		< 0.3	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.54	U		< 0.54	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.52	U		< 0.52	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.52	U		< 0.52	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.54	U		< 0.54	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.54	U		< 0.54	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.51	U		< 0.51	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.5	U		< 0.5	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.51	U		< 0.51	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.52	U		< 0.52	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.5	U		< 0.5	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.5	U		< 0.5	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.55	U		< 0.55	U		< 0.28	U		< 0.28	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.52	U		< 0.52	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.53	U		< 0.53	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.51	U		< 0.51	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.51	U		< 0.51	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 0.58	U		< 0.58	U		< 0.29	U		< 0.29	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.51	U		< 0.51	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.53	U		< 0.53	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.56	U		< 0.56	U		< 0.28	U		< 0.28	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.53	U		< 0.53	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.58	U		< 0.58	U		< 0.29	U		< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.57	U		< 0.57	U		< 0.29	U		< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.52	U		< 0.52	U		< 0.26	U		< 0.26	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.54	U		< 0.54	U		< 0.27	U		< 0.27	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.59	U		< 0.59	U		< 0.29	U		< 0.29	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.58	U		< 0.58	U		< 0.29	U		< 0.29	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.5	U		< 0.5	U		< 0.25	U		< 0.25	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.58	U		< 0.58	U		< 0.29	U		< 0.29	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.5	U		< 0.5	U		< 0.25	U		< 0.25	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.5	U		< 0.5	U		< 0.25	U		< 0.25	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 0.61	U		< 0.61	U		< 0.31	U		< 0.31	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.37	U		< 0.37	U		< 0.37	U		< 0.37	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.38	U		< 0.38	U		< 0.38	U		< 0.38	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.42	U		< 0.42	U		< 0.42	U		< 0.42	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.4	U		< 0.4	U		< 0.4	U		< 0.4	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.37	U		< 0.37	U		< 0.37	U		< 0.37	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.61	U		< 0.61	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.63	U		< 0.63	U		< 0.31	U		< 0.31	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.59	U		< 0.59	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.6	U		< 0.6	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.55	U		< 0.55	U		< 0.28	U		< 0.28	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.36	U		< 0.36	U		< 0.36	U		< 0.36	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					2,4-Dinitrotoluene (mg/kg)			2,6-Dinitrotoluene (mg/kg)			2-Chloronaphthalene (mg/kg)			2-Chlorophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.38	U		< 0.38	U		< 0.38	U		< 0.38	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.67	U		< 0.67	U		< 0.34	U		< 0.34	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.6	U		< 0.6	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.34	U		< 0.34	U		< 0.34	U		< 0.34	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.42	U		< 0.42	U		< 0.42	U		< 0.42	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.59	U		< 0.59	U		< 0.29	U		< 0.29	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.53	U		< 0.53	U		< 0.26	U		< 0.26	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.51	U		< 0.51	U		< 0.26	U		< 0.26	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.51	U		< 0.51	U		< 0.26	U		< 0.26	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.51	U		< 0.51	U		< 0.25	U		< 0.25	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.58	U		< 0.58	U		< 0.29	U		< 0.29	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.5	U		< 0.5	U		< 0.25	U		< 0.25	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.51	U		< 0.51	U		< 0.25	U		< 0.25	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.56	U		< 0.56	U		< 0.28	U		< 0.28	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 2.9	U		< 2.9	U		< 1.4	U		< 1.4	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.59	U		< 0.59	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.63	U		< 0.63	U		< 0.32	U		< 0.32	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.63	U		< 0.63	U		< 0.32	U		< 0.32	U	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					2,4-Dinitrotoluene (mg/kg)			2,6-Dinitrotoluene (mg/kg)			2-Chloronaphthalene (mg/kg)			2-Chlorophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.56	U		< 0.56	U		< 0.28	U		< 0.28	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.52	U		< 0.52	U		< 0.26	U		< 0.26	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.51	U		< 0.51	U		< 0.26	U		< 0.26	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.56	U		< 0.56	U		< 0.28	U		< 0.28	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.51	U		< 0.51	U		< 0.26	U		< 0.26	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.5	U		< 0.5	U		< 0.25	U		< 0.25	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.6	U		< 0.6	U		< 0.3	U		< 0.3	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.5	U		< 0.5	U		< 0.25	U		< 0.25	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.54	U		< 0.54	U		< 0.27	U		< 0.27	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.51	U		< 0.51	U		< 0.25	U		< 0.25	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.55	U		< 0.55	U		< 0.27	U		< 0.27	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 0.54	U		< 0.54	U		< 0.27	U		< 0.27	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					2,4-Dinitrotoluene (mg/kg)			2,6-Dinitrotoluene (mg/kg)			2-Chloronaphthalene (mg/kg)			2-Chlorophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.61	U		< 0.61	U		< 0.3	U		< 0.3	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.6	U		< 0.6	U		< 0.3	U		< 0.3	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.6	U		< 0.6	U		< 0.3	U		< 0.3	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.56	U		< 0.56	U		< 0.28	U		< 0.28	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.57	U		< 0.57	U		< 0.29	U		< 0.29	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.51	U		< 0.51	U		< 0.26	U		< 0.26	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.51	U		< 0.51	U		< 0.26	U		< 0.26	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.53	U		< 0.53	U		< 0.26	U		< 0.26	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					2,4-Dinitrotoluene (mg/kg)			2,6-Dinitrotoluene (mg/kg)			2-Chloronaphthalene (mg/kg)			2-Chlorophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.62	U		< 0.62	U		< 0.31	U		< 0.31	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.65	U		< 0.65	U		< 0.32	U		< 0.32	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.57	U		< 0.57	U		< 0.29	U		< 0.29	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.53	U		< 0.53	U		< 0.27	U		< 0.27	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.58	U		< 0.58	U		< 0.29	U		< 0.29	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.61	U		< 0.61	U		< 0.3	U		< 0.3	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.63	U		< 0.63	U		< 0.31	U		< 0.31	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.56	U		< 0.56	U		< 0.28	U		< 0.28	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.58	U		< 0.58	U		< 0.29	U		< 0.29	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.65	U		< 0.65	U		< 0.32	U		< 0.32	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.53	U		< 0.53	U		< 0.27	U		< 0.27	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.61	U		< 0.61	U		< 0.3	U		< 0.3	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.6	U		< 0.6	U		< 0.3	U		< 0.3	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.66	U		< 0.66	U		< 0.33	U		< 0.33	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.62	U		< 0.62	U		< 0.31	U		< 0.31	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.61	U		< 0.61	U		< 0.31	U		< 0.31	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.56	U		< 0.56	U		< 0.28	U		< 0.28	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					2-Methylnaphthalene (mg/kg)			2-Methylphenol (o-Cresol) (mg/kg)			2-Nitroaniline (mg/kg)			2-Nitrophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	2.87			< 3.5	U		< 3.5	U		< 3.5	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	2.14			< 3.6	U		< 3.6	U		< 3.6	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.12	U		< 0.58	U		< 0.58	U		< 0.58	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.011	U		< 0.56	U		< 0.56	U		< 0.56	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	0.0021	J		< 0.59	U		< 0.59	U		< 0.59	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	0.0018	J		< 0.58	U		< 0.58	U		< 0.58	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.011	U		< 0.54	U		< 0.54	U		< 0.54	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	0.0011	J		< 0.59	U		< 0.59	U		< 0.59	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	0.0798	J		< 0.6	U		< 0.6	U		< 0.6	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.13	U		< 0.63	U		< 0.63	U		< 0.63	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.012	U		< 0.6	U		< 0.6	U		< 0.6	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.012	U		< 0.61	U		< 0.61	U		< 0.61	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.25	U		< 0.5	U		< 0.5	U		< 0.5	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.26	U		< 0.52	U		< 0.52	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.3	U		< 0.61	U		< 0.61	U		< 0.61	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.27	U		< 0.54	U		< 0.54	U		< 0.54	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.26	U		< 0.52	U		< 0.52	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.26	U		< 0.52	U		< 0.52	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.27	U		< 0.54	U		< 0.54	U		< 0.54	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.27	U		< 0.54	U		< 0.54	U		< 0.54	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.26	U		< 0.51	U		< 0.51	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.25	U		< 0.5	U		< 0.5	U		< 0.5	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.25	U		< 0.51	U		< 0.51	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.26	U		< 0.52	U		< 0.52	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.25	U		< 0.5	U		< 0.5	U		< 0.5	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.25	U		< 0.5	U		< 0.5	U		< 0.5	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.28	U		< 0.55	U		< 0.55	U		< 0.55	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.26	U		< 0.52	U		< 0.52	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.26	U		< 0.53	U		< 0.53	U		< 0.53	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.26	U		< 0.51	U		< 0.51	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.25	U		< 0.51	U		< 0.51	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	62.2			< 0.58	U		< 0.58	U		< 0.58	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.26	U		< 0.51	U		< 0.51	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.27	U		< 0.53	U		< 0.53	U		< 0.53	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.28	U		< 0.56	U		< 0.56	U		< 0.56	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.27	U		< 0.53	U		< 0.53	U		< 0.53	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.29	U		< 0.58	U		< 0.58	U		< 0.58	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.29	U		< 0.57	U		< 0.57	U		< 0.57	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.26	U		< 0.52	U		< 0.52	U		< 0.52	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.27	U		< 0.54	U		< 0.54	U		< 0.54	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	0.0013	J		< 0.59	U		< 0.59	U		< 0.59	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.012	U		< 0.58	U		< 0.58	U		< 0.58	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	0.0012	J		< 0.5	U		< 0.5	U		< 0.5	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	1.63			< 0.58	U		< 0.58	U		< 0.58	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.01	U		< 0.5	U		< 0.5	U		< 0.5	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.0099	U		< 0.5	U		< 0.5	U		< 0.5	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	12.1			< 0.61	U		< 0.61	U		< 0.61	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0074	U		< 0.37	U		< 0.37	U		< 0.37	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.0077	U		< 0.38	U		< 0.38	U		< 0.38	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0071	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.007	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0084	U		< 0.42	U		< 0.42	U		< 0.42	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	0.082			< 0.4	U		< 0.4	U		< 0.4	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	0.0062	J		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	2.5	B		< 0.37	U		< 0.37	U		< 0.37	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.3	U		< 0.61	U		< 0.61	U		< 0.61	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.31	U		< 0.63	U		< 0.63	U		< 0.63	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	0.0784	J		< 0.59	U		< 0.59	U		< 0.59	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.3	U		< 0.6	U		< 0.6	U		< 0.6	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.28	U		< 0.55	U		< 0.55	U		< 0.55	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0071	U		< 0.36	U		< 0.36	U		< 0.36	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					2-Methylnaphthalene (mg/kg)			2-Methylphenol (o-Cresol) (mg/kg)			2-Nitroaniline (mg/kg)			2-Nitrophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0077	U		< 0.38	U		< 0.38	U		< 0.38	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.34	U		< 0.67	U		< 0.67	U		< 0.67	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.3	U		< 0.6	U		< 0.6	U		< 0.6	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.007	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.0069	U		< 0.34	U		< 0.34	U		< 0.34	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.0084	U		< 0.42	U		< 0.42	U		< 0.42	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.12	U		< 0.59	U		< 0.59	U		< 0.59	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.11	U		< 0.53	U		< 0.53	U		< 0.53	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.1	U		< 0.51	U		< 0.51	U		< 0.51	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0071	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	0.0021	J		< 0.51	U		< 0.51	U		< 0.51	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.0051	U		< 0.51	U		< 0.51	U		< 0.51	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.0059	U		< 0.58	U		< 0.58	U		< 0.58	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	0.0012	J		< 0.5	U		< 0.5	U		< 0.5	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.0051	U		< 0.51	U		< 0.51	U		< 0.51	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	0.0032	J		< 0.56	U		< 0.56	U		< 0.56	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	0.0605			< 2.9	U		< 2.9	U		< 2.9	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	0.0606			< 0.59	U		< 0.59	U		< 0.59	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.0063	U		< 0.63	U		< 0.63	U		< 0.63	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.0063	U		< 0.63	U		< 0.63	U		< 0.63	U	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

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CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					2-Methylnaphthalene (mg/kg)			2-Methylphenol (o-Cresol) (mg/kg)			2-Nitroaniline (mg/kg)			2-Nitrophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.011	U		< 0.56	U		< 0.56	U		< 0.56	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.01	U		< 0.52	U		< 0.52	U		< 0.52	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.01	U		< 0.51	U		< 0.51	U		< 0.51	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	2.67			< 0.56	U		< 0.56	U		< 0.56	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	4.22			< 0.51	U		< 0.51	U		< 0.51	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	6.42			< 0.5	U		< 0.5	U		< 0.5	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.03	U		< 0.6	U		< 0.6	U		< 0.6	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.025	U		< 0.5	U		< 0.5	U		< 0.5	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.027	U		< 0.54	U		< 0.54	U		< 0.54	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.025	U		< 0.51	U		< 0.51	U		< 0.51	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	6.86			< 0.55	U		< 0.55	U		< 0.55	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	4.49			< 0.54	U		< 0.54	U		< 0.54	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					2-Methylnaphthalene (mg/kg)			2-Methylphenol (o-Cresol) (mg/kg)			2-Nitroaniline (mg/kg)			2-Nitrophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	0.0019	J		< 0.61	U		< 0.61	U		< 0.61	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	0.0049	J		< 0.6	U		< 0.6	U		< 0.6	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	0.0039	J		< 0.6	U		< 0.6	U		< 0.6	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.0056	U		< 0.56	U		< 0.56	U		< 0.56	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.0057	U		< 0.57	U		< 0.57	U		< 0.57	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.1	U		< 0.51	U		< 0.51	U		< 0.51	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.1	U		< 0.51	U		< 0.51	U		< 0.51	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.1	U		< 0.53	U		< 0.53	U		< 0.53	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					2-Methylnaphthalene (mg/kg)			2-Methylphenol (o-Cresol) (mg/kg)			2-Nitroaniline (mg/kg)			2-Nitrophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.0062	U		< 0.62	U		< 0.62	U		< 0.62	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	0.0015	J		< 0.65	U		< 0.65	U		< 0.65	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	0.0021	J		< 0.57	U		< 0.57	U		< 0.57	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.0053	U		< 0.53	U		< 0.53	U		< 0.53	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	0.002	J		< 0.58	U		< 0.58	U		< 0.58	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	0.0024	J		< 0.61	U		< 0.61	U		< 0.61	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0063	U		< 0.63	U		< 0.63	U		< 0.63	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.0055	U		< 0.56	U		< 0.56	U		< 0.56	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	0.0051	J		< 0.58	U		< 0.58	U		< 0.58	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.0066	U		< 0.65	U		< 0.65	U		< 0.65	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	0.0026	J		< 0.53	U		< 0.53	U		< 0.53	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	0.0014	J		< 0.61	U		< 0.61	U		< 0.61	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	0.0083		J	< 0.6	U		< 0.6	U		< 0.6	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0066	U	UJ	< 0.66	U		< 0.66	U		< 0.66	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	0.002	J		< 0.62	U		< 0.62	U		< 0.62	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.0061	U		< 0.61	U		< 0.61	U		< 0.61	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	0.0037	J		< 0.56	U		< 0.56	U		< 0.56	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					3 & 4-Methylphenol (m & p-Cresol) (mg/kg)			3,3'-Dichlorobenzidine (mg/kg)			3-Nitroaniline (mg/kg)			4,6-Dinitro-2-methylphenol (4,6-dinitro-o-cresol) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 3.5	U		< 1.8	U		< 3.5	U		< 3.5	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 3.6	U		< 1.8	U		< 3.6	U		< 3.6	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.58	U		< 0.29	U		< 0.58	U		< 0.58	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.56	U		< 0.28	U		< 0.56	U		< 0.56	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.59	U		< 0.29	U		< 0.59	U		< 0.59	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.58	U		< 0.29	U		< 0.58	U		< 0.58	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.54	U		< 0.27	U		< 0.54	U		< 0.54	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.59	U		< 0.29	U		< 0.59	U		< 0.59	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.6	U		< 0.3	U		< 0.6	U		< 0.6	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.63	U		< 0.32	U		< 0.63	U		< 0.63	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.6	U		< 0.3	U		< 0.6	U		< 0.6	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.61	U		< 0.31	U		< 0.61	U		< 0.61	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.5	U		< 0.25	U		< 0.5	U		< 0.5	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.52	U		< 0.26	U		< 0.52	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.61	U		< 0.3	U		< 0.61	U		< 0.61	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.54	U		< 0.27	U		< 0.54	U		< 0.54	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.52	U		< 0.26	U		< 0.52	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.52	U		< 0.26	U		< 0.52	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.54	U		< 0.27	U		< 0.54	U		< 0.54	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.54	U		< 0.27	U		< 0.54	U		< 0.54	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.51	U		< 0.26	U		< 0.51	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.5	U		< 0.25	U		< 0.5	U		< 0.5	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.51	U		< 0.25	U		< 0.51	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.52	U		< 0.26	U		< 0.52	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.5	U		< 0.25	U		< 0.5	U		< 0.5	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.5	U		< 0.25	U		< 0.5	U		< 0.5	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.55	U		< 0.28	U		< 0.55	U		< 0.55	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.52	U		< 0.26	U		< 0.52	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.53	U		< 0.26	U		< 0.53	U		< 0.53	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.51	U		< 0.26	U		< 0.51	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.51	U		< 0.25	U		< 0.51	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 0.58	U		< 0.29	U		< 0.58	U		< 0.58	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.51	U		< 0.26	U		< 0.51	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.53	U		< 0.27	U		< 0.53	U		< 0.53	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.56	U		< 0.28	U		< 0.56	U		< 0.56	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.53	U		< 0.27	U		< 0.53	U		< 0.53	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.58	U		< 0.29	U		< 0.58	U		< 0.58	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.57	U		< 0.29	U		< 0.57	U		< 0.57	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.52	U		< 0.26	U		< 0.52	U		< 0.52	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.54	U		< 0.27	U		< 0.54	U		< 0.54	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.59	U		< 0.29	U		< 0.59	U		< 0.59	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.58	U		< 0.29	U		< 0.58	U		< 0.58	U	UJ
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.5	U		< 0.25	U		< 0.5	U		< 0.5	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.58	U		< 0.29	U		< 0.58	U		< 0.58	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.5	U		< 0.25	U		< 0.5	U		< 0.5	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.5	U		< 0.25	U		< 0.5	U		< 0.5	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 0.61	U		< 0.31	U		< 0.61	U		< 0.61	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.74	U		< 0.37	U		< 0.37	U		< 0.37	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.77	U		< 0.38	U		< 0.38	U		< 0.38	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.71	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.7	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.84	U		< 0.42	U		< 0.42	U		< 0.42	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.8	U		< 0.4	U		< 0.4	U		< 0.4	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.69	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.73	U		< 0.37	U		< 0.37	U		< 0.37	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.61	U		< 0.3	U		< 0.61	U		< 0.61	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.63	U		< 0.31	U		< 0.63	U		< 0.63	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.59	U		< 0.3	U		< 0.59	U		< 0.59	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.6	U		< 0.3	U		< 0.6	U		< 0.6	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.55	U		< 0.28	U		< 0.55	U		< 0.55	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.71	U		< 0.36	U		< 0.36	U		< 0.36	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					3 & 4-Methylphenol (m & p-Cresol) (mg/kg)			3,3'-Dichlorobenzidine (mg/kg)			3-Nitroaniline (mg/kg)			4,6-Dinitro-2-methylphenol (4,6-dinitro-o-cresol) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.77	U		< 0.38	U		< 0.38	U		< 0.38	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.67	U		< 0.34	U		< 0.67	U		< 0.67	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.6	U		< 0.3	U		< 0.6	U		< 0.6	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.7	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.69	U		< 0.34	U		< 0.34	U		< 0.34	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.84	U		< 0.42	U		< 0.42	U		< 0.42	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.59	U		< 0.29	U		< 0.59	U		< 0.59	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.53	U		< 0.26	U		< 0.53	U		< 0.53	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.51	U		< 0.26	U		< 0.51	U		< 0.51	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.71	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.51	U		< 0.26	U		< 0.51	U		< 0.51	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.51	U		< 0.25	U		< 0.51	U		< 0.51	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.58	U		< 0.29	U		< 0.58	U		< 0.58	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.5	U		< 0.25	U		< 0.5	U		< 0.5	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.51	U		< 0.25	U		< 0.51	U		< 0.51	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.56	U		< 0.28	U		< 0.56	U		< 0.56	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 2.9	U		< 1.4	U		< 2.9	U		< 2.9	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.59	U		< 0.3	U		< 0.59	U		< 0.59	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.63	U		< 0.32	U		< 0.63	U		< 0.63	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.63	U		< 0.32	U		< 0.63	U		< 0.63	U	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					3 & 4-Methylphenol (m & p-Cresol) (mg/kg)			3,3'-Dichlorobenzidine (mg/kg)			3-Nitroaniline (mg/kg)			4,6-Dinitro-2-methylphenol (4,6-dinitro-o-cresol) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.56	U		< 0.28	U		< 0.56	U		< 0.56	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.52	U		< 0.26	U		< 0.52	U		< 0.52	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.51	U		< 0.26	U		< 0.51	U		< 0.51	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.56	U		< 0.28	U		< 0.56	U		< 0.56	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.51	U		< 0.26	U		< 0.51	U		< 0.51	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.5	U		< 0.25	U		< 0.5	U		< 0.5	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.6	U		< 0.3	U		< 0.6	U		< 0.6	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.5	U		< 0.25	U		< 0.5	U		< 0.5	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.54	U		< 0.27	U		< 0.54	U		< 0.54	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.51	U		< 0.25	U		< 0.51	U		< 0.51	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.55	U		< 0.27	U		< 0.55	U		< 0.55	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 0.54	U		< 0.27	U		< 0.54	U		< 0.54	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					3 & 4-Methylphenol (m & p-Cresol) (mg/kg)			3,3'-Dichlorobenzidine (mg/kg)			3-Nitroaniline (mg/kg)			4,6-Dinitro-2-methylphenol (4,6-dinitro-o-cresol) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.61	U		< 0.3	U		< 0.61	U		< 0.61	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.6	U		< 0.3	U		< 0.6	U		< 0.6	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.6	U		< 0.3	U		< 0.6	U		< 0.6	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.56	U		< 0.28	U		< 0.56	U		< 0.56	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.57	U		< 0.29	U		< 0.57	U		< 0.57	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.51	U		< 0.26	U		< 0.51	U		< 0.51	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.51	U		< 0.26	U		< 0.51	U		< 0.51	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.53	U		< 0.26	U		< 0.53	U		< 0.53	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					3 & 4-Methylphenol (m & p-Cresol) (mg/kg)			3,3'-Dichlorobenzidine (mg/kg)			3-Nitroaniline (mg/kg)			4,6-Dinitro-2-methylphenol (4,6-dinitro-o-cresol) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.62	U		< 0.31	U		< 0.62	U		< 0.62	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.65	U		< 0.32	U		< 0.65	U		< 0.65	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.57	U		< 0.29	U		< 0.57	U		< 0.57	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.53	U		< 0.27	U		< 0.53	U		< 0.53	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.58	U		< 0.29	U		< 0.58	U		< 0.58	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.61	U		< 0.3	U		< 0.61	U		< 0.61	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.63	U		< 0.31	U		< 0.63	U		< 0.63	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.56	U		< 0.28	U		< 0.56	U		< 0.56	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.58	U		< 0.29	U		< 0.58	U		< 0.58	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.65	U		< 0.32	U		< 0.65	U		< 0.65	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.53	U		< 0.27	U		< 0.53	U		< 0.53	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.61	U		< 0.3	U		< 0.61	U		< 0.61	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.6	U		< 0.3	U		< 0.6	U		< 0.6	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.66	U		< 0.33	U		< 0.66	U		< 0.66	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.62	U		< 0.31	U		< 0.62	U		< 0.62	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.61	U		< 0.31	U		< 0.61	U		< 0.61	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.56	U		< 0.28	U		< 0.56	U		< 0.56	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					4-Bromophenyl phenyl ether (mg/kg)			4-Chloro-3-methylphenol (p-Chloro-m-cresol) (mg/kg)			4-Chlorophenyl phenyl ether (mg/kg)			4-Nitrophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 1.8	U		< 3.5	U		< 1.8	U		< 7	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 1.8	U		< 3.6	U		< 1.8	U		< 7.1	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.29	U		< 0.58	U		< 0.29	U		< 1.2	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.28	U		< 0.56	U		< 0.28	U		< 1.1	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.29	U		< 0.59	U		< 0.29	U		< 1.2	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.29	U		< 0.58	U		< 0.29	U		< 1.2	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.27	U		< 0.54	U		< 0.27	U		< 1.1	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.29	U		< 0.59	U		< 0.29	U		< 1.2	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.3	U		< 0.6	U		< 0.3	U		< 1.2	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.32	U		< 0.63	U		< 0.32	U		< 1.3	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.3	U		< 0.6	U		< 0.3	U		< 1.2	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.31	U		< 0.61	U		< 0.31	U		< 1.2	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.25	U		< 0.5	U		< 0.25	U		< 1	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.26	U		< 0.52	U		< 0.26	U		< 1	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.3	U		< 0.61	U		< 0.3	U		< 1.2	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.27	U		< 0.54	U		< 0.27	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.26	U		< 0.52	U		< 0.26	U		< 1	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.26	U		< 0.52	U		< 0.26	U		< 1	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.27	U		< 0.54	U		< 0.27	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.27	U		< 0.54	U		< 0.27	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.26	U		< 0.51	U		< 0.26	U		< 1	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.25	U		< 0.5	U		< 0.25	U		< 1	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.25	U		< 0.51	U		< 0.25	U		< 1	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.26	U		< 0.52	U		< 0.26	U		< 1	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.25	U		< 0.5	U		< 0.25	U		< 1	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.25	U		< 0.5	U		< 0.25	U		< 1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.28	U		< 0.55	U		< 0.28	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.26	U		< 0.52	U		< 0.26	U		< 1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.26	U		< 0.53	U		< 0.26	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.26	U		< 0.51	U		< 0.26	U		< 1	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.25	U		< 0.51	U		< 0.25	U		< 1	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 0.29	U		< 0.58	U		< 0.29	U		< 1.2	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.26	U		< 0.51	U		< 0.26	U		< 1	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.27	U		< 0.53	U		< 0.27	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.28	U		< 0.56	U		< 0.28	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.27	U		< 0.53	U		< 0.27	U		< 1.1	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.29	U		< 0.58	U		< 0.29	U		< 1.2	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.29	U		< 0.57	U		< 0.29	U		< 1.1	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.26	U		< 0.52	U		< 0.26	U		< 1	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.27	U		< 0.54	U		< 0.27	U		< 1.1	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.29	U		< 0.59	U		< 0.29	U		< 1.2	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.29	U		< 0.58	U		< 0.29	U		< 1.2	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.25	U		< 0.5	U		< 0.25	U		< 1	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.29	U		< 0.58	U		< 0.29	U		< 1.2	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.25	U		< 0.5	U		< 0.25	U		< 1	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.25	U		< 0.5	U		< 0.25	U		< 0.99	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 0.31	U		< 0.61	U		< 0.31	U		< 1.2	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.37	U		< 0.37	U		< 0.37	U		< 0.37	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.38	U		< 0.38	U		< 0.38	U		< 0.38	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.42	U		< 0.42	U		< 0.42	U		< 0.42	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.4	U		< 0.4	U		< 0.4	U		< 0.4	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.37	U		< 0.37	U		< 0.37	U		< 0.37	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.3	U		< 0.61	U		< 0.3	U		< 1.2	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.31	U		< 0.63	U		< 0.31	U		< 1.3	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.3	U		< 0.59	U		< 0.3	U		< 1.2	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.3	U		< 0.6	U		< 0.3	U		< 1.2	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.28	U		< 0.55	U		< 0.28	U		< 1.1	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.36	U		< 0.36	U		< 0.36	U		< 0.36	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					4-Bromophenyl phenyl ether (mg/kg)			4-Chloro-3-methylphenol (p-Chloro-m-cresol) (mg/kg)			4-Chlorophenyl phenyl ether (mg/kg)			4-Nitrophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.38	U		< 0.38	U		< 0.38	U		< 0.38	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.34	U		< 0.67	U		< 0.34	U		< 1.3	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.3	U		< 0.6	U		< 0.3	U		< 1.2	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.34	U		< 0.34	U		< 0.34	U		< 0.34	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.42	U		< 0.42	U		< 0.42	U		< 0.42	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.29	U		< 0.59	U		< 0.29	U		< 1.2	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.26	U		< 0.53	U		< 0.26	U		< 1.1	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.26	U		< 0.51	U		< 0.26	U		< 1	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.26	U		< 0.51	U		< 0.26	U		< 1	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.25	U		< 0.51	U		< 0.25	U		< 1	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.29	U		< 0.58	U		< 0.29	U		< 1.2	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.25	U		< 0.5	U		< 0.25	U		< 1	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.25	U		< 0.51	U		< 0.25	U		< 1	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.28	U		< 0.56	U		< 0.28	U		< 1.1	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 1.4	U		< 2.9	U		< 1.4	U		< 5.8	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.3	U		< 0.59	U		< 0.3	U		< 1.2	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.32	U		< 0.63	U		< 0.32	U		< 1.3	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.32	U		< 0.63	U		< 0.32	U		< 1.3	U	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					4-Bromophenyl phenyl ether (mg/kg)			4-Chloro-3-methylphenol (p-Chloro-m-cresol) (mg/kg)			4-Chlorophenyl phenyl ether (mg/kg)			4-Nitrophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.28	U		< 0.56	U		< 0.28	U		< 1.1	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.26	U		< 0.52	U		< 0.26	U		< 1	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.26	U		< 0.51	U		< 0.26	U		< 1	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.28	U		< 0.56	U		< 0.28	U		< 1.1	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.26	U		< 0.51	U		< 0.26	U		< 1	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.25	U		< 0.5	U		< 0.25	U		< 1	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.3	U		< 0.6	U		< 0.3	U		< 1.2	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.25	U		< 0.5	U		< 0.25	U		< 1	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.27	U		< 0.54	U		< 0.27	U		< 1.1	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.25	U		< 0.51	U		< 0.25	U		< 1	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.27	U		< 0.55	U		< 0.27	U		< 1.1	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 0.27	U		< 0.54	U		< 0.27	U		< 1.1	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					4-Bromophenyl phenyl ether (mg/kg)			4-Chloro-3-methylphenol (p-Chloro-m-cresol) (mg/kg)			4-Chlorophenyl phenyl ether (mg/kg)			4-Nitrophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.3	U		< 0.61	U		< 0.3	U		< 1.2	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.3	U		< 0.6	U		< 0.3	U		< 1.2	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.3	U		< 0.6	U		< 0.3	U		< 1.2	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.28	U		< 0.56	U		< 0.28	U		< 1.1	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.29	U		< 0.57	U		< 0.29	U		< 1.1	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.26	U		< 0.51	U		< 0.26	U		< 1	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.26	U		< 0.51	U		< 0.26	U		< 1	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.26	U		< 0.53	U		< 0.26	U		< 1.1	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					4-Bromophenyl phenyl ether (mg/kg)			4-Chloro-3-methylphenol (p-Chloro-m-cresol) (mg/kg)			4-Chlorophenyl phenyl ether (mg/kg)			4-Nitrophenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.31	U		< 0.62	U		< 0.31	U		< 1.2	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.32	U		< 0.65	U		< 0.32	U		< 1.3	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.29	U		< 0.57	U		< 0.29	U		< 1.1	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.27	U		< 0.53	U		< 0.27	U		< 1.1	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.29	U		< 0.58	U		< 0.29	U		< 1.2	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.3	U		< 0.61	U		< 0.3	U		< 1.2	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.31	U		< 0.63	U		< 0.31	U		< 1.3	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.28	U		< 0.56	U		< 0.28	U		< 1.1	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.29	U		< 0.58	U		< 0.29	U		< 1.2	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.32	U		< 0.65	U		< 0.32	U		< 1.3	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.27	U		< 0.53	U		< 0.27	U		< 1.1	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.3	U		< 0.61	U		< 0.3	U		< 1.2	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.3	U		< 0.6	U		< 0.3	U		< 1.2	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.33	U		< 0.66	U		< 0.33	U		< 1.3	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.31	U		< 0.62	U		< 0.31	U		< 1.2	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.31	U		< 0.61	U		< 0.31	U		< 1.2	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.28	U		< 0.56	U		< 0.28	U		< 1.1	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					4-Nitrophenylamine (mg/kg)			9-Octadecenamide, (Z)- (mg/kg)			Acenaphthene (mg/kg)			Acenaphthylene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 3.5	U					0.522			0.211		
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 3.6	U					0.476			0.186		
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.58	U					0.0051	J		0.0059		
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.56	U					< 0.0056	U		< 0.0056	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.59	U					< 0.0059	U		< 0.0059	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.58	U					< 0.0058	U		< 0.0058	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.54	U					< 0.0054	U		< 0.0054	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.59	U					< 0.0059	U		< 0.0059	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.6	U					0.0278			0.0029	J	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.63	U					< 0.0063	U		< 0.0063	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.6	U					< 0.006	U		< 0.006	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.61	U					< 0.0061	U		< 0.0061	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.5	U					< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.52	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.61	U					< 0.3	U		< 0.3	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.54	U					< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.52	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.52	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.54	U					< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.54	U					< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.51	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.5	U					< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.51	U					< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.52	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.5	U					< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.5	U					< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.55	U					< 0.28	U		< 0.28	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.52	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.53	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.51	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.51	U					< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 0.58	U					< 0.29	U		< 0.29	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.51	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.53	U					< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.56	U					< 0.28	U		< 0.28	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.53	U					< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.58	U					< 0.29	U		< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.57	U					< 0.29	U		< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.52	U					< 0.26	U		< 0.26	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.54	U					< 0.27	U		< 0.27	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.59	U					< 0.0059	U		< 0.0059	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.58	U					0.238			0.0517		
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.5	U		0.56	JN		< 0.005	U		< 0.005	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.58	U					0.0103			0.0035	J	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.5	U					< 0.005	U		< 0.005	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.5	U					< 0.005	U		< 0.005	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 0.61	U					0.0739			0.0345		
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.37	U					< 0.0074	U		< 0.0074	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.38	U					< 0.0077	U		< 0.0077	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.35	U					< 0.0071	U		< 0.0071	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.35	U					< 0.007	U		< 0.007	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.42	U					< 0.0084	U		< 0.0084	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.4	U					< 0.08	U		< 0.08	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.35	U					< 0.0069	U		< 0.0069	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.37	U					0.23			< 0.073	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.61	U					< 0.3	U		< 0.3	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.63	U					< 0.31	U		< 0.31	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.59	U					< 0.3	U		< 0.3	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.6	U					< 0.3	U		< 0.3	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.55	U					< 0.28	U		< 0.28	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.36	U					< 0.0071	U		< 0.0071	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					4-Nitrophenylamine (mg/kg)			9-Octadecenamide, (Z)- (mg/kg)			Acenaphthene (mg/kg)			Acenaphthylene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.38	U					< 0.0077	U		< 0.0077	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.67	U					< 0.34	U		< 0.34	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.6	U					< 0.3	U		< 0.3	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.35	U					< 0.007	U		< 0.007	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.34	U					< 0.0069	U		< 0.0069	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.42	U					< 0.0084	U		< 0.0084	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.59	U					0.004	J		0.0029	J	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.53	U					< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.51	U					< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.35	U					< 0.0071	U		< 0.0071	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.51	U					< 0.0012	JB	U	0.0012	J	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.51	U					< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.58	U					< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.5	U					< 0.005	U		< 0.005	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.51	U					< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.56	U					0.0012	J		0.0012	J	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 2.9	U					0.0042	J		< 0.029	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.59	U		1.3	JN		0.0044	J		< 0.0059	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.63	U		0.31	JN		< 0.0063	U		< 0.0063	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.63	U		0.3	JN		0.0011	J		< 0.0063	U	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					4-Nitrophenylamine (mg/kg)			9-Octadecenamide, (Z)- (mg/kg)			Acenaphthene (mg/kg)			Acenaphthylene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.56	U					< 0.0056	U		< 0.0056	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.52	U					< 0.0051	U		< 0.0051	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.51	U					< 0.0051	U		< 0.0051	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.56	U					0.26			0.0579	J	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.51	U					0.121			0.0393		
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.5	U					0.194			0.0654		
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.6	U					< 0.03	U		< 0.03	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.5	U					< 0.025	U		< 0.025	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.54	U					< 0.027	U		< 0.027	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.51	U					< 0.025	U		< 0.025	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.55	U					0.315			< 0.14	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 0.54	U					0.213			< 0.027	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					4-Nitrophenylamine (mg/kg)			9-Octadecenamide, (Z)- (mg/kg)			Acenaphthene (mg/kg)			Acenaphthylene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.61	U					0.0019	J		0.0013	J	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.6	U					< 0.006	U		< 0.006	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.6	U					< 0.006	U		< 0.006	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.56	U					< 0.0056	U		< 0.0056	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.57	U					< 0.0057	U		< 0.0057	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.51	U					< 0.005	U		< 0.005	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.51	U					< 0.0051	U		< 0.0051	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.53	U					0.0023	J		< 0.0052	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					4-Nitrophenylamine (mg/kg)			9-Octadecenamide, (Z)- (mg/kg)			Acenaphthene (mg/kg)			Acenaphthylene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.62	U					< 0.0062	U		< 0.0062	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.65	U					< 0.0065	U		< 0.0065	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.57	U					< 0.0057	U		< 0.0057	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.53	U					< 0.0053	U		< 0.0053	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.58	U					0.0016	J		< 0.0058	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.61	U					0.0022	J		0.0016	J	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.63	U					< 0.0063	U		< 0.0063	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.56	U					< 0.0055	U		< 0.0055	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.58	U					0.0049	J		0.0035	J	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.65	U					< 0.0066	U		< 0.0066	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.53	U					0.0012	J		< 0.0053	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.61	U					< 0.0061	U		< 0.0061	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.6	U					< 0.006	U		< 0.006	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.66	U					< 0.0066	U		< 0.0066	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.62	U					0.0034	J		0.0024	J	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.61	U					< 0.0061	U		< 0.0061	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.56	U					0.0025	J		0.0019	J	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Aniline (mg/kg)			Anthracene (mg/kg)			Azobenzene (mg/Kg)			Benzenethiol (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 3.5	U		1.08								
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 3.6	U		1.07								
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.58	U		0.0136								
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.56	U		< 0.0056	U							
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.59	U		< 0.0059	U							
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.58	U		< 0.0058	U							
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.54	U		< 0.0054	U							
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.59	U		< 0.0059	U							
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.6	U		0.0403								
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.63	U		< 0.0063	U							
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.6	U		< 0.006	U							
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.61	U		< 0.0061	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.5	U		< 0.25	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.52	U		< 0.26	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.61	U		< 0.3	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.54	U		< 0.27	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.52	U		< 0.26	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.52	U		< 0.26	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.54	U		< 0.27	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.54	U		< 0.27	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.51	U		< 0.26	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.5	U		< 0.25	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.51	U		< 0.25	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.52	U		< 0.26	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.5	U		< 0.25	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.5	U		< 0.25	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.55	U		< 0.28	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.52	U		< 0.26	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.53	U		< 0.26	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.51	U		< 0.26	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.51	U		< 0.25	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 0.58	U		1.76								
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.51	U		< 0.26	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.53	U		< 0.27	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.56	U		< 0.28	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.53	U		< 0.27	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.58	U		< 0.29	U							
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.57	U	UJ	< 0.29	U							
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.52	U	UJ	< 0.26	U							
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.54	U		< 0.27	U							
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.59	U		< 0.0059	U							
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.58	U		0.189								
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.5	U		< 0.005	U							
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.58	U		0.0056	J							
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.5	U		< 0.005	U							
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.5	U		< 0.005	U							
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 0.61	U		0.024	J							
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.37	U		< 0.0074	U		< 0.37	U		< 0.37	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.38	U		< 0.0077	U		< 0.38	U		< 0.38	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.35	U		< 0.0071	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.35	U		< 0.007	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.42	U		< 0.0084	U		< 0.42	U		< 0.42	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.4	U		0.062			< 0.4	U		< 0.4	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.35	U		< 0.0069	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.37	U		< 0.0073	U		< 0.37	U		< 0.37	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.61	U		< 0.3	U							
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.63	U		< 0.31	U							
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.59	U		< 0.3	U							
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.6	U		< 0.3	U							
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.55	U		< 0.28	U							
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.36	U		< 0.0071	U		< 0.36	U		< 0.36	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Aniline (mg/kg)			Anthracene (mg/kg)			Azobenzene (mg/Kg)			Benzenethiol (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.38	U F1		< 0.0077	U		< 0.38	U		< 0.38	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.67	U		< 0.34	U							
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.6	U		< 0.3	U							
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.35	U		< 0.007	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.34	U		< 0.0069	U		< 0.34	U		< 0.34	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.42	U		< 0.0084	U		< 0.42	U		< 0.42	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.59	U		0.0019	J							
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.53	U		< 0.0053	U							
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.51	U		0.0015	J							
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.35	U		< 0.0071	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.51	U		0.00097	J							
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.51	U		< 0.0051	U							
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.58	U		< 0.0059	U							
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.5	U		< 0.005	U							
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.51	U		< 0.0051	U							
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.56	U		0.0015	J							
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 2.9	U		< 0.029	U							
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.59	U		0.0029	J							
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.63	U		< 0.0063	U							
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.63	U		0.001	J							
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Aniline (mg/kg)			Anthracene (mg/kg)			Azobenzene (mg/Kg)			Benzenethiol (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.56	U		< 0.0056	U							
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.52	U		< 0.0051	U							
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.51	U		< 0.0051	U							
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.56	U		< 0.14	U							
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.51	U		0.0478								
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.5	U		< 0.025	U							
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.6	U		< 0.03	U							
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.5	U		< 0.025	U							
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.54	U		< 0.027	U							
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.51	U		< 0.025	U							
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.55	U		< 0.14	U							
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 0.54	U		0.288								
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Aniline (mg/kg)			Anthracene (mg/kg)			Azobenzene (mg/Kg)			Benzenethiol (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.61	U		0.0019	J							
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.6	U		< 0.006	U							
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.6	U		< 0.006	U							
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.56	U		< 0.0056	U							
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.57	U		< 0.0057	U							
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.51	U		0.0037	J							
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.51	U		< 0.0051	U							
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.53	U		0.0049	J							
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Aniline (mg/kg)			Anthracene (mg/kg)			Azobenzene (mg/Kg)			Benzenethiol (mg/Kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.62	U		< 0.0062	U							
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.65	U		< 0.0011	J	U						
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.57	U		< 0.0025	JB	U						
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.53	U		< 0.0053	U							
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.58	U		0.0014	J							
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.61	U		0.0024	J							
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.63	U		< 0.0063	U							
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.56	U		< 0.0055	U							
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.58	U		0.0053	J							
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.65	U		< 0.0066	U							
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.53	U		0.0017	J							
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.61	U		< 0.0061	U							
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.6	U		0.0014	J							
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.66	U		< 0.0066	U							
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.62	U		0.0053	J							
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.61	U		< 0.0061	U							
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.56	U		0.0028	J							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Benzidine (mg/kg)			Benzo(a)anthracene (mg/kg)			Benzo(a)pyrene (mg/kg)			Benzo(b)fluoranthene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015				0.63			0.327			0.227		
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015				0.7			0.381			0.241		
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015				0.0114			0.0131			0.0116		
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014				< 0.0056	U		< 0.0056	U		< 0.0056	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014				< 0.0059	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014				< 0.0058	U		< 0.0058	U		< 0.0058	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014				< 0.0054	U		< 0.0054	U		< 0.0054	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014				< 0.0059	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014				0.0154			0.0056	J		0.0035	J	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014				0.0036	J		< 0.0063	U		0.0113		
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014				< 0.006	U		< 0.006	U		0.0032	J	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014				< 0.0061	U		< 0.0061	U		< 0.0061	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011				< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011				< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011				< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011				< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011				< 0.28	U		< 0.28	U		< 0.28	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011				0.161	J		< 0.29	U		< 0.29	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011				< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011				< 0.28	U		< 0.28	U		< 0.28	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011				< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011				< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011				< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011				< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014				< 0.0059	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014				0.023			0.0036	J		0.0046	J	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014				< 0.005	U		< 0.005	U		< 0.005	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014				< 0.0058	U		< 0.0058	U		< 0.0058	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014				< 0.005	U		< 0.005	U		< 0.005	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014				< 0.005	U		< 0.005	U		< 0.005	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				< 0.031	U		< 0.031	U		< 0.031	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015				< 0.0074	U		< 0.0074	U		< 0.0074	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015				< 0.0077	U		< 0.0077	U		< 0.0077	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015				< 0.0071	U		< 0.0071	U		< 0.0071	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015				< 0.007	U		< 0.007	U		< 0.007	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015				< 0.0084	U		< 0.0084	U		< 0.0084	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015				0.0079	J		0.0036	J		0.0047	J	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015				< 0.0069	U		< 0.0069	U		< 0.0069	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015				0.0091			0.0014	J		0.0019	J	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011				< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011				< 0.31	U		< 0.31	U		< 0.31	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011				< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011				< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011				< 0.28	U		< 0.28	U		< 0.28	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015				< 0.0071	U		< 0.0071	U		< 0.0071	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Benzidine (mg/kg)			Benzo(a)anthracene (mg/kg)			Benzo(a)pyrene (mg/kg)			Benzo(b)fluoranthene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015				< 0.0077	U		< 0.0077	U		< 0.0077	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011				< 0.34	U		< 0.34	U		< 0.34	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011				< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015				< 0.007	U		< 0.007	U		< 0.007	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015				< 0.0069	U		< 0.0069	U		< 0.0069	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015				< 0.0084	U		< 0.0084	U		< 0.0084	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015				0.0038	J		0.0031	J		0.0043	J	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015				< 0.0053	U		< 0.0053	U		< 0.0053	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015				0.0095			0.0061			0.0076		
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015				< 0.0071	U		< 0.0071	U		< 0.0071	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013				0.0011	J		0.0012	J		0.0012	J	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013				< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013				< 0.0059	U		< 0.0059	U		< 0.0059	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013				< 0.005	U		< 0.005	U		< 0.005	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013				< 0.0051	U		< 0.0051	U		< 0.0051	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013				0.0032	J		0.0025	J		0.0017	J	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013				0.0096	J		0.0079	J		0.0083	J	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013				0.0066			0.0038	J		0.0049	J	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013				0.001	J		< 0.0063	U		< 0.0063	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013				0.0013	J		< 0.0063	U		< 0.0063	U	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Benzidine (mg/kg)			Benzo(a)anthracene (mg/kg)			Benzo(a)pyrene (mg/kg)			Benzo(b)fluoranthene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014				< 0.0056	U		< 0.0056	U		< 0.0056	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014				< 0.0051	U		< 0.0051	U		< 0.0051	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014				< 0.0051	U		< 0.0051	U		< 0.0051	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013				0.102	J		0.0503	J		0.0349	J	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013				0.0055	J		0.0029	J		0.0032	J	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013				0.0064	J		0.0038	J		0.0036	J	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013				< 0.03	U		0.0038	J		0.0044	J	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013				< 0.025	U		0.0021	J		0.0027	J	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013				< 0.027	U		0.0081	J		0.0097	J	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013				0.0081	J		0.0186	J		0.0228	J	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013				< 0.14	U		0.0248	J		< 0.14	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013				0.0192	J		0.0035	J		< 0.027	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Benzidine (mg/kg)			Benzo(a)anthracene (mg/kg)			Benzo(a)pyrene (mg/kg)			Benzo(b)fluoranthene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013				0.0018	J		0.0021	J		0.0034	J	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013				< 0.006	U		< 0.006	U		< 0.006	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013				< 0.006	U		< 0.006	U		< 0.006	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013				< 0.0056	U		< 0.0056	U		< 0.0056	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013				< 0.0057	U		< 0.0057	U		< 0.0057	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015				0.0385		J	0.0389		J	0.0301		J
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015				< 0.0051	U	UJ	0.0023	J	J	0.0044	J	J
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015				< 0.0052	U		< 0.0052	U		< 0.0052	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Benzidine (mg/kg)			Benzo(a)anthracene (mg/kg)			Benzo(a)pyrene (mg/kg)			Benzo(b)fluoranthene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013				< 0.0062	U		< 0.0062	U		< 0.0062	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013				0.0028	J		< 0.0065	U		0.0085		
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013				0.056			0.0953			0.0984		
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013				< 0.0053	U		< 0.0053	U		< 0.0053	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.0058	U		< 0.0058	U		< 0.0058	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013				0.0021	J		0.0019	J		0.0018	J	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.0063	U		< 0.0063	U		< 0.0063	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013				0.00095	J		< 0.0055	U		< 0.0055	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013				0.0067			0.0057	J		0.0066		
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013				< 0.0066	U		0.0016	J		0.0024	J	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013				0.0044	J		0.0046	J		0.0051	J	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013				< 0.0061	U		< 0.0061	U		< 0.0061	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013				0.0012	J		0.001	J		0.0016	J	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.0066	U		< 0.0066	U		< 0.0066	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013				0.0089			0.0072			0.008		
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013				0.0012	J		0.0014	J		0.0016	J	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013				0.0143			0.018			0.0186		

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Benzo(b)pyridine (Quinoline) (mg/Kg)			Benzo(g,h,i)perylene (mg/kg)			Benzo(k)fluoranthene (mg/kg)			Benzoic Acid (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015				0.336			0.0663			< 3.5	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015				0.374			0.0777			< 3.6	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015				0.0131			0.0046	J		< 0.58	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014				< 0.0056	U		< 0.0056	U		< 0.56	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014				< 0.0059	U		< 0.0059	U		< 0.59	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014				< 0.0058	U		< 0.0058	U		< 0.58	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014				< 0.0054	U		< 0.0054	U		< 0.54	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014				< 0.0059	U		< 0.0059	U		< 0.59	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014				0.0017	J		0.004	J		< 0.6	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014				0.006	J		0.0047	J		< 0.63	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014				0.0032	J		< 0.006	U		< 0.6	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014				< 0.0061	U		< 0.0061	U		< 0.61	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011				0.0205	J		< 0.25	U		0.651		
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011				< 0.26	U		< 0.26	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011				< 0.3	U		< 0.3	U		< 0.61	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011				< 0.27	U		< 0.27	U		< 0.54	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011				< 0.26	U		< 0.26	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011				< 0.26	U		< 0.26	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011				< 0.27	U		< 0.27	U		< 0.54	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011				< 0.27	U		< 0.27	U		< 0.54	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011				< 0.26	U		< 0.26	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011				< 0.25	U		< 0.25	U		< 0.5	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011				< 0.25	U		< 0.25	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011				< 0.26	U		< 0.26	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011				< 0.25	U		< 0.25	U		< 0.5	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011				< 0.25	U		< 0.25	U		< 0.5	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011				< 0.28	U		< 0.28	U		< 0.55	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011				< 0.26	U		< 0.26	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011				< 0.26	U		< 0.26	U		< 0.53	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011				< 0.26	U		< 0.26	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011				< 0.25	U		< 0.25	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011				< 0.29	U		< 0.29	U		< 0.58	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011				< 0.26	U		< 0.26	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011				< 0.27	U		< 0.27	U		< 0.53	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011				< 0.28	U		< 0.28	U		< 0.56	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011				< 0.27	U		< 0.27	U		< 0.53	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011				< 0.29	U		< 0.29	U		< 0.58	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011				< 0.29	U		< 0.29	U		< 0.57	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011				< 0.26	U		< 0.26	U		< 0.52	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011				< 0.27	U		< 0.27	U		< 0.54	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014				< 0.0059	U		< 0.0059	U		< 0.59	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014				< 0.0058	U		< 0.0058	U		< 0.58	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014				< 0.005	U		< 0.005	U		< 0.5	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014				< 0.0058	U		< 0.0058	U		< 0.58	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014				0.0031	J		< 0.005	U		< 0.5	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014				< 0.005	U		< 0.005	U		< 0.5	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				< 0.031	U		< 0.031	U		< 0.61	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.37	U		< 0.0074	U		< 0.0074	U		< 1.1	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.38	U		< 0.0077	U		< 0.0077	U		< 1.1	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.35	U		< 0.0071	U		< 0.0071	U		< 1.1	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.35	U		< 0.007	U		< 0.007	U		< 1	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.42	U		< 0.0084	U		< 0.0084	U		< 1.3	U F1	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.4	U		< 0.008	U		< 0.008	U		< 1.2	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.35	U		< 0.0069	U		< 0.0069	U		< 1	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.37	U		< 0.0073	U		< 0.0073	U		< 1.1	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011				< 0.3	U		< 0.3	U		< 0.61	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011				< 0.31	U		< 0.31	U		< 0.63	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011				< 0.3	U		< 0.3	U		< 0.59	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011				< 0.3	U		< 0.3	U		< 0.6	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011				< 0.28	U		< 0.28	U		< 0.55	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.36	U		< 0.0071	U		< 0.0071	U		< 1.1	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Benzo(b)pyridine (Quinoline) (mg/Kg)			Benzo(g,h,i)perylene (mg/kg)			Benzo(k)fluoranthene (mg/kg)			Benzoic Acid (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.38	U		< 0.0077	U		< 0.0077	U		< 1.1	U F1	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011				< 0.34	U		< 0.34	U		< 0.67	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011				< 0.3	U		< 0.3	U		< 0.6	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.35	U		< 0.007	U		< 0.007	U		< 1	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.34	U		< 0.0069	U		< 0.0069	U		< 1	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.42	U		< 0.0084	U		< 0.0084	U		< 1.3	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015				0.0027	J		< 0.0059	U		< 0.59	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015				< 0.0053	U		< 0.0053	U		< 0.53	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015				0.0038	J		0.0061			< 0.51	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.35	U		< 0.0071	U		< 0.0071	U		< 1.1	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013				< 0.0052	U		0.001	J		< 0.51	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013				< 0.0051	U		< 0.0051	U		< 0.51	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013				< 0.0059	U		< 0.0059	U		< 0.58	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013				< 0.005	U		< 0.005	U		< 0.5	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013				< 0.0051	U		< 0.0051	U		< 0.51	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013				0.0098			< 0.0056	U		< 0.56	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013				0.0111	J		< 0.029	U		< 2.9	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013				0.0061			0.0019	J		< 0.59	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013				< 0.0063	U		< 0.0063	U		< 0.63	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013				0.0053	J		< 0.0063	U		< 0.63	U	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Benzo(b)pyridine (Quinoline) (mg/Kg)			Benzo(g,h,i)perylene (mg/kg)			Benzo(k)fluoranthene (mg/kg)			Benzoic Acid (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014				0.0018	J		< 0.0056	U		< 0.56	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014				< 0.0051	U		< 0.0051	U		< 0.52	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014				< 0.0051	U		< 0.0051	U		< 0.51	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013				0.0346	J		0.0173	J		< 0.56	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013				0.0024	J		0.0018	J		< 0.51	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013				0.0024	J		0.0018	J		< 0.5	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013				0.015	J		0.0046	J		< 0.6	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013				0.0109	J		0.0022	J		< 0.5	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013				0.0251	J		0.0091	J		< 0.54	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013				0.036			0.0208	J		< 0.51	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013				0.0194	J		< 0.14	U		< 0.55	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013				0.0028	J		< 0.027	U		< 0.54	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Benzo(b)pyridine (Quinoline) (mg/Kg)			Benzo(g,h,i)perylene (mg/kg)			Benzo(k)fluoranthene (mg/kg)			Benzoic Acid (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013				0.0028	J		0.0024	J		< 0.61	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013				0.0218			< 0.006	U		< 0.6	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013				0.0057	J		< 0.006	U		< 0.6	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013				< 0.0056	U		< 0.0056	U		< 0.56	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013				< 0.0057	U		< 0.0057	U		< 0.57	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015				0.0263			0.0367		J	< 0.51	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015				0.0026	J		0.0016	J	J	< 0.51	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015				< 0.0052	U		< 0.0052	U		< 0.53	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Benzo(b)pyridine (Quinoline) (mg/Kg)			Benzo(g,h,i)perylene (mg/kg)			Benzo(k)fluoranthene (mg/kg)			Benzoic Acid (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013				< 0.0062	U		< 0.0062	U		< 0.62	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013				0.005	J		0.0035	J		< 0.65	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013				0.0679			0.0229			< 0.57	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013				< 0.0053	U		< 0.0053	U		< 0.53	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.0058	U		< 0.0058	U		< 0.58	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013				0.0025	J		0.0014	J		< 0.61	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.0063	U		< 0.0063	U		< 0.63	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013				< 0.0055	U		< 0.0055	U		< 0.56	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013				0.0067			0.006			< 0.58	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013				< 0.0066	U		0.0022	J		< 0.65	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013				0.0037	J		0.0039	J		< 0.53	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013				< 0.0061	U		< 0.0061	U		< 0.61	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.006	U		0.0012	J		< 0.6	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.0066	U		< 0.0066	U		< 0.66	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013				0.0077			0.0076			< 0.62	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013				< 0.0061	U		< 0.0061	U		< 0.61	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013				0.058			0.0021	J		< 0.56	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Benzyl alcohol (mg/kg)			bis(2-Chloroethoxy)methane (mg/kg)			bis(2-Chloroethyl)ether (mg/kg)			Bis(2-chloroisopropyl)ether (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 3.5	U		< 1.8	U		< 1.8	U		< 1.8	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 3.6	U		< 1.8	U		< 1.8	U		< 1.8	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.58	U		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.56	U		< 0.28	U		< 0.28	U		< 0.28	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.59	U		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.58	U		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.54	U		< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.59	U		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.6	U		< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.63	U		< 0.32	U		< 0.32	U		< 0.32	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.6	U		< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.61	U		< 0.31	U		< 0.31	U		< 0.31	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011				< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011				< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011				< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011				< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011				< 0.28	U		< 0.28	U		< 0.28	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011				< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.53	U		< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.56	U		< 0.28	U		< 0.28	U		< 0.28	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.53	U		< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.58	U		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.57	U		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.52	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.54	U		< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.59	U		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.58	U	UJ	< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.5	U		< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.58	U		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.5	U		< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.5	U		< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 0.61	U		< 0.31	U		< 0.31	U		< 0.31	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.37	U		< 0.37	U		< 0.37	U		< 0.37	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.38	U		< 0.38	U		< 0.38	U		< 0.38	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.42	U		< 0.42	U		< 0.42	U		< 0.42	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.4	U		< 0.4	U		< 0.4	U		< 0.4	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.37	U		< 0.37	U		< 0.37	U		< 0.37	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.61	U		< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.63	U		< 0.31	U		< 0.31	U		< 0.31	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.59	U		< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.6	U		< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.55	U		< 0.28	U		< 0.28	U		< 0.28	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.36	U		< 0.36	U		< 0.36	U		< 0.36	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Benzyl alcohol (mg/kg)			bis(2-Chloroethoxy)methane (mg/kg)			bis(2-Chloroethyl)ether (mg/kg)			Bis(2-chloroisopropyl)ether (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.38	U		< 0.38	U		< 0.38	U		< 0.38	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.67	U		< 0.34	U		< 0.34	U		< 0.34	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.6	U		< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.34	U		< 0.34	U		< 0.34	U		< 0.34	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.42	U		< 0.42	U		< 0.42	U		< 0.42	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.59	U		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.53	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.51	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.51	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.51	U		< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.58	U		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.5	U		< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.51	U		< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.56	U		< 0.28	U		< 0.28	U		< 0.28	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 2.9	U		< 1.4	U		< 1.4	U		< 1.4	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.59	U		< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.63	U		< 0.32	U		< 0.32	U		< 0.32	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.63	U		< 0.32	U		< 0.32	U		< 0.32	U	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Benzyl alcohol (mg/kg)			bis(2-Chloroethoxy)methane (mg/kg)			bis(2-Chloroethyl)ether (mg/kg)			Bis(2-chloroisopropyl)ether (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.56	U	UJ	< 0.28	U		< 0.28	U		< 0.28	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.52	U	UJ	< 0.26	U		< 0.26	U		< 0.26	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.51	U	UJ	< 0.26	U		< 0.26	U		< 0.26	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.56	U		< 0.28	U		< 0.28	U		< 0.28	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.51	U		< 0.26	U		< 0.26	U		< 0.26	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.5	U		< 0.25	U		< 0.25	U		< 0.25	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.6	U		< 0.3	U		< 0.3	U		< 0.3	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.5	U		< 0.25	U		< 0.25	U		< 0.25	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.54	U		< 0.27	U		< 0.27	U		< 0.27	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.51	U		< 0.25	U		< 0.25	U		< 0.25	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.55	U		< 0.27	U		< 0.27	U		< 0.27	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 0.54	U		< 0.27	U		< 0.27	U		< 0.27	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Benzyl alcohol (mg/kg)			bis(2-Chloroethoxy)methane (mg/kg)			bis(2-Chloroethyl)ether (mg/kg)			Bis(2-chloroisopropyl)ether (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.61	U		< 0.3	U		< 0.3	U		< 0.3	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.6	U		< 0.3	U		< 0.3	U		< 0.3	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.6	U		< 0.3	U		< 0.3	U		< 0.3	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.56	U		< 0.28	U		< 0.28	U		< 0.28	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.57	U		< 0.29	U		< 0.29	U		< 0.29	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.51	U		< 0.26	U		< 0.26	U		< 0.26	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.51	U		< 0.26	U		< 0.26	U		< 0.26	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.53	U		< 0.26	U		< 0.26	U		< 0.26	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

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Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Benzyl alcohol (mg/kg)			bis(2-Chloroethoxy)methane (mg/kg)			bis(2-Chloroethyl)ether (mg/kg)			Bis(2-chloroisopropyl)ether (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.62	U		< 0.31	U		< 0.31	U		< 0.31	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.65	U		< 0.32	U		< 0.32	U		< 0.32	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.57	U		< 0.29	U		< 0.29	U		< 0.29	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.53	U		< 0.27	U		< 0.27	U		< 0.27	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.58	U		< 0.29	U		< 0.29	U		< 0.29	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.61	U		< 0.3	U		< 0.3	U		< 0.3	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.63	U		< 0.31	U		< 0.31	U		< 0.31	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.56	U		< 0.28	U		< 0.28	U		< 0.28	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.58	U		< 0.29	U		< 0.29	U		< 0.29	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.65	U		< 0.32	U		< 0.32	U		< 0.32	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.53	U		< 0.27	U		< 0.27	U		< 0.27	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.61	U		< 0.3	U		< 0.3	U		< 0.3	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.6	U		< 0.3	U		< 0.3	U		< 0.3	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.66	U		< 0.33	U		< 0.33	U		< 0.33	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.62	U		< 0.31	U		< 0.31	U		< 0.31	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.61	U		< 0.31	U		< 0.31	U		< 0.31	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.56	U		< 0.28	U		< 0.28	U		< 0.28	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					bis(2-Ethylhexyl)phthalate (mg/kg)			Butyl benzyl phthalate (mg/kg)			Carbazole (mg/kg)			Chrysene (1,2-Benzphenanthracene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 1.8	U		< 1.8	U					1.13		
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 1.8	U		< 1.8	U					1.19		
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.29	U		< 0.29	U					0.0189		
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.28	U		< 0.28	U					< 0.0056	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.29	U		< 0.29	U					< 0.0059	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.29	U		< 0.29	U					< 0.0058	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.27	U		< 0.27	U					< 0.0054	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.29	U		< 0.29	U					< 0.0059	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.3	U		< 0.3	U					0.014		
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.32	U		< 0.32	U					0.0038	J	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.3	U		< 0.3	U					< 0.006	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.31	U		< 0.31	U					< 0.0061	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	0.0723	J		0.0143	J					< 0.25	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	0.26			< 0.26	U					< 0.26	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.3	U		< 0.3	U					< 0.3	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.311		U	0.039	J					< 0.27	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.302	B	U	0.0276	J					< 0.26	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.306	B	U	< 0.26	U					< 0.26	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.034	JB	U	< 0.27	U					< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.0198	JB	U	< 0.27	U					< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.26	U		< 0.26	U					< 0.26	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.0199	JB	U	< 0.25	U					< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.262	B	U	< 0.25	U					< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.267	B	U	< 0.26	U					< 0.26	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.254	B	U	< 0.25	U					< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.258	B	U	< 0.25	U					< 0.25	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.28	U		< 0.28	U					< 0.28	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.26	U		< 0.26	U					< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.26	U		< 0.26	U					< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.26	U		< 0.26	U					< 0.26	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.25	U		< 0.25	U					< 0.25	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 0.29	U		< 0.29	U					0.371		
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.26	U		< 0.26	U					< 0.26	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	0.0291	J		< 0.27	U					< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.28	U		< 0.28	U					< 0.28	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	0.0234	J		< 0.27	U					< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	0.0237	J		< 0.29	U					< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	0.0384	J		< 0.29	U					< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	0.0813	J		< 0.26	U					< 0.26	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.27	U		< 0.27	U					< 0.27	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.29	U		< 0.29	U					< 0.0059	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.29	U		< 0.29	U					0.0446		
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.25	U		< 0.25	U					< 0.005	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.29	U		< 0.29	U					< 0.0058	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.25	U		< 0.25	U					< 0.005	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.25	U		< 0.25	U					< 0.005	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 0.31	U		< 0.31	U					< 0.031	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.37	U		< 0.37	U					< 0.0074	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.38	U		< 0.38	U					< 0.0077	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.35	U		< 0.35	U					< 0.0071	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.35	U		< 0.35	U					< 0.007	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.42	U		< 0.42	U					< 0.0084	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.4	U		< 0.4	U					0.014		
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.35	U		< 0.35	U					< 0.0069	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.37	U		< 0.37	U					0.024		
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	0.0319	J		< 0.3	U					< 0.3	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.31	U		< 0.31	U					< 0.31	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.3	U		< 0.3	U					< 0.3	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	0.114	J		< 0.3	U					< 0.3	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	0.0963	J		< 0.28	U					< 0.28	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.36	U		< 0.36	U					< 0.0071	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					bis(2-Ethylhexyl)phthalate (mg/kg)			Butyl benzyl phthalate (mg/kg)			Carbazole (mg/kg)			Chrysene (1,2-Benzphenanthracene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.38	U		< 0.38	U					< 0.0077	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.34	U		< 0.34	U					< 0.34	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.3	U		< 0.3	U					< 0.3	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.35	U		< 0.35	U					< 0.007	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.34	U		< 0.34	U					< 0.0069	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.42	U		< 0.42	U					< 0.0084	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.0767	JB	U	< 0.0212	JB	U				0.0082		
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.031	JB	U	< 0.0136	JB	U				< 0.0053	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.034	JB	U	< 0.0141	JB	U				0.0073		
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.35	U		< 0.35	U					< 0.0071	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.26	U		< 0.26	U					0.0013	J	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.25	U		< 0.25	U					< 0.0051	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.29	U		< 0.29	U					< 0.0059	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.25	U		< 0.25	U					< 0.005	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.25	U		< 0.25	U					< 0.0051	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.28	U		< 0.28	U					0.0046	J	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 1.4	U		< 1.4	U					0.0219	J	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	0.0153	J		< 0.3	U					0.0141		
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.32	U		< 0.32	U					0.0018	J	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	0.433			< 0.32	U					0.0028	J	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					bis(2-Ethylhexyl)phthalate (mg/kg)			Butyl benzyl phthalate (mg/kg)			Carbazole (mg/kg)			Chrysene (1,2-Benzphenanthracene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.28	U		< 0.28	U					< 0.0056	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.26	U		< 0.26	U					< 0.0051	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.26	U		< 0.26	U					< 0.0051	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.28	U		< 0.28	U					0.128	J	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.26	U		< 0.26	U					0.009	J	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.25	U		< 0.25	U					0.0095	J	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.3	U		< 0.3	U					< 0.03	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.25	U		< 0.25	U					< 0.025	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.27	U		< 0.27	U					< 0.027	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.25	U		< 0.25	U					0.0081	J	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.27	U		< 0.27	U					0.172		
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 0.27	U		< 0.27	U					0.0327		
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					bis(2-Ethylhexyl)phthalate (mg/kg)			Butyl benzyl phthalate (mg/kg)			Carbazole (mg/kg)			Chrysene (1,2-Benzphenanthracene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.3	U		< 0.3	U					0.0021	J	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.3	U		< 0.3	U					< 0.006	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.3	U		< 0.3	U					< 0.006	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.28	U		< 0.28	U					< 0.0056	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.29	U		< 0.29	U					< 0.0057	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.26	U		< 0.26	U					0.0327		J
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.26	U		< 0.26	U					0.0026	J	J
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.26	U		< 0.26	U					< 0.0052	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					bis(2-Ethylhexyl)phthalate (mg/kg)			Butyl benzyl phthalate (mg/kg)			Carbazole (mg/kg)			Chrysene (1,2-Benzphenanthracene) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.31	U		< 0.31	U					< 0.0062	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.32	U		< 0.32	U					0.007		
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	0.0191	J		< 0.29	U					0.157		
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.27	U		< 0.27	U					< 0.0053	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.29	U		< 0.29	U					< 0.0058	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	0.0427	J		< 0.3	U					0.0018	J	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.31	U		< 0.31	U					< 0.0063	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.28	U		< 0.28	U					0.0011	J	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.29	U		< 0.29	U					0.0059		
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.32	U		< 0.32	U					< 0.0066	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.27	U		< 0.27	U					0.0046	J	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.3	U		< 0.3	U					< 0.0061	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.3	U		< 0.3	U					0.0014	J	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.33	U		< 0.33	U					< 0.0066	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.31	U		< 0.31	U					0.0068		
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	0.0224	J		< 0.31	U					0.0012	J	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	0.0206	J		< 0.28	U					0.0296		

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Dibenzo(a,h)acridine (mg/Kg)			Dibenzo(a,h)anthracene (mg/kg)			Dibenzofuran (mg/kg)			Diethyl phthalate (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015				0.147			0.844			< 1.8	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015				0.165			0.736			< 1.8	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015				0.0057	J		< 0.12	U		< 0.29	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014				< 0.0056	U		< 0.11	U		< 0.28	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014				< 0.0059	U		< 0.12	U		< 0.29	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014				< 0.0058	U		< 0.12	U		< 0.29	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014				< 0.0054	U		< 0.11	U		< 0.27	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014				< 0.0059	U		< 0.12	U		< 0.29	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014				< 0.006	U		< 0.12	U		< 0.3	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014				< 0.0063	U		< 0.13	U		< 0.32	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014				< 0.006	U		< 0.12	U		< 0.3	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014				< 0.0061	U		< 0.12	U		< 0.31	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011				< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011				< 0.27	U		< 0.27	U		0.0387	J	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011				< 0.26	U		< 0.26	U		0.035	J	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011				< 0.26	U		< 0.26	U		0.0283	J	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011				< 0.27	U		< 0.27	U		0.0499	J	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011				< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011				< 0.26	U		< 0.26	U		0.0382	J	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011				< 0.28	U		< 0.28	U		< 0.28	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011				< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011				< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011				< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011				< 0.28	U		< 0.28	U		< 0.28	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011				< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011				< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011				< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011				< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011				< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014				< 0.0059	U		< 0.12	U		< 0.29	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014				< 0.0058	U		< 0.12	U		< 0.29	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014				< 0.005	U		< 0.1	U		< 0.25	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014				< 0.0058	U		< 0.12	U		< 0.29	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014				< 0.005	U		< 0.1	U		< 0.25	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014				< 0.005	U		< 0.099	U		< 0.25	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				< 0.031	U		< 0.12	U		< 0.31	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.37	U		< 0.0074	U		< 0.37	U		< 0.37	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.38	U		< 0.0077	U		< 0.38	U		< 0.38	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.35	U		< 0.0071	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.35	U		< 0.007	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.42	U		< 0.0084	U		< 0.42	U		< 0.42	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.4	U		< 0.008	U		< 0.4	U		< 0.4	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.35	U		< 0.0069	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.37	U		< 0.0073	U		< 0.37	U		< 0.37	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011				< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011				< 0.31	U		< 0.31	U		< 0.31	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011				< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011				< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011				< 0.28	U		< 0.28	U		< 0.28	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.36	U		< 0.0071	U		< 0.36	U		< 0.36	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Dibenzo(a,h)acridine (mg/Kg)			Dibenzo(a,h)anthracene (mg/kg)			Dibenzofuran (mg/kg)			Diethyl phthalate (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.38	U		< 0.0077	U		< 0.38	U		< 0.38	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011				< 0.34	U		< 0.34	U		< 0.34	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011				< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.35	U		< 0.007	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.34	U		< 0.0069	U		< 0.34	U		< 0.34	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.42	U		< 0.0084	U		< 0.42	U		< 0.42	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015				< 0.0059	U		< 0.12	U		< 0.29	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015				< 0.0053	U		< 0.11	U		< 0.26	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015				0.002	J		< 0.1	U		< 0.26	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.35	U		< 0.0071	U		< 0.35	U		< 0.35	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013				< 0.0052	U		< 0.1	U		< 0.26	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013				< 0.0051	U		< 0.1	U		< 0.25	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013				< 0.0059	U		< 0.12	U		< 0.29	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013				< 0.005	U		< 0.1	U		< 0.25	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013				< 0.0051	U		< 0.1	U		< 0.25	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013				< 0.0056	U		< 0.11	U		< 0.28	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013				< 0.029	U		< 0.58	U		< 1.4	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013				0.0018	J		< 0.12	U		< 0.3	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013				< 0.0063	U		< 0.13	U		< 0.32	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013				< 0.0063	U		< 0.13	U		< 0.32	U	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Dibenzo(a,h)acridine (mg/Kg)			Dibenzo(a,h)anthracene (mg/kg)			Dibenzofuran (mg/kg)			Diethyl phthalate (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014				< 0.0056	U		< 0.11	U		< 0.28	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014				< 0.0051	U		< 0.1	U		< 0.26	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014				< 0.0051	U		< 0.1	U		< 0.26	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013				< 0.14	U		< 0.11	U		< 0.28	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013				< 0.026	U		0.2			< 0.26	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013				< 0.025	U		0.322			< 0.25	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013				0.0056	J		< 0.12	U		< 0.3	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013				0.0038	J		< 0.1	U		< 0.25	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013				0.0097	J		< 0.11	U		< 0.27	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013				0.0175	J		< 0.1	U		< 0.25	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013				< 0.14	U		< 0.11	U		< 0.27	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013				< 0.027	U		0.245			< 0.27	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Dibenzo(a,h)acridine (mg/Kg)			Dibenzo(a,h)anthracene (mg/kg)			Dibenzofuran (mg/kg)			Diethyl phthalate (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013				0.0018	J		< 0.12	U		< 0.3	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013				0.022			< 0.12	U		< 0.3	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013				0.0056	J		< 0.12	U		< 0.3	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013				< 0.0056	U		< 0.11	U		< 0.28	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013				< 0.0057	U		< 0.11	U		< 0.29	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015				0.0153			< 0.1	U		< 0.26	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015				< 0.0051	U		< 0.1	U		< 0.26	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015				< 0.0052	U		< 0.11	U		< 0.26	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Dibenzo(a,h)acridine (mg/Kg)			Dibenzo(a,h)anthracene (mg/kg)			Dibenzofuran (mg/kg)			Diethyl phthalate (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013				< 0.0062	U		< 0.12	U		< 0.31	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013				< 0.0065	U		< 0.13	U		< 0.32	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013				0.0286			< 0.11	U		< 0.29	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013				< 0.0053	U		< 0.11	U		< 0.27	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.0058	U		< 0.12	U		< 0.29	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013				< 0.0061	U		< 0.12	U		< 0.3	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013				< 0.0063	U		< 0.13	U		< 0.31	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013				< 0.0055	U		< 0.11	U		< 0.28	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013				0.006			< 0.12	U		< 0.29	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013				< 0.0066	U		< 0.13	U		< 0.32	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013				0.0024	J		< 0.11	U		< 0.27	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013				< 0.0061	U		< 0.12	U		< 0.3	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.006	U		< 0.12	U		< 0.3	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013				< 0.0066	U		< 0.13	U		< 0.33	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013				0.0078			< 0.12	U		< 0.31	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013				< 0.0061	U		< 0.12	U		< 0.31	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013				0.0108			< 0.11	U		< 0.28	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Dimethyl phthalate (mg/kg)			Di-n-butyl phthalate (mg/kg)			Di-n-octyl phthalate (mg/kg)			Fluoranthene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 1.8	U		< 1.8	U		< 1.8	U		0.388		
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 1.8	U		< 1.8	U		< 1.8	U		0.398		
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.29	U		< 0.29	U		< 0.29	U		0.0066		
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.28	U		< 0.28	U		< 0.28	U		< 0.0056	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.29	U		< 0.29	U		< 0.29	U		< 0.0059	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.29	U		< 0.29	U		< 0.29	U		< 0.0058	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.27	U		< 0.27	U		< 0.27	U		< 0.0054	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.29	U		< 0.29	U		< 0.29	U		< 0.0059	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.3	U		< 0.3	U		< 0.3	U		0.028		
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.32	U		< 0.32	U		< 0.32	U		0.0029	J	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.3	U		0.0325	J		< 0.3	U		0.0025	J	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.31	U		< 0.31	U		< 0.31	U		< 0.0061	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.25	U		< 0.25	U		< 0.25	U		0.0108	J	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.26	U		0.234	J		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.3	U		< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.27	U		0.255	J		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.26	U		0.243	J		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.26	U		0.243	J		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.27	U		< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.27	U		< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.26	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.25	U		< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.25	U		0.229	J		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.26	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.25	U		0.228	J		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.25	U		0.228	J		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.28	U		< 0.28	U		< 0.28	U		< 0.28	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.26	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.26	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.26	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.25	U		< 0.25	U		< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 0.29	U		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.26	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.27	U		< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.28	U		< 0.28	U		< 0.28	U		< 0.28	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.27	U		< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.29	U		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.29	U		< 0.29	U		< 0.29	U		< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.26	U		< 0.26	U		< 0.26	U		< 0.26	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.27	U		< 0.27	U		< 0.27	U		< 0.27	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.29	U		< 0.29	U		< 0.29	U		< 0.0059	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.29	U		< 0.29	U		< 0.29	U		0.0589		
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.25	U		< 0.25	U		< 0.25	U		< 0.005	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.29	U		< 0.29	U		< 0.29	U		0.004	J	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.25	U		< 0.25	U		< 0.25	U		< 0.005	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.25	U		< 0.25	U		< 0.25	U		< 0.005	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	0.0431	J		< 0.31	U		< 0.31	U		0.0237	J	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.37	U		< 0.37	U		< 0.37	U		< 0.0074	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.38	U		< 0.38	U		< 0.38	U		< 0.0077	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.35	U		< 0.35	U		< 0.35	U		0.0011	J	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.007	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.42	U		< 0.42	U		0.043	J		< 0.0084	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.4	U		< 0.4	U		< 0.4	U		0.03		
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.0069	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.37	U		< 0.37	U		< 0.37	U		0.043		
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.3	U		< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.31	U		< 0.31	U		< 0.31	U		< 0.31	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	0.0238	J		< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.3	U		< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.28	U		< 0.28	U		< 0.28	U		< 0.28	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.36	U		< 0.36	U		< 0.36	U		< 0.0071	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Dimethyl phthalate (mg/kg)			Di-n-butyl phthalate (mg/kg)			Di-n-octyl phthalate (mg/kg)			Fluoranthene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.38	U		< 0.38	U		< 0.38	U		< 0.0077	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.34	U		< 0.34	U		< 0.34	U		< 0.34	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.3	U		< 0.3	U		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.007	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.34	U		< 0.34	U		< 0.34	U		< 0.0069	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.42	U		< 0.42	U		< 0.42	U		< 0.0084	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.29	U		< 0.29	U		0.169	J		0.0043	J	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.26	U		< 0.26	U		< 0.26	U		< 0.0053	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.26	U		< 0.26	U		< 0.26	U		0.0188		
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.35	U		< 0.35	U		< 0.35	U		< 0.0071	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.26	U		< 0.26	U		< 0.26	U		0.0022	J	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.25	U		< 0.25	U		< 0.25	U		< 0.0051	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.29	U		< 0.29	U		< 0.29	U		< 0.0059	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.25	U		< 0.25	U		< 0.25	U		< 0.005	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.25	U		< 0.25	U		< 0.25	U		< 0.0051	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.28	U		< 0.28	U		< 0.28	U		0.0101		
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 1.4	U		< 1.4	U		< 1.4	U		0.01	J	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.3	U		< 0.3	U		< 0.3	U		0.0063		
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.32	U		< 0.32	U		< 0.32	U		0.0019	J	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.32	U		< 0.32	U		< 0.32	U		0.0038	J	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Dimethyl phthalate (mg/kg)			Di-n-butyl phthalate (mg/kg)			Di-n-octyl phthalate (mg/kg)			Fluoranthene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.28	U		< 0.28	U		< 0.28	U		< 0.0056	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.26	U		< 0.26	U		< 0.26	U		< 0.0051	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.26	U		< 0.26	U		< 0.26	U		< 0.0051	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.28	U		< 0.28	U		< 0.28	U		0.108	J	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.26	U		< 0.26	U		< 0.26	U		0.0105	J	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.25	U		< 0.25	U		< 0.25	U		0.0132	J	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.3	U		< 0.3	U		< 0.3	U		< 0.03	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.25	U		< 0.25	U		< 0.25	U		< 0.025	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.27	U		< 0.27	U		< 0.27	U		< 0.027	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.25	U		< 0.25	U		< 0.25	U		< 0.025	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.27	U		< 0.27	U		< 0.27	U		< 0.14	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 0.27	U		< 0.27	U		< 0.27	U		< 0.027	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Dimethyl phthalate (mg/kg)			Di-n-butyl phthalate (mg/kg)			Di-n-octyl phthalate (mg/kg)			Fluoranthene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.3	U		< 0.3	U		< 0.3	U		0.0025	J	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.3	U		< 0.3	U		< 0.3	U		0.001	J	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.3	U		< 0.3	U		< 0.3	U		< 0.006	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.28	U		< 0.28	U		< 0.28	U		< 0.0056	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.29	U		< 0.29	U		< 0.29	U		< 0.0057	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.26	U		< 0.26	U		< 0.26	U		0.0327		J
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.26	U		< 0.26	U		< 0.26	U		0.0022	J	J
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.26	U		< 0.26	U		< 0.26	U		0.0037	J	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Dimethyl phthalate (mg/kg)			Di-n-butyl phthalate (mg/kg)			Di-n-octyl phthalate (mg/kg)			Fluoranthene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.31	U		0.0561	J		< 0.31	U		< 0.0062	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.32	U		< 0.32	U		< 0.32	U		0.0029	J	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.29	U		< 0.29	U		< 0.29	U		0.0185		
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.27	U		< 0.27	U		< 0.27	U		< 0.0053	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.29	U		< 0.29	U		< 0.29	U		0.0013	J	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.3	U		< 0.3	U		< 0.3	U		0.0034	J	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.31	U		< 0.31	U		< 0.31	U		< 0.0063	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.28	U		< 0.28	U		< 0.28	U		0.0011	J	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.29	U		< 0.29	U		< 0.29	U		0.0062		
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.32	U		< 0.32	U		< 0.32	U		0.0011	J	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.27	U		< 0.27	U		< 0.27	U		0.0062	B	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.3	U		< 0.3	U		< 0.3	U		< 0.0016	JB	U
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.3	U		< 0.3	U		< 0.3	U		< 0.002	JB	U
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.33	U		< 0.33	U		< 0.33	U		< 0.0066	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.31	U		< 0.31	U		< 0.31	U		0.0071		
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.31	U		< 0.31	U		< 0.31	U		0.0016	J	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.28	U		< 0.28	U		< 0.28	U		0.0088		

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Fluorene (mg/kg)			Heptadecane, 9-octyl- (mg/kg)			Hexachlorobenzene (mg/kg)			Hexachlorocyclopentadiene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	2.12						< 1.8	U		< 3.5	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	1.93						< 1.8	U		< 3.6	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	0.0218						< 0.29	U		< 0.58	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.0056	U					< 0.28	U		< 0.56	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.0059	U					< 0.29	U		< 0.59	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.0058	U					< 0.29	U		< 0.58	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.0054	U					< 0.27	U		< 0.54	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.0059	U					< 0.29	U		< 0.59	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	0.0256						< 0.3	U		< 0.6	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.0063	U					< 0.32	U		< 0.63	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.006	U					< 0.3	U		< 0.6	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.0061	U					< 0.31	U		< 0.61	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.25	U					< 0.25	U		< 0.5	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.26	U					< 0.26	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.3	U					< 0.3	U		< 0.61	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.27	U					< 0.27	U		< 0.54	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.26	U					< 0.26	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.26	U					< 0.26	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.27	U					< 0.27	U		< 0.54	U	UJ
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.27	U					< 0.27	U		< 0.54	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.26	U					< 0.26	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.25	U					< 0.25	U		< 0.5	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.25	U					< 0.25	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.26	U					< 0.26	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.25	U					< 0.25	U		< 0.5	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.25	U					< 0.25	U		< 0.5	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.28	U					< 0.28	U		< 0.55	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.26	U					< 0.26	U		< 0.52	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.26	U					< 0.26	U		< 0.53	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.26	U					< 0.26	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.25	U					< 0.25	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 0.29	U					< 0.29	U		< 0.58	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.26	U					< 0.26	U		< 0.51	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.27	U					< 0.27	U		< 0.53	U	UJ
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.28	U					< 0.28	U		< 0.56	U	UJ
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.27	U					< 0.27	U		< 0.53	U	UJ
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.29	U					< 0.29	U		< 0.58	U	UJ
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.29	U					< 0.29	U		< 0.57	U	UJ
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.26	U					< 0.26	U		< 0.52	U	UJ
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.27	U					< 0.27	U		< 0.54	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.0059	U					< 0.29	U		< 0.59	U	UJ
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	0.373						< 0.29	U		< 0.58	U	UJ
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.005	U					< 0.25	U		< 0.5	U	UJ
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	0.0149						< 0.29	U		< 0.58	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.005	U					< 0.25	U		< 0.5	U	UJ
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.005	U					< 0.25	U		< 0.5	U	UJ
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	0.0947						< 0.31	U		< 0.61	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0074	U					< 0.37	U		< 0.37	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.0077	U					< 0.38	U		< 0.38	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0071	U					< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.007	U					< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0084	U					< 0.42	U		< 0.42	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.08	U					< 0.4	U		< 0.4	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.0069	U					< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	0.18						< 0.37	U		< 0.37	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.3	U					< 0.3	U		< 0.61	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.31	U					< 0.31	U		< 0.63	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.3	U					< 0.3	U		< 0.59	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.3	U					< 0.3	U		< 0.6	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.28	U					< 0.28	U		< 0.55	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0071	U					< 0.36	U		< 0.36	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Fluorene (mg/kg)			Heptadecane, 9-octyl- (mg/kg)			Hexachlorobenzene (mg/kg)			Hexachlorocyclopentadiene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0077	U					< 0.38	U		< 0.38	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.34	U					< 0.34	U		< 0.67	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.3	U					< 0.3	U		< 0.6	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.007	U					< 0.35	U		< 0.35	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.0069	U					< 0.34	U		< 0.34	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.0084	U					< 0.42	U		< 0.42	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	0.0025	J					< 0.29	U		< 0.59	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.0053	U					< 0.26	U		< 0.53	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.0051	U					< 0.26	U		< 0.51	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0071	U					< 0.35	U		< 0.35	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.0052	U					< 0.26	U		< 0.51	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.0051	U					< 0.25	U		< 0.51	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.0059	U					< 0.29	U		< 0.58	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.005	U					< 0.25	U		< 0.5	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.0051	U					< 0.25	U		< 0.51	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.0056	U					< 0.28	U		< 0.56	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	0.0103	J					< 1.4	U		< 2.9	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	0.0108						< 0.3	U		< 0.59	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.0063	U					< 0.32	U		< 0.63	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.0063	U		0.27	JN		< 0.32	U		< 0.63	U	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Fluorene (mg/kg)			Heptadecane, 9-octyl- (mg/kg)			Hexachlorobenzene (mg/kg)			Hexachlorocyclopentadiene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0056	U					< 0.28	U		< 0.56	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.0051	U					< 0.26	U		< 0.52	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0051	U					< 0.26	U		< 0.51	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	0.459						< 0.28	U		< 0.56	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	0.188		J				< 0.26	U		< 0.51	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	0.369		J				< 0.25	U		< 0.5	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.03	U					< 0.3	U		< 0.6	U	UJ
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.025	U					< 0.25	U		< 0.5	U	UJ
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.027	U					< 0.27	U		< 0.54	U	UJ
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.025	U					< 0.25	U		< 0.51	U	UJ
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	0.805						< 0.27	U		< 0.55	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	0.449						< 0.27	U		< 0.54	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Fluorene (mg/kg)			Heptadecane, 9-octyl- (mg/kg)			Hexachlorobenzene (mg/kg)			Hexachlorocyclopentadiene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	0.0022	J					< 0.3	U		< 0.61	U	UJ
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.006	U					< 0.3	U		< 0.6	U	UJ
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.006	U					< 0.3	U		< 0.6	U	UJ
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.0056	U					< 0.28	U		< 0.56	U	UJ
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.0057	U					< 0.29	U		< 0.57	U	UJ
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.005	U					< 0.26	U		< 0.51	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.0051	U					< 0.26	U		< 0.51	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	0.0031	J					< 0.26	U		< 0.53	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Fluorene (mg/kg)			Heptadecane, 9-octyl- (mg/kg)			Hexachlorobenzene (mg/kg)			Hexachlorocyclopentadiene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.0062	U					< 0.31	U		< 0.62	U	UJ
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.0065	U					< 0.32	U		< 0.65	U	UJ
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.0057	U					< 0.29	U		< 0.57	U	UJ
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.0053	U					< 0.27	U		< 0.53	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	0.0015	J					< 0.29	U		< 0.58	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	0.0021	J					< 0.3	U		< 0.61	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0063	U					< 0.31	U		< 0.63	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.0055	U					< 0.28	U		< 0.56	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	0.0055	J					< 0.29	U		< 0.58	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.0066	U					< 0.32	U		< 0.65	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	0.0014	J					< 0.27	U		< 0.53	U	UJ
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.0061	U					< 0.3	U		< 0.61	U	UJ
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.006	U					< 0.3	U		< 0.6	U	UJ
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0066	U					< 0.33	U		< 0.66	U	UJ
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	0.0044	J					< 0.31	U		< 0.62	U	UJ
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.0061	U					< 0.31	U		< 0.61	U	UJ
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	0.0029	J					< 0.28	U		< 0.56	U	UJ

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Hexachloroethane (mg/kg)			Hexadecane (mg/kg)			Indene (mg/Kg)			Indeno(1,2,3-cd)pyrene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 1.8	U								0.121		
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 1.8	U								0.138		
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.29	U								0.0082		
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.28	U								< 0.0056	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.29	U								< 0.0059	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.29	U								< 0.0058	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.27	U								< 0.0054	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.29	U								< 0.0059	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.3	U								< 0.006	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.32	U								0.0047	J	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.3	U								0.0017	J	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.31	U								< 0.0061	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.25	U								< 0.25	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.26	U								< 0.26	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.3	U								< 0.3	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.27	U								< 0.27	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.26	U								< 0.26	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.26	U								< 0.26	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.27	U								< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.27	U								< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.26	U								< 0.26	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.25	U								< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.25	U								< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.26	U								< 0.26	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.25	U								< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.25	U								< 0.25	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.28	U								< 0.28	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.26	U								< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.26	U								< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.26	U								< 0.26	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.25	U								< 0.25	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 0.29	U								< 0.29	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.26	U								< 0.26	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.27	U								< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.28	U								< 0.28	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.27	U								< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.29	U								< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.29	U								< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.26	U								< 0.26	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.27	U								< 0.27	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.29	U								< 0.0059	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.29	U								< 0.0058	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.25	U								< 0.005	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.29	U								< 0.0058	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.25	U								< 0.005	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.25	U								< 0.005	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 0.31	U								< 0.031	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.37	U					< 0.37	U		< 0.0074	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.38	U					< 0.38	U		< 0.0077	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.35	U					< 0.35	U		< 0.0071	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.35	U					< 0.35	U		< 0.007	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.42	U					< 0.42	U		< 0.0084	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.4	U					< 0.4	U		< 0.008	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.35	U					< 0.35	U		< 0.0069	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.37	U					< 0.37	U		< 0.0073	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.3	U								< 0.3	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.31	U								< 0.31	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.3	U								< 0.3	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.3	U								< 0.3	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.28	U								< 0.28	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.36	U					< 0.36	U		< 0.0071	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Hexachloroethane (mg/kg)			Hexadecane (mg/kg)			Indene (mg/Kg)			Indeno(1,2,3-cd)pyrene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.38	U					< 0.38	U		< 0.0077	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.34	U								< 0.34	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.3	U								< 0.3	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.35	U					< 0.35	U		< 0.007	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.34	U					< 0.34	U		< 0.0069	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.42	U					< 0.42	U		< 0.0084	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.29	U								0.0015	J	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.26	U								< 0.0053	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.26	U								0.0038	J	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.35	U					< 0.35	U		< 0.0071	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.26	U								< 0.0052	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.25	U								< 0.0051	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.29	U								< 0.0059	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.25	U								< 0.005	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.25	U								< 0.0051	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.28	U								< 0.0056	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 1.4	U								< 0.029	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.3	U		0.39	JN					0.0026	J	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.32	U								< 0.0063	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.32	U								0.0043	J	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Hexachloroethane (mg/kg)			Hexadecane (mg/kg)			Indene (mg/Kg)			Indeno(1,2,3-cd)pyrene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.28	U								< 0.0056	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.26	U								0.0014	J	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.26	U								< 0.0051	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.28	U								0.0145	J	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.26	U								0.0016	J	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.25	U								0.0015	J	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.3	U								0.0081	J	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.25	U								0.0056	J	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.27	U								0.0135	J	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.25	U								0.0207	J	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.27	U								< 0.14	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 0.27	U								< 0.027	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Hexachloroethane (mg/kg)			Hexadecane (mg/kg)			Indene (mg/Kg)			Indeno(1,2,3-cd)pyrene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.3	U								0.0025	J	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.3	U								0.0228		
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.3	U								0.0063		
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.28	U								< 0.0056	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.29	U								< 0.0057	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.26	U								0.0241		
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.26	U								0.0016	J	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.26	U								< 0.0052	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Hexachloroethane (mg/kg)			Hexadecane (mg/kg)			Indene (mg/Kg)			Indeno(1,2,3-cd)pyrene (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.31	U								< 0.0062	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.32	U								0.0034	J	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.29	U								0.0232		
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.27	U								< 0.0053	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.29	U								< 0.0058	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.3	U								< 0.0061	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.31	U								< 0.0063	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.28	U								< 0.0055	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.29	U								0.0062		
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.32	U								0.0018	J	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.27	U								0.0035	J	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.3	U								< 0.0061	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.3	U								< 0.006	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.33	U								< 0.0066	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.31	U								0.0079		
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.31	U								< 0.0061	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.28	U								0.0114		

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Isophorone (3,5,5-trimethyl-2-cyclohexene-1-one) (mg/kg)			Naphthalene (mg/kg)			Nitrobenzene (mg/kg)			N-Nitrosodimethylamine (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 1.8	U					< 1.8	U		< 1.8	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 1.8	U					< 1.8	U		< 1.8	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.29	U					< 0.29	U		< 0.29	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.28	U					< 0.28	U		< 0.28	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.29	U					< 0.29	U		< 0.29	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.29	U					< 0.29	U		< 0.29	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.27	U					< 0.27	U		< 0.27	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.29	U					< 0.29	U		< 0.29	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.3	U					< 0.3	U		< 0.3	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.32	U					< 0.32	U		< 0.32	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.3	U					< 0.3	U		< 0.3	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.31	U					< 0.31	U		< 0.31	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	0.0505	J		< 0.25	U		< 0.25	U				
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.26	U		< 0.26	U		< 0.26	U				
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.3	U		< 0.3	U		< 0.3	U				
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	0.0331	J		< 0.27	U		< 0.27	U				
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.26	U		< 0.26	U		< 0.26	U				
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.26	U		< 0.26	U		< 0.26	U				
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.27	U		< 0.27	U		< 0.27	U				
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.27	U		< 0.27	U		< 0.27	U				
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.26	U		< 0.26	U		< 0.26	U				
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.25	U		< 0.25	U		< 0.25	U				
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.25	U		< 0.25	U		< 0.25	U				
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.26	U		< 0.26	U		< 0.26	U				
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.25	U		< 0.25	U		< 0.25	U				
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.25	U		< 0.25	U		< 0.25	U				
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.28	U		< 0.28	U		< 0.28	U				
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.26	U		< 0.26	U		< 0.26	U				
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.26	U		< 0.26	U		< 0.26	U				
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.26	U		< 0.26	U		< 0.26	U				
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.25	U		< 0.25	U		< 0.25	U				
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 0.29	U		31.4			< 0.29	U				
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.26	U		< 0.26	U		< 0.26	U				
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.27	U					< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.28	U					< 0.28	U		< 0.28	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.27	U					< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.29	U					< 0.29	U		< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.29	U					< 0.29	U		< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.26	U					< 0.26	U		< 0.26	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.27	U					< 0.27	U		< 0.27	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.29	U					< 0.29	U		< 0.29	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.29	U					< 0.29	U		< 0.29	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.25	U					< 0.25	U		< 0.25	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.29	U					< 0.29	U		< 0.29	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.25	U					< 0.25	U		< 0.25	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.25	U					< 0.25	U		< 0.25	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 0.31	U					< 0.31	U		< 0.31	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.37	U					< 0.37	U		< 0.37	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.38	U					< 0.38	U		< 0.38	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.35	U					< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.35	U					< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.42	U					< 0.42	U		< 0.42	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.4	U					< 0.4	U		< 0.4	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.35	U					< 0.35	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.37	U					< 0.37	U		< 0.37	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.3	U					< 0.3	U		< 0.3	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.31	U					< 0.31	U		< 0.31	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.3	U		0.029	J		< 0.3	U		< 0.3	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.3	U					< 0.3	U		< 0.3	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.28	U					< 0.28	U		< 0.28	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.36	U					< 0.36	U		< 0.36	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Isophorone (3,5,5-trimethyl-2-cyclohexene-1-one) (mg/kg)			Naphthalene (mg/kg)			Nitrobenzene (mg/kg)			N-Nitrosodimethylamine (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.38	U					< 0.38	U		< 0.38	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.34	U					< 0.34	U		< 0.34	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.3	U					< 0.3	U		< 0.3	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.35	U					< 0.35	U		< 0.35	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.34	U					< 0.34	U		< 0.34	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.42	U					< 0.42	U		< 0.42	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.29	U					< 0.29	U		< 0.29	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.26	U					< 0.26	U		< 0.26	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.26	U					< 0.26	U		< 0.26	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.35	U					< 0.35	U		< 0.35	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.26	U					< 0.26	U		< 0.26	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.25	U					< 0.25	U		< 0.25	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.29	U					< 0.29	U		< 0.29	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.25	U					< 0.25	U		< 0.25	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.25	U					< 0.25	U		< 0.25	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.28	U					< 0.28	U		< 0.28	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 1.4	U					< 1.4	U		< 1.4	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.3	U					< 0.3	U		< 0.3	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.32	U					< 0.32	U		< 0.32	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.32	U					< 0.32	U		< 0.32	U	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Isophorone (3,5,5-trimethyl-2-cyclohexene-1-one) (mg/kg)			Naphthalene (mg/kg)			Nitrobenzene (mg/kg)			N-Nitrosodimethylamine (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.28	U					< 0.28	U		< 0.28	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.26	U					< 0.26	U		< 0.26	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.26	U					< 0.26	U		< 0.26	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.28	U					< 0.28	U		< 0.28	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.26	U					< 0.26	U		< 0.26	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.25	U					< 0.25	U		< 0.25	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.3	U					< 0.3	U		< 0.3	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.25	U					< 0.25	U		< 0.25	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.27	U					< 0.27	U		< 0.27	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.25	U					< 0.25	U		< 0.25	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.27	U					< 0.27	U		< 0.27	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 0.27	U					< 0.27	U		< 0.27	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Isophorone (3,5,5-trimethyl-2-cyclohexene-1-one) (mg/kg)			Naphthalene (mg/kg)			Nitrobenzene (mg/kg)			N-Nitrosodimethylamine (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.3	U					< 0.3	U		< 0.3	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.3	U					< 0.3	U		< 0.3	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.3	U					< 0.3	U		< 0.3	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.28	U					< 0.28	U		< 0.28	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.29	U					< 0.29	U		< 0.29	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.26	U					< 0.26	U		< 0.26	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.26	U					< 0.26	U		< 0.26	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.26	U					< 0.26	U		< 0.26	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Isophorone (3,5,5-trimethyl-2-cyclohexene-1-one) (mg/kg)			Naphthalene (mg/kg)			Nitrobenzene (mg/kg)			N-Nitrosodimethylamine (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.31	U					< 0.31	U		< 0.31	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.32	U					< 0.32	U		< 0.32	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.29	U					< 0.29	U		< 0.29	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.27	U					< 0.27	U		< 0.27	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.29	U					< 0.29	U		< 0.29	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.3	U					< 0.3	U		< 0.3	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.31	U					< 0.31	U		< 0.31	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.28	U					< 0.28	U		< 0.28	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.29	U					< 0.29	U		< 0.29	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.32	U					< 0.32	U		< 0.32	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.27	U					< 0.27	U		< 0.27	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.3	U					< 0.3	U		< 0.3	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.3	U					< 0.3	U		< 0.3	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.33	U					< 0.33	U		< 0.33	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.31	U					< 0.31	U		< 0.31	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.31	U					< 0.31	U		< 0.31	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.28	U					< 0.28	U		< 0.28	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					N-Nitrosodi-n-propylamine (mg/kg)			N-Nitrosodiphenylamine (mg/kg)			Octadecane (mg/kg)			p-Chloroaniline (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 1.8	U		< 1.8	U					< 3.5	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 1.8	U		< 1.8	U					< 3.6	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.29	U		< 0.29	U					< 0.58	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.28	U		< 0.28	U					< 0.56	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.29	U		< 0.29	U					< 0.59	U	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.29	U		< 0.29	U					< 0.58	U	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.27	U		< 0.27	U					< 0.54	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.29	U		< 0.29	U					< 0.59	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.3	U		< 0.3	U					0.041	J	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.32	U		< 0.32	U					< 0.63	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.3	U		< 0.3	U					< 0.6	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.31	U		< 0.31	U					< 0.61	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.25	U		< 0.25	U					< 0.5	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.26	U		< 0.26	U					< 0.52	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.3	U		< 0.3	U					< 0.61	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.27	U		< 0.27	U					< 0.54	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.26	U		< 0.26	U					< 0.52	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.26	U		< 0.26	U					< 0.52	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.27	U		< 0.27	U					< 0.54	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.27	U		< 0.27	U					< 0.54	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.26	U		< 0.26	U					< 0.51	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.25	U		< 0.25	U					< 0.5	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.25	U		< 0.25	U					< 0.51	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.26	U		< 0.26	U					< 0.52	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.25	U		< 0.25	U					< 0.5	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.25	U		< 0.25	U					< 0.5	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.28	U		< 0.28	U					< 0.55	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.26	U		< 0.26	U					< 0.52	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.26	U		< 0.26	U					< 0.53	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.26	U		< 0.26	U					< 0.51	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.25	U		< 0.25	U					< 0.51	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 0.29	U		< 0.29	U					< 0.58	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.26	U		< 0.26	U					< 0.51	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.27	U		< 0.27	U					< 0.53	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.28	U		< 0.28	U					< 0.56	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.27	U		< 0.27	U					< 0.53	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.29	U		< 0.29	U					< 0.58	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.29	U		< 0.29	U					< 0.57	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.26	U		< 0.26	U					< 0.52	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.27	U		< 0.27	U					< 0.54	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.29	U		< 0.29	U					< 0.59	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.29	U		< 0.29	U					< 0.58	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.25	U		< 0.25	U					< 0.5	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.29	U		< 0.29	U					< 0.58	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.25	U		< 0.25	U					< 0.5	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.25	U		< 0.25	U					< 0.5	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 0.31	U		< 0.31	U					< 0.61	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.37	U		< 0.37	U					< 0.37	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.38	U		< 0.38	U					< 0.38	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.35	U		< 0.35	U					< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.35	U		< 0.35	U					< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.42	U		< 0.42	U					< 0.42	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.4	U		< 0.4	U					< 0.4	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.35	U		< 0.35	U					< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.37	U		< 0.37	U					< 0.37	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.3	U		< 0.3	U					< 0.61	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.31	U		< 0.31	U					< 0.63	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.3	U		< 0.3	U					< 0.59	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.3	U		< 0.3	U					< 0.6	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.28	U		< 0.28	U					< 0.55	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.36	U		< 0.36	U					< 0.36	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					N-Nitrosodi-n-propylamine (mg/kg)			N-Nitrosodiphenylamine (mg/kg)			Octadecane (mg/kg)			p-Chloroaniline (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.38	U		< 0.38	U					< 0.38	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.34	U		< 0.34	U					< 0.67	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.3	U		< 0.3	U					< 0.6	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.35	U		< 0.35	U					< 0.35	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.34	U		< 0.34	U					< 0.34	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.42	U		< 0.42	U					< 0.42	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.29	U		< 0.29	U					< 0.59	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.26	U		< 0.26	U					< 0.53	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.26	U		< 0.26	U					< 0.51	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.35	U		< 0.35	U					< 0.35	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.26	U		< 0.26	U					< 0.51	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.25	U		< 0.25	U					< 0.51	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.29	U		< 0.29	U					< 0.58	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.25	U		< 0.25	U					< 0.5	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.25	U		< 0.25	U					< 0.51	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.28	U		< 0.28	U					< 0.56	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 1.4	U		< 1.4	U					< 2.9	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.3	U		< 0.3	U					< 0.59	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.32	U		< 0.32	U					< 0.63	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.32	U		< 0.32	U		0.28	JN		< 0.63	U	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					N-Nitrosodi-n-propylamine (mg/kg)			N-Nitrosodiphenylamine (mg/kg)			Octadecane (mg/kg)			p-Chloroaniline (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.28	U		< 0.28	U					< 0.56	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.26	U		< 0.26	U					< 0.52	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.26	U		< 0.26	U					< 0.51	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.28	U		< 0.28	U					< 0.56	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.26	U		< 0.26	U					< 0.51	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.25	U		< 0.25	U					< 0.5	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.3	U		< 0.3	U					< 0.6	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.25	U		< 0.25	U					< 0.5	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.27	U		< 0.27	U					< 0.54	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.25	U		< 0.25	U					< 0.51	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.27	U		< 0.27	U					< 0.55	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 0.27	U		< 0.27	U					< 0.54	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					N-Nitrosodi-n-propylamine (mg/kg)			N-Nitrosodiphenylamine (mg/kg)			Octadecane (mg/kg)			p-Chloroaniline (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.3	U		< 0.3	U					< 0.61	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.3	U		< 0.3	U					< 0.6	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.3	U		< 0.3	U					< 0.6	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.28	U		< 0.28	U					< 0.56	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.29	U		< 0.29	U					< 0.57	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.26	U		< 0.26	U					< 0.51	U	UJ
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.26	U		< 0.26	U					< 0.51	U	UJ
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.26	U		< 0.26	U					< 0.53	U	UJ
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					N-Nitrosodi-n-propylamine (mg/kg)			N-Nitrosodiphenylamine (mg/kg)			Octadecane (mg/kg)			p-Chloroaniline (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.31	U		< 0.31	U					< 0.62	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.32	U		< 0.32	U					< 0.65	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.29	U		< 0.29	U					< 0.57	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.27	U		< 0.27	U					< 0.53	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.29	U		< 0.29	U					< 0.58	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.3	U		< 0.3	U					< 0.61	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.31	U		< 0.31	U					< 0.63	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.28	U		< 0.28	U					< 0.56	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.29	U		< 0.29	U					< 0.58	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.32	U		< 0.32	U					< 0.65	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.27	U		< 0.27	U					< 0.53	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.3	U		< 0.3	U					< 0.61	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.3	U		< 0.3	U					< 0.6	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.33	U		< 0.33	U					< 0.66	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.31	U		< 0.31	U					< 0.62	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.31	U		< 0.31	U					< 0.61	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.28	U		< 0.28	U					< 0.56	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Pentachlorophenol (mg/kg)			Pentadecane (mg/kg)			Phenanthrene (mg/kg)			Phenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	< 3.5	U					12.7			< 1.8	U	
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	< 3.6	U					12.7			< 1.8	U	
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	< 0.58	U					0.174			< 0.29	U	
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.56	U					< 0.0056	U		< 0.28	U	
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.59	U					< 0.0059	U		0.116	J	
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.58	U					< 0.0058	U		0.0969	J	
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.54	U					< 0.0054	U		< 0.27	U	
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.59	U					< 0.0013	JB	U	< 0.29	U	
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	< 0.6	U					0.106			< 0.3	U	
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	< 0.63	U					< 0.002	JB	U	< 0.32	U	
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	< 0.6	U					0.0022	J		< 0.3	U	
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.61	U					< 0.0061	U		< 0.31	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	< 0.5	U					< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.52	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.61	U					< 0.3	U		< 0.3	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.54	U					< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.52	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.52	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.54	U					< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.54	U					< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.51	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.5	U					< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.51	U					< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.52	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.5	U					< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.5	U					< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.55	U					< 0.28	U		< 0.28	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.52	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.53	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.51	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.51	U					< 0.25	U		< 0.25	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	< 0.58	U					11.4			< 0.29	U	
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.51	U					< 0.26	U		< 0.26	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.53	U					< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.56	U					< 0.28	U		< 0.28	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.53	U					< 0.27	U		< 0.27	U	
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.58	U					< 0.29	U		< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.57	U					< 0.29	U		< 0.29	U	
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.52	U					< 0.26	U		< 0.26	U	
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.54	U					< 0.27	U		< 0.27	U	
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.59	U					< 0.0059	U		< 0.29	U	
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	< 0.58	U					1.56			< 0.29	U	
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.5	U					< 0.005	U		< 0.25	U	
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	< 0.58	U					0.0242			< 0.29	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.5	U					< 0.0016	JB	U	< 0.25	U	
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.5	U					< 0.005	U		< 0.25	U	
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	< 0.61	U					0.112			< 0.31	U	
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.74	U					< 0.0074	U		< 0.37	U	
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.77	U					< 0.0077	U		< 0.38	U	
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.71	U					< 0.0071	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.7	U					< 0.007	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.84	U					< 0.0084	U		< 0.42	U	
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	< 0.8	U					0.14			< 0.4	U	
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.69	U					< 0.0069	U		< 0.35	U	
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	< 0.73	U					0.57			< 0.37	U	
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.61	U					< 0.3	U		< 0.3	U	
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.63	U					< 0.31	U		< 0.31	U	
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.59	U					< 0.3	U		< 0.3	U	
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.6	U					< 0.3	U		< 0.3	U	
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.55	U					< 0.28	U		< 0.28	U	
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.71	U					< 0.0071	U		< 0.36	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Pentachlorophenol (mg/kg)			Pentadecane (mg/kg)			Phenanthrene (mg/kg)			Phenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.77	U					< 0.0077	U		< 0.38	U	
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.67	U					< 0.34	U		< 0.34	U	
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.6	U					< 0.3	U		< 0.3	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.7	U					0.0015	J		< 0.35	U	
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.69	U					< 0.0069	U		< 0.34	U	
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.84	U					< 0.0084	U		< 0.42	U	
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	< 0.59	U					0.0127			< 0.29	U	
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.53	U					< 0.0053	U		< 0.26	U	
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	< 0.51	U					0.0046	J		< 0.26	U	
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.71	U					< 0.0071	U		< 0.35	U	
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	< 0.51	U					0.0028	J		< 0.26	U	
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.51	U					< 0.0051	U		< 0.25	U	
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.58	U					< 0.0059	U		< 0.29	U	
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.5	U					< 0.005	U		< 0.25	U	
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.51	U					< 0.0051	U		< 0.25	U	
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	< 0.56	U					0.0124			< 0.28	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	< 2.9	U					0.0405			< 1.4	U	
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	< 0.59	U		0.58	JN		0.0304			< 0.3	U	
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	< 0.63	U					0.0014	J		< 0.32	U	
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	< 0.63	U					0.0018	J		< 0.32	U	
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Pentachlorophenol (mg/kg)			Pentadecane (mg/kg)			Phenanthrene (mg/kg)			Phenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.56	U					0.0015	J		< 0.28	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.52	U					< 0.0051	U		< 0.26	U	
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.51	U					< 0.0051	U		< 0.26	U	
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	< 0.56	U					0.889			< 0.28	U	
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	< 0.51	U					0.412			< 0.26	U	
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	< 0.5	U					0.556			< 0.25	U	
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.6	U					< 0.03	U		< 0.3	U	
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.5	U					< 0.025	U		< 0.25	U	
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.54	U					< 0.027	U		< 0.27	U	
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.51	U					< 0.025	U		< 0.25	U	
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	< 0.55	U					2.25			< 0.27	U	
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	< 0.54	U					1.89			< 0.27	U	
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Pentachlorophenol (mg/kg)			Pentadecane (mg/kg)			Phenanthrene (mg/kg)			Phenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	< 0.61	U					0.0026	J		< 0.3	U	
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.6	U					0.0014	J		< 0.3	U	
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.6	U					< 0.006	U		< 0.3	U	
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.56	U					< 0.0056	U		< 0.28	U	
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.57	U					< 0.0057	U		< 0.29	U	
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	< 0.51	U					0.0069			< 0.26	U	
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	< 0.51	U					0.0017	J		< 0.26	U	
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	< 0.53	U					0.0128			< 0.26	U	
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs											
					Pentachlorophenol (mg/kg)			Pentadecane (mg/kg)			Phenanthrene (mg/kg)			Phenol (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.62	U					< 0.004	JB	U	< 0.31	U	
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	< 0.65	U					< 0.0051	JB	U	< 0.32	U	
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	< 0.57	U					< 0.013	B	U	< 0.29	U	
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.53	U					< 0.0033	JB	U	< 0.27	U	
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.58	U					< 0.0037	JB	U	< 0.29	U	
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	< 0.61	U					< 0.0057	JB	U	< 0.3	U	
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.63	U					< 0.0031	JB	U	< 0.31	U	
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.56	U					0.0012	J		< 0.28	U	
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	< 0.58	U					0.0067			< 0.29	U	
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.65	U					0.0016	J		< 0.32	U	
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	< 0.53	U					< 0.0049	JB	U	< 0.27	U	
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.61	U					< 0.004	JB	U	< 0.3	U	
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.6	U					< 0.004	JB	U	< 0.3	U	
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.66	U					< 0.0031	JB	U	< 0.33	U	
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	< 0.62	U					0.0062	B		< 0.31	U	
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.61	U					< 0.0019	JB	U	< 0.31	U	
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	< 0.56	U					0.0115	B		< 0.28	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs									Hydrocarbons		
					Pyrene (mg/kg)			Pyridine (mg/kg)			Tridecane (mg/kg)			TPH (>C28-C40) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015	2.72			< 3.5	U							
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015	2.9			< 3.6	U							
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015	0.0461			< 0.58	U							
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014	< 0.0056	U		< 0.56	U							
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014	< 0.0059	U		< 0.59	U							
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014	< 0.0058	U		< 0.58	U							
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014	< 0.0054	U		< 0.54	U							
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014	< 0.0059	U		< 0.59	U							
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014	0.0377			< 0.6	U							
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014	0.0058	J		< 0.63	U							
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014	0.0028	J		< 0.6	U							
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014	< 0.0061	U		< 0.61	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011	0.0511	J		< 0.5	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011	< 0.26	U		< 0.52	U							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011	< 0.3	U		< 0.61	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011	< 0.27	U		< 0.54	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011	< 0.26	U		< 0.52	U							
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011	< 0.26	U		< 0.52	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011	< 0.27	U		< 0.54	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011	< 0.27	U		< 0.54	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011	< 0.26	U		< 0.51	U							
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011	< 0.25	U		< 0.5	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011	< 0.25	U		< 0.51	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011	< 0.26	U		< 0.52	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011	< 0.25	U		< 0.5	U							
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011	< 0.25	U		< 0.5	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011	< 0.28	U		< 0.55	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011	< 0.26	U		< 0.52	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011	< 0.26	U		< 0.53	U							
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011	< 0.26	U		< 0.51	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011	< 0.25	U		< 0.51	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011	0.801			< 0.58	U							
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011	< 0.26	U		< 0.51	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011	< 0.27	U		< 0.53	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011	< 0.28	U		< 0.56	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011	< 0.27	U		< 0.53	U							
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011	< 0.29	U		< 0.58	U							
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011	< 0.29	U		< 0.57	U							
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011	< 0.26	U		< 0.52	U							
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011										< 19	U	
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011	< 0.27	U		< 0.54	U							
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014	< 0.0059	U		< 0.59	U							
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014	0.144			< 0.58	U							
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014	< 0.005	U		< 0.5	U							
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014	0.0067			< 0.58	U							
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014	< 0.005	U		< 0.5	U							
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014	< 0.005	U		< 0.5	U							
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014	0.0319			< 0.61	U							
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015	< 0.0074	U		< 0.37	U							
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015	< 0.0077	U		< 0.38	U							
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015	< 0.0071	U		< 0.35	U							
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015	< 0.007	U		< 0.35	U							
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015	< 0.0084	U		< 0.42	U F1							
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015	0.058			< 0.4	U							
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015	< 0.0069	U		< 0.35	U							
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015	0.061			< 0.37	U							
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011	< 0.3	U		< 0.61	U							
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011	< 0.31	U		< 0.63	U							
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011	< 0.3	U		< 0.59	U							
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011	< 0.3	U		< 0.6	U							
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011	< 0.28	U		< 0.55	U							
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015	< 0.0071	U		< 0.36	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs									Hydrocarbons		
					Pyrene (mg/kg)			Pyridine (mg/kg)			Tridecane (mg/kg)			TPH (>C28-C40) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015	< 0.0077	U		< 0.38	U F1							
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011	< 0.34	U		< 0.67	U							
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011	< 0.3	U		< 0.6	U							
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015	< 0.007	U		< 0.35	U							
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015	< 0.0069	U		< 0.34	U							
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015	< 0.0084	U		< 0.42	U							
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011										< 18	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011										< 18	U	
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011										< 18	U	
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011										< 17	U	
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011										< 17	U	
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011										< 17	U	
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011										< 17	U	
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011										< 17	U	
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011										< 19	U	
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015	0.0134			< 0.59	U							
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015	< 0.0053	U		< 0.53	U							
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015	0.0142			< 0.51	U							
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011										< 17	U	
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011										< 21	U	
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011										18.5		
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011										13.6	J	
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011										< 17	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011										< 17	U	
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011										21.9		
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015	< 0.0071	U		< 0.35	U							
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013	0.0027	J		< 0.51	U							
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013	< 0.0051	U		< 0.51	U							
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013	< 0.0059	U		< 0.58	U							
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013	< 0.005	U		< 0.5	U							
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013	< 0.0051	U		< 0.51	U							
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013	0.0065			< 0.56	U							
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013	0.0276	J		< 2.9	U							
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013	0.0175			< 0.59	U		0.37		JN			
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013	0.0031	J		< 0.63	U							
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013	0.0074			< 0.63	U							
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011										< 18	U	
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011										< 18	U	
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011										20.7	J	
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011										16.5	J	
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011										< 93	U	
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011										< 86	U	
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011										< 93	U	
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011										< 17	U	
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011										< 82	U	
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011										34.6		
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011										23.2		
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011										13.8	J	
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011										< 17	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs									Hydrocarbons		
					Pyrene (mg/kg)			Pyridine (mg/kg)			Tridecane (mg/kg)			TPH (>C28-C40) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011										2300		
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011										654		
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011										36.6		
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011										< 20	U	
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011										86.8	J	
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011										< 18	U	
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011										< 17	U	
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011										68.4		
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011										27.4		
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011										< 17	U	
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011										< 18	U	
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011										< 19	U	
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011										< 19	U	
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011										< 19	U	
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011										< 17	U	
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014	< 0.0056	U		< 0.56	U							
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014	< 0.0051	U		< 0.52	U							
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014	< 0.0051	U		< 0.51	U							
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011										< 19	U	
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011										< 17	U	
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011										< 16	U	
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011										< 19	U	
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011										< 17	U	
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011										< 17	U	
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013	0.347			< 0.56	U							
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013	0.0277			< 0.51	U							
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013	0.0336			< 0.5	U							
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013	< 0.03	U		< 0.6	U							
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013	< 0.025	U		< 0.5	U							
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013	< 0.027	U		< 0.54	U							
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013	< 0.025	U		< 0.51	U							
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013	0.312			< 0.55	U							
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013	0.125			< 0.54	U							
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011										< 19	U	
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011										< 19	U	

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs									Hydrocarbons		
					Pyrene (mg/kg)			Pyridine (mg/kg)			Tridecane (mg/kg)			TPH (>C28-C40) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011										< 17	U	
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011										< 18	U	
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011										< 18	U	
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011										< 17	U	
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011										< 17	U	
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011										53.8		
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011										41.1		
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011										172		
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011										< 17	U	
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011										191		
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011										26.4		
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011										20.5		
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011										17.2		
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011										27.2		
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011										< 19	U	
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011										< 17	U	
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011										< 18	U	
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011										< 18	U	
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011										68.1		
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011										21.8		
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011										21.3		
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011										< 17	U	
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011										< 100	U	
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011										< 180	U	
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011										< 17	U	
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011										< 17	U	
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011										34.1		
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011										113		
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011										< 17	U	
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011										47.6		
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013	0.0027	J		< 0.61	U							
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013	< 0.006	U		< 0.6	U							
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013	< 0.006	U		< 0.6	U							
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013	< 0.0056	U		< 0.56	U							
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013	< 0.0057	U		< 0.57	U							
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011										< 18	U	
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011										< 18	U	
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011										< 18	U	
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011										< 18	U	
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011										< 18	U	
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011										< 17	U	
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011										< 18	U	
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011										< 18	U	
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011										< 22	U	
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011										< 18	U	
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011										< 19	U	
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011										15.2	J	
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011										< 18	U	
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011										< 18	U	
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011										< 18	U	
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011										< 19	U	
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011										< 17	U	
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015	0.0325		J	< 0.51	U							
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015	0.004	J	J	< 0.51	U							
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015	0.0026	J		< 0.53	U							
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011										< 19	U	
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011										< 18	U	
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011										< 17	U	
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011										21.2		
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011										170		
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011										63.6		
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011										73.6		

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	SVOCs									Hydrocarbons		
					Pyrene (mg/kg)			Pyridine (mg/kg)			Tridecane (mg/kg)			TPH (>C28-C40) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011										< 960	U	
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011										< 17	U	
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011										37		
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011										136		
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011										< 17	U	
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011										< 18	U	
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011										< 17	U	
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011										72		
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011										< 17	U	
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011										< 21	U	
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011										124		
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011										< 17	U	
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011										< 17	U	
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011										66.3		
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011										242		
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011										184		J
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011										78.7		J
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011										< 17	U	
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011										< 16	U	
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011										< 19	U	
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011										< 18	U	
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011										< 19	U	
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011										< 17	U	
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011										< 19	U	
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013	< 0.0062	U		< 0.62	U							
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013	0.0037	J		< 0.65	U							
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013	0.216			< 0.57	U							
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013	< 0.0053	U		< 0.53	U							
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0058	U		< 0.58	U							
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013	0.0037	J		< 0.61	U							
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013	< 0.0063	U		< 0.63	U							
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013	< 0.0055	U		< 0.56	U							
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013	0.0061			< 0.58	U							
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013	< 0.0066	U		< 0.65	U							
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013	0.006			< 0.53	U							
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013	< 0.0061	U		< 0.61	U							
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.006	U		< 0.6	U							
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013	< 0.0066	U		< 0.66	U							
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013	0.0073			< 0.62	U	UJ						
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013	< 0.0061	U		< 0.61	U	UJ						
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013	0.033			< 0.56	U	UJ						

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	Hydrocarbons						Other Parameters					
					TPH (C10-C28) (mg/kg)			TPH GRO (C6-C10) (mg/kg)			Cyanide (mg/kg)			Ignitability, Flashpoint (Deg_ F)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015				18.7								
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015				18.7								
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015				< 12	U							
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014				< 13	U							
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014				3.55	J							
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014				4.7	J							
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014				5.09	J							
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014				< 34	U							
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014				< 16	U							
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014				5.31	J							
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014				2.86	J							
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014				7.7	J							
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011	< 19	U		< 13	U							
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014				12.2	J							
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014				156								
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014				2.55	J							
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014				249								
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014				< 13	U							
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014				< 13	U							
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014				276								
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015				< 5.2	U							
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015				< 5.6	U							
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015				< 4.7	U							
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015				< 4.6	U							
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015				< 4.4	U							
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015				780								
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015				< 5	U							
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015				12								
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015				< 5.2	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	Hydrocarbons						Other Parameters					
					TPH (C10-C28) (mg/kg)			TPH GRO (C6-C10) (mg/kg)			Cyanide (mg/kg)			Ignitability, Flashpoint (Deg_ F)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015				< 5.2	U							
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015				< 5.4	U							
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015				< 5.2	U							
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015				< 5.4	U							
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011	< 18	U		< 14	U							
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011	< 18	U		< 13	U							
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011	< 18	U		< 15	U							
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011	< 17	U		< 13	U							
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011	< 17	U		< 14	U							
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011	< 17	U		< 12	U							
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011	< 17	U		< 5.9	U							
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011	< 17	U		< 12	U							
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011	< 19	U		< 13	U							
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015				< 13	U							
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015				< 6.4	U							
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015				< 6	U							
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011	< 17	U		< 18	U							
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011	< 21	U		< 23	U							
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011	839			2650								
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011	14	J		< 15	U							
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011	< 17	U		< 17	U							
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011	975			86.6								
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011	861			33.8								
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013				< 15	U							
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013				< 12	U							
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013				8.25	J							
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013				3.95	J							
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013				29000								
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013				< 11	U							
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013				44700		J						
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015				< 5.3	U							
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013				3.53	J							
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013				3.34	J							
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013				4.24	J							
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013				< 11	U							
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013				< 2.63	JB	U						
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013				< 12	U							
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013				< 13	U	UJ						
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013				14.5	J	J						
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013				3.52	J	J						
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013				3.22	J	J						
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011	< 18	U		< 26	U							
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011	< 18	U		< 23	U							
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011	< 22	U		20.1								
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011	22.1			< 7.1	U							
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011	4830			2520								
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011	5400			728		J						
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011	4420			109		J						
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011	755		J	341		J						
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011	1730		J	22.8		J						
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011	60.9			< 13	U							
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011	76.8			298		J						
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011	16.7	J		145		J						
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011	< 17	U		36.9		J						

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	Hydrocarbons						Other Parameters					
					TPH (C10-C28) (mg/kg)			TPH GRO (C6-C10) (mg/kg)			Cyanide (mg/kg)			Ignitability, Flashpoint (Deg_ F)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011	8070			3910								
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011	2070			914								
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011	48.9			296								
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011	< 20	U		< 12	U							
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011	2150			176								
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011	25.2			40								
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011	< 17	U		< 15	U							
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011	24.6			36.9								
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011	42			1390								
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011	< 17	U		< 11	U							
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011	< 18	U		< 12	U							
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011	< 19	U		< 13	U							
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011	49.2			83.2								
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011	< 19	U		19.3								
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011	< 17	U		< 9.2	U							
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014				< 14	U							
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014				< 13	U							
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014				< 13	U							
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011	< 19	U		< 12	U							
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011	< 17	U		< 12	U							
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011	< 16	U		< 12	U							
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011	< 19	U		< 7.1	U							
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011	< 17	U		< 16	U							
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011	< 17	U		55.6								
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011	< 19	U		< 16	U							
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011	< 19	U		< 15	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	Hydrocarbons						Other Parameters					
					TPH (C10-C28) (mg/kg)			TPH GRO (C6-C10) (mg/kg)			Cyanide (mg/kg)			Ignitability, Flashpoint (Deg_ F)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011	72.8			150								
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011	35.5			1690		J						
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011	55.6			801		J						
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011	222			545		J						
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011	220			1380		J						
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011	1390			2670								
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011	208			1080								
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011	6310			7900								
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011	156			126								
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011	455			1080								
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011	43.2			< 12	U							
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011	92.9			87.7								
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011	29.7			12	J							
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011	460			336								
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011	< 19	U		< 12	U							
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011	20.6			23.9								
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011	< 18	U		< 12	U							
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011	< 18	U		< 12	U							
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011	29.3			107								
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011	954			53								
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011	960			108								
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011	16.1	J		61.2								
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011	1200			886								
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011	2030			11700								
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011	15.3	J		58.1								
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011	< 17	U		23.1								
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011	2150			692								
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011	143			288								
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011	< 17	U		21.7								
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011	86.4			11.3	J							
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013				21								
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013				< 13	U							
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013				< 13	U							
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013				< 12	U							
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013				< 15	U							
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011	< 18	U		< 32	U							
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011	< 18	U		16	J							
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011	< 18	U		< 15	U							
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011	< 18	U		8.45	J							
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011	< 18	U		14.3	J							
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011	516			13								
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011	1030			1090								
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011	1030			918								
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011	25.7			458								
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011	312			439								
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011	492			1410								
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011	< 20	U		< 51	U							
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011	< 18	U		< 46	U							
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011	< 18	U		< 40	U							
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011	< 18	U		2.68	J							
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011	< 19	U		< 13	U							
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 17	U		< 14	U							
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015				< 5.9	U							
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015				< 6.1	U							
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015				< 6	U							
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011	619			909								
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011	33.6			4.74	J							
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 17	U		12.4								
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011	382			3190								
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011	3680			636								
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011	2450			970		J						
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011	2780			35.9		J						

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

					Hydrocarbons						Other Parameters					
Area	Location	Sample ID	Depth	Sample Date	TPH (C10-C28) (mg/kg)			TPH GRO (C6-C10) (mg/kg)			Cyanide (mg/kg)			Ignitability, Flashpoint (Deg_ F)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011	1070			4920								
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011	< 17	U		4.62	J							
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011	3900			8650								
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011	2810			3320								
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011	345			105								
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011	615			499								
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011	19.8			386								
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011	246			1240								
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011	< 17	U		14								
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011	113			404								
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011	3360			4270								
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011	71.7			49		J						
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011	57.5			121		J						
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011	884			2020								
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011	5480			1770								
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011	5790		J	483								
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011	2310		J	349								
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011	89.2			5.11	J							
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 16	U		6.08	J							
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011	< 19	U		< 14	U							
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011	< 18	U		< 15	U							
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011	< 19	U		< 15	U							
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011	< 17	U		< 12	U							
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011	< 19	U		< 14	U							
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013				< 14	U							
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013				< 13	U							
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013				< 11	U							
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013				< 13	U							
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013				11.3	J							
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013				< 13	U							
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013				3.61	J							
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013				4.98	J							
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013				< 11	U							
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013				11.5	J							
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013				< 13	U							
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013				4.61	J							
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013				< 13	U							
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013				< 14	U							
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013				< 12	U							
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013				< 12	U							
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013				< 10	U							

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	Other Parameters									PCBs/Pesticides		
					Percent Moisture (%)			pH (su)			Sulfide (mg/kg)			PCB-1016 (Arochlor 1016) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	Other Parameters									PCBs/Pesticides		
					Percent Moisture (%)			pH (su)			Sulfide (mg/kg)			PCB-1016 (Arochlor 1016) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009	15.32											
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009	4.55											
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009	5.45											
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008	24.7											
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008	1.85											
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008	3.52											
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	Other Parameters									PCBs/Pesticides		
					Percent Moisture (%)			pH (su)			Sulfide (mg/kg)			PCB-1016 (Arochlor 1016) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009	22.06											
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009	23.46											
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009	12.22											
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010	23.8											
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010	13.8											
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009	31.81											
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009	20.36											
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009	9.21											
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010	31.1											
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010	21.9											
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010	13.7											
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010	14.1											
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008	5.04											
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008	3.55											
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008	3.37											
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009	1.32											
WRR	GP-7	GP-7-37	3 ft	8/26/2009	26.88											
WRR	GP-7	GP-7-37D	3 ft	8/26/2009	22.95											
WRR	GP-7	GP-7-41	3 ft	8/26/2009	23.89											
WRR	GP-8	GP-8-13	13 ft	8/26/2009	6											
WRR	GP-8	GP-8-35	35 ft	8/26/2009	11.03											
WRR	GP-8	GP-8-47	47 ft	8/26/2009	16.47											
WRR	GP-8	GP-8-47D	47 ft	8/26/2009	19.03											
WRR	GP-9	GP-9-18	18 ft	8/25/2009	7.04											
WRR	GP-9	GP-9-37	37 ft	8/25/2009	19.68											
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008	18.3											
WRR	MW-06	B-6-23	23 ft	5/19/2008	8.63											
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	Other Parameters									PCBs/Pesticides		
					Percent Moisture (%)			pH (su)			Sulfide (mg/kg)			PCB-1016 (Arochlor 1016) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013												
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	Other Parameters									PCBs/Pesticides		
					Percent Moisture (%)			pH (su)			Sulfide (mg/kg)			PCB-1016 (Arochlor 1016) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	PCBs/Pesticides											
					PCB-1221 (Arochlor 1221) (mg/kg)			PCB-1232 (Arochlor 1232) (mg/kg)			PCB-1242 (Arochlor 1242) (mg/kg)			PCB-1248 (Arochlor 1248) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015												
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015												
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014												
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014												
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014												
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014												
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014												
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014												
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014												
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011												
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011												
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011												
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011												
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011												
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014												
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014												
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014												
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014												
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014												
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015												
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015												
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015												
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011												
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	PCBs/Pesticides											
					PCB-1221 (Arochlor 1221) (mg/kg)			PCB-1232 (Arochlor 1232) (mg/kg)			PCB-1242 (Arochlor 1242) (mg/kg)			PCB-1248 (Arochlor 1248) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015												
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011												
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011												
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015												
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015												
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011												
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011												
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011												
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015												
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015												
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011												
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011												
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013												
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013												
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013												
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013												
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015												
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013												
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013												
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013												
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013												
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013												
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009												
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009												
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008												
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008												
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011												
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011												
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011												
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011												
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011												
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	PCBs/Pesticides											
					PCB-1221 (Arochlor 1221) (mg/kg)			PCB-1232 (Arochlor 1232) (mg/kg)			PCB-1242 (Arochlor 1242) (mg/kg)			PCB-1248 (Arochlor 1248) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011												
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011												
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011												
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011												
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009												
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009												
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010												
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010												
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009												
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009												
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010												
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010												
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008												
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008												
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011												
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011												
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011												
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011												
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011												
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011												
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014												
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011												
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011												
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011												
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011												
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011												
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011												
WRR	GP-7	GP-7-25	3 ft	8/26/2009												
WRR	GP-7	GP-7-37	3 ft	8/26/2009												
WRR	GP-7	GP-7-37D	3 ft	8/26/2009												
WRR	GP-7	GP-7-41	3 ft	8/26/2009												
WRR	GP-8	GP-8-13	13 ft	8/26/2009												
WRR	GP-8	GP-8-35	35 ft	8/26/2009												
WRR	GP-8	GP-8-47	47 ft	8/26/2009												
WRR	GP-8	GP-8-47D	47 ft	8/26/2009												
WRR	GP-9	GP-9-18	18 ft	8/25/2009												
WRR	GP-9	GP-9-37	37 ft	8/25/2009												
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013												
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013												
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013												
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013												
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013												
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013												
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013												
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013												
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013												
WRR	MW-06	B-6-04	4 ft	5/15/2008												
WRR	MW-06	B-6-23	23 ft	5/19/2008												
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011												
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	PCBs/Pesticides											
					PCB-1221 (Arochlor 1221) (mg/kg)			PCB-1232 (Arochlor 1232) (mg/kg)			PCB-1242 (Arochlor 1242) (mg/kg)			PCB-1248 (Arochlor 1248) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011												
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011												
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011												
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011												
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011												
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011												
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011												
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011												
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011												
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011												
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011												
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011												
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011												
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011												
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011												
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011												
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011												
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011												
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011												
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011												
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011												
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011												
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011												
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011												
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011												
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011												
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013												
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013												
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013												
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013												
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013												
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011												
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011												
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011												
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011												
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011												
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011												
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011												
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011												
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011												
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011												
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011												
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015												
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015												
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011												
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011												
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	PCBs/Pesticides											
					PCB-1221 (Arochlor 1221) (mg/kg)			PCB-1232 (Arochlor 1232) (mg/kg)			PCB-1242 (Arochlor 1242) (mg/kg)			PCB-1248 (Arochlor 1248) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011												
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011												
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011												
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011												
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011												
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011												
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011												
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011												
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011												
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011												
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011												
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013												
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013												
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013												
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013												
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013												
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013												
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013												
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013												
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013												
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013												

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	PCBs/Pesticides					
					PCB-1254 (Arochlor 1254) (mg/kg)			PCB-1260 (Arochlor 1260) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)	4 - 6 ft	1/19/2015						
Village of Roxana	MW-23	MW23-ROX-011915 (4-6)-DUP	4 - 6 ft	1/19/2015						
Village of Roxana	MW-23	MW23-ROX-012015 (32-36)	32 - 36 ft	1/20/2015						
Village of Roxana	MW-25	MW25-082814(36'-38')	36 - 38 ft	8/28/2014						
Village of Roxana	MW-25	MW25-082814(44'-46')	44 - 46 ft	8/28/2014						
Village of Roxana	MW-25	MW25-082814(44'-46')-DUP	44 - 46 ft	8/28/2014						
Village of Roxana	MW-26	MW26-082714 (38-40')	38 - 40 ft	8/27/2014						
Village of Roxana	MW-26	MW26-082714 (46-48')	46 - 48 ft	8/27/2014						
Village of Roxana	MW-27	MW-27-101614 (40-42)	40 - 42 ft	10/16/2014						
Village of Roxana	MW-27	MW-27-101614 (48-50)	48 - 50 ft	10/16/2014						
Village of Roxana	MW-28	MW28-090214 (32-34')	32 - 34 ft	9/2/2014						
Village of Roxana	MW-28	MW28-090214 (36-40')	36 - 40 ft	9/2/2014						
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 11.5-12.5	11.5 - 12.5 ft	4/5/2011						
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 27-28	27 - 28 ft	4/5/2011						
Village of Roxana	ROST-4-PZ(A)	ROST-4-PZ(A) 36-37	36 - 37 ft	4/5/2011						
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 10-11	10 - 11 ft	4/6/2011						
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 28-29	28 - 29 ft	4/6/2011						
Village of Roxana	ROST-4-PZ(B)	ROST-4-PZ(B) 36-37	36 - 37 ft	4/6/2011						
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 11-12	11 - 12 ft	4/8/2011						
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 25-26	25 - 26 ft	4/8/2011						
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37	36 - 37 ft	4/8/2011						
Village of Roxana	ROST-4-PZ(C)	ROST-4-PZ(C) 36-37-DUP	36 - 37 ft	4/8/2011						
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 10-11	10 - 11 ft	4/7/2011						
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 28-29	28 - 29 ft	4/7/2011						
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37	36 - 37 ft	4/7/2011						
Village of Roxana	ROST-4-PZ(D)	ROST-4-PZ(D) 36-37-DUP	36 - 37 ft	4/7/2011						
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)10.5-11.5	10.5 - 11.5 ft	4/1/2011						
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)17-18	17 - 18 ft	4/1/2011						
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)27-28	27 - 28 ft	4/1/2011						
Village of Roxana	ROST-4-PZ(E)	ROST-4-PZ(E)36-37	36 - 37 ft	4/1/2011						
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 11-12	11 - 12 ft	4/4/2011						
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 21-22	21 - 22 ft	4/4/2011						
Village of Roxana	ROST-4-PZ(F)	ROST-4-PZ(F) 36.5-37.5	36.5 - 37.5 ft	4/4/2011						
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)12-14	12 - 14 ft	4/22/2011						
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)26-28	26 - 28 ft	4/22/2011						
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36	34 - 36 ft	4/22/2011						
Village of Roxana	ROST-4-PZ(G)	ROST-4-PZ(G)34-36-DUP	34 - 36 ft	4/22/2011						
Village of Roxana	SVE-25(S)	SVE-25(S) 12-14	12 -14 ft	5/3/2011						
Village of Roxana	SVE-25(S)	SVE-25(S) 19-21	19 - 21 ft	5/3/2011						
Village of Roxana	SVE-3	SVE-3 (38-40) 092311	38 - 40 ft	9/23/2011						
Village of Roxana	SVE-4	SVE-4-10-12'	10 - 12 ft	5/12/2011						
Village of Roxana	SVE-42	SVE42-080514(32-34')	32 - 34 ft	8/5/2014						
Village of Roxana	SVE-43	SVE43-080814 (30-32')	30 - 32 ft	8/8/2014						
Village of Roxana	SVE-44	SVE44-082014(30-36')	30 - 36 ft	8/20/2014						
Village of Roxana	SVE-45	SVE45-080614 (40-42')	40 - 42 ft	8/6/2014						
Village of Roxana	SVE-46	SVE46-080414(18-22')	18 - 22 ft	8/4/2014						
Village of Roxana	SVE-46	SVE46-080414(18-22')-DUP	18 - 22 ft	8/4/2014						
Village of Roxana	SVE-47	SVE47-080114 (22-24')	22 - 24 ft	8/1/2014						
Village of Roxana	VMP-2	VMP-2-101615 (5')	5 ft	10/16/2015						
Village of Roxana	VMP-2	VMP-2-101615 (8.5')	8.5 ft	10/16/2015						
Village of Roxana	VMP-3	VMP-3-101215(10')	10 ft	10/12/2015						
Village of Roxana	VMP-3	VMP-3-101215(10')-DUP	10 ft	10/12/2015						
Village of Roxana	VMP-3	VMP-3-101215(5')	5 ft	10/12/2015						
Village of Roxana	VMP-3	VMP-3-101315 (22')	22 ft	10/13/2015						
Village of Roxana	VMP-3	VMP-3-101315 (39')	39 ft	10/13/2015						
Village of Roxana	VMP-3	VMP-3-101415 (32')	32 ft	10/14/2015						
Village of Roxana	VMP-31	VMP-31-10-11	10 - 11 ft	5/10/2011						
Village of Roxana	VMP-31	VMP-31-17-18.5	17 - 18.5 ft	5/10/2011						
Village of Roxana	VMP-31	VMP-31-17-18.5-D	17 - 18.5 ft	5/10/2011						
Village of Roxana	VMP-31	VMP-31-30-31	30 - 31 ft	5/10/2011						
Village of Roxana	VMP-32	VMP-32-10-12	10 - 12 ft	5/10/2011						
Village of Roxana	VMP-32	VMP-32-101515 (10')	10 ft	10/15/2015						

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	PCBs/Pesticides					
					PCB-1254 (Arochlor 1254) (mg/kg)			PCB-1260 (Arochlor 1260) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Village of Roxana	VMP-32	VMP-32-101515 (5')	5 ft	10/15/2015						
Village of Roxana	VMP-32	VMP-32-21.5-22	21.5 - 22 ft	5/10/2011						
Village of Roxana	VMP-32	VMP-32-30-31	30 - 31 ft	5/10/2011						
Village of Roxana	VMP-4	VMP-4-101615 (12')	12 ft	10/16/2015						
Village of Roxana	VMP-4	VMP-4-101615 (12')-DUP	12 ft	10/16/2015						
Village of Roxana	VMP-4	VMP-4-101615 (5')	5 ft	10/16/2015						
Village of Roxana	VMP-42	VMP42 (10-12.5)91211	10 - 12.5 ft	9/12/2011						
Village of Roxana	VMP-42	VMP42 (20-22.5)91211	20 - 22.5 ft	9/12/2011						
Village of Roxana	VMP-42	VMP42 (20-22.5)91211-Dup	20 - 22.5 ft	9/12/2011						
Village of Roxana	VMP-42	VMP42 (30-31.5)91211	30 - 31.5 ft	9/12/2011						
Village of Roxana	VMP-42	VMP-42(9-10)-090811	9 - 10 ft	9/8/2011						
Village of Roxana	VMP-43	VMP-43 (10-12.5)090911	10 - 12.5 ft	9/9/2011						
Village of Roxana	VMP-43	VMP-43 (20-22.5)090911	20 - 22.5 ft	9/9/2011						
Village of Roxana	VMP-43	VMP-43 (30-31.5)090911	30 - 31.5 ft	9/9/2011						
Village of Roxana	VMP-43	VMP-43(9-10)-090811	9 - 10 ft	9/8/2011						
Village of Roxana	VMP-43	VMP-43-042015(10-11)	10 - 11 ft	4/20/2015						
Village of Roxana	VMP-43	VMP-43-042015(20-21)	20 - 21 ft	4/20/2015						
Village of Roxana	VMP-43	VMP-43-042015(30-31)	30 - 31 ft	4/20/2015						
Village of Roxana	VMP-44	VMP-44 (20-21)110111	20 - 21 ft	11/1/2011						
Village of Roxana	VMP-44	VMP-44 (30-31)110111	30 - 31 ft	11/1/2011						
Village of Roxana	VMP-44	VMP-44 (9-10)102111	9 - 10 ft	10/21/2011						
Village of Roxana	VMP-45	VMP-45 (10-11)110111	10 - 11 ft	11/1/2011						
Village of Roxana	VMP-45	VMP-45 (20-21)110111	20 - 21 ft	11/1/2011						
Village of Roxana	VMP-45	VMP-45 (30-31)110111	30 - 31 ft	11/1/2011						
Village of Roxana	VMP-45	VMP-45 (30-31)110111-DUP	30 - 31 ft	11/1/2011						
Village of Roxana	VMP-47	VMP-47-30R(20-22.5')	20 - 22.5 ft	7/23/2013						
Village of Roxana	VMP-47	VMP-47-30R(30-31')	30 - 31 ft	7/23/2013						
Village of Roxana	VMP-47	VMP-47-30R(8-9')	8 - 9 ft	7/23/2013						
Village of Roxana	VMP-56	VMP56-082813(24-25')	24 - 25 ft	8/28/2013						
Village of Roxana	VMP-56	VMP56-082813(38-38.5')	38 - 38.5 ft	8/28/2013						
Village of Roxana	VMP-56	VMP56-082813(9-11')	9 - 11 ft	8/28/2013						
Village of Roxana	VMP-56	VMP56-082813-D(38-38.5')	38 - 38.5 ft	8/28/2013						
Village of Roxana	VMP-56	VMP-56-101515 (10')	10 ft	10/15/2015						
Village of Roxana	VMP-62	VMP62-121713(10-12')	10 - 12 ft	12/17/2013						
Village of Roxana	VMP-62	VMP62-121713(36-38')	36 - 38 ft	12/17/2013						
Village of Roxana	VMP-62	VMP62-121713(46-48')	46 - 48 ft	12/17/2013						
Village of Roxana	VMP-63	VMP63-120413(22-24')	22 - 24 ft	12/3/2013						
Village of Roxana	VMP-63	VMP63-120413(36-38')	36 - 38 ft	12/3/2013						
Village of Roxana	VMP-63	VMP63-120413(6-8')	6 - 8 ft	12/3/2013						
Village of Roxana	VMP-64	VMP64-121113(10-14')	10 - 14 ft	12/11/2013						
Village of Roxana	VMP-64	VMP64-121113(10-14')DUP	10 - 14 ft	12/11/2013						
Village of Roxana	VMP-64	VMP64-121113(28-30')	28 - 30 ft	12/11/2013						
Village of Roxana	VMP-64	VMP64-121113(44-46')	44 - 46 ft	12/11/2013						
Public Works Yard	GP-1	GP-1-22.5	22.5 ft	9/2/2009						
Public Works Yard	GP-1	GP-1-31	31 ft	9/2/2009						
Public Works Yard	GP-1	GP-1-31D	31 ft	9/2/2009						
Public Works Yard	GP-12(II)	GP-12(II)-04	4 ft	5/15/2008						
Public Works Yard	GP-12(II)	GP-12(II)-17	17 ft	5/22/2008						
Public Works Yard	GP-12(II)	GP-12(II)-17-Dup	17 ft	5/22/2008						
Public Works Yard	GP-14A	GP-14-12-13	12 - 13 ft	3/14/2011						
Public Works Yard	GP-14A	GP-14-30.5-31.5	30.5 - 31.5 ft	3/14/2011						
Public Works Yard	GP-14A	GP-14-39-40	39 - 40 ft	3/14/2011						
Public Works Yard	GP-15A	GP-15-11-12	11 - 12 ft	3/14/2011						
Public Works Yard	GP-15A	GP-15-19-20	19 - 20 ft	3/14/2011						
Public Works Yard	GP-15A	GP-15-27-28	27 - 28 ft	3/14/2011						
Public Works Yard	GP-15A	GP-15-27-28-DUP	27 - 28 ft	3/14/2011						
Public Works Yard	GP-15A	GP-15-37-38	37 - 38 ft	3/14/2011						
Public Works Yard	GP-15A	GP-15-37-38-DUP	37 - 38 ft	3/14/2011						
Public Works Yard	GP-16A	GP-16-11-12	11 - 12 ft	3/17/2011						
Public Works Yard	GP-16A	GP-16-27-28	27 - 28 ft	3/16/2011						
Public Works Yard	GP-16A	GP-16-34-35	34 - 35 ft	3/16/2011						
Public Works Yard	GP-16A	GP-16-39-40	39 - 40 ft	3/16/2011						

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	PCBs/Pesticides					
					PCB-1254 (Arochlor 1254) (mg/kg)			PCB-1260 (Arochlor 1260) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
Public Works Yard	GP-17A	GP-17-12-13	12 - 13 ft	3/15/2011						
Public Works Yard	GP-17A	GP-17-23-24	23 - 24 ft	3/15/2011						
Public Works Yard	GP-17A	GP-17-39-40	39 - 40 ft	3/15/2011						
Public Works Yard	GP-18A	GP-18-12-13	12 - 13 ft	3/16/2011						
Public Works Yard	GP-18A	GP-18-29.5-30.5	29.5 - 30.5 ft	3/16/2011						
Public Works Yard	GP-18A	GP-18-39-40	39 - 40 ft	3/16/2011						
Public Works Yard	GP-2	GP-2-17	17 ft	8/31/2009						
Public Works Yard	GP-2	GP-2-23.5	23.5 ft	8/31/2009						
Public Works Yard	GP-2	GP-2-23.5D	23.5 ft	8/31/2009						
Public Works Yard	GP-3	GP-3-17	17 ft	6/9/2010						
Public Works Yard	GP-3	GP-3-24	24 ft	6/9/2010						
Public Works Yard	GP-4	GP-4-11	11 ft	8/31/2009						
Public Works Yard	GP-4	GP-4-22.5	22.5 ft	8/31/2009						
Public Works Yard	GP-4	GP-4-33	33 ft	8/31/2009						
Public Works Yard	GP-5	GP-5-10	10 ft	6/9/2010						
Public Works Yard	GP-5	GP-5-19	19 ft	6/9/2010						
Public Works Yard	GP-5	GP-5-27	27 ft	6/9/2010						
Public Works Yard	GP-5	GP-5-27D	27 ft	6/9/2010						
Public Works Yard	GP-7(II)	GP-7(II)-03	3 ft	5/15/2008						
Public Works Yard	GP-7(II)	GP-7(II)-19	19 ft	5/19/2008						
Public Works Yard	GP-7(II)	GP-7(II)-19-Dup	19 ft	5/19/2008						
Public Works Yard	SVE-2	SVE-2-11-12	11 - 12 ft	3/2/2011						
Public Works Yard	SVE-2	SVE-2-33-34	33 - 34 ft	3/2/2011						
Public Works Yard	SVE-2	SVE-2-43-44	43 - 44 ft	3/2/2011						
Public Works Yard	SVE-21	SVE-21(30-32)-090811	30 - 32 ft	9/8/2011						
Public Works Yard	SVE-22	SVE-22(30-32)-090811	30 - 32 ft	9/8/2011						
Public Works Yard	SVE-23	SVE-23(24-26)-090811	24 - 26 ft	9/8/2011						
Public Works Yard	SVE-24	SVE-24(30-34)-090711	30 - 34 ft	9/7/2011						
Public Works Yard	SVE-26	SVE-26(30-32)-090711	30 - 32 ft	9/7/2011						
Public Works Yard	SVE-27	SVE-27(30-32)-090711	30 - 32 ft	9/7/2011						
Public Works Yard	VMP-15	VMP15-25.5-073114(24-28')	24 - 28 ft	7/31/2014						
Public Works Yard	VMP-15	VMP15-29-073014(28-30')	28 - 30 ft	7/30/2014						
Public Works Yard	VMP-15	VMP15-29-073014(28-30')DUP	28 - 30 ft	7/30/2014						
Public Works Yard	VMP-41	VMP-41 (25-27)090911	25 - 27 ft	9/9/2011						
Public Works Yard	VMP-41	VMP-41(10-12.5)-090811	10 - 12.5 ft	9/8/2011						
Public Works Yard	VMP-41	VMP-41(20-22.5)-090811	20 - 22.5 ft	9/8/2011						
WRR	GP-19A	GP-19-12-13	12 - 13 ft	3/17/2011						
WRR	GP-19A	GP-19-27-28	27 - 28 ft	3/17/2011						
WRR	GP-19A	GP-19-39-40	39 - 40 ft	3/17/2011						
WRR	GP-7	GP-7-25	3 ft	8/26/2009						
WRR	GP-7	GP-7-37	3 ft	8/26/2009						
WRR	GP-7	GP-7-37D	3 ft	8/26/2009						
WRR	GP-7	GP-7-41	3 ft	8/26/2009						
WRR	GP-8	GP-8-13	13 ft	8/26/2009						
WRR	GP-8	GP-8-35	35 ft	8/26/2009						
WRR	GP-8	GP-8-47	47 ft	8/26/2009						
WRR	GP-8	GP-8-47D	47 ft	8/26/2009						
WRR	GP-9	GP-9-18	18 ft	8/25/2009						
WRR	GP-9	GP-9-37	37 ft	8/25/2009						
WRR	GWP-29	GWP-29-11	11 ft	3/12/2013						
WRR	GWP-29	GWP-29-39	39 ft	3/12/2013						
WRR	GWP-29	GWP-29-39-DUP	39 ft	3/12/2013						
WRR	GWP-30	GWP-30-19	19 ft	3/11/2013						
WRR	GWP-30	GWP-30-33	33 ft	3/11/2013						
WRR	GWP-31	GWP-31-21	21 ft	3/11/2013						
WRR	GWP-31	GWP-31-31	31 ft	3/11/2013						
WRR	GWP-32	GWP-32-17	17 ft	3/12/2013						
WRR	GWP-32	GWP-32-36	36 ft	3/12/2013						
WRR	MW-06	B-6-04	4 ft	5/15/2008						
WRR	MW-06	B-6-23	23 ft	5/19/2008						
WRR	MW-14	P-130(40-42) 102411	40 - 42 ft	10/24/2011						
WRR	SVE-1	SVE-1-11-12	11 - 12 ft	3/4/2011						

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	PCBs/Pesticides					
					PCB-1254 (Arochlor 1254) (mg/kg)			PCB-1260 (Arochlor 1260) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	SVE-1	SVE-1-27-28	27 - 28 ft	3/4/2011						
WRR	SVE-1	SVE-1-53-54	53 - 54 ft	3/4/2011						
WRR	SVE-1	SVE-1-53-54-DUP	53 - 54 ft	3/4/2011						
WRR	SVE-10	SVE10 (17.5-20)092211	17.5 - 20 ft	9/22/2011						
WRR	SVE-10	SVE10 (17.5-20)092211-DUP	17.5 - 20 ft	9/22/2011						
WRR	SVE-11	SVE11 (12.5-15)092211	12.5 - 15 ft	9/22/2011						
WRR	SVE-11	SVE11 (9-10')91911	9 - 10 ft	9/19/2011						
WRR	SVE-12	SVE12 (15-17.5)092211	15 - 17.5 ft	9/22/2011						
WRR	SVE-13	SVE13 (17.5-20)092211	17.5 - 20 ft	9/22/2011						
WRR	SVE-14	SVE14 (12.5-15)91511	12.5 - 15 ft	9/15/2011						
WRR	SVE-15	SVE15 (17.5-20)091411	17.5 - 20 ft	9/14/2011						
WRR	SVE-16	SVE16 (15-17.5)091311	15 - 17.5 ft	9/13/2011						
WRR	SVE-17	SVE17 (17.5-20)91511	17.5 - 20 ft	9/15/2011						
WRR	SVE-18	SVE-18 (17.5-20)091511	17.5 - 20 ft	9/15/2011						
WRR	SVE-19	SVE-19 (15-17.5)091511	15 - 17.5 ft	9/15/2011						
WRR	SVE-20	SVE20 (25-27.5)092211	25 - 27.5 ft	9/22/2011						
WRR	SVE-28	SVE28 (10-12.5)092111	10 - 12.5 ft	9/21/2011						
WRR	SVE-28	SVE28 (32-34)92011	32 - 34 ft	9/20/2011						
WRR	SVE-29	SVE29 (1-2)91911	1 - 2 ft	9/19/2011						
WRR	SVE-29	SVE29 (25-27.5)092111	25 - 27.5	9/21/2011						
WRR	SVE-29	SVE29 (25-27.5)092111-DUP	25 - 27.5	9/21/2011						
WRR	SVE-30	SVE30 (25-27.5)092111	25 - 27.5 ft	9/21/2011						
WRR	SVE-30	SVE30 (3-4)092111	3 - 4 ft	9/21/2011						
WRR	SVE-31	SVE31 (20-22.5)092111	20 - 22.5 ft	9/21/2011						
WRR	SVE-32	SVE32 (25-27.5)092211	25 - 27.5 ft	9/22/2011						
WRR	SVE-33	SVE33 (27.5-30)092211	27.5 - 30 ft	9/22/2011						
WRR	SVE-34	SVE 34 (32-34) 092311	32 - 34 ft	9/23/2011						
WRR	SVE-35	SVE-35 (16-18) 092311	16 - 18 ft	9/23/2011						
WRR	SVE-36	SVE-36 (17.5-20)091511	17.5 - 20 ft	9/15/2011						
WRR	SVE-36	SVE-36-2 (10-12.5) 092311	10 - 12.5 ft	9/23/2011						
WRR	SVE-37	SVE37-091313 (33-35')	33 - 35 ft	9/13/2013						
WRR	SVE-38	SVE38-091613 (34-36')	34 - 36 ft	9/16/2013						
WRR	SVE-38	SVE38-091613 (34-36')DUP	34 - 36 ft	9/16/2013						
WRR	SVE-39	SVE39-091713(34-36')	34 - 36 ft	9/17/2013						
WRR	SVE-40	SVE-40-091813(30-32')	30 - 32 ft	9/18/2013						
WRR	SVE-5	SVE5 (15-17.5)92011	15 - 17.5 ft	9/20/2011						
WRR	SVE-6	SUZ-06 (16-18) 101311	16 - 18 ft	10/13/2011						
WRR	SVE-6	SUZ-06 (16-18) 101311-DUP	16 - 18 ft	10/13/2011						
WRR	SVE-7	SVE7 (12.5-15)092111	12.5 - 15 ft	9/21/2011						
WRR	SVE-7	SVE7 (12.5-15)092111-DUP	12.5 - 15 ft	9/21/2011						
WRR	SVE-8	SVE8 (15-17.5)092111	15 - 17.5 ft	9/21/2011						
WRR	SVE-8	SVE-8 (9-10)091611	9 - 10 ft	9/16/2011						
WRR	SVE-8	SVE-8 (9-10)091611-DUP	9 - 10 ft	9/16/2011						
WRR	SVE-9	SVE9 (12.5-15)092111	12.5 - 15 ft	9/21/2011						
WRR	VMP-26	VMP-26-11-12	11 - 12 ft	3/7/2011						
WRR	VMP-26	VMP-26-31-32	31 - 32 ft	3/7/2011						
WRR	VMP-33	VMP33 (10-12.5)92011	10 - 12.5 ft	9/20/2011						
WRR	VMP-33	VMP33 (20-22.5)92011	20 - 22.5 ft	9/20/2011						
WRR	VMP-33	VMP33 (30-31.5)92011	30 - 31.5 ft	9/20/2011						
WRR	VMP-34	VMP34 (10-12.5)092711	10 - 12.5 ft	9/27/2011						
WRR	VMP-34	VMP34 (20-22.5)092711	20 - 22.5 ft	9/27/2011						
WRR	VMP-34	VMP34 (30-31.5)092711	30 - 31.5 ft	9/27/2011						
WRR	VMP-34	VMP-34-042215 (20-22)	30 - 31.5 ft	4/22/2015						
WRR	VMP-34	VMP-34-042215 (20-22)-DUP	30 - 31.5 ft	4/22/2015						
WRR	VMP-34	VMP-34-042215 (30-32)	30 - 31.5 ft	4/22/2015						
WRR	VMP-35	VMP35 (10-12.5)092711	10 - 12.5 ft	9/27/2011						
WRR	VMP-35	VMP35 (20-22.5)092711	20 - 22.5 ft	9/27/2011						
WRR	VMP-35	VMP35 (30-31.5)092711	30 - 31.5 ft	9/27/2011						
WRR	VMP-35	VMP35 (8-9)91911	8 - 9 ft	9/19/2011						
WRR	VMP-36	VMP36 (10-11)092211	10 - 11 ft	9/22/2011						
WRR	VMP-36	VMP36 (10-12.5)092711	10 - 12.5 ft	9/27/2011						
WRR	VMP-36	VMP36 (10-12.5)092711-DUP	10 - 12.5 ft	9/27/2011						

APPENDIX 3-B
CUMULATIVE SUMMARY OF SOIL ANALYTICAL DATA

Area	Location	Sample ID	Depth	Sample Date	PCBs/Pesticides					
					PCB-1254 (Arochlor 1254) (mg/kg)			PCB-1260 (Arochlor 1260) (mg/kg)		
					Result	Lab Quals	AECOM Quals	Result	Lab Quals	AECOM Quals
WRR	VMP-36	VMP36 (20-22.5)092711	20 - 22.5 ft	9/27/2011						
WRR	VMP-36	VMP36 (30-31.5)092711	30 - 31.5 ft	9/27/2011						
WRR	VMP-37	VMP37 (10-12.5)092611	10 - 12.5 ft	9/26/2011						
WRR	VMP-37	VMP37 (20-22.5)092611	20 - 22.5 ft	9/26/2011						
WRR	VMP-37	VMP37 (30-31.5)092611	30 - 31.5 ft	9/26/2011						
WRR	VMP-37	VMP37 (6-7)092111	6 - 7 ft	9/21/2011						
WRR	VMP-38	VMP38 (10-12.5)091311	10 - 12.5 ft	9/13/2011						
WRR	VMP-38	VMP38 (20-22.5)091311	20 - 22.5 ft	9/13/2011						
WRR	VMP-38	VMP38 (27-28)091311	27 - 28 ft	9/13/2011						
WRR	VMP-38	VMP38 (9-10)091211	9 - 10 ft	9/12/2011						
WRR	VMP-39	VMP39 (10-12.5)91511	10 - 12.5 ft	9/15/2011						
WRR	VMP-39	VMP39 (20-22.5)91511	20 - 22.5 ft	9/15/2011						
WRR	VMP-39	VMP39 (20-22.5)91511-DUP	20 - 22.5 ft	9/15/2011						
WRR	VMP-39	VMP39 (30-31)91511	30 - 31 ft	9/15/2011						
WRR	VMP-39	VMP39 (9-10)091211	9 - 10 ft	9/12/2011						
WRR	VMP-40	VMP40 (10-12.5)092611	10 - 12.5 ft	9/26/2011						
WRR	VMP-40	VMP40 (10-12.5)092611-DUP	10 - 12.5 ft	9/26/2011						
WRR	VMP-40	VMP40 (20-22.5)092611	20 - 22.5 ft	9/26/2011						
WRR	VMP-40	VMP40 (30-31.5)092611	30 - 31.5 ft	9/26/2011						
WRR	VMP-46	VMP 46 (10-11) 092311	10 - 11 ft	9/23/2011						
WRR	VMP-46	VMP-46 (10-11) 092311-Dup	10 - 11 ft	9/23/2011						
WRR	VMP-46	VMP46 (10-12.5)092611	10 - 12.5 ft	9/26/2011						
WRR	VMP-46	VMP46 (20-22.5)092611	20 - 22.5 ft	9/26/2011						
WRR	VMP-46	VMP46 (30-31.5)092611	30 - 31.5 ft	9/26/2011						
WRR	VMP-57	VMP57-082013(25.5-28)	25.5 - 28 ft	8/20/2013						
WRR	VMP-57	VMP57-082013(48-50.5)	48 - 50.5 ft	8/20/2013						
WRR	VMP-57	VMP57-082013(6-8)	6 - 8 ft	8/20/2013						
WRR	VMP-58	VMP58-082113(25.5-28)	25.5 - 28 ft	8/21/2013						
WRR	VMP-58	VMP58-082113(45.5-48)	45.5 - 48 ft	8/21/2013						
WRR	VMP-58	VMP58-082113(4-6)	4 - 6 ft	8/21/2013						
WRR	VMP-58	VMP58-082113-D(45.5-48)	45.5 - 48 ft	8/21/2013						
WRR	VMP-59	VMP59-082713(23-25.5)	5 ft	8/27/2013						
WRR	VMP-59	VMP59-082713(2-4)	5 ft	8/27/2013						
WRR	VMP-59	VMP59-082713(45.5-48)	5 ft	8/27/2013						
WRR	VMP-60	VMP60-082213(10-13)	10 - 13 ft	8/22/2013						
WRR	VMP-60	VMP60-082213(30.5-33)	30.5 - 33 ft	8/22/2013						
WRR	VMP-60	VMP60-082213(38-40.5)	38 - 40.5 ft	8/22/2013						
WRR	VMP-60	VMP60-082213-D(38-40.5)	38 - 40.5 ft	8/22/2013						
WRR	VMP-61	VMP61-082613(33-35.5)	5 ft	8/26/2013						
WRR	VMP-61	VMP61-082613(43-45.5)	5 ft	8/26/2013						
WRR	VMP-61	VMP61-082613(4-6)	5 ft	8/26/2013						

Note
Blank result cells indicate no data available.

Lab Qualifiers
J = Estimated value; results between the MDL and RL
U = Compound analyzed for but not detected above the RL
AECOM Qualifiers
J = Estimated detection
UJ = Estimated non-detect
U = Non-detect due to blank contamination
ND, UJ = Non-detected compound associated with low bias in the continuing calibration verification

Appendix 3-C. Cumulative Summary of Tedlar® Sampling Data

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-1	5	4/12/11	62.0	0 0	N/A	74.5	2.5	0.0	1.0	0 0	0	1.9	18.1
		8/1/11	53.9	0 0	N/A	59.5	0.0	132	8.8	0.1	0	8.9	12 0
		11/3/11	50.3	0 0	N/A	52.7	0.0	27400	217	43.1	OVR	11.6	0.4
		1/30/12	53.5	0 0	N/A	70.1	0.0	16460	168	37.3	OVR	11.8	0.8
		4/13/12	59.9	0 0	N/A	74.1	0.2	0.0	1.0	0 0	0	2.4	18 9
		7/16/12	51.7	0 0	N/A	53.4	2.4	9.7	1.2	0 0	0	2.2	20.1
		10/11/12	57.4	0 0	0.0	55.9	0.0	1.9	1.0	0 0	0	0.4	19.7
		1/21/13	50.0	0 0	N/A	54.0	0.5	93.7	4.8	0 0	0	0.3	20 6
		5/8/13	51.0	0 0	N/A	53.4	0.1	1.1	0.7	0 0	0	0.7	18.4
		7/29/13	60.3	0 0	N/A	40.0	0.3	10.7	0.7	0 0	0	3.4	17.4
		11/4/13	66.0	0 0	N/A	54.1	0.1	1.1	0.5	0 0	0	1.3	19 9
		2/7/14	51.6	0 0	N/A	52.2	0.0	6.9	0.4	0 0	0	0.1	20 5
		4/30/14	60.8	0 0	N/A	51.1	0.1	0.7	0.7	0 0	0	0.1	20 8
		8/7/14	66.0	0 0	N/A	60.2	0.0	1.1	1.6	0 0	0	1.1	19 6
		10/31/14	53.8	0 0	N/A	52.0	0.4	0.2	0.8	0 0	0	0.8	20.4
		2/9/15	54.7	0 0	N/A	50.1	0.0	1.2	0.7	0 0	0	0.3	20 8
		5/5/15	59.6	0 0	N/A	50.1	0.0	3.5	2.3	0 0	0	0.1	20 0
		7/30/15	64.5	0 0	N/A	60.3	0.0	0 0	0.4	0 0	0	0.7	18.7
		11/3/15	62.3	0 0	N/A	54.1	0.0	0 0	0.4	0 0	0	0.4	20 5
		2/3/16	54.9	0 0	N/A	52.1	0.1	0 0	0.3	0 0	0	0.1	20.7
		5/3/16	53.6	0 0	N/A	50.3	0.2	0 0	0.3	0 0	0	0.2	19 6
		7/25/16	50.1	0 0	N/A	58.5	0.0	0 0	0.2	0 0	0	1.0	19 3
		10/28/16	67.0	0 0	N/A	51.4	0.0	0 0	0.3	0 0	0	0.7	20.4
	8.5	4/12/11	56.0	0 0	N/A	87.0	0.0	0 0	1.6	0 0	0	1.9	18.1
		8/1/11	53.2	0 0	N/A	59.8	0.0	51600	115	29.7	OVR	13.1	0.4
		11/3/11	52.9	0 0	N/A	53.5	0.0	42200	207	OVR	OVR	12.1	0.4
		1/30/12	69.2	0 0	42 0	52.5	0.0	17840	196	43.7	OVR	11.9	0 6
		4/16/12	62.1	0 0	N/A	52.6	0.2	0 0	0.5	0 0	0	4.2	17.1
		7/16/12	53.0	0 0	N/A	55.0	0.1	3.7	1.4	0 3	0	3.8	16.7
		10/11/12	55.2	0 0	0.0	46.3	0.0	2 0	0.8	0 0	0	1.7	18 2
		1/21/13	62.0	0 3	9.2	51.0	0.2	26600	105	31.9	OVR	0.9	18 9
		5/8/13	52.1	0 0	N/A	53.1	0.2	0 8	0.7	0 0	0	1.4	18 9
		7/29/13	70.4	0 0	N/A	51.0	0.7	1 3	0.9	0 0	0	3.6	15.7
		11/4/13	60.5	0 0	N/A	51.3	0.1	1.1	0.6	0 0	0	1.1	20 5
		2/7/14	53.9	0 0	N/A	62.2	0.6	1 8	0.3	0 0	0	0.2	20 5
		4/30/14	57.9	0 0	N/A	54.6	0.0	0 2	1.8	0 0	0	0.3	20 6
		8/7/14	63.8	0 0	N/A	52.6	0.0	0 6	1.0	0 0	0	0.8	20 2
		10/31/14	53.9	0 0	N/A	52.1	0.3	0 5	0.7	0 0	0	0.6	20 6
		2/9/15	58.6	0 0	N/A	51.6	0.0	0 5	1.1	0 0	0	0.2	20.7
		5/5/15	53.5	0 0	N/A	50.3	0.0	1 9	1.7	0 0	0	0.1	20.7
		7/30/15	52.6	0 0	N/A	60.6	0.0	0 0	0.4	0 0	0	0.5	20 5
		11/3/15	55.2	0 0	N/A	62.6	0.0	0 0	0.7	0 0	0	0.2	20.7
		2/3/16	56.2	0 0	N/A	51.1	0.2	0 0	0.3	0 0	0	0.1	20.7
		5/3/16	55.5	0 0	N/A	50.2	0.3	0 0	0.3	0 0	0	0.2	19 8
		7/25/16	52.3	0 0	N/A	51.0	0.0	0 0	0.2	0 0	0	0.6	20 0
		10/28/16	56.1	0 0	N/A	55.4	0.1	0 0	0.4	0 0	0	0.5	20 8

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-1	23.5	4/12/11	52.0	0 0	N/A	62.0	0.0	42500	78.3	22.1	OVR	10.0	1.0
		8/1/11	54.7	2.4	OVR	59.5	2.7	442000	197	OVR	OVR	8.7	0.3
		11/3/11	62.6	1 3	OVR	50.1	1.5	NM	144	OVR	OVR	10.6	0.3
		1/31/12	56.8	1.4	OVR	60.2	1.4	100000	107	OVR	OVR	11.4	0.3
		4/16/12	57.2	0 0	N/A	76.2	0.0	2340	79.4	2.1	43	10.8	2.5
		7/16/12	53.2	1 3	OVR	55.6	1.4	95000	49.0	OVR	OVR	8.2	4.1
		10/24/12[7]	50.0	1 8	0.0	49.3	2.9	187000	36.7	OVR	OVR	4.0	12.7
		1/21/13	52.0	2.1	0.5	48.8	2.8	965	9.5	0.1	2	5.1	12 2
		5/8/13	61.0	0 0	N/A	68.4	0.2	524	22.2	0.1	3	4.3	12 6
		7/29/13	62.5	0 0	N/A	40.0	0.1	17 2	1.5	0 0	0	5.1	13.1
		11/4/13	67.9	0 0	N/A	59.6	0.7	0.8	0.6	0 0	0	1.9	19 6
		2/7/14	55.9	0 0	N/A	50.0	0.0	1.6	0.4	0 0	0	0.3	20 5
		4/30/14	69.9	0 0	N/A	54.9	0.0	0.2	2.0	0 0	0	0.3	20 5
		8/7/14	74.8	0 0	N/A	57.8	0.0	0.9	0.7	0 0	0	0.7	20 3
		10/31/14	55.5	0 0	N/A	52.9	0.1	0.4	0.9	0 0	0	0.6	20 5
		2/9/15	53.6	0 0	N/A	51.3	0.2	0.8	1.2	0 0	0	0.3	20.4
		5/5/15	62.9	0 0	N/A	51.1	0.0	1.5	1.5	0 0	0	0.2	20.7
		7/30/15	60.9	0 0	N/A	51.7	0.0	0.0	0.4	0 0	0	0.5	20 6
		11/3/15	69.2	0 0	N/A	53.6	0.0	0.0	0.7	0 0	0	0.2	20 8
		2/3/16	54.4	0 0	N/A	50.6	0.0	0.0	0.4	0 0	0	0.1	20 8
		5/3/16	56.6	0 0	N/A	60.3	0.4	0 0	0.3	0 0	0	0.2	19.4
		7/25/16	57.5	0 0	N/A	50.0	0.0	0 0	0.3	0 0	0	0.9	19.7
		10/28/16	53.5	0 0	N/A	53.5	0.1	0 8	0.5	0 0	0	0.0	20 8
	38.5	8/1/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/27/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/16/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/31/12	63.1	0 0	N/A	54.7	0.4	3 5	1.3	0 0	0	1.8	14 0
		10/26/12	54.2	1 0	49 8	46.1	2.5	24700	100 0	40.4	OVR	0.9	19 5
		1/21/13	52.0	2 9	0.0	57.8	2.9	32 9	3.1	0 0	0	0.1	20 0
		5/9/13	57.5	11.7	OVR	59.5	19.9	1000000	44.3	OVR	OVR	0.8	15 3
		7/29/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/4/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/7/14	53.9	0 0	N/A	50.8	0.0	288	28.4	0.1	2	8.9	3 2
		4/30/14	60.1	0 0	N/A	60.0	0.0	169	15.7	0.1	2	8.6	4 0
		8/7/14	56.2	0 0	N/A	51.6	0.0	2920	73.1	1 8	35	7.9	5 2
		10/31/14	57.1	0 0	N/A	52.9	0.2	10.7	12.1	0 0	0	7.8	10 3
		2/9/15	58.2	0 0	N/A	51.2	0.0	502	115	0.4	8	8.9	11 6
		5/5/15	56.4	0 0	N/A	51.2	0.0	966	40.6	0 5	10	7.4	10 5
		6/15/15[12]	63.7	0 0	N/A	55.3	0.0	67 6	7.8	0 0	0	6.9	11 0
		7/30/15	58.6	0 0	N/A	61.4	0.0	0 0	0.6	0 0	0	4.4	14 6
		11/3/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/25/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-2	5	4/13/11	52.3	0 0	N/A	54.0	0.1	353	0.4	0 0	0	4.0	16 3
		8/2/11	51.0	0 0	N/A	62.4	0.0	70700	397	99.9	OVR	11.7	0.4
		11/4/11	58.5	0 0	N/A	51.6	0.0	NM	0.0	0 0	0	6.4	9.6
		1/25/12	65.2	0 0	N/A	62.9	0.0	2720	84.3	0 0	0	12.7	2.0
		4/25/12[7]	67.6	0 0	N/A	58.5	0.1	0.0	4.6	0 0	0	6.7	11.7
		7/16/12	53.1	0 0	N/A	66.7	0.2	5.8	1.2	0.1	0	1.3	20.1
		10/24/12[7]	52.5	0 0	0.0	50.6	0.5	1.8	1.0	0 0	0	0.3	20 2
		1/31/13	51.6	0 0	N/A	37.0	1.2	1.8	0.3	0 0	0	0.3	20 5
		5/6/13	53.3	0 0	N/A	52.3	3.1	0.4	0.3	0 0	0	0.2	20.1
		8/12/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/12/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/26/14	66.2	0 0	0.0	53.5	0.1	0.7	0.4	0 0	0	0.1	20 9
		5/1/14	60.4	0 0	N/A	58.0	0.0	0 9	0.7	0 0	0	0.2	20 8
		8/15/14[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/10/14	69.3	1 2	N/A	55.8	0.7	1 0	0.9	0 0	0	0.1	20 9
		2/10/15	52.1	0 0	N/A	55.5	0.0	6 3	2.8	0 0	0	0.2	20.4
		5/6/15	51.6	0 0	N/A	53.5	0.1	2 6	1.9	0 0	0	0.1	20.7
		7/30/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/4/15	61.5	0 0	N/A	72.1	0.1	0 0	0.2	0 0	0	0.5	20 5
		2/1/16	64.6	0 0	N/A	62.9	0.0	0 0	0.0	0 0	0	0.1	20.7
		4/27/16	57.6	0 0	N/A	57.6	0.0	0 0	0.5	0 0	0	0.6	19 8
		7/26/16	52.8	0 0	N/A	56.7	0.0	0 0	0.6	0 0	0	6.3	12 6
		10/26/16	55.1	0 0	N/A	51.2	0.0	0 0	0.5	0 0	0	4.2	17 3
	8.5	4/13/11	53.2	0 0	N/A	61.0	0.0	42750	74.1	0 2	4	11.6	1 8
		8/2/11	53.1	1 0	OVR	53.8	0.8	148000	280	OVR	OVR	10.5	1 3
		11/4/11	54.1	0 0	N/A	52.4	0.0	NM	23.9	0 0	0	11.0	3.1
		1/26/12	63.0	0 0	N/A	63.5	0.0	17000	137	0 0	0	12.6	0 9
		4/16/12	55.0	0 0	N/A	54.6	0.6	0 0	0.5	0 0	0	2.1	18.1
		7/16/12	50.5	0 0	N/A	63.2	0.1	4.7	1.5	0 0	0	5.9	16 0
		10/23/12	64.6	0 0	N/A	54.5	0.1	0 8	0.4	0 0	0	0.9	19 9
		2/5/13[7]	52.3	0 0	N/A	53.2	0.0	1 2	0.3	0 0	0	0.8	19 3
		5/6/13	65.5	0 0	N/A	55.8	0.2	0 2	0.2	0 0	0	0.9	19 0
		8/12/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/12/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/26/14	63.1	0.1	0.0	50.0	0.3	0.7	0.4	0 0	0	0.2	20 9
		5/1/14	58.5	0 0	N/A	75.0	0.0	2.1	0.8	0 0	0	0.3	20.7
		8/15/14[7]	55.1	0 0	N/A	58.2	4.3	3 2	0.5	0 0	0	0.2	19 9
		11/10/14	68.2	1.1	N/A	50.0	1.0	1 2	1.1	0 0	0	0.1	20 9
		2/10/15	55.8	0 0	N/A	61.6	0.0	1 0	0.7	0 0	0	0.4	20.7
		5/6/15	52.7	0.1	N/A	50.9	0.5	2 6	2.3	0 0	0	0.1	20.4
		7/30/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/4/15	61.2	0 0	N/A	62.8	0.0	0 0	0.3	0 0	0	0.7	20.7
		2/1/16	64.3	0 0	N/A	50.3	0.2	0 0	0.1	0 0	0	0.2	20.7
		2/16/16	65.2	0 0	N/A	68.5	0.0	0 0	0.3	0 0	0	0.0	20.7
		4/27/16	52.8	0 0	N/A	51.9	0.1	0.7	0.6	0 0	0	0.0	20.4
		7/26/16	52.0	0 0	N/A	51.7	0.0	0 0	0.5	0 0	0	2.1	16 9
		10/26/16	53.9	0 0	N/A	51.0	0.0	0 0	0.7	0 0	0	3.7	17 2

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-2	22	4/13/11	52.0	0 0	N/A	70.0	0.5	57210	94.0	18.9	OVR	10.8	0.3
		8/2/11	55.6	1 0	OVR	51.8	1.4	216000	211	OVR	OVR	9.9	0.7
		11/4/11	53.4	0 0	N/A	53.8	0.0	NM	137	23.8	OVR	11.9	0.3
		1/25/12	54.2	0 0	N/A	76.2	0.0	38800	119	14.1	OVR	12.1	0.5
		4/27/12	52.4	0 0	N/A	63.1	0.0	1.4	0.8	0 0	0	6.5	15.1
		7/16/12	51.0	0 0	N/A	62.1	0.1	8.3	1.6	1 0	0	5.7	14.7
		10/23/12	61.5	0 0	N/A	59.8	0.1	0.9	0.5	0 0	0	3.9	17 6
		1/31/13	57.2	0 0	N/A	50.7	0.0	1.1	0.2	0 0	0	2.4	18 8
		5/6/13	65.1	0 0	N/A	49.4	0.1	0.9	0.6	0 0	0	1.5	19 2
		8/12/13	77.6	0 0	N/A	63.8	0.2	4.1	2.0	0 0	0	1.6	18.4
		11/15/13[7]	69.3	0 9	N/A	52.4	4.2	2.2	1.6	0 0	0	0.9	19.7
		2/26/14	57.5	0 0	0.0	50.0	0.0	0.4	0.4	0 0	0	0.5	20.7
		5/1/14	50.5	0 0	N/A	59.2	0.2	0.9	1.0	0 0	0	0.5	20 3
		8/14/14	51.4	0 9	N/A	51.6	0.5	5.9	1.7	0 0	0	1.1	19 3
		11/10/14	69.4	0 0	N/A	52.6	0.0	0.8	1.0	0 0	0	1.0	20.4
		2/10/15	52.7	0 0	N/A	62.5	0.0	1.4	0.7	0 0	0	0.3	20.7
		5/6/15	54.5	0 0	N/A	52.2	0.0	3 6	2.8	0 0	0	0.0	20 2
		7/30/15	59.4	0.4	N/A	50.8	1.5	0 0	0.7	0 0	0	1.4	18 9
		11/4/15	56.7	0 0	N/A	57.7	4.0	0 0	0.3	0 0	0	0.6	20.1
		2/1/16	56.4	0 0	N/A	50.1	0.4	0 0	0.1	0 0	0	0.3	20 5
		4/27/16	52.4	0.1	N/A	51.0	0.1	0 0	0.8	0 0	0	0.3	20 0
		7/26/16	52.3	0 0	N/A	51.1	0.7	0 0	0.5	0 0	0	2.0	17 2
		10/26/16	56.3	0 0	N/A	51.2	0.0	0 0	0.6	0 0	0	3.2	17 5
	42	11/4/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/11/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/24/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/31/13	56.2	5 0	OVR	46.1	5.2	400000	58.8	OVR	OVR	5.9	6.4
		5/6/13	53.3	3 5	OVR	72.2	4.7	645000	47.6	OVR	OVR	5.4	1 2
		11/12/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/26/14	67.5	7 0	OVR	57.5	3.0	325000	48.5	OVR	OVR	6.7	6 9
		5/1/14	53.3	5 3	OVR	69.2	3.4	1000000	57.7	OVR	OVR	5.5	10 9
		8/14/14	52.4	4 6	OVR	53.8	3.4	368000	70.9	OVR	OVR	7.2	4 3
		11/10/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/10/15	57.5	8 8	OVR	51.3	5.0	670000	50.6	OVR	OVR	7.2	5 6
		5/6/15	50.6	11.5	N/A	51.5	6.5	1000000	46.8	OVR	OVR	8.1	2 0
		6/15/15	51.8	18.0	OVR	53.1	11.3	1000000	39.2	OVR	OVR	6.3	2 6
		7/30/15	55.1	9 8	OVR	57.2	7.5	1000000	26.2	OVR	OVR	6.1	5.1
		11/4/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/1/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/26/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-3	5	4/14/11	57.8	3 8	OVR	56.1	5.1	2850000	180	OVR	OVR	9.4	1.5
		8/2/11	55.0	0 0	N/A	52.6	0.0	36 5	8.9	0.1	0	0.3	22.1
		11/4/11	55.2	0 0	N/A	54.9	0.3	0.0	0.6	0 0	0	3.3	16.4
		1/27/12	52.5	0 0	N/A	72.5	0.0	2350	38.6	3 5	70	2.2	13 6
		4/19/12	68.4	0 0	N/A	58.0	0.0	0.0	0.5	0 0	0	1.0	18 9
		7/27/12[7]	54.3	0 0	N/A	64.6	4.6	8.3	0.5	0 0	0	0.5	18 2
		10/24/12[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/7/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		6/4/13	53.1	0 0	N/A	42.0	0.0	2.2	1.3	0 0	0	0.6	17.4
		7/29/13	56.5	0 0	N/A	70.3	0.3	4.8	1.2	0 0	0	1.1	15 5
		11/6/13	58.5	0 0	N/A	51.6	0.4	2 9	0.5	0 0	0	0.7	19 8
		2/13/14	57.3	0 0	N/A	52.1	0.0	1 0	0.6	0 0	0	0.3	20 8
		5/2/14	55.0	0 0	N/A	56.6	0.3	22.1	7.8	0 0	0	0.4	20 0
		8/12/14	54.4	0 0	N/A	52.8	0.0	3 3	1.4	0 0	0	1.1	19 6
		10/31/14	53.8	0.1	N/A	51.7	0.1	1 6	0.6	0 0	0	0.5	20 3
		2/9/15	56.7	0 0	N/A	51.5	0.0	0.4	1.4	0 0	0	0.3	20.7
		5/4/15	63.4	0 0	N/A	52.9	0.0	1.7	6.2	0 0	0	0.3	20 5
		7/29/15	53.3	0 0	N/A	57.2	0.0	0 0	0.3	0 0	0	1.0	19.7
		11/5/15[7]	53.4	0 0	N/A	50.2	0.5	0 8	0.9	0 0	0	0.0	20.7
		2/16/16	59.3	0 0	N/A	59.1	4.7	0 0	0.2	0 0	0	0.0	18 5
		4/27/16	53.8	0 0	N/A	60.1	0.0	1 9	0.7	0 0	0	0.2	20 5
		8/1/16	52.4	0 0	N/A	50.5	6.2	0 0	0.4	0 0	0	0.0	19 3
		10/26/16	52.5	0 0	N/A	54.5	0.0	0 6	0.5	0 0	0	0.0	20.4
	10	4/13/11	52.0	4.7	OVR	73.0	6.0	5130000	119	OVR	OVR	7.3	0.7
		8/2/11	62.4	0 0	N/A	42.6	0.0	16900	164	3 5	73	15.8	0 8
		11/4/11	52.6	0 0	N/A	52.9	0.0	67 9	5.8	0 0	0	5.8	5 5
		1/27/12	55.4	0 0	N/A	65.2	0.0	385	17.4	0 2	4	3.6	10.7
		4/19/12	60.5	0 0	N/A	66.0	0.0	0 0	0.6	0 0	0	1.9	18.1
		7/23/12	53.7	0 0	N/A	41.2	0.0	10 9	1.7	0 0	0	1.9	19 0
		10/18/12	47.5	0 0	N/A	36.7	0.0	7 3	1.0	0 0	0	0.7	20.1
		2/6/13	68.4	0 0	N/A	59.1	0.3	1 3	0.2	0 0	0	0.5	20 8
		6/4/13	51.6	0 0	N/A	50.1	0.1	2 8	1.7	0 0	0	1.7	18.4
		7/29/13	68.0	0 0	N/A	55.7	0.2	2 0	0.9	0 0	0	2.1	17.1
		11/6/13	61.9	0.1	N/A	56.5	0.3	4 8	1.3	0 0	0	0.6	20.1
		2/28/14	77.5	0 0	N/A	65.4	0.0	1.7	0.6	0 0	0	0.2	20 9
		5/2/14	59.0	0 0	N/A	54.9	0.0	1.7	1.2	0 0	0	0.3	20 0
		8/12/14	50.1	0 0	N/A	51.5	0.0	3 2	1.2	0 0	0	0.5	19 9
		10/31/14	54.8	0 0	N/A	51.9	0.2	0 9	2.2	0 0	0	0.4	20.4
		2/9/15	53.8	0 0	N/A	53.7	0.0	1 6	1.5	0 0	0	0.3	20.7
		5/4/15	52.7	0 0	N/A	54.4	0.0	2.1	6.8	0 0	0	0.3	20 3
		7/29/15	56.3	0 0	N/A	57.6	0.1	1 3	0.3	0 0	0	0.9	20.1
		11/3/15	52.5	0 0	N/A	54.8	0.8	0 0	0.4	0 0	0	0.1	20 6
		2/16/16	56.7	0 0	N/A	57.8	0.1	0 0	0.4	0 0	0	0.0	20.7
		4/27/16	56.7	0 0	N/A	61.5	0.0	2 2	0.9	0 0	0	0.3	20.7
		8/2/16	52.4	0 0	N/A	51.3	0.2	0 2	0.2	0 0	0	0.2	20 6
		10/26/16	61.9	0 0	N/A	54.4	0.0	0.4	0.6	0 0	0	0.1	20 8

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-3	22	4/15/11	71.2	7 0	OVR	55.0	8.1	OVR	153	OVR	OVR	8.2	2.7
		8/6/11	72.2	0 0	N/A	59.9	0.4	10400	39.7	2 2	42	2.6	13 0
		11/4/11	53.2	0 0	N/A	53.8	0.0	75 9	3.7	0 0	0	1.8	18 2
		1/30/12	51.3	0 0	N/A	71.8	0.0	66 2	5.1	0 0	0	7.5	10.1
		4/19/12	64.2	0 0	N/A	61.0	0.0	20.1	0.6	0 0	0	1.3	20.7
		7/23/12	53.7	0 0	N/A	44.8	0.0	7.9	1.3	0 0	0	0.9	19.7
		10/18/12	49.9	0 0	N/A	35.0	0.0	1.6	0.4	0 0	0	3.2	18 0
		2/6/13	51.4	0 0	N/A	54.4	0.0	2.6	0.3	0 2	3	2.9	18 6
		6/4/13	52.2	0 0	N/A	59.2	0.4	0.4	0.7	0 0	0	2.0	19 0
		7/29/13	51.5	0 0	N/A	56.7	0.4	1.7	1.0	0 0	0	2.4	17 5
		11/6/13	59.7	0 0	N/A	55.9	0.3	0.7	0.7	0 0	0	1.6	20 3
		2/13/14	53.1	0 0	N/A	51.8	0.0	1.3	0.7	0 0	0	1.0	20 0
		5/2/14	54.8	0 0	N/A	50.1	0.1	1.2	1.3	0 0	0	1.0	19 9
		8/12/14	52.8	0 0	N/A	50.5	0.0	2.2	1.3	0 0	0	2.1	19 0
		10/31/14	55.3	0 0	N/A	54.3	0.5	1.4	2.2	0 0	0	2.0	19 5
		2/9/15	53.8	0 0	N/A	63.4	0.0	0.8	1.9	0 0	0	0.7	20 3
		5/8/15	75.1	0 0	N/A	53.0	0.1	1.6	2.6	0 0	0	0.1	20 8
		7/29/15	53.5	0 0	N/A	50.9	0.3	0.0	0.3	0 0	0	0.9	20.1
		11/3/15	52.8	0 0	N/A	56.2	0.0	0 0	0.4	0 0	0	0.7	20 6
		2/16/16	64.4	0 0	N/A	61.2	0.0	0 0	0.3	0 0	0	0.2	20.4
		4/27/16	53.4	0 0	N/A	51.5	0.0	0 0	0.7	0 0	0	0.4	20 5
		8/1/16	51.1	0 0	N/A	51.6	0.7	0 0	0.0	0 0	0	0.9	19 9
		10/26/16	63.6	0 0	N/A	54.1	0.0	0 0	0.8	0 0	0	1.0	20 2
	31.5	4/14/11	57.0	6.1	OVR	89.0	12.1	OVR	199	OVR	OVR	5.3	1 3
		8/2/11	70.5	14.0	OVR	26.7	15.9	OVR	239	OVR	OVR	4.3	0.7
		11/4/11	50.3	7 5	OVR	60.5	6.9	OVR	231	OVR	OVR	5.4	2 5
		1/27/12	53.5	2 0	OVR	87.2	4.0	815000	129	OVR	OVR	6.6	3 6
		4/19/12	69.1	6.7	OVR	63.0	6.9	OVR	106	OVR	OVR	6.7	0 3
		7/23/12	50.1	0 0	N/A	45.2	0.0	171000	75.9	OVR	OVR	8.0	2 8
		10/19/12	63.2	0 0	N/A	56.4	0.2	2400	51.0	0 6	12	2.9	17.4
		2/7/13	41.2	0 0	OVR	53.5	0.3	29200	180	93.4	OVR	10.4	3.4
		6/4/13	51.4	0 0	N/A	48.7	0.1	27700	150	56.9	OVR	9.4	0 5
		7/29/13	56.6	0 0	N/A	62.4	0.1	18100	201	27.0	OVR	8.4	1 9
		11/6/13	55.3	0 0	N/A	54.3	0.3	1400	50.5	0.4	8	11.0	2.7
		2/21/14	72.0	0 0	N/A	51.8	0.1	29 3	2.6	0 0	0	7.0	11 9
		5/2/14	57.2	0 0	N/A	53.2	0.0	120	28.7	0 0	0	12.0	4 8
		8/12/14	53.2	0 0	N/A	51.5	0.0	32 6	3.4	0 0	0	8.4	8 2
		10/31/14	56.2	0 0	N/A	53.2	0.2	11 2	3.2	0 0	0	11.6	8 0
		2/9/15	52.2	0 0	N/A	50.1	0.0	1.4	1.4	0 0	0	2.8	19 3
		5/12/15[8]	NS	NS	NS	NS	NS	N/A	N/A	NS	NS	NS	NS
		7/29/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/15	51.1	0 0	N/A	51.2	0.0	2.4	0.7	0 0	0	4.3	17 5
		2/1/16	66.7	0 0	N/A	51.2	0.4	0 6	0.4	0 0	0	4.7	17 9
		4/27/16	52.4	0 0	N/A	53.4	0.0	4.4	0.8	0 0	0	3.7	18 5
		8/1/16	53.8	0 0	N/A	50.3	0.0	10.1	0.8	0 0	0	3.0	17 5
		10/26/16	59.4	0 0	N/A	51.3	0.0	5 5	0.8	0 0	0	3.9	16.4

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-3	39	4/14/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/2/11	97.3	86.2	2.4	92.1	55.2	0.0	2.2	0.7	25	0.0	1.8
		11/4/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/19/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/19/12	52.6	0 0	N/A	52.8	2.3	684000	144	OVR	OVR	8.3	2.7
		2/12/13	57.2	2 0	N/A	55.2	1.9	185000	149	OVR	OVR	9.0	0 9
		6/4/13	51.7	0.1	N/A	45.2	0.6	30200	175	76.2	OVR	8.7	1 0
		7/29/13	63.9	0 0	N/A	67.2	0.0	16800	204	22.7	OVR	8.7	1 3
		11/6/13	59.1	3 6	OVR	61.1	6.0	580000	152	OVR	OVR	10.0	1 5
		2/21/14	60.2	1 3	N/A	50.9	1.2	318000	137	OVR	OVR	13.0	1 3
		5/2/14	56.3	0 0	N/A	53.4	0.0	6000	101	4.1	80	13.3	2.4
		8/12/14	50.8	0 0	N/A	53.8	0.0	12300	250	18.5	OVR	9.7	5 2
		10/31/14	57.7	0 0	N/A	52.6	0.0	1750	144	1.4	28	11.9	7 8
		2/9/15	50.1	0.1	OVR	50.0	0.1	15400	102	10.7	OVR	6.0	16 2
		5/12/15[8]	NS	NS	NS	NS	NS	N/A	N/A	NS	NS	NS	NS
		7/29/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/15	52.1	0 0	N/A	53.8	0.0	8 3	0.8	0 0	0	5.5	16 2
		2/1/16	50.5	0 0	N/A	50.4	0.1	0.1	0.3	0 0	0	5.6	17.4
		4/27/16	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/1/16	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-4	5	4/19/11	76.8	0 0	N/A	54.0	0.0	26 0	304	OVR	OVR	11.3	3 3
		8/3/11	52.3	0 0	N/A	52.3	0.0	98 5	39.5	0 0	0	11.0	8.1
		11/9/11	71.0	0 0	N/A	55.6	0.2	NM	0.3	0 0	0	0.1	21 5
		1/30/12	54.2	0 0	N/A	64.5	0.1	1200	255	1 3	26	10.1	0.4
		4/25/12[7]	61.2	0 3	N/A	58.9	0.6	0 0	2.2	0 0	0	0.5	20.4
		7/25/12[7]	57.0	0 0	N/A	53.2	0.5	3 0	1.1	0 0	0	2.1	18 0
		10/18/12	61.4	0 0	N/A	41.3	0.0	0.7	0.5	0 0	0	0.9	20.1
		2/7/13	64.4	0 0	N/A	52.1	0.2	0 8	0.1	0 0	0	0.2	20.7
		5/9/13	58.5	0 0	N/A	62.1	0.5	0 9	0.3	0 0	0	0.2	20.4
		8/1/13	69.2	0 0	N/A	65.1	0.6	0 6	0.6	0 0	0	1.0	19 3
		12/3/13	55.8	0 0	N/A	54.3	1.3	1.7	0.7	0 0	0	0.5	20 2
		2/27/14	65.2	0 0	N/A	50.5	0.0	0 9	0.4	0 0	0	0.2	20 9
		5/2/14	75.1	0 0	N/A	55.6	0.3	1.7	1.1	0 0	0	0.5	20 3
		8/15/14	53.8	0 0	N/A	51.6	4.2	3 6	1.0	0 0	0	0.7	19 3
		11/11/14[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/10/15	59.1	0 0	N/A	52.5	0.0	1 0	1.2	0 0	0	0.0	20 9
		5/12/15[7]	NS	NS	NS	NS	NS	N/A	N/A	NS	NS	NS	NS
		7/30/15[7]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/15	51.2	0 0	N/A	59.1	0.0	0 0	0.5	0 0	0	0.0	20 9
		2/3/16	54.3	0 0	N/A	52.6	0.0	0 0	0.3	0 0	0	0.0	20 9
		5/3/16	52.9	0 0	N/A	56.7	0.0	NS	NS	0 0	0	0.3	20 6
		8/2/16	53.0	0 0	N/A	55.5	0.0	0 0	0.3	0 0	0	0.6	20 0
		10/28/16	77.1	0 0	N/A	57.7	0.0	0 0	0.5	0 0	0	0.3	20 9

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-4	12	4/19/11	57.2	2 5	OVR	54.2	N/A	28.4	242	OVR	OVR	7.7	7.3
		8/3/11	71.2	4.1	OVR	48.9	2.2	113000	198	91.2	OVR	14.7	1.6
		11/9/11	63.5	8 0	2.2	57.8	3.0	NM	301	2 3	46	8.9	5.6
		1/30/12	56.0	0 0	N/A	67.7	0.2	8240	464	14.6	OVR	11.2	0.5
		4/13/12	56.4	0 0	N/A	60.3	0.2	3.8	0.8	0 0	0	2.6	17 5
		7/23/12	50.3	0 8	1.0	67.7	0.7	4.9	1.3	0 0	0	2.7	16 3
		10/18/12	53.0	0 0	N/A	45.0	0.5	1.1	0.8	0 0	0	1.3	19 6
		2/7/13	60.1	0 0	N/A	63.6	0.2	3.5	0.3	0.1	1	0.9	20 6
		5/9/13	52.3	0 0	N/A	56.6	0.2	2.9	0.5	0 0	0	0.1	20 8
		8/1/13	61.9	0.7	N/A	58.2	0.2	0.6	0.7	0 0	0	1.5	18 6
		12/3/13[9]	56.1	0 0	N/A	54.1	0.2	1.6	0.8	0 0	0	0.8	20 0
		2/27/14	59.2	0.1	N/A	52.0	0.4	0.5	0.1	0 0	0	0.2	20 9
		5/2/14	55.4	0 0	N/A	51.4	0.1	1.8	1.3	0 0	0	0.3	20 5
		8/14/14[7]	54.5	0 0	N/A	55.6	0.2	4.5	1.2	0 0	0	0.9	19 9
		11/11/14[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/10/15	52.5	0 0	N/A	57.4	0.2	1 3	1.2	0 0	0	0.0	20.7
		5/11/15	57.4	0 0	N/A	59.2	5.7	1 5	0.7	0 0	0	0.3	19.4
		8/3/15	60.3	0.1	N/A	48.1	0.6	3.1	0.3	0 0	0	0.5	18 9
		11/2/15	57.5	0 0	N/A	59.7	0.3	0 0	0.4	0 0	0	0.1	20 9
		2/3/16	66.5	0 0	N/A	51.6	0.2	0 0	0.3	0 0	0	0.1	20.7
		5/3/16	66.5	0 0	N/A	62.6	0.0	0 0	0.3	0 0	0	0.7	19 9
		8/2/16	64.5	0 0	N/A	64.0	0.3	0 0	0.2	0 0	0	2.2	18.4
		10/28/16	58.4	0 0	N/A	52.6	0.0	0.4	0.7	0 0	0	1.1	20 0
	23.5	8/6/11	56.0	16.0	OVR	61.6	16.2	OVR	238	OVR	OVR	5.1	0.4
		11/9/11	51.0	4 5	OVR	55.8	NM	OVR	309	OVR	OVR	6.7	1 6
		1/30/12	52.0	2 2	OVR	62.2	2.3	263000	202	OVR	OVR	7.9	0 8
		4/13/12	74.8	0 0	N/A	53.4	0.1	98300	560	OVR	OVR	10.8	0 8
		7/23/12	50.2	0 0	N/A	50.2	0.0	54500	305	OVR	OVR	11.8	0 2
		10/18/12	52.4	0 0	N/A	62.2	0.0	6890	618	20.6	OVR	8.9	12.7
		2/7/13	64.4	0 0	N/A	60.3	0.0	1750	145	2 5	51	6.7	15 6
		5/15/13	51.7	0 0	N/A	58.8	0.2	6000	760	0.7	16	1.0	20 0
		8/1/13	62.4	0 0	N/A	53.0	0.2	6360	411	8 5	OVR	4.0	15.4
		11/7/13	72.7	0 0	N/A	59.3	0.4	4890	367	5 3	OVR	3.9	17.7
		2/27/14	70.1	0 0	N/A	54.0	0.0	2130	276	1.7	34	3.1	18 9
		5/2/14	52.8	0 0	N/A	61.2	0.3	3200	315	3 5	70	2.4	18 2
		8/13/14	51.9	0 0	N/A	51.8	0.0	113	31.2	0 0	0	2.4	18 5
		11/7/14	61.6	0 0	N/A	52.1	0.7	1730	240	1 0	21	3.2	19.1
		2/10/15	50.6	0 0	N/A	52.2	0.0	1980	405	1 8	35	2.6	18.4
		5/8/15	59.9	0 0	N/A	60.1	0.0	1999	380	1 8	36	2.0	19.1
		6/15/15	52.7	0 0	N/A	50.1	0.0	2254	333	1 9	38	2.1	18 6
		7/30/15	54.1	0 0	N/A	55.8	0.0	1597	231	1 6	32	1.9	18.7
		11/2/15	51.7	0 0	N/A	53.9	0.0	1131	187	0 9	19	1.5	19 9
		2/3/16	88.5	0 0	N/A	52.4	0.0	1370	244	1 2	27	2.3	19.1
		5/3/16	54.5	0 0	N/A	73.8	0.0	1043	181	0 0	0	1.0	19 3
		8/2/16	57.8	0 0	N/A	62.8	0.0	744	75.2	0 5	11	1.8	17 5
		9/23/16	50.9	0 0	N/A	51.7	0.0	526	95.4	0.4	8	2.2	18.4
		10/28/16	55.4	0 0	N/A	52.8	0.0	434	92.7	0.4	8	1.8	19 2

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-4	39	8/6/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/13/12	56.6	0 0	N/A	50.5	0.1	195000	471	OVR	OVR	10.4	0.4
		7/23/12	62.7	0 0	N/A	59.8	0.0	74000	230	OVR	OVR	12.2	0.4
		10/18/12	51.5	0.4	OVR	52.5	0.0	82000	468	OVR	OVR	7.7	12 5
		2/7/13	51.4	0 0	N/A	63.9	0.1	61400	538	OVR	OVR	9.1	13 2
		5/15/13	51.5	0 0	N/A	61.9	0.7	20700	795	0 6	52	0.7	20 2
		8/1/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/7/13	64.9	0.4	N/A	51.7	0.4	24300	273	26.6	OVR	3.5	17 9
		2/27/14	62.9	0.1	N/A	53.2	0.1	12870	484	32.4	OVR	3.6	18 2
		5/2/14	53.2	0 2	N/A	63.8	0.2	26600	661	OVR	OVR	3.0	17 5
		8/13/14	51.3	0 0	N/A	50.1	0.1	3045	235	1.4	28	1.7	19 5
		11/7/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/10/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/8/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/2/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-5	5	8/5/11	51.1	0 0	N/A	50.0	0.0	2760	74.8	0 8	17	15.3	1 0
		11/11/11	52.4	0 0	N/A	58.4	0.0	0 0	3.9	0 0	0	14.2	4.4
		1/30/12	50.5	0 0	N/A	39.8	0.0	4 0	0.7	0 0	0	8.4	11.4
		4/11/12	59.4	0 0	0.0	60.2	5.1	1 2	1.3	0 0	0	0.4	19.7
		7/13/12	50.1	0 0	0.0	61.4	2.7	4 0	0.5	0 0	0	0.4	20.1
		10/12/12[7]	53.1	0 0	N/A	40.2	1.8	1 6	0.9	0 0	0	0.2	20.7
		1/25/13	61.2	0 0	N/A	41.9	0.5	0 6	0.4	0 0	0	0.1	20.1
		4/29/13	52.7	0 0	N/A	61.9	0.7	0.4	0.3	0 0	0	0.0	20 2
		8/23/13[9]	56.1	0 0	N/A	56.6	1.4	1 0	0.4	0 0	0	0.3	19 8
		11/5/13	69.4	0 0	N/A	59.9	0.6	1.1	0.5	0 0	0	0.2	20.7
		2/18/14	62.4	0 0	N/A	56.3	0.0	3 8	0.8	0 0	0	0.1	20 9
		4/28/14	60.4	0 0	N/A	55.5	0.1	0 6	0.6	0 0	0	0.3	20 5
		8/8/14	63.1	0 0	N/A	57.0	0.0	2 5	1.0	0 0	0	0.4	20 6
		11/5/14	67.2	0 0	N/A	50.0	0.0	1 5	1.4	0 0	0	0.2	20.7
		1/30/15	55.8	0 0	N/A	51.4	0.0	1.7	0.5	0 0	0	0.2	20.7
		4/29/15	60.1	0 0	N/A	53.8	0.1	2 2	2.3	0 0	0	0.1	20 8
		7/29/15	52.6	0 0	N/A	53.3	0.0	0 0	0.6	0 0	0	0.2	20.7
		10/29/15	67.7	0 0	N/A	57.4	2.1	0 0	0.1	0 0	0	0.2	20 8
		1/25/16	63.0	0 0	N/A	52.8	3.1	0 0	0.1	0 0	0	0.1	20.4
		4/28/16	54.2	0 0	N/A	52.3	0.2	0 0	0.4	0 0	0	0.0	20 8
		7/28/16	53.7	0 0	N/A	50.7	0.1	0 0	0.6	0 0	0	0.1	20 6
		10/25/16	62.4	0 0	N/A	52.7	0.0	0 0	0.6	0 0	0	0.0	20 9

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-5	12.5	8/5/11	51.5	0 0	N/A	64.5	1.6	315000	129	OVR	OVR	13.1	0.1
		11/11/11	53.0	0 0	N/A	56.5	0.0	0.0	1.0	0 0	0	14.7	3.8
		1/30/12	51.3	0 0	N/A	43.6	0.0	2.7	0.5	0 0	0	8.5	11 0
		4/11/12	53.7	0.1	0.0	55.5	0.3	0.7	0.9	0 0	0	0.7	20 9
		7/12/12	70.7	0 0	N/A	50.0	0.0	5.1	1.3	0 0	0	0.7	19.4
		10/11/12	61.5	0 8	N/A	36.1	1.2	1.5	0.7	0 0	0	0.2	20 2
		1/24/13	47.4	0 0	N/A	51.8	0.0	0.9	0.2	0 0	0	0.2	21.1
		4/29/13	67.7	0 2	N/A	51.2	0.4	0.6	0.3	0 0	0	0.0	20.4
		8/1/13	57.8	0.4	N/A	67.5	1.1	2.0	0.8	0 0	0	0.3	19 9
		11/5/13	63.1	0 3	N/A	57.9	0.3	1.5	0.7	0 0	0	0.2	20.7
		2/18/14	62.1	0 0	N/A	61.4	0.0	3.1	0.9	0 0	0	0.1	20 9
		4/28/14	71.6	0 0	N/A	53.7	0.2	0.5	0.9	0 0	0	0.3	20.4
		8/8/14	60.4	0 0	N/A	54.8	0.1	2.3	1.1	0 0	0	0.3	20 3
		11/5/14	57.7	0 0	N/A	51.4	0.3	2 0	1.6	0 0	0	0.2	20 6
		1/30/15	52.1	0 0	N/A	52.8	0.1	0 8	0.6	0 0	0	0.2	20 2
		4/29/15	54.7	0 2	N/A	52.4	0.3	2 0	2.2	0 0	0	0.1	20 9
		7/29/15	52.6	0 0	N/A	57.1	0.2	0 0	0.8	0 0	0	0.2	20 8
		10/29/15	67.4	0 5	N/A	56.8	0.3	0 0	0.2	0 0	0	0.2	20 9
		1/25/16	55.7	0 0	N/A	50.9	0.0	0 0	0.1	0 0	0	0.1	20 9
		4/28/16	54.9	0 0	N/A	58.9	0.0	0 0	0.3	0 0	0	0.1	20 5
		7/28/16	51.3	0 0	N/A	56.4	0.0	0 0	0.5	0 0	0	0.4	20 2
		10/25/16	54.1	0 0	N/A	55.4	0.0	0 0	0.6	0 0	0	0.3	20 9
	31	8/5/11	84.0	3 8	N/A	70.0	9.0	OVR	216	OVR	OVR	8.8	0 2
		11/11/11	52.0	0 0	N/A	58.8	0.0	350000	201	OVR	OVR	9.3	0 9
		1/30/12	52.7	1 5	N/A	43.1	1.2	129000	391	OVR	OVR	11.2	0 3
		4/11/12	60.8	0 0	0.0	77.6	0.0	261	28.0	0 0	1	12.6	0 0
		7/12/12	55.1	0 0	N/A	30.0	0.0	14 8	3.3	0 0	0	6.9	13 9
		10/11/12	87.6	0 0	N/A	48.9	0.2	4 5	1.5	0 0	0	4.1	17.4
		1/24/13	44.9	0 0	N/A	40.0	0.0	6 5	0.6	0 0	0	4.0	18 0
		4/29/13	63.5	0 8	N/A	50.9	0.7	3.7	0.5	0 0	0	4.6	18.4
		8/1/13	60.2	0 0	N/A	67.9	0.1	2 0	0.9	0 0	0	3.0	17 6
		11/5/13	55.0	0 0	N/A	60.6	0.6	1.1	0.8	0 0	0	2.0	19 3
		2/18/14	72.9	0 0	N/A	57.4	0.0	1 9	0.9	0 0	0	0.8	20 5
		4/28/14	80.1	0 0	N/A	70.4	0.1	1 2	1.5	0 0	0	0.7	20 0
		8/8/14	56.3	0 0	N/A	54.9	0.0	1 8	1.3	0 0	0	1.2	19.7
		11/5/14	54.2	0 0	N/A	52.0	0.6	1 2	1.2	0 0	0	0.8	20 0
		1/30/15	50.3	0 0	N/A	51.1	0.2	0.7	0.6	0 0	0	0.5	20 5
		4/29/15	59.1	0 8	N/A	56.3	0.6	2.4	2.1	0 0	0	0.4	20 6
		7/29/15	56.3	0 0	N/A	62.5	0.0	0 0	0.6	0 0	0	0.7	20.4
		10/29/15	56.1	0 0	N/A	51.5	0.1	0 0	0.2	0 0	0	0.6	20 6
		1/26/16	50.1	0 0	N/A	54.8	4.0	0 0	0.0	0 0	0	0.5	20 6
		3/9/16	54.5	0 0	N/A	55.2	0.1	0 0	0.3	0 0	0	0.3	20 6
		4/28/16	54.0	0 0	N/A	50.2	0.1	0 0	0.3	0 0	0	0.3	20 0
		7/28/16	56.5	0 0	N/A	52.4	0.3	0 0	0.5	0 0	0	0.6	19 6
		10/25/16	57.7	0 0	N/A	54.7	0.0	0 0	0.6	0 0	0	3.1	18 3

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-5	40	8/5/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/30/12	51.8	1 2	OVR	52.7	1.3	81220	314	OVR	OVR	11.4	0.2
		4/11/12	52.9	0 0	0.3	83.4	0.0	863	59.5	0 3	7	12.9	0.2
		7/12/12	51.6	0 0	N/A	47.2	0.0	137	7.0	0 0	1	6.7	14.4
		10/11/12	66.8	0 0	N/A	40.0	0.7	21 9	2.2	0 0	0	4.4	17 6
		1/25/13	48.0	0 0	N/A	42.8	0.0	16.7	0.9	0 0	0	4.0	18.1
		4/29/13	63.0	0 0	N/A	51.0	0.3	6.4	0.8	0 0	0	1.8	19 6
		8/1/13	63.3	0 0	N/A	71.0	0.3	5.8	1.6	0 0	0	2.9	17 2
		11/5/13	70.9	0 0	N/A	66.7	0.3	11.1	1.2	0 0	0	2.4	19 2
		2/18/14	61.6	0 0	N/A	58.0	0.0	3.1	1.6	0 0	0	1.7	19.7
		4/28/14	62.4	0 0	N/A	57.9	0.0	0.8	1.6	0 0	0	1.6	19 3
		8/8/14	64.8	0 0	N/A	86.6	0.1	1.5	1.2	0 0	0	2.1	19 0
		11/5/14	53.5	0 0	N/A	50.8	0.2	0.8	1.7	0 0	0	2.0	19 2
		1/30/15	52.7	0 0	N/A	50.1	0.1	0.7	0.8	0 0	0	1.5	20 2
		4/29/15	61.4	0 0	N/A	54.3	0.2	3.1	2.1	0 0	0	1.1	20 3
		7/29/15	56.8	0 0	N/A	54.8	0.0	0 0	0.7	0 0	0	1.4	19 6
		10/29/15	59.5	0.1	N/A	62.5	0.1	0 0	0.2	0 0	0	1.7	20.1
		1/25/16	56.5	0 0	N/A	55.7	0.1	0 0	0.2	0 0	0	1.2	19 9
		4/28/16	57.6	0 0	N/A	74.2	0.6	0 0	0.2	0 0	0	0.7	19 6
		7/28/16	50.4	0 0	N/A	52.9	0.0	0 3	0.4	0 0	0	1.0	18 6
		10/25/16	59.4	0 0	N/A	61.6	0.0	0 0	0.6	0 0	0	3.1	18 3
VMP-6	5	8/4/11	68.1	0 0	N/A	57.4	19.4	20 6	0.7	0 0	0	3.9	13 8
		11/9/11	51.8	0.1	0.0	59.5	2.7	0 0	0.0	0 0	0	3.6	16 9
		1/31/12	59.9	0 0	N/A	63.2	0.0	0 0	1.7	0 0	0	10.5	8 5
		4/12/12[7]	54.6	0 0	N/A	61.5	0.4	1 8	0.6	0 0	0	0.6	20.7
		7/16/12	50.4	0 0	N/A	45.6	0.4	5 9	1.6	0 0	0	0.5	20 2
		10/10/12	54.6	0 0	0.0	51.7	3.9	0 8	0.9	0 0	0	0.1	19.4
		2/12/13	55.2	0.1	N/A	47.5	0.5	4 9	0.6	0.1	0	0.1	21 0
		5/15/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/13/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/5/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/27/14	61.2	0.1	N/A	68.3	0.2	0 9	0.3	0 0	0	0.1	20.7
		4/29/14	57.0	0 0	N/A	54.5	0.1	1 8	1.6	0 0	0	0.9	19.7
		8/8/14	57.5	0 0	N/A	58.6	0.1	1.7	1.0	0 0	0	1.6	18 0
		11/5/14	55.3	0 0	N/A	51.5	0.0	0 6	0.9	0 0	0	1.0	19 8
		2/9/15	55.0	0 0	N/A	51.3	0.5	1 5	1.0	0 0	0	0.2	20 9
		4/29/15	61.7	0 0	N/A	63.6	0.1	2.1	0.9	0 0	0	0.1	20 8
		7/27/15	57.2	0 0	N/A	52.8	0.0	2 2	0.6	0 0	0	0.8	19 8
		10/29/15	50.8	0 0	N/A	50.2	0.3	0 0	0.1	0 0	0	0.1	20 9
		2/1/16	69.3	0 0	N/A	68.8	0.1	0 0	0.2	0 0	0	0.0	20 9
		4/25/16	58.1	0 0	N/A	62.0	0.0	0 0	0.4	0 0	0	0.1	20.1
		7/28/16	67.1	0 0	N/A	55.0	0.0	0 0	0.6	0 0	0	0.3	18.1
		10/28/16	56.9	0 0	N/A	48.5	0.0	0 0	0.7	0 0	0	1.5	19 5

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-6	10	8/4/11	50.1	0 0	N/A	53.8	0.3	34650	326	47.5	OVR	17.2	0.3
		11/9/11	54.8	0 0	N/A	52.6	0.0	0.4	0.3	0 0	0	10.1	7.9
		1/31/12	55.8	0 0	N/A	63.6	0.0	17100	305	9 3	OVR	14.8	0.6
		4/12/12	66.2	0 0	N/A	57.8	0.1	0.8	0.6	0 0	0	2.2	19 6
		7/16/12	61.8	0 0	N/A	45.7	0.2	4.6	1.5	0 0	0	1.9	19 3
		10/10/12	51.7	0 0	0.0	42.6	0.4	1.5	0.9	0 0	0	0.6	20 0
		2/5/13	51.7	0 9	N/A	50.5	2.0	2.2	0.2	0 0	0	0.4	20 5
		5/15/13[7]	53.0	0 0	N/A	51.0	0.7	0.8	0.5	0 0	0	0.0	20 6
		8/8/13	76.2	0 0	N/A	53.9	1.5	1.9	0.3	0 0	0	0.9	19 2
		11/5/13	66.2	0 0	N/A	60.3	0.3	0.6	0.5	0 0	0	0.4	20.4
		2/27/14	54.7	0 0	N/A	56.3	0.1	0.6	0.4	0 0	0	0.2	20.7
		4/29/14	52.4	0 0	N/A	56.3	0.2	0.6	1.4	0 0	0	0.6	19 6
		8/8/14	71.3	0 0	N/A	67.3	0.0	1 2	0.9	0 0	0	2.7	18.1
		11/5/14	55.5	0 0	N/A	52.4	0.5	0 8	1.0	0 0	0	1.4	19 6
		2/9/15	53.6	0 3	N/A	52.2	0.4	0.4	1.0	0 0	0	0.5	20 9
		4/29/15	52.8	0 0	N/A	61.0	0.1	1 0	1.1	0 0	0	0.7	20.1
		7/27/15	57.9	0 0	N/A	52.2	0.2	0 0	0.2	0 0	0	2.1	18 6
		10/29/15	52.2	0 0	N/A	50.9	0.4	0 0	0.2	0 0	0	1.2	20 2
		2/1/16	62.9	0 0	N/A	54.5	0.1	0 0	0.2	0 0	0	0.3	20 6
		4/25/16	54.3	0 0	N/A	56.0	0.0	0 0	0.2	0 0	0	0.4	20 0
		7/28/16	56.3	0 0	N/A	70.9	0.0	0 0	0.9	0 0	0	1.9	17 5
		10/28/16	55.6	0 0	N/A	50.1	0.0	0 0	0.9	0 0	0	1.8	19 2
	31.5	4/11/11	53.4	0 0	N/A	68.5	1.0	10000	416	OVR	OVR	13.2	0 6
		8/4/11	55.5	1 5	N/A	54.1	1.9	OVR	327	OVR	OVR	14.5	0 3
		11/9/11	55.1	0 0	N/A	54.1	0.0	88200	282	OVR	OVR	13.7	0.4
		1/31/12	56.1	0.1	OVR	68.1	0.2	127000	313	OVR	OVR	13.9	0.4
		4/12/12	51.6	0 0	N/A	51.5	0.0	2950	375	2 8	57	12.4	0 2
		7/16/12	50.3	0 0	N/A	40.0	0.0	90 3	5.8	0 0	0	8.6	7 9
		10/10/12	51.3	0 0	0.0	44.0	0.0	20 8	1.7	0 0	0	5.7	12 3
		2/5/13	53.1	0 0	N/A	48.6	0.0	40 0	0.3	0 0	0	8.9	10 3
		4/29/13	65.5	0 0	N/A	46.5	0.1	3 2	0.7	0 0	0	5.2	14.4
		8/8/13	58.7	0 0	N/A	52.4	0.1	2.7	0.3	0 0	0	3.1	17.1
		11/5/13	59.3	0 0	N/A	52.5	0.1	0 8	0.7	0 0	0	3.4	17 8
		2/27/14	56.8	0 0	N/A	58.7	0.0	1 3	0.7	0 0	0	4.0	16.4
		4/29/14	55.2	0 0	N/A	54.9	0.0	2 5	1.5	0 0	0	3.7	14 5
		8/8/14	62.1	0 0	N/A	59.8	0.0	1.4	1.2	0 0	0	4.7	14 8
		11/5/14	60.2	0 0	N/A	50.3	0.1	0 9	1.4	0 0	0	4.2	16.7
		2/9/15	53.2	0 0	N/A	51.3	0.0	3 5	1.5	0 0	0	3.9	17 3
		4/29/15	57.8	0 0	N/A	55.6	0.0	2 0	1.5	0 0	0	3.5	15 9
		7/27/15	59.1	0 0	N/A	50.0	0.0	1.1	0.7	0 0	0	3.4	16 8
		11/25/15[9]	55.2	0 0	N/A	60.2	0.4	0 0	0.6	0 0	0	2.6	18 6
		2/1/16	64.5	0 0	N/A	54.2	0.0	0 0	0.5	0 0	0	2.9	18.7
		4/25/16	52.6	0 0	N/A	59.3	0.0	0 0	0.3	0 0	0	2.4	18.7
		7/28/16	57.5	0 0	N/A	56.3	0.0	3.4	1.4	0 0	0	2.4	17 6
		10/28/16	55.5	0 0	N/A	54.8	0.0	0 0	0.5	0 0	0	3.0	18 0

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-6	39	4/11/11	53.0	0 0	OVR	91.8	0.2	11300	420	OVR	OVR	12.8	0.5
		8/4/11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/31/12	51.9	0.7	OVR	68.2	0.9	146000	351	OVR	OVR	13.9	0.5
		4/12/12	54.3	0 0	N/A	60.1	0.0	4070	447	5.1	OVR	12.5	0.3
		7/16/12	51.4	0 0	N/A	55.6	0.0	138	7.3	0 0	0	10.4	4.8
		10/10/12	50.6	0 0	0.0	44.6	0.0	76 9	7.8	0 0	0	9.7	6.1
		2/5/13	51.8	0 0	N/A	49.5	0.0	14.7	0.6	0 0	0	12.3	6.1
		4/29/13	53.2	0 0	N/A	52.3	0.0	1.7	0.3	0 0	0	7.7	12 0
		8/15/13[9]	54.4	0 0	N/A	49.6	0.2	2.2	0.5	0 0	0	4.1	16.1
		11/5/13	59.3	0 0	N/A	50.8	0.0	0.6	0.7	0 0	0	4.8	16.4
		2/27/14	62.8	0.1	N/A	54.8	0.0	0.2	0.8	0 0	0	6.3	13 5
		4/29/14	57.2	0 0	N/A	58.9	0.0	0.5	1.8	0 0	0	5.5	11 8
		8/8/14	54.8	0 0	N/A	51.2	0.0	0 9	1.2	0 0	0	6.2	12 6
		11/5/14	53.3	0 0	N/A	51.5	0.4	1.1	1.5	0 0	0	5.8	15.1
		2/9/15	52.2	0 0	N/A	51.1	0.0	0 2	1.2	0 0	0	5.8	15.4
		4/29/15	67.9	0 0	N/A	53.9	0.0	1.1	1.6	0 0	0	5.7	12 9
		7/27/15	62.9	0 0	N/A	48.7	0.0	0 0	0.5	0 0	0	5.0	14 8
		10/29/15	63.0	0 0	N/A	51.2	2.9	334	2.3	0 0	0	4.7	15.7
		2/1/16	57.9	0 0	N/A	61.1	0.0	0 0	0.5	0 0	0	4.5	16 8
		4/25/16	50.4	0 0	N/A	61.0	0.0	0 0	0.3	0 0	0	3.3	17.4
		7/28/16	63.9	0 0	N/A	52.1	0.0	0 0	0.8	0 0	0	2.9	17 6
		10/28/16	54.3	0 0	N/A	51.3	0.0	0 0	0.5	0 0	0	3.5	17.7
VMP-7	5	4/7/11	61.6	0 0	0.0	53.8	0.0	34 2	0.1	0 0	0	6.6	12 8
		8/2/11	59.8	0 2	N/A	58.3	0.5	34750	198	16.6	OVR	14.8	0.4
		11/10/11	52.1	0 0	N/A	50.3	0.0	0 0	0.4	0 0	0	13.3	5 5
		1/31/12	51.7	0 0	N/A	56.0	0.0	0 0	0.4	0 0	0	11.0	5.1
		4/12/12	52.4	0 0	0.0	86.9	0.3	1 0	0.1	0 0	0	0.4	20 9
		7/31/12[7]	53.8	0 0	N/A	49.8	2.7	3.4	0.8	0 0	0	0.5	19 5
		10/10/12	68.2	0 0	N/A	45.9	0.1	0 5	0.6	0 0	0	0.5	21.4
		2/13/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		6/6/13	59.6	0 0	N/A	62.5	0.2	1 5	0.5	0 0	0	0.2	20 5
		7/30/13	76.9	0 0	N/A	58.3	0.3	1 0	0.2	0 0	0	0.4	20.1
		10/22/13	55.0	0 0	N/A	70.9	0.2	0 9	0.6	0 0	0	0.4	20 5
		2/24/14	70.1	0 0	N/A	54.9	0.0	1.1	0.5	0 0	0	0.1	20 9
		4/30/14	51.8	0 0	N/A	60.6	0.1	0 6	0.6	0 0	0	0.6	20.4
		8/5/14	61.7	0 0	N/A	54.7	0.0	1 3	1.3	0 0	0	1.8	19.1
		10/27/14	73.1	0 0	N/A	51.2	0.1	1 2	2.1	0 0	0	0.5	20 2
		2/2/15	73.6	0 0	N/A	54.3	0.0	1 3	1.9	0 0	0	0.1	20 9
		4/30/15	54.2	0 0	N/A	55.5	0.0	1.4	0.9	0 0	0	0.3	20 3
		7/27/15	54.7	0 0	N/A	51.4	0.0	0 0	0.3	0 0	0	0.9	20 9
		10/28/15	57.0	0 0	N/A	54.9	0.0	0 0	0.4	0 0	0	0.6	20 8
		1/27/16	50.6	0 0	N/A	52.6	0.0	0 0	0.2	0 0	0	0.0	20 9
		4/29/16	53.1	0 0	N/A	57.4	0.0	0 0	0.4	0 0	0	0.5	20.7
		7/26/16	63.0	0 0	N/A	49.5	0.0	0 0	0.0	0 0	0	1.0	19 0
		10/25/16	71.6	0 0	N/A	54.3	0.1	0 0	0.2	0 0	0	1.1	19 6

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-7	13.5	4/7/11	57.5	0 0	0.0	62.8	0.0	45 0	0.3	0 0	0	10.2	8.3
		8/2/11	56.0	0 0	N/A	68.5	0.3	31200	234	10.8	OVR	16.7	0.1
		11/10/11	62.1	0 0	N/A	66.2	0.0	0.0	0.8	0 0	0	16.0	2.2
		1/31/12	52.5	0 0	N/A	61.4	0.0	235	15.4	0 0	0	14.0	0.7
		4/12/12	59.5	0.1	0.0	60.8	0.2	0.8	0.6	0 0	0	0.6	20.7
		7/20/12	51.0	0 0	N/A	54.0	0.0	5.1	2.0	0 0	0	1.6	19.4
		10/10/12	65.2	0 0	N/A	57.5	0.0	0.4	1.2	0 0	0	0.5	21.7
		2/13/13[7]	52.8	0.1	N/A	51.6	0.1	1.8	0.2	0 0	0	0.1	20 9
		6/5/13	51.8	0 0	N/A	59.2	0.5	3.4	0.6	0 0	0	0.5	20 2
		7/30/13	84.2	0 0	N/A	55.1	0.6	0.8	0.3	0 0	0	0.8	19.7
		11/1/13[7]	53.7	0.1	N/A	50.2	0.2	1.0	0.5	0 0	0	0.4	20 6
		2/24/14	69.8	0 0	N/A	54.2	0.2	1.1	0.5	0 0	0	0.2	20 8
		4/30/14	51.1	0 0	N/A	62.2	0.2	0.5	0.9	0 0	0	0.6	20.4
		8/5/14	58.0	0 0	N/A	51.9	0.1	1.6	1.2	0 0	0	1.7	18 5
		10/27/14	54.8	0.1	N/A	60.0	0.2	0 6	1.5	0 0	0	0.8	19 8
		2/2/15	62.5	0 0	N/A	50.9	0.0	1 6	2.6	0 0	0	0.2	20 9
		4/30/15	51.7	0 0	N/A	63.0	0.1	1 2	1.0	0 0	0	0.5	20 2
		7/27/15	55.6	0 0	N/A	50.5	0.1	0 0	0.4	0 0	0	1.3	19 5
		10/28/15	56.8	0 0	N/A	63.7	0.0	0 0	0.4	0 0	0	0.8	20.7
		1/27/16	57.6	0 0	N/A	53.6	0.0	0 0	0.2	0 0	0	0.1	20.7
		4/29/16	53.0	0 0	N/A	51.5	0.0	0 0	0.5	0 0	0	0.6	20 5
		7/26/16	52.6	0 0	N/A	50.8	0.0	0 0	0.0	0 0	0	1.2	18.7
		10/25/16	57.3	0 0	N/A	50.9	0.0	0 0	0.3	0 0	0	1.4	20 0
	29.5	4/7/11	59.2	0 0	19 8	57.6	0.0	28300	430	23.4	OVR	15.1	0 2
		8/2/11	50.0	0 5	N/A	54.0	0.6	79000	307	68.2	OVR	14.5	0 2
		11/11/11	52.0	0 0	N/A	70.1	0.0	23400	410	29.9	OVR	16.3	0 8
		1/31/12	52.0	0 0	N/A	61.5	0.0	17800	347	16.0	OVR	16.0	0 2
		4/12/12	53.6	0 0	0.0	56.2	0.0	25 2	5.3	0 0	0	9.2	11 3
		7/20/12	51.5	0 0	N/A	51.5	0.0	3.1	3.1	0 0	0	5.9	16 8
		10/10/12	63.0	0 0	N/A	40.1	0.0	2 0	1.0	0 0	0	4.8	17 8
		2/13/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		6/5/13	51.5	0 0	N/A	59.4	0.7	0 8	0.6	0 0	0	1.6	15 9
		7/30/13	85.7	0 0	N/A	58.8	0.5	0 3	0.3	0 0	0	2.5	18 0
		10/22/13	53.5	0 0	N/A	59.5	0.2	0 2	0.7	0 0	0	2.3	19.7
		2/24/14	62.2	0 0	N/A	51.2	0.0	1 6	0.7	0 0	0	1.7	19 5
		4/30/14	51.7	0 0	N/A	64.8	0.2	1 2	1.5	0 0	0	1.9	17.7
		8/5/14	59.8	0 0	N/A	51.1	0.1	2.4	1.4	0 0	0	2.4	17 6
		10/27/14	53.9	0 0	N/A	52.6	0.3	1 2	3.5	0 0	0	2.4	18 5
		2/2/15	60.2	0 0	N/A	53.2	0.0	1.7	3.6	0 0	0	1.5	20 6
		4/30/15	54.7	0 0	N/A	61.6	0.0	1 8	1.2	0 0	0	1.0	19 2
		7/27/15	57.1	0 0	N/A	49.8	0.1	0 0	0.4	0 0	0	1.6	18 8
		10/28/15	72.1	0 0	N/A	62.4	0.0	0 0	0.4	0 0	0	1.9	19.7
		1/27/16	55.4	0 0	N/A	54.7	0.0	0 0	0.3	0 0	0	1.4	20.1
		4/29/16	53.4	0 0	N/A	50.3	0.0	0 0	0.7	0 0	0	1.0	19 9
		7/26/16	52.5	0 0	N/A	50.5	0.0	0 0	0.0	0 0	0	1.6	18 3
		10/25/16	69.9	0 0	N/A	62.3	0.1	0 0	0.4	0 0	0	2.5	19 0

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-7	38	4/7/11	76.5	0 0	25.1	43.2	0.0	31250	448	29.5	OVR	14.9	0.4
		8/2/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/31/12	51.6	0 0	N/A	60.5	0.0	20700	401	21.9	OVR	16.3	0.5
		4/12/12[9]	54.7	0 3	0.0	80.8	0.4	90 0	24.8	0 0	0	10.7	9.4
		4/25/12	53.5	0 0	N/A	64.1	0.0	31.4	11.6	0 2	5	6.4	14.4
		7/31/12[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/11/12	66.3	0 0	N/A	42.0	0.2	1.5	0.8	0 0	0	1.5	20 5
		2/13/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		6/5/13	60.5	0 0	N/A	54.7	0.2	0.3	0.6	0 0	0	3.7	17 5
		7/30/13	82.3	0 0	N/A	50.2	0.3	0.3	0.4	0 0	0	3.3	17.4
		11/1/13[7]	54.2	0 0	N/A	51.1	0.1	1 2	0.8	0 0	0	2.9	18 8
		2/24/14	57.6	0 0	N/A	56.7	0.6	2 3	0.6	0 0	0	3.1	17 8
		4/30/14	81.4	0 0	N/A	58.6	0.1	0 8	1.6	0 0	0	3.3	15.4
		8/5/14	59.3	0 0	N/A	50.5	0.0	2.1	1.5	0 0	0	2.8	17.1
		10/27/14	54.3	0 0	N/A	51.5	0.4	1 0	4.4	0 0	0	3.0	17 9
		2/2/15	58.6	0 0	N/A	52.9	0.0	1 9	1.1	0 0	0	2.7	19.7
		4/30/15	58.6	0 0	N/A	63.8	0.0	2.7	1.3	0 0	0	2.2	17 9
		7/27/15	54.6	0 0	N/A	48.4	0.0	0 0	0.3	0 0	0	2.3	18 0
		10/28/15	51.8	0 0	N/A	62.2	0.0	0 0	0.4	0 0	0	2.4	19 5
		1/27/16	65.1	0 0	N/A	53.3	0.0	0 0	0.3	0 0	0	2.1	19 3
		4/29/16	55.3	0 0	N/A	52.7	0.0	0 0	0.6	0 0	0	1.4	19 6
		7/26/16	56.2	0 0	N/A	54.8	0.0	0 0	0.0	0 0	0	1.7	18.1
		10/25/16	54.3	0 0	N/A	50.3	0.0	0 0	0.2	0 0	0	2.8	18 3
VMP-8	5	7/27/11	61.7	0 0	N/A	50.8	0.0	0 0	5.1	0 0	0	8.9	12 9
		11/3/11	67.1	0 0	N/A	60.0	0.1	4.4	0.2	0 0	0	1.2	16.4
		1/23/12	55.4	0 0	N/A	52.3	2.4	0 6	0.1	0 0	0	1.4	20 0
		4/10/12	51.4	0 0	N/A	60.3	0.1	1.7	0.5	0 0	0	2.8	17 3
		7/13/12[9]	51.7	0 0	N/A	51.3	0.1	5.1	5.1	0 0	0	3.6	18.1
		7/31/12	58.2	0 0	N/A	50.7	0.1	2 9	0.6	0 0	0	3.4	18 2
		10/4/12	51.6	0 0	0.0	51.9	0.1	0 9	0.5	0 0	0	2.0	18.1
		1/24/13	59.9	0 0	N/A	53.3	0.0	2 5	0.2	0 0	0	0.7	19.7
		4/25/13	54.0	0 0	N/A	61.9	0.1	5 3	1.9	0 0	0	0.0	20 0
		7/30/13	67.2	0 0	N/A	59.4	0.1	0 8	0.5	0 0	0	0.3	19 8
		10/22/13	66.8	0 0	N/A	51.0	0.1	1 2	1.0	0 0	0	0.4	20.4
		2/10/14	60.9	0 0	N/A	59.0	0.0	1 3	0.7	0 0	0	0.2	20 8
		4/25/14	51.0	0 0	N/A	50.5	0.1	1 3	0.6	0 0	0	0.5	19 3
		7/30/14	51.4	0 0	N/A	54.3	0.1	1.7	1.0	0 0	0	1.9	19.4
		10/31/14	62.1	0 0	N/A	55.5	0.0	0 6	0.7	0 0	0	1.6	19 8
		2/9/15	59.9	0 0	N/A	51.4	0.0	1 0	0.9	0 0	0	0.5	20 9
		4/27/15	54.4	0 0	N/A	53.2	0.0	2 6	0.8	0 0	0	1.0	19 5
		7/28/15	52.5	0 0	N/A	52.1	0.0	0 0	0.3	0 0	0	2.7	18.4
		10/27/15	50.2	0 0	N/A	50.3	0.0	0 0	0.8	0 0	0	1.0	19 6
		1/27/16	65.2	0 0	N/A	60.1	0.0	0 0	0.2	0 0	0	0.3	20 2
		4/29/16	57.3	0 0	N/A	56.5	0.0	0 0	0.3	0 0	0	0.7	19 6
		7/29/16	53.1	0 0	N/A	65.5	0.0	0 0	0.0	0 0	0	1.9	18 6
		10/25/16	62.8	0 0	N/A	59.6	0.0	0 0	0.2	0 0	0	2.1	19 3

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-8	9.5	7/27/11	53.5	0 0	N/A	53.8	0.0	0.0	4.1	0 0	0	6.1	14.4
		11/3/11	51.8	0 0	N/A	55.2	0.0	3.9	0.3	0 0	0	7.2	13.7
		1/23/12	63.0	0 0	N/A	49.0	0.0	0.0	0.5	0 0	0	6.7	15 3
		4/10/12	64.7	0 0	N/A	57.3	0.0	1.3	0.6	0 0	0	5.7	15.4
		7/13/12	51.6	0 0	N/A	50.0	0.0	3.9	3.9	0 0	0	6.0	15 5
		10/4/12	59.6	0 0	0.0	40.0	0.0	1.3	0.8	0 0	0	4.6	16.4
		1/24/13	67.8	0 0	N/A	74.5	0.1	1.1	0.3	0 0	0	3.4	17 8
		4/25/13	56.2	0 0	N/A	58.9	0.2	2.5	1.6	0 0	0	2.0	18 2
		7/30/13	58.7	0 0	N/A	68.7	0.3	0.4	0.5	0 0	0	2.8	17 8
		10/22/13	50.7	0 0	N/A	54.6	0.0	0.6	0.9	0 0	0	2.0	19.1
		2/10/14	58.1	0 0	N/A	53.2	0.0	1.5	0.7	0 0	0	1.4	19.7
		4/25/14	55.1	0 0	N/A	50.9	0.1	1.1	0.9	0 0	0	0.9	19 6
		7/30/14	51.1	0 0	N/A	56.6	0.0	1.5	1.1	0 0	0	2.8	18 5
		10/31/14	65.5	0 0	N/A	66.9	0.0	0.3	0.8	0 0	0	2.9	19 9
		2/9/15	59.1	0 0	N/A	60.7	0.0	0.4	0.8	0 0	0	1.2	20.7
		4/27/15	63.8	0 0	N/A	51.5	0.0	2 9	1.5	0 0	0	0.2	19 8
		7/28/15	50.7	0 0	N/A	54.2	0.1	0 0	0.4	0 0	0	3.2	17.4
		10/27/15	50.5	0 0	N/A	56.9	0.0	0 0	1.0	0 0	0	2.2	19 2
		1/27/16	59.1	0 0	N/A	51.8	0.0	0 0	0.1	0 0	0	1.5	19 6
		4/29/16	58.3	0 0	N/A	53.2	0.0	0 0	0.4	0 0	0	1.3	19 0
		7/29/16	52.7	0 0	N/A	57.0	0.0	0 0	0.0	0 0	0	2.7	17 6
		10/25/16	56.4	0 0	N/A	51.9	0.0	0 0	0.3	0 0	0	3.8	17 5
	23.5	7/27/11	55.7	0 0	N/A	56.3	0.0	0 0	3.1	0.1	2	8.9	11 3
		11/6/11	74.5	0 0	N/A	70.2	0.0	NM	0.3	0 0	0	8.7	12 6
		1/23/12	54.0	0 0	N/A	91.5	0.0	1.4	0.5	0 0	0	8.1	14 0
		4/10/12	60.6	0 0	N/A	66.3	0.1	1 5	0.5	0 0	0	6.5	14 6
		7/13/12	57.2	0 0	N/A	40.0	0.0	4.7	4.7	0 0	0	6.3	14 6
		10/4/12	53.2	0 0	0.0	63.0	0.0	3 6	1.1	0 0	0	5.5	15 9
		1/24/13	56.6	0 0	N/A	51.0	0.0	1 0	0.3	0 0	0	4.7	16 5
		5/1/13[7]	53.5	0 0	N/A	51.1	0.2	0.4	0.3	0 0	0	3.4	16 8
		7/30/13	65.2	0 0	N/A	55.4	0.8	0 3	0.6	0 0	0	4.5	15 9
		10/22/13	56.6	0 0	N/A	50.3	0.1	0 5	0.8	0 0	0	4.0	17 6
		2/10/14	52.2	0 0	N/A	51.0	0.0	0 6	1.0	0 0	0	3.0	18 3
		4/25/14	53.6	0 0	N/A	51.1	0.1	1 5	1.1	0 0	0	2.3	17 8
		7/30/14	51.1	0 0	N/A	51.0	0.0	0 8	1.3	0 0	0	3.2	17 3
		10/31/14	61.8	0 0	N/A	56.4	0.0	0 3	0.9	0 0	0	4.3	18 2
		2/9/15	57.6	0 0	N/A	50.1	0.0	0 2	1.0	0 0	0	2.9	19 0
		5/5/15	57.6	0 0	N/A	52.1	0.0	1 0	1.6	0 0	0	1.5	19.4
		7/28/15	52.1	0 0	N/A	57.2	0.2	0 0	0.2	0 0	0	2.4	17 6
		10/27/15	53.0	0 0	N/A	53.2	0.0	0 0	0.9	0 0	0	3.2	18 0
		1/27/16	56.9	0 2	N/A	56.8	0.3	0 0	0.1	0 0	0	3.1	19 9
		4/29/16	50.3	0 0	N/A	53.8	0.0	0 0	0.5	0 0	0	2.2	18.4
		7/29/16	59.6	0 0	N/A	50.2	0.0	0 0	0.0	0 0	0	2.8	17 3
		10/25/16	57.7	0 0	N/A	57.7	0.0	0 0	0.5	0 0	0	1.5	19 2

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-8	35.5	7/27/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/6/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/23/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/10/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/13/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/4/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/24/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/10/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/14	53.2	0 0	N/A	52.9	0.1	3.4	1.0	0 0	0	0.0	20 6
		7/30/14	54.4	0 6	0.0	60.1	1.2	2 8	1.5	0 0	0	1.0	19 6
		10/31/14	63.8	0.4	N/A	61.2	0.0	0.7	1.0	0 0	0	1.9	20 6
		2/9/15	55.6	0 0	N/A	52.5	0.0	0.7	0.9	0 0	0	1.3	20.1
		4/27/15	53.4	0 2	N/A	51.2	0.1	3.1	1.8	0 0	0	0.7	19 3
		7/28/15	53.7	0 0	N/A	61.8	0.0	0 0	0.3	0 0	0	2.4	18 2
		10/27/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/27/16	61.3	0.1	N/A	51.6	0.0	0 0	0.3	0 0	0	1.5	19.4
		4/29/16	52.3	0 3	N/A	56.3	0.3	0 0	0.5	0 0	0	0.8	19 8
		8/3/16	52.8	0 0	N/A	52.0	0.0	0 0	0.2	0 0	0	2.9	17 0
		10/25/16	59.4	0 0	N/A	61.6	0.0	0 0	0.4	0 0	0	3.1	18 3
VMP-9	5	4/6/11	50.3	0 0	N/A	62.2	0.0	0 0	1.6	0 0	0	1.1	5 8
		8/2/11	52.5	0 0	N/A	55.6	0.4	7550	92.3	0 9	19	14.9	0 5
		11/4/11	53.8	0 0	N/A	53.8	0.0	NM	0.5	0 0	0	3.8	16.7
		1/26/12	55.1	0 0	N/A	66.2	0.0	0 0	0.5	0.1	2	13.8	2 2
		4/11/12	55.6	0 0	N/A	50.5	0.0	0 8	0.2	0 0	0	0.6	20 2
		7/13/12	68.7	0 0	0.0	59.9	0.0	3 2	0.4	0 0	0	0.6	19.7
		10/10/12	54.2	0 0	0.0	47.3	0.0	0 8	0.6	0 0	0	0.3	20 6
		1/25/13	61.2	0 0	N/A	38.9	0.0	1 6	0.4	0 0	0	0.2	22 0
		2/15/13[9]	51.7	0 0	N/A	51.7	0.1	1 0	0.3	0 0	0	0.2	20.4
		5/1/13	56.3	0 0	N/A	58.2	1.4	1.4	0.5	0 0	0	0.0	20 5
		7/30/13	55.8	0 0	N/A	50.0	0.2	0.7	0.4	0 0	0	0.3	19 9
		10/22/13	64.5	0 0	N/A	56.1	0.2	1 2	0.6	0 0	0	0.2	21 0
		12/20/13	62.2	0 0	N/A	56.7	0.5	1 0	0.3	0 0	0	0.1	20.7
		2/11/14	67.6	0 0	N/A	60.3	0.4	1.1	0.5	0 0	0	0.1	20 9
		4/30/14	58.6	0 0	N/A	52.6	0.0	0.7	1.0	0 0	0	0.2	20.7
		8/11/14	54.0	0 0	N/A	53.6	2.2	2.7	1.4	0 0	0	0.2	19 9
		11/6/14	57.4	0 0	N/A	58.9	0.1	4.1	3.7	0 0	0	0.2	20 8
		2/11/15	55.8	0.1	N/A	51.2	0.8	0 9	1.4	0 0	0	0.2	20 8
		5/4/15	55.8	0 0	N/A	54.7	0.0	2 5	1.1	0 0	0	0.2	20 8
		7/28/15	54.6	0 0	N/A	58.6	0.0	0 0	0.3	0 0	0	0.7	19.7
		10/28/15	54.2	0 0	N/A	53.3	0.0	0 0	0.4	0 0	0	0.2	20 8
		1/28/16	65.7	0 0	N/A	55.2	0.0	0 0	0.3	0 0	0	0.2	20 8
		4/28/16	65.2	0 0	N/A	52.7	0.0	0 0	0.5	0 0	0	0.1	20.7
		8/1/16	66.5	0 0	N/A	63.6	0.0	0 0	0.2	0 0	0	0.6	20 2
		10/25/16	61.8	0 0	N/A	52.6	0.0	0 0	0.4	0 0	0	0.4	20.4
		12/9/16[12]	66.7	0 0	N/A	53.0	0.0	0 0	0.3	0 0	0	0.8	19 9

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-9	11.5	4/6/11	53.7	0 0	N/A	56.3	0.0	60 8	0.0	0 0	0	10.4	1.4
		8/2/11	58.6	0 8	5.6	57.2	0.9	37600	68.9	6 0	OVR	13.4	0.3
		11/4/11	57.1	0 0	N/A	51.7	0.0	NM	0.7	0 0	0	10.0	9.8
		1/26/12	54.0	0.4	N/A	72.5	0.0	0.0	0.6	0 0	1	14.4	1.5
		4/11/12	55.4	0 0	N/A	50.5	0.1	0.6	0.2	0 0	0	1.4	19 6
		7/13/12	72.4	0.4	0.0	60.1	0.9	2.9	0.2	0 0	0	1.2	19.4
		10/10/12	46.6	0 0	0.0	40.6	0.5	1.8	3.2	0 0	0	0.6	20 6
		1/25/13	66.4	0 0	N/A	34.0	0.0	0.9	0.5	0 0	0	0.4	21 6
		5/1/13	55.8	0 0	N/A	50.2	0.8	0.5	0.5	0 0	0	0.1	20 2
		7/30/13	53.2	0 0	N/A	51.5	0.2	0.8	0.6	0 0	0	1.1	19.4
		10/22/13	61.7	0 0	N/A	58.7	0.2	0.6	0.4	0 0	0	0.4	20.7
		12/20/13	72.0	0 0	N/A	59.2	0.5	0.8	0.4	0 0	0	0.2	20 6
		2/11/14	54.9	0 0	N/A	51.2	0.3	0 5	0.4	0 0	0	0.1	20 8
		4/30/14	62.7	0 0	N/A	53.6	0.1	0 6	1.3	0 0	0	0.6	20 2
		8/11/14	53.0	0 0	N/A	50.1	0.0	2.4	1.5	0 0	0	0.8	19.4
		11/6/14	60.3	0 0	N/A	51.1	0.1	1 0	1.3	0 0	0	0.6	20 3
		2/11/15	52.9	0.1	N/A	54.4	0.9	0 6	1.4	0 0	0	0.2	20 6
		5/4/15	52.9	0 0	N/A	54.3	0.1	1.7	1.1	0 0	0	0.5	20 5
		7/28/15	58.2	0 0	N/A	60.5	0.2	0 0	0.4	0 0	0	1.1	19 2
		10/28/15	56.8	0 0	N/A	56.8	0.1	0 0	0.4	0 0	0	0.3	20 9
		1/28/16	60.9	0 0	N/A	52.7	0.0	0 0	0.2	0 0	0	0.2	20.7
		4/28/16	57.7	0 0	N/A	51.7	0.1	0 0	0.8	0 0	0	0.5	20.4
		8/1/16	51.0	0 0	N/A	64.9	0.0	0 0	0.2	0 0	0	1.6	19 2
		10/25/16	59.2	0 0	N/A	55.5	0.0	0 0	0.8	0 0	0	1.2	19 8
		12/9/16[12]	70.0	0 0	N/A	53.0	0.3	0 0	1.1	0 0	0	1.8	19 0
	25.5	8/2/11	56.1	0 3	N/A	58.1	0.5	46300	87.2	11.7	OVR	12.8	0.4
		11/4/11	60.7	0 0	N/A	50.2	0.0	NM	166	2 0	40	15.5	0 2
		1/26/12	54.5	0 0	N/A	67.1	0.0	5200	62.3	0 9	18	15.7	0.7
		4/11/12	61.0	0 0	N/A	60.1	0.3	0.7	0.3	0 0	0	3.8	18 0
		7/13/12	53.2	0 0	0.0	59.6	0.1	3.7	0.6	0 0	0	2.6	18.7
		10/10/12	53.5	0 0	0.0	43.5	0.0	0.4	0.7	0 0	0	1.9	19.7
		1/30/13	66.5	0 0	N/A	60.4	0.0	0 6	0.4	0 0	0	1.4	20.1
		5/1/13	54.4	0 0	N/A	50.5	0.0	1.4	0.7	0 0	0	0.4	20 2
		7/30/13	66.9	0 0	N/A	51.9	0.1	0 5	0.5	0 0	0	1.8	18.4
		10/22/13	62.3	0 0	N/A	50.4	0.2	0 6	0.4	0 0	0	1.2	20.1
		2/11/14	57.2	0 0	N/A	51.9	0.7	0 9	0.9	0 0	0	0.6	20.4
		4/30/14	61.2	0 0	N/A	61.1	0.0	0.4	1.2	0 0	0	0.8	19 9
		8/11/14	50.9	0 0	N/A	51.3	0.0	1 9	1.6	0 0	0	1.8	18 6
		11/11/14[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/12/15[7]	51.5	0 0	N/A	56.2	0.0	2 6	1.4	0 0	0	0.7	20.7
		5/4/15	52.9	0 0	N/A	50.0	0.0	10 9	4.1	0 0	0	0.7	19 8
		5/29/15[12]	53.3	0 0	N/A	63.0	0.0	0 6	0.7	0 0	0	0.9	19 6
		7/28/15	60.5	0 0	N/A	57.0	0.1	0 0	0.4	0 0	0	1.8	18.4
		10/28/15	64.2	0 0	N/A	52.8	0.0	0 0	0.4	0 0	0	1.8	20 2
		1/28/16	59.4	0 0	N/A	52.8	0.1	0 0	0.4	0 0	0	1.6	19.4
		4/28/16	52.4	0 0	N/A	51.4	0.1	0 0	0.7	0 0	0	0.9	20 0
		8/1/16	65.9	0 0	N/A	64.6	0.0	0 0	0.1	0 0	0	1.9	18.4
		10/25/16	65.3	0 0	N/A	55.3	0.0	0 0	0.3	0 0	0	2.4	18.4
		12/9/16[12]	67.7	0 0	N/A	55.0	0.0	0 0	0.5	0 0	0	3.3	17 9

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-9	38.5	8/2/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/4/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/26/12	51.5	0 0	N/A	61.9	0.0	5900	202	1 5	31	16.0	0.4
		4/11/12	50.5	0 0	N/A	51.4	0.0	2.6	1.1	0 0	0	8.9	13.1
		7/13/12	69.1	0 0	0.0	45.1	0.3	4.7	0.7	0 0	0	4.9	16 2
		10/10/12	55.4	0 0	0.0	46.7	0.0	95.4	14.4	0 0	0	6.4	14 0
		1/30/13	49.4	0 0	N/A	42.6	0.0	1.2	0.4	0 0	0	6.7	15 5
		5/1/13	53.8	0 0	N/A	53.5	0.1	1.7	0.8	0 0	0	3.2	17 9
		7/30/13	67.5	0 0	N/A	49.8	0.1	1.2	0.2	0 0	0	3.0	16 6
		10/22/13	58.5	0 0	N/A	52.9	0.0	0.3	0.3	0 0	0	3.4	18 5
		2/11/14	56.3	0 0	N/A	50.9	0.0	0 9	0.9	0 0	0	2.7	18 8
		5/5/14[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/11/14	50.3	0.4	N/A	50.8	2.0	2.1	1.5	0 0	0	2.4	17 2
		11/11/14[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/17/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/4/15	52.3	0 0	N/A	52.4	0.0	9 5	2.5	0 0	0	2.0	18 9
		5/29/15[12]	52.9	0 0	N/A	50.0	0.1	2 9	1.2	0 0	0	1.9	19 3
		7/28/15	55.3	0 0	N/A	59.4	0.3	0 0	0.4	0 0	0	2.5	17 6
		10/28/15	52.2	0 0	N/A	56.7	0.0	0 0	0.4	0 0	0	3.2	18.7
		1/28/16	70.5	0 0	N/A	51.1	0.0	0 0	0.5	0 0	0	3.3	18 5
		4/28/16	56.7	0 0	N/A	51.1	0.2	0 0	0.4	0 0	0	2.2	19.1
		7/29/16	53.3	0 0	N/A	60.6	0.0	0 0	0.3	0 0	0	2.4	18.1
		10/25/16	57.8	0 0	N/A	52.8	0.0	0 0	0.3	0 0	0	2.1	18 8
		12/9/16[12]	66.5	0 0	N/A	54.6	0.0	0 0	0.8	0 0	0	3.7	17.1
VMP-10	5	4/5/11	62.6	0 0	N/A	62.7	0.0	28 8	3.2	0 0	0	0.9	19 8
		7/29/11	57.7	0 0	N/A	48.4	0.0	0 0	1.0	0 0	0	4.4	17.4
		11/4/11	56.0	0 0	N/A	52.0	0.0	NM	0.6	0 0	0	3.1	17 0
		1/25/12	76.6	0 0	N/A	63.1	0.4	1 0	1.7	0 0	0	0.0	20 9
		4/11/12	62.5	0 0	N/A	51.4	0.1	0 5	0.9	0 0	0	3.5	17.7
		7/13/12	50.8	0 0	N/A	47.1	0.0	3 2	0.2	0 0	0	2.2	18 3
		10/10/12	59.0	0 0	N/A	53.6	0.0	0.4	0.5	0 0	0	1.9	17 8
		1/29/13	52.6	0 0	N/A	52.1	0.1	1 2	0.3	0 0	0	0.0	20 8
		4/30/13	63.8	0 0	N/A	58.1	0.4	1 6	0.5	0 0	0	0.0	19 8
		7/30/13	72.2	0 0	N/A	50.3	1.6	1.4	0.4	0 0	0	0.1	19 9
		10/28/13	71.8	0 0	N/A	56.5	6.5	1.1	0.3	0 0	0	0.3	19 3
		11/13/13[7]	75.9	0 0	N/A	58.4	3.2	0 9	0.3	0 0	0	0.1	20 0
		2/26/14[7]	59.6	0 0	N/A	54.6	0.4	1 0	0.6	0 0	0	0.1	20 8
		4/29/14	66.4	0 0	N/A	58.0	0.0	0.7	0.6	0 0	0	0.3	20.4
		7/31/14	53.1	0 0	N/A	54.4	0.0	1 0	0.7	0 0	0	0.0	20.7
		10/30/14	64.2	0 0	N/A	54.3	0.0	2 0	0.6	0.1	2	0.1	20 8
		2/5/15	58.5	0 0	N/A	55.3	0.0	1.4	2.3	0 0	0	0.0	20 8
		4/30/15	53.4	0 0	N/A	58.0	0.2	2 3	1.1	0 0	0	0.1	20 8
		7/28/15	55.4	0 2	N/A	54.3	0.0	0 0	0.4	0 0	0	0.1	20 8
		10/30/15	54.8	0 0	N/A	53.3	0.2	0 0	0.3	0 0	0	0.1	20 9
		1/29/16	60.1	0 0	N/A	55.4	0.0	0 0	0.2	0 0	0	0.0	20 9
		5/2/16	55.2	0 0	N/A	53.0	0.0	0 0	0.3	0 0	0	0.3	20 8
		8/26/16	55.0	0 0	N/A	52.7	0.0	0 0	0.0	0 0	0	0.5	20 5
		11/2/16	52.0	0 0	N/A	56.3	0.0	0 0	0.6	0 0	0	0.2	19 8

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-10	10	7/29/11	52.8	0 0	N/A	49.8	0.2	0.0	2.8	0 0	0	6.0	15 3
		11/4/11	57.8	0 0	N/A	60.0	0.0	NM	0.7	0 0	0	4.4	15 8
		1/25/12	53.2	0 0	N/A	36.0	0.0	1.6	1.8	0 0	0	4.1	16 3
		4/11/12	55.4	0 0	N/A	56.5	0.0	0.5	0.8	0 0	0	4.4	16.4
		7/13/12	50.4	0 0	N/A	40.7	0.0	4.1	0.8	0 0	0	3.2	17 2
		10/10/12	53.6	0 0	N/A	35.8	0.0	0.8	0.6	0 0	0	2.4	17 2
		1/29/13	51.7	0 0	N/A	55.8	0.1	0.9	0.3	0 0	0	0.1	20 8
		4/30/13	54.3	0 0	N/A	54.4	0.3	1.8	0.7	0 0	0	0.0	19.7
		7/30/13	62.2	0.1	N/A	61.0	0.5	1.1	0.5	0 0	0	0.1	20 5
		11/13/13[7]	63.9	0.1	N/A	53.4	0.8	0.9	0.3	0 0	0	0.2	20 5
		2/12/14	55.0	0.1	N/A	52.2	0.0	0.2	0.3	0 0	0	0.1	20 8
		4/29/14	66.9	0 0	N/A	50.3	0.0	0.8	0.7	0 0	0	0.3	20 5
		7/31/14	55.9	0 0	N/A	51.7	0.1	1.3	1.1	0 0	0	0.0	20 8
		10/30/14	67.1	1 5	N/A	56.7	0.4	1.8	0.7	0 0	0	0.2	20 8
		2/5/15	54.6	0 0	N/A	53.3	0.1	0.9	2.4	0 0	0	0.0	20 8
		4/30/15	59.0	0.1	N/A	60.5	0.1	2.7	1.4	0 0	0	0.1	20 9
		7/28/15	53.1	0 0	N/A	53.4	0.0	0 0	0.3	0 0	0	0.1	20.7
		10/30/15	53.7	0 0	N/A	52.7	0.0	0 0	0.2	0 0	0	0.1	20 9
		2/16/16	73.1	0 0	N/A	59.7	0.2	0 0	0.3	0 0	0	0.1	20 8
		5/2/16	53.7	0 0	N/A	51.1	0.0	0 0	0.3	0 0	0	0.4	20 6
		7/28/16	54.7	0 0	N/A	51.1	0.0	0 0	0.4	0 0	0	0.9	19 6
		11/2/16	53.9	0 0	N/A	52.6	0.0	0 2	0.7	0 0	0	0.3	19 6
	20	7/29/11	62.7	0 0	N/A	45.9	0.4	0 0	3.3	0 0	0	7.3	13 2
		11/4/11	62.1	0 0	N/A	63.8	0.0	NM	0.6	0 0	0	6.2	14 2
		1/25/12	57.2	0 0	N/A	58.1	0.0	2.1	0.0	0 0	0	6.2	14.4
		4/11/12	56.2	0 0	N/A	50.5	0.1	1.4	1.1	0 0	0	5.5	14 6
		7/16/12	50.6	0 0	N/A	46.6	0.0	1 8	0.8	0 0	0	5.2	15 9
		10/10/12	57.6	0 0	N/A	39.7	0.0	0.4	0.5	0 0	0	4.2	15.4
		1/29/13	55.7	0 0	N/A	63.6	0.1	1 0	0.4	0 0	0	0.4	20.4
		4/30/13	53.2	0 0	N/A	52.2	0.2	0 8	0.6	0 0	0	0.1	19.7
		7/30/13	62.8	0.1	N/A	58.0	0.3	1 5	0.6	0 0	0	0.4	20 6
		10/28/13	66.1	0 0	N/A	89.8	0.3	0 3	0.9	0 0	0	0.4	20.7
		2/12/14	59.9	0 0	N/A	55.2	0.0	0 6	0.6	0 0	0	0.1	20 8
		4/29/14	62.3	0 0	N/A	66.3	0.0	0.7	1.1	0 0	0	0.2	20 5
		7/31/14	52.9	0 0	N/A	50.4	0.0	1.1	1.1	0 0	0	0.3	20 5
		10/30/14	66.6	0 0	N/A	56.4	0.0	1.7	0.7	0 0	0	0.3	20.7
		2/5/15	52.5	0 0	N/A	58.3	0.0	0.4	2.8	0 0	0	0.0	20 8
		4/30/15	56.9	0 2	N/A	56.4	0.0	1.7	1.6	0 0	0	0.2	20 9
		7/28/15	53.1	0 0	N/A	52.1	0.0	0 0	0.3	0 0	0	0.6	20 5
		10/30/15	54.4	0 0	N/A	51.6	0.0	0 0	0.2	0 0	0	0.3	20 9
		1/29/16	53.4	0 0	N/A	53.8	0.0	0 0	0.3	0 0	0	0.2	20.7
		5/2/16	65.9	0 0	N/A	85.6	0.0	0 0	0.3	0 0	0	0.3	20 6
		7/28/16	55.2	0 0	N/A	56.2	0.0	0 0	0.4	0 0	0	0.6	19 9
		11/2/16	50.4	0 0	N/A	51.5	0.0	0 0	0.5	0 0	0	0.6	19.7

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-10	30	11/4/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/25/12	71.3	0 2	N/A	58.9	0.2	21.4	1.7	0 0	0	0.1	11 8
		4/11/12	51.0	0 0	N/A	55.7	0.0	6.7	0.9	0 0	0	6.5	13.1
		7/16/12	55.3	0 0	N/A	50.2	0.0	2.8	0.8	0 0	0	6.1	14 5
		10/10/12	55.8	0 0	N/A	35.0	0.4	0.6	0.7	0 0	0	6.1	13.1
		1/29/13	52.7	0 0	N/A	62.3	0.1	0.6	0.4	0 0	0	2.6	18 9
		4/30/13	51.3	0 0	N/A	53.3	0.2	0.8	0.5	0 0	0	0.8	19.1
		7/30/13	62.6	0 0	N/A	53.7	0.1	1.1	0.5	0 0	0	0.9	20.4
		10/28/13	56.7	0 0	N/A	88.8	2.5	0.5	0.8	0 0	0	0.8	20.1
		2/12/14	55.7	0 0	N/A	55.2	0.0	0.4	0.7	0 0	0	0.6	20 2
		4/29/14	68.3	0 0	N/A	57.1	0.0	0.8	1.2	0 0	0	0.5	20.1
		7/31/14	52.6	0 0	N/A	51.6	0.1	0.9	0.8	0 0	0	0.5	20 3
		10/30/14	67.4	0 0	N/A	63.6	0.0	0.7	0.9	0 0	0	0.9	20.1
		2/5/15	53.9	0 0	N/A	64.0	0.1	2 5	2.4	0 0	0	0.2	20.7
		4/30/15	54.2	0 0	N/A	56.7	0.1	1 6	1.7	0 0	0	0.2	20 9
		7/28/15	54.9	0 0	N/A	54.3	0.0	0 0	0.3	0 0	0	0.5	20 2
		10/30/15	55.3	0 0	N/A	58.5	0.1	0 0	0.5	0 0	0	0.8	20 6
		1/29/16	55.4	0 0	N/A	62.2	0.0	0 0	0.3	0 0	0	0.8	20 3
		5/2/16	56.3	0 0	N/A	63.0	0.2	0 0	0.3	0 0	0	0.4	20 6
		7/28/16	53.9	0 0	N/A	56.4	0.0	0 0	0.5	0 0	0	0.5	20.1
		11/2/16	53.2	0 0	N/A	58.3	0.0	0 0	0.7	0 0	0	0.9	20 0
VMP-11	5	4/6/11	55.3	0 0	0.0	48.9	0.0	3.4	0.7	0 0	0	8.5	10 5
		8/7/11	68.2	0 0	N/A	47.5	0.0	0 0	4.3	0 0	0	7.5	13.1
		11/11/11	53.2	0 0	N/A	67.0	0.0	0 0	1.1	0 0	0	11.1	8 0
		1/26/12	75.8	0 0	N/A	75.8	0.0	0 0	0.7	0 0	0	10.7	7 2
		4/19/12	82.4	0 0	0.0	62.7	0.0	0 0	2.6	0 0	0	5.9	16 3
		7/19/12	54.0	0 0	0.0	50.0	0.0	3 6	1.3	0 0	0	2.4	18 0
		10/16/12	52.7	0 0	N/A	45.6	0.0	2 2	0.4	0 0	0	5.0	14 6
		1/29/13	65.3	0 0	N/A	60.8	0.1	19 6	3.0	0 0	0	0.5	19 9
		4/30/13	55.6	0 0	N/A	52.3	0.6	0 9	0.6	0 0	0	0.4	20 2
		7/31/13	61.3	0 0	N/A	53.4	0.9	3.1	0.3	0 0	0	0.3	19 8
		10/28/13	58.5	0 0	N/A	52.0	0.3	0.4	0.3	0 0	0	0.2	20.1
		2/21/14	67.5	0 0	N/A	51.4	0.0	1 3	0.3	0 0	0	0.1	20.7
		4/30/14	60.7	0 0	N/A	51.1	0.0	1 0	0.6	0 0	0	0.7	20.1
		7/31/14	53.5	0 0	N/A	57.9	0.1	1.7	1.6	0 0	0	0.7	20 2
		10/30/14	64.8	0 0	N/A	52.2	0.6	2 0	1.1	0 0	0	0.4	20 3
		2/5/15	52.1	0 0	N/A	52.5	0.0	1.1	1.2	0 0	0	0.2	20 6
		4/30/15	65.4	0 0	N/A	55.5	0.0	1 8	1.6	0 0	0	0.3	20 9
		7/28/15	75.6	0 0	N/A	68.6	0.0	0 0	0.4	0 0	0	0.8	19.1
		10/30/15	50.9	0 0	N/A	52.2	0.1	0 0	0.2	0 0	0	0.2	20 8
		1/29/16	55.1	0 0	N/A	51.7	0.0	0 0	0.2	0 0	0	0.1	20 8
		5/2/16	52.2	0 0	N/A	56.1	0.0	0 0	0.0	0 0	0	0.4	20.7
		8/1/16	52.6	0 0	N/A	54.9	0.0	0 0	0.7	0 0	0	0.7	16 6
		11/1/16	54.3	0 0	N/A	51.8	0.0	0 0	0.5	0 0	0	0.5	19.7

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-11	8	4/6/11	73.8	0 0	0.0	70.0	0.0	3.0	0.8	0 0	0	8.3	10.1
		8/7/11	53.0	0 0	N/A	35.1	0.0	0.0	2.3	0.1	1	9.9	7.9
		11/14/11	54.2	0 0	N/A	62.1	0.0	NM	0.4	0 0	0	10.5	8.2
		1/26/12	76.2	0 0	N/A	76.2	0.0	0.0	0.7	0 0	0	10.6	7.6
		4/19/12	50.5	0 0	0.0	65.7	0.1	0.0	2.1	0 0	0	4.0	16 6
		7/20/12	50.4	0 0	N/A	40.0	0.0	32 9	1.4	0 0	0	4.0	16.7
		10/16/12	55.6	0 0	N/A	43.1	0.0	0.7	0.4	0 0	0	4.5	15 6
		1/29/13	71.2	0 0	N/A	57.1	0.0	3.7	1.5	0 0	0	1.1	19 0
		5/1/13[7]	51.4	0 0	N/A	41.2	0.4	1.2	0.5	0 0	0	0.7	20.1
		7/31/13[7]	80.8	0 0	N/A	54.2	0.9	0.4	0.5	0 0	0	1.3	19 3
		10/28/13	66.4	0 6	0.0	53.1	1.1	0.4	0.4	0 0	0	0.8	20.1
		2/21/14	73.2	0 0	N/A	54.7	0.0	1.2	0.5	0 0	0	0.2	20 6
		4/30/14	63.8	0 0	N/A	66.5	0.5	0.7	0.6	0 0	0	0.9	20 0
		7/31/14	55.0	0 0	N/A	56.5	0.0	1.6	1.8	0 0	0	1.4	19 3
		10/30/14[9]	53.8	0 0	N/A	53.0	0.4	1.7	1.3	0 0	0	1.2	19 5
		11/10/14	80.9	0 0	N/A	65.9	0.2	0 6	0.8	0 0	0	1.0	20 0
		2/5/15	51.6	0 0	N/A	51.0	0.0	1.1	1.5	0 0	0	0.3	20 8
		4/30/15	53.5	0 0	N/A	55.5	0.1	1.4	1.5	0 0	0	0.5	20 5
		7/28/15	56.1	0 0	N/A	55.5	0.0	0 0	0.5	0 0	0	1.6	19 2
		10/30/15	59.3	0 0	N/A	61.0	0.0	0 0	0.3	0 0	0	0.9	20 5
		1/29/16	60.4	0 0	N/A	51.0	0.0	0 0	0.3	0 0	0	0.3	20 6
		5/2/16	51.8	0 0	N/A	54.1	0.0	0 0	0.1	0 0	0	0.8	20 5
		5/6/16	51.9	0 0	N/A	56.4	0.3	0 0	0.3	0 0	0.0	0.8	19 8
		8/1/16	53.8	0 0	N/A	56.8	0.0	0 0	0.6	0 0	0	1.7	18 5
		11/1/16	50.3	0 0	N/A	57.9	0.0	0 0	0.5	0 0	0	1.0	19 2
	29	4/6/11	63.8	0 0	0.0	66.0	0.0	3 9	1.1	0.1	2	14.6	0 8
		8/7/11	57.9	32.7	0.0	41.9	30.1	0 0	3.2	0.1	2	3.7	8 5
		8/25/11	53.7	0 0	0.0	47.5	0.0	0 0	0.3	0 0	0	14.0	0 5
		11/14/11	54.3	0 0	N/A	62.8	0.0	NM	0.6	0 0	0	14.9	1 5
		1/26/12	52.8	0 0	N/A	52.1	0.0	0 0	0.5	0 0	0	15.3	1 2
		4/19/12	60.7	0 0	0.0	60.7	0.1	0 0	2.1	0 0	0	12.9	2 8
		4/27/12	54.8	0 0	N/A	51.1	0.0	0 0	0.7	0 0	0	11.9	7.1
		7/23/12	50.5	0 0	N/A	66.5	0.0	2.4	1.1	0 0	0	9.8	8 3
		10/16/12	50.1	0 0	N/A	41.3	0.0	1.4	0.7	0 0	0	7.5	12.4
		1/29/13	70.5	0 0	N/A	46.1	0.0	0 5	0.4	0 0	0	3.5	18.4
		4/30/13	51.2	0 0	N/A	43.0	0.1	0 3	0.7	0 0	0	1.3	19 2
		7/31/13	73.8	0 0	N/A	55.6	0.1	1 9	0.3	0 0	0	1.6	18 9
		10/28/13	54.7	0 0	N/A	49.0	0.3	0 6	0.7	0 0	0	1.3	20.1
		2/21/14	52.3	0 0	N/A	52.1	0.0	1 5	0.7	0 0	0	0.6	20 5
		4/30/14	71.5	0 0	N/A	55.3	0.1	0.1	0.9	0 0	0	0.7	19 8
		7/31/14	52.8	0 0	N/A	62.6	0.0	1 5	1.6	0 0	0	1.3	19 5
		10/30/14	63.1	0 0	N/A	54.9	0.1	1 0	1.2	0 0	0	1.6	19 6
		2/5/15	53.1	0 0	N/A	53.8	0.0	0.7	1.2	0 0	0	0.5	20 5
		4/30/15	56.7	0 0	N/A	55.8	0.0	1 6	1.4	0 0	0	0.4	20 5
		7/28/15	56.9	0 0	N/A	55.6	0.0	0 0	0.5	0 0	0	1.3	19.1
		11/5/15[9]	61.1	0 0	N/A	57.6	0.0	0 0	0.5	0 0	0	1.4	19 8
		1/29/16	59.4	0 0	N/A	51.6	0.0	0 0	0.5	0 0	0	1.1	20.1
		5/2/16	50.6	0 0	N/A	55.4	0.0	0 0	0.1	0 0	0	0.8	20.4
		8/2/16	53.6	0 0	N/A	54.0	0.0	0 0	0.2	0 0	0	1.4	18 8
		11/1/16	55.3	0 0	N/A	51.1	0.0	0 0	0.6	0 0	0	1.5	19 2

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-11	38	4/6/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/7/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/26/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/12	66.5	0 0	N/A	56.8	0.0	732	289	0 0	0	15.9	1.0
		7/23/12	51.0	0 0	N/A	58.5	0.0	400	112	0 0	0	15.9	0.3
		10/16/12	67.0	0 0	N/A	40.3	0.0	37 5	1.0	0 0	0	12.9	7.0
		1/30/13	50.7	0 0	N/A	51.9	0.0	NM	NM	0 0	0	8.3	13 6
		4/30/13	51.8	0 0	N/A	47.1	0.1	1.1	0.8	0 0	0	4.4	17 3
		7/31/13	80.5	0 0	N/A	52.9	0.1	1.7	0.4	0 0	0	2.6	17 8
		10/28/13	58.1	0 0	N/A	66.7	0.1	0.6	0.9	0 0	0	2.8	18 9
		2/21/14	57.3	0 0	N/A	54.7	0.0	2.4	0.6	0 0	0	2.0	19 3
		4/30/14	59.1	0 0	N/A	71.3	0.0	1 5	0.9	0 0	0	2.1	18.4
		7/31/14	52.8	0 0	N/A	53.3	0.0	1.7	1.8	0 0	0	1.4	18 9
		10/30/14	55.1	0 0	N/A	60.9	0.4	0 8	1.4	0 0	0	2.1	19.1
		2/5/15	52.7	0 0	N/A	53.2	0.0	2.1	2.0	0 0	0	1.4	19.7
		4/30/15	57.4	0 0	N/A	53.6	0.0	3.1	1.8	0 0	0	1.2	19 6
		7/28/15	64.6	0 0	N/A	62.4	0.0	0 0	0.5	0 0	0	1.1	19 3
		10/30/15	52.7	0 0	N/A	55.8	0.0	0 0	0.3	0 0	0	1.7	19 6
		1/29/16	56.8	0 0	N/A	50.1	0.0	0 0	0.5	0 0	0	1.6	19.7
		5/2/16	52.4	0 0	N/A	57.2	0.2	0 0	0.1	0 0	0	1.0	20.4
		8/2/16	59.1	0 0	N/A	54.5	0.1	0 0	0.2	0 0	0	1.1	18 9
		11/2/16	54.5	0 0	N/A	50.1	0.0	0 3	0.3	0 0	0	0.0	20 9
VMP-12	5	8/4/11	57.4	8 2	OVR	38.1	5.1	OVR	89.8	OVR	OVR	12.3	1 0
		11/16/11	78.1	0 0	N/A	61.5	0.0	20 0	8.9	0 0	0	8.2	16 3
		1/24/12	53.6	0 6	N/A	50.0	1.8	17.1	46.9	0.1	2	3.6	19 2
		4/19/12	54.2	0 0	N/A	52.8	0.1	2 5	3.2	0 0	0	5.1	12 8
		7/26/12	55.6	0 0	0.0	79.6	2.1	5.7	0.4	0 0	0	0.1	20.1
		10/24/12	56.1	0 0	N/A	39.0	0.1	2.4	0.7	0 0	0	0.1	20.4
		2/18/13[7]	54.9	0 3	0.0	42.2	0.5	2 6	0.2	0 0	0	0.1	20 8
		5/10/13	57.7	0 0	N/A	57.6	0.2	1 3	0.3	0 0	0	0.2	18 8
		8/12/13	52.3	0 0	N/A	51.9	0.2	1 5	0.4	0 0	0	0.5	20.4
		11/14/13	69.6	0 0	N/A	50.6	0.2	1 3	0.5	0 0	0	0.3	20.4
		2/28/14	70.6	0 0	N/A	57.2	0.0	2 3	0.7	0 0	0	0.1	20 9
		3/19/14[9]	52.2	0 0	N/A	46.5	0.0	1 8	0.6	0 0	0	0.1	20 9
		5/2/14	62.6	0 0	N/A	57.3	0.0	2 6	2.6	0 0	0	0.2	20 2
		8/15/14	51.8	0 0	N/A	50.3	0.1	5 3	1.4	0 0	0	0.1	20.1
		11/7/14	54.2	0 0	N/A	51.9	0.3	1.4	0.6	0 0	0	0.2	20 3
		2/11/15	55.1	0 0	N/A	55.6	0.0	1 9	0.8	0 0	0	0.1	20 9
		5/7/15	51.9	0 0	N/A	51.1	0.0	2 5	1.9	0 0	0	0.0	20 5
		7/31/15	61.8	0 0	N/A	56.6	0.1	1 2	0.5	0 0	0	0.4	20 6
		11/4/15	75.6	0 0	N/A	50.5	0.0	14.1	4.2	0 0	0	0.0	20.7
		2/3/16	51.9	0 0	N/A	52.7	0.3	0 0	0.3	0 0	0	0.0	20.1
		5/4/16	59.5	0 0	N/A	52.3	0.0	0.4	0.6	0 0	0	0.0	20.7
		8/3/16	61.9	0 0	N/A	50.2	0.1	0 0	0.2	0 0	0	0.0	19 6
		10/31/16	54.7	0 0	N/A	53.2	0.0	0 9	0.6	0 0	0	0.0	20 9

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-12	11.5	8/4/11	51.2	5 2	OVR	27.7	8.0	OVR	194	OVR	OVR	11.5	1.0
		11/16/11	71.5	0 0	N/A	56.5	0.2	27100	36.2	3 0	61	11.0	6.4
		1/24/12	53.1	0 0	N/A	46.5	1.0	79000	283	12.4	OVR	10.7	1.4
		4/19/12	70.1	0 0	N/A	50.8	0.9	46500	13.8	5.4	OVR	8.1	6.3
		7/26/12[9]	58.3	1.1	N/A	50.2	2.0	NM	NM	0 0	0	0.3	20 3
		8/20/12	54.6	0 0	N/A	41.9	0.2	4.8	1.1	0 0	0	0.1	20 8
		10/26/12[7]	54.5	0 0	N/A	48.1	0.1	1.6	0.3	0 0	0	0.2	20 2
		2/18/13[7]	54.7	0 0	0.0	58.5	0.8	5.0	0.3	0 0	0	0.3	20 0
		5/10/13	54.2	0 0	N/A	51.5	0.0	1710	0.9	0 2	3	3.6	11.7
		8/12/13	62.7	0 0	N/A	59.7	0.7	1.6	0.4	0 0	0	0.5	19 8
		11/14/13	79.1	0 0	N/A	55.2	0.1	1.4	0.6	0 0	0	0.3	20.4
		2/28/14	56.9	0 0	N/A	54.7	0.0	2.0	1.0	0 0	0	0.1	20 9
		5/2/14	59.4	0 0	N/A	56.4	0.0	2.1	1.2	0 0	0	0.3	20 3
		8/15/14	51.3	0 6	N/A	52.3	0.6	3.5	1.3	0 0	0	0.1	19 9
		11/7/14	59.1	0 0	N/A	50.5	0.3	2.0	1.3	0 0	0	0.2	20.4
		2/11/15	53.0	0 0	N/A	60.6	0.0	3.1	0.9	0 0	0	0.0	20 8
		5/7/15	52.8	0 0	N/A	50.5	0.0	2 3	1.8	0 0	0	0.0	20.7
		7/31/15	66.3	0 0	N/A	74.9	0.1	0 3	0.5	0 0	0	0.1	20 9
		11/4/15	57.2	0 0	N/A	61.1	0.0	4 6	1.6	0 0	0	0.0	20.7
		2/3/16	52.2	0 0	N/A	50.7	0.1	0 0	0.4	0 0	0	0.1	20 9
		5/4/16	53.3	0 0	N/A	50.6	0.0	0 2	0.5	0 0	0	0.0	20.7
		8/3/16	50.7	0 0	N/A	51.8	0.1	0 0	0.2	0 0	0	0.0	19 3
		11/3/16	53.4	0 0	N/A	55.1	0.0	0 0	0.1	0 0	0	0.1	20 5
	25	8/4/11	92.6	11.6	OVR	31.3	8.1	OVR	245	OVR	OVR	11.8	0 9
		11/16/11	82.5	11.2	OVR	57.8	0.4	OVR	140	OVR	OVR	12.7	0 6
		1/24/12	57.0	8.1	OVR	47.9	7.6	848000	1525	OVR	OVR	12.7	0 3
		4/19/12	54.9	5.1	N/A	53.7	9.0	900000	48.5	OVR	OVR	10.2	0 8
		7/26/12	50.5	0 6	28.4	53.2	0.5	46700	100 0	19.7	OVR	9.8	5.4
		10/25/12	56.6	0 0	N/A	60.5	0.0	8350	130	3 5	70	13.3	1 3
		2/15/13	62.2	2 3	33 0	42.0	2.3	164000	29.0	40.0	OVR	12.2	2 8
		5/10/13	53.1	6 2	95 0	40.4	5.7	474000	52.1	99.9	OVR	11.6	2 0
		8/12/13	55.4	3.4	62.4	61.0	5.4	388000	29.9	83.2	OVR	14.0	1 8
		11/14/13	67.6	0 0	N/A	55.8	0.0	7040	13.0	0 6	12	7.2	8 0
		2/28/14	55.8	0 0	N/A	55.4	0.0	4950	30.5	0 6	12	13.3	1 6
		5/2/14	62.7	0 0	N/A	52.3	0.0	8.4	3.7	0 0	0	1.5	18.7
		8/15/14	54.9	0 0	N/A	50.4	0.0	4 0	1.1	0 0	0	0.9	18 9
		11/7/14	54.4	0 0	N/A	50.3	0.1	1 3	0.8	0 0	0	0.9	19 8
		2/11/15	60.1	0 0	N/A	58.0	0.0	1.4	1.3	0 0	0	0.5	20 3
		5/7/15	52.8	0 0	N/A	50.5	0.0	2.1	2.0	0 0	0	0.3	20.4
		7/31/15	61.8	0 0	N/A	56.6	0.1	0 2	0.4	0 0	0	0.4	20 6
		11/4/15	58.6	0 0	N/A	52.7	0.0	3 8	13.3	0 0	0	0.3	20 5
		2/16/16	58.3	0 0	N/A	58.5	0.1	0 0	0.4	0 0	0	0.0	20 6
		5/4/16	51.6	0 0	N/A	50.5	0.0	2 9	1.1	0 0	0	0.5	20 3
		8/3/16	52.1	0 0	N/A	56.5	0.6	0 0	0.3	0 0	0	0.5	18 5
		10/31/16	56.5	0 0	N/A	52.9	0.0	0 9	0.7	0 0	0	0.7	19 8

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-12	39	8/4/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/24/12	50.5	15.5	OVR	36.1	9.4	OVR	1416	OVR	OVR	13.2	0.0
		4/19/12	65.5	5 2	N/A	60.9	9.2	OVR	62.0	OVR	OVR	11.5	0.7
		7/26/12	60.7	4 2	OVR	59.2	5.3	375000	1850	OVR	OVR	11.9	1.2
		10/24/12	52.7	2.7	OVR	42.4	2.9	179000	71.4	83.6	OVR	12.4	2.3
		2/15/13	54.0	4 5	OVR	40.0	4.4	488000	91.2	OVR	OVR	14.1	2.1
		5/10/13	51.9	5 2	OVR	51.1	8.0	1000000	63.2	OVR	OVR	13.9	1.4
		8/12/13	61.5	9.1	OVR	55.5	6.5	1000000	66.5	OVR	OVR	15.4	1.3
		11/14/13	62.7	6.4	OVR	53.5	5.3	424000	73.0	OVR	OVR	16.5	11 0
		2/28/14	63.1	2 6	N/A	54.6	2.4	177000	82.5	82.1	OVR	16.7	0.5
		5/2/14	58.0	2 5	60.7	52.4	2.3	161000	73.5	62.2	1244	15.2	1.1
		8/15/14	65.3	1 3	N/A	51.7	1.2	96900	143	42.3	OVR	14.6	1.1
		11/7/14	59.4	0 9	N/A	51.5	0.8	85000	162	74.6	OVR	17.3	0.3
		2/11/15	59.8	0 2	22 5	59.5	0.3	50700	183	22.5	OVR	16.0	0.2
		5/7/15	51.1	0.1	N/A	53.5	0.2	15100	190	11.9	OVR	13.1	3.2
		6/15/15[12]	71.3	0 0	2.1	64.6	0.2	11100	115	2.4	47	15.2	1.1
		7/31/15	62.4	0.4	15 2	62.2	0.7	58650	131	30.5	OVR	14.2	0.7
		11/4/15	54.6	0 0	N/A	52.5	0.0	29750	304	17.2	OVR	16.1	0.0
		2/3/16	51.0	0 6	N/A	53.2	0.5	10200	234	59.4	OVR	16.9	1.2
		5/4/16	56.5	2 2	OVR	53.9	1.4	171000	204	OVR	OVR	14.4	0.6
		8/3/16	57.6	1 8	N/A	55.6	1.7	213000	71.2	86.4	OVR	13.5	0.0
		11/3/16	52.9	0 2	N/A	80.0	0.9	94000	74.9	22.9	OVR	11.4	5.4
VMP-13	5	4/5/11	70.2	0 0	N/A	82.6	0.0	50 9	5.9	0 0	0	3.7	17.4
		8/9/11	57.9	0 0	N/A	44.0	0.0	NM	7.0	0 0	1	11.2	4.7
		11/14/11	54.5	0 0	N/A	60.3	0.0	NM	0.6	0 0	0	6.3	11 6
		1/27/12	53.8	0 0	N/A	57.7	0.0	0 0	0.8	0 0	0	5.6	13 0
		4/20/12	79.8	0 0	0.0	51.2	0.0	0 0	0.2	0 0	0	3.7	17.4
		7/19/12	54.2	0 0	N/A	51.4	0.0	2.7	1.1	0 0	0	4.2	16 3
		10/9/12	60.7	0 0	N/A	45.5	0.0	2.1	1.0	0 0	0	2.9	19 2
		1/29/13	53.1	0 0	N/A	55.0	0.1	1.1	0.4	0 0	0	0.2	20.7
		5/1/13	51.3	0 0	N/A	54.1	0.8	3.1	0.6	0 0	0	0.2	20 5
		7/31/13	64.7	0 0	N/A	48.3	1.6	2 2	0.2	0 0	0	0.7	19 5
		11/15/13[7]	55.8	0 0	N/A	54.7	1.3	1.7	0.7	0 0	0	0.2	20 0
		2/21/14	64.7	0 0	N/A	53.7	0.0	0 8	0.5	0 0	0	0.1	20 6
		5/1/14	62.7	0 0	N/A	56.4	0.0	1.7	1.0	0 0	0	0.3	20.7
		8/8/14	61.3	0 0	N/A	58.2	0.0	1 9	0.8	0 0	0	0.5	20 2
		10/30/14	57.7	0 0	N/A	51.6	0.7	3 3	1.2	0 0	0	0.3	19 9
		2/5/15	59.3	0 0	N/A	52.2	0.1	0 5	1.3	0 0	0	0.1	20 6
		4/30/15	56.9	0 0	N/A	51.4	0.0	1 9	1.3	0 0	0	0.2	20 8
		7/27/15	53.1	0 0	N/A	60.2	0.1	1 5	1.3	0 0	0	1.0	20 3
		11/2/15	63.5	0 0	N/A	77.0	0.0	0 0	0.5	0 0	0	0.3	20 2
		1/26/16	56.4	0 0	N/A	52.2	0.0	0 0	0.0	0 0	0	0.1	20 9
		5/3/16	51.9	0 0	N/A	56.2	0.1	0 0	0.3	0 0	0	0.3	20 5
		7/29/16	56.1	0 0	N/A	65.6	0.0	0 0	0.3	0 0	0	0.7	19 2
		11/2/16	52.4	0 0	N/A	53.4	0.0	0 0	0.6	0 0	0	0.4	20.4

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-13	10.5	4/5/11	50.2	0 0	N/A	72.8	0.0	30 5	4.4	0 0	0	3.3	12.1
		8/9/11	58.5	0 0	N/A	49.9	0.0	NM	46.0	0.7	15	12.4	1.3
		11/14/11	56.4	0 0	N/A	60.5	0.0	NM	0.5	0 0	0	7.6	9.3
		1/27/12	63.5	0 0	N/A	60.1	0.0	0.0	0.5	0 0	0	7.1	10.1
		4/20/12	71.2	0 0	0.0	72.3	0.0	0.0	0.4	0 0	0	4.7	14.7
		7/19/12	53.4	0 0	N/A	46.1	0.0	3.1	1.5	0 0	0	6.0	12.7
		10/9/12	58.9	0 0	N/A	40.8	0.0	1.3	1.7	0 0	0	4.2	17 2
		1/29/13	62.6	0 0	N/A	52.6	0.0	0.9	0.3	0 0	0	0.8	20.7
		5/1/13	52.8	0 2	N/A	51.0	1.0	0.5	0.4	0 0	0	0.3	20 0
		7/31/13	60.7	2 0	N/A	50.8	1.0	1.9	0.3	0 0	0	0.8	19 6
		11/15/13[7]	56.3	0 2	N/A	54.7	0.6	2.9	0.8	0 0	0	0.4	19.7
		2/21/14	72.3	0 0	N/A	52.8	0.0	1.2	0.6	0 0	0	0.1	20 9
		5/1/14	53.0	0.7	N/A	56.1	0.3	13.1	1.2	0 0	0	0.3	20 5
		8/8/14	61.1	0.1	N/A	50.9	0.6	1.5	0.7	0 0	0	0.6	20 3
		10/30/14	55.7	0 3	N/A	51.4	0.9	2.7	1.4	0 0	0	0.4	20 2
		2/5/15	55.2	0 6	0.0	56.5	0.6	0.9	1.4	0 0	0	0.1	20 5
		4/30/15	56.1	0 0	N/A	56.7	0.1	1.7	1.3	0 0	0	0.2	20.7
		7/27/15	57.8	0 0	N/A	65.4	0.1	0 0	1.2	0 0	0	0.9	20 5
		11/2/15	61.0	0 0	N/A	76.5	0.0	0 0	0.4	0 0	0	0.4	20 2
		1/26/16	57.8	0.1	N/A	51.6	0.0	0 0	0.0	0 0	0	0.0	20 9
		5/3/16	53.6	0 0	N/A	52.5	0.0	0 0	0.0	0 0	0	0.2	20.7
		7/29/16	51.2	0 0	N/A	51.4	0.1	0 0	0.3	0 0	0	0.4	20 0
		11/2/16	51.6	0 0	N/A	58.5	0.0	0 0	0.7	0 0	0	0.4	20.1
	21.5	4/5/11	50.2	0 0	N/A	50.2	0.0	18220	OVR	0 0	34	0.1	10.4
		8/9/11	54.2	0 0	N/A	48.0	0.0	NM	202	2.4	48	11.7	0 9
		11/14/11	56.8	0 0	N/A	64.7	0.0	NM	294	1 2	24	11.8	0 8
		1/27/12	52.0	0 0	N/A	48.2	0.0	6600	218	0 6	12	12.5	0 3
		4/20/12	67.0	0 0	0.0	68.0	0.0	1110	6.5	0 0	0	12.8	0.4
		7/19/12	47.6	0 0	N/A	53.2	0.0	69 0	3.0	0 0	0	13.8	1 3
		10/9/12	59.2	0 0	N/A	43.7	0.0	47 0	6.4	0 0	0	14.6	1.4
		1/29/13	52.6	0 0	N/A	51.9	0.0	1 0	0.3	0 0	0	1.8	20 2
		5/1/13	52.0	0 0	N/A	51.4	0.3	0 6	0.5	0 0	0	0.4	20 3
		7/31/13	57.2	0 0	N/A	54.4	0.0	1 0	0.3	0 0	0	0.5	20 3
		10/28/13	56.4	0 0	N/A	54.0	0.7	0 8	0.8	0 0	0	0.5	20 9
		2/21/14	55.2	0 0	N/A	54.3	0.1	240	5.1	0 0	0	0.2	20 8
		5/1/14	63.3	0 0	N/A	50.2	0.0	1.1	1.3	0 0	0	0.2	20.4
		8/8/14	58.6	0 0	N/A	53.9	0.0	0 9	0.7	0 0	0	0.5	20 5
		10/30/14	58.3	0 0	N/A	52.3	0.3	1 9	1.7	0 0	0	0.4	20 5
		2/5/15	52.5	0 0	N/A	55.8	0.0	0 3	1.3	0 0	0	0.1	20 5
		4/30/15	62.2	0 0	N/A	53.6	0.0	1 6	1.5	0 0	0	0.2	20.7
		7/27/15	79.5	0 0	N/A	68.2	0.2	0 0	1.4	0 0	0	0.1	20 8
		11/25/15[7]	55.4	0 0	N/A	60.6	0.0	0 0	0.4	0 0	0	0.2	20.7
		1/26/16	60.4	0 0	N/A	55.3	0.0	0 0	0.0	0 0	0	0.2	20 9
		5/3/16	50.3	0 2	N/A	50.2	0.0	0 0	0.0	0 0	0	0.1	20 8
		7/29/16	51.2	0 0	N/A	52.4	0.0	0 0	0.4	0 0	0	0.1	20.4
		11/2/16	52.8	0 0	N/A	55.5	0.1	0 0	0.5	0 0	0	0.3	20 3

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-13	29.5	4/5/11	63.9	0 0	N/A	47.9	0.0	50220	OVR	0 0	55	0.0	19 8
		8/9/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/14/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/30/12	51.7	0 0	N/A	91.8	0.0	12700	5964	1.1	23	12.6	0.6
		4/20/12	70.8	0 0	0.3	61.8	0.0	8700	1450	0 3	7	12.1	1.2
		7/19/12	56.3	0 0	N/A	50.9	0.0	13100	1850	0 3	7	13.5	1.3
		10/9/12	72.8	0 0	N/A	41.7	0.0	4400	780	0 5	9	15.0	1.3
		1/29/13	53.2	0 0	N/A	52.6	0.0	540	245	0 0	0	5.1	15 9
		5/1/13	51.3	0 0	N/A	51.1	0.2	38 3	17.2	0 0	0	2.3	17 5
		7/31/13	61.1	0 0	N/A	55.5	0.3	1.4	0.5	0 0	0	0.4	20 0
		10/28/13	94.0	2.1	N/A	52.0	3.8	0.3	0.7	0 0	0	0.5	19 9
		2/21/14	53.9	0 0	N/A	55.1	0.0	250	3.0	0 0	0	0.8	20 2
		5/1/14	58.8	0 0	N/A	53.5	0.0	3.1	2.0	0 0	0	0.5	20 2
		8/8/14	56.6	0.1	N/A	54.2	0.5	1.9	0.9	0 0	0	0.5	20.4
		10/30/14	53.5	0.1	N/A	52.2	0.4	2.4	1.6	0 0	0	0.4	20 3
		2/5/15	53.6	1 2	0.0	50.9	1.2	1 8	1.1	0 0	0	0.1	20 2
		4/30/15	53.2	0 0	N/A	51.1	0.0	2.1	1.5	0 0	0	0.2	20 5
		7/27/15	50.1	0 0	N/A	52.8	0.1	0 0	0.8	0 0	0	0.8	20 6
		11/2/15	61.7	0 0	N/A	75.4	0.1	0 0	0.4	0 0	0	0.4	20.1
		1/26/16	57.3	0 0	N/A	55.3	0.0	0 0	0.0	0 0	0	0.0	20 8
		5/3/16	50.5	0 0	N/A	51.1	0.1	0 0	0.2	0 0	0	0.2	20.7
		7/29/16	51.3	0 0	N/A	50.5	0.1	0 0	1.3	0 0	0	0.6	19.7
		8/29/16	65.7	0 0	N/A	57.9	0.0	10 0	10.7	0 0	0	0.6	20 2
		11/2/16	52.3	0 0	N/A	52.1	0.1	0 0	0.6	0 0	0	0.8	19 6
VMP-14	5	4/5/11	59.6	0 0	N/A	54.9	0.2	0 0	0.5	0 0	0	2.7	19 0
		8/8/11	59.0	1 0	N/A	61.5	1.0	49000	38.0	6 8	OVR	18.2	0.1
		11/14/11	61.1	0 0	N/A	62.7	0.0	NM	0.9	0 0	0	8.2	15.1
		1/26/12	50.6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/20/12	52.0	0 0	N/A	66.6	0.0	0 0	0.2	0 0	0	3.3	19 8
		7/23/12	52.0	0 0	N/A	70.2	0.0	2.1	2.0	0 0	0	9.0	9.1
		10/10/12	56.0	0 0	N/A	40.5	0.8	0 3	0.9	0 0	0	1.3	21.7
		1/31/13	50.8	0 0	N/A	46.0	0.6	1 8	0.3	0 0	0	0.1	21 3
		5/1/13	52.1	0 0	N/A	57.9	2.6	1 3	0.7	0 0	0	0.0	20.4
		8/13/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/11/13	56.1	0 0	N/A	55.9	0.4	0 3	0.5	0 0	0	0.3	20.1
		2/26/14	62.0	0 0	N/A	56.8	0.0	0 6	0.4	0 0	0	0.2	20 9
		5/1/14	56.9	0 0	N/A	55.4	0.0	1.4	0.9	0 0	0	0.4	20.7
		8/11/14	54.9	0 0	N/A	59.2	0.0	2.4	1.2	0 0	0	0.7	19 5
		10/30/14	85.1	0 0	N/A	54.1	0.1	1 9	1.4	0 0	0	0.3	20.7
		2/6/15	50.6	0 0	N/A	53.0	0.1	1 3	1.0	0 0	0	0.2	20.7
		4/30/15	59.7	0 0	N/A	52.4	0.0	2.7	1.2	0 0	0	0.2	20.7
		7/29/15	54.6	0 0	N/A	54.6	0.0	0 0	0.4	0 0	0	0.6	20.4
		11/2/15	52.5	0 0	N/A	51.6	0.0	0 0	0.3	0 0	0	0.1	20.4
		1/26/16	60.9	0 0	N/A	56.1	0.2	0 0	0.1	0 0	0	0.1	20 9
		5/3/16	52.1	0 0	N/A	53.5	0.0	0 0	0.2	0 0	0	0.3	20 6
		7/29/16	55.0	0 0	N/A	53.3	0.9	0 0	0.1	0 0	0	0.7	19.7
		11/2/16	55.5	0 0	N/A	55.1	0.8	0.4	0.5	0 0	0	0.2	20.1

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-14	11.5	4/5/11	90.0	0 0	N/A	49.8	0.0	766	119	0 3	6	12.0	8.6
		8/8/11	57.0	6 6	OVR	59.0	6.7	253000	104	OVR	OVR	16.3	0.3
		11/15/11	75.8	1 0	OVR	60.1	0.6	42000	103	9 2	OVR	14.2	2.2
		1/26/12	68.4	1 0	N/A	55.1	NS	NS	NS	NS	NS	NS	NS
		4/23/12	55.0	0 0	N/A	59.3	0.0	0.0	0.6	0 0	0	4.9	9.6
		7/25/12	59.3	0 0	N/A	65.9	0.0	22900	18.3	4 8	96	16.2	0.6
		10/10/12	67.8	0 0	N/A	53.5	0.0	0.5	0.7	0 0	0	8.2	19.1
		1/31/13	49.4	0 0	N/A	42.5	0.1	0.9	0.2	0 0	0	0.5	21 0
		5/1/13	53.1	0 0	N/A	50.3	0.2	0.6	0.5	0 0	0	0.3	20.4
		8/1/13	59.3	0 0	N/A	54.7	1.6	1.7	0.9	0 0	0	0.5	20 0
		11/11/13	56.6	0 0	N/A	50.4	0.3	0.5	0.5	0 0	0	0.3	20 3
		2/26/14	61.1	0 0	N/A	52.4	0.0	0.3	0.4	0 0	0	0.3	20 8
		5/1/14	55.5	0 0	N/A	56.7	0.0	1.2	1.7	0 0	0	0.5	20 6
		8/11/14	72.4	0 0	N/A	53.1	0.1	3 3	1.7	0 0	0	0.7	19 5
		10/30/14	81.6	0 0	N/A	51.4	0.0	1 6	1.6	0 0	0	0.4	20.7
		2/6/15	52.4	0 0	N/A	54.8	0.0	1.1	1.1	0 0	0	0.2	20 9
		4/30/15	53.5	0 0	N/A	61.6	0.0	2 0	1.5	0 0	0	0.3	20.7
		7/29/15	60.7	0 0	N/A	62.3	0.0	0 0	0.4	0 0	0	0.6	20 3
		11/2/15	51.2	0 0	N/A	53.2	0.0	0 0	0.3	0 0	0	0.1	20 5
		1/26/16	53.7	0 0	N/A	55.6	0.0	0 0	0.2	0 0	0	0.0	20 9
		5/3/16	52.6	2 9	0.0	51.0	2.1	0 0	0.2	0 0	0	0.3	20.1
		7/29/16	61.7	2 0	0.0	52.4	1.9	0 0	0.2	0 0	0	0.6	19 6
		11/2/16	51.5	1 5	N/A	53.2	1.2	0 6	0.6	0 0	0	0.1	20 2
	20	4/5/11	60.1	1 2	OVR	53.6	2.2	233000	857	OVR	OVR	16.5	0 3
		8/8/11	58.2	8 2	N/A	53.2	6.6	810000	351	OVR	OVR	15.4	0 2
		11/15/11	85.2	4 5	OVR	61.1	3.8	425000	297	OVR	OVR	17.1	1 3
		1/26/12	50.5	3 2	N/A	87.7	3.2	220000	1004	OVR	OVR	17.9	0.4
		4/20/12	56.6	1.1	84 2	63.3	1.3	136000	1049	84.8	OVR	15.0	0.7
		7/25/12	63.7	0.7	83 8	50.3	1.0	120000	365	83.5	OVR	15.8	0 8
		10/16/12	60.4	1 2	N/A	35.4	0.8	110000	775	75.4	OVR	18.0	1 0
		1/31/13	50.4	0 0	N/A	40.6	0.0	72200	1280	35.3	OVR	13.4	3.4
		5/1/13	51.9	0 9	7.1	52.1	0.7	26900	180	7 5	OVR	5.9	10 9
		8/1/13	73.1	0 0	N/A	59.8	0.7	1230	199	0 2	5	3.5	15 5
		11/11/13	54.8	0 0	N/A	56.0	0.0	340	66.9	0 2	4	9.5	5 8
		2/26/14	67.4	0 0	N/A	59.6	0.0	30 5	5.3	0 0	0	6.4	12.1
		5/1/14	54.2	0 0	N/A	52.2	0.2	31 3	4.9	0 0	0	4.8	14 3
		8/11/14	70.7	0 0	N/A	55.9	0.0	32.7	6.7	0 0	0	2.7	16 8
		10/30/14	68.3	0.1	N/A	62.8	2.4	12.4	8.7	0 0	0	6.2	11 5
		2/6/15	52.6	0 0	N/A	55.7	0.0	23 8	8.6	0 0	0	3.6	15 6
		4/30/15	56.1	0 0	N/A	59.9	0.0	7 2	2.2	0 0	0	2.0	17 9
		7/29/15	59.4	0 0	N/A	56.2	0.0	46 8	5.6	0 0	0	3.1	16.1
		11/2/15	55.2	0 0	N/A	57.2	0.0	16.4	26.3	0 0	0	2.5	16 6
		1/26/16	73.3	0 0	N/A	64.3	0.0	7 2	1.8	0 0	0	3.9	15.7
		5/3/16	51.1	0.1	N/A	50.1	0.1	NS	NS	0 0	0	3.8	14 9
		5/4/16	51.9	0 0	N/A	50.2	0.0	7 2	3.8	0 0	0	5.3	12.4
		7/29/16	57.6	0 0	N/A	52.6	0.0	7 2	0.7	0 0	0	3.6	15 5
		11/2/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-14	29	4/5/11	58.1	2.1	OVR	48.8	2.4	276000	1420	OVR	OVR	15.7	0.3
		8/8/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/15/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/26/12	55.2	3.1	N/A	42.3	2.5	233000	935	OVR	OVR	17.4	0.5
		4/20/12	56.4	1 0	OVR	55.7	1.1	170000	1482	OVR	OVR	14.8	0.8
		7/25/12	58.0	0 9	83 5	50.1	0.8	141000	500	83.8	OVR	15.2	0.9
		10/16/12	53.3	1 0	N/A	47.7	1.1	103000	935	82.0	OVR	16.8	1.1
		1/31/13	53.0	0 0	N/A	43.8	0.0	126000	1400	95.8	OVR	16.6	0.4
		5/2/13	51.0	0 0	N/A	52.0	1.1	320000	790	OVR	OVR	11.6	1.2
		8/1/13	76.4	0 0	N/A	63.1	1.0	38600	3880	32.4	OVR.	9.6	2.8
		11/11/13	52.1	0 0	N/A	56.0	0.0	5600	810	7.1	OVR	13.6	2.1
		2/26/14	58.0	0 0	N/A	50.0	2.5	2570	594	2 2	44	12.7	2.5
		5/1/14	55.2	0 0	N/A	56.3	0.0	1680	365	1 5	30	14.3	0.7
		8/11/14	56.0	0 0	N/A	55.5	0.0	233	68.4	1 0	2	13.2	1.5
		10/30/14	67.3	0 0	N/A	52.2	0.0	45.1	18.1	0 0	0	15.7	9.2
		2/6/15	52.7	0 0	N/A	54.3	0.0	5.6	2.0	0 0	0	6.2	12 5
		4/30/15	53.8	0 0	N/A	56.9	0.0	29 0	2.6	0 0	0	7.9	10 0
		7/29/15	55.8	0 0	N/A	61.3	0.0	2.3	0.9	0 0	0	7.0	10 3
		11/2/15	52.7	0 0	N/A	58.6	0.0	2.1	0.6	0 0	0	4.8	14 0
		1/26/16	72.4	0 0	N/A	57.7	0.0	341	0.8	0 0	0	13.1	3.7
		5/3/16	51.4	2.4	0.0	50.9	1.5	0 0	0.3	0 0	0	0.5	19 8
		7/29/16	65.5	1 9	0.0	57.8	1.3	0 0	0.2	0 0	0	0.6	18 6
		11/2/16	53.8	0 0	N/A	50.3	0.0	0 0	0.2	0 0	0	0.2	20.7
VMP-15	5	8/8/11	64.0	0 0	N/A	63.9	0.0	0 0	2.4	0 0	0	18.1	1 2
		11/15/11	82.0	0 0	N/A	55.4	0.0	0 0	1.6	0 0	0	11.4	7 3
		2/1/12	55.0	0 0	N/A	70.9	0.0	0 0	1.4	0 0	0	9.7	10 2
		4/24/12	53.7	0 0	N/A	73.7	0.0	301	6.3	0 0	0	11.4	4 2
		7/25/12	50.7	0 0	N/A	45.0	0.0	1 8	1.5	0 0	0	11.9	10 0
		10/25/12	55.4	0 0	N/A	54.0	0.0	0 9	0.6	0 0	0	8.3	12 5
		2/5/13	66.1	0 0	N/A	40.2	0.0	1 0	0.2	0 0	0	6.4	11 0
		5/9/13	76.3	0 0	N/A	75.4	0.0	15 2	0.7	0 0	0	4.0	8 8
		8/8/13	54.3	0 0	N/A	53.4	0.0	1 2	0.3	0 0	0	12.7	3 3
		11/11/13	73.5	0 0	N/A	70.1	0.1	0 5	0.4	0 0	0	9.3	6 6
		2/27/14	54.8	0 0	N/A	56.2	0.0	0.1	0.9	0 0	0	5.8	15 2
		5/5/14	63.3	0 0	N/A	59.0	0.1	0 0	2.0	0 0	0	4.2	12 8
		8/14/14	56.5	0 0	N/A	57.2	0.0	5 6	1.3	0 0	0	9.2	10 8
		11/6/14	53.5	0 0	N/A	53.5	0.1	1 9	2.0	0 0	0	4.1	12 2
		2/6/15	50.5	0 0	N/A	53.5	0.0	0.4	1.1	0 0	0	2.2	16 8
		5/4/15	53.3	0 0	N/A	60.1	0.0	1.1	1.4	0 0	0	3.8	14.7
		7/29/15	58.9	0 0	N/A	52.5	0.2	0 0	0.4	0 0	0	12.7	6 2
		11/4/15	59.9	0 0	N/A	64.9	0.0	0 0	0.7	0 0	0	5.3	15.4
		2/3/16	59.5	0 0	N/A	56.9	0.0	3393	3.7	0.4	8	4.8	15 5
		5/3/16	54.2	0 0	N/A	52.2	0.1	0 0	0.2	0 0	0	3.2	12.7
		8/2/16	56.4	0 0	N/A	55.1	0.0	0 0	0.2	0 0	0	8.1	12.4
		11/1/16	53.6	0 0	N/A	51.1	0.0	0 0	0.5	0 0	0	3.5	15.7

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-15	21.5	8/8/11	52.5	5 0	N/A	50.8	4.8	280000	43.5	31.0	OVR	17.4	0.2
		11/15/11	56.2	0.4	6.5	72.7	0.6	41500	106	6 9	OVR	16.5	0.7
		2/1/12	60.2	0 0	N/A	63.9	0.1	31200	144	6 3	OVR	18.1	0.5
		4/24/12	57.2	0 0	N/A	85.5	0.0	19500	575	1 8	36	17.1	0.6
		7/25/12	50.1	0 0	N/A	49.2	0.0	15900	50.0	2 5	53	15.7	1.8
		10/25/12	65.8	0 0	N/A	43.8	0.0	14700	41.3	1 9	37	3.2	5.9
		2/7/13	55.2	0 0	N/A	55.0	0.5	570	2.5	0.1	2	14.7	4.8
		5/15/13	57.7	0 3	7.4	47.4	0.7	40600	38.2	9 3	OVR	10.3	1.6
		8/8/13	59.0	1.1	N/A	70.7	0.8	64800	25.6	7 5	OVR	9.8	1.5
		11/11/13	58.1	0 0	N/A	52.1	0.1	2.7	0.6	0 0	0	14.0	1.0
		2/27/14	60.5	0 0	N/A	56.8	0.0	0.7	1.1	0 0	0	10.7	4.8
		5/5/14	56.9	0 0	N/A	51.4	0.2	1.7	1.8	0 0	0	7.8	6.4
		8/14/14	55.9	0 0	N/A	57.1	0.0	1090	2.3	0.1	2	11.3	1.2
		11/6/14	54.3	0 0	N/A	51.3	0.0	362	7.1	0.1	2	13.2	0.9
		2/6/15	50.6	0 0	N/A	51.8	0.0	1 5	1.7	0 0	0	10.8	3 6
		5/4/15	51.4	0 0	N/A	50.1	0.0	2.1	1.8	0 0	0	10.4	3.1
		7/29/15	54.1	0 6	N/A	54.5	0.7	54260	1.7	4 8	97	11.4	0 8
		11/4/15	58.1	0 0	N/A	57.8	0.0	0 0	0.8	0 0	0	5.2	15 5
		2/3/16	50.3	1.4	N/A	50.7	1.3	154000	1.5	14.6	OVR	21.2	0.4
		5/3/16	58.1	0 0	N/A	50.8	0.1	0 0	0.6	0 0	0	13.5	0 9
		8/2/16	53.8	0 8	OVR	61.9	0.9	137000	0.7	8 5	OVR	14.6	2.4
		11/1/16	53.0	0.7	N/A	53.1	1.1	45440	0.4	7 9	OVR	13.0	4 5
	25.5	8/8/11	57.3	4 3	N/A	57.5	8.6	67 2	11.9	0 0	0	13.9	4 8
		11/15/11	59.2	3 2	0.6	51.5	5.8	NM	80.7	0 6	13	7.1	10 6
		2/1/12	62.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/24/12[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/31/12	55.9	0 0	0.2	50.5	0.0	2450	25.5	0 2	4	3.2	18 8
		10/25/12	62.3	0.4	0.3	42.1	1.2	2030	22.0	0.4	7	5.2	13 5
		2/12/13	49.6	0 0	N/A	88.5	0.0	7000	55.0	1 5	30	13.2	4 6
		5/9/13	61.1	0 3	OVR	58.5	0.4	46400	44.8	11.6	OVR	13.6	1 8
		8/8/13	64.7	0.1	N/A	62.6	0.2	5330	19.8	0.4	8	8.2	8 6
		11/11/13	55.7	0 0	N/A	59.4	0.4	148	3.4	0 0	0	7.7	8 9
		2/27/14	55.2	0 0	N/A	59.2	0.1	9.4	1.7	0 0	0	6.7	11 8
		5/5/14	58.3	0 0	N/A	52.9	0.0	46 2	2.8	0 0	0	6.4	8 8
		8/14/14	51.2	0 0	N/A	49.4	0.0	2230	30.5	0 3	6	12.0	1 3
		11/6/14	54.2	0 0	N/A	52.4	1.0	200	15.0	0.1	1	13.8	1 3
		2/6/15	55.6	0 0	N/A	72.0	0.0	205	4.0	0 0	0	10.8	2 9
		5/4/15	60.3	0 0	N/A	52.5	0.0	2 2	1.6	0 0	0	12.7	4 0
		7/29/15	56.8	0.7	OVR	50.0	0.7	60910	4.6	5 8	OVR	14.0	1.1
		11/4/15	59.6	0 0	N/A	61.1	0.0	0 0	1.1	0 0	0	11.9	6.4
		2/3/16	61.0	1 8	N/A	50.2	1.4	151000	9.2	16.9	OVR	23.6	0 5
		5/3/16	51.2	0 0	N/A	52.3	0.1	8440	1.8	0.7	15	15.3	1.1
		8/2/16	58.0	2.4	OVR	58.9	2.2	166000	2.8	10.9	OVR	15.8	1.7
		11/1/16	59.3	2 3	N/A	52.5	2.1	176000	3.7	11.9	OVR	16.4	1.4

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-15	29	4/24/12[11]	52.1	5.1	0.3	NS	NS	NS	NS	NS	NS	NS	NS
		7/31/12	54.6	0 0	0.2	50.1	0.1	2300	29.5	0 2	5	3.5	18 5
		10/25/12	52.1	0.1	0.4	48.5	1.6	1340	23.0	0 3	6	4.1	14.1
		2/12/13	51.2	0 5	N/A	54.5	0.7	653	9.0	0.1	2	4.1	15 2
		5/9/13	58.7	2.4	0.2	53.9	1.5	236	4.5	0 0	0	4.1	6.9
		8/8/13	63.8	0.1	N/A	56.4	0.1	518	2.8	0 0	0	8.3	9.1
		11/11/13	58.7	0.1	N/A	60.1	0.7	73.1	1.5	0 0	0	6.6	10 3
		2/27/14	54.9	0 3	N/A	51.6	0.3	0.3	1.0	0 0	0	2.0	19 5
		5/5/14[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/14/14	56.0	NS	NS	48.7	NS	1310	18.2	0 2	NS	12.0	1.1
		11/6/14	69.7	0 0	N/A	52.7	0.0	308	14.0	0.1	1	14.1	0.8
		2/6/15	50.8	0 0	N/A	53.6	0.0	103	3.6	0 0	0	9.8	7.1
		5/4/15	53.5	0 0	N/A	57.1	0.0	2.0	1.7	0 0	0	12.2	4.7
		7/29/15	61.4	0 8	OVR	55.5	0.6	62780	4.7	6.1	OVR	13.7	1 2
		11/4/15	66.4	0 0	N/A	62.3	0.0	0 0	1.1	0 0	0	10.9	8.4
		2/3/16	70.7	1 5	N/A	51.6	1.6	137000	5.6	15.6	OVR	22.6	1 2
		5/3/16	50.9	0 0	N/A	51.2	0.2	2060	0.5	0 2	5	15.7	0 5
		8/2/16	57.3	1 8	OVR	51.5	1.1	155000	2.3	9 9	OVR	15.4	1 8
		11/1/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-16	5	8/5/11	52.3	2 3	3.0	57.3	4.9	OVR	221	20.7	OVR	12.7	1 9
		11/16/11[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/1/12[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/12	54.1	0 2	OVR	51.0	4.3	375000	81.5	OVR	OVR	14.0	2 0
		7/30/12	57.6	0 0	N/A	53.2	0.0	46000	141	OVR	OVR	20.3	0.1
		10/25/12	52.8	0 0	20.4	50.4	0.0	20100	279	22.2	OVR	15.0	1 5
		2/14/13	56.4	0 0	N/A	73.5	1.5	620	77.5	0 3	8	5.1	15 6
		4/23/13	55.7	0 0	N/A	61.6	1.1	720	280	1.1	22	9.9	11.4
		8/13/13	82.6	0.1	N/A	56.7	0.8	3.7	0.4	0 0	0	5.3	15 3
		11/15/13	54.9	0 0	N/A	55.5	0.1	1 0	1.2	0 0	0	4.2	13.7
		3/6/14	52.4	0 0	N/A	53.3	0.0	0 3	0.4	0 0	0	2.9	15 5
		5/2/14	53.4	0 0	N/A	59.9	0.0	1 8	1.6	0 0	0	2.4	18.7
		8/15/14	54.5	0 0	N/A	54.2	0.0	4 0	1.3	0 0	0	3.9	15 6
		11/7/14	55.5	0 0	N/A	50.8	0.1	0.7	0.6	0 0	0	2.2	17.4
		2/11/15	61.2	0 0	N/A	53.2	0.0	0.4	1.0	0 0	0	1.1	19.1
		5/7/15	51.8	0 0	N/A	52.4	0.0	0.1	1.7	0 0	0	4.1	12.7
		7/31/15	55.5	0 0	N/A	52.0	0.0	0 0	0.5	0 0	0	3.3	16 6
		11/4/15	50.6	0 0	N/A	52.6	0.2	0 0	0.4	0 0	0	1.2	19.1
		2/3/16	50.2	0 0	N/A	54.8	0.1	0 0	0.3	0 0	0	0.5	20 9
		5/4/16	54.6	0 0	N/A	51.7	0.2	0 0	0.7	0 0	0	0.9	20 2
		8/3/16	52.8	0 0	N/A	50.7	0.4	0 0	0.0	0 0	0	1.8	18.4
		10/31/16	68.8	0 0	N/A	54.0	0.0	0 0	0.4	0 0	0	3.2	16 3

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-16	13.5	8/5/11	67.8	9 6	1.0	61.5	6.6	70800	32.1	32.4	OVR	13.9	2.0
		11/16/11[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/1/12[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/12	63.1	8 9	OVR	50.1	10.1	OVR	50.0	OVR	OVR	14.1	1.3
		7/30/12	64.0	0 0	N/A	53.5	6.4	666000	53.0	OVR	OVR	16.4	0.6
		10/25/12	51.7	4 9	OVR	48.8	7.3	544000	99.0	OVR	OVR	15.5	1.6
		2/14/13	57.5	2.7	N/A	47.5	2.5	168000	180	OVR	OVR	13.8	1.4
		4/23/13	53.6	5 6	OVR	58.3	5.5	510000	112	OVR	OVR	13.6	1.1
		8/13/13	75.9	0 0	N/A	52.8	0.6	45400	350	OVR	OVR	16.8	1.5
		11/15/13	55.2	0 0	N/A	55.9	0.1	42700	657	OVR	OVR	14.3	0.9
		3/6/14	57.4	0 0	N/A	50.1	0.0	39980	502	72.6	OVR	12.6	1.0
		5/2/14	62.4	0 0	N/A	53.3	0.0	28700	555	72.7	1454	14.7	0.8
		8/15/14	51.7	0 0	N/A	50.3	0.0	34160	654	OVR	OVR	15.8	1.1
		11/7/14	51.5	0 0	N/A	54.5	0.0	44200	821	94.4	OVR	14.9	1.9
		2/11/15	59.6	0 0	N/A	51.2	0.0	16200	1176	54.0	OVR	12.6	0 2
		5/7/15	50.5	0 0	N/A	50.9	0.0	24600	623	47.7	OVR	13.5	1 9
		7/31/15	56.5	0 0	N/A	60.6	0.0	18240	640	58.3	OVR	16.4	0 6
		11/4/15	58.4	0 0	N/A	54.6	0.0	14680	786	55.8	OVR	15.4	0 0
		2/3/16	52.9	0 0	N/A	52.2	0.0	8470	920	12.1	OVR	12.8	2 3
		5/4/16	51.4	0 0	N/A	52.6	0.0	10400	745	11.4	OVR	15.4	0 9
		5/25/16	63.3	0 0	N/A	52.1	0.0	9310	641	7.7	OVR	14.4	1.7
		8/3/16	51.9	0 0	N/A	51.9	0.0	22340	391	18.9	OVR	16.5	0 0
		10/31/16	54.4	0 0	N/A	50.6	0.0	25490	490	32.8	OVR	17.1	1 3
	19	8/5/11	57.2	7.7	3.6	41.6	13.3	1800	171	0 3	6	4.7	15.7
		11/16/11[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/1/12[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/12	65.0	9 6	OVR	58.5	12.6	OVR	53.4	OVR	OVR	14.3	0.7
		7/30/12	61.2	0 0	N/A	55.0	3.9	OVR	50.5	OVR	OVR	15.7	0 3
		10/25/12	52.3	7 9	OVR	68.4	9.4	583000	100 0	OVR	OVR	15.0	1 5
		2/14/13	42.3	7 0	N/A	60.3	2.6	605000	77.3	OVR	OVR	13.9	1.4
		4/23/13	51.1	4 5	OVR	55.2	4.2	620000	130	OVR	OVR	13.4	2.4
		8/13/13	75.4	2 9	OVR	51.3	3.8	196000	135	OVR	OVR	13.9	1.7
		11/15/13	58.9	1 9	N/A	49.8	2.1	114000	334	OVR	OVR	16.4	0 5
		3/6/14	74.8	0.7	N/A	56.3	1.1	80230	310	OVR	OVR	13.3	1.1
		5/2/14	67.7	0 6	N/A	61.1	0.1	74600	272	84.2	1684	13.2	3 3
		8/15/14	53.9	0.1	N/A	50.1	0.3	64540	417	OVR	OVR	15.3	1 0
		11/7/14[9]	56.5	0 0	N/A	51.1	0.4	58200	565	75.5	OVR	15.5	2 0
		12/2/14	56.5	0 0	N/A	53.0	0.0	38400	696	76.4	OVR	16.2	0 5
		2/11/15	57.0	0 0	N/A	53.1	0.0	41100	650	68.0	OVR	17.0	0.1
		5/7/15	53.7	0 0	N/A	53.1	0.0	37700	512	48.9	OVR	13.7	1.7
		7/31/15	54.4	0 0	N/A	60.3	0.0	24620	485	44.2	OVR	16.1	0 6
		11/4/15	55.6	0 0	N/A	54.2	0.2	28350	561	78.1	OVR	17.4	0 0
		2/3/16	57.2	0 0	N/A	51.8	0.0	26660	769	41.5	OVR	15.6	1 0
		5/4/16	52.1	0 0	N/A	56.7	0.0	31200	642	34.1	OVR	14.8	2 5
		8/3/16	51.6	0 0	N/A	52.5	0.2	30330	375	30.3	OVR	16.0	0 0
		10/31/16	57.2	0 0	N/A	54.8	0.0	25340	513	45.7	OVR	17.6	0.4

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-16	31	11/16/11[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/1/12[13]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/12	67.0	10.5	OVR	51.5	11.9	OVR	58.5	OVR	OVR	14.0	1.0
		7/30/12	55.4	11.0	N/A	50.3	8.1	OVR	48.9	OVR	OVR	15.6	0.0
		10/25/12	51.9	9 5	OVR	50.1	9.5	933000	83.0	OVR	OVR	15.5	1.6
		2/18/13[7]	54.0	9 8	OVR	48.9	7.9	917000	61.3	OVR	OVR	14.7	1.0
		4/23/13	51.6	5.7	OVR	54.2	5.9	948000	133	OVR	OVR	13.8	1.2
		8/13/13	62.7	4 6	OVR	54.3	3.8	260000	127	OVR	OVR	12.7	2.2
		11/15/13	56.0	2 0	N/A	61.4	1.7	104000	278	82.1	OVR	16.2	1.7
		3/6/14	55.0	3.4	OVR	51.2	2.0	131000	248	OVR	OVR	14.6	1.4
		5/2/14	63.1	2.1	OVR	72.1	2.0	152000	179	52.9	1058	7.7	11.1
		8/15/14	50.9	0 9	N/A	50.1	1.0	88720	327	OVR	OVR	14.8	1.3
		11/7/14	54.7	0.4	N/A	53.8	0.3	86600	393	81.1	OVR	18.0	1.2
		2/11/15	55.3	0.7	95 5	55.5	0.5	83500	366	89.5	OVR	16.0	0.1
		5/7/15	51.4	0 5	N/A	54.7	0.6	75500	361	70.6	OVR	13.7	1.8
		7/31/15	60.6	0 0	N/A	59.3	0.1	35410	333	44.5	OVR	15.5	0.6
		11/4/15	55.2	0 0	N/A	56.9	0.1	44510	358	62.1	OVR	18.6	0 0
		2/3/16	50.5	0 0	N/A	54.6	0.0	45990	511	51.7	OVR	17.7	0 3
		5/4/16	54.2	0 0	N/A	52.6	0.0	54300	444	48.5	OVR	15.2	0 9
		8/3/16	51.2	0.1	N/A	53.7	0.1	56630	287	32.6	OVR	15.7	0 0
		10/31/16	59.8	0 3	N/A	52.6	0.4	78870	170	58.3	OVR	17.7	1.4
VMP-17	5	4/6/11	62.5	0 0	0.1	33.6	0.0	3 9	0.7	0.1	2	2.8	17.1
		8/1/11	52.8	0 0	N/A	31.8	0.0	0 0	5.0	0 0	0	6.6	13 5
		11/7/11	60.7	0 0	N/A	61.0	0.0	NM	0.0	0 0	0	3.6	17 0
		1/26/12	53.4	0 0	N/A	52.8	0.0	1 9	1.1	0 0	0	3.0	17 5
		4/11/12	55.1	0 0	N/A	71.9	0.1	1 5	0.4	0 0	0	1.3	20 0
		7/11/12	81.2	0 0	0.0	64.2	0.0	2 2	0.8	0 0	0	0.5	20 2
		10/9/12	52.8	0 0	0.0	41.4	0.1	2 0	1.4	0 0	0	0.6	20.4
		1/31/13	64.5	0 0	N/A	61.4	0.2	2 8	0.4	0 0	0	0.2	21.1
		5/1/13	63.4	0 0	N/A	69.8	0.3	1.4	0.5	0 0	0	0.4	20 6
		7/29/13	69.2	0 0	N/A	57.7	0.1	2.7	0.6	0 0	0	0.2	20.4
		11/8/13	69.5	0 0	N/A	56.3	0.1	2 8	0.3	0 0	0	0.2	20 6
		2/11/14	55.0	0 0	N/A	54.8	0.0	1 3	0.9	0 0	0	0.0	20 9
		4/22/14	56.9	0 0	N/A	56.1	0.2	2 3	0.9	0 0	0	0.5	20 2
		7/31/14	56.0	0 0	N/A	52.6	0.0	1 2	1.1	0 0	0	0.4	20.4
		10/30/14	80.4	0 0	N/A	65.3	0.0	2 2	0.7	0 0	0	0.4	20.7
		2/4/15	56.7	0 0	N/A	52.0	0.0	0 6	0.3	0 0	0	0.2	20 6
		5/1/15	54.1	0 0	N/A	64.2	0.0	1 2	0.5	0 0	0	0.4	20.4
		7/28/15	59.6	0 0	N/A	63.6	0.0	0 0	0.4	0 0	0	0.5	20 2
		10/29/15	56.9	0 0	N/A	50.4	0.1	0 0	0.4	0 0	0	0.1	20 9
		2/2/16	53.5	0 0	N/A	53.3	0.0	0 0	0.0	0 0	0	0.1	20 9
		5/2/16	50.9	0 0	N/A	51.4	0.4	0 0	0.3	0 0	0	0.4	20.7
		7/25/16	51.9	0 0	N/A	52.9	0.0	0 0	0.8	0 0	0	0.9	19.1
		10/31/16	52.5	0 0	N/A	56.5	0.0	0 0	0.7	0 0	0	0.3	20.4

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-18	8.5	4/7/11	58.1	0.1	N/A	61.3	0.4	14 0	1.0	0 0	0	6.4	13.1
		7/28/11	54.2	0 0	N/A	70.7	0.0	0.0	5.6	0 0	0	8.3	12 5
		11/7/11	51.4	0 0	N/A	52.8	0.0	NM	0.0	0 0	0	8.2	13 3
		1/23/12	56.1	0 0	N/A	52.0	0.0	0.0	0.2	0 0	0	5.7	16.1
		4/10/12	67.9	0 0	N/A	57.9	0.1	1.8	0.6	0 0	0	5.4	17.4
		7/12/12	51.6	0 0	0.0	48.1	0.0	4.1	1.5	0 0	0	4.6	18.4
		10/9/12	55.4	0 0	0.0	43.4	0.0	1.3	1.1	0 0	0	4.7	18 3
		1/23/13	54.0	0 0	N/A	53.0	0.0	0.5	0.3	0 0	0	1.3	20.1
		5/1/13	61.2	0 0	N/A	56.8	0.2	0.7	0.4	0 0	0	0.8	19.7
		7/29/13	55.4	0 0	N/A	44.7	0.0	2.7	0.8	0 0	0	1.7	19 5
		10/25/13	51.2	0 0	N/A	56.6	0.0	3.1	0.8	0 0	0	0.4	20 8
		2/6/14	54.8	0 0	N/A	55.2	0.0	1.4	0.5	0 0	0	0.3	20 8
		4/22/14	53.3	0 0	N/A	56.5	0.1	2.9	1.1	0 0	0	0.4	19 9
		7/31/14	54.8	0 0	N/A	51.1	0.0	0.6	0.8	0 0	0	1.4	19 2
		11/3/14	55.4	0 0	N/A	50.1	0.5	0.7	0.5	0 0	0	1.0	20.4
		2/4/15	51.8	0 0	N/A	52.7	0.0	0 3	0.7	0 0	0	0.4	20 6
		5/1/15	55.2	0 0	N/A	65.6	0.0	1.4	1.0	0 0	0	1.1	18 9
		7/28/15	53.4	0 0	N/A	67.0	0.0	0 0	0.7	0 0	0	2.4	19.1
		10/29/15	51.8	0 0	N/A	56.5	0.0	0 0	0.4	0 0	0	0.7	20 6
		2/2/16	57.2	0 0	N/A	52.9	0.0	0 0	0.0	0 0	0	0.7	20.4
		5/5/16	53.8	0 0	N/A	57.8	0.0	0 0	0.6	0 0	0	2.4	19.1
		7/25/16	57.3	0 0	N/A	53.6	0.0	0 0	0.7	0 0	0	1.9	18 3
		10/25/16	54.2	0 0	N/A	52.3	0.0	0 0	0.9	0 0	0	1.9	19 9
VMP-19	5	8/9/11	57.1	0 0	N/A	59.3	0.3	NM	5.0	0 0	1	9.8	10 3
		11/8/11	75.8	0 0	N/A	54.7	0.0	0 0	0.3	0 0	0	6.5	14 3
		1/26/12	89.6	0 0	N/A	69.1	0.0	1 9	0.4	0 0	0	5.0	15.4
		4/10/12	59.5	0 0	N/A	72.7	0.3	1 9	0.6	0 0	0	2.2	19 8
		7/11/12	54.5	0 0	0.0	60.0	0.0	3.7	1.3	0 0	0	0.8	20 3
		10/9/12	54.3	0 0	0.0	53.4	0.1	1 2	1.2	0 0	0	0.5	20.7
		1/31/13	65.4	0 0	N/A	48.7	0.0	3.1	0.5	0 0	0	0.2	21 3
		4/30/13	51.2	0 0	N/A	49.6	0.2	2.7	0.7	0 0	0	0.2	20.4
		7/31/13	78.9	0 0	N/A	54.9	0.1	2 8	0.2	0 0	0	0.3	19 9
		10/25/13	53.6	0 0	N/A	52.7	0.3	3 3	0.5	0 0	0	0.1	21.1
		2/6/14	70.7	0 0	N/A	49.7	0.1	1 2	0.4	0 0	0	0.1	20 9
		4/22/14	53.1	0 0	N/A	50.9	0.2	3.4	1.0	0 0	0	0.2	20 6
		7/31/14	53.1	0.1	N/A	53.1	0.0	2 0	1.4	0 0	0	0.3	20 5
		11/3/14	60.0	0 0	N/A	51.0	0.3	1 2	1.2	0 0	0	0.2	20 9
		2/4/15	53.5	0 0	N/A	54.1	0.0	0 5	0.8	0 0	0	0.7	20 5
		5/1/15	52.3	0 0	N/A	61.4	0.1	1 9	0.5	0 0	0	0.3	20 3
		7/28/15	56.8	0 0	N/A	57.4	0.0	2 3	2.2	0 0	0	0.3	20 2
		10/26/15	54.3	0 0	N/A	53.7	1.2	0 0	0.6	0 0	0	0.1	20 9
		2/2/16	56.2	0 0	N/A	54.8	0.0	0 0	0.0	0 0	0	0.1	20 9
		5/6/16	51.6	0 0	N/A	57.3	1.4	0 9	0.4	0 0	0	0.0	20.4
		7/28/16	65.0	0 0	N/A	65.0	0.0	4.4	1.6	0 0	0	0.8	20.4
		10/25/16	54.1	0 0	N/A	52.1	0.2	0 0	0.7	0 0	0	0.1	20 9

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-20	5	4/15/11	52.0	0 0	N/A	80.0	0.0	NM	0.2	0 0	0	8.7	8.9
		7/25/11	52.4	0 0	N/A	51.0	0.0	0.0	0.4	0 0	0	14.9	6.9
		11/1/11	70.0	0 0	N/A	58.4	0.0	NM	0.6	0 0	0	8.3	13 6
		1/23/12	58.4	0 0	N/A	56.8	0.1	0.5	0.1	0 0	0	4.5	16 9
		4/10/12	74.5	0 0	0.0	76.6	0.0	1.6	0.6	0 0	0	6.1	16 0
		7/11/12[9]	57.7	0 0	N/A	61.5	0.2	2.2	1.0	0 0	0	10.2	11 9
		7/31/12	51.4	0 0	N/A	68.4	0.0	13 2	1.1	0 0	0	10.5	11 2
		10/4/12	63.4	0 0	0.0	49.0	0.0	0.8	0.4	0 0	0	6.4	15 5
		1/22/13	76.2	0 0	N/A	58.5	0.1	0.5	0.3	0 0	0	2.8	8.9
		2/7/13[9]	76.2	0 0	N/A	58.5	0.0	0.5	0.3	0 0	0	3.9	17 6
		4/19/13	85.2	1 3	N/A	79.5	2.3	0.2	0.5	0 0	0	3.6	17.4
		7/23/13	55.9	0 0	N/A	60.1	0.2	0.0	0.5	0 0	0	11.9	9.0
		11/1/13	57.2	0 0	N/A	51.2	0.0	1.1	0.4	0 0	0	5.9	16.1
		2/10/14	49.7	0 0	N/A	54.7	0.2	0.3	0.8	0 0	0	2.0	19 2
		4/21/14	76.7	0 0	N/A	68.1	0.1	1.1	1.2	0 0	0	3.9	16 8
		7/25/14	64.2	0 0	N/A	51.9	0.1	1 0	0.8	0 0	0	9.9	12 2
		10/27/14	59.9	0 0	N/A	53.5	0.0	0.4	2.5	0 0	0	7.9	12.7
		1/27/15	85.0	0 0	N/A	51.6	0.0	1 6	0.9	0 0	0	1.6	19 9
		4/27/15	63.3	0 0	N/A	67.5	3.3	1.7	0.5	0 0	0	2.4	17 8
		7/20/15	53.8	0 0	N/A	59.9	0.0	0 0	0.1	0 0	0	10.2	11.4
		10/20/15	53.7	0 0	N/A	49.1	0.0	0 0	0.5	0 0	0	4.2	17 2
		2/16/16	65.7	0 0	N/A	57.9	0.0	0 0	0.4	0 0	0	1.2	18 9
		4/25/16	63.2	0 0	0.0	62.7	0.0	0 0	0.3	0 0	0	3.4	17.4
		7/22/16	59.3	0 0	N/A	51.9	0.0	0 0	0.6	0 0	0	10.4	10 3
		10/26/16	53.2	0 0	N/A	51.1	0.1	0 0	0.7	0 0	0	9.9	13 0
	10	4/15/11	56.0	0 0	N/A	94.3	0.0	NM	5.0	0 0	0	8.4	8 5
		7/25/11	56.2	0 0	N/A	51.6	0.0	0 0	2.6	0.1	0	8.2	7 0
		11/1/11	68.9	0 0	N/A	51.1	0.0	NM	0.6	0 0	0	8.6	9 6
		1/23/12	61.3	0 0	N/A	58.2	0.1	0 0	0.1	0 0	0	6.2	14.7
		4/10/12	61.8	0 0	0.0	72.6	0.0	1 6	0.6	0 0	0	6.3	13 3
		7/11/12	52.4	0 0	N/A	60.4	0.0	1.4	1.0	0 0	0	7.8	13 2
		10/4/12	60.0	0 0	0.0	49.7	0.0	0 9	0.6	0 0	0	8.0	14 0
		1/22/13	69.8	0 0	N/A	69.7	0.2	0 9	0.2	0 0	0	4.1	19 2
		4/19/13	53.0	0.1	N/A	56.4	0.4	0 2	0.4	0 0	0	3.9	17 6
		7/23/13	57.4	0 0	N/A	52.2	0.2	0 0	0.6	0 0	0	9.2	12.4
		11/1/13	53.1	0 0	N/A	55.0	0.0	1 0	0.5	0 0	0	8.5	14 3
		2/10/14	51.8	0 0	N/A	50.7	0.1	0 3	1.2	0 0	0	3.3	18 3
		4/21/14	56.7	0 0	N/A	52.2	0.2	1.4	1.1	0 0	0	4.4	16 3
		7/25/14	55.2	0 0	N/A	55.3	0.0	1 5	1.2	0 0	0	12.1	9 9
		10/27/14	52.9	0 0	N/A	52.9	0.1	0.7	3.5	0 0	0	8.4	13 0
		1/27/15	53.0	0 0	N/A	50.0	0.0	1 3	1.1	0 0	0	3.1	18 9
		4/27/15	52.7	0 0	N/A	63.3	0.2	1 5	0.6	0 0	0	4.0	16 6
		7/20/15	54.5	0 0	N/A	57.5	0.0	0 0	0.1	0 0	0	12.3	7 9
		10/20/15	51.2	0 0	N/A	49.5	0.0	0 0	0.6	0 0	0	7.3	15.1
		2/16/16	57.7	0 0	N/A	54.6	0.0	0 0	0.4	0 0	0	2.5	18.4
		4/25/16	61.5	0 0	0.0	64.4	0.0	0 0	0.4	0 0	0	4.2	15 9
		7/22/16	51.2	0 0	N/A	53.4	0.0	0 0	0.5	0 0	0	7.3	13 9
		10/26/16	54.7	0 0	N/A	50.7	0.0	0 0	0.6	0 0	0	11.1	11 3

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-20	25	4/15/11	52.0	0 0	N/A	60.4	0.0	NM	2.5	0.1	1	10.5	2.1
		7/26/11	51.8	0.1	N/A	39.8	0.0	4200	114	1 0	20	8.6	1.0
		11/1/11	51.5	0 0	N/A	53.0	0.0	NM	0.5	0 0	0	9.3	2.2
		1/23/12	63.8	0 0	N/A	56.2	0.0	0.0	0.2	0 0	0	0.1	21 0
		4/10/12	65.9	0 0	0.0	80.0	0.0	3.0	0.5	0 0	0	7.4	8.3
		7/11/12	51.5	0 0	N/A	50.0	0.0	2.0	1.1	0 0	0	6.9	10.4
		10/4/12	63.8	0 0	0.0	39.0	0.0	2.2	0.9	0.1	2	6.8	13.1
		1/22/13	52.5	0 0	N/A	37.2	0.0	0.2	0.2	0 0	0	6.7	15 8
		4/19/13	55.9	0 0	N/A	64.6	0.0	0.2	0.8	0 0	0	4.4	17 5
		7/23/13	52.3	0 0	N/A	47.1	0.3	0.2	0.5	0 0	0	3.9	16 3
		11/1/13	77.6	0 0	N/A	51.8	1.3	0.9	0.5	0 0	0	6.6	14.7
		2/10/14	54.9	0 0	N/A	49.7	0.7	0.5	1.4	0 0	0	4.4	17 8
		4/21/14	54.3	0 0	N/A	56.9	0.0	1.1	1.3	0 0	0	4.0	18 0
		7/25/14	54.8	0 0	N/A	60.1	0.0	0 9	1.4	0 0	0	4.5	16 0
		10/27/14	51.8	0 0	N/A	50.2	0.0	0 3	2.3	0 0	0	5.9	14 8
		1/27/15	56.7	0 0	N/A	51.3	0.0	0 8	1.1	0 0	0	4.2	17 9
		4/27/15	52.4	0 0	N/A	54.9	0.0	1 2	0.7	0 0	0	2.7	18 6
		7/20/15	54.7	0 0	N/A	57.9	0.0	0 0	0.0	0 0	0	4.3	15.4
		10/20/15	52.1	0 0	N/A	47.8	0.0	0 0	0.5	0 0	0	5.9	15 8
		2/2/16	70.7	0 0	N/A	51.6	0.0	0 0	0.2	0 0	0	3.5	18.1
		4/25/16	72.5	0 0	0.0	57.4	0.0	0 0	0.4	0 0	0	2.7	18 6
		7/22/16	55.3	0 0	N/A	53.4	0.0	0 0	0.4	0 0	0	1.7	18.4
		10/26/16	54.9	0 0	N/A	51.2	0.0	0 0	0.4	0 0	0	5.9	14 5
	39.5	7/26/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/1/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/10/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/12/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/31/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/4/12	62.9	0 0	0.0	45.7	0.0	3000	184	1 2	26	9.4	2 2
		1/23/13	56.4	0 0	N/A	33.5	0.0	850	110	0 5	11	9.7	2 0
		4/19/13	52.2	0 0	N/A	64.5	0.0	107	360	0.4	8	10.2	1 6
		7/23/13	55.8	0 0	N/A	54.3	0.2	480	79.9	3 0	7	9.6	1 5
		11/1/13	52.3	0 0	N/A	50.9	0.0	270	31.2	0.1	2	11.9	0.7
		2/10/14	50.6	0 0	N/A	56.7	0.0	74 9	25.0	0.1	2	11.2	1 0
		4/21/14	53.1	0 0	N/A	51.1	0.0	136	27.1	0.1	2	20.9	0.7
		7/25/14	63.8	0 0	N/A	55.7	0.0	589	146	0.4	8	9.7	1 9
		10/27/14	50.8	0 0	N/A	52.5	0.1	15 5	5.3	0 0	0	9.7	1.7
		1/27/15	56.9	0 0	N/A	51.5	0.0	1 8	1.2	0 0	0	10.2	2 6
		4/27/15	55.8	0 0	N/A	59.5	0.0	1.7	0.8	0 0	0	9.5	2.4
		7/20/15	58.9	0 0	N/A	63.2	0.0	0 0	1.6	0 0	0	9.5	1 5
		10/20/15	50.9	0 0	N/A	49.9	0.1	0 0	0.6	0 0	0	8.0	8 3
		2/2/16	52.1	0 0	N/A	55.8	0.0	0 0	0.0	0 0	0	7.2	15 9
		4/25/16[11]	63.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/22/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-21	5	4/13/11	70.1	0 0	N/A	52.8	0.2	0.0	0.9	0 0	0	1.9	16 9
		7/25/11	55.4	0 0	N/A	49.7	0.0	0.0	3.7	0 0	0	14.5	7.1
		11/1/11	77.6	0 0	N/A	47.8	0.0	NM	0.6	0 0	0	4.5	17.1
		1/23/12	58.6	0 0	N/A	62.1	0.0	0.0	0.2	0 0	0	1.5	19 8
		4/9/12[9]	60.7	0.7	0.0	74.0	0.0	1.2	0.8	0 0	0	2.8	16 3
		4/24/12	64.2	0 0	N/A	55.9	0.2	4.3	0.7	0 0	0	3.2	16.7
		7/10/12	55.2	0 0	N/A	50.0	0.0	2.2	0.6	0 0	0	8.3	13 3
		10/4/12	55.6	0 0	0.0	48.1	0.0	0.9	0.5	0 0	0	4.1	16 9
		2/6/13	50.5	0 0	N/A	60.3	0.1	1.3	0.2	0 0	0	1.0	20.1
		5/10/13	56.5	0 0	N/A	53.5	0.0	1.1	0.2	0 0	0	0.1	20.4
		7/23/13	53.3	0 0	N/A	54.0	0.2	0.4	0.7	0 0	0	8.2	12 9
		10/21/13	72.5	0 0	N/A	76.0	0.2	1.2	1.0	0 0	0	3.0	18.7
		2/24/14	60.0	0 0	N/A	59.0	0.0	1.3	0.7	0 0	0	0.5	20 6
		4/21/14	57.1	0 0	N/A	51.5	0.2	1.1	0.6	0 0	0	1.0	19 3
		7/28/14	63.1	0 0	N/A	54.6	0.0	2.6	1.5	0 0	0	4.7	16 2
		10/27/14	50.2	0 0	N/A	61.3	0.3	1 0	1.3	0 0	0	0.2	20 8
		1/27/15	54.2	0 0	N/A	53.0	0.0	1 5	1.1	0 0	0	0.6	20.7
		4/27/15	59.6	0 0	N/A	55.0	0.0	1 3	0.5	0 0	0	1.6	19 5
		7/20/15	58.9	0 0	N/A	61.4	0.0	0 0	0.1	0 0	0	4.8	17.1
		10/23/15	51.1	0 0	N/A	53.1	0.0	0 0	0.4	0 0	0	0.7	20 5
		1/26/16	61.2	0 0	N/A	70.9	0.0	0 0	0.0	0 0	0	0.4	20 8
		4/27/16	55.3	0 0	N/A	56.1	0.0	0 0	0.6	0 0	0	1.5	19 2
		7/26/16	55.6	0 0	N/A	52.8	0.0	0 0	0.1	0 0	0	3.6	12.4
		10/24/16	67.9	0 0	N/A	59.7	0.0	0 0	0.6	0 0	0	1.5	20.1
	10	4/13/11	65.2	0 0	N/A	57.7	0.4	263	40.2	0.1	3	6.7	8 3
		7/25/11	55.0	0 0	N/A	49.2	0.3	0 0	3.7	0 0	0	7.5	8.1
		11/1/11	60.7	0 0	N/A	50.1	0.0	NM	0.6	0 0	0	8.0	12.7
		1/23/12	59.0	0 0	N/A	61.8	0.1	0 0	0.2	0 0	0	5.6	16 2
		4/9/12	61.5	0 0	0.0	61.0	0.0	1 5	1.0	0 0	0	4.5	16 2
		7/10/12	71.4	0 0	N/A	58.6	0.0	3.1	0.7	0 0	0	6.1	13.1
		10/4/12	50.9	0 0	0.0	47.2	0.1	3 2	0.9	0 0	0	6.5	14.7
		2/5/13	60.7	0 0	N/A	48.3	0.0	0 8	0.2	0 0	0	3.8	17.7
		5/10/13	65.9	0 0	N/A	61.2	0.1	0.7	0.3	0 0	0	0.4	20.4
		7/23/13	50.8	0 0	N/A	51.7	0.4	0.1	0.7	0 0	0	4.6	13.4
		10/21/13	52.6	0 0	N/A	60.4	0.0	0 6	1.0	0 0	0	6.6	15.7
		2/24/14	54.3	0 0	N/A	51.9	0.0	1.4	0.9	0 0	0	2.5	19 2
		4/21/14	72.8	0 0	N/A	50.2	0.0	1.1	0.5	0 0	0	2.3	18.7
		7/28/14	62.1	0 0	N/A	53.7	0.0	2 5	1.3	0 0	0	4.9	14.7
		10/27/14	50.9	0 0	N/A	56.6	0.3	0 3	1.2	0 0	0	5.5	16 2
		1/27/15	65.8	0 0	N/A	57.5	0.0	1 0	0.9	0 0	0	2.1	19 2
		4/27/15	56.8	0 0	N/A	61.6	0.0	1 2	0.6	0 0	0	1.9	18 5
		7/20/15	56.0	0 0	N/A	57.4	0.0	0 0	0.1	0 0	0	4.9	15 0
		10/23/15	65.8	0 0	N/A	50.9	0.5	0 0	0.6	0 0	0	2.8	18 8
		1/26/16	61.5	0 0	N/A	61.5	0.0	0 0	0.0	0 0	0	2.0	18.7
		4/27/16	53.7	0 0	N/A	54.6	0.0	0 0	0.6	0 0	0	2.0	18 9
		7/26/16	56.8	0 0	N/A	53.0	0.0	0 0	0.1	0 0	0	3.6	16 2
		10/24/16	54.0	0 0	N/A	55.6	0.0	0 0	0.6	0 0	0	3.8	18 2

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-21	25	4/13/11	55.0	0 0	N/A	66.0	0.2	102000	459	OVR	OVR	6.3	0.5
		7/26/11	61.6	0 0	N/A	59.2	0.4	102000	399	OVR	OVR	6.2	0.1
		11/1/11	65.7	0 0	N/A	64.7	0.0	NM	348	3 3	67	9.3	0.3
		1/24/12	67.5	1.4	0.0	64.6	5.3	192	7.9	0 0	0	11.4	1.3
		4/9/12	51.3	0 0	0.0	74.0	0.0	19.7	1.3	0 0	0	12.1	2.1
		7/11/12	55.0	0 0	N/A	58.6	0.0	2.2	1.4	0 0	0	10.7	5.3
		10/4/12	54.9	0 0	0.0	77.7	0.0	1.7	0.6	0 0	0	8.6	10.1
		2/5/13	57.1	0 0	N/A	47.5	0.0	0.7	0.3	0 0	0	8.9	9.6
		5/10/13	54.6	0 0	N/A	61.3	0.1	0.5	0.3	0 0	0	3.0	17 3
		7/23/13	57.2	0 0	N/A	51.7	0.3	0.0	0.8	0 0	0	5.3	12.7
		10/21/13	55.3	0 0	N/A	59.0	0.0	0.8	1.3	0 0	0	6.2	15.7
		2/24/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/21/14	52.9	0 0	N/A	53.6	0.0	1 3	0.7	0 0	0	2.9	18 3
		7/28/14	65.7	0 0	N/A	50.4	0.0	2.4	1.6	0 0	0	3.2	16 5
		10/27/14	50.6	0 0	N/A	51.3	2.9	0 3	1.6	0 0	0	4.5	16 0
		1/27/15	55.4	0 0	N/A	50.9	0.0	0 6	1.2	0 0	0	2.4	19 2
		4/27/15	62.9	0 0	N/A	54.3	0.0	1.1	0.8	0 0	0	1.4	19 6
		7/20/15	50.1	0 0	N/A	57.8	0.0	0 0	0.1	0 0	0	2.3	17 5
		10/23/15	51.5	0 0	N/A	54.7	0.0	0 0	0.6	0 0	0	3.2	18.7
		1/26/16	75.3	0 0	N/A	73.2	0.0	0 0	0.1	0 0	0	1.8	19 9
		4/27/16	51.5	0 0	N/A	56.4	0.0	0 0	0.8	0 0	0	1.4	19 8
		7/26/16	61.8	0 0	N/A	54.2	0.0	0 0	0.1	0 0	0	2.1	17 5
		10/24/16	57.5	0 0	N/A	56.4	0.0	0 0	0.4	0 0	0	3.7	18 2
	33	4/14/11	59.9	0 0	N/A	59.9	0.9	98820	385	OVR	OVR	6.0	0 8
		7/26/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/1/11	53.4	0 0	N/A	51.1	0.0	NM	260	1 5	31	7.9	0.1
		1/24/12	55.5	0 0	0.0	60.3	0.0	624	47.7	0 0	0	11.7	0 9
		4/9/12	51.7	0 0	0.0	67.1	0.0	619	17.0	0 0	1	12.4	0 5
		4/24/12	52.3	0 0	N/A	57.0	0.0	18 0	1.3	0 0	0	12.3	1.1
		7/11/12	51.6	0 0	N/A	50.2	0.0	5.7	1.7	0 0	0	12.0	2 6
		10/4/12	53.9	0 0	0.0	42.8	0.1	1 9	0.7	0 0	0	10.8	6 9
		2/5/13	67.5	0 0	N/A	61.6	0.0	1 0	0.2	0 0	0	10.1	8.4
		5/10/13	53.4	0 0	N/A	59.7	0.1	0.4	0.4	0 0	0	0.8	20 2
		7/23/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/13	55.3	0 0	N/A	64.4	0.0	0 6	1.5	0 0	0	7.1	13 6
		2/24/14	56.9	0 3	N/A	70.8	0.0	0 5	1.0	0 0	0	5.1	16.7
		4/21/14	54.8	0 0	N/A	50.7	0.4	1 5	1.1	0 0	0	4.0	17.4
		7/28/14	77.3	0 0	N/A	64.7	0.0	1.1	1.5	0 0	0	3.3	16 3
		10/27/14	51.6	0 0	N/A	51.6	0.0	0.7	2.1	0 0	0	5.2	15 5
		1/27/15	53.5	0 0	N/A	52.1	0.0	0 6	1.1	0 0	0	3.9	18 2
		4/27/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/20/15	50.9	0 0	N/A	52.6	0.0	0 0	0.1	0 0	0	2.8	16 6
		10/23/15	56.7	0 0	N/A	50.4	0.0	0 0	0.8	0 0	0	4.1	17 6
		1/26/16	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/27/16	50.1	3 9	0.0	55.4	0.3	0 0	0.7	0 0	0	2.2	19 2
		7/26/16	51.9	0 0	N/A	56.3	0.0	0 0	0.1	0 0	0	2.4	16 8
		10/24/16	54.9	0 0	N/A	57.1	0.0	0 0	0.5	0 0	0	4.0	17 5

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-22	5	4/18/11	57.0	0 0	N/A	58.1	0.0	0.0	0.0	0.1	0	6.8	11.1
		7/26/11	55.5	0 0	N/A	65.0	0.0	0.0	3.1	0 0	0	7.6	11 9
		11/1/11	69.4	0 0	N/A	50.7	0.0	NM	0.7	0 0	0	2.7	18.4
		1/24/12	53.0	0 0	N/A	54.5	0.0	0.3	0.2	0 0	0	0.8	19 8
		4/9/12	60.6	0 0	N/A	50.8	0.1	1.7	1.0	0 0	0	1.1	19 6
		7/9/12	55.5	0 0	N/A	50.2	0.0	3.1	1.2	0 0	0	3.0	18 5
		10/3/12	90.7	1 2	0.0	53.7	0.1	1.4	0.3	0 0	0	1.4	19 5
		1/24/13	52.0	0 0	N/A	31.9	0.3	1.2	0.2	0 0	0	0.4	20 6
		4/19/13	52.1	0 0	N/A	55.0	0.0	0.2	1.2	0 0	0	0.3	20 2
		7/23/13	57.7	0 0	N/A	59.8	0.4	1.3	0.9	0 0	0	1.8	17 6
		10/18/13	54.0	0 0	N/A	61.1	0.2	1.2	0.8	0 0	0	0.6	20 0
		2/13/14	62.2	0 0	N/A	51.9	0.0	1.4	0.3	0 0	0	0.2	20.7
		4/22/14	55.4	0 0	N/A	62.4	0.0	1.9	0.6	0 0	0	0.5	20 3
		7/28/14	76.0	0 0	N/A	70.1	0.1	2.0	1.4	0 0	0	1.2	19.7
		10/24/14	73.9	0 0	N/A	57.8	0.0	2.6	1.7	0 0	0	0.5	20 6
		1/27/15	52.6	0 0	N/A	50.6	0.0	1 8	1.0	0 0	0	0.2	20 8
		4/27/15	55.3	0 0	N/A	53.2	0.1	1.7	0.4	0 0	0	0.3	20 9
		7/20/15	61.4	0 0	N/A	61.0	0.0	0 0	0.2	0 0	0	0.8	19 9
		10/23/15	57.7	0 0	N/A	50.5	7.2	0 0	1.0	0 0	0	0.2	20 9
		1/26/16	69.3	0 0	N/A	53.1	0.0	0 0	0.1	0 0	0	0.1	20 9
		4/26/16	53.7	0 0	N/A	51.2	0.0	0 0	0.3	0 0	0	0.2	20.7
		7/22/16	59.0	0 0	N/A	53.8	0.0	0 2	0.3	0 0	0	0.8	19 0
		10/27/16	55.0	0 0	N/A	58.2	0.0	0 0	0.3	0 0	0	0.4	20 8
	10	4/18/11	51.0	0 0	N/A	49.5	0.0	0 0	0.0	0 0	2	8.4	6 8
		7/26/11	54.5	0 0	N/A	39.2	0.0	2 9	2.7	0 0	0	10.5	4 5
		11/1/11	62.2	0 0	N/A	56.5	0.0	0 0	0.6	0 0	0	5.9	15 0
		1/24/12	54.2	0 0	N/A	70.5	0.0	0 0	0.1	0 0	0	2.4	19.1
		4/9/12	56.0	0 0	N/A	51.7	0.0	0 0	1.0	0 0	0	1.6	18 9
		7/9/12	60.0	0 0	N/A	47.8	0.0	1 5	0.9	0 0	0	3.2	17.7
		10/3/12	64.3	0 0	0.0	54.0	0.3	1 8	0.5	0 0	0	1.6	19 3
		1/24/13	51.6	0 0	N/A	31.9	0.0	0 9	0.2	0 0	0	0.7	20 3
		4/19/13	52.1	0 0	N/A	55.6	0.0	0 3	0.9	0 0	0	0.3	20 5
		7/23/13	55.0	0 0	N/A	55.8	0.1	0 3	0.8	0 0	0	1.2	18 8
		10/18/13	54.0	0 0	N/A	47.8	0.9	1 3	0.9	0 0	0	1.0	19 5
		2/13/14	68.3	0 0	N/A	55.6	0.1	0 6	0.4	0 0	0	0.3	20 6
		4/22/14	52.0	0 0	N/A	49.8	0.0	1.7	0.7	0 0	0	0.4	20 0
		7/28/14	58.2	0 0	N/A	53.0	0.0	1 9	1.8	0 0	0	1.6	19.4
		10/24/14	54.4	0 0	N/A	53.2	0.0	1 3	3.6	0 0	0	0.8	20 2
		1/27/15	52.5	0 0	N/A	51.7	0.0	1 2	1.3	0 0	0	0.2	20 8
		4/27/15	56.5	0 0	N/A	52.3	0.0	1.1	0.6	0 0	0	0.0	20 9
		7/20/15	73.9	0 0	N/A	63.8	0.1	0.1	0.1	0 0	0	1.0	20 0
		10/23/15	53.6	0 0	N/A	54.2	0.1	0 0	0.9	0 0	0	0.4	20.7
		1/26/16	58.6	0 0	N/A	54.5	0.0	0 0	0.2	0 0	0	0.1	20 9
		4/26/16	52.7	0 0	N/A	51.1	0.0	0 0	0.5	0 0	0	0.2	20 8
		7/22/16	57.2	0 0	N/A	57.6	0.0	0 0	0.1	0 0	0	0.9	19 0
		10/27/16	56.5	0 0	N/A	56.9	1.7	0 0	0.3	0 0	0	0.5	20 3

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-22	18	4/18/11	51.0	0 0	N/A	44.3	0.0	29430	258	21.7	OVR	10.7	0.3
		7/26/11	56.2	0 0	N/A	55.7	0.0	15800	206	11.5	OVR	10.5	0.8
		11/1/11	71.4	0 0	N/A	60.0	0.0	NM	0.8	0 0	0	14.5	1.1
		1/24/12	58.0	0 0	N/A	77.1	0.0	0.0	0.2	0 0	0	10.6	8.8
		4/9/12	54.0	0 0	N/A	56.6	0.1	0.5	0.2	0 0	0	6.5	13 6
		7/9/12	62.5	0 0	N/A	68.1	0.1	2.3	1.5	0 0	0	4.2	16 8
		10/4/12[9]	55.2	0 0	0.0	51.6	0.0	0.1	0.3	0 0	0	3.1	19 2
		1/24/13	61.0	0 0	N/A	39.5	0.0	1.1	0.2	0 0	0	2.3	19.1
		4/22/13	54.2	0 0	N/A	52.4	0.1	0.2	0.4	0 0	0	1.0	19 3
		7/29/13	70.3	0 0	N/A	50.1	0.2	1.6	0.6	0 0	0	2.8	18.7
		10/18/13	53.9	0 0	N/A	49.2	0.1	0.0	0.6	0 0	0	1.8	19.1
		2/13/14	84.8	0 0	N/A	51.1	0.1	0.9	0.7	0 0	0	0.8	20 2
		4/22/14	62.0	0 0	N/A	50.7	0.1	1.5	0.6	0 0	0	0.5	19 9
		7/28/14	68.4	0 0	N/A	53.4	0.1	1 3	1.2	0 0	0	1.7	18 8
		10/24/14	59.8	0 0	N/A	55.2	0.0	1 5	1.9	0 0	0	1.2	20 0
		1/27/15	56.4	0 0	N/A	51.2	0.0	1 0	1.3	0 0	0	0.4	20 8
		4/27/15	56.6	0.4	N/A	55.3	0.2	1 2	0.7	0 0	0	0.0	20 9
		7/20/15	60.5	0 0	N/A	62.7	0.1	0 0	0.1	0.1	0	1.0	19 9
		10/23/15	51.6	0 0	N/A	51.0	0.2	0 0	1.0	0 0	0	0.5	20 6
		1/26/16	56.7	0 0	N/A	53.3	0.0	0 0	0.2	0 0	0	0.4	20 9
		4/26/16	54.1	0 0	N/A	51.5	0.1	0 0	0.5	0 0	0	0.2	20.7
		7/22/16	53.9	0 0	N/A	53.6	0.0	0 0	0.2	0 0	0	0.9	19.1
		10/27/16	56.9	0 0	N/A	50.0	0.0	0 0	0.3	0 0	0	0.1	20 5
	38	4/18/11	55.0	0 0	N/A	50.0	0.0	60850	290	OVR	OVR	10.8	0 3
		7/26/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/1/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/24/12	62.0	0 0	N/A	51.0	0.0	142	40.1	0 0	0	16.4	0 8
		4/9/12	69.7	0 0	N/A	58.0	0.0	2 0	1.0	0 0	0	12.1	6 5
		7/9/12	54.8	0 0	N/A	58.9	0.0	1 2	1.0	0 0	0	6.4	14 8
		10/4/12	67.3	0 0	0.0	40.0	0.0	0.4	0.4	0 0	0	5.2	16 3
		1/24/13	71.0	0 0	N/A	32.8	0.0	0 9	0.3	0 0	0	5.1	17.1
		4/22/13	52.6	0 0	N/A	52.3	0.1	0 6	0.2	0 0	0	3.2	18 0
		7/29/13	52.7	0 0	N/A	56.9	1.5	1 5	0.8	0 0	0	1.9	16 2
		10/18/13	55.4	0 0	N/A	51.1	0.1	0 0	0.6	0 0	0	4.1	17 0
		2/13/14	71.2	0 0	N/A	50.1	0.0	1 2	0.7	0 0	0	3.0	18 8
		4/22/14	51.6	0 0	N/A	50.8	0.1	1 2	0.7	0 0	0	2.3	19 0
		7/28/14	62.8	0 0	N/A	52.2	0.0	2 9	2.8	0 0	0	2.3	17 8
		10/24/14	65.4	0 0	N/A	57.9	0.0	1 8	2.8	0 0	0	3.2	18 2
		1/27/15	53.0	0 0	N/A	54.3	0.0	1.1	1.5	0 0	0	2.3	19.7
		4/27/15	54.6	0.1	N/A	56.8	0.1	1 2	0.7	0 0	0	1.2	19 6
		7/20/15	59.4	0 0	N/A	70.0	0.0	0 0	0.1	0 0	0	1.7	18 8
		10/23/15	52.1	0 0	N/A	53.3	0.0	0 0	0.7	0 0	0	2.2	19.4
		1/26/16	58.1	0 0	N/A	53.8	0.0	0 0	0.2	0 0	0	0.4	20 9
		2/4/16	57.8	0 0	N/A	58.0	0.6	0 0	0.3	0 0	0	2.1	19 5
		4/26/16	52.4	0 0	N/A	53.8	0.0	0 0	0.5	0 0	0	0.7	20.1
		7/22/16	58.2	0 0	N/A	55.6	0.0	0 0	0.2	0 0	0	1.2	18 6
		10/27/16	54.9	0.1	N/A	58.7	0.2	0 0	0.2	0 0	0	1.7	19 8

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-23	5	4/21/11	60.0	0 0	N/A	62.3	0.0	0.0	0.7	0 0	0	5.5	15.1
		7/27/11	62.8	0 0	N/A	53.7	0.0	0.0	4.9	0 0	0	8.8	9.2
		11/2/11	61.4	0 0	N/A	55.6	0.1	0.0	1.1	0 0	0	3.1	16 6
		1/25/12	59.0	0 0	N/A	66.0	0.1	0.6	0.3	0 0	0	2.3	18 8
		4/9/12	70.0	0 0	N/A	59.3	0.1	3.5	0.7	0 0	0	0.9	19 8
		7/9/12	56.2	0 0	N/A	67.1	0.2	5.9	1.5	0 0	0	1.7	19 0
		10/3/12	62.5	0 0	N/A	40.0	0.1	4.8	0.5	0 0	0	0.7	20 2
		1/24/13	53.5	0 0	N/A	45.0	0.0	2.3	0.2	0 0	0	0.2	20 9
		4/22/13	52.5	0 0	N/A	60.0	0.1	1.4	0.2	0 0	0	0.4	20.4
		7/23/13	58.0	0 0	N/A	51.1	0.1	2.4	0.8	0 0	0	2.0	18 8
		10/18/13	50.0	0.1	N/A	48.8	0.4	1.8	0.6	0 0	0	0.4	20 8
		2/13/14	55.5	0 0	N/A	52.4	0.1	1.6	0.6	0 0	0	0.2	20.7
		4/21/14	52.7	0 0	N/A	55.7	0.0	2.1	0.8	0 0	0	0.5	19.7
		8/5/14	57.8	0 0	N/A	50.9	0.0	1.1	2.2	0 0	0	1.0	19.1
		10/24/14	70.9	0 0	N/A	50.1	0.0	4 3	0.9	0 0	0	0.6	20 0
		1/27/15	56.4	0 0	N/A	55.1	0.2	2 2	1.5	0 0	0	0.3	20.7
		4/27/15	56.8	0 0	N/A	54.7	0.1	2 5	1.0	0 0	0	0.2	20.4
		7/20/15	59.8	0 0	N/A	54.7	0.0	0 0	0.2	0.1	0	1.6	19.4
		10/26/15	59.2	0 0	N/A	56.2	0.0	0 0	0.3	0 0	0	0.4	20 9
		1/25/16	56.6	0 0	N/A	53.4	0.0	0 0	0.2	0 0	0	0.1	20 9
		6/28/16	71.7	0 0	N/A	55.3	0.3	0 0	0.3	0 0	0	0.1	20 8
		7/22/16	56.2	0 0	N/A	56.0	0.0	0 0	0.3	0 0	0	1.3	18 3
		10/19/16	55.5	0 0	N/A	51.0	0.0	0 0	0.3	0 0	0	1.2	20 0
	10	4/21/11	52.3	0 0	N/A	58.2	0.0	0 0	1.2	0 2	1	6.5	12.1
		7/27/11	66.8	0 0	N/A	49.8	0.0	0 0	2.9	0 0	0	9.5	6 3
		11/2/11	71.0	0 0	N/A	59.8	0.0	0 0	1.2	0 0	0	7.3	10.1
		1/25/12	59.6	0 0	N/A	74.2	0.0	0 3	0.3	0 0	0	5.7	14.4
		4/9/12	59.7	0 0	N/A	53.7	0.1	2 2	0.7	0 0	0	1.0	19 5
		7/9/12	55.0	0 0	N/A	50.1	0.0	4 9	1.9	0 0	0	1.6	19.1
		10/3/12	60.2	0 0	N/A	41.0	0.0	3 0	0.6	0 0	0	0.9	19 8
		1/24/13	45.4	0 0	N/A	47.5	0.0	1 2	0.2	0 0	0	0.4	20.7
		4/22/13	53.3	0 0	N/A	59.9	0.1	1 0	0.2	0 0	0	0.3	19 8
		7/23/13	63.3	0 0	N/A	54.4	0.4	1 6	0.9	0 0	0	1.6	18.7
		10/18/13	52.9	0.1	N/A	63.6	0.2	2.1	0.9	0 0	0	0.4	20.1
		2/13/14	65.2	0 0	N/A	51.9	0.0	1.1	0.8	0 0	0	0.2	20.7
		4/21/14	55.5	1 8	N/A	75.3	0.1	2 2	1.0	0 0	0	0.3	20 6
		8/5/14	64.5	0 0	N/A	52.2	0.1	3 6	1.6	0 0	0	0.5	19 6
		10/24/14	54.6	0 0	N/A	50.8	0.0	2 0	1.9	0 0	0	0.4	19 9
		1/27/15	52.8	0 0	N/A	54.3	0.0	1.4	0.9	0 0	0	0.2	20 9
		4/27/15	59.8	0 0	N/A	57.7	0.1	2.1	2.6	0 0	0	0.3	20.4
		7/20/15	57.4	0 0	N/A	61.3	0.1	0 0	0.3	0 0	0	0.9	20 2
		10/26/15	66.2	0 0	N/A	53.9	0.0	0 0	0.3	0 0	0	0.3	20 9
		1/25/16	57.4	0 0	N/A	52.6	0.0	0 0	0.2	0 0	0	0.0	20 9
		6/28/16	50.1	0 0	N/A	56.1	0.0	0 0	0.3	0 0	0	0.1	20 8
		7/22/16	56.1	0 0	N/A	51.7	0.0	0 0	0.4	0 0	0	0.7	19 0
		10/19/16	52.2	0 0	N/A	50.2	0.0	0 0	0.0	0 0	0	0.9	20 3

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-23	25	4/21/11	58.2	0 0	N/A	53.6	0.0	0.0	0.6	0 2	0	13.7	2.4
		7/27/11	58.7	0 0	N/A	45.2	0.0	6.6	4.4	0 0	0	11.9	1.3
		11/2/11	59.3	0 0	N/A	53.6	0.0	NM	0.6	0 0	0	12.6	2.6
		1/25/12	52.4	0 0	N/A	NS	0.0	235000	0.3	0 0	0	11.8	6.0
		4/9/12	60.0	0 0	N/A	50.3	0.1	1.8	2.0	0 0	0	5.5	15 0
		7/10/12	55.0	0 0	N/A	50.0	0.0	3.2	1.5	0 0	0	4.8	16 0
		10/3/12	62.4	0 0	N/A	40.0	0.0	1.7	0.7	0 0	0	4.0	17 5
		1/24/13	43.7	0 0	N/A	45.6	0.0	0.8	0.2	0 0	0	3.5	18 5
		4/22/13	52.4	0 0	N/A	56.6	0.1	0.4	0.3	0 0	0	1.5	18 8
		7/23/13	54.6	0 0	N/A	52.0	0.2	0.4	1.0	0 0	0	2.6	17 5
		10/21/13	63.3	0 0	N/A	52.9	0.2	0.9	0.0	0 0	0	2.4	18 9
		2/13/14	71.5	0 0	N/A	54.2	0.0	0.9	0.7	0 0	0	1.4	19.7
		4/21/14	53.8	0 0	N/A	50.6	0.0	1 8	1.1	0.1	0	0.7	20 8
		8/5/14	71.0	0 0	N/A	63.2	0.0	2.7	1.4	0 0	0	1.5	19 2
		10/24/14	54.3	0 0	N/A	65.7	0.0	1 6	2.2	0 0	0	1.3	19 2
		1/27/15	57.0	0 0	N/A	50.1	0.2	1 0	1.9	0 0	0	0.8	20 2
		4/27/15	60.2	0.1	N/A	60.8	0.1	1 5	0.9	0 0	0	0.4	20.1
		7/20/15	58.2	0 0	N/A	58.0	0.0	0 0	0.2	0 0	0	1.0	19 9
		10/26/15	69.9	0 0	N/A	57.9	0.0	0 0	0.4	0 0	0	1.1	20.7
		1/25/16	60.9	0 0	N/A	51.1	0.0	0 0	0.2	0 0	0	0.7	20 5
		6/28/16	53.8	0 0	N/A	54.7	0.1	0 0	0.5	0 0	0	0.8	20 2
		7/22/16	52.8	0 0	N/A	62.0	0.0	0 0	0.3	0 0	0	1.1	19 0
		10/19/16	53.6	0 0	N/A	52.6	0.0	0 0	0.0	0 0	0	2.1	19 0
	40	7/27/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/25/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/9/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/10/12[9]	53.1	0 0	N/A	51.8	0.0	4.1	0.6	0 0	0	6.0	12.4
		7/31/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/3/12	63.4	0 0	N/A	43.0	0.0	1 6	1.1	0 0	0	6.5	15 3
		1/24/13	67.2	0 0	N/A	42.0	0.6	0 8	0.2	0 0	0	5.9	16 8
		4/22/13	52.4	0 0	N/A	54.8	0.1	0 6	0.3	0 0	0	4.1	16 2
		7/23/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/13	57.5	0 0	N/A	54.5	0.1	1 2	0.0	0 0	0	5.0	17 3
		2/13/14	58.9	0 0	N/A	51.9	0.0	2.4	1.0	0 0	0	3.3	18.4
		4/21/14	58.5	0 0	N/A	72.4	0.1	3 3	1.4	0 0	0	0.1	20.7
		8/5/14	56.4	0 0	N/A	53.2	0.0	1 5	1.2	0 0	0	3.2	17.7
		10/24/14	62.4	0 0	N/A	50.8	0.0	1 3	2.3	0 0	0	3.4	17.1
		1/27/15	53.6	0 0	N/A	50.9	0.0	1 0	2.1	0 0	0	3.2	18 9
		4/27/15	70.3	0 0	N/A	66.1	0.1	2 0	1.0	0 0	0	2.4	18 3
		7/20/15	53.7	0 0	N/A	58.0	0.0	0 0	0.2	0 0	0	2.6	18 6
		10/26/15	59.5	0 0	N/A	51.1	0.0	0 0	0.3	0 0	0	3.2	18 8
		1/25/16	67.7	0 0	N/A	54.1	0.0	0 0	0.2	0 0	0	3.2	18 9
		6/28/16	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/22/16	52.7	0 0	N/A	59.6	0.0	0 0	0.6	0 0	0	2.1	18 0
		10/19/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-24	5	4/8/11	53.5	0 0	N/A	53.1	0.1	41.7	0.7	0 0	0	4.9	15 9
		7/28/11	73.3	0 0	N/A	73.3	0.0	0.0	4.2	0 0	0	7.7	15 6
		11/2/11	75.6	0 0	N/A	52.4	0.0	0.0	1.0	0 0	0	8.7	12 8
		1/25/12	55.5	0 0	N/A	59.8	0.0	2.3	3.8	0 0	0	4.2	17.4
		4/9/12	69.9	0 0	N/A	59.8	0.1	2.8	1.5	0 0	0	5.2	17 5
		7/12/12	51.3	0 0	0.0	55.2	0.0	4.3	1.5	0 0	0	5.4	16 6
		10/9/12	52.7	0 0	0.0	40.2	0.1	0.6	0.4	0 0	0	5.4	16 9
		10/19/12	67.2	0 0	0.0	37.2	0.1	1.0	0.4	0 0	0	4.0	18 2
		1/23/13	56.5	0 0	N/A	31.8	0.0	1.7	0.3	0 0	0	3.9	17 6
		5/1/13	52.4	0 0	N/A	45.6	0.2	1.6	0.4	0 0	0	0.6	20 2
		7/31/13	63.6	0 0	N/A	59.0	0.1	1.4	0.3	0 0	0	2.5	18.4
		10/21/13	58.3	0 0	N/A	63.4	0.2	0.7	0.9	0 0	0	3.3	18.4
		2/6/14	48.5	0 0	N/A	48.2	1.0	2.7	0.5	0 0	0	0.1	21 6
		4/21/14	53.8	0 0	N/A	63.9	0.0	1.6	0.6	0 0	0	1.3	20 0
		7/28/14	62.3	0 0	N/A	50.5	0.1	2.7	1.0	0 0	0	2.4	18.4
		10/27/14	64.4	0 0	N/A	52.4	0.6	0.4	1.7	0 0	0	4.0	18.4
		2/2/15	51.2	0 0	N/A	50.0	0.0	1.7	1.1	0 0	0	1.2	20.4
		4/27/15	61.5	0 0	N/A	62.9	0.0	2 2	0.7	0 0	0	0.6	20.1
		7/21/15	56.1	0 0	N/A	56.7	0.0	0 0	0.4	0 0	0	1.8	18 3
		10/29/15	53.1	0 0	N/A	51.9	0.1	0 0	0.3	0 0	0	1.6	20.7
		1/27/16	63.4	0 0	N/A	57.8	0.0	0 0	0.2	0 0	0	1.5	19.7
		4/29/16	54.2	0 0	N/A	54.2	0.0	0 0	0.5	0 0	0	0.7	20 0
		7/27/16	55.1	0 0	N/A	53.5	0.0	0 0	0.0	0 0	0	3.3	17.1
		10/28/16	69.2	0 0	N/A	61.5	0.0	0 0	0.4	0 0	0	3.2	18 0
	10	4/11/11	55.5	0 0	N/A	77.0	0.0	32.4	0.7	0 0	0	7.1	13 8
		7/28/11	63.1	0 0	N/A	50.7	0.0	0 0	5.2	0 0	0	0.1	22 6
		11/2/11	70.7	0 0	N/A	48.9	0.0	0 0	0.8	0 0	0	9.5	12 3
		1/25/12	54.3	0 0	N/A	53.2	0.0	1.4	1.2	0 0	0	8.0	13 8
		4/10/12	59.1	0 0	N/A	63.8	0.0	0 0	0.5	0 0	0	6.4	15 9
		7/12/12	55.9	0 0	0.0	51.2	0.0	3 6	1.6	0 0	0	6.4	15 0
		10/9/12	43.4	0 0	0.0	41.0	0.0	0.7	0.6	0 0	0	7.4	16 0
		1/23/13[7]	56.9	0 0	N/A	30.5	0.0	1 0	0.2	0 0	0	5.8	16.4
		4/25/13	51.8	0 0	N/A	57.5	0.0	8 2	4.2	0 0	0	2.2	19.4
		7/31/13	65.9	0 0	N/A	59.3	0.1	1.1	0.4	0 0	0	4.8	16 3
		10/21/13	55.0	0 0	N/A	52.9	0.0	0 3	0.6	0 0	0	5.8	16 3
		2/6/14	80.0	0 0	N/A	51.0	0.1	1.1	0.8	0 0	0	3.7	19 6
		4/21/14	50.6	0 2	N/A	58.6	2.8	1 2	0.7	0 0	0	3.0	18 6
		7/28/14	51.5	0 0	N/A	50.3	0.1	1.7	1.7	0 0	0	4.3	16 6
		10/27/14	58.8	0 0	N/A	52.4	0.5	0 6	2.0	0 0	0	5.3	16 2
		2/2/15	54.5	0 0	N/A	51.8	0.0	1 2	1.2	0 0	0	2.1	19 6
		4/27/15	70.0	0 0	N/A	58.5	0.1	1 8	0.6	0 0	0	1.5	19 2
		7/21/15	54.5	0 0	N/A	59.1	0.0	0 0	0.4	0 0	0	3.0	16 5
		10/29/15	53.5	0 0	N/A	51.9	0.1	0 0	0.3	0 0	0	3.7	18.4
		1/27/16	55.3	0 0	N/A	51.8	0.0	0 0	0.3	0 0	0	3.8	18 0
		4/29/16	53.2	0 0	N/A	55.5	0.0	0 0	0.5	0 0	0	2.1	18.7
		7/27/16	61.4	0 0	N/A	54.0	0.0	0 0	0.0	0 0	0	4.1	16.4
		10/28/16	58.7	0 0	N/A	51.8	0.0	0 0	0.5	0 0	0	4.5	16 5

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-24	22	4/11/11	67.8	0 0	N/A	67.8	0.0	47 3	0.3	0 0	0	8.8	10 8
		7/28/11	52.0	0 0	N/A	42.6	0.0	0.0	4.3	0 0	0	9.7	12.4
		11/6/11	52.5	0 0	N/A	50.5	0.0	NM	0.2	0 0	0	10.1	11 8
		1/25/12	57.8	0 0	N/A	72.4	0.0	25 3	3.0	0 0	0	8.9	13 2
		4/10/12	64.3	0 0	N/A	67.1	0.0	0.5	0.7	0 0	0	8.2	14 2
		7/12/12	52.4	0 0	0.0	53.4	0.0	2.9	1.0	0 0	0	6.2	14 8
		10/9/12	50.3	0 0	0.0	53.2	0.0	2.3	0.9	0 0	0	7.9	15 3
		1/23/13	52.4	0 0	N/A	31.9	0.0	0.5	0.2	0 0	0	6.5	15 9
		4/25/13	53.5	0 0	N/A	53.6	0.4	0.8	0.5	0 0	0	4.7	16.7
		7/31/13	60.5	0 0	N/A	50.7	0.1	1.3	0.3	0 0	0	5.9	15 3
		10/22/13	56.6	0 0	N/A	59.1	0.1	0.1	0.2	0 0	0	6.0	15 9
		2/6/14	52.2	0 0	N/A	50.5	0.0	0.2	1.0	0 0	0	6.4	16 8
		4/21/14	54.9	0.1	N/A	54.0	13.1	1.7	0.8	0 0	0	4.0	17 6
		7/28/14	52.2	0 0	N/A	50.8	0.2	2.4	2.2	0 0	0	3.6	17 0
		10/27/14	54.5	0 0	N/A	51.9	0.5	1.2	3.6	0 0	0	4.5	16 5
		2/2/15	62.1	0 2	N/A	50.0	1.3	1.4	1.4	0 0	0	3.6	18 8
		4/27/15	65.1	0 0	N/A	60.9	0.0	1 8	0.9	0 0	0	2.9	18 2
		8/24/15[9]	63.2	1 0	N/A	58.2	4.1	0 0	0.2	0 0	0	1.8	18.1
		10/29/15	52.3	2 2	N/A	53.8	2.8	0 0	0.3	0 0	0	1.8	19.7
		1/27/16	60.2	0 0	N/A	53.1	0.0	0 0	0.1	0 0	0	2.7	19.1
		4/29/16	54.8	0 0	N/A	56.0	0.7	0 0	0.4	0 0	0	1.3	19 5
		7/27/16	52.2	0 0	N/A	53.9	0.0	0 0	0.0	0 0	0	3.7	17.1
		10/28/16	54.7	0 0	N/A	51.1	0.0	0 0	0.6	0 0	0	2.3	18 9
	34	4/11/11	70.9	0 0	N/A	74.4	0.0	40 5	0.1	0 0	0	9.2	11 0
		7/28/11	52.6	0 0	N/A	38.1	0.0	0 0	5.8	0 0	0	9.7	12 5
		11/6/11	66.1	0 0	N/A	60.2	0.0	NM	0.2	0 0	0	8.6	12 9
		1/25/12	72.1	0 0	N/A	50.3	0.0	21 6	0.9	0 0	0	7.6	13 9
		4/10/12	60.3	0 0	N/A	62.3	0.1	2 0	0.9	0 0	0	5.6	16 6
		7/12/12	51.3	0 0	0.0	59.4	0.0	3.4	1.4	0 0	0	5.7	16 5
		10/9/12	53.0	0 0	0.0	43.2	0.0	2 0	0.9	0 0	0	7.1	15 5
		1/23/13	53.6	0 0	N/A	34.2	0.0	0 5	0.2	0 0	0	5.2	16.7
		5/6/13	51.7	0 0	N/A	45.4	0.1	1 3	0.6	0 0	0	2.7	18 5
		7/31/13	58.7	0 0	N/A	48.0	0.4	1 5	0.4	0 0	0	4.4	16 6
		10/21/13	53.7	0 0	N/A	50.4	0.0	0.1	0.2	0 0	0	5.3	16 9
		2/6/14	61.5	0 0	N/A	49.4	0.0	1 0	0.9	0 0	0	3.0	18 5
		4/21/14	50.4	0 0	N/A	57.8	0.0	1 2	0.9	0 0	0	2.6	18 8
		7/28/14	51.5	0 0	N/A	54.0	0.1	3 8	2.5	0 0	0	3.8	16 8
		10/27/14	56.8	0 0	N/A	51.5	0.1	0 8	1.9	0 0	0	4.8	16 3
		2/2/15	58.2	0 0	N/A	56.9	0.1	1 2	1.4	0 0	0	2.2	19 8
		4/27/15	57.4	0 0	N/A	57.5	0.0	1 9	1.1	0 0	0	1.5	19 2
		7/21/15	55.5	0 0	N/A	63.4	0.2	0 0	0.4	0 0	0	2.7	16 5
		10/29/15	54.7	0 0	N/A	59.5	0.0	0 0	0.3	0 0	0	3.8	18 2
		1/27/16	63.6	0 0	N/A	51.4	0.0	0 0	0.2	0 0	0	3.7	18 2
		4/29/16	53.9	0 0	N/A	56.9	0.0	0 0	0.2	0 0	0	1.7	19 0
		7/27/16	53.5	0 0	N/A	51.0	0.0	0 0	0.0	0 0	0	4.2	16 5
		10/28/16	57.7	0 0	N/A	50.2	0.0	0 0	0.7	0 0	0	5.1	16 5

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-25	5	4/8/11	75.0	0 0	N/A	51.9	0.0	95 0	1.9	0.1	2	7.5	1.0
		8/9/11	66.0	0 0	0.0	45.2	0.0	27900	2.4	0 0	0	16.0	2.8
		11/17/11	63.9	0 0	N/A	NS	NS	12 5	0.4	0 0	0	3.4	11.4
		1/31/12	54.0	0 0	N/A	53.0	0.0	0.0	0.3	0 0	0	2.5	11 0
		4/25/12	55.2	0 0	N/A	51.6	0.0	2.0	0.5	0 0	0	5.2	12 0
		7/26/12	60.7	0 0	0.0	55.2	0.1	2.1	0.4	0 0	0	10.5	6.7
		10/26/12	56.9	0 0	N/A	55.4	0.0	2.5	0.5	0 0	0	5.0	13 2
		3/6/13	55.3	0 0	N/A	53.2	0.0	1.2	0.2	0 0	0	1.9	16.1
		5/17/13	53.0	0 0	N/A	52.7	0.0	0.6	0.5	0 0	0	1.7	17 8
		8/15/13	51.1	0 0	N/A	49.9	0.0	1.2	0.5	0 0	0	9.8	6.0
		11/13/13	54.2	0 0	N/A	60.7	0.1	0.4	0.5	0 0	0	5.5	12 5
		3/6/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/14	66.1	0 0	N/A	55.5	0.0	1.7	0.9	0 0	0	3.2	16 8
		8/14/14	58.5	0 0	N/A	50.8	0.0	6.1	1.4	0 0	0	11.7	4.7
		11/5/14	54.8	0 0	N/A	54.1	1.0	1.4	1.8	0.1	0	4.6	10 6
		2/11/15	54.4	0 0	N/A	51.5	0.0	0 6	2.0	0 0	0	4.4	12 5
		5/7/15	53.6	0 0	N/A	52.7	0.0	1 8	1.5	0 0	0	9.5	6.7
		7/30/15	55.1	0 0	N/A	53.8	0.0	0 0	0.5	0 0	0	12.0	6 5
		11/5/15	89.4	0 0	N/A	67.0	0.0	0 0	0.5	0 0	0	8.8	4 0
		2/16/16	61.1	0 0	N/A	58.7	0.0	0 0	0.3	0 0	0	4.1	13 3
		5/4/16	73.5	0 0	N/A	69.1	0.0	322	20.9	0 0	0	4.7	5 9
		8/3/16	53.4	0 0	N/A	50.9	0.0	0 0	0.0	0 0	0	9.0	5.7
		10/31/16	55.5	0 0	N/A	48.4	0.0	0 0	0.5	0 0	0	5.7	9 9
	9.5	4/8/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/9/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/17/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/31/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/26/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		3/6/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/15/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/13/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		3/6/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/14/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/5/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/11/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/7/15[11]	NS	NS	NS	NS	NS	N/A	N/A	NS	NS	NS	NS
		7/30/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/5/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/16/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/4/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/31/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-25	21	4/8/11	72.4	4.1	OVR	54.3	4.6	632000	150	OVR	OVR	14.4	0.8
		8/9/11	58.3	11.4	OVR	56.9	10.2	OVR	176	OVR	OVR	14.9	1.0
		11/17/11	60.3	3 6	OVR	50.7	4.6	OVR	125	OVR	OVR	14.4	1.1
		1/31/12	62.0	7 5	OVR	52.7	8.6	OVR	140	OVR	OVR	14.2	0.7
		4/25/12	70.2	9 3	OVR	57.3	10.3	OVR	83.9	OVR	OVR	11.8	1.3
		7/26/12	71.0	8 8	OVR	66.0	6.9	OVR	59.6	OVR	OVR	11.7	1.6
		10/26/12	54.0	9.7	OVR	54.3	9.0	OVR	74.9	OVR	OVR	14.2	4.7
		3/6/13	56.4	5 6	OVR	52.7	6.3	1000000	45.9	OVR	OVR	12.0	4.3
		5/17/13	52.7	7 2	OVR	74.2	6.0	734000	84.5	OVR	OVR	4.2	14.1
		8/15/13	NS	NS	NS	NS	NS	510000	120	NS	NS	12.4	2.0
		11/13/13	56.7	2 0	OVR	50.5	1.2	210000	120	OVR	OVR	16.1	0.8
		3/6/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/14	59.7	2 0	N/A	55.7	1.5	135000	132	84.4	1688	14.1	1.5
		8/14/14	51.3	1 3	N/A	54.5	1.1	108000	152	60.2	OVR	13.3	0.8
		11/5/14	59.1	1 6	42.7	56.9	1.9	16710	146	46.9	OVR	14.7	0.6
		2/11/15	54.5	1 2	41.1	52.6	0.8	76600	113	40.3	OVR	15.3	0.6
		5/7/15	58.2	1.1	29 9	52.9	0.7	10100	90.1	29.2	OVR	12.7	1.4
		7/30/15	57.1	0 0	N/A	53.9	0.0	101000	72.4	37.0	OVR	13.4	0.6
		11/5/15	63.0	0.4	12 5	59.6	0.6	54080	152	15.7	OVR	13.0	1.0
		2/16/16	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/4/16	62.0	0 2	N/A	72.5	0.1	87 8	30.6	0 0	0	0.4	20 2
		8/3/16	56.1	0 2	0.0	56.4	0.8	0 0	0.0	0 0	0	0.5	18 5
		10/31/16	56.6	0 2	N/A	54.2	0.5	0 0	0.9	0 0	0	0.8	19 9
	31	4/8/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/9/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/17/11[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/31/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/26/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		3/6/13	57.5	5 8	OVR	54.0	7.2	1000000	52.1	OVR	OVR	12.7	1.7
		8/15/13	NS	NS	NS	NS	NS	416000	118	OVR	NS	11.6	2 6
		11/13/13	57.0	1.7	OVR	59.0	2.8	203000	117	OVR	OVR	16.2	0.7
		3/6/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/14	64.9	0 6	N/A	51.0	0.3	74500	227	85.5	1710	12.8	1.7
		8/14/14	53.1	1 5	N/A	51.1	1.3	111000	163	62.4	OVR	13.8	0.7
		11/5/14	54.8	1 8	43 3	54.7	1.4	102000	159	47.2	OVR	15.1	0.7
		2/11/15	52.5	1 2	20 9	55.2	1.0	77400	111	39.0	OVR	14.7	1.1
		5/7/15	56.5	1.1	25 2	55.3	0.8	10300	90.3	28.2	OVR	12.5	1 6
		7/30/15	51.1	1.4	N/A	53.7	1.9	96830	70.2	36.1	OVR	12.8	1 2
		11/5/15	72.7	0 3	13 6	52.4	0.6	52220	165	15.2	OVR	12.8	1 2
		2/16/16	77.4	0 0	N/A	54.7	0.9	29830	173	9.4	OVR	10.6	1 5
		5/4/16	66.1	0.1	N/A	51.6	0.3	40100	154	13.7	OVR	11.9	3 3
		8/3/16	51.6	0 0	N/A	55.4	0.0	3780	16.2	0.4	7	7.4	6 6
		10/31/16	57.0	1 2	N/A	50.0	1.0	113000	73.3	32.8	OVR	13.0	4 0

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-29	10	7/30/12	61.9	0 0	N/A	57.8	0.0	6.8	2.5	0 0	0	8.8	9.2
		10/8/12	52.9	0 0	N/A	40.5	0.0	1.0	1.7	0 0	0	8.1	10 6
		2/6/13	76.5	0 0	N/A	63.2	0.0	0.9	0.4	0 0	0	1.5	19 3
		5/6/13	51.6	0 0	N/A	55.3	0.2	0.5	0.5	0 0	0	0.3	20 6
		8/23/13[12]	76.5	0 0	N/A	73.5	0.2	2.5	1.0	0 0	0	0.1	20 5
		10/25/13	57.6	0 0	N/A	60.9	0.0	1.3	0.4	0 0	0	0.2	21 0
		2/12/14	61.9	0 0	N/A	51.0	0.0	0.4	0.8	0 0	0	0.1	20 8
		4/29/14	66.3	0 0	N/A	54.1	0.1	1.3	1.4	0 0	0	0.1	20 8
		8/12/14	52.3	0 0	N/A	54.2	0.1	4.3	1.4	0 0	0	0.0	20 5
		11/3/14	55.1	0 0	N/A	52.1	0.5	1.0	1.5	0 0	0	0.1	20.7
		2/5/15	68.3	0 0	N/A	58.8	0.0	1.0	2.4	0 0	0	0.1	20 8
		5/6/15	53.6	0.1	N/A	76.6	0.1	1.1	1.3	0 0	0	0.0	20 8
		7/27/15	73.8	0 0	N/A	50.0	0.1	1.0	0.5	0 0	0	0.2	20.7
		10/30/15	72.5	0 0	N/A	74.8	0.1	0 3	0.4	0 0	0	0.0	20 9
		1/27/16	53.3	0 0	N/A	52.0	0.0	0 0	0.2	0 0	0	0.1	20 9
		5/2/16	62.5	0 0	N/A	60.5	0.0	0 0	0.0	0 0	0	0.3	20 6
		7/28/16	53.1	0 0	N/A	52.6	0.0	0 0	0.5	0 0	0	0.5	20 0
		12/9/16[9]	55.0	0 0	N/A	50.0	0.0	0 0	0.6	0 0	0	0.2	20.4
	18	7/30/12	65.0	0 0	N/A	65.5	0.1	105	31.2	0 0	0	9.3	8.1
		10/8/12	54.1	0 0	N/A	45.6	0.0	10 0	7.3	0 0	0	8.8	9.4
		2/6/13	57.7	0 0	N/A	66.9	0.1	3 0	0.4	0 0	0	0.9	19 8
		5/6/13	52.7	0 0	N/A	53.0	0.2	2 3	2.1	0 0	0	0.7	20 0
		8/5/13	86.8	0 0	N/A	72.2	0.1	4.1	2.4	0 0	0	0.3	20 5
		10/25/13	56.3	0 0	N/A	49.2	0.0	2.7	1.0	0 0	0	0.2	21 0
		2/12/14	72.3	0 0	N/A	51.9	0.1	0 6	1.0	0 0	0	0.1	20 8
		4/29/14	87.2	0 0	N/A	55.8	0.1	1 6	2.0	0 0	0	0.1	20 8
		8/12/14	51.5	0 0	N/A	50.8	0.0	6 3	3.7	0 0	0	0.0	20 3
		11/3/14	54.4	0.1	N/A	57.1	0.1	1 2	2.1	0 0	0	0.1	20 9
		2/5/15	58.6	0 0	N/A	55.4	0.1	0 8	2.5	0 0	0	0.1	20 8
		5/6/15	54.2	0 0	N/A	52.5	0.1	3.7	1.9	0 0	0	0.0	20 8
		7/27/15	77.2	0 0	N/A	70.2	0.0	1 6	0.5	0 0	0	0.1	20.7
		10/30/15	74.8	0.1	N/A	63.4	0.0	0 3	0.9	0 0	0	0.0	20 9
		2/4/16	50.5	0 0	N/A	53.0	0.2	0 0	0.5	0 0	0	0.1	20 2
		5/2/16	60.8	0 0	N/A	64.8	0.0	0 0	0.2	0 0	0	0.3	20 6
		7/28/16	53.4	0 0	N/A	61.0	0.0	1 6	1.4	0 0	0	0.4	19 8
		11/3/16	58.7	0 0	N/A	58.6	0.0	0 0	0.3	0 0	0	0.1	20.7
	26	7/30/12	68.1	0 0	N/A	49.6	0.0	75 0	17.2	0 0	0	10.3	5.7
		10/8/12	58.6	0 0	N/A	48.2	0.0	12 5	10.8	0 0	0	11.2	6 5
		2/6/13	58.7	0 0	N/A	37.1	0.3	3 8	0.8	0 0	0	2.3	18 5
		5/6/13	51.0	0 0	N/A	53.2	0.2	3.4	2.2	0 0	0	0.8	19.7
		8/5/13	65.4	0 0	N/A	56.9	0.2	8 5	5.1	0 0	0	0.3	20 5
		10/25/13	69.1	0.1	N/A	52.9	0.2	3.4	1.5	0 0	0	0.3	20 8
		2/12/14	53.9	0 5	N/A	52.0	0.2	0.7	1.3	0 0	0	0.2	20.7
		4/29/14	75.9	0 0	N/A	62.3	0.1	1 5	1.7	0 0	0	0.1	20.7
		8/12/14	50.3	0 0	N/A	51.6	0.0	5.4	3.5	0 0	0	0.0	20 5
		11/3/14[9]	59.3	0 0	N/A	56.4	0.0	1 0	2.3	0 0	0	0.2	20 8
		11/12/14	56.9	0 0	N/A	49.1	0.8	1 8	0.4	0 0	0	0.1	20 8
		2/6/15	56.6	0 0	N/A	59.3	0.0	1.7	1.2	0 0	0	0.2	20 8
		5/6/15	52.4	0 0	N/A	67.4	0.1	0 9	1.3	0 0	0	0.0	20 8
		8/3/15[7]	53.4	0 0	N/A	52.1	0.1	0 0	1.1	0 0	0	0.1	20 9
		10/30/15	73.4	0 0	N/A	68.3	0.0	0 0	0.2	0 0	0	0.2	20 6
		1/27/16	50.9	0 0	N/A	52.7	0.0	0 0	0.2	0 0	0	0.1	19 6
		5/2/16	60.3	0 0	N/A	62.3	0.0	0 0	0.2	0 0	0	0.3	20 6
		7/28/16	56.5	0 0	N/A	52.4	0.0	3.1	2.4	0 0	0	0.2	20 0
		11/3/16	60.0	0 0	N/A	55.9	0.6	0 8	0.4	0 0	0	0.4	20 5

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-29	40	7/30/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/8/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/6/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/6/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/5/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/25/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/12/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/29/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/5/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/6/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/27/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/27/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/2/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/28/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-30	10	7/30/12	59.5	0 0	N/A	54.4	0.6	27 5	19.6	0 0	0	4.6	14 2
		10/8/12	61.8	0 0	N/A	50.9	0.0	0 9	0.9	0 0	0	3.0	17.1
		2/6/13	52.6	0 0	N/A	58.8	0.0	0.4	0.1	0 0	0	0.1	20 9
		5/6/13	52.6	0 0	N/A	58.2	0.2	28 6	1.5	0 0	0	0.0	20 5
		8/5/13	56.8	0 0	N/A	54.7	0.2	4 2	2.6	0 0	0	0.0	20 9
		10/28/13	52.7	0 0	N/A	45.0	0.1	1.4	1.1	0 0	0	0.0	20 9
		2/12/14	57.9	0 0	N/A	51.2	0.0	0.7	0.6	0 0	0	0.1	20 9
		4/29/14	80.8	0.1	N/A	68.6	0.2	589	1.4	0 0	0	0.0	20.7
		8/8/14	70.5	0 0	N/A	55.3	0.1	2 8	1.2	0 0	0	0.2	20 8
		11/4/14	79.3	0 0	N/A	57.9	0.1	0 9	0.9	0 0	0	0.0	20 9
		2/6/15	55.9	0 0	N/A	57.9	0.0	1 0	1.2	0 0	0	0.1	20 8
		5/5/15	51.6	0 0	N/A	51.3	0.2	3 0	1.4	0 0	0	0.0	20 8
		7/27/15	56.7	0 0	N/A	58.0	0.0	0.7	0.4	0 0	0	0.2	20 6
		10/30/15	58.5	0 0	N/A	70.2	0.0	0 0	0.4	0 0	0	0.0	20 9
		2/4/16	62.6	0 0	N/A	50.7	0.0	0 0	0.3	0 0	0	0.1	20 9
		5/2/16	54.6	0 0	N/A	50.6	0.0	0 0	0.2	0 0	0	0.1	20 9
		7/28/16	53.3	0 0	N/A	50.6	0.1	0 2	0.4	0 0	0	0.0	20 8
		11/3/16	74.2	0 0	N/A	54.7	0.0	0 5	0.4	0 0	0	0.1	20.7
	18	7/30/12	51.2	0 0	N/A	40.8	0.0	113	40.1	0 0	0	11.7	3 9
		10/8/12	71.5	0 0	N/A	45.8	0.0	35 2	19.3	0 0	0	10.8	8 2
		2/6/13	53.0	0 0	N/A	42.4	0.0	1.4	0.2	0 0	0	0.8	20 2
		5/6/13	53.5	0 0	N/A	50.8	0.1	6 9	4.5	0 0	0	0.1	20 6
		8/5/13	65.1	0 0	N/A	54.2	0.2	6 5	4.4	0 0	0	0.2	20.7
		10/28/13	59.7	0 0	N/A	56.7	0.2	2 2	1.3	0 0	0	0.0	20 6
		2/12/14	66.2	0 0	N/A	57.1	0.1	0 6	0.3	0 0	0	0.1	20 9
		4/29/14	71.6	0 0	N/A	55.4	0.0	1 6	1.1	0 0	0	0.1	20 6
		8/8/14	64.3	0 0	N/A	51.0	0.1	3 5	1.6	0 0	0	0.2	20 8
		11/4/14	55.8	0 0	N/A	53.1	0.0	0.4	1.0	0 0	0	0.1	20 8
		2/6/15	57.6	0 0	N/A	57.7	0.0	1.1	1.3	0 0	0	0.1	20 9
		5/5/15	51.8	0 5	N/A	50.9	1.2	3.1	1.6	0 0	0	0.0	20 6
		7/27/15	60.9	0 3	N/A	60.5	0.1	4 0	1.6	0 0	0	0.1	20.7
		10/30/15	72.5	0 0	N/A	64.1	0.0	0 0	0.6	0 0	0	0.0	20 9
		1/27/16	54.9	0 0	N/A	53.5	0.0	0 0	0.2	0 0	0	0.1	20 9
		5/2/16	53.9	0 0	N/A	51.1	0.0	0 0	0.3	0 0	0	0.1	20 9
		7/28/16	51.9	0 0	N/A	55.8	0.4	3 0	1.3	0 0	0	0.1	20 3
		11/3/16	64.0	0 0	N/A	57.2	0.0	0 6	0.5	0 0	0	0.2	20 6

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-30	26	7/30/12	50.4	0 0	N/A	49.5	0.0	257	105	0 0	0	11.7	2.6
		10/8/12	65.9	0 0	N/A	40.2	0.0	41 5	21.3	0 0	0	13.4	5.5
		2/6/13	55.5	0 0	N/A	44.7	0.0	5.3	2.1	0 0	0	0.9	19 0
		5/6/13	57.4	0 0	N/A	52.3	0.2	5.7	4.0	0 0	0	0.3	20 6
		8/14/13[7]	62.7	0.1	N/A	80.4	0.4	1.4	1.0	0 0	0	0.2	20 0
		10/28/13	62.7	0 0	N/A	55.3	0.1	3.6	3.4	0 0	0	0.2	21 0
		2/12/14	62.1	0 0	N/A	52.2	0.0	15 3	10.8	0 0	0	0.1	20 9
		4/29/14	69.5	0 0	N/A	56.8	0.0	13 3	17.1	0 0	0	0.1	20.7
		8/8/14	52.4	0 0	N/A	53.3	0.0	4.2	2.3	0 0	0	0.1	20 8
		11/4/14	60.2	0 0	N/A	54.2	0.0	1.5	2.0	0 0	0	0.1	20 9
		2/6/15	67.2	0 0	N/A	52.2	0.0	1.7	1.4	0 0	0	0.1	20 8
		5/5/15	53.8	1 5	N/A	52.1	2.2	3.8	2.2	0 0	0	0.0	20 5
		7/27/15	62.3	0.1	N/A	53.8	0.0	4.0	1.2	0 0	0	0.1	20 8
		10/30/15	61.5	0 0	N/A	58.4	0.5	0.0	0.4	0 0	0	0.0	20 9
		1/27/16	50.3	0 0	N/A	51.1	0.2	0.0	0.4	0 0	0	0.1	20 9
		5/2/16	60.8	0 0	N/A	59.7	0.1	0.2	1.4	0 0	0	0.1	20 9
		7/28/16	53.4	0 0	N/A	51.0	0.0	7.2	5.2	0 0	0	0.1	20 2
		11/3/16	57.0	0 0	N/A	54.3	0.0	2.1	0.8	0 0	0	0.1	20 8
	40	7/30/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/8/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/6/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/6/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/5/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/12/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/8/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/4/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/6/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/5/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/27/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/27/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/2/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/28/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-31	5	4/25/12	55.1	0 0	N/A	63.6	0.2	3 8	NS	0 0	0	0.9	18 3
		7/20/12	52.8	0 0	N/A	45.2	0.0	4 3	0.9	0 0	0	0.8	18.7
		10/26/12[7]	53.2	0 0	N/A	51.7	1.1	1 9	0.4	0 0	0	0.7	20 2
		2/11/13	62.7	0 0	N/A	54.1	0.0	1 0	0.2	0 0	0	0.2	20 8
		5/15/13	59.3	0 0	N/A	74.7	0.8	10 8	0.4	0 0	0	0.9	18 3
		8/14/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/15/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/26/14	54.6	0 0	N/A	53.1	4.1	1 6	0.6	0 0	0	0.1	20 9
	10	4/24/12	52.2	0 0	N/A	56.4	0.4	4 2	NM	0 0	0	0.9	18 2
		7/26/12[7]	50.7	0 0	N/A	59.5	0.0	6 9	0.7	0 0	0	1.1	19.7
		10/26/12[7]	54.3	1.7	0.0	49.0	2.7	2.1	1.0	0 0	0	0.6	19 9
		2/13/13[7]	52.9	0 0	0.0	77.2	0.2	1 6	0.2	0 0	0	0.1	20.4
		5/17/13[7]	53.2	0 0	N/A	53.2	0.9	0 5	0.4	0 0	0	1.1	18.4
		11/13/13	59.3	0 0	N/A	54.3	0.8	1 6	0.5	0.1	2	0.2	20 6
		2/27/14	66.4	0 0	N/A	54.3	0.1	0 6	0.1	0 0	0	0.1	20 9

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-31	20	4/24/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/20/12[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/19/12	64.2	0 0	N/A	56.5	0.0	2970	463	3.4	71	8.4	9.5
		2/11/13	64.8	0 0	N/A	53.4	0.0	255	41.5	0 5	5	3.4	16 5
		5/17/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/15/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/12/13	56.0	2.7	N/A	55.1	0.6	2 8	0.8	0 0	0	0.2	20 8
		3/6/14[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	30	4/24/12	52.5	0 0	N/A	51.7	0.0	15000	NM	7.7	OVR	10.7	1 3
		7/20/12	57.4	0 0	N/A	40.0	0.0	851	20.2	0 2	6	9.6	6.4
		10/19/12	51.2	0 0	N/A	56.7	0.0	204	19.0	0 2	3	2.8	18 5
		2/11/13	64.2	0 0	N/A	52.3	0.0	4100	185	11.6	OVR	14.2	3.7
		5/7/13	53.5	0 0	N/A	57.4	0.2	147000	254	OVR	OVR	7.0	8 5
		8/9/13	60.3	0 0	N/A	55.1	0.6	2 9	0.4	0 0	0	5.7	14.1
		11/12/13	53.9	0 0	N/A	52.6	0.4	1 2	1.3	0 0	0	5.9	17.1
		2/26/14	72.2	0 0	N/A	56.8	0.3	184000	206	OVR	OVR	10.6	5 0
VMP-32	5	4/16/12[9]	54.2	0 0	0.0	58.2	49.5	NM	NM	NM	NM	NM	NM
		4/25/12	54.9	0 2	N/A	52.5	1.2	0 0	0.8	0 0	0	0.1	20 8
		7/20/12	69.4	0 0	0.0	48.1	2.0	4.1	1.3	0 0	0	1.2	19.4
		10/18/12	75.1	0 0	N/A	50.0	0.1	1.7	0.6	0 0	0	0.9	18 5
		2/5/13	56.4	0 0	N/A	55.6	0.1	0 8	0.3	0 0	0	0.2	20.7
		5/7/13	51.7	0 0	N/A	56.8	1.2	1 6	0.4	0 0	0	0.2	20 3
		8/2/13	85.4	0 0	N/A	63.0	0.3	1.7	0.6	0 0	0	1.6	18.7
		11/8/13	63.2	0 0	N/A	54.3	0.3	2.4	0.2	0 0	0	0.6	20.4
		2/28/14	54.5	0 0	N/A	55.9	0.0	2 9	0.8	0 0	0	0.0	20 9
		3/19/14[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/14	58.9	0 0	N/A	50.2	1.9	1 5	0.9	0 0	0	0.9	20 0
		8/13/14	52.8	0 0	N/A	50.5	1.2	1 9	0.6	0 0	0	1.0	19 5
		11/7/14	53.5	0 3	N/A	52.1	0.0	1.7	0.7	0 0	0	0.5	20.7
		2/10/15	53.8	0 0	N/A	50.1	0.0	2 0	0.8	0 0	0	0.2	20 6
		5/12/15[8]	NS	NS	NS	NS	NS	N/A	N/A	NS	NS	NS	NS
		9/24/15[9]	66.9	0 0	N/A	55.9	0.0	0 0	0.1	0 0	0	0.4	20 5
		11/4/15	63.7	0 0	N/A	63.7	0.0	0 0	0.5	0 0	0	0.4	20.4
		1/26/16	58.2	0 0	N/A	51.6	0.0	0 0	0.1	0 0	0	0.7	19.4
		4/27/16	56.0	0 0	N/A	55.9	0.1	0 0	0.5	0 0	0	0.9	20 0
		7/26/16	52.6	0 0	N/A	50.5	0.1	0 0	0.7	0 0	0	2.0	18 0
		10/27/16	59.3	0 0	N/A	52.1	0.0	0 0	0.4	0 0	0	1.7	18.7

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-32	10	4/16/12	60.8	0 2	0.0	50.0	0.3	0.0	1.1	0 0	0	2.6	18 5
		7/20/12	58.6	0 0	0.0	48.9	1.2	2.3	1.3	0 0	0	3.7	16.4
		10/18/12	64.9	0 0	N/A	51.2	0.0	1.4	0.7	0 0	0	3.5	17 0
		2/5/13	48.3	0 0	N/A	50.0	0.0	1.4	0.2	0 0	0	2.7	18 3
		5/7/13	52.4	0 0	N/A	60.5	0.2	0.7	0.5	0 0	0	1.9	18 5
		8/30/13[12]	53.9	0 0	N/A	64.9	0.4	0.2	0.7	0 0	0	4.2	15 5
		11/8/13	57.2	0 0	N/A	52.0	0.1	0.9	0.3	0 0	0	3.2	18.1
		2/28/14	66.7	0 0	N/A	55.6	0.0	1.7	0.8	0 0	0	1.8	19 0
		5/1/14	66.3	0 0	N/A	51.7	0.0	0.9	0.9	0 0	0	2.2	18 5
		8/13/14	51.8	0 0	N/A	53.3	0.0	0.7	0.7	0 0	0	3.5	16 8
		11/7/14	69.4	0 0	N/A	59.9	0.0	1.0	0.6	0 0	0	3.0	18 5
		2/10/15	54.3	0.1	N/A	52.6	0.1	1.2	0.7	0 0	0	0.7	20 6
		5/11/15	55.5	1 6	N/A	53.4	3.3	2.0	1.1	0 0	0	1.0	19 0
		5/29/15[9]	54.3	0 0	N/A	50.0	0.0	0.3	0.8	0 0	0	1.3	19 2
		7/31/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/4/15	59.0	0 0	N/A	64.5	0.0	0 0	0.7	0 0	0	1.0	20 0
		1/26/16	63.5	0 0	N/A	50.1	0.0	0 0	0.1	0 0	0	0.7	19 5
		4/27/16	51.1	0 0	N/A	63.8	0.3	0 0	0.7	0 0	0	0.9	20 0
		7/26/16	58.5	0 0	N/A	51.0	0.1	0 0	0.7	0 0	0	1.3	19 2
		10/27/16	53.1	0 0	N/A	50.4	0.0	0 0	0.5	0 0	0	1.6	18 9
	20	4/16/12	55.5	0 0	0.0	60.8	0.2	117	21.3	0 0	0	3.7	16.1
		7/20/12	55.2	0 0	0.0	52.2	0.1	2 8	1.6	0 0	0	4.5	15 0
		10/18/12	77.5	0 0	N/A	57.4	0.0	1 5	0.5	0 0	0	5.0	16 5
		2/5/13	50.6	0 0	N/A	69.7	0.0	0 5	0.3	0 0	0	3.9	17.1
		5/7/13	57.1	0 0	N/A	52.8	0.2	0 5	0.5	0 0	0	2.6	17 3
		8/2/13	72.1	0 0	N/A	50.1	0.2	1 0	0.7	0 0	0	5.3	13.7
		11/8/13	56.1	0 0	N/A	53.2	0.6	1 3	0.3	0 0	0	5.2	16 6
		2/28/14	58.6	0 0	N/A	53.6	0.0	1 6	0.9	0 0	0	3.4	17 6
		5/5/14	55.6	0 0	N/A	55.4	0.2	0 2	2.5	0 0	0	3.2	17 0
		8/13/14	55.8	0 3	N/A	51.8	0.4	0.7	1.0	0 0	0	4.2	15 9
		11/7/14	61.6	0 0	N/A	59.9	1.1	0 8	0.7	0 0	0	5.1	16 6
		2/10/15	54.0	0 0	N/A	52.1	0.0	1 3	0.7	0 0	0	1.2	20 2
		5/11/15	55.6	0 0	N/A	55.2	1.4	3.1	1.6	0 0	0	0.9	19 2
		8/3/15[7]	56.0	0 5	N/A	53.5	1.6	0.1	0.1	0 0	0	0.2	20.1
		11/4/15	69.4	0 0	N/A	66.0	0.1	0 0	0.6	0 0	0	0.4	20.4
		2/16/16	63.1	0 0	N/A	53.1	0.1	0 0	0.2	0 0	0	0.2	20.7
		4/27/16	52.1	0 0	N/A	51.5	3.5	0 2	0.5	0 0	0	0.2	20 2
		7/26/16	64.9	0 0	N/A	52.1	0.0	0 0	0.7	0 0	0	1.0	18 5
		8/29/16	63.3	0 0	N/A	54.1	1.4	10 0	10.3	0 0	0	1.6	18.7
		10/27/16	56.0	0 0	N/A	52.6	0.4	0 3	0.4	0 0	0	0.2	20.4

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-32	30	4/16/12	53.8	0 0	0.0	60.4	0.0	36660	529	OVR	OVR	10.5	1.0
		7/20/12	52.3	0 0	18 0	63.1	0.0	6000	385	25.2	OVR	9.8	1.8
		10/18/12	60.2	0 0	N/A	53.2	0.0	206	13.0	0 0	1	11.1	5.5
		2/5/13	48.5	0 0	N/A	60.0	0.0	166	37.2	0.1	3	12.7	3.7
		5/7/13	50.2	0 0	N/A	69.5	0.0	16200	780	26.0	OVR	7.1	9.3
		8/2/13	67.5	0 0	N/A	48.5	0.0	4890	675	15.5	OVR	13.3	1.1
		11/8/13	65.5	0 0	N/A	57.4	1.6	770	160	0.7	13	15.4	1.3
		2/28/14	58.2	0 0	N/A	51.4	0.0	92 5	3.7	0 0	0	17.4	1.1
		5/1/14	60.5	0.1	N/A	53.5	0.6	6900	570	11.5	OVR	14.9	2.5
		8/13/14	54.1	1 3	N/A	51.8	1.6	111	2.1	0 0	0	8.0	9.0
		11/7/14	53.3	1 9	N/A	55.4	1.9	12.1	8.5	0 0	0	4.8	16 5
		2/10/15	53.1	0.1	N/A	50.1	0.1	1.5	1.1	0 0	0	2.0	19 3
		5/5/15	53.0	0 6	N/A	52.8	1.0	1.7	1.4	0 0	0	1.1	19.4
		8/24/15[7]	51.3	0 0	N/A	57.7	1.7	0.0	0.8	0 0	0	1.2	18 8
		11/4/15	56.5	0.1	N/A	62.8	0.4	0.0	0.6	0 0	0	0.9	19 9
		2/2/16	67.9	0 0	N/A	51.9	1.7	0.0	0.2	0 0	0	0.7	20.1
		4/27/16	54.5	2 0	N/A	52.8	2.0	0.1	0.6	0 0	0	0.6	20 0
		7/26/16	53.7	0 0	N/A	50.2	0.1	0.0	0.7	0 0	0	1.7	18 0
		10/27/16	53.7	0.4	N/A	53.6	0.9	0.0	0.5	0 0	0	1.3	19.1
VMP-41	10	7/27/12	58.6	0 0	N/A	78.0	0.1	15.1	0.4	0 0	0	5.1	15 0
		10/9/12	46.7	0 0	N/A	42.6	0.0	0.8	0.9	0 0	0	4.8	15 0
		1/29/13	51.1	0 0	N/A	46.1	0.1	0.9	0.4	0 0	0	0.3	20 5
		4/30/13	50.3	0 0	N/A	53.2	0.0	0.7	0.4	0 0	0	0.3	20 3
		8/2/13	62.2	0 0	N/A	61.5	0.2	0 9	0.5	0 0	0	0.3	20 3
		10/29/13	84.9	0 0	N/A	62.1	0.2	1 2	0.5	0 0	0	0.3	20 6
		2/11/14	63.5	0 0	N/A	52.4	0.7	1 2	0.4	0 0	0	0.1	20 8
		4/22/14	58.1	0 0	N/A	55.6	0.1	2 3	0.8	0 0	0	0.2	19.7
		7/31/14	50.2	0 0	N/A	52.8	0.1	0 8	0.6	0 0	0	0.2	20 5
		10/28/14	62.5	0 0	N/A	51.8	0.3	1 6	1.6	0 0	0	0.2	20 6
		2/4/15	54.6	0 0	N/A	56.5	0.0	0 5	0.8	0 0	0	0.1	20 6
		4/30/15	51.8	0 0	N/A	51.2	0.0	2.1	1.6	0 0	0	0.2	20 9
		7/28/15	58.0	0 0	N/A	57.5	0.0	0 0	0.6	0 0	0	0.5	20.7
		11/2/15	52.4	0 0	N/A	53.7	0.0	0 0	0.3	0 0	0	0.1	20 5
		1/27/16	54.3	0 0	N/A	54.6	0.5	0 0	0.1	0 0	0	0.1	20 9
		5/2/16	51.5	0 0	N/A	55.6	0.0	0 0	0.0	0 0	0	0.6	20 5
		7/28/16	74.5	0 0	N/A	64.7	0.6	0 0	0.0	0 0	0	0.9	18 3
		10/19/16	56.8	0 0	N/A	56.5	0.0	0 0	0.6	0 0	0	0.5	20 8
	20	7/27/12	62.0	0 0	N/A	62.5	0.0	2 6	0.4	0 0	0	7.2	12.4
		10/9/12	50.6	0 0	N/A	40.7	0.0	1 3	1.3	0 0	0	6.7	12.7
		1/29/13	55.6	0 0	N/A	30.3	0.0	0 5	0.3	0 0	0	0.8	20 2
		4/30/13	53.1	0 0	N/A	50.6	0.2	0 9	0.5	0 0	0	0.2	20.1
		8/2/13	68.9	0.1	N/A	58.4	0.2	0 9	0.4	0 0	0	0.3	20 3
		10/29/13	73.0	0 0	N/A	54.9	0.1	0 9	0.4	0 0	0	0.3	20 5
		2/11/14	59.4	0 0	N/A	54.0	0.1	1 0	0.4	0 0	0	0.2	20.7
		4/22/14	57.9	0 0	N/A	51.2	0.0	2 0	0.8	0 0	0	0.1	20 6
		7/31/14	54.9	0 0	N/A	50.8	0.0	0.4	0.6	0 0	0	0.3	20.7
		10/28/14	55.2	0.1	N/A	59.1	0.5	1.7	1.2	0 0	0	0.2	20 6
		2/4/15	52.9	0 0	N/A	54.5	0.0	0 6	0.9	0 0	0	0.1	20.7
		4/30/15	53.7	0.1	N/A	52.6	0.2	1 6	1.5	0 0	0	0.1	20 9
		7/28/15	52.5	0 0	N/A	52.1	0.0	0 0	0.8	0 0	0	0.6	20 5
		11/2/15	51.7	0 0	N/A	50.7	0.0	0 0	0.2	0 0	0	0.3	20.7
		1/27/16	55.0	0 0	N/A	51.7	2.7	0 0	0.0	0 0	0	0.2	20 9
		5/2/16	51.6	0 0	N/A	55.8	0.0	0 0	0.1	0 0	0	0.3	20.7
		7/28/16	57.5	0 0	N/A	56.1	0.1	0 0	0.0	0 0	0	0.8	18 3
		10/19/16	55.2	0 0	N/A	54.4	0.0	0 0	0.7	0 0	0	0.8	20.7

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-41	26	7/27/12	53.2	0 0	N/A	50.2	0.0	4.2	0.6	0 0	0	8.1	11 0
		10/9/12	46.8	0 0	N/A	40.5	0.0	0.9	0.7	0 0	0	8.8	10 0
		1/29/13	65.4	0 0	N/A	41.5	0.0	0.7	0.3	0 0	0	2.0	19 0
		4/30/13	50.4	0 0	N/A	52.4	1.6	0.7	0.6	0 0	0	0.4	19 6
		8/2/13	66.1	0 0	N/A	56.2	0.1	0.9	0.6	0 0	0	0.6	20.1
		10/29/13	57.5	0.4	N/A	65.8	0.1	0.8	0.5	0 0	0	0.5	20 2
		2/11/14	64.9	0 0	N/A	54.2	0.0	0.8	0.5	0 0	0	0.3	20 6
		4/22/14	53.8	0 0	N/A	52.1	0.0	1.8	0.8	0 0	0	0.1	20 5
		7/31/14	52.9	0 0	0.0	50.5	0.0	0.4	0.7	0 0	0	0.4	20.4
		10/28/14	55.1	0 0	N/A	51.4	0.6	2.2	1.8	0 0	0	0.5	20 5
		2/4/15	56.1	0 0	N/A	50.2	0.0	0.4	1.0	0 0	0	0.2	20 5
		4/30/15	51.7	1.1	N/A	58.5	0.1	2.0	1.6	0 0	0	0.1	20 9
		7/28/15	57.9	0 0	N/A	51.2	0.0	0.0	0.6	0 0	0	0.5	20 3
		11/2/15	52.6	0 0	N/A	55.4	0.0	0.0	0.2	0 0	0	0.6	20 5
		1/27/16	70.7	0.1	N/A	55.4	0.1	0 0	0.0	0 0	0	0.4	20 9
		5/2/16	52.8	0 0	N/A	54.3	0.0	0 0	0.1	0 0	0	0.4	20 8
		7/28/16	64.4	0 0	N/A	55.0	3.4	0 0	0.0	0 0	0	0.5	18 0
		10/19/16	57.5	0 0	N/A	51.2	0.0	0 0	0.5	0 0	0	1.4	20 8
VMP-42	10	4/18/12	52.7	0 0	N/A	69.5	0.1	3 0	0.6	0 0	0	3.5	18 0
		7/19/12	51.5	0 0	N/A	72.0	0.1	1 2	0.7	0 0	0	1.6	19.4
		10/12/12	49.2	0 0	0.0	52.6	0.0	1 5	4.6	0 0	0	1.1	20.4
		1/31/13	52.8	0 0	N/A	41.9	0.0	0.7	0.2	0 0	0	0.6	20 6
		4/30/13	53.6	0 0	N/A	55.1	0.1	0 8	0.4	0 0	0	0.1	20 5
		8/2/13	66.8	0 0	N/A	63.2	0.1	0 6	0.7	0 0	0	1.0	19 6
		10/29/13	63.4	0 0	N/A	53.3	0.1	1.1	0.5	0 0	0	0.5	20 2
		2/7/14	67.8	0 0	N/A	50.0	0.0	1 6	0.7	0 0	0	0.3	20 8
		4/22/14	57.4	0 0	N/A	51.2	0.1	1 9	0.5	0 0	0	0.3	20.4
		8/6/14	57.6	0 0	N/A	58.3	0.0	0 8	1.0	0 0	0	1.3	20 0
		11/4/14	58.5	0 0	N/A	52.1	0.7	0 3	0.7	0.1	0	0.1	20 9
		2/3/15	52.6	0 0	N/A	51.3	0.0	0 6	0.9	0 0	0	0.2	20 5
		4/29/15	63.4	0 0	N/A	54.7	0.1	0 9	1.0	0 0	0	0.6	20 2
		7/21/15	55.6	0 0	N/A	56.0	0.1	0 0	0.4	0 0	0	0.8	19.1
		10/27/15	54.2	0 0	N/A	50.0	0.0	0 0	0.9	0 0	0	0.5	20 6
		2/1/16	51.3	0 0	N/A	51.5	0.0	0 0	0.2	0 0	0	0.1	20 9
		4/26/16	51.2	0 0	N/A	60.0	0.3	0 0	0.0	0 0	0	0.2	20 6
		7/26/16	52.4	0 0	N/A	51.5	0.0	0 0	0.1	0 0	0	1.2	19.1
		10/27/16	72.9	0 0	N/A	69.3	0.0	0 0	0.4	0 0	0	1.0	20 8
	20	4/18/12	51.5	0 0	N/A	66.8	0.0	837	39.5	0 0	0	10.8	5 8
		7/19/12	54.0	0 0	N/A	69.5	0.0	1.4	0.8	0 0	0	6.7	14 2
		10/12/12	64.2	0 0	0.0	83.0	0.2	1 0	0.9	0 0	0	4.1	17.7
		1/31/13	52.4	0 0	N/A	41.7	0.0	0.4	0.2	0 0	0	3.2	18 0
		4/30/13	57.2	0 0	N/A	63.0	0.1	1 0	0.5	0 0	0	0.8	19 9
		8/2/13	57.9	0 0	N/A	57.9	0.1	0 8	0.8	0 0	0	2.9	17 6
		10/29/13	57.0	0 0	N/A	51.6	0.1	0.7	0.6	0 0	0	2.2	19.4
		2/7/14	55.8	0 0	N/A	52.3	0.0	1 6	0.9	0 0	0	1.0	20 5
		4/22/14	65.8	0 0	N/A	52.3	0.1	1 0	0.5	0 0	0	0.6	19 9
		8/6/14	78.6	0 0	N/A	70.8	0.0	1.1	0.9	0 0	0	3.3	17.7
		11/4/14	59.5	0 0	N/A	58.2	0.4	0 5	0.8	0 0	0	0.3	20 9
		2/3/15	51.5	0 0	N/A	51.8	0.0	0 3	1.0	0 0	0	0.9	20.1
		4/29/15	63.4	0 0	N/A	55.8	0.0	0.7	1.3	0 0	0	0.7	19 5
		7/21/15	58.0	0 0	N/A	54.3	0.1	0 0	0.3	0 0	0	2.7	16 8
		10/27/15	55.4	0 0	N/A	51.7	0.0	0 0	0.6	0 0	0	2.2	19 5
		2/1/16	51.6	0 0	N/A	52.2	0.8	0 0	0.4	0 0	0	0.0	20 9
		4/26/16	51.6	0 0	N/A	51.1	0.0	0 0	0.0	0 0	0	0.6	19.7
		7/26/16	54.9	0 0	N/A	51.0	0.0	0 0	0.1	0 0	0	1.5	18 8
		10/27/16	53.9	0 0	N/A	50.5	0.0	0 0	0.4	0 0	0	2.7	19 3

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-42	30	4/19/12	54.6	0 0	N/A	68.5	0.0	9330	160	11.5	OVR	12.3	0.2
		7/19/12	51.8	0 0	0.2	64.7	0.0	550	29.4	0 3	6	9.2	5.4
		10/12/12	51.6	0 0	0.0	65.8	0.0	14.7	2.2	0 0	0	8.6	12 0
		1/31/13	51.5	0 0	N/A	46.0	0.0	3.4	0.4	0 0	0	7.0	14 9
		4/30/13	57.5	0 0	N/A	53.1	0.1	1.4	0.6	0 0	0	2.4	19.1
		8/2/13	56.2	0 0	N/A	50.5	0.0	1.0	0.7	0 0	0	3.2	16 9
		10/29/13	65.9	0 0	0.0	50.0	0.2	1.0	0.9	0 0	0	3.4	18.7
		2/7/14	62.8	0 0	N/A	53.6	0.0	1.9	1.1	0 0	0	2.8	19 5
		4/22/14	60.4	0 0	N/A	52.5	0.0	1.3	0.9	0 0	0	1.3	19 8
		8/6/14	59.2	0 0	N/A	56.1	0.0	2.4	1.8	0 0	0	2.4	18 3
		11/4/14	78.8	0 0	N/A	62.8	0.2	0.2	0.9	0 0	0	7.8	19 8
		2/3/15	54.6	0 0	N/A	55.6	0.0	0.2	1.2	0 0	0	1.1	19 8
		4/29/15	55.4	0 0	N/A	61.7	0.0	1.1	1.2	0 0	0	0.7	19 5
		7/21/15[9]	53.9	0 0	N/A	53.6	0.1	0.0	0.4	0 0	0	1.5	18 2
		10/27/15	58.7	0 0	N/A	51.5	0.0	0.0	0.7	0 0	0	1.9	20.1
		2/1/16	54.5	0 0	N/A	52.8	0.0	0.0	0.3	0 0	0	0.9	20 8
		4/26/16	50.6	0 0	N/A	52.9	0.0	0.0	0.0	0 0	0	0.5	20 2
		7/26/16	51.7	0 0	N/A	50.2	0.2	0 0	0.1	0 0	0	1.0	19.1
		10/27/16	52.6	0 0	N/A	51.3	0.1	0 0	0.6	0 0	0	2.5	19 5
VMP-43	10	4/16/12	50.3	0 0	0.0	53.5	4.2	1 5	0.8	0 0	0	0.0	20 9
		7/19/12	67.2	0 0	0.0	65.4	2.5	2 5	0.6	0 0	0	1.0	19.7
		10/16/12	66.3	0 0	N/A	40.1	0.0	1.4	0.5	0 0	0	0.4	18 5
		1/24/13[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/17/13[7]	50.6	0 0	N/A	74.5	6.9	0 3	0.2	0 0	0	0.6	18.7
		8/9/13	72.8	0 0	N/A	56.1	5.0	0 9	0.3	0 0	0	0.6	18.7
		11/13/13[7]	62.2	0 0	N/A	58.0	4.3	1 9	0.6	0 0	0	0.2	19 6
		2/27/14	75.3	0 8	N/A	54.7	1.6	0.4	0.2	0 0	0	0.1	20.4
		5/5/14	56.5	0 0	N/A	57.2	0.3	1 3	1.3	0 0	0	0.3	20 9
		8/6/14	57.9	0.1	N/A	50.8	4.0	1 5	1.7	0 0	0	0.0	19 5
		11/12/14[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/10/15	60.4	0.1	N/A	50.5	0.3	1.4	1.0	0 0	0	0.1	20 9
		5/5/15	53.1	0 0	N/A	50.7	1.0	1 5	1.3	0 0	0	0.3	19 9
		7/21/15	53.3	0 0	N/A	67.3	0.0	0 0	0.2	0 0	0	0.5	19 5
		10/29/15	61.2	0 0	N/A	53.8	0.3	0 0	0.3	0 0	0	0.2	20 9
		2/1/16	55.7	0 0	N/A	61.9	0.1	0 0	0.0	0 0	0	0.0	20.7
		4/27/16	55.6	0 0	N/A	50.8	0.0	0.1	0.5	0 0	0	0.2	20 5
		7/27/16	54.4	0 0	N/A	50.5	0.0	0 0	0.4	0 0	0	0.6	20 0
		10/26/16	58.3	0 0	N/A	52.6	0.0	0 0	0.6	0 0	0	0.1	20 8

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-43	20	4/16/12	52.5	0 0	0.1	86.0	0.1	338	33.5	0 0	1	4.3	15.1
		7/19/12	67.0	0 0	0.0	50.7	0.1	37 8	7.7	0 0	0	2.7	17 9
		10/18/12	72.1	0 0	N/A	55.1	0.0	12 9	1.6	0 0	0	2.8	18 3
		1/24/13	52.4	0 0	N/A	33.5	0.0	6.8	0.5	0 0	0	3.0	17.4
		4/30/13	54.6	0 0	N/A	50.1	0.8	11 0	0.8	0 0	0	1.5	18 9
		8/9/13	60.6	0 0	N/A	55.9	0.1	1.9	0.6	0 0	0	2.2	17 6
		10/29/13	60.9	0.4	N/A	52.5	1.0	1.1	0.8	0 0	0	0.5	20 8
		2/27/14	67.0	0 0	N/A	52.2	0.0	2.9	3.7	0 0	0	0.2	20.7
		5/5/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/13/14[7]	54.0	0 0	N/A	49.2	0.1	1.7	1.6	0 0	0	0.4	20 2
		11/6/14	53.6	0 0	N/A	52.1	0.4	2.2	1.0	0 0	0	0.3	20 5
		2/12/15	53.6	0 0	N/A	59.6	0.0	1.6	1.0	0 0	0	0.1	20.7
		5/5/15	54.1	0 0	N/A	56.4	0.1	2.2	1.4	0 0	0	0.1	20 6
		7/21/15	51.9	0 0	N/A	52.4	0.1	0.0	0.4	0 0	0	0.6	19.7
		10/29/15	74.9	0 0	N/A	59.0	0.2	0.0	0.3	0 0	0	0.3	20 9
		2/1/16	58.7	0 0	N/A	53.8	0.1	0.0	0.1	0 0	0	0.3	20 6
		4/27/16	57.6	0 0	N/A	58.6	0.2	0.0	0.6	0 0	0	0.4	20 2
		7/27/16	51.4	0 0	N/A	55.4	0.4	0 0	0.2	0 0	0	0.6	19.7
		10/26/16	52.7	0 0	N/A	51.4	0.0	0 0	0.5	0 0	0	0.2	20 8
	30	4/23/12[7]	61.2	0 0	N/A	82.2	0.0	36 3	26.0	0 0	0	4.3	16.1
		7/19/12	66.7	0 0	0.0	52.0	0.0	10 3	1.6	0 0	0	2.4	18 0
		10/18/12	66.5	0 0	N/A	59.0	0.0	2.1	0.5	0 0	0	1.6	19.4
		1/24/13	51.3	0 0	N/A	42.5	0.0	2 3	0.3	0 0	0	2.0	18 8
		4/30/13	55.7	0 0	N/A	51.0	0.1	5.7	0.6	0 0	0	2.6	17 6
		8/9/13	74.7	0 0	N/A	51.0	0.2	3.1	0.5	0 0	0	1.7	18 2
		10/29/13	53.2	0 0	N/A	62.0	0.6	2.1	0.9	0 0	0	1.1	20 0
		2/27/14	59.3	0 0	N/A	50.3	0.4	27 9	0.4	0 0	0	1.0	19 6
		4/22/14	73.3	0 0	N/A	51.0	0.5	10.7	0.8	0 0	0	0.8	19.1
		8/6/14	54.3	0 0	N/A	66.1	0.6	2 3	2.0	0 0	0	0.4	19.7
		11/12/14[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/17/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/5/15	51.8	0.1	N/A	59.0	0.1	2.7	1.9	0 0	0	0.2	20 6
		7/21/15	54.0	0 0	N/A	49.0	0.2	0 0	0.4	0 0	0	0.9	19 2
		10/29/15	60.6	0.1	N/A	57.2	0.0	0 0	0.3	0 0	0	0.2	20 9
		2/1/16	63.5	0 0	N/A	61.5	0.4	0 0	0.2	0 0	0	0.4	20 5
		4/27/16	52.7	0 0	N/A	52.8	0.0	0 0	0.6	0 0	0	0.2	19 2
		7/27/16	51.9	0 0	N/A	51.9	2.3	0 0	0.2	0 0	0	1.4	17 9
		10/26/16	54.6	0 0	N/A	54.1	0.0	0 0	0.5	0 0	0	0.3	20 6

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-44	10	4/19/12	51.5	0 0	N/A	61.3	0.0	15900	770	52.1	OVR	9.2	5.5
		7/20/12	51.0	0 0	N/A	50.2	0.0	9340	500	30.0	OVR	14.6	3.7
		8/10/12[12]	51.6	0 0	N/A	62.0	0.0	9450	437	29.4	OVR	13.9	5.5
		10/12/12	66.7	0 8	N/A	35.0	0.7	1370	245	0 9	20	5.4	13 0
		1/25/13	76.9	0 0	N/A	40.5	0.1	590	110	1.1	18	7.6	7.7
		4/29/13	66.7	0 0	N/A	50.2	0.8	54 2	21.5	0 0	0	3.2	15 8
		8/2/13	67.8	0 0	N/A	62.2	0.7	42.7	5.0	0 0	0	5.0	15 3
		8/23/13[12]	56.3	0 0	N/A	58.6	0.3	25 5	2.8	0 0	0	6.4	12.7
		11/11/13	56.6	0 0	N/A	52.3	0.0	8.3	0.8	0 0	0	5.5	13 8
		2/28/14	58.4	0 0	N/A	66.9	0.0	9.8	2.1	0 0	0	1.3	19 5
		4/30/14	60.0	0 0	N/A	50.5	0.0	3.9	2.2	0 0	0	2.3	18.4
		8/6/14	58.2	0 0	N/A	56.0	0.0	1.7	3.6	0 0	0	0.6	19 0
		11/4/14	61.2	0 0	N/A	60.5	0.1	0.3	0.9	0.1	0	1.1	20 3
		2/4/15	52.9	0 0	N/A	52.0	0.0	0.8	0.9	0 0	0	0.4	20.7
		5/1/15	51.7	0 3	N/A	57.5	0.3	3.3	1.0	0 0	0	0.2	20 5
		7/24/15	62.4	0 0	N/A	54.1	0.3	0.7	0.6	0 0	0	2.2	18.7
		10/28/15	52.5	0 0	N/A	62.2	0.0	0.0	0.0	0 0	0	1.5	18 6
		1/25/16	55.7	0 0	N/A	52.9	0.2	1.0	0.2	0 0	0	0.3	20 5
		4/28/16	73.8	0 0	N/A	55.7	0.1	0.0	0.4	0 0	0	0.6	20.4
		7/27/16	57.0	0 0	N/A	56.9	0.0	1.2	0.3	0 0	0	3.3	11 8
		10/27/16	55.9	0 0	N/A	52.4	0.0	0.0	0.5	0 0	0	1.2	19.7
	20	4/19/12	51.0	0 0	N/A	57.1	0.0	5420	432	8 6	OVR	11.5	1.3
		7/25/12	58.2	0 0	N/A	52.8	0.3	5200	420	9 5	OVR	16.1	2.2
		10/12/12	58.3	0 0	N/A	52.3	0.0	1800	223	1 6	32	7.6	12 8
		1/25/13	57.0	0 0	N/A	43.8	0.0	381	48.0	0.1	3	9.8	7.4
		4/29/13	52.3	0 0	N/A	52.0	0.0	225	71.2	0.1	2	4.2	14.1
		8/13/13[7]	65.6	0 0	N/A	59.6	0.1	9.5	1.0	0 0	0	5.6	14 5
		11/11/13	55.0	0 0	N/A	61.1	0.2	22 9	8.2	0 0	0	3.7	17 3
		2/28/14	55.3	1.4	N/A	59.2	1.8	10 2	1.8	0 0	0	1.5	19 0
		4/30/14	58.8	0.1	N/A	53.2	0.2	1.7	1.1	0 0	0	1.4	19.4
		8/6/14	62.4	0.1	N/A	58.3	0.3	2 6	4.6	0 0	0	1.8	17 6
		11/4/14	61.6	0 0	N/A	50.4	0.0	0 6	1.0	0 0	0	0.1	20 9
		2/4/15	54.3	0 2	N/A	51.3	0.5	0 8	0.9	0 0	0	0.3	20 6
		5/11/15	53.3	0 0	N/A	55.6	0.0	1 8	0.7	0 0	0	0.8	19 3
		7/24/15	54.5	0 3	N/A	52.7	0.5	4 8	0.5	0 0	0	1.9	18.7
		10/28/15	55.7	0 0	N/A	76.9	0.0	0 0	0.0	0 0	0	1.2	18 8
		2/2/16	67.6	0 0	N/A	50.7	0.0	0 0	0.0	0 0	0	0.3	20 5
		4/28/16	56.5	0.1	N/A	65.6	0.4	0 0	0.5	0 0	0	0.7	19 9
		7/27/16	57.4	0 0	N/A	52.6	2.9	0 8	0.5	0 0	0	2.7	12 3
		10/27/16	54.0	0 0	N/A	54.1	0.0	0 3	0.9	0 0	0	1.0	20.4

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-44	30	4/19/12	63.0	0 0	N/A	55.8	0.0	1760	140	0 5	10	10.2	2.1
		7/25/12	58.6	0 0	N/A	52.9	0.0	127	18.3	1 0	1	9.0	9.5
		10/15/12	60.8	0 0	N/A	40.2	1.8	290	42.5	0 2	4	5.7	15.1
		1/25/13[8]	52.5	1 0	N/A	61.0	0.1	42 9	5.5	0 0	0	1.5	19 2
		2/15/13	53.4	0 9	N/A	54.9	21.0	42 9	5.5	0 0	0	0.9	13.4
		4/30/13[7]	61.6	0 0	N/A	49.4	0.2	21 3	4.5	0 0	0	2.2	18.7
		8/13/13[7]	61.1	0 0	N/A	57.1	0.1	2.5	0.9	0 0	0	3.3	17 5
		11/11/13	58.7	0.1	N/A	53.4	0.1	1.8	0.6	0 0	0	1.5	19.4
		2/28/14	55.4	1 5	N/A	57.2	1.3	3.0	0.9	0 0	0	0.9	20 2
		4/30/14	58.1	0 2	N/A	51.8	0.2	0.5	0.4	0 0	0	0.9	19 9
		8/6/14	54.2	0 2	N/A	79.9	0.2	2.7	2.6	0 0	0	0.8	18.4
		11/4/14	62.0	0 0	N/A	49.7	0.0	0.7	1.0	0.1	0	0.8	20.1
		2/4/15	56.3	0 3	N/A	56.9	0.4	0.6	1.0	0 0	0	0.3	20 6
		5/11/15	54.3	0 0	N/A	51.3	0.1	1.9	0.9	0 0	0	0.8	19.4
		7/24/15	60.8	0 2	N/A	56.9	0.3	2.9	0.5	0 0	0	1.8	18 8
		10/28/15	55.7	0.1	N/A	67.4	0.0	0.0	0.0	0 0	0	1.4	18.7
		1/25/16	56.3	0 0	N/A	51.4	0.0	1.0	0.2	0 0	0	0.2	20.7
		4/28/16	54.8	0.1	N/A	56.5	0.2	0.0	0.5	0 0	0	0.5	19 8
		5/5/16	57.3	0 0	N/A	56.4	0.0	0.0	0.6	0 0	0	0.6	20 6
		7/27/16	56.8	0.1	N/A	59.6	0.5	1.4	0.5	0 0	0	2.5	11 6
		10/27/16	59.8	0 0	N/A	52.1	0.1	0 0	1.1	0 0	0	1.0	20 6
VMP-45	10	4/19/12	61.9	0 0	0.0	80.9	0.5	3 8	1.6	0 0	0	0.9	19 9
		7/19/12	65.0	0 0	N/A	69.7	0.4	0.7	0.6	0 0	0	0.7	19 6
		10/15/12	76.7	0 0	N/A	43.8	0.1	0.7	0.3	0 0	0	0.4	20 9
		1/30/13	45.9	0 0	N/A	49.4	0.0	0 2	0.2	0 0	0	0.2	20 9
		4/30/13[7]	53.6	0 0	N/A	42.7	0.0	2 8	0.6	0 0	0	0.1	20.7
		8/5/13	56.2	0 0	N/A	53.0	0.2	1 5	0.7	0 0	0	0.7	20 2
		10/29/13	77.8	0 6	N/A	79.7	0.8	1.1	0.4	0 0	0	0.2	20 9
		2/7/14	79.8	0 0	N/A	59.0	0.0	1 5	0.5	0 0	0	0.1	20 9
		4/22/14	59.6	0 0	N/A	52.4	0.2	2 9	1.3	0 0	0	0.2	20 6
		8/1/14	59.7	0 0	N/A	55.1	0.0	1 5	1.3	0 0	0	0.4	20 9
		10/24/14	51.2	0 0	N/A	54.9	0.1	2 3	2.3	0 0	0	0.3	20.7
		2/6/15	53.2	0 0	N/A	55.8	0.0	1.4	0.7	0 0	0	0.1	20.7
		4/29/15	51.3	0 0	N/A	55.6	0.1	2.1	1.7	0 0	0	0.1	20 9
		5/12/15[9]	55.1	0 0	N/A	52.2	0.2	0 8	0.8	0 0	0	0.1	20.7
		7/21/15	60.1	0 0	N/A	53.3	0.0	1 2	0.5	0 0	0	0.3	20.4
		10/28/15	62.2	0 0	N/A	58.6	0.1	0 0	0.1	0 0	0	0.0	20 8
		1/25/16	70.1	0 0	N/A	57.4	0.0	0 0	0.2	0 0	0	0.0	20 9
		3/9/16	56.3	0 0	N/A	51.8	0.0	0 0	0.0	0 0	0	0.1	20 9
		4/28/16	50.8	0 0	N/A	52.8	0.2	0 0	0.3	0 0	0	0.1	20.7
		8/26/16	63.4	0 0	N/A	59.0	0.1	0 0	0.0	0 0	0	0.2	20 6
		10/28/16	53.9	0 0	N/A	52.7	0.0	0 6	0.7	0 0	0	0.1	20 5

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-45	20	4/19/12	60.2	0 0	0.0	59.2	0.0	1300	206	0 5	11	5.9	13 2
		7/19/12	67.1	0 0	N/A	47.6	0.0	220	46.5	0 0	1	4.3	15 9
		10/15/12	51.1	1 3	0.0	50.5	0.1	26 0	7.0	0 0	0	2.6	18.7
		1/30/13	49.5	0 0	N/A	59.4	0.0	17.1	1.2	0 0	0	2.1	18 8
		4/29/13	79.3	0 0	N/A	52.2	0.3	3.5	0.7	0 0	0	0.8	20 2
		8/5/13	57.5	0 0	N/A	48.9	1.3	2.1	0.7	0 0	0	1.8	18 9
		10/29/13	57.4	0 0	N/A	53.0	0.1	2.3	0.7	0 0	0	1.5	19.7
		2/7/14	53.5	0 0	N/A	45.9	0.0	4.9	0.8	0 0	0	1.6	19 2
		4/22/14	61.3	0 0	N/A	52.3	0.1	6.5	1.5	0 0	0	1.0	19.4
		8/1/14	51.9	0 2	N/A	57.4	1.5	1.5	1.4	0 0	0	0.6	20 5
		10/24/14	52.9	1.7	0.0	53.8	1.1	3.2	2.9	0 0	0	0.3	20.1
		2/6/15	56.7	0 0	N/A	54.3	0.2	1.5	0.8	0 0	0	0.1	20 6
		4/29/15	56.4	0.1	N/A	58.8	0.3	2.0	1.9	0 0	0	0.1	20 6
		7/21/15	50.5	0 0	N/A	57.9	0.3	0.0	0.5	0 0	0	0.4	20 2
		10/28/15	57.5	0 0	N/A	57.5	0.2	0.0	0.2	0 0	0	0.2	20 2
		1/25/16	59.2	0 0	N/A	60.5	0.0	0.0	0.2	0 0	0	0.1	20 9
		4/28/16	50.8	0 0	N/A	50.4	1.3	0.0	0.4	0 0	0	0.2	20.4
		7/27/16	50.8	0 0	N/A	50.8	0.7	0.0	0.7	0 0	0	0.4	19.4
		10/28/16	65.9	0 0	N/A	58.7	0.0	0 0	0.6	0 0	0	0.3	20 6
	30	4/19/12	52.3	0 0	9.3	51.3	0.0	9030	826	17.4	OVR	9.9	3.9
		7/19/12	51.5	0 0	N/A	51.8	0.0	610	210	0.4	8	7.6	8.4
		10/15/12	54.2	0 0	N/A	52.2	0.1	41.1	18.0	0 0	0	4.2	16.4
		1/30/13	50.3	0 0	N/A	37.8	0.0	55.4	10.3	0 0	0	3.7	17 3
		4/29/13	57.3	0 0	N/A	53.1	0.2	7.8	4.0	0 0	0	1.4	19 3
		8/5/13	52.2	0 0	N/A	54.6	0.3	5.5	3.4	0 0	0	2.4	18 2
		10/29/13	55.0	1.1	N/A	55.9	3.0	2.4	1.2	0 0	0	1.6	18 9
		2/7/14	58.7	0 0	N/A	52.4	0.0	15 8	8.8	0 0	0	1.7	19.4
		4/22/14	74.7	0 2	N/A	50.4	1.3	7.7	2.1	0 0	0	0.8	19.4
		8/1/14	57.7	0.4	0.0	51.9	4.0	2 6	2.6	0 0	0	1.1	19.1
		10/24/14[9]	67.0	0 9	0.0	55.5	4.5	2.7	2.6	0 0	0	0.9	18.4
		2/6/15	54.5	0 2	N/A	57.0	0.3	1.4	1.5	0 0	0	0.8	20.1
		4/29/15	55.0	0 5	N/A	52.0	0.4	2 0	2.2	0 0	0	0.6	19.7
		7/21/15	56.7	0 5	N/A	52.8	1.0	0 0	0.7	0 0	0	1.2	19 2
		10/28/15	56.6	0.4	N/A	69.3	0.6	0 0	0.3	0 0	0	1.3	20 2
		1/25/16	56.1	0 3	N/A	58.4	0.7	0 0	0.2	0 0	0	1.2	19.4
		4/28/16	53.7	1 6	N/A	51.4	2.4	0 0	0.8	0 0	0	0.8	19.7
		7/27/16	52.9	0 2	N/A	56.7	0.3	0 0	0.7	0 0	0	1.3	18.4
		10/28/16	58.4	0 0	N/A	51.4	0.0	0 8	0.5	0 0	0	2.0	19 0
VMP-47	5	1/21/13	65.9	0 0	N/A	44.0	0.0	0 5	0.3	0 0	0	7.9	12 6
		6/5/13	53.9	0 0	N/A	40.4	1.6	57300	59.9	59.8	OVR	11.9	1 0
		7/26/13	76.0	0 0	N/A	65.6	0.0	51.4	0.6	0 0	0	12.4	2 5
		11/8/13	56.3	0 0	N/A	49.5	0.4	8 8	5.0	0 0	0	0.3	20 9
		2/18/14	66.8	0 0	N/A	51.0	0.2	0.7	0.7	0 0	0	0.6	20 5
		4/29/14	69.3	0 0	N/A	64.4	0.0	1.1	1.1	0 0	0	1.2	19 6
		8/13/14[7]	58.2	0 0	N/A	55.9	0.0	1 6	1.4	0 0	0	1.8	19 2
		9/30/14[12]	68.7	0 0	N/A	49.5	0.0	0 3	0.8	0 0	0	0.7	20.4
		10/28/14	54.7	0 0	N/A	54.9	0.1	1 3	0.8	0 0	0	1.2	19 8
		2/2/15	55.8	0 0	N/A	52.9	0.2	0 8	2.0	0 0	0	0.4	20 6
		4/28/15	56.1	0 2	N/A	50.6	0.0	1.4	0.8	0 0	0	0.9	20 2
		7/21/15	55.3	0 0	N/A	64.1	0.0	0 0	0.3	0 0	0	1.7	19 6
		10/27/15	54.2	0 0	N/A	57.8	0.0	0 0	0.6	0 0	0	0.2	20 9
		1/29/16	54.6	0 0	N/A	50.2	0.0	0 0	0.3	0 0	0	0.3	20 9
		4/25/16	53.4	0 0	N/A	52.9	0.0	0 0	0.2	0 0	0	0.7	20 2
		7/25/16	59.9	0 0	N/A	56.8	0.0	0 0	0.6	0 0	0	0.9	19.1
		10/26/16	54.6	0 0	N/A	51.2	0.0	0 0	0.7	0 0	0	0.3	20 5

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-47	10	1/21/13	73.8	0 0	N/A	65.1	0.0	1.0	0.3	0 0	0	12.8	6.6
		6/5/13	50.4	0 0	N/A	61.5	0.3	44600	71.9	51.4	OVR	10.9	0.8
		7/26/13	65.8	0 0	N/A	66.5	0.1	15000	62.1	7.4	OVR	12.6	1.5
		11/8/13	64.5	0 0	N/A	67.8	0.4	2.4	1.0	0 0	0	1.8	19 8
		2/18/14	53.9	0 0	N/A	58.2	0.0	1.0	0.7	0 0	0	0.8	20 5
		4/29/14	59.2	0 0	N/A	52.9	0.0	0.4	1.2	0 0	0	1.3	19.4
		7/31/14	54.1	0 0	N/A	52.7	0.0	0.6	0.9	0 0	0	1.3	20.1
		10/28/14	56.2	0 0	N/A	53.8	0.1	1.3	0.7	0 0	0	1.0	20 0
		2/2/15	61.6	0 0	N/A	52.7	0.0	2.0	3.2	0.1	1	0.5	20 6
		4/28/15	62.4	0 0	N/A	53.6	0.8	1.8	1.3	0 0	0	0.4	20.7
		7/21/15	65.7	0 0	N/A	59.6	0.1	0.0	0.4	0 0	0	1.1	20 0
		10/27/15	54.7	0 0	N/A	60.1	0.0	0.0	0.6	0 0	0	0.4	20.7
		1/29/16	54.7	0.4	0.0	53.3	0.0	0.0	0.3	0 0	0	0.3	20 9
		4/25/16	57.4	0 0	N/A	59.1	0.0	0 0	0.3	0 0	0	0.5	20 3
		8/2/16	62.0	0 0	N/A	50.1	0.1	0 2	0.2	0 0	0	0.6	20.1
		10/26/16	62.1	0 0	N/A	52.0	0.1	0 0	0.6	0 0	0	0.1	20.7
	20	1/21/13	64.0	0 0	N/A	37.0	0.0	6700	108	5 6	OVR	13.6	2 2
		6/5/13	51.2	0 0	N/A	62.4	0.3	52600	73.3	65.1	OVR	10.4	1 2
		7/26/13	61.6	0 0	N/A	62.5	0.8	52800	62.3	43.9	OVR	10.9	1.1
		11/8/13	63.9	0 0	N/A	64.0	0.3	1 3	0.9	0 0	0	3.1	19.1
		2/19/14	56.0	0 0	N/A	56.2	0.2	1 6	1.0	0 0	0	0.8	20.4
		4/29/14	61.0	0 0	N/A	55.3	0.0	0 6	1.4	0 0	0	1.3	19.1
		7/31/14	69.3	0 0	N/A	57.0	0.1	1 3	1.1	0 0	0	1.1	20 3
		10/28/14	53.0	0 0	N/A	52.1	1.0	1 9	1.1	0 0	0	0.8	19 9
		2/2/15	55.8	0 0	N/A	50.0	0.1	0 9	3.3	0 0	0	0.4	20.4
		4/28/15	54.1	0 0	N/A	63.8	0.0	1 5	1.5	0 0	0	0.4	20 8
		7/21/15	60.1	0 0	N/A	59.0	0.0	0 0	0.4	0 0	0	1.1	19 9
		10/27/15	50.5	0 0	N/A	56.3	0.0	0 0	0.5	0 0	0	0.4	20 8
		1/29/16	54.2	0 0	N/A	50.2	5.8	0 0	0.2	0 0	0	0.2	20.1
		4/25/16	56.4	0 0	N/A	53.5	0.0	0 0	0.3	0 0	0	0.3	20 2
		7/25/16	53.3	0 0	N/A	55.0	0.0	0 0	0.7	0 0	0	0.9	19 5
		10/26/16	57.1	0 0	N/A	69.9	0.0	0 0	0.6	0 0	0	0.5	20.4
	30	1/21/13	61.5	0 0	N/A	32.2	0.0	21600	64.2	6.7	OVR	11.4	1.4
		6/5/13	51.2	0 5	N/A	43.7	0.6	79000	69.2	81.1	OVR	9.8	0 9
		7/26/13	57.1	2 3	OVR	52.7	2.1	110000	69.8	OVR	OVR	8.7	1 5
		11/8/13	60.8	0 0	N/A	55.5	0.4	19 9	6.5	0 0	0	4.2	15 5
		2/19/14	55.5	0 0	N/A	45.2	0.3	1.4	1.2	0 0	0	1.1	19 9
		4/29/14	72.4	0 0	N/A	61.0	0.4	0 6	1.5	0 0	0	1.5	18 8
		7/31/14	74.8	0 0	N/A	61.4	0.0	1 6	1.2	0 0	0	1.6	19.7
		10/28/14	56.2	0 0	N/A	55.0	0.1	1 6	1.3	0 0	0	1.3	19 9
		2/2/15	60.9	0 0	N/A	53.2	0.0	1.1	1.9	0 0	0	0.7	20 3
		4/28/15	57.3	0 3	N/A	58.1	0.9	1 9	2.8	0 0	0	0.4	20 6
		7/21/15	59.7	0 0	N/A	59.4	0.0	0 0	0.5	0 0	0	1.2	19 6
		10/27/15	51.5	0 0	N/A	60.3	0.2	0 0	0.5	0 0	0	1.0	20 6
		1/29/16	50.2	0 0	N/A	71.3	0.0	0 0	0.3	0 0	0	0.6	20 9
		4/25/16	53.4	0 0	N/A	55.0	0.0	0 0	7.1	0 0	0	0.5	19.4
		7/25/16	58.4	0 0	N/A	51.7	0.0	0 0	0.8	0 0	0	1.4	18 9
		10/26/16	60.6	0 0	N/A	55.6	0.1	0 0	0.8	0 0	0	1.1	20.1

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-48	5	2/1/13	80.7	0 0	N/A	47.6	0.1	0.3	0.2	0 0	0	0.3	20 2
		5/3/13	52.7	0 0	N/A	57.1	0.1	1.9	0.2	0 0	0	0.5	18 3
		8/6/13	86.7	0 0	N/A	57.1	0.2	0.9	0.4	0 0	0	7.1	13.7
		11/5/13	60.1	0 0	N/A	48.1	0.0	1.9	0.3	0 0	0	1.3	19.7
		2/28/14	67.8	0 0	N/A	52.3	0.0	2.7	0.6	0 0	0	0.6	20 5
		4/28/14	52.7	0 0	N/A	63.3	0.0	0.5	0.5	0 0	0	1.2	18 5
		8/1/14	62.1	0 0	N/A	59.5	0.0	0.7	2.4	0 0	0	4.7	16 9
		10/29/14	63.6	0 0	N/A	54.8	0.7	1.5	0.7	0 0	0	2.4	18.4
		2/2/15	52.9	0 0	N/A	57.4	0.0	2.7	2.0	0.1	0	0.5	20 5
		4/28/15	58.7	0 0	N/A	52.3	0.0	1.6	1.2	0 0	0	0.5	20 5
		7/21/15	61.7	0 0	N/A	59.3	0.0	0.0	0.7	0 0	0	6.8	13.4
		10/20/15	52.7	0 0	N/A	54.7	0.0	0.0	0.2	0 0	0	1.5	18.1
		1/29/16	60.1	0 0	N/A	50.3	0.2	0.0	0.4	0 0	0	0.5	20 8
		4/25/16	56.1	0 0	N/A	58.6	0.0	0 0	0.3	0 0	0	1.1	19 3
		7/25/16	52.9	0 0	N/A	50.8	0.0	0 0	0.5	0 0	0	3.3	13.4
		10/26/16	53.7	0 0	N/A	66.3	0.1	0 0	0.5	0 0	0	3.0	18.7
	10	2/1/13	62.0	0 0	N/A	43.0	0.0	0 6	0.4	0 0	0	3.1	18 0
		5/8/13[7]	53.7	0 0	N/A	73.1	0.2	1 2	1.0	0 0	0	1.9	17 8
		8/6/13	76.7	0 0	N/A	56.2	0.1	1.1	0.5	0 0	0	5.9	14 5
		10/31/13	55.4	0 0	N/A	50.7	0.1	1.4	0.5	0 0	0	4.1	17 9
		2/18/14	70.7	0 0	N/A	52.5	0.0	1.4	0.6	0 0	0	1.7	19.7
		4/28/14	60.1	0 0	N/A	75.9	0.0	0 5	0.8	0 0	0	1.3	19 5
		8/1/14	60.9	0 0	N/A	52.6	0.0	1.1	1.5	0 0	0	4.0	17.4
		10/29/14	54.6	0 0	N/A	54.8	0.1	1 3	0.8	0 0	0	2.6	17 9
		2/2/15	51.1	0 0	N/A	51.2	0.0	1 3	1.5	0 2	0	0.9	20 2
		4/28/15	58.5	0 0	N/A	57.7	0.0	2.1	0.6	0 0	0	1.1	20.1
		7/21/15	54.3	0 0	N/A	55.7	0.0	0 0	0.9	0 0	0	5.0	16 0
		10/20/15	54.7	0 0	N/A	51.7	0.0	0 0	0.3	0 0	0	2.0	18.4
		1/29/16	51.8	0 0	N/A	53.2	0.0	0 0	0.3	0 0	0	0.8	20.4
		4/25/16	58.2	0 0	N/A	51.4	0.0	0 0	0.3	0 0	0	1.0	19 5
		7/25/16	52.6	0 0	N/A	50.8	0.0	0 0	1.1	0 0	0	2.6	16 9
		10/26/16	59.4	0 0	N/A	52.9	0.0	0 0	0.5	0 0	0	5.1	16.1
	20	2/1/13	57.0	0 0	N/A	31.1	0.1	0.7	0.5	0 0	0	4.3	17 0
		5/16/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/6/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/31/13	53.0	0 0	N/A	50.4	0.1	1 0	0.4	0 0	0	5.9	16.7
		2/18/14	71.8	0 0	N/A	51.5	0.0	1.1	0.7	0 0	0	2.9	19 2
		4/28/14	54.8	0 0	N/A	74.4	0.1	0.4	1.0	0 0	0	1.7	19 6
		8/1/14	61.2	0 0	N/A	54.7	0.0	1.1	1.6	0 0	0	3.0	17.4
		10/29/14[9]	55.9	0 0	N/A	55.4	0.6	1 6	0.9	0 0	0	4.3	16 9
		11/18/14	53.7	0 0	N/A	57.8	0.0	0 2	0.4	0 0	0	4.2	17 9
		2/2/15	52.7	0 0	N/A	52.7	0.0	0.7	1.6	0.1	0	3.0	19 6
		4/28/15	57.5	0 2	N/A	61.3	0.5	2 9	0.9	0 0	0	1.0	19 8
		7/21/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/20/15	55.0	0 0	N/A	51.6	0.0	0 0	0.3	0 0	0	4.1	17 2
		1/29/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/16	62.5	0 0	N/A	58.5	0.1	0 0	0.3	0 0	0	1.2	19 0
		7/25/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/16	67.4	0 0	N/A	61.8	0.0	0 0	0.6	0 0	0	4.8	15.7

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-48	30	2/1/13	52.7	0 0	N/A	40.0	0.0	35.7	3.5	0 0	0	11.9	0.0
		5/3/13	55.6	0 0	N/A	54.3	0.0	6.9	1.5	0 0	0	10.2	3.8
		8/6/13	78.9	0 0	N/A	58.8	0.2	0.7	1.0	0 0	0	9.3	8.6
		11/5/13[7]	55.2	0 0	N/A	68.3	0.3	2.1	0.5	0 0	0	7.8	11 9
		2/18/14	78.6	0 0	N/A	51.5	0.0	1.6	0.9	0 0	0	7.7	15 0
		4/28/14	54.8	0 0	N/A	72.4	0.3	1.0	1.3	0 0	0	0.1	20 8
		8/1/14	56.2	0 0	N/A	50.6	0.0	0.7	2.0	0 0	0	3.7	16.1
		10/29/14[9]	57.7	0 0	N/A	54.0	0.8	1.6	1.0	0 0	0	6.0	14 3
		11/18/14	54.3	0 0	N/A	66.0	0.0	0.2	0.6	0 0	0	6.3	15.1
		2/2/15	54.5	0 0	N/A	54.8	0.0	0.5	1.7	0.1	0	5.7	17.7
		4/28/15	64.2	0 0	N/A	51.2	0.0	2.4	1.3	0 0	0	9.7	9.2
		8/3/15[9]	51.8	0 0	N/A	53.4	0.0	0.0	0.3	0 0	0	3.2	16.7
		10/20/15	51.3	0 0	N/A	54.7	0.0	0.4	0.6	0 0	0	5.3	16 5
		1/29/16	53.8	0 0	N/A	52.4	0.0	0 2	0.3	0 0	0	5.1	17.7
		4/25/16	59.9	0 0	N/A	54.7	0.0	0 0	0.3	0 0	0	3.5	17 9
		7/25/16	52.3	0 0	N/A	50.1	0.0	0 0	0.9	0 0	0	3.1	17 5
		10/26/16	67.1	0 0	N/A	77.2	0.1	0 0	0.5	0 0	0	3.5	17 0
VMP-49	5	2/1/13	48.7	0 0	N/A	44.9	0.1	0 5	0.2	0 0	0	0.8	19 9
		5/7/13	62.0	0 0	N/A	46.4	0.1	0 5	0.5	0 0	0	0.5	19 0
		8/6/13	78.2	0 0	N/A	50.8	0.2	1 5	1.0	0 0	0	1.6	18 3
		11/11/13[7]	53.9	0 0	N/A	54.0	0.0	0 6	0.3	0 0	0	0.6	20 3
		2/18/14	59.7	0 0	N/A	54.2	0.0	1 3	0.8	0 0	0	0.3	20 8
		4/28/14	71.2	0 0	N/A	55.5	0.1	0 3	1.6	0 0	0	0.5	20.4
		8/1/14	64.4	0 0	N/A	57.2	0.1	0.7	1.6	0 0	0	1.2	20 0
		10/29/14	60.2	0 0	N/A	55.8	0.1	1 5	0.8	0 0	0	0.8	20.1
		2/3/15	59.1	0 0	N/A	50.9	0.0	0 9	0.7	0 0	0	0.2	20 6
		4/28/15	59.6	0 0	N/A	58.5	0.0	1.1	0.9	0 0	0	1.5	19.1
		7/30/15	60.3	0 0	N/A	57.2	0.0	0 0	0.2	0 0	0	0.1	20.1
		11/3/15	55.2	0 0	N/A	57.1	0.1	0 0	0.2	0 0	0	0.3	20 9
		2/1/16	52.7	0 0	N/A	51.0	0.0	0 0	0.2	0 0	0	0.1	20 9
		4/26/16	51.9	0 0	N/A	50.8	0.2	0 0	0.7	0 0	0	0.3	20 5
		8/1/16	64.8	0 0	N/A	53.9	0.1	0 0	0.2	0 0	0	0.7	20.7
		10/27/16	57.1	0 0	N/A	55.7	0.0	0 0	0.3	0 0	0	0.5	20 6
	10	2/1/13	57.6	0 0	N/A	51.4	0.1	0.7	0.4	0 0	0	0.7	19 6
		5/7/13	54.5	0 0	N/A	41.5	0.0	0 6	0.6	0 0	0	0.9	18.7
		8/6/13	64.1	0 0	N/A	63.4	0.1	2 5	0.9	0 0	0	4.1	15.4
		10/31/13	68.7	0 0	N/A	55.5	0.1	1.4	0.4	0 0	0	1.3	19.7
		2/18/14	63.9	0 0	N/A	56.8	0.0	2 2	0.8	0 0	0	0.4	20.7
		4/28/14	76.1	0 0	N/A	60.7	0.0	0.4	1.6	0 0	0	0.8	19 8
		8/1/14	74.7	0 0	N/A	61.4	0.1	1 9	1.8	0 0	0	2.5	18 8
		10/29/14	54.5	0 0	N/A	51.4	0.2	1.7	0.6	0 0	0	1.6	19 6
		2/3/15	57.4	0 0	N/A	57.9	0.0	1.1	0.8	0 0	0	0.3	20 8
		4/28/15	54.2	0 0	N/A	66.4	0.1	2.4	1.3	0 0	0	1.3	19 3
		7/30/15	59.7	0 0	N/A	51.7	0.0	0 0	0.3	0 0	0	2.5	18 8
		11/3/15	53.3	0 0	N/A	54.6	0.0	0 0	0.2	0 0	0	0.4	20 9
		2/1/16	56.1	0 0	N/A	51.4	0.1	0 0	0.3	0 0	0	0.2	20 9
		4/26/16	51.2	0 0	N/A	51.9	0.1	0 0	0.6	0 0	0	0.9	20.1
		8/1/16	52.0	0 0	N/A	56.8	0.1	0 0	0.2	0 0	0	2.4	19 5
		10/27/16	53.3	1.1	N/A	52.8	0.1	0 0	0.4	0 0	0	0.8	20.1

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-49	20	2/1/13	50.9	0 8	N/A	51.6	0.9	0.9	0.4	0 0	0	0.4	20 0
		5/9/13	53.8	0 0	N/A	57.0	0.2	0.3	0.5	0 0	0	0.2	20 5
		8/6/13	71.3	0 3	N/A	67.4	1.4	2.7	1.0	0 0	0	5.0	13.4
		11/11/13[7]	58.7	0 0	N/A	69.9	1.1	1.2	0.6	0 0	0	1.0	19 8
		2/18/14	56.8	0 0	N/A	53.1	0.0	2.8	0.9	0 0	0	0.3	20 8
		4/28/14	51.6	0 0	N/A	69.0	0.0	0.6	1.8	0 0	0	1.1	18 8
		8/1/14	80.4	0 0	N/A	72.2	0.1	1.7	1.9	0 0	0	2.4	18 6
		10/29/14	59.4	0 0	N/A	55.0	0.2	2.1	0.8	0 0	0	1.5	19 5
		2/3/15	52.2	0 0	N/A	53.3	0.0	1.8	0.9	0 0	0	0.2	20.7
		4/28/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/30/15	72.8	0 2	N/A	61.8	0.5	0 0	0.4	0 0	0	2.3	18.7
		11/3/15	55.6	0 0	N/A	51.5	0.0	0 0	0.2	0 0	0	0.2	20 9
		2/1/16	66.7	1.1	N/A	64.4	2.3	0 0	0.2	0 0	0	0.2	20 8
		4/26/16	52.1	0 2	N/A	55.5	0.6	0 0	0.0	0 0	0	0.9	19 9
		8/1/16	53.0	2.1	0.0	52.6	3.1	0 0	0.1	0 0	0	1.8	19 6
		10/27/16	59.6	1 6	N/A	58.8	1.6	0 0	0.4	0 0	0	0.7	19 8
	30	2/1/13	58.3	0 0	N/A	49.4	0.0	1100	26.3	0 2	4	13.0	2 5
		5/8/13	68.2	0 0	N/A	53.7	0.0	414	29.5	0 0	0	1.6	17 9
		8/6/13	62.3	0 0	N/A	61.1	0.0	370	53.8	0 5	10	6.5	1 8
		11/11/13	58.2	0 0	N/A	53.0	0.3	9 5	3.6	0 0	0	3.4	16 3
		2/18/14	64.7	0 0	N/A	68.3	0.0	5 0	1.6	0 0	0	0.3	20 8
		4/28/14	56.1	0 0	0.0	52.5	0.0	0 6	2.2	0 0	0	7.2	7.7
		8/1/14	52.2	0 0	N/A	61.7	0.0	0.4	1.6	0 0	0	4.0	14 0
		10/29/14	57.8	0 0	N/A	50.2	0.3	1 5	1.2	0 0	0	4.2	16 6
		2/3/15	53.5	0 0	N/A	55.9	0.0	0 5	0.9	0 0	0	3.8	15.1
		4/28/15	61.2	0 0	N/A	56.9	0.0	1 6	1.1	0 0	0	3.7	18 6
		7/30/15	76.3	0 0	N/A	64.2	0.0	4650	81.7	2 2	44	13.4	0.4
		11/3/15	59.2	0 0	N/A	54.1	0.0	0 0	0.2	0 0	0	14.1	4.4
		2/1/16	52.3	0 0	N/A	55.6	0.0	0 0	0.3	0 0	0	15.4	6 8
		4/27/16	52.7	0 0	N/A	53.3	0.0	0 0	0.6	0 0	0	13.7	9 0
		8/1/16	54.0	0 0	N/A	51.5	0.0	0 0	0.1	0 0	0	9.5	11.1
		10/27/16	67.5	0 0	N/A	53.3	0.0	0 0	0.6	0 0	0	9.9	10 0
VMP-50	5	2/1/13	49.5	0 0	N/A	40.8	0.4	4 5	0.3	0 0	0	1.1	19 9
		5/7/13	75.8	0 0	N/A	74.1	0.5	0 9	0.4	0 0	0	1.9	17 2
		8/7/13	55.0	0 0	N/A	51.5	0.0	0 5	1.0	0 0	0	7.0	12 2
		11/7/13	75.4	0 0	N/A	57.9	0.4	0 8	0.2	0 0	0	3.5	18.1
		2/26/14	57.1	0 0	N/A	52.6	0.0	0 9	0.2	0 0	0	0.9	20 6
		4/30/14	80.5	0 0	N/A	56.9	0.0	0.4	0.8	0 0	0	2.0	18 3
		8/14/14	62.0	0 0	N/A	50.7	0.0	4 3	1.4	0 0	0	5.9	13 8
		11/6/14	54.6	0 0	N/A	57.7	0.1	0.7	1.3	0 0	0	3.2	18 0
		2/10/15	54.0	0 0	N/A	51.5	0.0	1 3	0.9	0 0	0	0.3	20 5
		5/5/15	53.5	0 0	N/A	56.8	0.0	2 3	2.1	0 0	0	0.6	20.1
		7/30/15	51.5	0 0	N/A	54.2	0.0	0 0	0.5	0 0	0	2.2	18 2
		11/3/15	54.3	0 0	N/A	55.7	0.0	0 0	0.2	0 0	0	0.7	20.7
		2/2/16	54.7	0 0	N/A	54.7	0.0	0 0	0.5	0 0	0	0.2	20 9
		5/3/16	68.7	0 0	N/A	66.4	0.0	0 0	0.3	0 0	0	1.1	19 0
		8/2/16	54.1	0 0	N/A	53.9	0.8	0 0	0.6	0 0	0	5.2	13 2
		10/31/16	52.0	0 0	N/A	51.3	0.0	0 0	0.5	0 0	0	3.8	16.7

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-50	10	2/1/13	51.3	0 0	N/A	60.1	0.0	5.3	0.2	0 0	0	4.4	16 9
		5/7/13	64.2	0 0	N/A	43.8	0.0	0.5	0.4	0 0	0	2.5	17 3
		8/7/13	62.5	0 0	N/A	50.4	0.1	0.1	0.8	0 0	0	4.9	13.7
		11/7/13	67.8	0 0	N/A	48.9	0.1	1.1	0.4	0 0	0	5.8	16 3
		2/26/14	54.2	0 0	N/A	50.2	0.0	0.3	0.3	0 0	0	2.0	20 0
		4/30/14	58.3	0 0	N/A	52.5	0.0	0.3	0.7	0 0	0	1.9	19 0
		8/14/14	52.9	0 0	N/A	51.4	0.0	3.5	1.5	0 0	0	4.4	14 6
		11/6/14	55.9	0 0	N/A	52.3	0.2	1.0	1.9	0 0	0	4.4	17 3
		2/10/15	54.8	0 0	N/A	54.3	0.2	1.0	0.7	0 0	0	0.5	20 3
		5/5/15	51.8	0 0	N/A	51.4	0.0	2.8	2.5	0 0	0	0.6	19 9
		7/30/15	52.7	0 0	N/A	59.3	0.0	0.0	0.4	0 0	0	2.0	18 6
		11/3/15	54.2	0 0	N/A	54.0	0.0	0.0	0.2	0 0	0	1.2	20 2
		2/2/16	58.1	0 0	N/A	70.8	0.0	0.0	0.2	0 0	0	0.4	20.7
		5/3/16	63.9	0 0	N/A	58.2	0.1	0 0	0.3	0 0	0	1.0	18 6
		8/26/16	79.2	0 0	N/A	70.9	0.3	0 0	0.0	0 0	0	4.5	14.7
		10/31/16	55.3	0 0	N/A	50.0	0.0	0 0	0.5	0 0	0	4.8	14 8
	20	2/1/13	52.2	0 0	N/A	58.1	0.0	242	52.0	0 2	4	14.1	5 3
		5/7/13	55.5	21.1	2.0	50.1	0.2	49.1	14.2	0 2	4	8.8	9.4
		8/7/13	60.2	0 0	N/A	47.9	0.7	3 5	5.9	0 0	0	9.4	9 6
		11/7/13	68.9	0 0	N/A	62.0	0.2	1 6	0.9	0 0	0	10.0	12 8
		2/26/14	54.3	0 0	N/A	52.4	0.0	1 9	1.1	0 0	0	7.2	16 5
		4/30/14	51.9	0 0	N/A	50.0	0.0	1 3	1.0	0 0	0	4.5	17 5
		8/14/14	54.2	0 0	N/A	52.7	0.0	3.4	1.5	0 0	0	4.4	14.7
		11/6/14	54.2	0 0	N/A	52.3	0.0	1 0	2.0	0 0	0	6.8	15 3
		2/10/15	57.0	0 0	N/A	56.0	0.0	0 9	1.2	0 0	0	1.3	19 5
		5/5/15	51.3	0 0	N/A	53.8	0.0	3 5	2.4	0 0	0	0.7	19 8
		7/30/15	53.8	0 0	N/A	59.7	0.0	0 0	0.5	0 0	0	2.2	18.4
		11/3/15	61.7	0 0	N/A	71.3	0.0	0 0	2.0	0 0	0	1.7	19.4
		2/2/16	55.6	0 0	N/A	64.6	0.0	0 0	0.3	0 0	0	0.7	20 5
		5/3/16	65.6	0 0	N/A	62.2	0.0	0 0	0.3	0 0	0	1.3	19 0
		8/26/16	54.7	0 0	N/A	53.5	0.0	0 0	0.0	0 0	0	3.4	15 6
		10/31/16	59.6	0 0	N/A	51.6	0.0	0 0	0.5	0 0	0	4.9	14.1
	30	2/1/13	52.6	0 0	N/A	70.2	0.0	20800	570	31.3	OVR	8.0	14.1
		5/7/13	55.8	0 0	N/A	50.2	0.0	6600	730	22.8	OVR	13.3	3 3
		8/7/13	57.5	0 0	N/A	50.9	0.7	3100	560	16.0	OVR	3.8	16 8
		11/7/13	69.2	0 0	N/A	65.2	0.3	5560	655	6 9	OVR	3.2	19.1
		2/26/14	71.1	0 0	N/A	63.2	0.2	4590	639	6 0	OVR	2.7	19.4
		4/30/14	59.7	0 0	N/A	53.5	0.1	4850	543	8 8	OVR	2.2	18 9
		8/14/14	51.9	0.1	N/A	50.1	0.0	1120	299	8 0	17	1.9	18.4
		11/6/14	57.4	0 0	N/A	54.9	0.0	4577	621	3 3	67	2.7	18 8
		2/10/15	57.2	0 0	N/A	51.3	0.0	3720	762	6 0	OVR	2.0	19 0
		5/5/15	51.9	0 0	N/A	51.8	0.0	4111	545	3.1	58	1.3	19 3
		6/15/15[12]	57.0	0 0	N/A	52.2	1.5	2975	532	2 3	43	1.5	18.4
		7/30/15	52.4	0 0	N/A	58.1	0.0	3267	519	3 6	72	1.9	19 0
		11/3/15	53.6	0 0	N/A	52.0	0.0	1741	367	1 8	36	1.6	19 2
		2/2/16	60.6	0 0	N/A	57.5	0.3	1790	311	2 0	40	1.5	20 3
		5/3/16	63.5	0 0	N/A	60.3	0.0	1034	275	0 0	0	1.0	19 8
		8/2/16	52.9	0 0	N/A	51.9	0.0	444	52.6	0.4	8	1.5	15.4
		10/31/16	57.3	0 0	N/A	48.4	0.6	581	129	0 6	12	2.3	13 8

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-51	5	2/1/13	50.9	0 0	N/A	56.0	0.0	0.5	0.2	0 0	0	0.4	20 2
		5/2/13	59.4	0 0	N/A	47.1	1.0	2.5	0.4	0 0	0	0.8	20 0
		8/7/13	79.1	0 0	N/A	52.6	0.2	0.7	0.4	0 0	0	1.2	19 6
		10/30/13	79.2	0 0	N/A	58.3	0.1	1.8	0.5	0 0	0	0.3	20 2
		2/18/14	61.4	0.1	N/A	51.8	0.0	2.9	1.1	0 0	0	0.3	20.7
		4/28/14	67.9	0 0	N/A	56.9	0.1	0.5	1.4	0 0	0	0.6	20.1
		8/1/14	57.9	0 0	N/A	51.8	0.0	2.1	1.6	0 0	0	0.4	20 5
		10/29/14	68.0	0 0	N/A	58.3	0.0	6.5	1.8	0 0	0	0.4	20.7
		2/3/15	56.7	0 0	N/A	51.8	0.0	1.4	1.0	0 0	0	0.1	20 8
		4/29/15	54.7	0 0	N/A	53.6	0.0	2.1	1.4	0 0	0	0.1	20 8
		7/21/15	54.1	0 0	N/A	53.5	0.6	0.0	0.7	0 0	0	0.4	19 9
		10/28/15	51.4	0 0	N/A	67.2	0.0	0.0	0.3	0 0	0	0.1	20.7
		1/25/16	84.2	0.1	N/A	56.9	0.4	0.0	0.2	0 0	0	0.0	20 9
		4/28/16	51.4	0 0	N/A	55.6	0.0	0 0	0.6	0 0	0	0.2	20 6
		7/27/16	55.0	0 0	N/A	51.4	0.0	0 0	0.5	0 0	0	1.5	16 5
		10/19/16	62.8	0 0	N/A	56.2	0.0	0 0	0.3	0 0	0	0.5	20 6
	10	2/1/13	55.5	0 0	N/A	54.4	3.3	0 6	0.2	0 0	0	0.8	19.4
		5/2/13	63.8	0 0	N/A	42.4	0.1	0 8	0.5	0 0	0	0.9	19 9
		8/7/13	81.0	0 0	N/A	53.0	0.2	0 2	0.4	0 0	0	1.7	18 5
		10/30/13	65.6	0 0	N/A	63.7	0.0	1 2	0.6	0 0	0	0.6	20.1
		2/18/14	51.2	0 0	N/A	53.9	0.0	1 8	1.3	0 0	0	0.3	20.7
		4/28/14	58.1	0 0	N/A	56.3	0.0	0.4	1.3	0 0	0	0.6	20 0
		8/1/14	56.1	0 0	N/A	56.5	0.1	2 0	2.2	0 0	0	0.8	20 2
		10/29/14	81.9	0 0	N/A	60.9	0.0	2 0	1.1	0 0	0	0.7	20.1
		2/3/15	55.6	0 0	N/A	53.6	0.0	1 3	1.2	0 0	0	0.2	20.7
		4/29/15	57.4	0.1	N/A	53.3	0.0	1 6	0.8	0 0	0	0.3	20 5
		7/21/15	51.3	0 0	N/A	54.2	0.3	0 0	0.8	0 0	0	0.9	19.7
		10/28/15	61.3	0.1	N/A	63.4	0.1	0 0	0.3	0 0	0	0.2	20.1
		1/25/16	66.8	0 0	N/A	55.7	0.0	0 0	0.2	0 0	0	0.0	20 9
		4/28/16	54.1	0 0	N/A	54.7	0.0	0 0	0.5	0 0	0	0.4	20 2
		7/27/16	66.3	0 0	N/A	55.8	0.1	0 0	0.6	0 0	0	1.4	16.4
		10/19/16	63.2	0 0	N/A	48.3	0.0	0 0	0.5	0 0	0	0.8	20.1
	20	2/15/13[9]	53.2	0 0	N/A	63.4	0.1	1 0	0.2	0 0	0	3.3	18 8
		5/2/13	53.8	0 0	N/A	51.8	0.3	0.4	0.5	0 0	0	1.6	19 3
		8/7/13	68.0	0 0	N/A	53.3	0.3	0 0	0.6	0 0	0	2.9	17 2
		10/30/13	50.9	0 0	N/A	60.3	0.0	0 0	0.5	0 0	0	2.1	19 2
		2/18/14	67.6	0 0	N/A	51.5	0.0	1 2	1.5	0 0	0	1.1	20 3
		4/28/14	57.9	0 0	N/A	51.2	0.2	0.4	1.4	0 0	0	0.7	20 2
		8/1/14	56.0	0 0	N/A	53.1	0.0	2.4	2.7	0 0	0	1.9	19.4
		10/29/14	63.9	0 0	N/A	50.4	0.0	5 5	1.5	0 0	0	1.6	19 6
		2/3/15	53.5	0 0	N/A	54.2	0.0	0 2	1.1	0 0	0	0.7	20.4
		4/29/15	59.8	0.7	N/A	51.9	0.2	1.1	1.3	0 0	0	0.3	20 3
		7/21/15	55.0	0 0	N/A	50.7	0.1	0 0	0.9	0 0	0	1.3	18 9
		10/28/15	57.6	0 0	N/A	59.1	0.0	0 0	0.3	0 0	0	0.8	20 3
		1/25/16	57.6	0 0	N/A	51.6	0.3	0 0	0.2	0 0	0	0.4	20 2
		4/28/16	55.1	0 0	N/A	56.8	0.1	0 0	0.5	0 0	0	0.4	20 3
		5/25/16	66.1	0 0	N/A	53.5	0.2	0 0	0.0	0 0	0	0.8	19 9
		7/27/16	67.8	0 0	N/A	51.4	0.0	0 0	0.6	0 0	0	1.1	18 3
		10/19/16	68.2	0 0	N/A	60.2	0.0	0 0	0.3	0 0	0	2.1	19.4

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-51	30	2/1/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/4/13	52.3	0 0	N/A	53.9	0.2	0.4	0.1	0 0	0	4.3	18.4
		5/2/13	59.6	0 0	N/A	46.0	0.2	0.3	0.5	0 0	0	2.3	18 9
		8/7/13	63.6	0 0	N/A	53.0	0.2	0.0	0.6	0 0	0	2.9	16 9
		10/30/13	61.5	0 0	N/A	68.2	0.0	1.4	0.8	0 0	0	2.9	18.7
		2/18/14	54.5	0 0	N/A	53.3	0.0	0.9	1.2	0 0	0	1.9	19.7
		4/28/14	61.9	0 0	N/A	50.3	0.0	0.5	1.4	0 0	0	1.2	19 9
		8/1/14	58.0	0 0	N/A	52.5	0.0	1.3	1.8	0 0	0	2.2	18 9
		10/29/14	66.2	0 0	N/A	60.6	0.0	2.0	1.3	0 0	0	2.2	19 3
		2/3/15	54.3	0 0	N/A	53.5	0.0	0.2	1.1	0 0	0	1.2	19.7
		4/29/15	54.6	0 3	N/A	53.0	0.1	2 0	1.7	0 0	0	0.6	19 6
		7/21/15	57.0	0.4	N/A	51.8	0.0	0 0	0.9	0 0	0	1.3	18 9
		10/28/15	57.6	0.1	N/A	62.8	0.0	0 0	0.3	0 0	0	1.2	19 6
		1/25/16	59.7	0.1	N/A	58.1	0.0	0 0	0.2	0 0	0	0.9	19 9
		4/28/16	56.4	0 0	N/A	55.3	0.0	0 0	0.8	0 0	0	0.7	19 9
		7/27/16	62.9	0.1	N/A	52.4	1.0	0 0	0.5	0 0	0	1.1	16.7
		10/19/16	74.9	0 0	N/A	62.2	0.0	0 0	0.3	0 0	0	2.3	18.7
VMP-52	5	2/4/13	52.0	0 0	N/A	48.0	0.0	2 2	0.1	0 0	0	1.1	18 3
		5/2/13	52.6	0 0	N/A	52.0	0.0	0.4	0.3	0 0	0	1.7	15 5
		8/7/13	73.3	0 0	N/A	57.6	0.1	0 6	0.7	0 0	0	5 0.	13 9
		10/30/13	60.3	0 0	N/A	57.5	0.2	0 9	0.4	0 0	0	1.5	19 5
		2/21/14	67.2	0 0	N/A	58.0	0.0	9 3	0.3	0 0	0	0.5	19.1
		5/5/14	62.3	0 0	N/A	52.8	0.0	0 3	2.0	0 0	0	1.5	17.4
		8/1/14	51.4	0 0	N/A	54.4	0.0	1.4	1.6	0 0	0	5.1	17.7
		10/31/14	56.6	0 0	N/A	53.6	0.0	0.4	0.9	0 0	0	3.8	18 8
		2/4/15	54.5	0 0	N/A	52.4	0.0	0 6	1.1	0 0	0	1.2	20 2
		4/29/15	70.7	0 0	N/A	58.5	0.0	1 6	2.1	0 0	0	1.9	18.7
		7/27/15	58.3	0 0	N/A	56.3	0.2	0 0	0.6	0 0	0	6.6	14 5
		10/29/15	62.6	0 0	N/A	52.4	0.0	0 0	0.5	0 0	0	1.9	19 8
		1/25/16	62.3	0 0	N/A	54.9	0.1	0 0	0.2	0 0	0	0.6	20 9
		4/25/16	56.3	0 0	N/A	57.9	0.0	0 0	0.4	0 0	0	1.1	18.7
		7/27/16	61.5	0 0	N/A	57.6	0.3	0 0	0.4	0 0	0	4.3	12.4
		10/27/16	58.5	0 0	N/A	59.1	0.0	0 0	0.4	0 0	0	2.7	18 5
	10	2/4/13	54.3	0 0	N/A	54.9	0.0	4 6	0.2	0 0	0	2.7	14 9
		5/16/13	73.3	0 0	N/A	66.2	0.2	0.4	0.3	0.1	2	3.5	16 0
		8/7/13	76.4	0 0	N/A	56.0	0.1	0 2	0.7	0 0	0	5.0	13 6
		10/30/13	56.9	0 0	N/A	52.9	0.1	0 6	0.6	0 0	0	4.9	18.4
		2/21/14	82.1	0 0	N/A	54.6	0.1	1 0	0.4	0 0	0	1.5	19 8
		5/5/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/1/14	51.7	0 0	N/A	54.3	0.0	0 3	1.7	0 0	0	3.7	15 9
		10/31/14	55.6	0 0	N/A	50.1	0.0	0.1	0.8	0 0	0	6.2	14.1
		2/4/15	56.8	0 0	N/A	52.0	0.0	0 0	0.9	0 0	0	5.2	17.1
		4/29/15	57.2	0 0	N/A	51.4	0.0	1 0	1.9	0 0	0	3.4	17 2
		7/27/15	58.3	0 0	N/A	46.1	0.0	0 2	0.5	0 0	0	6.0	11 6
		10/29/15	55.6	0 0	N/A	55.6	0.0	0 0	0.7	0 0	0	7.8	18 0
		1/25/16	53.1	0 0	N/A	64.8	0.0	0 0	0.2	0 0	0	3.9	18 0
		4/25/16	61.6	0 0	N/A	57.7	0.0	0 0	0.4	0 0	0	2.6	18 3
		7/27/16	61.7	0 0	N/A	56.4	0.0	1 3	2.2	0 0	0	3.2	12.1
		10/27/16	56.2	0 0	N/A	58.3	0.0	0 0	0.4	0 0	0	5.8	14.4

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-52	20	2/4/13	61.0	0 0	N/A	52.7	0.0	5.6	0.4	0 0	0	6.5	13 0
		5/2/13	71.8	0 0	N/A	45.0	0.1	0.2	0.3	0 0	0	3.6	17.4
		8/7/13	75.2	0 0	N/A	56.9	0.1	0.4	0.8	0 0	0	3.0	16 3
		10/30/13	61.4	0 0	N/A	57.9	0.0	0.2	0.4	0 0	0	4.1	17 6
		2/21/14	73.0	0 0	N/A	60.2	0.1	1.0	0.5	0 0	0	3.2	19.1
		4/29/14	64.1	0 0	N/A	50.6	0.0	1.9	0.6	0 0	0	4.1	15 3
		8/1/14	52.5	0 0	N/A	52.7	0.0	1.2	1.8	0 0	0	4.0	16.4
		8/20/14[9]	58.0	0 0	N/A	51.2	0.0	0.3	1.0	0 0	0	4.3	16.1
		10/31/14	54.1	0 0	N/A	50.4	0.0	0.4	0.8	0 0	0	5.8	16 3
		2/4/15	57.1	0 0	N/A	54.2	0.0	0.2	0.9	0 0	0	5.3	16.4
		4/29/15	57.8	0 0	N/A	56.8	0.0	1.0	0.9	0 0	0	3.1	17 6
		7/27/15	61.2	0 0	N/A	46.5	0.0	0.2	0.5	0 0	0	3.0	17.1
		10/29/15	56.4	0 0	N/A	50.5	0.0	0.0	0.5	0 0	0	5.0	15 8
		1/25/16	57.6	0 0	N/A	51.1	0.0	0 0	0.2	0 0	0	3.9	18 3
		4/25/16	59.4	0 0	N/A	55.2	0.0	0 0	0.3	0 0	0	2.4	18 5
		7/27/16	64.1	0 0	N/A	52.8	0.0	0 0	0.4	0 0	0	2.5	17 8
		10/27/16	56.7	0 0	N/A	57.8	0.0	0 0	0.4	0 0	0	4.1	16.4
	30	2/4/13	55.6	0 0	N/A	51.3	0.0	9 9	0.6	0 0	0	7.2	12 0
		5/6/13	50.3	0 0	N/A	64.5	0.2	2.4	0.7	0 0	0	4.7	16.4
		8/7/13	80.1	0 0	N/A	51.7	0.1	0.1	0.8	0 0	0	3.1	16 2
		10/30/13	60.3	0 0	N/A	67.6	0.1	0 8	0.5	0 0	0	4.8	16 8
		2/21/14	64.2	0 0	N/A	55.2	0.0	1 3	0.5	0 0	0	4.3	17 3
		4/29/14	63.2	0 0	N/A	56.3	0.1	3 2	0.9	0 0	0	4.9	13 5
		8/1/14	57.8	0 0	N/A	52.3	0.0	0 6	1.7	0 0	0	4.6	15 9
		10/31/14	54.3	0 0	N/A	55.7	0.0	0 5	1.3	0 0	0	6.0	16.1
		2/4/15	55.9	0 0	N/A	54.2	0.0	0 3	1.1	0 0	0	5.8	15 8
		4/29/15	60.2	0 0	N/A	51.5	0.0	1 5	1.7	0 0	0	3.7	16 3
		7/27/15	59.1	0 0	N/A	47.9	0.0	0 5	0.0	0 0	0	3.4	16 5
		10/29/15	58.1	0 0	N/A	57.8	0.0	0 0	0.8	0 0	0	4.9	16 2
		2/2/16	60.2	0 0	N/A	53.7	0.1	0 0	0.5	0 0	0	4.4	17 5
		4/25/16	57.1	0 0	N/A	50.1	0.0	0 0	0.3	0 0	0	2.9	18 2
		7/27/16	54.9	0 0	N/A	62.2	0.0	0 0	0.6	0 0	0	2.5	17.7
		10/27/16	56.5	0 0	N/A	63.7	1.0	0 0	0.4	0 0	0	2.8	17 5
VMP-53	5	2/5/13	61.2	0 0	N/A	60.7	0.0	1 5	0.2	0 0	0	0.7	20 5
		5/2/13	62.0	0 0	N/A	54.5	1.8	0 6	0.3	0 0	0	0.6	19.7
		7/11/13	51.8	0 0	N/A	59.9	0.9	1 6	0.7	0 0	0	2.2	18.7
		8/6/13	54.0	0 0	N/A	41.9	0.0	1.7	0.8	0 0	0	1.9	19 0
		10/30/13	59.5	0 0	N/A	53.6	0.3	1.4	0.6	0 0	0	0.6	20.7
		2/21/14	53.7	0 0	N/A	50.1	0.1	1 8	0.4	0 0	0	0.4	20 5
		4/25/14	61.1	0 0	N/A	50.7	0.0	1 3	0.8	0 0	0	0.6	20.4
		7/30/14	53.6	0 0	N/A	52.8	0.0	3 5	2.9	0 0	0	1.8	19 0
		10/29/14	53.1	0 0	N/A	55.5	0.0	2 0	0.7	0 0	0	1.0	20 2
		2/4/15	54.8	0 0	N/A	51.5	0.0	0.7	1.3	0 0	0	0.3	20.4
		5/4/15	55.7	0 0	N/A	50.5	0.0	2 9	2.1	0 0	0	0.6	20 0
		7/24/15	55.2	0 0	N/A	54.2	0.0	0 0	0.7	0 0	0	1.9	19.4
		10/28/15	53.7	0 0	N/A	55.5	0.0	0 0	0.3	0 0	0	0.8	20 6
		1/28/16	73.1	0 0	N/A	64.7	0.0	0 0	0.3	0 0	0	0.4	20 8
		4/28/16	52.2	0 0	N/A	53.8	0.0	0 0	0.7	0 0	0	0.8	19 8
		7/29/16	62.9	0 0	N/A	54.3	0.0	0 0	0.5	0 0	0	2.1	18 0
		10/25/16	54.0	0 0	N/A	50.7	0.0	0 0	0.3	0 0	0	1.2	19 6
		12/9/16[12]	60.3	0 0	N/A	50.1	0.0	0 0	0.3	0 0	0	0.1	19 5

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-53	10	2/5/13	53.1	0 0	N/A	52.9	0.1	0.3	0.2	0 0	0	0.7	20 3
		5/3/13	63.2	0 0	N/A	53.2	0.1	2.6	0.8	0 0	0	0.6	20 3
		7/11/13	51.0	0 0	N/A	55.0	0.1	1.5	0.5	0 0	0	2.1	18.7
		8/6/13	60.5	0 0	N/A	66.2	0.6	2.4	1.0	0 0	0	1.6	19 3
		10/30/13	59.0	0 0	N/A	53.4	0.7	2.0	0.7	0 0	0	0.4	20 6
		2/21/14	62.9	0 0	N/A	50.0	0.0	1.6	0.5	0 0	0	0.3	20 6
		4/25/14	55.6	0 0	N/A	52.0	0.0	1.1	1.0	0 0	0	0.4	20 3
		7/30/14	51.5	0 0	N/A	51.6	0.1	2.7	2.7	0 0	0	1.4	19 2
		10/29/14	62.2	0 0	N/A	54.0	0.0	3.3	1.2	0 0	0	0.9	20 8
		2/4/15	53.5	0 0	N/A	56.3	0.0	0.3	1.2	0 0	0	0.2	20 6
		5/4/15	56.8	0 0	N/A	52.4	0.0	2.2	2.3	0 0	0	0.4	20.4
		7/24/15	61.0	0 0	N/A	57.0	0.0	0.2	0.6	0 0	0	1.4	19 9
		10/28/15	52.3	0 0	N/A	56.5	0.0	0.0	0.3	0 0	0	0.7	20 9
		1/28/16	58.2	0 0	N/A	54.1	0.0	0 0	0.2	0 0	0	0.2	20.7
		4/28/16	60.5	0 0	N/A	56.6	0.1	0 0	0.6	0 0	0	0.5	20 3
		8/26/16	60.3	0 0	N/A	53.4	0.7	0 0	0.0	0 0	0	1.5	19 6
		10/25/16	53.1	0 0	N/A	51.2	0.0	0 0	0.5	0 0	0	1.1	19 9
		12/9/16[12]	53.6	0 0	N/A	57.2	0.0	0 0	0.5	0 0	0	1.6	19 2
	20	2/5/13	55.6	0 0	N/A	41.8	0.1	2 3	0.3	0 0	0	2.2	20.1
		5/3/13	58.2	0 0	N/A	55.9	0.0	0 2	0.3	0 0	0	0.9	19 8
		7/11/13	55.4	0 0	N/A	52.4	0.1	1 9	0.8	0 0	0	2.3	18 2
		8/6/13	69.1	0.1	N/A	70.2	0.1	2 0	0.9	0 0	0	2.1	18 6
		10/30/13	62.9	0 0	N/A	60.5	0.5	1 2	0.6	0 0	0	1.1	20 0
		2/21/14	59.6	0 0	N/A	50.0	0.0	1 6	0.6	0 0	0	0.6	20 3
		4/25/14	54.0	0 2	N/A	54.4	0.1	1 0	0.9	0 0	0	0.1	20 3
		7/30/14	51.2	0 0	N/A	57.6	0.0	2.7	3.4	0 0	0	1.5	18.4
		10/29/14	58.1	0 0	N/A	51.4	0.0	2 8	1.3	0 0	0	1.8	19 9
		2/4/15	52.6	0 0	N/A	57.4	0.0	0.1	1.4	0 0	0	0.6	20 3
		5/4/15	55.4	0 6	N/A	51.5	0.1	2 9	2.6	0 0	0	0.4	20.1
		7/24/15	55.9	0 0	N/A	52.1	0.0	0.4	0.6	0 0	0	1.5	19 5
		10/28/15	52.3	0 0	N/A	52.5	0.0	0 0	0.4	0 0	0	1.4	20 5
		2/16/16	54.9	0 0	N/A	52.0	0.1	0 0	0.3	0 0	0	0.1	20.1
		4/28/16	52.1	0 0	N/A	53.1	0.1	0 0	0.8	0 0	0	0.6	20 2
		7/29/16	57.2	0 0	N/A	55.1	0.0	0 0	0.5	0 0	0	1.4	17 5
		10/25/16	55.5	0 0	N/A	51.1	0.0	0 0	0.3	0 0	0	2.1	18 0
		12/9/16[12]	50.0	0 0	N/A	59.0	0.2	0 0	0.4	0 0	0	3.0	17.4
	30	2/5/13	48.6	0 0	N/A	38.2	0.0	0 6	0.3	0 0	0	0.1	20 6
		5/3/13	66.2	0 0	N/A	57.7	0.1	2.1	0.6	0 0	0	2.5	18 9
		7/11/13	55.7	0 0	N/A	72.2	0.3	2 3	0.9	0 0	0	2.9	17 6
		8/6/13	55.4	0 0	N/A	60.0	0.2	2.7	1.1	0 0	0	2.9	17 5
		10/30/13	58.9	0 0	N/A	57.7	0.7	1 0	0.5	0 0	0	2.8	18 6
		2/21/14	65.3	0 0	N/A	62.0	0.0	1 3	0.6	0 0	0	1.8	19 5
		4/25/14	52.1	0 0	N/A	52.0	0.1	1 2	0.8	0 0	0	0.5	20.1
		7/30/14	52.1	0 0	N/A	53.2	0.0	2 5	3.0	0 0	0	1.9	17 9
		10/29/14	57.3	0 0	N/A	53.6	0.0	2.7	1.4	0 0	0	3.3	18 3
		2/4/15	72.6	0 0	N/A	54.1	0.0	0 2	1.3	0 0	0	2.3	19 6
		5/4/15	55.3	0 0	N/A	51.3	0.5	1 9	2.5	0 0	0	1.3	18 5
		7/24/15	57.8	0 0	N/A	70.9	0.0	0 3	0.7	0 0	0	2.0	18 3
		10/28/15	53.9	0 0	N/A	50.4	0.1	0 0	0.4	0 0	0	3.1	18 8
		1/28/16	57.3	0 0	N/A	50.5	0.0	0 0	0.3	0 0	0	3.1	18.4
		4/28/16	52.9	0 0	N/A	53.5	0.1	0 0	0.7	0 0	0	1.8	19 3
		5/25/16	71.9	0 0	N/A	57.7	0.1	0 0	0.3	0 0	0	1.9	18 8
		7/29/16	60.2	0 0	N/A	68.7	0.0	0 0	0.5	0 0	0	1.9	13 9
		10/25/16	55.4	0 0	N/A	50.6	0.0	0 0	0.8	0 0	0	3.0	16 8
		12/9/16[12]	50.0	0 0	N/A	53.5	0.0	0 0	0.3	0 0	0	3.8	16 5

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-54	5	2/6/13	60.4	0 0	N/A	63.4	0.1	1.8	0.2	0.1	1	1.6	18.7
		5/2/13	52.4	0 0	N/A	51.9	0.2	0.2	0.5	0 0	0	2.7	17 9
		8/6/13	57.8	0 0	N/A	51.7	0.0	1.5	0.8	0 0	0	5.9	15 0
		10/30/13	63.0	0 3	N/A	62.5	0.7	0.6	0.7	0 0	0	2.8	18 2
		2/10/14	67.8	0 0	N/A	50.0	0.0	0.7	0.5	0 0	0	1.2	20.1
		4/25/14	52.1	0 0	N/A	51.7	0.1	0.7	0.7	0 0	0	1.5	18.7
		7/30/14	53.3	0 0	N/A	52.9	0.0	4.4	3.0	0 0	0	4.0	16 6
		10/29/14	55.3	0 0	N/A	51.0	0.2	1.9	1.0	0 0	0	3.6	17 5
		2/5/15	51.1	0 0	N/A	50.0	0.0	0.2	0.9	0 0	0	1.2	20.4
		5/4/15	51.7	0 0	N/A	52.6	0.1	3.1	1.4	0 0	0	1.4	19.7
		7/24/15	60.0	0 0	N/A	56.8	0.0	0.0	0.7	0 0	0	4.0	16 6
		10/27/15	71.4	0 0	N/A	69.0	0.0	0.0	0.3	0 0	0	3.4	18 5
		1/28/16	54.8	0 0	N/A	75.4	0.0	0.0	0.3	0 0	0	1.3	19.7
		4/29/16	55.8	0 0	N/A	57.1	0.0	0 0	0.6	0 0	0	2.2	18 3
		8/1/16	57.3	0 0	N/A	54.3	0.0	0 0	0.0	0 0	0	4.2	16 0
		10/28/16	59.6	0 0	N/A	57.5	0.0	0 0	0.5	0 0	0	3.4	17.1
	10	2/6/13	61.4	0 0	N/A	60.2	0.1	0 5	0.2	0.1	1	3.0	17.1
		5/2/13	52.4	0 0	N/A	54.7	1.0	0 2	0.6	0 0	0	2.7	17 5
		8/6/13	60.2	0 0	N/A	43.6	0.2	1.7	1.0	0 0	0	4.6	15 6
		10/30/13	54.5	0 0	N/A	55.5	0.2	0 2	0.7	0 0	0	3.6	17 5
		2/10/14	50.2	0 0	N/A	53.1	0.0	0.4	0.6	0 0	0	2.0	19 2
		4/25/14	53.6	0 0	N/A	55.0	0.1	0 6	0.7	0 0	0	1.4	18 8
		5/8/14[9]	55.5	0 0	N/A	56.9	0.0	1 2	0.5	0 0	0	1.9	18 9
		7/30/14	54.9	0 0	N/A	51.0	0.0	3 0	2.3	0 0	0	2.9	17.1
		10/29/14	55.6	0 0	N/A	51.8	0.4	1 2	1.1	0 0	0	3.7	17 5
		2/5/15	50.4	0 0	N/A	50.2	0.0	0 0	1.0	0 0	0	1.7	19 8
		5/4/15	51.7	0 0	N/A	54.9	0.0	1 2	1.5	0 0	0	1.1	18 5
		7/24/15	59.2	0 0	N/A	56.9	0.0	0 0	0.3	0 0	0	2.7	17 5
		10/27/15	54.9	0 0	N/A	55.9	0.0	0 0	0.4	0 0	0	3.4	18 3
		1/28/16	62.7	0 0	N/A	66.3	0.0	0 0	0.4	0 0	0	2.0	19 0
		4/29/16	55.8	0 0	N/A	55.7	0.0	0 0	0.7	0 0	0	0.8	20 3
		8/1/16	54.5	0 0	N/A	50.9	0.0	0 0	0.6	0 0	0	2.6	16 8
		10/28/16	60.2	0 0	N/A	57.1	0.0	0 0	0.5	0 0	0	3.4	16 0
	20	2/6/13	64.8	0 0	N/A	50.2	0.1	0 6	0.2	0.1	1	4.6	15.1
		5/2/13	54.4	0 0	N/A	60.0	0.6	0 2	0.6	0 0	0	2.8	16 5
		8/6/13	54.9	0 0	N/A	52.6	0.2	2 2	0.9	0 0	0	3.6	15 9
		10/30/13	54.5	0 0	N/A	52.1	0.3	0 6	1.0	0 0	0	4.3	16.1
		2/10/14	60.2	0 0	N/A	50.2	0.0	0.7	0.8	0 0	0	3.2	18 0
		4/25/14	55.7	0 0	N/A	55.5	0.1	2 3	0.6	0 0	0	0.0	20.7
		7/30/14	58.1	0 0	N/A	51.4	0.0	1 6	2.6	0 0	0	2.3	17.4
		10/29/14	52.1	0 0	N/A	51.9	0.1	1 0	1.2	0 0	0	3.9	16 6
		2/5/15	51.1	0 0	N/A	50.1	0.0	0 0	1.2	0 0	0	2.8	19.1
		5/4/15	57.5	0 0	N/A	53.7	0.0	1 5	1.8	0 0	0	1.0	18 5
		7/24/15	55.2	0 0	N/A	52.8	0.0	0 0	0.7	0 0	0	1.6	18 9
		10/27/15	52.6	0 0	N/A	69.3	0.0	0 0	0.3	0 0	0	3.2	17 9
		1/28/16	56.1	0 0	N/A	52.5	0.0	0 0	0.4	0 0	0	2.3	18 3
		5/5/16	59.5	0 0	N/A	54.1	0.0	0 0	0.5	0 0	0	2.1	18 8
		8/1/16	56.9	0 0	N/A	53.2	0.0	0 0	0.2	0 0	0	1.7	17 2
		10/28/16	78.7	0.4	N/A	51.3	0.6	0 0	0.6	0 0	0	2.2	16 6

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-54	30	2/6/13	51.0	0 0	N/A	42.0	0.0	0.5	0.1	0.1	4	5.4	15.4
		5/2/13	51.1	0 0	N/A	51.5	0.0	0.4	0.7	0 0	0	3.3	15 9
		8/6/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/30/13	60.4	1.4	N/A	54.0	1.4	0.4	0.8	0 0	0	4.3	15 6
		2/10/14	69.3	0 0	N/A	55.5	0.0	0.5	1.1	0 0	0	3.7	17.7
		4/25/14	54.8	0 2	N/A	54.3	0.9	1.1	0.8	0 0	0	2.3	17.7
		7/30/14	50.6	0 0	N/A	55.3	0.0	2.8	2.2	0 0	0	2.2	17 3
		10/29/14	53.6	0.1	N/A	51.1	4.5	1.3	1.7	0 0	0	2.0	18 2
		10/29/14	62.2	0 0	N/A	52.6	2.9	3.1	1.3	0 0	0	0.4	20 6
		2/12/15	55.4	0 9	N/A	52.2	5.6	3.3	2.2	0 0	0	0.8	17 5
		5/4/15	53.6	0.1	N/A	52.2	0.8	0.0	0.3	0 0	0	3.0	17 0
		8/3/15	60.2	0 0	N/A	58.9	0.0	0.4	0.6	0 0	0	2.1	18 8
		10/27/15	57.9	0.4	N/A	50.1	2.7	0 0	0.3	0 0	0	0.7	19 9
		1/28/16	56.2	0 0	N/A	56.0	0.0	0 0	0.7	0 0	0	1.0	18 3
		4/29/16	55.3	0 0	N/A	50.6	1.3	0 0	0.8	0 0	0	2.9	13 6
		10/28/16	55.4	0.4	N/A	51.3	0.6	0 3	0.7	0 0	0	1.9	18 0
VMP-55	5	2/15/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/7/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/8/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/18/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/5/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/13/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/4/14	54.2	0 0	N/A	54.4	0.6	22 2	1.7	0 0	0	18.3	1 8
		2/5/15	50.1	0 0	N/A	52.4	0.0	1 6	1.4	0 0	0	16.8	3.4
		5/6/15	51.4	0 0	N/A	52.3	0.0	3 5	1.5	0 0	0	17.2	2.7
		7/29/15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/15	52.9	0 0	N/A	58.6	0.0	202	14.9	0 0	0	17.8	1 6
		2/4/16	69.3	0 0	N/A	58.4	0.0	31 2	13.7	0 0	0	17.0	2 8
		5/4/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/26/16[9]	60.1	0 0	N/A	57.6	0.0	2 6	1.2	0 0	0	19.2	2 3
		11/1/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10	2/15/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/7/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/8/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/18/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/5/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/13/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/4/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/5/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/6/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/29/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/4/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/4/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/1/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-55	20	2/15/13	50.8	2 5	OVR	49.8	3.1	195000	48.7	OVR	OVR	17.5	1.4
		5/1/13	60.4	3 5	OVR	40.0	4.1	476000	55.1	OVR	OVR	16.4	1.7
		8/7/13	51.0	2 5	26 5	55.6	2.5	140000	33.8	87.7	OVR	16.1	1.7
		11/8/13	59.9	0 5	10 3	55.0	0.6	60000	59.9	17.3	OVR	17.0	0.6
		2/18/14	60.2	0 2	N/A	50.9	0.3	59400	68.8	23.5	OVR	15.7	0.6
		5/5/14	56.5	0 3	N/A	75.8	0.6	55800	149	28.7	OVR	15.4	3.7
		8/13/14	52.5	0 0	N/A	52.6	0.0	13280	355	6.4	OVR	14.5	1.3
		11/4/14	55.0	0 0	N/A	51.6	0.5	9800	225	2.1	42	15.9	0.5
		2/5/15	53.3	20.0	N/A	56.1	0.0	9900	117	2.1	41	18.9	1.5
		5/6/15	50.6	0 0	N/A	51.5	0.0	26390	181	9 9	98	13.7	1.4
		7/29/15	55.2	0 0	N/A	55.2	0.0	2740	17.8	0 3	6	15.4	0.6
		11/2/15	54.5	0 0	N/A	53.1	0.0	34590	252	46.2	OVR	16.5	1.1
		2/4/16	64.6	0 0	N/A	58.4	0.0	17760	395	14.6	OVR	20.7	0.8
		5/4/16	55.2	0 0	N/A	51.4	0.0	38100	224	24.1	OVR	15.9	1.6
		8/3/16	53.8	0 0	N/A	51.6	0.0	44580	124	19.0	OVR	16.9	1.4
		11/1/16	67.6	0 0	N/A	53.9	0.1	54120	148	22.4	OVR	18.4	1.6
	30	2/15/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/1/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/7/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/8/13[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/18/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/5/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/13/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/4/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		3/9/15	52.5	0 0	N/A	53.1	0.0	32070	174	10.9	OVR	12.0	1.1
		5/6/15	51.3	0 0	N/A	55.2	0.0	30620	232	12.5	58	10.1	1 5
		6/15/15[12]	50.2	0 0	N/A	73.0	0.2	5000	58.2	0 6	12	12.8	1.1
		7/29/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/2/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/4/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/4/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		8/3/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/1/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-56	10	5/1/14	74.1	0 0	N/A	64.5	0.2	1.7	1.0	0 0	NS	0.1	20 8
		8/12/14	52.7	0 0	N/A	51.1	0.4	2.7	1.0	0 0	0	0.1	20 8
		11/5/14	70.0	0 0	N/A	50.7	3.0	1.4	NM	0 0	0	0.3	19.7
		2/10/15	54.2	0 0	N/A	68.4	0.0	0 6	0.3	0 0	0	0.1	20 8
		5/11/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/31/15[8]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		11/3/15	51.1	0 0	N/A	58.0	0.0	0 0	0.2	0 0	0	0.1	20.7
		2/4/16	53.4	0 0	N/A	51.6	0.4	0 0	0.4	0 0	0	0.1	20.7
		5/5/16	55.2	0 0	N/A	52.6	0.0	NS	NS	0 0	0	0.5	20 5
		7/27/16	64.1	0 0	N/A	53.3	0.7	0 0	0.2	0 0	0	1.1	18 2
		10/24/16	62.3	0 0	N/A	54.6	0.0	0 0	0.2	0 0	0	0.6	20 3
	25	5/1/14	59.0	0 0	N/A	54.8	0.0	1.4	1.1	0 0	NS	0.8	19 9
		8/12/14	53.3	0 0	N/A	52.7	0.0	1 9	1.2	0 0	0	1.6	19 3
		11/5/14	67.0	0 0	N/A	50.3	0.0	1 0	1.3	0 0	0	1.1	19.7
		2/10/15	60.1	0 0	N/A	55.4	0.1	0 5	0.3	0 0	0	0.2	20.7
		5/7/15	66.9	0.1	N/A	52.1	0.0	1 6	1.6	0 0	0	0.3	20 6
		7/31/15	53.4	0 0	N/A	51.4	0.1	0 0	0.6	0 0	0	0.6	19 6
		11/3/15	64.5	0 0	N/A	58.9	0.1	0 0	0.2	0 0	0	0.1	20 5
		2/4/16	50.7	0 0	N/A	53.8	8.0	0 0	0.2	0 0	0	0.1	19 9
		5/5/16	53.7	0 0	N/A	50.8	0.0	NS	NS	0 0	0	0.5	20 0
		7/27/16	65.1	0 0	N/A	53.8	0.0	0 0	0.2	0 0	0	1.4	18.4
		10/24/16	63.9	0 0	N/A	52.4	0.0	0 0	0.4	0 0	0	1.0	19.7

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-56	38.5	5/1/14	67.0	3 5	N/A	59.4	4.7	1000000	211	OVR	NS	5.4	3.8
		8/12/14	51.6	0 0	N/A	51.4	0.1	410000	215	OVR	OVR	6.2	8.5
		11/5/14	66.0	0 0	N/A	57.4	0.0	274000	292	OVR	OVR	1.7	18.1
		2/10/15	58.6	0 0	N/A	55.5	0.0	89400	660	OVR	OVR	2.4	17 9
		5/7/15	57.2	1 3	N/A	59.4	1.3	1000000	259	OVR	OVR	10.3	1.5
		6/15/15[12]	62.1	1.1	OVR	61.0	1.8	259000	388	OVR	OVR	11.5	2.2
		7/31/15	56.8	0 8	N/A	67.5	0.9	109000	109	OVR	OVR	9.8	4.3
		11/3/15	56.8	0 0	N/A	58.5	0.0	192000	233	OVR	OVR	1.3	18.4
		2/4/16	52.8	0 0	N/A	51.5	1.0	346000	311	OVR	OVR	5.0	12 5
		5/5/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/27/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/24/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VMP-62	5	2/10/14	51.2	0 0	N/A	53.5	0.0	0 3	0.9	0 0	0	1.2	19 8
		4/25/14	80.4	0 0	N/A	60.7	0.0	1 5	0.5	0 0	0	1.9	18 6
		7/30/14	56.0	0 0	N/A	51.8	0.0	1.7	1.2	0 0	0	2.7	17 8
		11/10/14[7]	60.6	0 0	N/A	56.0	0.0	0 9	0.9	0 0	0	1.1	19 8
		2/3/15	53.6	0 0	N/A	50.4	0.0	0 3	0.6	0 0	0	0.8	20 3
		4/28/15	52.3	0 0	N/A	51.5	0.8	1 0	1.2	0 0	0	1.5	19 5
		7/24/15	54.8	0 0	N/A	52.9	0.0	0 0	0.6	0 0	0	5.5	15 5
		10/20/15	56.0	0 0	N/A	54.6	0.0	0 0	0.7	0 0	0	1.4	18.7
		1/28/16	64.4	0 0	N/A	59.9	0.0	0 0	0.2	0 0	0	0.9	20 8
		4/25/16	71.2	0 0	N/A	65.4	0.1	0 0	0.2	0 0	0	1.9	18.1
		7/26/16	51.6	0 0	N/A	58.8	0.0	0 0	0.0	0 0	0	5.5	13 3
		10/24/16	56.8	0 0	N/A	59.0	0.0	0 0	0.4	0 0	0	2.4	18 9
	10	2/10/14	52.6	0 0	N/A	50.6	0.0	0 5	1.0	0 0	0	1.6	19 9
		4/25/14	55.4	0 0	N/A	55.5	0.0	1.4	0.5	0 0	0	1.6	19 3
		7/30/14	51.4	0 0	N/A	51.4	0.0	2 3	1.4	0 0	0	3.9	16.7
		10/28/14	64.1	0 0	N/A	50.1	0.3	1.4	0.9	0 0	0	3.0	18.7
		2/3/15	55.9	0 0	N/A	51.5	0.0	0.4	0.6	0 0	0	1.2	20 2
		4/28/15	52.1	0 0	N/A	50.2	0.0	1 9	1.4	0 0	0	1.3	19 9
		7/24/15	77.3	0 0	N/A	55.1	0.1	0 0	0.5	0 0	0	4.2	16 6
		10/20/15	59.6	0 0	N/A	53.5	0.0	0 0	0.7	0 0	0	2.1	18 6
		1/28/16	50.3	0 0	N/A	53.7	0.0	0 0	0.3	0 0	0	1.3	20 3
		4/25/16	57.2	0 0	N/A	55.5	0.0	0 0	0.3	0 0	0	1.2	19 0
		7/26/16	51.9	0 0	N/A	53.5	0.0	0 0	0.0	0 0	0	3.7	16 8
		10/24/16	59.0	0 0	N/A	59.2	0.0	0 0	0.5	0 0	0	20.4	19.7
	20	2/10/14	50.6	0 0	N/A	55.5	0.0	0 5	0.8	0 0	0	1.6	19 8
		4/25/14	79.1	0 0	N/A	52.7	0.4	1 2	0.7	0 0	0	1.5	19 3
		7/30/14	64.8	0 0	N/A	64.7	0.0	2.7	1.3	0 0	0	3.3	17 9
		10/28/14	56.0	0 0	N/A	51.8	0.1	1 5	1.0	0 0	0	2.5	19 2
		2/3/15	51.1	0 0	N/A	50.4	0.0	0.4	0.5	0 0	0	1.0	20.4
		4/28/15	55.4	0 0	N/A	53.9	0.0	1 8	1.5	0 0	0	0.9	19 9
		7/24/15	64.9	0 0	N/A	53.3	0.1	0 0	0.6	0 0	0	3.2	17.7
		10/20/15	59.3	0 0	N/A	50.4	0.0	0 0	0.7	0 0	0	1.8	19.7
		1/28/16	55.0	0 0	N/A	53.4	0.1	0 0	0.2	0 0	0	1.0	20 9
		4/25/16	56.0	0 0	N/A	54.2	0.0	0 0	1.0	0 0	0	0.9	19.4
		7/26/16	52.2	0 0	N/A	51.0	0.0	0 0	0.0	0 0	0	2.1	18 0
		10/24/16	63.1	0.1	N/A	54.4	0.0	0 0	0.3	0 0	0	2.1	19.1

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-62	30	2/10/14	51.2	0 0	N/A	60.2	0.0	0.6	1.0	0 0	0	2.6	18 6
		4/25/14	71.8	0 0	N/A	53.9	0.1	1.1	0.7	0 0	0	1.7	19 0
		7/30/14	68.3	0 0	N/A	61.7	0.1	2.7	1.2	0 0	0	2.2	18 8
		10/28/14	50.4	0 0	N/A	57.7	0.4	1.2	1.6	0 0	0	2.0	19 5
		2/3/15	51.9	0 0	N/A	50.6	0.0	0.1	0.7	0 0	0	1.8	19 2
		4/28/15	64.8	0.1	N/A	53.9	0.1	1.9	1.6	0 0	0	0.5	19 9
		7/24/15	69.9	0 0	N/A	51.2	0.1	0.0	0.5	0 0	0	2.1	18 2
		10/20/15	63.0	0 0	N/A	52.6	0.1	0.0	0.7	0 0	0	1.2	19.4
		1/28/16	50.2	0 0	N/A	51.2	0.2	0.0	0.3	0 0	0	0.8	20 6
		4/25/16	60.7	0 0	N/A	50.2	0.0	0.0	0.7	0 0	0	0.6	19 8
		7/26/16	52.2	0 0	N/A	54.1	0.0	0.0	0.0	0 0	0	1.7	18 5
		10/24/16	66.5	0 0	N/A	57.0	0.0	0.0	0.0	0 0	0	1.4	20 5
VMP-63	5	2/28/14	54.8	0 0	N/A	53.0	0.0	2.4	0.7	0 0	0	0.1	20 9
		4/25/14	72.6	0 0	N/A	60.5	0.1	0.8	0.6	0 0	0	0.4	20.4
		7/30/14	69.1	0 0	N/A	62.0	0.2	2 5	1.1	0 0	0	0.6	19 8
		10/28/14	54.9	0 0	N/A	52.8	0.4	1 6	1.5	0 0	0	0.2	20.1
		2/3/15	51.6	0 0	N/A	51.3	0.1	1.1	1.2	0 0	0	0.2	20 8
		4/28/15	64.2	0 0	N/A	52.1	0.0	2 9	1.8	0 0	0	0.2	20 9
		7/24/15	59.0	0 0	N/A	56.3	0.1	0 9	0.4	0 0	0	0.5	20.1
		10/26/15	55.3	0 0	N/A	63.2	0.0	0 0	0.6	0 0	0	0.1	20 9
		1/28/16	55.2	0 0	N/A	50.8	0.0	0 0	0.2	0 0	0	0.0	20.7
		4/26/16	50.5	0 0	N/A	56.9	0.8	0 0	0.0	0 0	0	0.2	20 5
		7/25/16	58.6	0 0	N/A	51.5	0.1	0 0	0.2	0 0	0	0.4	19.1
		10/24/16	69.6	0 0	N/A	55.4	0.0	0 0	0.3	0 0	0	0.1	20 8
	10	2/7/14	55.5	0 0	N/A	51.0	0.0	1 2	0.3	0 0	0	0.2	20 8
		4/25/14	72.1	0 0	N/A	59.2	0.0	1 0	0.7	0 0	0	0.4	20.4
		7/30/14	70.0	0 0	N/A	51.3	0.0	1 8	1.4	0 0	0	0.8	19.7
		10/28/14	56.6	0 0	N/A	51.4	0.4	1 0	5.8	0 0	0	0.3	20 6
		2/3/15	60.3	0 0	N/A	50.3	0.0	1.4	1.2	0 0	0	0.2	20.7
		4/28/15	56.6	0 0	N/A	55.4	0.0	2 2	1.5	0 0	0	0.3	20 5
		7/24/15	55.8	0 0	N/A	55.4	0.0	0.7	0.7	0 0	0	0.8	20.1
		10/26/15	50.9	0 0	N/A	63.0	0.0	0 0	0.5	0 0	0	0.1	20 6
		1/28/16	50.2	0 0	N/A	50.7	0.0	0 0	0.2	0 0	0	0.1	20 8
		4/26/16	51.2	0 0	N/A	51.6	0.1	0 0	0.0	0 0	0	0.3	20.7
		7/25/16	61.1	0 0	N/A	52.6	0.0	0 0	0.2	0 0	0	0.7	19 9
		10/24/16	64.1	0 0	N/A	53.6	0.0	0 0	0.4	0 0	0	0.2	20.7
	20	2/7/14	57.4	0 0	N/A	55.0	0.0	0 6	0.5	0 0	0	0.7	20 6
		4/25/14	72.8	0 0	N/A	50.0	0.0	0 9	0.8	0 0	0	0.4	20 3
		7/30/14	56.1	0 0	N/A	53.7	0.0	1.7	1.5	0 0	0	1.2	19 5
		10/28/14	56.2	0 0	N/A	52.5	0.6	1.1	1.3	0 0	0	0.5	20 5
		2/3/15	58.2	0 3	0.0	52.7	0.2	0 8	1.5	0 0	0	0.3	20.7
		4/28/15	56.8	0.7	N/A	53.4	0.1	3 5	1.4	0 0	0	0.0	20 5
		7/24/15	62.3	0 0	N/A	53.7	0.1	0 8	0.8	0 0	0	1.0	19 8
		10/26/15	55.1	0 0	N/A	62.3	0.0	0 0	0.4	0 0	0	0.3	20 5
		1/28/16	50.8	0 0	N/A	52.9	0.1	0 0	0.2	0 0	0	0.2	20 8
		4/26/16	51.9	0 0	N/A	50.5	0.1	0 0	0.3	0 0	0	0.2	20 3
		7/25/16	52.1	0 0	N/A	38.9	0.0	0 0	0.2	0 0	0	0.7	20 0
		10/24/16	61.8	0 0	N/A	53.3	0.0	0 0	0.5	0 0	0	0.4	20 5

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-63	30	2/7/14	57.7	0 0	N/A	63.9	0.0	1.0	0.5	0 0	0	2.7	19 6
		4/25/14	57.6	0 0	N/A	52.7	0.0	0.8	0.7	0 0	0	1.2	19 9
		7/30/14	62.3	0.1	N/A	50.6	0.0	1.8	1.6	0 0	0	1.5	19 5
		10/28/14	53.7	0 0	N/A	52.1	0.5	1.8	1.1	0 0	0	1.0	20.1
		2/3/15	51.1	0.7	0.0	50.7	0.5	0.9	1.1	0 0	0	0.5	20 6
		4/28/15	56.3	1.1	N/A	53.6	0.5	3.1	1.8	0 0	0	0.2	19.7
		7/24/15	55.8	0 0	N/A	58.1	0.1	0.7	0.6	0 0	0	1.1	19 5
		10/26/15	55.4	0.1	N/A	71.5	0.0	0.0	0.4	0 0	0	0.5	20 6
		1/28/16	53.3	0 0	N/A	50.5	0.0	0.0	0.4	0 0	0	0.4	20.7
		4/26/16	51.5	0 0	N/A	50.3	0.0	0.0	0.3	0 0	0	0.3	20.4
		7/25/16	53.4	0 0	N/A	55.3	0.0	0.0	0.2	0 0	0	0.8	19 9
		10/24/16	58.0	0 0	N/A	53.3	0.0	0.0	0.6	0 0	0	0.7	20 0
VMP-64	5	2/28/14	57.8	0 0	N/A	51.5	0.0	4.4	1.5	0 0	0	0.1	20 9
		4/25/14	59.5	0 0	N/A	52.7	0.1	1 9	0.4	0 0	0	0.2	20.4
		7/31/14	68.1	0 0	N/A	57.3	0.0	1 8	1.1	0 0	0	0.8	20.4
		10/28/14	66.1	0 0	N/A	51.9	2.6	3 2	1.6	0 0	0	0.5	19 9
		2/3/15	53.3	0 0	N/A	51.0	0.0	1 0	0.6	0 0	0	0.2	20.7
		4/28/15	60.9	0 0	N/A	65.0	0.0	2 8	1.3	0 0	0	0.2	20 5
		7/24/15	53.3	0 0	N/A	45.2	0.1	0 6	0.6	0 0	0	0.7	20 2
		10/26/15	66.1	0 0	N/A	60.1	0.0	0 0	0.4	0 0	0	0.4	20 9
		1/28/16	51.3	0 0	N/A	50.9	0.0	0 0	0.3	0 0	0	0.9	20 9
		4/26/16	68.9	0 0	N/A	64.5	0.1	0 0	0.4	0 0	0	0.2	20 2
		8/2/16	62.3	0 0	N/A	0.0	57.5	0 0	0.1	0 0	0	0.4	19 8
		10/24/16	72.8	0 0	N/A	51.3	0.0	0 5	0.4	0 0	0	0.2	20 6
	10	2/10/14	57.8	0.1	0.1	53.9	0.2	0.7	0.8	0 0	0	1.1	20 2
		4/25/14	71.1	0 0	N/A	71.0	0.1	1 2	0.5	0 0	0	1.3	19 8
		7/31/14	62.7	0 0	N/A	56.9	0.0	1.4	1.0	0 0	0	3.1	18 0
		10/28/14	51.8	0 0	N/A	50.2	0.7	2.7	1.4	0 0	0	3.1	17 8
		2/3/15	51.3	0 0	N/A	51.7	0.0	0.1	0.8	0 0	0	1.4	20.1
		4/28/15	60.1	0 0	N/A	58.4	0.0	2 2	0.6	0 0	0	0.9	19 5
		7/24/15	68.5	0 0	N/A	51.2	0.1	1 5	0.6	0 0	0	2.3	17 9
		10/26/15	63.2	0 0	N/A	55.8	0.0	0 0	0.5	0 0	0	2.3	19.4
		1/28/16	54.2	0 0	N/A	54.2	0.0	0 0	0.3	0 0	0	1.1	20 2
		4/26/16	53.7	0 0	N/A	51.2	0.1	0 0	0.6	0 0	0	0.9	19.7
		7/22/16	52.4	0 0	N/A	54.7	0.0	0 0	0.5	0.1	0	3.5	16.4
		10/24/16	74.5	0 0	N/A	50.7	0.0	0 0	0.1	0 0	0	3.3	18 3
	20	2/10/14	56.3	0 0	N/A	55.7	0.1	0 3	0.8	0 0	0	2.5	19.1
		4/25/14	71.9	0 0	N/A	55.0	0.0	1.4	0.6	0 0	0	2.1	19 0
		7/31/14	68.3	0 0	N/A	54.7	0.0	0 8	1.3	0 0	0	3.7	16 8
		10/28/14	55.2	0 0	N/A	52.2	0.0	1.7	1.2	0 0	0	4.3	16.7
		2/3/15	50.5	0 0	N/A	53.6	0.0	0 0	1.0	0 0	0	3.1	18 8
		4/28/15	55.9	0 0	N/A	56.7	0.0	1.7	1.2	0 0	0	2.4	18 2
		7/24/15	59.8	0 0	N/A	51.1	0.0	0 2	0.4	0 0	0	3.2	16 6
		10/26/15	53.5	0 0	N/A	54.0	0.0	0 0	0.4	0 0	0	3.6	18 2
		1/28/16	55.7	0 0	N/A	53.3	0.0	0 0	0.3	0 0	0	3.1	18 8
		4/26/16	57.0	0 0	N/A	57.2	0.0	0 0	0.5	0 0	0	1.2	19 2
		7/22/16	54.2	0 0	N/A	54.7	0.0	0 0	0.4	0.1	0	2.5	17 8
		10/24/16	69.2	0 0	N/A	52.1	0.0	0 0	0.6	0 0	0	4.1	17 3

APPENDIX 3-C
CUMULATIVE SUMMARY OF TEDLAR® SAMPLING DATA

Reading Location			Shroud	Tedlar Bag 1		Shroud	Tedlar Bag 2						
Instrument			Dielectric		Landtec	Dielectric		FID	PID	Landtec			
Location	Depth	Date	Helium in Shroud Before (%)	Helium Before (%)	CH_4 (%)	Helium in Shroud After (%)	Helium After (%)	FID (ppmv)	PID (ppmv)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)
VMP-64	28	2/10/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/31/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/14[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		2/3/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/28/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/24/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/26/15[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/28/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/26/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/22/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/24/16[11]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

1. OVR is used to indicate a reading over range for the F D or MultiRAE.
2. The Landtec landfill gas analyzer displays "OVR" for any results calculated higher than 99.9% for an individual reading.
3. N/A is used to indicate that a reading was not collected because it was unnecessary (i.e., a direct port for helium if the helium leak check was successful). NM is used to indicate that a reading was not measured.
4. NS is used to indicate that a reading was not collected because the port could not be sampled.
5. F D readings were taken with a TVA-1000. Due to oxygen concentrations less than 16% a dilution tip was used when analyzing samples. The dilution tip introduced ambient air in a 10:1 ration with the sample, which required the sample readings to be multiplied by 10 to get the actual reading. The FID readings in this spreadsheet illustrate the actual F D values that were represented in each sample.
6. Negative readings on the FID are recorded as zero.
7. VMP successfully resampled after helium leak check failure.
8. VMP unsuccessfully sampled after three attempts due to helium leak check failures.
9. VMP resampled due to issues with the canister after arriving at the laboratory.
10. VMP not sampled due to pending re-installation.
11. VMP not sampled because screen submerged below water table.
12. VMP resampled to verify results from the laboratory.
13. VMP not sampled due to an unsafe condition in the field.

Appendix 3-D. SVE System Monthly Monitoring – VMP Sampling Data

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-5	2/15/2012	1641	0.05	0.08	0.0	0	3.7	12.4	25.1	64.5	6.7	57.8	
VMP-1-5	2/16/2012	1433	0.06	0.06	0.0	0	2.1	20.0	23.7	72.5	23.5	49.0	
VMP-1-5	2/17/2012	1327	0.06	0.07	0.0	0	3.2	5.4	7.0	28.2	18.1	10.1	
VMP-1-5	2/22/2012	804	0.04	0.00	42.1	OVR	11.4	1.0	154	22470	7870	14600	
VMP-1-5	2/29/2012	846	-1.11	-0.24	12.0	OVR	5.0	16.2	186	5430	214	5216	
VMP-1-5	3/21/2012	1356	0.03	0.08	0.0	0	1.2	19.0	4.0	3.9	0.0	3.9	
VMP-1-5	4/18/2012	829	-0.14	-0.03	0.0	0	1.9	19.5	2.4	1.5	0.0	1.5	
VMP-1-5	5/16/2012	834	-0.09	-0.07	0.0	0	2.1	18.9	1.0	6.1	4.4	1.7	
VMP-1-5	6/20/2012	1353	0.07	0.09	0.0	0	2.2	18.6	1.0	9.6	5.6	4.0	
VMP-1-5	7/18/2012	1348	0.04	0.05	0.0	0	1.4	18.8	0.8	23.6	11.0	12.6	
VMP-1-5	8/15/2012	1404	0.00	0.03	0.0	0	1.4	17.7	0.7	7.0	0.0	7.0	
VMP-1-5	9/19/2012	837	-0.04	-0.08	0.0	0	0.6	20.4	0.6	4.6	0.0	4.6	
VMP-1-5	10/17/2012	810	-0.09	-0.05	0.0	0	1.7	19.5	1.3	48.2	31.8	16.4	
VMP-1-5	11/20/2012	1432	-0.03	-0.02	0.0	0	0.5	20.3	0.4	5.4	2.7	2.7	
VMP-1-5	12/19/2012	830	-0.54	-0.06	0.0	0	0.5	20.5	0.5	3.8	0.0	3.8	
VMP-1-5	1/16/2013	1345	0.02	-0.04	OVR	OVR	3.6	12.6	92.5	120000	64200	55800	Resampled and confirmed.
VMP-1-5	2/26/2013	900	0.06	-0.09	65.0	OVR	4.1	13.0	75.7	49200	33000	16200	
VMP-1-5	3/21/2013	1256	-0.01	0.04	0.0	0	0.2	18.6	0.9	1.9	0.0	1.9	VMP reinstalled on 3/6/13.
VMP-1-5	4/24/2013	840	-0.50	-0.36	0.0	0	0.7	17.2	0.4	3.0	0.0	3.0	
VMP-1-5	5/23/2013	810	-0.37	0.42	0.0	0	1.7	14.6	0.7	1.7	0.0	1.7	
VMP-1-5	6/26/2013	1107	0.11	0.00	0.0	0	3.4	13.9	0.5	4.6	0.0	4.6	
VMP-1-5	7/25/2013	1239	-0.09	-0.05	0.0	0	4.3	15.1	0.6	8.0	6.6	1.4	
VMP-1-5	8/29/2013	0913	-0.16	-0.13	0.0	0	2.6	18.4	0.5	8.4	6.8	1.6	
VMP-1-5	9/26/2013	0918	-0.30	-0.28	0.0	0	1.7	19.3	0.3	3.6	0.0	3.6	
VMP-1-5	10/24/2013	0840	-0.55	-0.47	0.0	0	1.5	19.6	0.3	0.3	0.0	0.3	
VMP-1-5	11/21/2013	0810	-0.56	-0.67	0.0	0	0.8	20.5	0.6	1.7	0.0	1.7	
VMP-1-5	12/19/2013	0956	-0.45	-0.25	0.0	0	0.0	20.8	0.4	3.0	0.0	3.0	
VMP-1-5	1/30/2014	1546	-0.13	-0.14	0.0	0	0.1	19.4	0.5	28.6	26.5	2.1	Resampled due to elevated readings.
VMP-1-5	1/31/2014	1039	-0.05	NM	0.0	0	0	20.4	0.3	9.9	8.8	1.1	Resample.
VMP-1-5	2/20/2014	0942	-0.20	-0.09	0.0	0	0.1	20.4	1.1	3.8	0.0	3.8	
VMP-1-5	3/19/2014	1434	-0.61	-0.60	0.0	0	0	20.8	1.2	3.1	0.0	3.1	
VMP-1-5	4/23/2014	1503	-0.43	-0.42	0.0	0	0.1	20.6	0.7	10.5	10.0	0.5	
VMP-1-5	5/22/2014	0924	-0.85	-0.87	0.0	0	0.1	20.9	0.9	3.0	0.0	3.0	
VMP-1-5	6/19/2014	0900	-0.68	-0.62	0.0	0	0.3	15.9	1.7	3.2	0.0	3.2	
VMP-1-5	7/24/2014	0906	-0.71	-0.63	0.0	0	1	18.4	1.4	8.1	5.9	2.2	
VMP-1-5	8/21/2014	0905	-0.86	-0.80	0.0	0	0.7	19.1	2.3	5.8	5.3	0.5	
VMP-1-5	9/18/2014	1030	-0.89	-0.77	0.0	0	0.8	20	1.1	1.3	0.0	1.3	
VMP-1-5	10/23/2014	1453	-0.78	-0.56	0.0	0	0.6	20.4	0.9	0.9	0.0	0.9	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-5	11/20/2014	0920	-0.27	-0.72	0.0	0	0.4	20.5	0.7	0.5	0.0	0.5	
VMP-1-5	12/18/2014	1343	-0.42	-0.49	0.0	0	0.3	20.5	1.1	0.2	0.0	0.2	
VMP-1-5	1/29/2015	0919	-0.76	-1.19	0.0	0	0.2	20.5	1.5	0.6	0.0	0.6	
VMP-1-5	2/26/2015	1045	-2.15	-1.07	0.0	0	0.1	20.8	0.4	0.2	0.0	0.2	
VMP-1-5	3/26/2015	1510	-1.05	-1.06	0.0	0	0.1	20.3	1.3	1.5	0.0	1.5	
VMP-1-5	4/23/2015	1046	-1.10	-0.80	0.0	0	0.3	18.5	1.1	1.7	0.0	1.7	
VMP-1-5	5/21/2015	1050	-0.86	-1.22	0.0	0	0.4	19.6	0.5	1.0	0.0	1.0	
VMP-1-5	6/17/2015	1521	-1.05	-0.96	0.0	0	0.7	20.0	0.6	0.5	0.0	0.5	
VMP-1-5	7/23/2015	0853	-1.27	-1.16	0.0	0	1.1	18.9	0.4	0.0	0.0	0.0	
VMP-1-5	8/20/2015	1015	-1.17	-1.30	0.0	0	1.3	19.6	0.2	0.0	0.0	0.0	
VMP-1-5	9/17/2015	1117	-0.93	-0.92	0.0	0	1.1	19.6	0.8	0.0	0.0	0.0	
VMP-1-5	10/22/2015	1040	-0.99	-0.94	0.0	0	0.5	20.2	0.3	0	0.0	0.0	
VMP-1-5	11/24/2015	1500	-1.10	-1.12	0.0	0	0.4	20.5	0.5	0.0	0.0	0.0	
VMP-1-5	12/17/2015	0935	-1.06	-0.18	0.0	0	0.3	20.5	0.3	0	0.0	0.0	
VMP-1-5	1/22/2016	1340	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-1-5	2/18/2016	1520	-0.75	-0.15	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-1-5	3/23/2016	1100	-1.25	-1.20	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-1-5	4/20/2016	915	-4.94	-0.28	0.0	0	0.2	20.2	0.8	0.0	0.0	0.0	
VMP-1-5	5/19/2016	1105	-1.69	-1.53	0.0	0	0.3	20.4	1.6	0.6	0.0	0.6	
VMP-1-5	6/22/2016	955	-0.87	-0.67	0.0	0	0.9	19.3	2.2	0.7	0.0	0.0	
VMP-1-5	7/21/2016	946	-17.55	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge. Could not sample.
VMP-1-5	8/25/2016	1152	-0.77	-1.29	0.0	0	1.5	19.2	1.0	0.0	0.0	0.0	
VMP-1-5	9/22/2016	1034	-1.05	-1.00	0.0	0	1.4	18.8	0.5	0.0	0.0	0.0	
VMP-1-5	10/21/2016	1140	-0.81	-0.71	0.0	0	1.1	20.0	0.0	0.0	0.0	0.0	
VMP-1-5	11/17/2016	1235	-0.52	-0.55	0.0	0	0.6	20.2	0.5	0.0	0.0	0.0	
VMP-1-5	12/22/2016	0926	-0.93	-0.93	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-1-8.5	2/15/2012	1642	-0.04	0.10	0.0	0	9.5	3.3	26.5	183	126	57.4	
VMP-1-8.5	2/16/2012	1434	4.70	0.08	0.0	0	0.2	20.9	15.1	53.8	32.9	20.9	
VMP-1-8.5	2/17/2012	1327	0.11	0.09	0.0	0	9.4	1.7	8.6	53.8	35.2	18.6	
VMP-1-8.5	2/22/2012	807	0.04	0.00	35.6	OVR	11.4	1.6	152	19860	6520	13340	
VMP-1-8.5	2/29/2012	847	-1.03	-0.26	14.6	OVR	6.9	15.0	189	4460	139	4321	
VMP-1-8.5	3/21/2012	1357	0.04	0.10	0.0	0	4.3	9.6	4.5	0.0	0.0	0.0	
VMP-1-8.5	4/18/2012	830	-0.08	-0.03	0.0	0	2.5	19.2	3.4	2.1	0.0	2.1	
VMP-1-8.5	5/16/2012	839	-0.10	-0.12	0.0	0	2.2	19.0	1.1	3.9	0.0	3.9	
VMP-1-8.5	6/20/2012	1354	0.06	0.04	0.0	0	5.9	10.9	2.0	1.8	0.0	1.8	
VMP-1-8.5	7/18/2012	1352	0.04	0.07	0.0	0	4.2	14.2	2.3	42.1	30.7	11.4	
VMP-1-8.5	8/15/2012	1419	0.01	-0.04	0.0	0	5.0	13.9	1.3	4.9	0.0	4.9	
VMP-1-8.5	9/19/2012	838	-0.68	-0.76	0.0	0	0.8	20.0	0.9	3.0	0.0	3.0	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-8.5	10/17/2012	811	-0.10	0.28	0.0	0	3.1	17.1	0.7	3.4	0.0	3.4	
VMP-1-8.5	11/20/2012	1434	-0.02	-0.01	0.0	0	1.1	19.4	0.6	3.5	0.0	3.5	
VMP-1-8.5	12/19/2012	835	-0.04	-0.60	0.0	0	0.7	20.1	0.8	3.3	0.0	3.3	
VMP-1-8.5	1/16/2013	1350	0.06	-0.05	1.5	31	1.7	19.1	59.1	4200	1800	2400	Resampled and confirmed.
VMP-1-8.5	2/25/2013	900	0.06	-0.14	0.4	9	4.0	14.9	27.3	1100	579	521	
VMP-1-8.5	3/21/2013	1300	-0.02	0.07	0.0	0	2.1	18.6	0.5	1.2	0.0	1.2	VMP reinstalled on 3/6/13.
VMP-1-8.5	4/24/2013	845	-0.52	-0.38	0.0	0	2.5	17.4	0.6	3.9	0.0	3.9	
VMP-1-8.5	5/23/2013	811	-0.41	-0.43	0.0	0	3.0	16.6	0.3	0.7	0.0	0.7	
VMP-1-8.5	6/26/2013	1111	-0.07	-0.28	0.0	0	3.6	15.0	0.6	20.6	20.6	0.0	
VMP-1-8.5	7/25/2013	1243	-0.09	-0.05	0.0	0	3.5	15.5	0.5	0.5	0.0	0.5	
VMP-1-8.5	8/29/2013	0919	-0.17	-0.15	0.0	0	3.2	17.8	0.5	1.1	0.0	1.1	
VMP-1-8.5	9/26/2013	0923	-0.34	-0.31	0.0	0	2.3	18.9	0.4	1.4	0.0	1.4	
VMP-1-8.5	10/24/2013	0844	-0.56	-0.43	0.0	0	1.5	19.8	0.4	0.8	0.0	0.8	
VMP-1-8.5	11/21/2013	0814	-0.56	-0.70	0.0	0	0.5	20.7	0.3	1.0	0.0	1.0	
VMP-1-8.5	12/19/2013	1000	-0.54	-0.31	0.0	0	0.3	20.7	0.4	0.7	0.0	0.7	
VMP-1-8.5	1/30/2014	1547	-0.52	-0.55	0.0	0	0.2	20.5	0.4	2.2	0.0	2.2	
VMP-1-8.5	2/20/2014	0943	-0.08	0.00	0.0	0	0.2	20.8	1.1	0.7	0.0	0.7	
VMP-1-8.5	3/19/2014	1435	-0.68	-0.69	0.0	0	0.1	20.8	1.1	2.5	0.0	2.5	
VMP-1-8.5	4/23/2014	1507	-0.45	-0.44	0.0	0	0.2	20.6	0.8	7.3	6.8	0.5	
VMP-1-8.5	5/22/2014	0927	-1.02	-0.91	0.0	0	0.4	20.7	0.7	1.7	0.0	1.7	
VMP-1-8.5	6/19/2014	0904	-0.69	-0.64	0.0	0	0.5	20.4	1.8	1.9	0.0	1.9	
VMP-1-8.5	7/24/2014	0911	-2.66	-0.64	0.0	0	1.0	20.3	1.2	2.4	0.0	2.4	
VMP-1-8.5	8/21/2014	0905	-0.93	-0.81	0.0	0	0.5	20.3	2.3	3.2	0.0	3.2	
VMP-1-8.5	9/18/2014	1035	-0.83	-0.80	0.0	0	0.6	20.6	1.5	1.1	0.0	1.1	
VMP-1-8.5	10/23/2014	1454	-0.68	-0.80	0.0	0	0.4	20.9	0.8	1.2	0.0	1.2	
VMP-1-8.5	11/20/2014	0923	-0.98	-0.73	0.0	0	0.3	20.7	0.9	0.8	0.0	0.8	
VMP-1-8.5	12/18/2014	1348	-0.91	-0.42	0.0	0	0.2	20.6	1.2	0.7	0.0	0.7	
VMP-1-8.5	1/29/2015	0919	-1.24	-1.18	0.0	0	0.1	20.8	0.8	0.4	0.0	0.4	
VMP-1-8.5-Dup	1/29/2015	0919	NM	NM	0.0	0	0.1	20.8	1.0	0.4	0.0	0.4	Duplicate sample.
VMP-1-8.5	2/26/2015	1050	-1.58	-1.64	0.0	0	0.1	20.9	0.6	0.2	0.0	0.2	
VMP-1-8.5	3/26/2015	1513	-0.96	-1.06	0.0	0	0.1	20.7	1.4	1.2	0.0	1.2	
VMP-1-8.5	4/23/2015	1047	-1.04	-0.82	0.0	0	0.2	20.6	1.0	1.4	0.0	1.4	
VMP-1-8.5	5/21/2015	1034	-0.96	-2.21	0.0	0	0.2	20.5	0.7	1.5	0.0	1.5	
VMP-1-8.5	6/17/2015	1526	-0.97	-0.97	0.0	0	0.5	20.4	0.4	0.0	0.0	0.0	
VMP-1-8.5	7/23/2015	0859	-0.70	-1.09	0.0	0	0.6	20.5	0.6	0.0	0.0	0.0	
VMP-1-8.5	8/20/2015	1020	-1.18	-1.15	0.0	0	0.7	20.4	0.3	0.0	0.0	0.0	
VMP-1-8.5	9/17/2015	1122	-0.58	-0.94	0.0	0	0.5	20.2	0.7	0.0	0.0	0.0	
VMP-1-8.5	10/22/2015	1045	-1.41	-0.93	0.0	0	0.2	20.6	0.4	0.2	0.0	0.2	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-8.5	11/24/2015	1505	-1.11	-1.16	0.0	0	0.2	20.7	0.5	0.2	0.0	0.2	
VMP-1-8.5	12/17/2015	0940	-1.06	-0.11	0.0	0	0.1	20.7	0.3	0	0.0	0.0	
VMP-1-8.5	1/22/2016	1340	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-1-8.5	2/18/2016	1525	-0.59	-1.04	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-1-8.5	3/23/2016	1105	-1.25	-1.23	0.0	0	0	20.9	0.5	0.0	0.0	0.0	
VMP-1-8.5	4/20/2016	920	-1.31	-0.24	0.0	0	0.1	20.7	1.0	0.0	0.0	0.0	
VMP-1-8.5	5/19/2016	1110	-1.58	-1.55	0.0	0	0.3	20.6	1.4	0.3	0.0	0.3	
VMP-1-8.5	6/22/2016	1000	-0.87	-0.68	0.0	0	0.4	20.2	1.6	1.0	0.0	1.0	
VMP-1-8.5	7/21/2016	947	-0.83	-0.79	0.0	0	0.7	20.3	0.5	0.0	0.0	0.0	
VMP-1-8.5	8/25/2016	1152	-1.26	-1.21	0.0	0	0.7	20.2	0.9	0.0	0.0	0.0	
VMP-1-8.5	9/22/2016	1036	-1.04	-1.03	0.0	0	0.7	20.1	1.0	0.0	0.0	0.0	
VMP-1-8.5	10/21/2016	1142	-0.71	-0.63	0.0	0	0.5	20.5	0.1	0.0	0.0	0.0	
VMP-1-8.5	11/17/2016	1236	-0.60	-0.72	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	
VMP-1-8.5	12/22/2016	0928	-0.92	-0.96	0.0	0	0.2	20.7	0.2	2.5	2.5	0.0	
VMP-1-23.5	2/15/2012	1643	0.06	0.01	OVR	OVR	9.9	1.7	68.9	132000	127000	5000	
VMP-1-23.5	2/16/2012	1435	0.09	0.14	6.1	OVR	11.6	1.7	45.4	19990	13800	6190	
VMP-1-23.5	2/17/2012	1327	-0.02	0.09	OVR	OVR	10.1	1.2	76.2	161000	88990	72010	
VMP-1-23.5	2/22/2012	808	0.04	-0.13	OVR	OVR	8.3	1.2	53.5	560000	250000	310000	
VMP-1-23.5	2/29/2012	848	-1.04	-0.24	OVR	OVR	10.1	1.4	63.7	133000	85100	47900	
VMP-1-23.5	3/21/2012	1358	0.06	0.16	OVR	OVR	9.4	1.5	67.5	64900	46200	18700	
VMP-1-23.5	4/18/2012	831	-0.12	-0.05	OVR	OVR	10.0	1.0	64.6	128000	69100	58900	
VMP-1-23.5	5/16/2012	843	-0.21	-0.24	11.4	OVR	11.6	1.8	41.6	13800	7700	6100	
VMP-1-23.5	6/20/2012	1355	0.05	0.11	16.5	OVR	10.9	1.4	58.3	57600	38600	19000	
VMP-1-23.5	7/18/2012	1349	0.30	0.07	OVR	OVR	6.7	8.3	52.6	38500	23300	15200	
VMP-1-23.5	8/15/2012	1414	0.00	0.00	OVR	OVR	7.0	8.4	128	44900	28900	16000	
VMP-1-23.5	9/19/2012	839	-0.09	-0.09	0.0	1	3.1	16.9	4.2	14.3	4.9	9.4	Sample integrity compromised during screening.
VMP-1-23.5	10/17/2012	812	-0.05	-0.26	OVR	OVR	5.3	9.5	70.2	208000	124000	84000	
VMP-1-23.5	11/20/2012	1436	-0.06	-0.04	OVR	OVR	3.2	14.8	125	40300	28500	11800	
VMP-1-23.5	12/19/2012	840	-0.05	-0.06	0.0	1	2.5	17.3	1.2	14.5	4.9	9.6	
VMP-1-23.5	1/16/2013	1355	0.05	-0.04	OVR	OVR	4.8	9.0	86.3	220000	105000	115000	Resampled and confirmed.
VMP-1-23.5	2/26/2013	905	0.07	-0.32	OVR	OVR	5.3	7.3	54.0	285000	136000	149000	
VMP-1-23.5	3/21/2013	1304	-0.36	-0.04	OVR	OVR	10.1	1.8	81.4	85700	36700	49000	VMP reinstalled on 3/6/13.
VMP-1-23.5	4/24/2013	850	-0.56	-0.42	0.0	0	4.3	14.6	1.4	34.5	32.7	1.8	
VMP-1-23.5	5/23/2013	812	0.00	-1.16	0.0	0	4.7	14.1	0.6	1.4	0.0	1.4	
VMP-1-23.5	6/26/2013	1115	0.12	-0.37	OVR	OVR	7.4	1.3	75.1	413000	380000	33000	
VMP-1-23.5	7/25/2013	1247	-0.11	-0.07	0.0	1	5.8	11.4	6.3	115	68.2	46.8	
VMP-1-23.5	8/29/2013	924	-0.20	-0.17	OVR	OVR	8.1	4.0	65.3	142000	71100	70900	
VMP-1-23.5	9/26/2013	0926	-0.39	-0.32	0.0	0	3.2	17.6	1.0	4.3	0.0	4.3	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-23.5	10/24/2013	0848	-0.63	-0.50	0.0	0	2.4	18.6	0.6	21.3	19.3	2.0	
VMP-1-23.5	11/21/2013	0818	-0.71	-0.80	0.0	0	0.6	20.6	0.3	0.74	0.0	0.7	
VMP-1-23.5	12/19/2013	1004	-0.64	-0.36	0.0	0	0.5	20.5	0.2	0.18	0.0	0.2	
VMP-1-23.5	1/30/2014	1548	-0.62	-0.64	0.0	0	0.4	20.4	0.4	1.3	0.0	1.3	
VMP-1-23.5	2/20/2014	0945	0.00	0.18	0.0	0	0.4	20.6	1.2	0.4	0.0	0.4	
VMP-1-23.5	3/19/2014	1436	-0.79	-0.78	0.0	0	0.2	20.8	1.1	1.4	0.0	1.4	
VMP-1-23.5	4/23/2014	1510	-0.54	-0.53	0.0	0	0.5	20.5	1.0	3.7	0.0	3.7	
VMP-1-23.5	5/22/2014	0930	-1.05	-1.07	0.0	0	0.5	19.5	1.3	1.2	0.0	1.2	
VMP-1-23.5	6/19/2014	0906	-0.82	-0.74	0.0	0	0.7	20.4	2.1	1.7	0.0	1.7	
VMP-1-23.5	7/24/2014	0916	-0.94	-0.79	0.0	0	0.9	20.4	2.0	2.9	0.0	2.9	
VMP-1-23.5	8/21/2014	0906	-1.02	-0.96	0.0	0	0.6	20.3	2.7	0.9	0.0	0.9	
VMP-1-23.5	9/18/2014	1040	-1.02	-0.92	0.0	0	0.7	20.6	1.5	1.0	0.0	1.0	
VMP-1-23.5	10/23/2014	1455	-0.82	-0.73	0.0	0	0.5	20.9	0.8	1.2	0.0	1.2	
VMP-1-23.5	11/20/2014	0924	-1.14	-0.90	0.0	0	0.3	20.7	1.0	0.6	0.0	0.6	
VMP-1-23.5	12/18/2014	1353	-0.50	-0.55	0.0	0	0.3	20.7	0.9	0.5	0.0	0.5	
VMP-1-23.5	1/29/2015	0919	-1.49	-1.36	0.0	0	0.2	20.7	0.8	0.6	0.0	0.6	
VMP-1-23.5	2/26/2015	1055	-1.79	-1.71	0.0	0	0.2	20.9	0.6	0.2	0.0	0.2	
VMP-1-23.5	3/26/2015	1517	-1.15	-1.21	0.0	0	0.2	20.8	1.0	1.6	0.0	1.6	
VMP-1-23.5	4/23/2015	1048	-1.22	-0.97	0.0	0	0.3	20.4	0.9	1.0	0.0	1.0	
VMP-1-23.5	5/21/2015	1058	-1.19	-1.64	0.0	0	0.3	20.3	0.7	1.6	0.0	1.6	
VMP-1-23.5	6/17/2015	1531	-3.54	-1.13	0.0	0	0.5	20.5	0.5	0.0	0.0	0.0	
VMP-1-23.5	7/23/2015	0903	-1.48	-1.40	0.0	0	0.7	20.4	0.6	0.0	0.0	0.0	
VMP-1-23.5	8/20/2015	1025	-1.44	-1.39	0.0	0	0.7	20.4	0.3	0.0	0.0	0.0	
VMP-1-23.5	9/17/2015	1127	-1.19	-1.19	0.0	0	0.5	20.5	0.6	0.0	0.0	0.0	
VMP-1-23.5	10/22/2015	1050	-0.95	-1.23	0.0	0	0.2	20.6	0.5	0.1	0.0	0.1	
VMP-1-23.5-Dup	10/22/2015	1050	NM	NM	0.0	0	0.2	20.6	0.5	0.1	0.0	0.1	Duplicate sample.
VMP-1-23.5	11/24/2015	1510	-1.34	-1.38	0.0	0	0.2	20.7	0.5	0	0.0	0.0	
VMP-1-23.5	12/17/2015	0945	-1.30	-0.14	0.0	0	0.1	20.6	0.2	0	0.0	0.0	
VMP-1-23.5	1/22/2016	1335	2.65	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-1-23.5	2/18/2016	1529	-0.94	-1.03	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-1-23.5	3/23/2016	1100	-1.25	-1.20	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-1-23.5	4/20/2016	0925	-0.92	-0.55	0.0	0	0.1	20.8	1.4	0.3	0.0	0.3	
VMP-1-23.5	5/19/2016	1115	-1.98	-1.82	0.0	0	0.3	20.5	1.7	1.0	0.0	1.0	
VMP-1-23.5-Dup	5/19/2016	1115	NM	NM	0.0	0	0.3	20.6	1.7	0.9	0.0	0.9	Duplicate sample.
VMP-1-23.5	6/22/2016	1005	-0.54	-0.85	0.0	0	0.4	20.1	2.1	0.9	0.0	0.9	
VMP-1-23.5	7/21/2016	0948	-1.31	-0.91	0.0	0	0.9	20.0	0.8	0.0	0.0	0.0	
VMP-1-23.5	8/25/2016	1153	-2.04	-1.49	0.0	0	1.0	19.9	1.6	0.0	0.0	0.0	
VMP-1-23.5	9/22/2016	1038	-1.26	-1.25	0.0	0	1.0	19.6	1.5	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-23.5-Dup	9/22/2016	1038	NM	NM	0.0	0	1.0	19.7	1.3	0.0	0.0	0.0	Duplicate sample.
VMP-1-23.5	10/21/2016	1143	-0.58	-0.51	0.0	0	0.9	20.3	0.6	0.0	0.0	0.0	
VMP-1-23.5	11/17/2016	1237	-0.60	-0.72	0.0	0	0.8	20.1	1.2	0.0	0.0	0.0	
VMP-1-23.5	12/22/2016	0930	-1.20	-1.19	0.0	0	0.5	20.4	0.4	0.0	0.0	0.0	
VMP-1-38.5	2/15/2012	1644	0.06	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	2/16/2012	1436	0.18	0.03	0.0	0	1.2	20.6	20.5	73.9	22.2	51.7	
VMP-1-38.5	2/17/2012	1327	-0.05	0.04	0.0	0	1.4	13.7	7.1	10.5	10.5	0.0	
VMP-1-38.5	2/22/2012	808	0.02	-0.02	10.5	OVR	4.8	12.6	121	8980	2980	6000	
VMP-1-38.5	2/29/2012	849	-1.02	-0.33	5.5	OVR	3.4	17.8	150	4625	74.3	4551	
VMP-1-38.5	3/21/2012	1359	-0.03	0.06	0.2	4	0.6	20.3	37.2	165	30.8	134	
VMP-1-38.5	4/18/2012	832	-0.44	0.00	0.0	0	1.9	19.5	3.2	2.6	0.0	2.6	
VMP-1-38.5	5/16/2012	849	-1.94	-0.23	0.0	0	1.4	19.6	1.9	25.8	20.5	5.3	
VMP-1-38.5	6/20/2012	1356	0.03	0.04	0.0	0	0.3	20.7	0.5	10.1	4.0	6.1	
VMP-1-38.5	7/18/2012	1353	0.00	0.06	0.1	3	1.2	18.4	7.5	436	185	251	
VMP-1-38.5	8/15/2012	1409	-1.19	-0.07	0.0	0	1.3	18.6	2.8	89.2	44.2	45.0	
VMP-1-38.5	9/19/2012	840	-0.07	-0.07	0.0	0	0.3	20.6	0.9	4.3	0.0	4.3	
VMP-1-38.5	10/17/2012	815	0.00	-0.05	68.1	OVR	0.9	19.9	72.3	35400	24400	11000	
VMP-1-38.5	11/20/2012	1438	-0.04	-0.03	0.2	4	0.3	20.3	17.0	375	133	242	
VMP-1-38.5	12/19/2012	845	-0.07	-0.05	0.0	0	0.3	20.7	2.2	16.3	0.0	16.3	
VMP-1-38.5	1/16/2013	1400	0.05	-0.04	OVR	OVR	3.1	11.5	87.8	215000	104000	111000	Resampled and confirmed.
VMP-1-38.5	2/25/2013	907	-0.10	-0.02	OVR	OVR	3.3	11.7	65.0	140000	77900	62100	
VMP-1-38.5	3/21/2013	1308	-1.11	-0.50	OVR	OVR	4.0	0.9	25.7	1000000	1000000	0.0	VMP reinstalled on 3/6/13.
VMP-1-38.5	4/24/2013	855	-0.97	-0.70	OVR	OVR	4.2	0.5	37.7	1000000	1000000	0.0	
VMP-1-38.5	5/23/2013	813	-0.67	-0.42	OVR	OVR	4.3	0.9	44.2	1000000	1000000	0.0	
VMP-1-38.5	6/26/2013	1119	0.00	-0.13	OVR	OVR	3.9	1.7	47.2	1000000	1000000	0.0	
VMP-1-38.5	7/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	8/29/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	9/26/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	10/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	11/21/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	12/19/2013	1008	-2.43	-1.64	2.7	54	7.7	4.2	74	8170	7320	850	
VMP-1-38.5	1/30/2014	1549	-2.25	-2.40	0.2	5	8.1	4.1	34.5	600	390.0	210	
VMP-1-38.5	2/20/2014	0945	-0.14	0.25	0.0	0	9.4	1.2	19.2	250.5	175.2	75.3	
VMP-1-38.5	3/19/2014	1437	-2.88	-2.84	0.6	13	7.6	2.9	39.1	2080	1060.0	1020	
VMP-1-38.5	4/23/2014	1514	-1.95	-1.89	0.0	0	7.8	5.9	5.5	72.5	56.9	15.6	
VMP-1-38.5	5/22/2014	0933	-4.36	-3.93	0.0	0	3.2	10.6	2.4	15.9	13.5	2.4	
VMP-1-38.5	6/19/2014	0908	-3.34	-2.99	0.0	0	5.8	11.9	3.8	2.43	0.0	2.43	
VMP-1-38.5	7/24/2014	0921	-5.98	-3.70	0.1	3	7.6	6.3	19.2	382.2	270.3	111.9	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-1-38.5	8/21/2014	0908	-4.09	-3.51	0.1	2	7.3	8.6	23	446.8	287.5	159.3	
VMP-1-38.5	9/18/2014	1045	-4.27	-4.02	0.0	0	5.9	11.9	6.1	9.09	2.7	6.35	
VMP-1-38.5	10/23/2014	1456	-3.68	-3.48	0.0	0	5.7	12.9	3.4	7.15	2.6	4.55	
VMP-1-38.5	11/20/2014	0924	-4.38	-4.15	35.7	OVR	8.5	6.6	410	15300	3450.0	11850	
VMP-1-38.5	12/18/2014	1358	-2.36	-2.60	13.1	OVR	9.5	5.9	431	5700	800.0	4900	
VMP-1-38.5	1/29/2015	0919	-5.31	-5.45	1.6	32	8.7	8.3	240	1030	50.3	979.7	
VMP-1-38.5	2/26/2015	1100	-5.00	-5.08	4.6	94	8.8	8.6	332	2880	95	2786	
VMP-1-38.5	3/26/2015	1520	-4.01	-4.05	16.5	OVR	9.3	6.9	431	3560	113	3447	
VMP-1-38.5-Dup	3/26/2015	1520	NM	NM	19.1	OVR	9.8	6.4	459	3860	107	3753	Duplicate sample.
VMP-1-38.5	4/23/2015	1049	-4.41	-3.70	0.3	6	7.0	11.4	31	629	321	308	
VMP-1-38.5-Dup	4/23/2015	1049	NM	NM	0.3	7	7.2	10.9	35	722	345	377	Duplicate sample.
VMP-1-38.5	5/21/2015	1102	-4.52	-5.52	0.0	0	5.9	11.9	12	133	70	63	
VMP-1-38.5	6/17/2015	1536	-4.76	-4.32	0.0	0	6.9	11.7	5.6	51	29	23	
VMP-1-38.5	7/23/2015	0907	-5.19	-5.19	0.0	0	5.0	14.7	0.8	0	0	0	
VMP-1-38.5	8/20/2015	1030	-5.60	-5.53	0.0	0	4.8	15.2	0.4	0	0.0	0.0	
VMP-1-38.5-Dup	8/20/2015	1030	NM	NM	0.0	0	4.8	15.2	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-1-38.5	9/17/2015	1132	-2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	10/22/2015	1055	-0.96	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	11/24/2015	1515	-2.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	12/17/2015	0950	-3.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	1/22/2016	1340	2.57	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	2/18/2016	1534	-1.65	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	3/23/2016	1115	-0.31	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	4/20/2016	0930	-2.68	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	5/19/2016	1120	-25.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	6/22/2016	1010	1.03	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	7/21/2016	0949	-26.14	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	8/25/2016	1154	-5.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	9/22/2016	1040	-21.91	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	10/21/2016	1144	-0.17	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	11/17/2016	1238	-14.23	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-1-38.5	12/22/2016	0933	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-5	2/15/2012	1705	-0.11	0.18	0.0	0	1.6	19.2	12.0	39.3	2.0	37.3	
VMP-2-5	2/16/2012	1524	0.18	0.17	0.0	0	0.5	20.9	4.0	13.3	6.3	6.9	
VMP-2-5	2/17/2012	1356	0.07	0.08	0.0	0	4.6	11.4	3.0	15.4	15.3	0.1	
VMP-2-5	2/22/2012	825	-0.01	-0.01	0.0	0	7.6	11.2	10.5	94.0	58.0	36.0	
VMP-2-5	2/29/2012	906	-0.07	-0.05	0.0	0	1.0	20.7	1.0	37.1	3.5	33.6	
VMP-2-5	3/21/2012	1416	0.05	0.06	0.0	0	1.1	19.2	0.6	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-2-5	4/18/2012	914	-0.16	-0.09	0.0	0	0.1	20.8	0.3	3.0	0.0	3.0	
VMP-2-5	5/16/2012	901	-0.30	-0.30	0.0	0	0.1	20.8	0.2	1.7	0.0	1.7	
VMP-2-5	6/20/2012	1419	0.03	0.02	0.0	0	0.7	20.0	1.6	5.8	3.1	2.8	
VMP-2-5	7/18/2012	1425	0.04	-0.02	0.0	0	1.1	19.1	0.6	2.5	0.0	2.5	
VMP-2-5	8/15/2012	1323	-0.13	0.00	0.0	0	3.0	18.1	0.6	3.1	0.0	3.1	
VMP-2-5	9/19/2012	920	-0.25	-0.21	0.0	0	0.5	20.6	0.8	2.7	0.0	2.7	
VMP-2-5	10/17/2012	1214	-0.08	-0.07	0.0	0	0.2	20.7	0.3	1.7	0.0	1.7	
VMP-2-5	11/20/2012	1458	-0.19	-0.22	0.0	0	0.4	20.4	0.1	1.6	0.0	1.6	
VMP-2-5	12/19/2012	900	-0.26	-0.32	0.0	0	0.6	20.3	0.2	0.9	0.0	0.9	
VMP-2-5	1/16/2013	1410	-0.04	-0.15	0.0	0	0.9	19.7	0.2	1.5	0.0	1.5	
VMP-2-5	2/26/2013	920	-0.07	-0.06	0.2	5	2.6	15.4	4.9	1210	1110	100	
VMP-2-5	2/26/2013	1330	-0.08	NM	2.4	47	2.2	13.5	25.5	5500	1900	3600	Resampled tedlar and vacuum to confirm readings.
VMP-2-5	3/21/2013	1314	-0.11	-0.04	0.0	0	0.2	20.8	0.5	1.2	0.0	1.2	
VMP-2-5	4/24/2013	945	-0.68	-0.49	0.0	0	0.4	20.7	0.3	0.2	0.0	0.2	
VMP-2-5	5/23/2013	1256	-0.59	-0.52	0.0	0	0.5	20.6	0.4	0.3	0.0	0.3	
VMP-2-5	6/25/2013	1337	-0.09	0.00	0.0	0	0.5	20.2	0.3	2.3	0.0	2.3	
VMP-2-5	7/25/2013	0859	-0.19	-0.14	0.0	0	0.0	20.9	0.4	1.9	0.0	1.9	
VMP-2-5	8/29/2013	1011	-0.09	-0.11	0.0	0	0.1	20.8	0.5	2.0	0.0	2.0	
VMP-2-5	9/26/2013	1406	-0.14	-0.12	0.0	0	0.0	20.9	0.6	2.5	0.0	2.5	
VMP-2-5	10/24/2013	0855	-0.41	-0.35	0.0	0	0.0	20.7	0.5	2.3	0.0	2.3	
VMP-2-5	11/21/2013	0750	-0.43	-1.39	0.0	0	0.0	20.9	0.5	2.5	0.0	2.5	
VMP-2-5	12/19/2013	1014	-0.25	-0.14	0.0	0	0.0	20.9	0.4	1.4	0.0	1.4	
VMP-2-5	1/30/2014	1611	-0.40	-0.37	0.0	0	0.1	20.9	0.7	26.2	21.9	4.3	Resampled due to elevated readings.
VMP-2-5	1/31/2014	1046	-0.36	NM	0.0	0	0.1	20.8	0.5	3.1	0.0	3.1	Resample.
VMP-2-5	2/25/2014	1341	0.00	0.12	0.0	0	0.3	20.9	0.5	0.8	0.0	0.8	
VMP-2-5	3/19/2014	1449	-0.52	-0.50	0.0	0	0.1	20.9	1.0	2.4	0.0	2.4	
VMP-2-5	4/23/2014	1521	-0.56	-0.61	0.0	0	0.1	20.8	1.1	1.9	0.0	1.9	
VMP-2-5	5/22/2014	1300	-0.89	-0.84	0.0	0	0.2	20.9	0.7	0.9	0.0	0.9	
VMP-2-5	6/18/2014	1049	-0.83	-0.74	0.0	0	0.2	20.8	0.8	1.1	0.0	1.1	
VMP-2-5	7/24/2014	0930	-0.74	-0.65	0.0	0	0.1	20.9	0.8	2.5	0.0	2.5	
VMP-2-5	8/21/2014	0930	-0.57	-0.59	0.0	0	0.1	20.9	2.6	3.0	0.0	3.0	
VMP-2-5	9/18/2014	0909	-0.73	-0.61	0.0	0	0.1	20.6	1.7	2.3	0.0	2.3	
VMP-2-5	10/23/2014	1405	-0.49	-0.48	0.0	0	0.1	20.9	1.2	1.9	0.0	1.9	
VMP-2-5	11/19/2014	1020	-0.56	-0.48	0.0	0	0.1	20.9	0.9	1.4	0.0	1.4	
VMP-2-5	12/18/2014	1403	-0.32	-0.39	0.0	0	0.1	20.8	1.3	1.2	0.0	1.2	
VMP-2-5	1/29/2015	1012	-0.94	-0.93	0.0	0	0.1	20.9	0.9	1.2	0.0	1.2	
VMP-2-5	2/27/2015	1109	-0.69	-0.55	0.0	0	0.1	20.9	0.5	1.0	0.0	1.0	
VMP-2-5	3/26/2015	1533	-1.14	-1.11	0.0	0	0.1	20.9	1.3	1.3	0.0	1.3	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-2-5	4/23/2015	1103	-1.12	-0.93	0.0	0	0.1	20.9	1.1	1.6	0.0	1.6	
VMP-2-5	5/21/2015	1306	-1.28	-1.43	0.0	0	0.1	20.8	0.5	2.3	0.0	2.3	
VMP-2-5	6/18/2015	0929	-1.21	-0.97	0.0	0	0.2	20.5	0.5	2.7	0.0	2.7	
VMP-2-5	7/23/2015	0934	-1.22	-1.13	0.0	0	0.1	20.9	0.5	0.4	0.0	0.4	
VMP-2-5	8/20/2015	1305	-0.88	-0.91	0.0	0	0.1	20.8	0.0	1.7	1.7	0.0	
VMP-2-5	9/17/2015	1158	-0.75	-0.79	0.0	0	0.0	20.9	0.7	0.0	0.0	0.0	
VMP-2-5	10/22/2015	1034	-0.60	-0.51	0.0	0	0.0	20.9	0.6	1.0	0.0	1.0	
VMP-2-5	11/24/2015	1120	0.00	0.00	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-2-5	12/17/2015	1307	0.00	0.00	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-2-5	1/21/2016	1320	0.00	-0.22	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-2-5	2/18/2016	1544	-0.11	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-2-5	3/23/2016	1310	0.00	0.00	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-2-5	4/20/2016	1015	0.00	0.00	0.0	0	0.5	20.0	0.3	0.0	0.0	0.0	
VMP-2-5	5/19/2016	1325	-0.09	-0.09	0.0	0	0.5	20.4	0.6	0.0	0.0	0.0	
VMP-2-5	6/22/2016	1100	0.00	0.00	0.0	0	2.7	15.9	0.5	0.0	0.0	0.0	
VMP-2-5	7/21/2016	1012	0.00	0.00	0.0	0	5.6	14.4	0.0	0.0	0.0	0.0	
VMP-2-5	8/25/2016	1050	0.00	0.00	0.0	0	5.0	15.7	0.1	0.0	0.0	0.0	
VMP-2-5	9/22/2016	1136	-0.45	0.0	0.0	0	5.3	15.1	0.2	0.0	0.0	0.0	
VMP-2-5	10/21/2016	1345	-0.10	-0.16	0.0	0	4.2	17.1	0.0	0.0	0.0	0.0	
VMP-2-5	11/17/2016	1325	0.00	0.00	0.0	0	3.1	17.8	0.4	0.0	0.0	0.0	
VMP-2-5	12/22/2016	1027	-0.27	0.00	0.0	0	1.6	19.9	0.3	0.0	0.0	0.0	
VMP-2-8.5	2/15/2012	1706	-0.12	0.22	0.0	0	6.4	11.7	16.5	28.3	1.0	27.3	
VMP-2-8.5	2/16/2012	1525	0.36	0.18	0.0	0	2.3	18.8	4.3	13.6	3.8	9.8	
VMP-2-8.5	2/17/2012	1356	0.08	0.09	0.0	0	8.0	9.8	4.7	25.9	16.2	9.7	
VMP-2-8.5	2/22/2012	825	-0.05	-0.02	0.0	0	0.2	20.8	1.6	10.8	5.5	5.3	
VMP-2-8.5	2/29/2012	906	-0.16	0.06	0.0	0	2.7	17.9	11.0	38.2	4.2	34.0	
VMP-2-8.5	3/21/2012	1417	-0.04	0.05	0.0	0	6.0	14.0	0.7	0.0	0.0	0.0	
VMP-2-8.5	4/18/2012	915	-0.16	-0.10	0.0	0	1.5	19.3	0.4	2.5	0.0	2.5	
VMP-2-8.5	5/16/2012	905	-0.32	-0.31	0.0	0	0.9	20.1	0.3	0.8	0.0	0.8	
VMP-2-8.5	6/20/2012	1321	0.02	0.03	0.0	0	4.2	16.4	0.9	2.2	0.0	2.2	
VMP-2-8.5	7/18/2012	1430	0.03	-0.02	0.0	0	4.7	15.5	0.8	2.3	0.0	2.3	
VMP-2-8.5	8/15/2012	1329	-0.02	0.00	0.0	0	5.3	16.0	0.4	1.5	0.0	1.5	
VMP-2-8.5	9/19/2012	921	-0.28	-0.25	0.0	0	0.7	20.3	0.5	4.0	0.0	4.0	
VMP-2-8.5	10/17/2012	1216	-0.10	-0.09	0.0	0	0.5	20.4	0.6	1.4	0.0	1.4	
VMP-2-8.5	11/20/2012	1500	-0.21	-0.23	0.0	0	1.0	19.9	0.2	0.3	0.0	0.3	
VMP-2-8.5	12/19/2012	905	-0.27	-0.34	0.0	0	1.6	19.5	0.2	0.3	0.0	0.3	
VMP-2-8.5	1/16/2013	1415	-0.02	-0.16	0.0	0	2.5	19.0	0.1	1.7	0.0	1.7	
VMP-2-8.5	2/26/2013	920	-0.07	-0.05	0.0	1	2.8	16.6	2.1	350	302	48.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-2-8.5	2/26/2013	1330	-0.08	NM	0.1	2	2.6	16.6	5.9	670	555	115	Resampled tedlar and vacuum to confirm readings.
VMP-2-8.5	3/21/2013	1318	-0.12	-0.04	0.0	0	1.0	20.3	0.2	0.3	0.0	0.3	
VMP-2-8.5	4/24/2013	950	-0.69	-0.50	0.0	0	0.8	20.1	0.3	0.4	0.0	0.4	
VMP-2-8.5	5/23/2013	1257	-0.61	-0.53	0.0	0	1.1	20.0	0.3	0.3	0.0	0.3	
VMP-2-8.5	6/25/2013	1338	-0.12	-0.01	0.0	0	0.9	19.7	0.5	1.6	0.0	1.6	
VMP-2-8.5	7/25/2013	0903	-0.26	-0.19	0.0	0	0.2	20.7	0.5	2.1	0.0	2.1	
VMP-2-8.5	8/29/2013	1016	-0.18	-0.20	0.0	0	0.2	20.7	0.5	2.1	0.0	2.1	
VMP-2-8.5	9/26/2013	1408	-0.22	-0.19	0.0	0	0.1	20.9	0.6	2.4	0.0	2.4	
VMP-2-8.5	10/24/2013	0859	-0.73	-0.62	0.0	0	0.1	20.7	0.4	2.2	0.0	2.2	
VMP-2-8.5	11/21/2013	0754	-0.49	-0.50	0.0	0	0.0	20.9	0.6	2.7	0.0	2.7	
VMP-2-8.5	12/19/2013	1018	-0.44	-0.24	0.0	0	0.0	20.9	0.4	1.2	0.0	1.2	
VMP-2-8.5	1/30/2014	1612	-0.53	-0.50	0.0	0	0.1	20.9	0.4	6.2	5.5	0.7	
VMP-2-8.5	2/25/2014	1344	-0.08	-0.25	0.0	0	0.5	20.5	0.7	0.9	0.0	0.9	
VMP-2-8.5	3/19/2014	1450	-0.66	-0.66	0.0	0	0.1	20.8	1.1	1.8	0.0	1.8	
VMP-2-8.5	4/23/2014	1525	-0.58	-0.62	0.0	0	0.1	20.7	1.0	1.6	0.0	1.6	
VMP-2-8.5	5/22/2014	1303	-0.92	-0.88	0.0	0	0.3	20.7	0.6	0.8	0.0	0.8	
VMP-2-8.5	6/18/2014	1049	-0.85	-0.78	0.0	0	0.4	20.6	1.3	1.3	0.0	1.3	
VMP-2-8.5	7/24/2014	0935	-0.82	-0.72	0.0	0	0.2	20.9	1.7	2.5	0.0	2.5	
VMP-2-8.5	8/21/2014	0932	-0.70	-0.73	0.0	0	0.2	20.8	2.3	3.7	0.0	3.7	
VMP-2-8.5	9/18/2014	0910	-0.89	-0.77	0.0	0	0.2	20.5	1.5	1.5	0.0	1.5	
VMP-2-8.5	10/23/2014	1406	-0.59	-0.60	0.0	0	0.2	20.9	1.1	1.8	0.0	1.8	
VMP-2-8.5	11/19/2014	1021	-0.69	-0.62	0.0	0	0.1	20.9	0.8	1.1	0.0	1.1	
VMP-2-8.5	12/18/2014	1408	-0.38	-0.36	0.0	0	0.1	20.8	1.2	0.9	0.0	0.9	
VMP-2-8.5	1/29/2015	1012	-1.04	-1.08	0.0	0	0.1	20.9	1.3	1.5	0.0	1.5	
VMP-2-8.5	2/27/2015	1109	-0.79	-0.64	0.0	0	0.1	20.9	0.6	0.7	0.0	0.7	
VMP-2-8.5	3/26/2015	1537	-1.13	-1.12	0.0	0	0.1	20.9	1.0	0.7	0.0	0.7	
VMP-2-8.5	4/23/2015	1104	-1.12	-0.98	0.0	0	0.2	20.7	0.9	1.3	0.0	1.3	
VMP-2-8.5-Dup	4/23/2015	1104	NM	NM	0.0	0	0.2	20.7	1.0	1.0	0.0	1.0	Duplicate sample.
VMP-2-8.5	5/21/2015	1310	-1.24	-1.48	0.0	0	0.2	20.7	0.6	2.0	0.0	2.0	
VMP-2-8.5	6/18/2015	0934	-1.23	-1.00	0.0	0	0.3	20.5	0.6	2.6	0.0	2.6	
VMP-2-8.5	7/23/2015	0942	-1.28	-1.19	0.0	0	0.3	20.7	0.3	0.3	0.0	0.3	
VMP-2-8.5	8/20/2015	1310	-0.98	-1.03	0.0	0	0.2	20.7	0.2	2.2	2.2	0.0	
VMP-2-8.5	9/17/2015	1203	-0.88	0.94	0.0	0	0.1	20.8	0.2	0.7	0.0	0.7	
VMP-2-8.5	10/22/2015	1039	-0.82	-0.81	0.0	0	0.1	20.8	0.6	1.5	0.0	1.5	
VMP-2-8.5	11/24/2015	1125	-0.40	-0.38	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-2-8.5	12/17/2015	1308	0.00	0.00	0.0	0	0.4	20.7	0.1	0.0	0.0	0.0	
VMP-2-8.5	1/21/2016	1325	-0.30	-0.43	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-2-8.5	2/18/2016	1548	-0.34	-0.40	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-2-8.5	3/23/2016	1315	-0.43	-0.40	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-2-8.5	4/20/2016	1020	-0.14	-0.07	0.0	0	0.3	20.3	0.0	0.0	0.0	0.0	
VMP-2-8.5	5/19/2016	1330	-0.65	-0.68	0.0	0	0.4	20.5	0.5	0.0	0.0	0.0	
VMP-2-8.5	6/22/2016	1105	0.00	0.00	0.0	0	1.0	18.9	0.6	0.0	0.0	0.0	
VMP-2-8.5	7/21/2016	1013	0.00	0.00	0.0	0	2.5	17.2	0.3	0.0	0.0	0.0	
VMP-2-8.5	8/25/2016	1051	-0.16	0.00	0.0	0	3.4	16.9	0.0	0.0	0.0	0.0	
VMP-2-8.5	9/22/2016	1138	0.00	0.00	0.0	0	4.0	16.2	0.3	0.0	0.0	0.0	
VMP-2-8.5	10/21/2016	1346	-0.11	-0.17	0.0	0	3.8	17.2	0.0	0.0	0.0	0.0	
VMP-2-8.5	11/17/2016	1326	0.00	0.00	0.0	0	3.0	17.6	0.0	0.0	0.0	0.0	
VMP-2-8.5	12/22/2016	1030	-0.18	-0.22	0.0	0	2.9	18.6	0.0	0.0	0.0	0.0	
VMP-2-22	2/15/2012	1707	-0.14	0.32	2.5	51	11.8	1.9	28.3	22000	20500	1500	
VMP-2-22	2/16/2012	1526	0.28	0.26	0.0	0	8.9	8.1	7.3	1000	1000	0.0	
VMP-2-22	2/17/2012	1357	0.12	0.13	0.7	15	10.3	4.9	20.6	6180	5600	580	
VMP-2-22	2/22/2012	826	0.00	-0.03	1.0	20	11.2	3.3	29.3	11550	7490	4060	
VMP-2-22	2/29/2012	907	-0.09	0.12	0.2	4	9.7	6.8	18.5	1360	1360	0.0	
VMP-2-22	3/21/2012	1418	0.09	0.08	0.0	0	8.5	8.5	8.0	170	162	8.0	
VMP-2-22	4/18/2012	916	-0.22	-0.13	0.0	0	6.3	13.5	0.5	3.0	0.0	3.0	
VMP-2-22	5/16/2012	909	-0.42	-0.41	0.0	0	5.8	15.1	0.3	0.4	0.0	0.4	
VMP-2-22	6/20/2012	1421	0.05	0.03	0.0	0	5.4	14.6	1.6	4.7	0.0	4.7	
VMP-2-22	7/18/2012	1425	0.03	-0.03	0.0	0	5.1	14.5	0.7	2.5	0.0	2.5	
VMP-2-22	8/15/2012	1330	-0.04	0.00	0.0	0	4.1	17.1	0.4	2.5	0.0	2.5	
VMP-2-22	9/19/2012	922	-0.47	-0.40	0.0	0	4.0	17.6	0.6	1.8	0.0	1.8	
VMP-2-22	10/17/2012	1217	-0.23	-0.16	0.0	0	3.2	17.5	0.6	1.2	0.0	1.2	
VMP-2-22	11/20/2012	1502	-0.29	-0.32	0.0	0	3.5	17.4	0.3	1.0	0.0	1.0	
VMP-2-22	12/19/2012	910	-0.34	-0.44	0.0	0	3.2	17.9	0.3	0.5	0.0	0.5	
VMP-2-22	1/16/2013	1420	-0.03	-0.22	0.0	0	3.7	16.3	0.3	19.3	14.8	4.5	
VMP-2-22	2/26/2013	925	0.10	-0.08	0.0	0	4.0	14.6	3.6	195	150	45.0	
VMP-2-22	2/26/2013	1330	0.12	NM	0.1	3	4.2	14.2	4.2	960	787	173	Resampled tedlar and vacuum to confirm readings.
VMP-2-22	3/21/2013	1322	-0.15	-0.05	0.0	0	1.7	19.7	0.4	0.8	0.0	0.8	
VMP-2-22	4/24/2013	955	-0.88	-0.63	0.0	0	1.7	19.7	0.3	0.5	0.0	0.5	
VMP-2-22	5/23/2013	1258	-0.79	-0.72	0.0	0	1.8	19.1	0.3	0.3	0.0	0.3	
VMP-2-22	6/25/2013	1339	-0.16	-0.01	0.0	0	2.2	17.6	0.6	0.3	0.0	0.3	
VMP-2-22	7/25/2013	0907	-0.46	-0.33	0.0	0	1.3	18.9	0.4	1.1	0.0	1.1	
VMP-2-22	8/29/2013	1020	-0.43	-0.40	0.0	0	1.5	19.2	0.5	1.9	0.0	1.9	
VMP-2-22	9/26/2013	1411	-0.48	-0.46	0.0	0	1.6	19.7	0.7	2.3	0.0	2.3	
VMP-2-22	10/24/2013	0903	-1.86	-1.62	0.0	0	1.2	19.9	0.4	1.7	0.0	1.7	
VMP-2-22	11/21/2013	0758	-1.33	-1.32	0.0	0	0.6	20.6	0.5	2.1	0.0	2.1	
VMP-2-22	12/19/2013	1022	-1.11	-0.67	0.0	0	0.5	20.6	0.2	0.8	0.0	0.8	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-2-22	1/30/2014	1613	-1.10	-1.06	0.0	0	0.5	20.6	0.6	2.1	0.0	2.1	
VMP-2-22	2/25/2014	1347	-0.23	-0.50	0.0	0	0.7	20.5	0.7	1.5	0.0	1.5	
VMP-2-22	3/19/2014	1451	-1.28	-1.27	0.0	0	0.3	20.7	1.1	1.5	0.0	1.5	
VMP-2-22	4/23/2014	1529	-0.96	-0.94	0.0	0	0.5	20.3	1.1	1.3	0.0	1.3	
VMP-2-22	5/22/2014	1306	-1.26	-1.27	0.0	0	0.8	20.1	0.9	0.5	0.0	0.5	
VMP-2-22	6/18/2014	1050	-1.23	-1.11	0.0	0	1.1	19.6	0.9	1.0	0.0	1.0	
VMP-2-22	7/24/2014	0940	-2.20	-1.23	0.0	0	1.5	19.5	1.3	2.4	0.0	2.4	
VMP-2-22	8/21/2014	0933	-1.38	-1.40	0.0	0	1.3	19.6	2.2	1.3	0.0	1.3	
VMP-2-22	9/18/2014	0911	-1.73	-1.46	0.0	0	1.5	19.5	2.2	1.4	0.0	1.4	
VMP-2-22	10/23/2014	1407	-1.16	-1.17	0.0	0	1.2	20.4	1.1	1.6	0.0	1.6	
VMP-2-22	11/19/2014	1021	-1.46	-1.26	0.0	0	0.8	20.4	1.7	1.1	0.0	1.1	
VMP-2-22	12/18/2014	1413	-0.69	-0.81	0.0	0	0.6	20.5	1.3	0.8	0.0	0.8	
VMP-2-22	1/29/2015	1012	-1.19	-1.96	0.0	0	0.4	20.6	1.7	0.7	0.0	0.7	
VMP-2-22	2/27/2015	1109	-1.47	-1.19	0.0	0	0.3	20.7	0.5	0.4	0.0	0.4	
VMP-2-22	3/26/2015	1540	-1.64	-1.63	0.0	0	0.4	20.7	1.0	1.1	0.0	1.1	
VMP-2-22	4/23/2015	1105	-1.69	-1.39	0.0	0	0.4	20.2	0.8	1.1	0.0	1.1	
VMP-2-22	5/21/2015	1314	-1.80	-2.10	0.0	0	0.6	19.8	0.7	2.2	0.0	2.2	
VMP-2-22	6/18/2015	0939	-1.79	-1.57	0.0	0	1.1	19.3	0.7	1.2	0.0	1.2	
VMP-2-22	7/23/2015	0946	-2.23	-1.85	0.0	0	1.7	19.3	0.3	0.0	0.0	0.0	
VMP-2-22	8/20/2015	1315	-1.65	-1.70	0.0	0	1.7	19.6	0.1	0.0	0.0	0.0	
VMP-2-22	9/17/2015	1208	-1.64	-1.68	0.0	0	1.4	19.4	0.6	0.0	0.0	0.0	
VMP-2-22-Dup	9/17/2015	0000	NM	NM	0.0	0	1.3	19.5	0.8	0.8	0.0	0.8	Duplicate sample.
VMP-2-22	10/22/2015	1044	-1.87	-1.86	0.0	0	0.6	20.4	0.6	0.6	0.0	0.6	
VMP-2-22	11/24/2015	1130	-1.83	-1.77	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-2-22	12/17/2015	1309	0.00	-0.11	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-2-22	1/21/2016	1330	-1.02	-1.24	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-2-22	2/18/2016	1553	-1.38	-1.62	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-2-22	3/23/2016	1320	-1.57	-1.55	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-2-22	4/20/2016	1025	-0.46	-0.30	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-2-22	5/19/2016	1335	-2.24	-2.26	0.0	0	0.6	20.2	0.2	0.0	0.0	0.0	
VMP-2-22	6/22/2016	1110	-0.11	-0.18	0.0	0	0.8	19.3	0.3	0.0	0.0	0.0	
VMP-2-22	7/21/2016	1014	-0.24	-0.15	0.0	0	1.9	17.8	0.0	0.0	0.0	0.0	
VMP-2-22	8/25/2016	1052	0.00	0.00	0.0	0	2.6	17.6	0.0	0.0	0.0	0.0	
VMP-2-22	9/22/2016	1140	0.00	-0.21	0.0	0	3.2	16.9	0.3	0.0	0.0	0.0	
VMP-2-22	10/21/2016	1347	-0.11	-0.15	0.0	0	3.0	17.1	0.1	0.0	0.0	0.0	
VMP-2-22	11/17/2016	1327	0.39	0.00	0.0	0	2.9	17.8	0.3	0.0	0.0	0.0	
VMP-2-22	12/22/2016	1033	-1.84	-0.13	0.0	0	2.3	19.0	0.2	0.0	0.0	0.0	
VMP-2-22-Dup	12/22/2016	1033	NM	NM	0.0	0	2.3	19.0	0.0	0.0	0.0	0.0	Duplicate sample.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-2-42	2/15/2012	1708	0.37	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	2/16/2012	1527	5.84	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	2/17/2012	1357	0.09	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	2/22/2012	826	-0.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	2/29/2012	909	0.95	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	3/21/2012	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	4/18/2012	917	-3.02	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	5/16/2012	914	-0.24	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	6/20/2012	1422	11.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	7/18/2012	1430	-0.52	-0.07	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	8/15/2012	1331	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	9/19/2012	923	12.19	-0.40	OVR	OVR	4.3	1.6	30.9	1000000	944000	56000	
VMP-2-42	10/17/2012	1214	2.57	0.16	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	11/20/2012	1457	-0.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	12/19/2012	915	-1.71	-0.54	OVR	OVR	4.2	3.6	52.7	1000000	575000	425000	
VMP-2-42	1/16/2013	1425	0.30	-0.02	OVR	OVR	5.2	0.9	40.3	1000000	1000000	0.0	
VMP-2-42	2/26/2013	925	0.41	0.26	OVR	OVR	5.6	2.0	30.3	548000	320000	228000	
VMP-2-42	3/21/2013	1326	0.11	0.30	OVR	OVR	6.4	0.9	28.8	1000000	680000	320000	
VMP-2-42	4/24/2013	1000	-1.27	-0.90	OVR	OVR	5.9	2.5	43.8	767000	450000	317000	
VMP-2-42	5/23/2013	1259	-1.08	-0.99	OVR	OVR	6.2	1.8	43.2	423000	213000	210000	
VMP-2-42	6/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-2-42	7/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-2-42	8/29/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-2-42	9/26/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-2-42	10/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged
VMP-2-42	11/21/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-2-42	12/19/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-2-42	1/30/2014	1614	-1.34	-1.34	OVR	OVR	5.2	2.4	25.9	1000000	1000000.0	0	
VMP-2-42	2/25/2014	1350	-0.05	-0.32	OVR	OVR	7.6	4.1	35.2	1000000	623000.0	377000	
VMP-2-42	3/19/2014	1452	-1.97	-1.93	OVR	OVR	6.8	8.1	49.3	242000	138000.0	104000	
VMP-2-42	4/23/2014	1533	-0.87	-0.91	OVR	OVR	8.0	3.3	50.5	1000000	469000.0	531000	
VMP-2-42	5/22/2014	1309	-1.84	-1.49	OVR	OVR	7.5	3.3	71.1	447000	214000.0	233000	
VMP-2-42	6/18/2014	1050	-1.57	-1.23	OVR	OVR	8.1	3.2	72.5	1000000	1000000.0	0.0	
VMP-2-42	7/24/2014	0945	-2.42	-1.56	OVR	OVR	9.9	2.9	110	397000	269000.0	128000	
VMP-2-42	8/21/2014	0934	-1.90	-1.63	OVR	OVR	8.6	5.0	62.1	284000	189000.0	95000	
VMP-2-42-Dup	8/21/2014	0935	NM	NM	OVR	OVR	8.3	8.0	74.1	260000	148000.0	112000	Duplicate Sample.
VMP-2-42	9/18/2014	0912	-2.35	-2.10	0.0	0	0.0	20.9	NM	NM	NM	NM	Ambient air present in sample. Resampled.
VMP-2-42	9/18/2014	1430	-2.35	NM	OVR	OVR	11.4	1.8	90.2	217000	134000.0	83000	Resample.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-2-42	10/23/2014	1408	-1.18	-1.21	OVR	OVR	9.4	4.4	58.5	245000	172000.0	73000	
VMP-02-42-Dup	10/23/2014	1409	NM	NM	OVR	OVR	8.5	8.2	67.8	140000	102000.0	38000	Duplicate sample.
VMP-2-42	11/19/2014	1022	-1.84	-1.22	OVR	OVR	7.6	8.4	86.2	232000	140000.0	92000	
VMP-2-42	12/18/2014	1418	-0.58	-0.58	OVR	OVR	7.0	1.9	37.9	1000000	1000000.0	0.0	
VMP-2-42-Dup	12/18/2014	0000	NM	NM	OVR	OVR	7.1	2.0	45.2	1000000	1000000.0	0.0	Duplicate sample.
VMP-2-42	1/29/2015	1012	-2.96	-2.74	OVR	OVR	8.6	2.1	59.9	1000000	942000	58000	
VMP-2-42	2/27/2015	1109	-1.74	-1.44	OVR	OVR	7.0	4.0	27.9	1000000	957000	43000	
VMP-2-42	3/26/2015	1544	-1.83	-1.83	OVR	OVR	7.7	3.4	43.5	1000000	1000000	0.0	
VMP-2-42	4/23/2015	1106	-2.26	-1.61	OVR	OVR	6.9	3.4	40.2	1000000	1000000	0.0	
VMP-2-42	5/21/2015	1318	-2.26	-2.34	OVR	OVR	6.5	2.7	32.5	1000000	1000000	0.0	
VMP-2-42-Dup	5/21/2015	1318	NM	NM	OVR	OVR	6.4	4.0	37.4	1000000	724000	276000	Duplicate sample.
VMP-2-42	6/18/2015	0944	-2.35	-1.94	OVR	OVR	6.1	4.1	18.0	1000000	1000000	0.0	
VMP-2-42	7/23/2015	0950	-2.54	-2.42	OVR	OVR	7.2	1.3	25.2	1000000	1000000	0.0	Flame-out occurred on FID, but not on methane scrubber.
VMP-2-42	8/20/2015	1320	-2.31	-2.23	OVR	OVR	7.0	1.2	17.4	1000000	1000000	0	Flame-out occurred on FID, but not on methane scrubber.
VMP-2-42	9/17/2015	1213	0.13	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	10/22/2015	1049	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	11/24/2015	1135	-0.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	12/17/2015	1310	-0.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	1/21/2016	1335	-0.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	2/18/2016	1558	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	3/23/2016	1325	-9.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	4/20/2016	1030	-0.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	5/19/2016	1340	-2.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	6/22/2016	1115	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	7/21/2016	1015	0.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	8/25/2016	1053	-0.66	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	9/22/2016	1141	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	10/21/2016	1348	-0.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	11/17/2016	1328	3.64	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-2-42	12/22/2016	1036	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-5	2/15/2012	1555	-0.28	-0.27	0.0	0	1.1	19.9	0.3	2.5	0.0	2.5	
VMP-3-5	2/16/2012	1617	-0.39	-0.36	0.0	0	1.1	20.6	0.3	5.5	5.5	0.0	
VMP-3-5	2/17/2012	936	-0.35	-0.30	0.0	0	1.2	20.3	0.3	1.2	0.0	1.2	
VMP-3-5	2/20/2012	949	-0.35	-0.35	0.0	0	1.0	20.3	0.3	2.0	0.0	2.0	
VMP-3-5	2/21/2012	853	-0.50	-0.45	0.0	0	0.9	20.5	0.3	2.1	0.0	2.1	
VMP-3-5	2/22/2012	924	-0.79	-0.20	0.0	0	1.0	20.7	0.1	0.0	0.0	0.0	
VMP-3-5	2/29/2012	920	-0.17	-0.23	0.0	0	0.9	20.1	0.2	0.0	0.0	0.0	
VMP-3-5	3/21/2012	1513	-0.03	-0.26	0.0	0	1.1	18.7	0.4	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-5	4/18/2012	1404	-0.14	-0.11	0.0	0	1.1	18.6	1.5	5.7	0.0	5.7	
VMP-3-5	5/16/2012	954	-0.19	-0.19	0.0	0	1.1	20.0	0.2	0.9	0.0	0.9	
VMP-3-5	6/20/2012	1511	-0.13	-0.12	0.0	0	3.3	18.0	1.1	6.1	0.1	6.0	
VMP-3-5	7/18/2012	1448	-0.03	-0.02	0.0	0	0.2	20.5	0.6	7.3	5.2	2.1	
VMP-3-5	8/15/2012	1416	0.00	0.00	0.0	0	0.2	20.7	0.6	4.7	0.0	4.7	
VMP-3-5	9/19/2012	1023	-0.28	-0.25	0.0	0	0.9	20.2	0.7	5.5	0.0	5.5	
VMP-3-5	10/17/2012	1235	-0.31	-0.10	0.0	0	0.3	20.4	0.7	1.9	0.0	1.9	
VMP-3-5	11/20/2012	1405	-0.14	-0.15	0.0	0	0.2	20.7	0.2	2.4	0.0	2.4	
VMP-3-5	12/19/2012	1100	-0.14	-0.10	0.0	0	0.1	20.7	0.1	1.1	0.0	1.1	
VMP-3-5	1/16/2013	1455	-0.09	-0.11	0.0	0	0.1	20.8	0.1	2.8	0.0	2.8	
VMP-3-5	2/26/2013	950	-0.30	-0.22	0.0	0	0.2	20.6	0.1	1.9	0.0	1.9	
VMP-3-5	3/21/2013	1035	0.00	-0.83	0.0	0	0.0	20.9	0.1	1.5	0.0	1.5	
VMP-3-5	4/24/2013	1100	-0.90	-0.82	0.0	0	0.5	20.3	0.3	0.2	0.0	0.2	
VMP-3-5	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-3-5	6/25/2013	1105	0.00	-0.03	0.0	0	0.5	15.7	0.4	1.9	0.0	1.9	
VMP-3-5	7/25/2013	0922	-2.20	-0.05	0.0	0	1.0	12.0	0.7	2.3	0.0	2.3	
VMP-3-5	8/29/2013	1315	-0.11	0.00	0.0	0	1.5	18.7	0.9	3.0	0.0	3.0	
VMP-3-5	9/26/2013	1457	-0.50	-0.19	0.0	0	1.5	19.7	0.5	1.7	0.0	1.7	
VMP-3-5	10/24/2013	0945	-0.53	-0.34	0.0	0	0.8	20.1	0.5	1.6	0.0	1.6	
VMP-3-5	11/20/2013	1500	-0.46	-0.32	0.0	0	0.6	18.6	0.2	2.1	0.0	2.1	
VMP-3-5	12/19/2013	1104	-0.55	-0.43	0.0	0	0.3	20.5	0.4	1.2	0.0	1.2	
VMP-3-5	1/31/2014	0900	-0.89	-0.76	0.0	0	0.4	20.6	0.4	2.52	0.0	2.52	
VMP-3-5	2/25/2014	1455	0.00	0.00	0.0	0	0.2	20.9	0.7	1.71	0.0	1.71	
VMP-3-5	3/19/2014	1130	-1.69	-0.14	0.0	0	0.2	20.7	0.6	0.81	0.0	0.81	
VMP-3-5	4/24/2014	1050	-1.00	0.00	0.0	0	0.2	20.1	1.2	3.57	0.0	3.57	
VMP-3-5	5/22/2014	1354	-4.68	0.00	0.0	0	0.4	19.3	1.1	1.79	0.0	1.79	
VMP-3-5	6/19/2014	1003	0.00	0.00	0.0	0	0.5	18.1	1.5	2.08	0.0	2.08	
VMP-3-5	7/24/2014	1053	-0.54	-0.26	0.0	0	0.8	18.9	2.7	3.11	0.0	3.11	
VMP-3-5	8/21/2014	1057	-0.75	-0.61	0.0	0	1.0	19.9	1.8	2.45	0.0	2.45	
VMP-3-5	9/18/2014	1315	-0.51	-0.39	0.0	0	1.2	19.7	0.8	1.07	0.0	1.07	
VMP-3-5	10/22/2014	1312	-0.73	-0.62	0.0	0	0.8	19.9	1.6	2.71	0.0	2.71	
VMP-3-5	11/19/2014	1351	-0.93	-0.53	0.0	0	0.4	20.5	0.7	0.21	0.0	0.21	
VMP-3-5	12/18/2014	1532	-1.09	-1.07	0.0	0	0.3	20.5	1.2	1.2	0.0	1.2	
VMP-3-5	1/29/2015	1110	-1.04	-1.20	0.0	0	0.2	19.8	0.9	0.6	0.0	0.6	
VMP-3-5	2/26/2015	1409	-1.31	-1.22	0.0	0	0.2	20.9	0.6	0.4	0.0	0.4	
VMP-3-5	3/27/2015	0932	-1.15	-1.37	0.0	0	0.2	20.6	0.5	0.5	0.0	0.5	
VMP-3-5	4/23/2015	1037	-0.37	-1.01	0.0	0	0.4	20.2	1.4	1.9	0.0	1.9	
VMP-3-5	5/21/2015	1347	-1.03	-1.24	0.0	0	0.5	19.8	0.5	3.7	0.0	3.7	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-5	6/18/2015	1029	-1.67	-1.45	0.0	0	0.7	19.1	0.6	1.6	0.0	1.6	
VMP-3-5	7/23/2015	0100	-1.42	-1.09	0.0	0	0.3	20.7	0.6	2.0	0.0	2.0	
VMP-3-5	8/20/2015	1433	0.00	0.00	0.0	0	0.4	20.1	0.3	0.4	0.0	0.4	
VMP-3-5	9/17/2015	1421	-1.77	-0.90	0.0	0	0.2	20.8	0.5	0.6	0.0	0.6	
VMP-3-5	10/22/2015	1056	-0.96	-0.61	0.0	0	0.1	20.8	0.7	1.6	0.0	1.6	
VMP-3-5	11/24/2015	1050	-0.11	0.00	0.0	0	0.1	19.2	0.1	0.0	0.0	0.0	
VMP-3-5	12/17/2015	1210	-9.43	-0.10	0.0	0	0.1	20.2	0.1	0.2	0.0	0.0	
VMP-3-5	1/21/2016	1355	-4.85	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-3-5	2/18/2016	1625	-1.39	-0.25	0.0	0	0.0	19.5	0.0	0.0	0.0	0.0	
VMP-3-5	3/23/2016	1425	-1.47	-1.21	0.0	0	0.0	20.5	0.3	0.0	0.0	0.0	
VMP-3-5	4/20/2016	1150	-0.10	-0.03	0.0	0	0.1	19.8	0.5	1.2	0.0	1.2	
VMP-3-5	5/19/2016	1435	-1.99	0.00	0.0	0	0.4	20.1	1.3	0.8	0.0	0.8	
VMP-3-5	6/22/2016	1315	-0.48	-0.24	0.0	0	0.0	20.9	0.8	0.5	0.0	0.5	
VMP-3-5	7/21/2016	1031	0.00	0.00	0.0	0	0.0	20.1	0.2	0.0	0.0	0.0	
VMP-3-5	8/25/2016	1345	-0.45	-0.25	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-3-5	9/22/2016	1330	-0.23	-0.12	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-3-5	10/21/2016	1436	0.00	-0.19	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-3-5	11/17/2016	1135	0.00	0.00	0.0	0	0.0	20.9	0.2	0.2	0.0	0.2	
VMP-3-5	12/5/2016	1159	-0.18	NM	0.0	0	0.1	20.2	0.2	0.0	0.0	0.0	
VMP-3-5	12/22/2016	1125	-0.28	-0.29	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-3-10	2/15/2012	1553	-0.30	-0.25	0.0	0	1.8	17.7	0.3	6.3	0.8	5.5	
VMP-3-10	2/16/2012	1618	-0.45	-0.41	0.0	0	1.4	19.4	1.9	9.2	5.7	3.5	
VMP-3-10	2/17/2012	937	-0.52	-0.34	0.0	0	1.3	19.6	1.0	4.3	0.0	4.3	
VMP-3-10	2/20/2012	950	-0.48	-0.42	0.0	0	1.0	19.9	0.8	3.2	0.0	3.2	
VMP-3-10	2/21/2012	855	-0.62	-0.59	0.0	0	0.8	20.2	0.7	2.5	0.0	2.5	
VMP-3-10	2/22/2012	924	-0.24	-0.26	0.0	0	0.8	20.4	0.4	2.5	0.0	2.5	
VMP-3-10	2/29/2012	921	0.00	-0.32	0.0	0	1.0	19.2	0.1	4.9	0.0	4.9	
VMP-3-10	3/21/2012	1516	-0.05	-0.19	0.0	0	0.9	18.3	0.8	0.0	0.0	0.0	
VMP-3-10	4/18/2012	1405	-0.15	-0.12	0.0	0	1.6	18.4	0.9	4.9	0.0	4.9	
VMP-3-10	5/16/2012	1006	-0.24	-0.28	0.0	0	2.0	18.7	0.3	0.5	0.0	0.5	
VMP-3-10	6/20/2012	1512	-0.30	-0.30	0.0	0	0.3	20.8	1.5	10.6	4.3	6.4	
VMP-3-10	7/18/2012	1452	-0.10	-0.08	0.0	0	1.8	19.0	1.0	4.3	0.0	4.3	
VMP-3-10	8/15/2012	1417	0.00	-0.10	0.0	0	1.4	19.6	0.5	2.8	0.0	2.8	
VMP-3-10	9/19/2012	1024	-0.33	-0.22	0.0	0	0.7	20.3	1.0	4.2	0.0	4.2	
VMP-3-10	10/17/2012	1236	-0.18	-0.19	0.0	0	0.5	20.0	0.7	1.3	0.0	1.3	
VMP-3-10	11/20/2012	1417	-0.20	-0.21	0.0	0	0.5	20.4	0.2	2.0	0.0	2.0	
VMP-3-10	12/19/2012	1115	-0.17	-0.11	0.0	0	0.5	20.4	0.2	0.5	0.0	0.5	
VMP-3-10	1/16/2013	1510	-0.15	-0.17	0.0	0	0.5	20.4	0.1	1.8	0.0	1.8	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-10	2/26/2013	955	-0.31	-0.37	0.0	0	0.7	20.2	0.2	0.4	0.0	0.4	
VMP-3-10	3/21/2013	1039	-0.63	-0.56	0.0	0	0.3	20.7	0.4	1.2	0.0	1.2	
VMP-3-10	4/24/2013	1105	-0.94	-0.88	0.0	0	0.8	19.5	0.3	0.3	0.0	0.3	
VMP-3-10	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-3-10	6/25/2013	1103	-0.84	-0.67	0.0	0	1.2	18.7	0.3	1.1	0.0	1.1	
VMP-3-10	7/25/2013	0928	-0.59	-0.68	0.0	0	1.8	18.7	0.8	0.9	0.0	0.9	
VMP-3-10	8/29/2013	1319	-0.14	-0.37	0.0	0	1.0	19.0	1.0	1.8	0.0	1.8	
VMP-3-10	9/26/2013	1458	-0.89	-0.77	0.0	0	0.9	20.4	0.5	1.2	0.0	1.2	
VMP-3-10	10/24/2013	0949	-0.97	-0.87	0.0	0	0.5	20.3	0.5	1.8	0.0	1.8	
VMP-3-10	11/20/2013	1505	-1.36	-0.34	0.0	0	0.4	20.5	0.2	1.3	0.0	1.3	
VMP-3-10	12/19/2013	1108	-0.65	-0.47	0.0	0	0.4	20.8	0.3	0.5	0.0	0.5	
VMP-3-10	1/31/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Pullback during purge. Could not sample.
VMP-3-10	2/25/2014	1458	-1.28	-0.27	0.0	0	0.2	20.9	0.8	1.88	0.0	1.88	
VMP-3-10	3/19/2014	1051	-0.89	-0.78	0.0	0	0.1	20.7	0.8	0.42	0.0	0.42	
VMP-3-10	4/24/2014	1054	-1.07	-1.08	0.0	0	0.3	20.7	0.6	2.47	0.0	2.47	
VMP-3-10	5/22/2014	1357	-0.27	-0.21	0.0	0	0.6	20.4	0.7	0.79	0.0	0.79	
VMP-3-10	6/19/2014	1006	-1.05	-1.07	0.0	0	0.8	20.3	4.4	3.35	0.0	3.35	
VMP-3-10	7/24/2014	1058	-0.56	-0.46	0.0	0	0.8	20.3	2.7	2.82	0.0	2.82	
VMP-3-10	8/21/2014	1058	-0.72	-0.75	0.0	0	0.4	20.5	1.8	1.82	0.0	1.82	
VMP-3-10	9/18/2014	1316	-0.53	-0.48	0.0	0	0.6	20.5	1.0	0.67	0.0	0.67	
VMP-3-10	10/22/2014	1313	-0.68	-0.74	0.0	0	0.4	20.9	1.4	2.29	0.0	2.29	
VMP-3-10	11/19/2014	1352	-1.33	-0.65	0.0	0	0.2	20.7	0.9	0.66	0.0	0.66	
VMP-3-10	12/18/2014	1537	-1.74	-1.25	0.0	0	0.3	20.7	1.5	2.94	0.0	2.94	
VMP-3-10	1/29/2015	1110	-0.98	-1.28	0.0	0	0.2	20.7	1.1	0.9	0.0	0.9	
VMP-3-10	2/26/2015	1409	-1.22	-1.20	0.0	0	0.2	20.6	1.5	0.7	0.0	0.7	
VMP-3-10	3/27/2015	0932	-1.91	-1.75	0.0	0	0.3	20.8	0.7	0.3	0.0	0.3	
VMP-3-10	4/23/2015	1042	-1.52	-1.41	0.0	0	0.6	20.5	1.4	1.5	0.0	1.5	
VMP-3-10	5/21/2015	1351	-1.39	-1.52	0.0	0	0.5	20.3	0.6	2.8	0.0	2.8	
VMP-3-10	6/18/2015	1039	-2.04	-2.05	0.0	0	1.1	19.8	0.5	1.0	0.0	1.0	
VMP-3-10	7/23/2015	1004	-1.51	-1.48	0.0	0	0.5	20.6	0.5	1.1	0.0	1.1	
VMP-3-10	8/20/2015	1438	-1.81	-1.92	0.0	0	1.4	19.9	0.2	0	0.0	0	
VMP-3-10	9/17/2015	1426	-1.44	-1.47	0.0	0	1.6	19.7	0.1	0.0	0.0	0.0	
VMP-3-10	10/22/2015	1101	-0.90	-1.02	0.0	0	0.2	20.6	0.6	1.4	0.0	1.4	
VMP-3-10	11/24/2015	1055	-2.03	-1.80	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-3-10	12/17/2015	1215	-0.12	-0.14	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-3-10	1/21/2016	1400	-0.89	-0.97	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-3-10	2/18/2016	1630	-1.44	-1.23	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-3-10	3/23/2016	1430	-1.27	-1.51	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-10	4/20/2016	1155	-0.11	-0.04	0.0	0	0.3	20.4	0.7	7.9	6.8	1.1	
VMP-3-10	5/19/2016	1440	-2.53	-2.51	0.0	0	0.3	20.7	1.2	0.6	0.0	0.6	
VMP-3-10	6/22/2016	1320	-1.00	-0.86	0.0	0	0.2	20.6	0.4	0.0	0.0	0.0	
VMP-3-10	7/21/2016	1032	-1.48	-1.34	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-3-10	8/25/2016	1346	-1.59	-1.40	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-3-10	9/22/2016	1332	-1.50	-1.37	0.0	0	0.0	20.8	0.3	0.0	0.0	0.0	
VMP-3-10	10/21/2016	1439	-1.46	-1.41	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-3-10	11/17/2016	1136	-0.55	-0.54	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-3-10	12/5/2016	1200	0.12	NM	0.0	0	0.5	20.1	0.2	0.0	0.0	0.0	
VMP-3-10	12/22/2016	1128	-1.05	-1.04	0.0	0	0.4	20.0	0.2	0.0	0.0	0.0	
VMP-3-22	2/15/2012	1558	-0.33	-0.30	0.0	0	6.3	14.3	0.8	5.5	0.6	5.0	
VMP-3-22	2/16/2012	1619	-1.14	-0.77	0.0	0	7.1	13.4	2.1	6.3	3.0	3.4	
VMP-3-22	2/17/2012	938	-0.43	-0.55	0.0	0	7.7	13.7	0.9	2.8	0.0	2.8	
VMP-3-22	2/20/2012	951	-1.22	-0.95	0.0	0	5.6	17.1	0.8	3.9	0.0	3.9	
VMP-3-22	2/21/2012	854	-2.27	-1.57	0.0	0	4.8	17.0	0.5	5.0	0.0	5.0	
VMP-3-22	2/22/2012	923	-0.22	-0.07	0.0	0	5.8	16.4	0.4	2.7	0.0	2.7	
VMP-3-22	2/29/2012	922	-0.27	-0.04	0.0	1	4.7	16.2	1.4	478	440	38.0	
VMP-3-22	3/21/2012	1516	-0.29	-0.20	0.0	0	1.6	19.7	0.4	0.0	0.0	0.0	
VMP-3-22	4/18/2012	1406	-0.15	0.00	0.0	0	0.0	20.9	0.2	5.1	0.0	5.1	
VMP-3-22	5/16/2012	1010	-0.35	-0.35	0.0	0	0.9	20.2	0.5	1.0	0.0	1.0	
VMP-3-22	6/20/2012	1513	-0.14	-0.04	0.0	0	0.9	20.3	1.0	5.2	2.1	3.1	
VMP-3-22	7/18/2012	1449	-0.14	-0.12	0.0	0	0.8	20.1	0.8	3.7	0.0	3.7	
VMP-3-22	8/15/2012	1418	-0.15	-0.14	0.0	0	1.3	19.7	0.8	5.6	0.0	5.6	
VMP-3-22	9/19/2012	1025	-0.44	-0.40	0.0	0	3.6	16.8	1.2	5.0	0.0	5.0	
VMP-3-22	10/17/2012	1236	-0.28	-0.28	0.0	0	3.1	17.6	0.8	1.8	0.0	1.8	
VMP-3-22	11/20/2012	1421	-0.27	-0.29	0.0	0	2.8	18.2	0.2	2.1	0.0	2.1	
VMP-3-22	12/19/2012	1120	-0.22	-0.12	0.0	0	2.8	18.3	0.2	0.3	0.0	0.3	
VMP-3-22	1/16/2013	1515	-0.19	-0.22	0.0	0	3.5	16.6	0.1	6.8	4.3	2.5	
VMP-3-22	2/26/2013	1005	-0.32	-0.38	0.0	0	6.9	12.5	0.5	16.9	16.0	0.9	
VMP-3-22	3/21/2013	1043	-0.72	-0.68	0.0	0	1.4	20.0	0.4	0.4	0.0	0.4	
VMP-3-22	4/24/2013	1110	-1.00	-0.97	0.0	0	1.6	19.2	0.3	0.4	0.0	0.4	
VMP-3-22	5/23/2013	1324	-1.05	-1.01	0.0	0	2.5	19.2	0.3	0.4	0.0	0.4	
VMP-3-22	6/25/2013	1104	-0.84	-0.69	0.0	0	2.3	18.6	0.4	0.4	0.0	0.4	
VMP-3-22	7/25/2013	0933	-0.63	-0.76	0.0	0	2.8	18.2	0.7	0.4	0.0	0.4	
VMP-3-22	8/29/2013	1323	-0.48	-0.43	0.0	0	2.1	18.9	0.8	0.5	0.0	0.5	
VMP-3-22	9/26/2013	1459	-0.96	-0.92	0.0	0	2.3	19.3	0.5	0.9	0.0	0.9	
VMP-3-22	10/24/2013	0953	-1.14	-1.04	0.0	0	1.8	19.5	0.4	1.0	0.0	1.0	
VMP-3-22	11/20/2013	1510	-0.95	-0.40	0.0	0	1.3	20.0	0.3	0.2	0.0	0.2	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-22	12/19/2013	1112	-0.72	-0.48	0.0	0	1.4	20.2	0.2	0.2	0.0	0.2	
VMP-3-22	1/31/2014	0858	-0.98	-1.06	0.0	0	1.2	19.6	0.4	0.22	0.0	0.22	
VMP-3-22	2/25/2014	1501	-0.81	-0.28	0.0	0	2.4	18.7	1.0	1.68	0.0	1.68	
VMP-3-22	3/19/2014	1055	-0.97	-0.87	0.0	0	0.7	20.3	0.9	0.39	0.0	0.39	
VMP-3-22	4/24/2014	1058	-1.18	-1.22	0.0	0	0.7	20.2	0.6	1.31	0.0	1.31	
VMP-3-22	5/22/2014	1400	-1.27	-1.36	0.0	0	1.0	20.2	0.7	0.65	0.0	0.65	
VMP-3-22	6/19/2014	1008	-1.22	-1.24	0.0	0	1.5	19.5	1.9	1.29	0.0	1.29	
VMP-3-22	7/24/2014	1103	-0.76	-0.66	0.0	0	1.9	19.4	1.5	1.74	0.0	1.74	
VMP-3-22	8/21/2014	1059	-0.93	-0.87	0.0	0	1.7	19.3	1.8	2.29	0.0	2.29	
VMP-3-22	9/18/2014	1317	-0.67	-0.61	0.0	0	2.3	19.6	2.7	0.75	0.0	0.75	
VMP-3-22	10/22/2014	1314	-0.88	-0.89	0.0	0	1.9	20.0	1.9	1.48	0.0	1.48	
VMP-3-22	11/19/2014	1352	-1.25	-0.87	0.0	0	1.2	20.1	0.8	0.52	0.0	0.52	
VMP-3-22	12/18/2014	1542	-1.52	-1.54	0.0	0	0.8	20.2	1.4	0.25	0.0	0.25	
VMP-3-22	1/29/2015	1110	-1.68	-1.59	0.0	0	0.6	20.3	1.0	0.3	0.0	0.3	
VMP-3-22	2/26/2015	1409	-1.58	-1.54	0.0	0	0.5	20.6	0.5	0.0	0.0	0.0	
VMP-3-22	3/27/2015	0934	-2.00	-1.97	0.0	0	0.5	20.6	0.8	0.4	0.0	0.4	
VMP-3-22	4/23/2015	1047	-1.79	-1.68	0.0	0	0.5	20.0	0.9	0.8	0.0	0.8	
VMP-3-22	5/21/2015	1355	-1.73	-1.73	0.0	0	0.9	19.9	0.6	1.8	0.0	1.8	
VMP-3-22	6/18/2015	1034	-1.73	-1.73	0.0	0	0.7	20.1	0.6	0.6	0.0	0.6	
VMP-3-22	7/23/2015	1008	-1.81	-1.76	0.0	0	1.7	19.5	0.6	0.0	0.0	0.0	
VMP-3-22	8/20/2015	1443	-1.57	-1.65	0.0	0	0.3	20.9	0.2	0.0	0.0	0.0	
VMP-3-22	9/17/2015	1431	-1.07	-1.12	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-3-22	10/22/2015	1106	-1.49	-1.42	0.0	0	0.8	20.1	0.5	0.0	0.0	0.0	
VMP-3-22	11/24/2015	1100	-2.26	-2.02	0.0	0	0.7	20.4	0.2	0.0	0.0	0.0	
VMP-3-22	12/17/2015	1220	0.00	-0.36	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-3-22	1/21/2016	1405	-1.19	-1.25	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-3-22	2/18/2016	1635	-1.81	-1.76	0.0	0	0.7	20.6	0.2	0.0	0.0	0.0	
VMP-3-22	3/23/2016	1435	-1.80	-1.88	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	
VMP-3-22	4/20/2016	1200	-0.09	-0.03	0.0	0	0.4	20.2	0.4	0.0	0.0	0.0	
VMP-3-22	5/19/2016	1445	-2.87	-2.87	0.0	0	0.6	20.5	0.6	0.0	0.0	0.0	
VMP-3-22	6/22/2016	1325	-1.52	-1.36	0.0	0	0.9	20.0	0.4	0.0	0.0	0.0	
VMP-3-22	7/21/2016	1033	-1.68	-1.53	0.0	0	1.1	19.8	0.0	0.0	0.0	0.0	
VMP-3-22	8/25/2016	1347	-2.61	-2.57	0.0	0	1.1	19.6	0.2	0.0	0.0	0.0	
VMP-3-22	9/22/2016	1335	-2.22	-2.23	0.0	0	1.3	19.5	0.3	0.0	0.0	0.0	
VMP-3-22	10/21/2016	1441	-1.85	-1.85	0.0	0	0.9	20.1	0.2	0.0	0.0	0.0	
VMP-3-22	11/17/2016	1137	-0.65	-0.64	0.0	0	0.9	20.2	0.1	0.0	0.0	0.0	
VMP-3-22	12/5/2016	1201	0.14	NM	0.0	0	1.6	19.0	0.2	0.0	0.0	0.0	
VMP-3-22	12/22/2016	1130	-1.51	-1.54	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-31.5	2/15/2012	1559	-0.40	-0.34	OVR	OVR	6.4	1.7	91.0	1000000	860000	140000	
VMP-3-31.5	2/16/2012	1620	-0.57	-0.41	OVR	OVR	6.4	4.2	107	889000	231000	658000	
VMP-3-31.5	2/17/2012	939	-1.29	-0.35	OVR	OVR	6.5	2.1	103	970000	517000	453000	
VMP-3-31.5	2/20/2012	952	-0.50	-0.34	OVR	OVR	5.9	4.6	105	948000	279000	669000	
VMP-3-31.5	2/21/2012	856	-0.48	-0.48	OVR	OVR	2.4	14.6	155	432000	88520	343480	
VMP-3-31.5	2/22/2012	924	-0.20	-0.25	OVR	OVR	4.4	7.3	109	930000	302000	628000	
VMP-3-31.5	2/29/2012	923	-0.62	-0.80	OVR	OVR	5.5	4.8	107	835000	213000	622000	
VMP-3-31.5	3/21/2012	1515	-0.05	-0.15	OVR	OVR	7.2	1.7	99.0	1000000	256000	744000	
VMP-3-31.5	4/18/2012	1407	-0.20	-0.08	OVR	OVR	6.2	1.4	115	1000000	238000	762000	
VMP-3-31.5	5/16/2012	1001	-1.19	-1.16	OVR	OVR	4.2	9.7	175	133000	65900	67100	
VMP-3-31.5	6/20/2012	1514	-0.27	-0.26	OVR	OVR	4.6	5.4	175	100000	40000	60000	
VMP-3-31.5	7/18/2012	1450	-0.41	-0.37	OVR	OVR	5.9	5.5	110	129000	40000	89000	
VMP-3-31.5	8/15/2012	1419	-0.48	-0.39	OVR	OVR	9.0	1.5	197	45600	26800	18800	
VMP-3-31.5	9/19/2012	1026	-1.45	-1.27	OVR	OVR	8.7	3.4	243	38300	17100	21200	
VMP-3-31.5	10/17/2012	1237	-0.94	-0.85	39.1	OVR	6.5	8.2	249	15200	10400	4800	
VMP-3-31.5	11/20/2012	1409	-0.82	-0.86	2.2	45	4.7	11.8	165	2800	1400	1400	
VMP-3-31.5	12/19/2012	1105	-0.90	-0.46	0.2	5	3.5	15.3	55.6	370	47.7	322	
VMP-3-31.5	1/16/2013	1500	-0.35	-0.56	60.0	OVR	9.6	1.8	295	32000	17900	14100	
VMP-3-31.5	2/26/2013	1000	-0.46	-0.59	OVR	OVR	10.1	0.9	190	58700	25300	33400	
VMP-3-31.5	3/21/2013	1047	-1.24	-1.50	44.0	OVR	9.5	2.7	212	23700	16000	7700	
VMP-3-31.5	4/24/2013	1115	-2.00	-2.00	35.6	OVR	8.7	4.4	329	18400	11000	7400	
VMP-3-31.5	5/23/2013	1325	-2.03	-2.44	55.4	OVR	9.8	1.3	190	35100	21000	14100	
VMP-3-31.5	6/25/2013	1136	-1.27	-1.05	30.3	OVR	6.8	5.7	252	20500	14600	5900	
VMP-3-31.5	7/25/2013	0941	-1.60	-0.63	13.0	OVR	5.9	8.0	155	10000	6700	3300	
VMP-3-31.5	8/29/2013	1327	-0.96	-0.48	1.3	26	5.5	9.7	61.3	4000	2500	1500	
VMP-3-31.5	9/26/2013	1501	-2.71	-2.25	1.4	29	8.4	4.8	140	4130	3200	930	
VMP-3-31.5	10/24/2013	0957	-3.28	-2.94	0.3	7	7.7	7.3	41	1150	1000	150	
VMP-3-31.5	11/20/2013	1450	-2.95	-1.55	0.2	5	10.4	2.4	28	923	814	109	
VMP-3-31.5	12/19/2013	1116	-2.18	-1.52	0.0	0	7.3	9.5	14	81.5	72	9.5	
VMP-3-31.5	1/31/2014	0858	0.00	0.00	0.0	0	5.4	10.6	5.5	38.6	22.2	16.4	
VMP-3-31.5	2/25/2014	1504	-1.46	-0.88	0.0	0	10.6	5.8	8.2	96.5	18.9	77.6	
VMP-3-31.5	3/19/2014	1039	-1.84	-1.59	0.0	0	9.7	8.2	4.9	12.5	5.5	7	
VMP-3-31.5	4/24/2014	1102	-2.45	-1.43	0.0	0	8.8	9.9	17.2	37.4	10.1	27.3	
VMP-3-31.5	5/22/2014	1403	-2.35	-2.39	0.0	0	10.8	8.5	30.1	111.5	9.3	102.2	
VMP-3-31.5	6/19/2014	1010	-2.13	-2.02	0.0	0	8.6	10.9	17.0	17.9	9.1	8.8	
VMP-3-31.5	7/24/2014	1108	-2.47	-1.83	0.0	0	8.8	10.4	3.2	1.1	0.0	1.1	
VMP-3-31.5	8/21/2014	1100	-2.64	-2.01	0.0	0	9.2	8.4	2.9	1.89	0.0	1.89	
VMP-3-31.5	9/18/2014	1318	-1.44	-1.23	0.0	0	11.1	9.4	1.4	2.7	0.0	2.7	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-31.5	10/22/2014	1314	-3.96	-2.32	0.0	0	10.8	9.3	1.6	1.95	0.0	1.95	
VMP-3-31.5	11/19/2014	1354	-4.14	-3.02	0.0	0	7.4	14.8	1.1	12.7	12.7	0	
VMP-3-31.5	12/18/2014	1547	-1.83	-4.37	0.0	0	7.0	16.1	1.5	2.32	0.0	2.32	
VMP-3-31.5	1/29/2015	1110	-5.21	-5.22	0.0	0	5.5	17.3	1.2	1.6	0.0	1.6	
VMP-3-31.5	2/27/2015	1153	-8.47	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge. Could not sample.
VMP-3-31.5	3/27/2015	0935	-5.02	-4.88	0.0	0	3.3	19.2	0.7	1.6	0.0	1.6	
VMP-3-31.5	4/23/2015	1052	-2.41	-1.67	0.0	0	0.4	20.6	1.1	2.3	0.0	2.3	Resample due to elevated oxygen concentration.
VMP-3-31.5	4/23/2015	1603	-1.64	NM	0.0	0	1.5	20.3	1.2	3.0	0.0	3.0	Resample.
VMP-3-31.5	5/21/2015	1359	-1.34	-1.19	0.0	0	1.4	20.4	0.5	3.1	0.0	3.1	
VMP-3-31.5	6/18/2015	1044	-3.08	-1.84	0.0	0	0.1	20.8	0.5	2.6	0.0	2.6	
VMP-3-31.5	7/23/2015	1012	-0.94	-0.77	0.0	0	0.3	20.7	0.8	0.7	0.0	0.7	
VMP-3-31.5	8/20/2015	1448	-5.87	-1.33	0.0	0	0.3	20.7	0.2	0.3	0.0	0.3	
VMP-3-31.5	9/17/2015	1435	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP tubing broken.
VMP-3-31.5	10/22/2015	1106	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to re-installation.
VMP-3-31.5	11/24/2015	1105	-7.51	-7.12	0.0	0	5.5	17.2	0.4	2.6	0.0	2.6	
VMP-3-31.5	12/17/2015	1225	0.00	-0.36	0.0	0	5.5	17.3	0.4	0.3	0.0	0.3	
VMP-3-31.5	1/21/2016	1410	-3.91	-4.04	0.0	0	5.6	16.8	0.3	2.1	0.0	2.1	
VMP-3-31.5	2/18/2016	1640	-6.55	-6.58	0.0	0	3.3	18.7	0.2	2.2	0.0	2.2	
VMP-3-31.5	3/23/2016	1440	-7.06	-7.04	0.0	0	4.8	17.9	0.4	1.9	0.0	1.9	
VMP-3-31.5	4/20/2016	1205	-0.58	-0.36	0.0	0	4.4	17.6	0.5	3.3	0.0	3.3	
VMP-3-31.5-Dup	4/20/2016	1205	NM	NM	0.0	0	4.3	17.7	0.5	3.4	0.0	3.4	Duplicate sample.
VMP-3-31.5	5/19/2016	1450	-9.90	-9.93	0.0	0	2.6	19.0	0.6	2.7	0.0	2.7	
VMP-3-31.5	6/22/2016	1330	-11.95	-12.13	0.0	0	3.1	17.8	1.5	5.1	4.8	0.3	
VMP-3-31.5	7/21/2016	1034	-8.57	-8.51	0.0	0	3.2	17.8	0.0	5.1	5.0	0.1	
VMP-3-31.5	8/25/2016	1348	-14.32	-14.15	0.0	0	2.9	17.3	0.2	2.6	0.0	2.6	
VMP-3-31.5-Dup	8/25/2016	1348	NM	NM	0.0	0	3.1	17.4	0.2	2.8	0.0	2.8	Duplicate sample.
VMP-3-31.5	9/22/2016	1337	-12.58	-12.52	0.0	0	3.7	16.8	0.3	3.6	0.0	3.6	
VMP-3-31.5	10/21/2016	1444	-9.97	-9.98	0.0	0	3.0	17.8	0.2	6.8	6.0	0.8	
VMP-3-31.5	11/17/2016	1138	-4.70	-4.64	0.0	0	3.4	17.3	0.1	16.3	13.7	2.6	
VMP-3-31.5	12/5/2016	1202	0.30	NM	0.0	0	8.7	6.4	0.3	31.7	28.2	3.5	
VMP-3-31.5	12/22/2016	1132	-10.83	-10.56	0.0	0	3.4	18.8	0.2	15.2	14.7	0.5	
VMP-3-39	2/15/2012	1557	-1.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	2/16/2012	1621	-12.41	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	2/17/2012	940	-96.22	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	2/20/2012	952	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	2/21/2012	857	-60.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	2/22/2012	925	-0.14	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	2/29/2012	924	3.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-39	3/21/2012	NA	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	4/18/2012	1408	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	5/16/2012	1015	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	6/20/2012	1515	0.02	0.01	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	7/18/2012	1452	0.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	8/15/2012	1420	-0.27	-0.19	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	9/19/2012	1027	-1.41	-1.19	OVR	OVR	7.9	2.5	260	38100	34600	3500	
VMP-3-39	10/17/2012	1424	-3.03	-0.84	OVR	OVR	8.8	1.3	226	50600	30300	20300	
VMP-3-39	11/20/2012	1413	-0.83	-0.87	OVR	OVR	9.2	1.2	310	47900	22700	25200	
VMP-3-39	12/19/2012	1110	-0.93	-0.43	OVR	OVR	7.9	2.1	240	450000	205000	245000	
VMP-3-39	1/16/2013	1505	-0.31	-0.53	OVR	OVR	9.0	0.8	220	225000	74800	150200	
VMP-3-39	2/26/2013	950	-0.88	-0.45	19.0	OVR	0.8	19.5	160	12000	4700	7300	Tedlar results are suspect.
VMP-3-39	3/21/2013	1051	-1.81	-1.40	OVR	OVR	9.5	0.8	184	96300	46200	50100	
VMP-3-39	4/24/2013	1120	-2.05	-1.93	78.5	OVR	8.2	3.4	295	32300	18500	13800	
VMP-3-39	5/23/2013	1326	-2.24	-2.16	OVR	OVR	9.4	1.8	198	53800	37300	16500	
VMP-3-39	6/25/2013	1106	-1.10	-0.60	33.9	OVR	8.1	2.4	231	23220	15670	7550	
VMP-3-39	7/25/2013	0947	-1.43	-1.65	22.0	OVR	9.2	1.0	158	16200	11100	5100	
VMP-3-39	8/29/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	9/26/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	10/24/2013	1001	-3.15	-2.78	OVR	OVR	7.4	5.9	125	436000	185000	251000	
VMP-3-39	11/20/2013	1455	-2.88	-1.35	OVR	OVR	8.5	4.3	126	357000	136000	221000	
VMP-3-39	12/19/2013	1120	-2.08	-1.39	OVR	OVR	9.3	3.3	184	254000	111000	143000	
VMP-3-39	1/31/2014	0858	-2.52	-2.21	OVR	OVR	12.3	0.5	141	123000	42700	80300	
VMP-3-39	2/25/2014	1507	-0.16	-0.71	OVR	OVR	12.8	1.5	151	151000	61800	89200	
VMP-3-39	3/19/2014	1044	-1.78	-1.75	0.1	2	12.6	2.9	8.3	446	154.0	292	Resampled due to low concentrations.
VMP-3-39	3/26/2014	1115	-1.95	-1.22	OVR	OVR	13.7	2.7	141	88900	41500	47400	Resample.
VMP-3-39	4/24/2014	1106	-2.01	-2.08	28.5	OVR	13.2	3.2	123	20000	10200	9800	
VMP-3-39	5/22/2014	1406	-2.14	-2.14	0.6	12	11.1	5.4	72.5	1020	411.0	609	
VMP-3-39	6/19/2014	1013	-2.13	-2.00	0.2	5	9.0	9.4	44.9	234	103.4	130.6	
VMP-3-39	7/24/2014	1113	-2.01	-1.76	0.0	0	9.1	9.6	6.4	21.7	11.9	9.8	
VMP-3-39	8/21/2014	1101	-2.25	-2.27	0.5	10	10.0	6.5	49.9	652.8	95.2	557.6	
VMP-3-39	9/18/2014	1319	-1.17	-0.91	28.0	OVR	10.9	8.6	233	13100	3500	9600	
VMP-3-39	10/22/2014	1314	-1.93	-1.79	7.5	OVR	10.2	9.4	193	7550	3250	4300	
VMP-3-39	11/19/2014	1357	-2.54	-1.92	28.3	OVR	6.7	14.8	252	19900	9100	10800	
VMP-3-39	12/18/2014	1552	-2.99	-3.02	0.0	0	5.4	17.4	2.8	38.4	34.6	3.8	
VMP-3-39	1/29/2015	1110	-3.96	-3.67	0.1	3	6.0	16.6	12.2	934	778	156	
VMP-3-39	2/27/2015	1153	-3.33	-2.49	0.0	0	3.5	18.8	2.1	48	45.9	2	
VMP-3-39	3/27/2015	0935	-2.05	-2.02	0.0	0	1.5	20.2	0.8	1.1	0.0	1.1	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-3-39	4/23/2015	1057	-0.87	-0.71	0.0	0	0.1	20.8	0.9	2.5	0.0	2.5	Resample due to elevated oxygen concentration.
VMP-3-39	4/23/2015	1604	-0.78	NM	0.0	0	0.3	20.9	0.9	2.6	0.0	2.6	Resample.
VMP-3-39	5/21/2015	1403	-0.89	-0.95	0.0	0	0.1	20.8	0.6	2.9	0.0	2.9	
VMP-3-39	6/18/2015	1049	-1.48	-1.56	0.0	0	0.2	20.6	0.5	1.8	0.0	1.8	
VMP-3-39-Dup	6/18/2015	1049	NM	NM	0.0	0	0.2	20.6	0.6	0.6	0.0	0.6	Duplicate sample.
VMP-3-39	7/23/2015	1016	-0.94	-0.84	0.0	0	0.3	20.7	1.1	0.6	0.0	0.6	
VMP-3-39	8/20/2015	1453	-1.04	-1.05	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-3-39	9/17/2015	1437	-0.52	-0.56	0.0	0	0.3	20.7	0.2	0.5	0.0	0.5	
VMP-3-39	10/22/2015	1106	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to pending re-installation.
VMP-3-39	11/24/2015	1110	-4.49	-3.62	0.0	0	5.8	16.5	0.4	3.2	0.0	3.2	
VMP-3-39	12/17/2015	1230	-0.74	-0.52	0.0	0	5.4	16.9	0.4	3.9	0.0	3.9	
VMP-3-39	1/21/2016	1415	-1.82	-2.42	0.0	0	5.0	17.1	0.1	0.5	0.0	0.5	
VMP-3-39-Dup	1/21/2016	1415	NM	NM	0.0	0	5.2	16.9	0.1	1.5	0.0	1.5	Duplicate sample.
VMP-3-39	2/18/2016	1645	-2.68	-2.68	0.0	0	4.2	17.9	0.3	6.7	6.2	0.5	
VMP-3-39	3/23/2016	1445	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	4/20/2016	1210	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	5/19/2016	1455	0.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	6/22/2016	1335	0.76	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	7/21/2016	1035	0.29	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	8/25/2016	1349	0.16	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	9/22/2016	1338	0.74	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	10/21/2016	1447	0.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	11/17/2016	1139	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-3-39	12/22/2016	1134	-0.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-5	2/1/2012	1708	-0.15	-0.15	0.0	0	1.2	20.1	0.6	2.3	0.0	2.3	
VMP-4-5	2/2/2012	1054	-0.17	-0.14	0.0	0	0.8	20.9	0.6	1.2	0.0	1.2	
VMP-4-5	2/7/2012	859	-0.15	-0.15	0.0	0	0.4	20.9	0.2	0.0	0.0	0.0	
VMP-4-5	2/10/2012	830	-0.11	-0.15	0.0	0	0.2	20.9	2.0	10.6	5.8	4.8	
VMP-4-5	2/13/2012	910	-0.13	-0.11	0.0	0	0.2	20.9	0.1	0.0	0.0	0.0	
VMP-4-5	2/15/2012	1120	-0.12	-0.12	0.0	0	0.2	20.8	0.4	0.0	0.0	0.0	
VMP-4-5	2/22/2012	1327	-0.05	-0.05	0.0	0	0.4	20.8	1.6	4.0	0.0	4.0	
VMP-4-5	2/29/2012	1031	-0.12	-0.03	0.0	0	0.5	20.5	3.3	9.7	0.8	8.9	
VMP-4-5	3/21/2012	1540	-0.05	-0.12	0.0	0	0.5	20.0	0.1	0.0	0.0	0.0	
VMP-4-5	4/18/2012	1342	-0.06	-0.06	0.0	0	0.4	20.4	0.1	3.1	0.0	3.1	
VMP-4-5	5/16/2012	1133	-0.20	-0.22	0.0	0	2.4	18.0	0.6	0.0	0.0	0.0	
VMP-4-5	6/20/2012	1427	-0.08	NM	0.0	0	2.3	18.3	1.0	5.4	0.0	5.4	
VMP-4-5	7/18/2012	1512	-0.04	-0.02	0.0	0	1.5	18.6	0.5	3.6	0.0	3.6	
VMP-4-5	8/15/2012	1509	-0.27	-0.23	0.0	0	1.6	18.6	0.9	4.8	0.0	4.8	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-4-5	9/19/2012	1113	-0.08	-0.08	0.0	0	0.8	20.1	0.8	7.5	7.1	0.4	
VMP-4-5	10/17/2012	1310	-0.07	-0.06	0.0	0	0.6	20.1	0.6	2.0	0.0	2.0	
VMP-4-5	11/20/2012	1438	-0.06	-0.08	0.0	0	0.4	20.4	0.2	0.8	0.0	0.8	
VMP-4-5	12/19/2012	1030	-0.07	-0.05	0.0	0	0.4	20.4	0.4	0.5	0.0	0.5	
VMP-4-5	1/16/2013	1525	-0.18	-0.08	0.0	0	0.2	20.7	0.1	1.7	0.0	1.7	
VMP-4-5	2/26/2013	1031	-0.08	-0.16	0.0	0	0.3	20.5	0.1	0.8	0.0	0.8	
VMP-4-5	3/21/2013	930	-0.15	-0.18	0.0	0	0.2	20.8	0.1	1.7	0.0	1.7	
VMP-4-5	4/24/2013	1410	-0.23	-0.18	0.0	0	0.5	20.5	0.5	1.1	0.0	1.1	
VMP-4-5	5/23/2013	1009	-0.24	-0.25	0.0	0	1.1	19.5	0.4	2.4	0.0	2.4	
VMP-4-5	6/25/2013	1605	0.11	-0.11	0.0	0	2.3	18.7	0.7	1.2	0.0	1.2	
VMP-4-5	7/25/2013	1050	-0.22	-0.34	0.0	0	1.8	18.8	0.8	2.5	0.0	2.5	
VMP-4-5	8/28/2013	1319	-0.21	-0.15	0.0	0	1.6	18.9	0.6	2.2	0.0	2.2	
VMP-4-5	9/26/2013	1419	-0.25	-0.19	0.0	0	0.7	20.4	0.7	2.2	0.0	2.2	
VMP-4-5	10/24/2013	1120	-0.21	-0.24	0.0	0	0.3	20.3	0.1	2.1	0.0	2.1	
VMP-4-5	11/20/2013	1325	-0.23	-0.24	0.0	0	0.2	20.9	0.4	1.5	0.0	1.5	
VMP-4-5	12/19/2013	1419	-0.26	-0.30	0.0	0	0.2	20.6	0.2	1.8	0.0	1.8	
VMP-4-5	1/30/2014	1604	-0.22	-0.20	0.0	0	0.1	20.9	1.6	5.49	2.6	2.94	
VMP-4-5	2/25/2014	1403	-0.13	-0.06	0.0	0	0.1	20.9	1.2	3.69	0.0	3.69	
VMP-4-5	3/20/2014	1448	-0.18	-0.16	0.0	0	0.2	20.6	1.6	2.97	0.0	2.97	
VMP-4-5	4/24/2014	0938	-0.27	-0.32	0.0	0	0.4	20.5	1.0	2.49	0.0	2.49	
VMP-4-5	5/22/2014	1405	-0.37	-0.56	0.0	0	0.8	20.2	1.1	1.59	0.0	1.59	
VMP-4-5	6/18/2014	1109	-0.51	-0.17	0.0	0	1.3	19.6	0.8	1.16	0.0	1.16	
VMP-4-5	7/24/2014	1448	-0.25	-0.22	0.0	0	1.2	20.0	1.9	1.25	0.0	1.25	
VMP-4-5	8/20/2014	1420	-0.35	-0.39	0.0	0	0.8	20.1	1.1	2.16	0.0	2.16	
VMP-4-5	9/18/2014	0939	-0.25	-0.19	0.0	0	0.4	20.3	2.2	0.26	0.0	0.26	
VMP-4-5	10/22/2014	0950	-0.37	-0.44	0.0	0	0.3	20.6	1.7	0.77	0.0	0.77	
VMP-4-5	11/19/2014	1508	-0.05	-0.68	0.0	0	0.1	20.8	1.0	1.34	0.0	1.34	
VMP-4-5	12/18/2014	1352	-0.95	-0.99	0.0	0	0.1	20.9	1.0	1.52	0.0	1.52	
VMP-4-5-Dup	12/18/2014	0000	NM	NM	0.0	0	0.1	20.9	1.2	1.95	0.0	1.95	Duplicate sample.
VMP-4-5	1/29/2015	1115	-1.03	-0.99	0.0	0	0.1	20.9	0.9	1.3	0.0	1.3	
VMP-4-5	2/27/2015	1332	-1.03	-1.11	0.0	0	0.1	20.6	0.4	1.1	0.0	1.1	
VMP-4-5	3/26/2015	1506	-1.26	-1.32	0.0	0	0.1	20.9	0.9	1.1	0.0	1.1	
VMP-4-5	4/23/2015	1421	-0.98	-1.07	0.0	0	0.2	20.8	1.5	3.2	0.0	3.2	
VMP-4-5	5/21/2015	1335	-1.08	-1.39	0.0	0	0.3	20.6	0.4	1.2	0.0	1.2	
VMP-4-5	6/18/2015	1015	-1.12	-1.20	0.0	0	0.4	20.7	0.7	1.7	0.0	1.7	
VMP-4-5	7/23/2015	1029	-1.08	-1.05	0.0	0	0.5	20.6	0.4	0.0	0.0	0.0	
VMP-4-5	8/20/2015	1420	-0.97	-0.98	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-4-5	9/17/2015	1325	-0.62	-0.85	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-4-5	10/22/2015	1145	-0.78	-0.75	0.0	0	0.1	20.8	0.5	0.9	0.0	0.9	
VMP-4-5	11/24/2015	0943	-0.77	-0.65	0.0	0	0.0	20.9	0.1	0	0.0	0.0	
VMP-4-5	12/18/2015	1030	0.00	0.00	0.0	0	0.0	20.9	0.1	0	0.0	0.0	
VMP-4-5	1/22/2016	1308	-0.57	-0.57	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	2/18/2016	1505	-1.10	-1.12	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-4-5	3/14/2016	1033	-0.44	NM	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-4-5	3/23/2016	1410	-0.53	-0.55	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-4-5	3/28/2016	1505	-0.65	NM	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-4-5	4/20/2016	1535	-0.02	-0.02	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-4-5	5/18/2016	1545	-1.18	-1.16	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-4-5	6/22/2016	1310	-0.43	-0.52	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	
VMP-4-5	7/21/2016	1249	-0.40	-0.59	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-4-5	8/25/2016	1255	-0.60	-0.48	0.0	0	0.5	20.4	0.1	0.0	0.0	0.0	
VMP-4-5	9/22/2016	1105	-0.22	-0.26	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	10/21/2016	1211	-0.42	-0.38	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-5	11/17/2016	0949	-0.21	-0.17	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-4-5	12/5/2016	0946	0.00	NM	0.0	0	0.4	20.4	0.0	2.8	2.8	0.0	
VMP-4-5	12/22/2016	1425	0.49	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at -0.30 inwc on 12/28/2016.
VMP-4-12	2/1/2012	1713	-0.23	-0.25	0.0	0	3.6	14.6	1.1	3.8	0.0	3.8	
VMP-4-12	2/2/2012	1102	-0.27	-0.23	0.0	0	2.5	16.5	0.9	2.3	0.0	2.3	
VMP-4-12	2/7/2012	904	-0.23	-0.25	0.0	0	1.2	18.2	0.2	1.6	0.0	1.6	
VMP-4-12	2/10/2012	831	-0.18	-0.24	0.0	0	1.4	17.6	2.0	10.6	6.7	3.8	
VMP-4-12	2/13/2012	911	-0.23	-0.16	0.0	0	1.3	18.4	0.2	0.0	0.0	0.0	
VMP-4-12	2/15/2012	1121	-0.18	-0.20	0.0	0	1.4	18.3	0.6	1.3	0.0	1.3	
VMP-4-12	2/22/2012	1325	-0.09	-0.09	0.0	0	2.1	17.6	2.4	7.3	2.1	5.2	
VMP-4-12	2/29/2012	1032	-0.08	-0.05	0.0	0	2.0	18.0	3.8	20.2	9.5	10.8	
VMP-4-12	3/21/2012	1540	-0.09	-0.16	0.0	0	2.7	15.9	0.5	0.0	0.0	0.0	
VMP-4-12	4/18/2012	1343	-0.09	-0.10	0.0	0	1.5	19.0	0.5	6.0	0.0	6.0	
VMP-4-12	5/16/2012	1138	-0.30	-0.30	0.0	0	2.8	17.7	0.8	0.0	0.0	0.0	
VMP-4-12	6/20/2012	1428	-0.15	NM	0.0	0	3.0	17.6	1.0	1.9	0.0	1.9	
VMP-4-12	7/18/2012	1517	-0.09	-0.08	0.0	0	2.5	17.5	0.7	3.1	0.0	3.1	
VMP-4-12	8/15/2012	1509	-0.07	-0.10	0.0	0	2.9	17.9	1.3	3.4	0.0	3.4	
VMP-4-12	9/19/2012	1114	-0.21	-0.19	0.0	0	1.7	19.2	0.8	4.0	0.0	4.0	
VMP-4-12	10/17/2012	1311	-0.22	-0.17	0.0	0	1.0	19.7	1.0	1.6	0.0	1.6	
VMP-4-12	11/20/2012	1426	-0.25	-0.24	0.0	0	0.7	20.1	0.6	1.4	0.0	1.4	
VMP-4-12	12/19/2012	1035	-0.14	-0.10	0.0	0	0.8	20.0	0.3	0.5	0.0	0.5	
VMP-4-12	1/16/2013	1530	-0.10	-0.19	0.0	0	0.6	20.3	0.2	2.2	0.0	2.2	
VMP-4-12	2/26/2013	1036	-0.14	-0.01	0.0	0	0.8	19.9	0.3	2.9	0.0	2.9	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-4-12	3/21/2013	936	-0.40	0.00	0.0	0	0.3	20.7	0.2	1.2	0.0	1.2	
VMP-4-12	4/24/2013	1415	-0.39	-0.34	0.0	0	0.6	20.4	0.7	1.5	0.0	1.5	
VMP-4-12	5/23/2013	943	-0.46	-0.44	0.0	0	1.2	19.5	0.3	1.5	0.0	1.5	
VMP-4-12	6/25/2013	1606	-0.16	-0.18	0.0	0	2.2	18.5	0.7	1.9	0.0	1.9	
VMP-4-12	7/25/2013	1055	-0.29	-1.24	0.0	0	2.3	18.5	0.8	2.2	0.0	2.2	
VMP-4-12	8/28/2013	1321	-0.54	-0.51	0.0	0	1.8	18.8	0.7	3.0	0.0	3.0	
VMP-4-12	9/26/2013	1421	-0.36	-0.35	0.0	0	1.1	20.1	0.7	1.9	0.0	1.9	
VMP-4-12	10/24/2013	1124	-0.36	-0.39	0.0	0	0.5	20.2	0.1	1.8	0.0	1.8	
VMP-4-12	11/20/2013	1331	-0.66	-0.44	0.0	0	0.2	20.7	0.5	1.9	0.0	1.9	
VMP-4-12	12/19/2013	1423	-0.42	-0.48	0.0	0	0.4	20.5	0.3	1.1	0.0	1.1	
VMP-4-12	1/30/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Pullback during purge. Could not sample.
VMP-4-12	2/25/2014	1408	-0.23	-0.14	0.0	0	0.3	20.9	0.8	3.31	0.0	3.31	
VMP-4-12	3/20/2014	1449	-0.31	-0.31	0.0	0	0.2	20.6	1.4	2.57	0.0	2.57	
VMP-4-12	4/24/2014	0939	-0.47	-0.52	0.0	0	0.4	20.5	0.9	2.34	0.0	2.34	
VMP-4-12	5/22/2014	1405	-0.59	-0.58	0.0	0	0.7	20.4	1.3	1.47	0.0	1.47	
VMP-4-12	6/18/2014	1109	-0.54	-0.49	0.0	0	1.3	19.6	0.8	1.24	0.0	1.24	
VMP-4-12	7/24/2014	1453	-0.44	-0.41	0.0	0	1.3	19.9	1.5	1.52	0.0	1.52	
VMP-4-12	8/20/2014	1425	-0.63	-0.88	0.0	0	0.4	20.4	0.8	2.09	0.0	2.09	
VMP-4-12	9/18/2014	0940	-0.47	-0.33	0.0	0	0.6	20.2	1.4	1.36	0.0	1.36	
VMP-4-12-Dup	9/18/2014	0943	NM	NM	0.0	0	0.6	20.2	2.0	1.65	0.0	1.65	Duplicate Sample.
VMP-4-12	10/22/2014	0951	-0.81	-0.79	0.0	0	0.3	20.6	1.6	0.79	0.0	0.79	
VMP-4-12	11/19/2014	1509	-0.29	-1.51	0.0	0	0.1	20.8	1.2	1.2	0.0	1.2	
VMP-4-12	12/18/2014	1401	-1.79	-1.86	0.0	0	0.1	20.9	1.1	1.51	0.0	1.51	
VMP-4-12	1/29/2015	1122	-1.97	-1.90	0.0	0	0.1	20.9	0.5	1.2	0.0	1.2	
VMP-4-12	2/27/2015	1332	-1.71	-1.83	0.0	0	0.1	20.7	0.4	1.2	0.0	1.2	
VMP-4-12	3/26/2015	1506	-2.13	-2.20	0.0	0	0.1	20.9	0.9	0.8	0.0	0.8	
VMP-4-12	4/23/2015	1426	-1.78	-1.90	0.0	0	0.2	20.8	1.2	2.3	0.0	2.3	
VMP-4-12	5/21/2015	1340	-1.95	-5.78	0.0	0	0.3	20.6	0.4	2.5	0.0	2.5	
VMP-4-12	6/18/2015	1019	-2.01	-2.16	0.0	0	0.4	20.7	0.5	2.4	0.0	2.4	
VMP-4-12	7/23/2015	1033	-1.98	-1.91	0.0	0	0.5	20.6	0.5	0.0	0.0	0.0	
VMP-4-12	8/20/2015	1425	-2.03	-1.87	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-4-12	9/17/2015	1330	-1.84	-1.27	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-4-12	10/22/2015	1150	-1.22	-1.20	0.0	0	0.2	20.6	0.5	0.7	0.0	0.7	
VMP-4-12	11/24/2015	0948	-1.83	-1.81	0.0	0	0.0	20.9	0.1	0	0.0	0.0	
VMP-4-12	12/18/2015	1035	-0.27	0.00	0.0	0	0.0	20.7	0.0	0	0.0	0.0	
VMP-4-12	1/22/2016	1313	-0.88	1.17	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-4-12	2/18/2016	1510	-1.67	-1.60	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-4-12	3/23/2016	1415	-0.56	-0.52	0.0	0	0.2	20.4	0.2	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-4-12	4/20/2016	1540	-0.04	-0.05	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-4-12	5/18/2016	1550	-0.48	-1.17	0.0	0	0.9	20.3	0.3	0.0	0.0	0.0	
VMP-4-12	6/22/2016	1315	-0.47	-0.51	0.0	0	1.5	19.6	0.2	0.0	0.0	0.0	
VMP-4-12	7/21/2016	1250	-0.43	-0.59	0.0	0	1.7	19.3	0.8	0.0	0.0	0.0	
VMP-4-12	8/25/2016	1256	-0.60	-0.61	0.0	0	1.6	19.3	0.3	0.0	0.0	0.0	
VMP-4-12	9/22/2016	1106	-0.21	-0.20	0.0	0	1.7	19.3	0.0	0.0	0.0	0.0	
VMP-4-12	10/21/2016	1214	-0.43	-0.40	0.0	0	1.5	19.7	0.3	0.0	0.0	0.0	
VMP-4-12	11/17/2016	0950	-0.17	-0.14	0.0	0	1.0	20.0	0.5	0.0	0.0	0.0	
VMP-4-12	12/5/2016	0947	0.00	NM	0.0	0	1.3	19.8	0.1	7.0	6.7	0.3	
VMP-4-12	12/22/2016	1430	0.39	0.00	0.0	0	0.6	20.5	0.2	0.0	0.0	0.0	Initial vacuum measured at -0.33 inwc on 12/28/2016.
VMP-4-23.5	2/1/2012	1717	-0.38	-0.42	OVR	OVR	9.0	0.9	272	300000	79000	221000	
VMP-4-23.5	2/2/2012	1107	-0.85	-0.67	OVR	OVR	8.7	3.0	259	1000000	141000	859000	
VMP-4-23.5	2/7/2012	909	-0.80	-0.74	OVR	OVR	8.3	3.5	223	300000	79000	221000	
VMP-4-23.5	2/10/2012	832	-0.98	-4.14	OVR	OVR	9.6	1.3	275	136000	82000	54000	
VMP-4-23.5	2/13/2012	912	-1.03	-0.85	OVR	OVR	10.0	2.0	298	71500	34720	36780	
VMP-4-23.5	2/15/2012	1122	-1.24	-1.01	OVR	OVR	10.1	2.1	359	93400	28000	65400	
VMP-4-23.5	2/22/2012	1328	-0.99	-0.58	OVR	OVR	10.6	2.3	431	80900	21510	59390	
VMP-4-23.5	2/29/2012	1033	-0.69	-0.57	OVR	OVR	11.1	1.8	527	71280	14130	57150	
VMP-4-23.5	3/21/2012	1540	-0.36	-0.46	OVR	OVR	10.5	2.4	442	86300	16900	69400	
VMP-4-23.5	4/18/2012	1344	-0.68	-0.60	OVR	OVR	10.0	1.0	557	61300	14300	47000	
VMP-4-23.5	5/16/2012	1142	-1.42	-1.38	OVR	OVR	10.0	3.9	660	31000	9000	22000	
VMP-4-23.5	6/20/2012	1429	-0.80	NM	OVR	OVR	12.0	0.7	916	25900	9500	16400	
VMP-4-23.5	7/18/2012	1515	-0.93	-0.92	OVR	OVR	11.2	2.4	554	29300	4250	25050	
VMP-4-23.5	8/15/2012	1510	-0.93	-0.99	OVR	OVR	12.5	2.5	412	18100	6000	12100	
VMP-4-23.5	9/19/2012	1115	-1.92	-1.82	OVR	OVR	10.7	9.7	680	18100	4100	14000	
VMP-4-23.5	10/17/2012	1314	-1.60	-1.51	60.5	OVR	8.6	12.4	469	6660	2890	3770	
VMP-4-23.5	11/20/2012	1430	-1.32	-1.42	3.7	74	5.8	14.1	330	3300	940	2360	
VMP-4-23.5	12/19/2012	1040	-1.37	-0.90	0.8	16	5.8	14.1	120	2500	690	1810	
VMP-4-23.5	1/16/2013	1535	-0.68	-1.40	1.3	26	5.9	13.9	155	2150	730	1420	
VMP-4-23.5	2/26/2013	1041	-0.88	-0.98	3.3	66	8.1	11.6	180	3400	650	2750	
VMP-4-23.5	3/21/2013	944	-2.02	-2.03	1.7	36	4.0	16.2	152	1050	210	840	
VMP-4-23.5	4/24/2013	1420	-2.19	-1.10	1.0	21	3.3	17.0	142	790	42.3	748	
VMP-4-23.5	5/23/2013	944	-2.64	-2.54	28.5	OVR	5.4	15.8	704	5690	2320	3370	
VMP-4-23.5	6/25/2013	1607	-1.26	-1.18	14.2	OVR	5.2	16.0	511	3820	1260	2560	
VMP-4-23.5	7/25/2013	1100	-1.96	-1.86	6.8	OVR	4.8	16.0	382	2000	610	1390	
VMP-4-23.5	8/28/2013	1323	-2.33	-2.34	4.5	90	4.9	16.5	363	4900	1520	3380	
VMP-4-23.5	9/26/2013	1422	-3.36	-3.33	2.7	54	4.2	17.2	405	3300	1640	1660	
VMP-4-23.5	10/24/2013	1128	-3.60	-3.60	2.2	46	3.1	18.3	275	3720	2090	1630	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-4-23.5	11/20/2013	1337	-3.85	-3.95	1.1	22	2.2	19.2	180	2145	1430	715	
VMP-4-23.5	12/19/2013	1427	-2.45	-2.60	3.2	66	3.7	17.5	177	9400	6962	2438	Resampled due to elevated readings.
VMP-4-23.5	12/20/2013	1406	-2.45	NM	3.6	73	4.3	17.1	260	9600	7088	2512	Resample.
VMP-4-23.5	1/30/2014	1605	-2.74	-2.78	3.0	60	4.2	16.9	210	7100	4130.0	2970	
VMP-4-23.5	2/25/2014	1413	-1.66	-0.27	1.7	35	4.0	17.9	273	2950	1012.0	1938	
VMP-4-23.5	3/20/2014	1450	-2.04	-2.04	1.0	20	2.4	19.1	164	1670	520.0	1150	
VMP-4-23.5	4/24/2014	0939	-3.54	-3.49	0.8	16	1.7	19.0	135	1198	140.0	1058	
VMP-4-23.5	5/22/2014	1405	-4.11	-4.11	1.8	37	1.6	19.4	164	2518	455.0	2063	
VMP-4-23.5	6/18/2014	1109	-3.91	-3.68	2.2	44	1.8	19.3	313	2780	483.0	2297	
VMP-4-23.5	7/24/2014	1458	-3.92	-3.95	0.5	12	1.7	19.3	146	951	59.9	891.14	
VMP-4-23.5	8/20/2014	1430	-4.35	0.37	0.0	0	2.2	18.9	21.0	112	32.1	79.9	
VMP-4-23.5	9/18/2014	0941	-3.69	-3.53	0.0	0	4.2	18.1	19.0	130	46.5	83.5	
VMP-4-23.5	10/22/2014	0951	-5.61	-5.49	0.1	3	2.0	19.0	28.9	203	56.4	146.6	
VMP-4-23.5	11/19/2014	1509	-1.46	-4.31	3.8	76	2.9	18.4	570	3590	26.5	3563.5	
VMP-4-23.5	12/18/2014	1405	-4.75	-7.86	2.4	48	2.8	19.0	425	2420	37.0	2383	
VMP-4-23.5	1/29/2015	1127	-5.80	-5.56	1.3	27	1.9	19.3	346	1360	12.8	1347	
VMP-4-23.5	2/27/2015	1332	-4.54	-4.74	0.7	14	1.5	19.6	167	862	34.3	828	
VMP-4-23.5	3/27/2015	1506	-5.30	-5.48	2.6	53	2.5	18.7	434	2530	73.4	2457	
VMP-4-23.5	4/23/2015	1431	-5.00	-5.14	1.6	32	2.2	18.5	346	2028	40.5	1988	
VMP-4-23.5	5/21/2015	1345	-6.01	-6.01	0.6	12	1.2	19.4	156	958	18.6	939	
VMP-4-23.5	6/18/2015	1023	-5.94	-6.14	0.7	14	1.3	19.8	146	888	9.1	879	
VMP-4-23.5-Dup	6/18/2015	1023	NM	NM	1.2	25	1.7	19.3	201	1497	12.1	1485	Duplicate sample.
VMP-4-23.5	7/23/2015	1037	-6.39	-6.33	1.7	35	2.7	18.2	282	2074	17.1	2057	
VMP-4-23.5	8/20/2015	1430	-6.54	-6.50	1.0	21	1.9	19.1	207	1209	6.3	1203	
VMP-4-23.5	9/17/2015	1335	-6.89	-6.86	0.7	14	1.6	19.5	141	934	5.2	929	
VMP-4-23.5	10/22/2015	1155	-6.45	-6.93	1.5	30	2.3	18.7	311	1800	10.7	1789	
VMP-4-23.5	11/24/2015	0937	-8.90	-7.98	2.2	44	2.1	19.1	356	2174	20.8	2153	
VMP-4-23.5	12/18/2015	1040	-0.86	-0.62	1.1	22	2.3	19.2	252	1441	10.1	1431	
VMP-4-23.5	1/22/2016	1318	-1.84	-2.53	0.0	0	2.0	19.2	20.7	103	30.3	72.7	
VMP-4-23.5	2/18/2016	1515	-7.07	-7.18	0.8	16	1.8	19.5	211	1009	13.4	996	
VMP-4-23.5	3/23/2016	1420	-7.75	-7.70	0.2	4	0.6	20.0	39.8	288	2.8	285	
VMP-4-23.5	4/20/2016	1545	0.06	0.09	0.3	6	1.7	18.9	48.1	623	232	391	
VMP-4-23.5	5/18/2016	1555	-10.22	-10.26	0.3	7	0.7	20.4	65.8	404	4.2	400	
VMP-4-23.5	6/22/2016	1320	-5.62	-5.55	0.1	2	1.0	19.6	6.2	406	318	88.0	
VMP-4-23.5	7/21/2016	1251	-0.66	-4.22	0.2	5	2.0	18.7	39.3	518	225	293	
VMP-4-23.5	8/25/2016	1257	-0.28	-7.05	0.3	7	1.6	19.0	77.7	431	12.0	419	
VMP-4-23.5	9/22/2016	1107	-3.64	-3.62	0.1	3	1.4	19.5	34.7	202	15.5	187	
VMP-4-23.5-Dup	9/22/2016	1107	NM	NM	0.3	7	2.0	18.8	85.7	412	21.9	390	Duplicate sample.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-4-23.5	10/21/2016	1217	-5.79	-5.45	0.1	2	1.6	19.3	30.1	166	13.1	153	
VMP-4-23.5	11/17/2016	0951	-3.07	-2.90	0.5	10	2.5	18.3	96.5	537	59.5	478	
VMP-4-23.5	12/5/2016	0948	0.00	NM	0.0	0	2.7	18.1	1.6	101	91.7	9.3	
VMP-4-23.5	12/22/2016	1433	6.27	0.00	0.0	1	1.4	19.5	4.2	312	261	51.0	Initial vacuum measured at -5.56 inwc on 12/28/2016.
VMP-4-39	2/1/2012	1723	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	2/2/2012	1112	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	2/7/2012	857	-1.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	2/10/2012	833	-0.99	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	2/13/2012	913	-2.37	-0.83	OVR	OVR	9.3	3.2	281	116000	39100	76900	
VMP-4-39	2/15/2012	1123	-1.23	-0.99	OVR	OVR	9.8	2.4	299	126000	37400	88600	
VMP-4-39	2/22/2012	1328	-0.59	-0.57	OVR	OVR	9.4	4.4	348	83900	32600	51300	
VMP-4-39	2/29/2012	1034	-0.74	-0.56	OVR	OVR	10.8	1.5	452	129000	24280	104720	
VMP-4-39	3/21/2012	1540	-0.36	-0.37	OVR	OVR	11.0	1.0	396	162000	32600	129400	
VMP-4-39	4/18/2012	1345	-0.69	-0.59	OVR	OVR	10.1	1.1	475	136000	28000	108000	
VMP-4-39	5/16/2012	1154	-1.42	-1.35	OVR	OVR	9.2	3.2	610	58200	13500	44700	
VMP-4-39	6/20/2012	1430	-0.80	NM	OVR	OVR	8.8	5.3	724	21000	10300	10700	
VMP-4-39	7/18/2012	1519	-0.94	-0.89	OVR	OVR	12.1	1.4	422	54000	12200	41800	
VMP-4-39	8/15/2012	1510	-0.89	-0.97	OVR	OVR	12.0	2.2	260	71200	18500	52700	
VMP-4-39	9/19/2012	1116	-1.94	-1.78	OVR	OVR	10.2	9.0	359	82300	16000	66300	
VMP-4-39	10/17/2012	1315	-1.56	-1.50	OVR	OVR	7.1	13.6	300	66700	25100	41600	
VMP-4-39	11/20/2012	1434	-1.31	-1.41	OVR	OVR	7.0	13.4	416	59800	14300	45500	
VMP-4-39	12/19/2012	1045	-1.37	-0.90	OVR	OVR	8.9	11.1	660	50000	12600	37400	
VMP-4-39	1/16/2013	1540	-0.75	-1.09	OVR	OVR	8.9	11.5	565	45700	14300	31400	
VMP-4-39	2/26/2013	1043	-0.91	-0.97	OVR	OVR	8.9	11.8	590	46300	11200	35100	
VMP-4-39	3/20/2013	952	-2.09	-2.19	OVR	OVR	7.0	15.1	660	26100	5500	20600	
VMP-4-39	4/24/2013	1425	-2.30	-2.04	78.0	OVR	4.7	17.2	820	15200	4300	10900	
VMP-4-39	5/23/2013	945	-2.54	-2.51	78.7	OVR	4.6	16.6	920	10640	4400	6240	
VMP-4-39	6/25/2013	1608	-1.13	-1.16	36.3	OVR	4.0	17.0	566	9730	4420	5310	
VMP-4-39	7/25/2013	1105	-1.92	1.79	5.6	OVR	3.7	16.9	424	2800	1700	1100	
VMP-4-39	8/28/2013	1326	-20.04	-2.30	5.0	OVR	4.0	17.0	525	6500	3600	2900	Anomalous initial vacuum reading double-checked and verified; no water observed during sampling.
VMP-4-39	9/26/2013	1423	-3.11	-3.27	4.2	84	4.0	18.2	290	6430	3800	2630	
VMP-4-39	10/24/2013	1132	-3.56	-3.56	16.0	OVR	3.0	18.2	268	17700	11900	5800	
VMP-4-39	11/20/2013	1343	-3.79	-3.88	10.1	OVR	2.2	18.9	270	15400	9660	5740	
VMP-4-39	12/19/2013	1431	-2.40	-2.15	25.5	OVR	3.4	17.4	280	33200	13300	19900	Resampled due to elevated readings.
VMP-4-39	12/20/2013	1410	-2.40	NM	31.6	OVR	4.1	16.8	456	34000	12658	21342	Resample
VMP-4-39	1/30/2014	1605	-2.84	-2.75	49.9	OVR	3.9	16.4	360	20400	8600.0	11800	
VMP-4-39	2/25/2014	1418	-1.71	-0.27	23.6	OVR	3.7	17.9	425	23900	8880.0	15020	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-4-39	3/20/2014	1451	-2.03	-2.01	8.7	OVR	2.6	19.4	595	6650	3340.0	3310	
VMP-4-39	4/24/2014	0939	-3.52	-3.47	55.9	OVR	2.5	18.2	629	44700	12900.0	31800	
VMP-4-39	5/22/2014	1406	-4.08	-4.08	12.3	OVR	1.8	19.2	609	12500	2048.0	10452	
VMP-4-39	6/18/2014	1109	-3.86	-3.65	4.5	91	1.9	19.3	645	7760	2420.0	5340	
VMP-4-39	7/24/2014	1503	-3.83	-4.00	0.9	18	1.7	19.3	195	3539	2354.0	1185	
VMP-4-39	8/20/2014	1435	-4.40	-3.00	0.8	16	1.6	19.5	78.9	2980	2080.0	900	
VMP-4-39	9/18/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-4-39	10/22/2014	0953	0.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-4-39	11/19/2014	1510	-1.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-4-39	12/18/2014	1409	-5.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-4-39	1/29/2015	1130	NM	NM	NM	NM	NM	NM	NM	MN	NM	NM	Screen submerged.
VMP-4-39	2/27/2015	1332	0.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	3/26/2015	1507	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	4/23/2015	1436	-0.63	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	5/21/2015	1350	-0.57	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	6/18/2015	1027	-0.21	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	7/23/2015	1041	1.93	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	8/20/2015	1435	-0.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	9/17/2015	1340	-0.32	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	10/22/2015	1200	-0.11	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	11/24/2015	0938	-0.13	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	12/18/2015	1045	-0.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	1/22/2016	1323	-0.71	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	2/18/2016	1520	0.86	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	3/28/2016	1520	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	4/20/2016	1550	0.22	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	5/18/2016	1600	-0.18	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	6/22/2016	1325	1.61	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	7/21/2016	1252	2.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	8/25/2016	1258	-0.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	9/22/2016	1108	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	10/21/2016	1219	-0.39	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	11/17/2016	0952	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-4-39	12/22/2016	1435	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-5	2/2/2012	1323	-0.08	0.18	0.0	0	2.8	19.0	0.4	0.3	0.0	0.3	
VMP-5-5	2/3/2012	825	-0.16	0.26	0.0	0	2.1	19.5	0.6	1.7	0.0	1.7	
VMP-5-5	2/7/2012	812	-0.13	-0.06	0.0	0	1.4	20.5	0.4	0.0	0.0	0.0	
VMP-5-5	2/13/2012	1504	-0.16	0.37	0.0	0	1.1	20.4	0.7	5.2	2.1	3.1	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-5-5	2/14/2012	1553	0.00	0.31	0.0	0	1.3	20.6	4.3	11.7	0.0	11.7	
VMP-5-5	2/15/2012	1240	-0.08	-0.06	0.0	0	1.0	20.6	2.2	9.3	5.4	3.9	
VMP-5-5	2/22/2012	838	-0.01	-0.06	0.0	0	0.7	20.5	0.3	2.2	0.0	2.2	
VMP-5-5	2/29/2012	817	-0.07	-0.05	0.0	0	0.7	20.9	0.4	2.9	0.0	2.9	
VMP-5-5	3/21/2012	849	-0.08	-0.06	0.0	0	0.6	20.5	0.1	0.0	0.0	0.0	
VMP-5-5	4/18/2012	859	-0.11	-0.09	0.0	0	0.3	20.8	2.6	3.5	0.0	3.5	
VMP-5-5	5/16/2012	1151	-0.11	-0.09	0.0	0	0.3	20.6	0.8	0.0	0.0	0.0	
VMP-5-5	6/20/2012	1258	-0.06	-0.05	0.0	0	0.4	20.7	1.1	3.8	0.0	3.8	
VMP-5-5	7/18/2012	1039	-0.07	-0.05	0.0	0	0.4	20.6	0.3	1.7	0.0	1.7	
VMP-5-5	8/15/2012	1000	-0.06	-0.05	0.0	0	0.4	20.5	0.8	4.3	0.0	4.3	
VMP-5-5	9/19/2012	1324	-0.05	-0.05	0.0	0	0.1	20.8	0.7	1.5	0.0	1.5	
VMP-5-5	10/17/2012	1335	-0.05	-0.03	0.0	0	0.2	20.7	0.6	1.6	0.0	1.6	
VMP-5-5	11/20/2012	944	-0.04	-0.02	0.0	0	0.2	20.8	0.1	0.4	0.0	0.4	
VMP-5-5	12/19/2012	919	-0.05	-0.08	0.0	0	0.2	20.7	0.1	0.3	0.0	0.3	
VMP-5-5	1/16/2013	906	-0.06	-0.04	0.0	0	0.1	20.8	0.4	3.5	0.0	3.5	
VMP-5-5	2/25/2013	1030	-0.05	-0.03	0.0	0	0.1	20.8	1.5	3.0	0.0	3.0	
VMP-5-5	3/21/2013	1100	-0.07	-0.11	0.0	0	0.1	20.8	1.8	2.9	0.0	2.9	
VMP-5-5	4/24/2013	1358	-0.11	-0.15	0.0	0	0.1	20.8	0.5	0.4	0.0	0.4	
VMP-5-5	5/23/2013	1325	-0.19	-0.19	0.0	0	0.2	20.9	0.3	0.9	0.0	0.9	
VMP-5-5	6/25/2013	1345	-0.10	-0.05	0.0	0	0.4	20.4	0.6	1.6	0.0	1.6	
VMP-5-5	7/25/2013	1333	-0.12	-0.24	0.0	0	0.5	20.4	0.6	1.0	0.0	1.0	
VMP-5-5	8/28/2013	1421	-0.12	-0.11	0.0	0	0.4	20.4	0.7	1.7	0.0	1.7	
VMP-5-5	9/26/2013	1351	-0.14	-0.19	0.0	0	0.3	20.8	0.6	1.8	0.0	1.8	
VMP-5-5	10/24/2013	0848	-0.17	-0.05	0.0	0	0.2	20.5	0.1	1.4	0.0	1.4	
VMP-5-5	11/20/2013	1400	-0.57	-0.19	0.0	0	0.1	20.9	0.4	1.9	0.0	1.9	
VMP-5-5	12/19/2013	1008	-0.20	-0.14	0.0	0	0.1	20.9	0.4	1.5	0.0	1.5	
VMP-5-5	1/30/2014	1449	-0.11	-0.12	0.0	0	0.1	20.9	0.2	1.85	0.0	1.85	
VMP-5-5	2/19/2014	1342	-0.14	-0.17	0.0	0	0.1	20.8	1.0	1.45	0.0	1.45	
VMP-5-5	3/19/2014	1533	-0.12	-0.11	0.0	0	0.1	20.9	51.7	63.5	4.8	58.75	
VMP-5-5	4/24/2014	1054	-0.10	-0.08	0.0	0	0.2	20.8	0.8	1.27	0.0	1.27	
VMP-5-5	5/22/2014	1341	-0.11	-0.13	0.0	0	0.3	20.4	1.0	0.93	0.0	0.93	
VMP-5-5	6/19/2014	1334	-0.12	-0.09	0.0	0	0.4	20.6	1.6	1.54	0.0	1.54	
VMP-5-5	7/24/2014	1447	-0.10	-0.12	0.0	0	0.5	20.8	2.3	1.72	0.0	1.72	
VMP-5-5	8/20/2014	1520	-0.16	-0.19	0.0	0	0.4	20.7	1.9	2.95	0.0	2.95	
VMP-5-5	9/18/2014	1335	-0.50	0.00	0.0	0	0.1	20.8	0.8	0.27	0.0	0.27	
VMP-5-5	10/22/2014	0824	-0.33	-0.20	0.0	0	0.2	20.7	0.9	0.34	0.0	0.34	
VMP-5-5	11/20/2014	1510	-0.05	0.00	0.0	0	0.1	20.7	0.5	0.82	0.0	0.82	
VMP-5-5	12/18/2014	0825	-0.09	-0.16	0.0	0	0.2	20.9	0.8	1.19	0.0	1.19	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-5-5	1/29/2015	1452	-0.14	-0.14	0.0	0	0.1	20.9	0.8	1.2	0.0	1.2	
VMP-5-5	2/26/2015	1135	-0.12	-0.13	0.0	0	0.2	20.8	0.8	0.4	0.0	0.4	
VMP-5-5	3/26/2015	1358	-0.13	-0.15	0.0	0	0.2	20.9	0.8	1.3	0.0	1.3	
VMP-5-5	4/23/2015	1507	-0.20	-0.24	0.0	0	0.2	20.9	1.2	1.9	0.0	1.9	
VMP-5-5	5/21/2015	1315	-0.18	-0.17	0.0	0	0.2	20.8	0.4	1.2	0.0	1.2	
VMP-5-5	6/18/2015	0925	-0.23	-0.19	0.0	0	0.3	20.6	0.4	2.2	0.0	2.2	
VMP-5-5	7/23/2015	1051	-0.22	-0.19	0.0	0	0.4	20.7	0.6	0.0	0.0	0.0	
VMP-5-5	8/20/2015	1040	-0.21	-0.21	0.0	0	0.3	20.4	0.4	0.0	0.0	0.0	
VMP-5-5	9/17/2015	1040	-0.12	-0.16	0.0	0	0.2	20.7	0.6	0.0	0.0	0.0	
VMP-5-5	10/22/2015	1300	-0.15	0.00	0.0	0	0.1	20.5	0.3	0	0.0	0.0	
VMP-5-5	11/24/2015	1212	-0.19	-0.17	0.0	0	0.0	20.9	0.2	0	0.0	0.0	
VMP-5-5	12/18/2015	0905	-0.15	0.00	0.0	0	0.0	20.9	0.2	0	0.0	0.0	
VMP-5-5	1/21/2016	1423	-0.46	-0.57	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-5-5	2/18/2016	1410	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-5-5	3/23/2016	0845	-0.19	-0.17	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-5-5	4/21/2016	1425	0.00	-0.10	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-5-5	5/18/2016	1455	-0.11	-0.13	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-5-5	6/22/2016	1030	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-5-5	7/21/2016	1320	0.00	-0.18	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-5-5	8/25/2016	0955	0.00	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-5-5	9/22/2016	0944	0.00	0.0	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-5-5	10/21/2016	1017	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-5-5	11/17/2016	0813	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-5-5	12/22/2016	1341	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at -0.15 inwc on 12/28/2016.
VMP-5-12.5	2/2/2012	1329	-0.07	-0.07	0.0	0	4.2	17.5	0.5	0.0	0.0	0.0	
VMP-5-12.5	2/3/2012	831	-0.21	-0.18	0.0	0	3.6	18.0	0.7	0.2	0.0	0.2	
VMP-5-12.5	2/7/2012	818	-0.13	-0.21	0.0	0	2.5	19.6	0.5	0.0	0.0	0.0	
VMP-5-12.5	2/13/2012	1505	-0.09	-0.07	0.0	0	2.2	19.8	0.4	0.0	0.0	0.0	
VMP-5-12.5	2/14/2012	1554	-0.18	-0.25	0.0	0	2.1	20.2	3.5	8.1	0.0	8.1	
VMP-5-12.5	2/15/2012	1241	-0.15	-0.18	0.0	0	1.4	20.5	1.8	8.3	4.9	3.4	
VMP-5-12.5	2/22/2012	844	-0.08	-0.10	0.0	0	1.1	20.3	0.4	11.4	1.6	9.8	
VMP-5-12.5	2/29/2012	823	-0.14	-0.11	0.0	0	1.1	20.7	0.5	2.9	0.0	2.9	
VMP-5-12.5	3/21/2012	853	-0.14	-0.12	0.0	0	0.8	20.3	0.1	0.0	0.0	0.0	
VMP-5-12.5	4/18/2012	904	-0.20	-0.18	0.0	0	0.5	20.4	0.5	2.6	0.0	2.6	
VMP-5-12.5	5/16/2012	1151	-0.22	-0.19	0.0	0	0.5	20.4	0.4	0.0	0.0	0.0	
VMP-5-12.5	6/20/2012	1259	-0.15	-0.11	0.0	0	0.6	20.5	1.2	2.8	0.0	2.8	
VMP-5-12.5	7/18/2012	1040	-0.17	-0.15	0.0	0	0.6	20.4	0.7	2.0	0.0	2.0	
VMP-5-12.5	8/15/2012	1005	-0.15	-0.15	0.0	0	0.7	20.7	0.6	3.3	0.0	3.3	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-5-12.5	9/19/2012	1325	-0.17	-0.17	0.0	0	0.3	20.5	1.1	1.5	0.0	1.5	
VMP-5-12.5	10/17/2012	1336	-0.19	-0.17	0.0	0	0.2	20.6	0.7	1.4	0.0	1.4	
VMP-5-12.5	11/20/2012	947	-0.17	-0.15	0.0	0	0.3	20.7	0.3	0.7	0.0	0.7	
VMP-5-12.5	12/19/2012	921	-0.12	-0.18	0.0	0	0.1	20.8	0.2	0.3	0.0	0.3	
VMP-5-12.5	1/16/2013	910	-0.14	-0.09	0.0	0	0.2	20.7	0.4	2.7	0.0	2.7	
VMP-5-12.5	2/25/2013	1030	-0.12	-0.08	0.0	0	0.1	20.8	1.1	2.8	0.0	2.8	
VMP-5-12.5	3/21/2013	1105	-0.24	-0.24	0.0	0	0.1	20.8	0.8	1.4	0.0	1.4	
VMP-5-12.5	4/24/2013	1402	-0.31	-0.46	0.0	0	0.1	20.8	0.3	0.2	0.0	0.2	
VMP-5-12.5	5/23/2013	1326	-0.42	-0.43	0.0	0	0.3	20.8	0.3	0.2	0.0	0.2	
VMP-5-12.5	6/25/2013	1350	-0.29	-0.20	0.0	0	0.4	20.4	0.6	1.4	0.0	1.4	
VMP-5-12.5	7/25/2013	1338	-0.43	-0.33	0.0	0	0.5	20.4	0.7	1.0	0.0	1.0	
VMP-5-12.5	8/28/2013	1422	-0.40	-0.32	0.0	0	0.4	20.3	0.7	1.5	0.0	1.5	
VMP-5-12.5	9/26/2013	1352	-0.82	-0.46	0.0	0	0.3	20.8	0.5	1.9	0.0	1.9	
VMP-5-12.5	10/24/2013	0853	-0.49	-0.64	0.0	0	0.2	20.5	0.1	1.1	0.0	1.1	
VMP-5-12.5	11/20/2013	1407	-0.44	-0.44	0.0	0	0.1	20.9	0.3	1.6	0.0	1.6	
VMP-5-12.5	12/19/2013	1012	-0.87	-0.39	0.0	0	0.1	20.9	0.5	1.1	0.0	1.1	
VMP-5-12.5	1/30/2014	1451	-0.17	-0.39	0.0	0	0.1	20.9	0.2	0.98	0.0	0.98	
VMP-5-12.5	2/19/2014	1344	-0.38	-0.43	0.0	0	0.1	20.9	1.1	1.28	0.0	1.28	
VMP-5-12.5	3/19/2014	1538	-0.30	-0.31	0.0	0	0.1	20.9	0.8	1.03	0.0	1.03	
VMP-5-12.5	4/24/2014	1054	-0.25	-0.17	0.0	0	0.2	20.8	0.5	1.28	0.0	1.28	
VMP-5-12.5	5/22/2014	1342	-0.49	-0.43	0.0	0	0.3	20.5	1.3	2.42	0.0	2.42	
VMP-5-12.5	6/19/2014	1336	-0.31	-0.27	0.0	0	0.4	20.6	1.7	1.69	0.0	1.69	
VMP-5-12.5	7/24/2014	1448	-0.31	-0.32	0.0	0	0.4	20.8	2.3	1.68	0.0	1.68	
VMP-5-12.5	8/20/2014	1525	-0.38	-0.39	0.0	0	0.4	20.6	1.6	3.21	0.0	3.21	
VMP-5-12.5	9/18/2014	1340	-0.29	-0.32	0.0	0	0.3	20.7	1.0	0.47	0.0	0.47	
VMP-5-12.5	10/22/2014	0826	-0.20	-0.50	0.0	0	0.2	20.7	1.2	0.86	0.0	0.86	
VMP-5-12.5	11/20/2014	1510	0.30	-0.34	0.0	0	0.2	20.7	0.7	0.77	0.0	0.77	
VMP-5-12.5	12/18/2014	0832	0.00	-0.36	0.0	0	0.2	20.9	1.2	0.71	0.0	0.71	
VMP-5-12.5-Dup	12/18/2014	0000	NM	NM	0.0	0	0.2	20.9	1.3	1.25	0.0	1.25	Duplicate sample.
VMP-5-12.5	1/29/2015	1454	-0.28	-0.38	0.0	0	0.1	20.9	0.0	1.7	0.0	1.7	
VMP-5-12.5	2/26/2015	1135	-0.32	-0.24	0.0	0	0.2	20.8	0.8	0.3	0.0	0.3	
VMP-5-12.5	3/26/2015	1358	-0.38	-0.39	0.0	0	0.2	20.9	0.8	1.0	0.0	1.0	
VMP-5-12.5	4/23/2015	1508	-0.47	-0.50	0.0	0	0.2	20.9	1.1	1.5	0.0	1.5	
VMP-5-12.5	5/21/2015	1320	-0.50	-0.51	0.0	0	0.2	20.8	0.4	1.4	0.0	1.4	
VMP-5-12.5	6/18/2015	0929	-0.54	-0.49	0.0	0	0.3	20.5	0.5	1.5	0.0	1.5	
VMP-5-12.5	7/23/2015	1055	-0.40	-0.27	0.0	0	0.3	20.7	0.6	0.0	0.0	0.0	
VMP-5-12.5	8/20/2015	1045	-0.84	-0.53	0.0	0	0.3	20.5	0.5	0.0	0.0	0.0	
VMP-5-12.5	9/17/2015	1045	0.00	0.47	0.0	0	0.3	20.4	0.4	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-5-12.5	10/22/2015	1305	-0.45	-0.38	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-5-12.5	11/24/2015	1217	-0.55	-0.51	0.0	0	0.0	20.9	0.1	0	0.0	0.0	
VMP-5-12.5	12/18/2015	0910	-0.27	-0.15	0.0	0	0.0	20.9	0.1	0	0.0	0.0	
VMP-5-12.5	1/21/2016	1432	-0.25	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-5-12.5	2/18/2016	1415	-0.40	-0.34	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-5-12.5	3/23/2016	0850	-0.81	-0.81	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-5-12.5	4/21/2016	1430	-0.55	-0.55	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-5-12.5	5/18/2016	1500	-0.88	-0.88	0.0	0	0.1	20.8	0.5	0.0	0.0	0.0	
VMP-5-12.5	6/22/2016	1035	-0.51	-0.55	0.0	0	0.2	20.6	0.3	0.0	0.0	0.0	
VMP-5-12.5	7/21/2016	1321	-0.36	-0.47	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	
VMP-5-12.5	8/25/2016	0956	-0.50	-0.47	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-5-12.5	9/22/2016	0945	-0.22	-0.18	0.0	0	0.6	20.3	0.4	0.0	0.0	0.0	
VMP-5-12.5	10/21/2016	1020	-0.47	-0.43	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-5-12.5	11/17/2016	0814	-0.21	-0.21	0.0	0	0.2	20.7	2.7	31.4	0.0	31.4	Resampled due to anomalous THC.
VMP-5-12.5	11/17/2016	1410	-0.13	NM	0.0	0	0.2	20.7	3.1	23.1	0.0	23.1	Resample.
VMP-5-12.5	12/22/2016	1345	0.00	0.62	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at -0.48 inwc on 12/28/2016.
VMP-5-31	2/2/2012	1334	-0.14	-0.27	OVR	OVR	11.3	1.0	229	146000	53300	92700	
VMP-5-31	2/3/2012	837	-0.65	-0.33	OVR	OVR	10.8	1.5	192	100000	27500	72500	
VMP-5-31	2/7/2012	823	-0.75	-0.51	OVR	OVR	11.1	2.5	192	59700	36140	23560	
VMP-5-31	2/13/2012	1506	-0.47	-0.42	76.2	OVR	11.5	1.2	251	38260	20860	17400	
VMP-5-31	2/14/2012	1555	-1.05	-1.10	68.2	OVR	11.6	1.3	246	38900	18600	20300	
VMP-5-31	2/15/2012	1242	-0.70	-0.62	39.5	OVR	10.1	3.3	246	24000	12600	11400	
VMP-5-31	2/22/2012	848	-0.53	-0.49	3.5	70	11.5	1.6	188	6970	4020	2950	
VMP-5-31	2/29/2012	828	-0.66	-0.54	0.8	17	11.4	1.8	112	1280	1080	200	
VMP-5-31	3/21/2012	859	-0.59	-0.53	0.1	3	11.3	1.2	21.7	308	248	60.0	
VMP-5-31	4/18/2012	908	-0.88	-0.87	0.0	0	11.4	1.7	8.4	140	110	30.0	
VMP-5-31	5/16/2012	1151	-1.00	-0.88	0.0	0	11.8	2.9	5.7	15.3	0.0	15.3	
VMP-5-31	6/20/2012	1300	-0.78	-0.58	0.0	0	8.2	12.3	5.0	13.7	1.4	12.3	
VMP-5-31	7/18/2012	1041	-0.88	-0.81	0.0	0	6.1	15.0	2.5	11.8	8.3	3.5	
VMP-5-31	8/15/2012	1009	-0.91	-0.90	0.0	0	5.9	15.3	1.4	12.6	9.7	2.9	
VMP-5-31	9/19/2012	1326	-1.04	-1.02	0.0	0	4.6	16.2	1.2	3.9	0.0	3.9	
VMP-5-31	10/17/2012	1334	-1.17	-1.12	0.0	0	4.0	17.4	0.7	6.0	5.2	0.8	
VMP-5-31	11/20/2012	950	-1.23	-1.19	0.0	0	3.8	17.6	0.7	8.6	7.9	0.7	
VMP-5-31	12/19/2012	922	-0.77	-1.05	0.0	0	4.0	17.3	0.6	5.7	3.9	1.8	
VMP-5-31	1/16/2013	914	-0.79	-0.54	0.0	0	3.9	17.9	0.6	5.9	1.7	4.2	
VMP-5-31	2/25/2013	1035	-0.72	-0.54	0.0	0	3.1	18.1	1.6	7.6	2.7	4.9	
VMP-5-31	3/21/2013	1112	-1.46	-1.34	0.0	0	2.3	19.2	1.2	3.2	0.0	3.2	
VMP-5-31	4/24/2013	1406	-1.69	-1.68	0.0	0	2.1	18.8	0.5	1.6	0.0	1.6	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-5-31	5/23/2013	1327	-2.01	-2.06	0.0	0	2.1	18.9	0.3	0.5	0.0	0.5	
VMP-5-31	6/25/2013	1357	-1.24	-1.45	0.0	0	2.9	17.9	1.0	3.4	0.0	3.4	
VMP-5-31	7/25/2013	1343	-1.20	-1.98	0.0	0	3.0	17.1	0.9	1.9	0.0	1.9	
VMP-5-31	8/28/2013	1423	-3.15	-1.88	0.0	0	3.4	17.9	0.7	1.9	0.0	1.9	
VMP-5-31	9/26/2013	1353	-2.38	-2.64	0.0	0	3.0	18.7	0.6	1.1	0.0	1.1	
VMP-5-31	10/24/2013	0855	-2.78	-2.74	0.0	0	1.7	19.2	0.2	0.9	0.0	0.9	
VMP-5-31	11/20/2013	1413	-2.60	-2.49	0.0	0	1.6	19.9	0.4	0.9	0.0	0.9	
VMP-5-31	12/19/2013	1016	-2.52	-2.18	0.0	0	1.5	19.8	0.6	0.4	0.0	0.4	
VMP-5-31	1/30/2014	1451	-2.01	-2.14	0.0	0	0.4	20.1	0.2	0.73	0.0	0.73	
VMP-5-31	2/19/2014	1348	-2.10	-0.31	0.0	0	1.2	20.1	1.0	0.59	0.0	0.59	
VMP-5-31	3/19/2014	1543	-1.93	-1.92	0.0	0	0.7	20.6	0.6	1.08	0.0	1.08	
VMP-5-31	4/24/2014	1055	-1.40	-1.18	0.0	0	0.6	20.3	0.6	1.52	0.0	1.52	
VMP-5-31	5/22/2014	1343	-1.83	-1.59	0.0	0	0.8	19.9	1.3	1.2	0.0	1.2	
VMP-5-31	6/19/2014	1339	-1.51	-1.60	0.0	0	0.9	19.9	0.9	0.93	0.0	0.93	
VMP-5-31	7/24/2014	1448	-1.67	-1.73	0.0	0	1.2	20.1	2.9	1.76	0.0	1.76	
VMP-5-31	8/20/2014	1530	-1.99	-2.19	0.0	0	1.0	20.1	1.8	1.48	0.0	1.48	
VMP-5-31	9/18/2014	1345	-1.67	-1.95	0.0	0	1.1	20.1	1.0	0.91	0.0	0.91	
VMP-5-31	10/22/2014	0826	-2.49	-2.68	0.0	0	0.8	20.3	0.9	0.37	0.0	0.37	
VMP-5-31	11/20/2014	1511	-0.71	-1.18	0.0	0	0.7	20.4	0.7	0.41	0.0	0.41	
VMP-5-31	12/18/2014	0839	-1.53	-1.69	0.0	0	0.7	20.6	1.7	0.78	0.0	0.78	
VMP-5-31	1/29/2015	1456	-1.84	-1.99	0.0	0	0.6	20.5	1.5	0.2	0.0	0.2	
VMP-5-31	2/26/2015	1135	-1.57	-1.65	0.0	0	0.6	20.5	0.7	0.3	0.0	0.3	
VMP-5-31	3/26/2015	1358	-2.25	-2.23	0.0	0	0.6	20.5	0.9	0.8	0.0	0.8	
VMP-5-31	4/23/2015	1509	-2.26	-2.35	0.0	0	0.5	20.6	1.1	1.5	0.0	1.5	
VMP-5-31	5/21/2015	1325	-2.74	-2.69	0.0	0	0.5	20.3	0.5	1.5	0.0	1.5	
VMP-5-31	6/18/2015	0933	-2.58	-2.75	0.0	0	0.7	20.1	0.4	0.4	0.0	0.4	
VMP-5-31	7/23/2015	1059	-2.90	-2.85	0.0	0	0.9	20.2	0.3	0.0	0.0	0.0	
VMP-5-31	8/20/2015	1050	-3.07	-2.97	0.0	0	0.9	20.0	0.4	0.0	0.0	0.0	
VMP-5-31	9/17/2015	1050	-2.89	-2.86	0.0	0	0.7	20.3	0.5	0.0	0.0	0.0	
VMP-5-31	10/22/2015	1310	-2.86	-2.72	0.0	0	0.5	20.4	0.2	0	0.0	0.0	
VMP-5-31	11/24/2015	1222	-0.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-5-31	12/18/2015	0915	-1.01	-0.72	0.0	0	0.3	20.7	0.1	0	0.0	0.0	
VMP-5-31	1/21/2016	1437	-1.51	-1.63	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-5-31	2/18/2016	1420	-2.40	-2.27	0.0	0	0.4	20.4	0.2	0.0	0.0	0.0	
VMP-5-31	3/23/2016	0855	-3.72	-3.70	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-5-31	4/21/2016	1435	-2.75	-2.70	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-5-31	5/18/2016	1505	-5.17	-4.07	0.0	0	0.4	20.6	0.5	0.0	0.0	0.0	
VMP-5-31	6/22/2016	1040	-2.66	-2.75	0.0	0	0.5	20.1	0.5	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-5-31	7/21/2016	1322	-1.52	-1.57	0.0	0	0.7	20.1	0.2	0.0	0.0	0.0	
VMP-5-31	8/25/2016	0957	-2.23	-2.30	0.0	0	0.9	19.8	0.6	0.0	0.0	0.0	
VMP-5-31	9/22/2016	0946	-0.70	-0.67	0.0	0	1.1	19.7	0.1	0.0	0.0	0.0	
VMP-5-31	10/21/2016	1023	-1.82	-1.81	0.0	0	1.2	20.0	0.0	0.0	0.0	0.0	
VMP-5-31	11/17/2016	0815	-0.79	-0.77	0.0	0	0.9	20.0	0.1	0.0	0.0	0.0	
VMP-5-31	12/22/2016	1348	2.97	3.02	0.0	0	0.8	20.2	0.1	0.0	0.0	0.0	Initial vacuum measured at -2.38 inwc on 12/28/2016.
VMP-5-40	2/2/2012	1339	-0.22	-0.24	OVR	OVR	8.8	6.6	219	92000	48300	43700	
VMP-5-40	2/3/2012	842	-0.47	-0.32	OVR	OVR	10.8	2.0	184	64400	48000	16400	
VMP-5-40	2/7/2012	829	-0.61	-0.50	66.8	OVR	11.0	2.5	185	32660	20650	12010	
VMP-5-40	2/13/2012	1507	-0.50	-0.42	40.7	OVR	11.9	1.2	251	21740	13890	7850	
VMP-5-40	2/14/2012	1556	-1.01	-1.09	31.2	OVR	11.8	1.5	232	26400	15600	10800	
VMP-5-40	2/15/2012	1243	-0.77	-0.62	17.5	OVR	10.5	3.1	213	16460	9230	7230	
VMP-5-40	2/22/2012	854	-0.58	-0.48	2.0	41	11.6	2.0	168	5010	2410	2600	
VMP-5-40	2/29/2012	833	-0.64	-0.52	0.7	14	11.7	2.4	91.2	1150	776	374	
VMP-5-40	3/21/2012	907	-0.58	-0.54	0.3	6	12.0	1.0	44.1	471	329	142	
VMP-5-40	4/18/2012	913	-0.89	-0.86	0.2	4	12.1	1.6	26.5	533	318	215	
VMP-5-40	5/16/2012	1151	-1.00	-0.88	0.0	0	9.9	9.7	15.7	74.2	30.5	43.7	
VMP-5-40	6/20/2012	1301	-0.78	-0.57	0.0	0	8.1	13.3	4.9	24.6	14.6	10.0	
VMP-5-40	7/18/2012	1042	-0.89	-0.81	0.0	0	6.1	15.6	2.9	29.6	21.4	8.3	
VMP-5-40	8/15/2012	1013	-0.91	-0.89	0.0	0	6.1	15.1	5.1	31.8	18.1	13.7	
VMP-5-40	9/19/2012	1327	-1.04	-1.01	0.0	0	5.0	16.2	2.3	21.0	17.8	3.2	
VMP-5-40	10/17/2012	1340	-1.16	-1.11	0.0	0	4.3	17.4	2.8	49.4	40.3	9.1	
VMP-5-40	11/20/2012	953	-1.23	-1.20	0.0	0	4.1	17.5	2.5	65.2	52.9	12.4	
VMP-5-40	12/19/2012	923	-0.78	-1.05	0.0	0	3.9	17.5	1.3	27.3	18.2	9.1	
VMP-5-40	1/16/2013	918	-0.77	-0.52	0.0	0	4.0	17.6	0.9	22.2	16.2	6.0	
VMP-5-40	2/25/2013	1035	-0.73	-0.53	0.0	0	3.3	17.9	1.7	9.8	5.1	4.7	
VMP-5-40	3/21/2013	1119	-1.43	-1.37	0.0	0	2.9	18.7	1.2	10.3	7.7	2.6	
VMP-5-40	4/24/2013	1410	-1.70	-1.69	0.0	0	2.5	18.7	0.5	7.1	5.6	1.5	
VMP-5-40	5/23/2013	1327	-2.02	-2.05	0.0	0	2.4	18.9	0.5	24.5	19.4	5.1	
VMP-5-40	6/25/2013	1405	-1.26	-1.52	0.0	0	2.6	18.0	1.2	16.6	13.2	3.4	
VMP-5-40	7/25/2013	1348	-1.18	-1.17	0.0	0	3.3	17.3	0.9	7.7	5.8	1.9	
VMP-5-40	8/28/2013	1427	-1.37	-1.81	0.0	0	3.1	17.7	1.7	24.7	22.0	2.7	
VMP-5-40	9/26/2013	1356	-2.38	-2.66	0.0	0	3.2	18.7	0.8	76.2	70.0	6.2	
VMP-5-40	10/24/2013	0858	-2.77	-2.72	0.0	0	2.3	18.9	0.4	20.9	19.0	2.0	
VMP-5-40	11/20/2013	1420	-2.59	-2.48	0.0	0	2.0	19.6	0.6	8.3	7.7	0.6	
VMP-5-40	12/19/2013	1020	-1.52	-2.19	0.0	0	1.8	19.7	0.7	1.6	0.0	1.6	
VMP-5-40	1/30/2014	1452	-2.03	-2.16	0.0	0	0.8	19.8	0.1	1.26	0.0	1.26	
VMP-5-40	2/19/2014	1352	-2.12	-2.10	0.0	0	1.7	19.7	1.1	1.07	0.0	1.07	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-5-40	3/19/2014	1548	-1.95	-1.93	0.0	0	1.3	20.3	0.9	1.65	0.0	1.65	
VMP-5-40	4/24/2014	1055	-1.40	-1.18	0.0	0	1.3	19.6	0.6	2.56	0.0	2.56	
VMP-5-40	5/22/2014	1344	-1.83	-1.57	0.0	0	1.5	19.4	1.5	3.07	0.0	3.07	
VMP-5-40	6/19/2014	1342	-1.67	-1.61	0.0	0	1.5	19.2	1.0	1.25	0.0	1.25	
VMP-5-40	7/24/2014	1448	-1.67	-1.75	0.0	0	1.8	19.3	3.8	1.58	0.0	1.58	
VMP-5-40	8/20/2014	1535	-2.00	-1.99	0.0	0	2.0	19.3	2.0	1.28	0.0	1.28	
VMP-5-40	9/18/2014	1350	-1.67	-1.87	0.0	0	2.2	19.2	0.7	1.75	0.0	1.75	
VMP-5-40	10/22/2014	0827	-2.62	-2.70	0.0	0	2.0	19.3	1.5	1.39	0.0	1.39	
VMP-5-40	11/20/2014	1511	-0.72	-1.20	0.0	0	1.8	19.6	0.8	0.54	0.0	0.54	
VMP-5-40	12/18/2014	0843	-1.54	-1.69	0.0	0	1.7	19.8	1.3	1.22	0.0	1.22	
VMP-5-40	1/29/2015	1458	-1.86	-2.02	0.0	0	1.4	19.9	0.9	0.6	0.0	0.6	
VMP-5-40	2/26/2015	1135	-1.57	-1.66	0.0	0	1.3	20.0	1.2	0.3	0.0	0.3	
VMP-5-40	3/26/2015	1359	-2.27	-2.22	0.0	0	1.3	19.9	1.1	2.1	0.0	2.1	
VMP-5-40	4/23/2015	1510	-2.28	-2.36	0.0	0	1.2	20.0	1.3	2.6	0.0	2.6	
VMP-5-40	5/21/2015	1330	-2.75	-2.72	0.0	0	1.2	19.7	0.4	0.7	0.0	0.7	
VMP-5-40	6/18/2015	0937	-2.84	-2.73	0.0	0	1.3	19.5	0.4	0.7	0.0	0.7	
VMP-5-40	7/23/2015	1103	-2.93	-2.91	0.0	0	1.6	19.3	0.4	0.0	0.0	0.0	
VMP-5-40	8/20/2015	1055	-3.01	-3.01	0.0	0	1.7	19.4	0.4	0.0	0.0	0.0	
VMP-5-40	9/17/2015	1055	-2.91	-2.89	0.0	0	1.7	19.3	0.7	0.0	0.0	0.0	
VMP-5-40	10/22/2015	1315	-2.88	-2.74	0.0	0	1.6	19.5	0.4	0	0.0	0.0	
VMP-5-40	11/24/2015	1227	-3.23	-3.22	0.0	0	1.3	20.1	0.1	0	0.0	0.0	
VMP-5-40	12/18/2015	0920	-1.04	-0.71	0.0	0	1.1	20.1	0.2	0	0.0	0.0	
VMP-5-40	1/21/2016	1442	-1.51	-1.62	0.0	0	1.3	20.0	0.2	0.0	0.0	0.0	
VMP-5-40	2/18/2016	1425	-2.46	-2.28	0.0	0	1.2	20.0	0.3	0.0	0.0	0.0	
VMP-5-40	3/23/2016	0900	-3.72	-3.76	0.0	0	1.0	20.1	0.3	0.0	0.0	0.0	
VMP-5-40	4/21/2016	1440	-2.79	-2.74	0.0	0	0.6	20.3	0.1	0.0	0.0	0.0	
VMP-5-40	5/18/2016	1510	-4.07	-4.08	0.0	0	1.1	19.9	0.6	0.0	0.0	0.0	
VMP-5-40	6/22/2016	1045	-2.65	-2.77	0.0	0	1.1	19.5	0.5	0.0	0.0	0.0	
VMP-5-40	7/21/2016	1323	-1.53	-1.58	0.0	0	1.3	19.6	0.1	0.0	0.0	0.0	
VMP-5-40	8/25/2016	0958	-2.25	-2.31	0.0	0	1.5	19.2	0.4	0.0	0.0	0.0	
VMP-5-40-Dup	8/25/2016	0958	NM	NM	0.0	0	1.6	19.2	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-5-40	9/22/2016	0947	-0.58	-0.56	0.0	0	1.7	18.8	0.0	0.0	0.0	0.0	
VMP-5-40	10/21/2016	1026	-2.19	-2.12	0.0	0	1.9	19.3	0.0	5.1	4.5	0.6	
VMP-5-40	11/17/2016	0816	-0.66	-0.66	0.0	0	1.9	19.1	0.1	0.0	0.0	0.0	
VMP-5-40-Dup	11/17/2016	0816	NM	NM	0.0	0	1.9	19.3	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-5-40	12/22/2016	1351	2.72	2.90	0.0	0	1.5	19.9	0.0	0.0	0.0	0.0	Initial vacuum measured at -2.40 inwc on 12/28/2016.
VMP-6-5	2/2/2012	1356	-0.03	-0.05	0.0	0	0.7	20.6	0.3	4.7	0.0	4.7	
VMP-6-5	2/3/2012	900	-0.06	-0.05	0.0	0	0.4	20.8	0.5	0.5	0.0	0.5	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-6-5	2/7/2012	936	-0.05	-0.05	0.0	0	0.3	20.9	0.2	0.0	0.0	0.0	
VMP-6-5	2/15/2012	1330	-0.03	0.00	0.0	0	0.3	20.9	0.4	3.5	0.0	3.5	
VMP-6-5	2/22/2012	1059	0.00	0.00	0.0	0	0.6	20.7	0.4	0.0	0.0	0.0	
VMP-6-5	2/29/2012	940	-0.12	-0.05	0.0	0	0.8	20.6	0.4	3.4	0.0	3.4	
VMP-6-5	3/21/2012	956	-0.02	0.01	0.0	0	0.4	20.7	0.2	0.0	0.0	0.0	
VMP-6-5	4/18/2012	951	-0.06	-0.05	0.0	0	0.1	20.9	0.8	5.7	0.0	5.7	
VMP-6-5	5/16/2012	1214	-0.10	-0.07	0.0	0	0.1	20.7	0.9	0.0	0.0	0.0	
VMP-6-5	6/20/2012	1018	-0.06	-0.04	0.0	0	0.2	20.6	0.5	4.3	0.0	4.3	
VMP-6-5	7/18/2012	950	-0.06	-0.05	0.0	0	0.2	20.8	0.4	1.7	0.0	1.7	
VMP-6-5	8/15/2012	930	-0.03	-0.04	0.0	0	0.2	20.8	0.7	3.4	0.0	3.4	
VMP-6-5	9/19/2012	1356	-0.01	-0.04	0.0	0	0.1	20.8	0.8	2.3	0.0	2.3	
VMP-6-5	10/17/2012	1332	-0.02	-0.08	0.0	0	0.1	20.8	0.3	1.9	0.0	1.9	
VMP-6-5	11/20/2012	1100	-0.01	0.00	0.0	0	0.0	20.9	0.1	0.7	0.0	0.7	
VMP-6-5	12/19/2012	1138	-0.02	-0.01	0.0	0	0.0	20.9	0.1	0.3	0.0	0.3	
VMP-6-5	1/16/2013	958	-0.03	-0.02	0.0	0	0.1	20.8	0.1	1.5	0.0	1.5	
VMP-6-5	2/25/2013	1010	-0.05	-0.04	0.0	0	0.0	20.9	0.2	1.8	0.0	1.8	
VMP-6-5	3/20/2013	1557	-0.09	-0.03	0.0	0	0.0	20.9	0.4	2.7	0.0	2.7	
VMP-6-5	4/24/2013	1059	-0.21	-0.24	0.0	0	0.0	20.9	0.1	0.2	0.0	0.2	
VMP-6-5	5/23/2013	916	-0.18	-0.19	0.0	0	0.1	20.8	0.4	1.9	0.0	1.9	
VMP-6-5	6/25/2013	1545	-0.27	0.00	0.0	0	0.5	20.2	0.6	2.8	0.0	2.8	
VMP-6-5	7/24/2013	1459	-0.10	-0.11	0.0	0	0.1	20.8	0.5	2.5	0.0	2.5	
VMP-6-5	8/29/2013	1450	-0.08	-0.07	0.0	0	0.0	20.9	0.5	1.7	0.0	1.7	
VMP-6-5	9/25/2013	1438	-0.05	-0.08	0.0	0	0.0	20.9	0.9	1.4	0.0	1.4	
VMP-6-5	10/24/2013	0941	-0.08	-0.29	0.0	0	0.0	20.6	0.1	2.0	0.0	2.0	
VMP-6-5	11/20/2013	1253	-0.11	0.00	0.0	0	0.1	20.9	0.3	1.0	0.0	1.0	
VMP-6-5	12/19/2013	0917	-0.15	-0.13	0.0	0	0.0	20.9	0.5	1.6	0.0	1.6	
VMP-6-5	1/30/2014	1049	-0.07	-0.04	0.0	0	0.1	20.9	0.2	1.61	0.0	1.61	
VMP-6-5	2/19/2014	1459	0.00	-0.04	0.0	0	0.2	20.9	0.9	0.45	0.0	0.45	
VMP-6-5	3/20/2014	1308	0.00	0.00	0.0	0	0.1	20.5	0.9	1.55	0.0	1.55	
VMP-6-5	4/24/2014	1201	0.00	0.09	0.0	0	0.1	20.8	0.5	1.54	0.0	1.54	
VMP-6-5	5/22/2014	1501	0.00	0.00	0.0	0	1.0	19.7	0.7	0.44	0.0	0.44	
VMP-6-5	6/18/2014	1452	0.00	0.00	0.0	0	1.7	19.0	0.8	0.91	0.0	0.91	
VMP-6-5	7/24/2014	1353	0.00	0.00	0.0	0	1.9	18.8	2.6	1.48	0.0	1.48	
VMP-6-5	8/20/2014	0957	-0.01	-0.08	0.0	0	1.6	19.4	0.5	0.37	0.0	0.37	
VMP-6-5	9/17/2014	0940	0.00	0.00	0.0	0	1.2	20.0	0.5	1.09	0.0	1.09	
VMP-6-5	10/22/2014	0925	-0.05	-0.06	0.0	0	0.7	20.4	0.6	1.85	0.0	1.85	
VMP-6-5	11/20/2014	1345	-0.54	-0.28	0.0	0	0.4	20.5	0.9	1.05	0.0	1.05	
VMP-6-5	12/18/2014	1118	-0.64	0.00	0.0	0	0.3	20.7	1.8	1.88	0.0	1.88	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-6-5	1/29/2015	1540	-0.10	-0.11	0.0	0	0.1	20.8	1.6	1.7	0.0	1.7	
VMP-6-5	2/26/2015	1055	-0.12	-0.12	0.0	0	0.1	20.9	0.6	0.4	0.0	0.4	
VMP-6-5	3/26/2015	1138	-0.12	-0.13	0.0	0	0.6	19.8	0.8	1.9	0.0	1.9	
VMP-6-5	4/22/2015	1532	0.00	0.00	0.0	0	0.2	20.8	0.7	0.9	0.0	0.9	
VMP-6-5	5/21/2015	0955	0.00	-0.44	0.0	0	0.6	20.1	0.4	2.1	0.0	2.1	
VMP-6-5	6/17/2015	1318	-0.10	0.00	0.0	0	2.3	16.8	0.4	0.0	0.0	0.0	
VMP-6-5	7/23/2015	1112	0.00	0.00	0.0	0	0.8	20.1	0.5	0.0	0.0	0.0	
VMP-6-5	8/20/2015	0910	0.00	0.00	0.0	0	1.0	19.9	0.3	0.0	0.0	0.0	
VMP-6-5	9/17/2015	0900	0.00	0.0	0.0	0	0.2	20.7	0.8	0.0	0.0	0.0	
VMP-6-5	10/22/2015	0912	0.00	0.00	0.0	0	0.1	20.7	0.3	0.2	0.0	0.2	
VMP-6-5	11/24/2015	1025	0.00	0.00	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-6-5	12/17/2015	1500	0.00	0.33	0.0	0	0.1	20.7	0.0	0	0.0	0.0	
VMP-6-5	1/21/2016	1337	0.36	-0.14	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-6-5	2/18/2016	1215	0.00	0.00	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-6-5	3/23/2016	1055	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-6-5	4/21/2016	1355	0.05	0.00	0.0	0	0.4	20.4	0.0	0.0	0.0	0.0	
VMP-6-5	5/18/2016	1340	0.00	-0.05	0.0	0	0.8	20.4	0.3	0.0	0.0	0.0	
VMP-6-5	6/21/2016	1550	0.00	0.00	0.0	0	0.4	20.3	0.4	0.0	0.0	0.0	
VMP-6-5	7/21/2016	0838	0.00	0.00	0.0	0	0.7	19.7	0.0	0.0	0.0	0.0	
VMP-6-5	8/24/2016	1545	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-6-5	9/22/2016	0855	0.00	0.0	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-6-5	10/21/2016	0909	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-6-5	11/16/2016	1345	0.00	0.00	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-6-5	12/22/2016	0843	0.38	-0.11	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-6-10	2/2/2012	1402	-0.26	-0.14	0.0	0	6.8	13.0	0.3	0.0	0.0	0.0	
VMP-6-10	2/3/2012	905	-0.12	-0.16	0.0	0	6.0	14.7	0.5	0.0	0.0	0.0	
VMP-6-10	2/7/2012	943	-0.29	-0.24	0.0	0	4.1	18.8	0.2	0.0	0.0	0.0	
VMP-6-10	2/15/2012	1331	-0.19	-0.09	0.0	0	2.4	20.0	0.3	2.8	0.0	2.8	
VMP-6-10	2/22/2012	1104	-0.12	-0.08	0.0	0	2.1	20.0	0.3	0.0	0.0	0.0	
VMP-6-10	2/29/2012	945	-0.12	-0.11	0.0	0	2.8	17.6	0.5	0.0	0.0	0.0	
VMP-6-10	3/21/2012	1001	-0.08	-0.04	0.0	0	2.2	18.4	0.2	0.0	0.0	0.0	
VMP-6-10	4/18/2012	956	-0.17	-0.12	0.0	0	1.8	19.7	0.6	4.5	0.0	4.5	
VMP-6-10	5/16/2012	1217	-0.19	-0.15	0.0	0	1.8	19.2	0.5	0.0	0.0	0.0	
VMP-6-10	6/20/2012	1019	-0.12	-0.12	0.0	0	1.9	19.0	0.5	2.0	0.0	2.0	
VMP-6-10	7/18/2012	951	-0.12	-0.12	0.0	0	1.4	19.8	0.5	0.0	0.0	0.0	
VMP-6-10	8/15/2012	936	-0.09	-0.11	0.0	0	1.2	19.8	0.6	2.2	0.0	2.2	
VMP-6-10	9/19/2012	1357	-0.05	-0.11	0.0	0	0.8	20.1	0.7	1.5	0.0	1.5	
VMP-6-10	10/17/2012	1333	-0.09	-0.11	0.0	0	0.5	20.4	0.4	0.5	0.0	0.5	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-6-10	11/20/2012	1103	-0.04	-0.22	0.0	0	0.3	20.6	0.1	0.1	0.0	0.1	
VMP-6-10	12/19/2012	1139	-0.05	-0.03	0.0	0	0.3	20.7	0.1	0.2	0.0	0.2	
VMP-6-10	1/16/2013	1002	-0.08	-0.02	0.0	0	0.4	20.5	0.1	1.2	0.0	1.2	
VMP-6-10	2/25/2013	1010	-0.12	-0.08	0.0	0	0.3	20.6	0.3	0.9	0.0	0.9	
VMP-6-10	3/20/2013	1604	-0.14	-0.12	0.0	0	0.2	20.7	0.4	1.6	0.0	1.6	
VMP-6-10	4/24/2013	1103	-0.46	-0.43	0.0	0	0.4	20.5	0.1	0.7	0.0	0.7	
VMP-6-10	5/23/2013	918	-0.39	-0.43	0.0	0	0.7	20.0	0.3	0.5	0.0	0.5	
VMP-6-10	6/25/2013	1550	-0.09	0.00	0.0	0	1.2	19.5	0.5	0.3	0.0	0.3	
VMP-6-10	7/24/2013	1504	-0.24	-0.20	0.0	0	1.3	19.6	0.7	1.5	0.0	1.5	
VMP-6-10	8/29/2013	1454	-0.19	-0.20	0.0	0	0.9	20.1	0.5	0.3	0.0	0.3	
VMP-6-10	9/25/2013	1442	0.02	-0.10	0.0	0	0.5	20.4	0.9	0.2	0.0	0.2	
VMP-6-10	10/24/2013	0944	-0.20	-0.10	0.0	0	0.4	20.3	0.1	0.8	0.0	0.8	
VMP-6-10	11/20/2013	1258	-0.60	-0.71	0.0	0	0.3	20.7	0.3	0.2	0.0	0.2	
VMP-6-10	12/19/2013	0921	-0.26	0.22	0.0	0	0.2	20.9	0.3	0.3	0.0	0.3	
VMP-6-10	1/30/2014	1049	-0.14	-0.12	0.0	0	0.2	20.9	0.2	0.85	0.0	0.85	
VMP-6-10	2/19/2014	1503	0.00	-0.06	0.0	0	0.2	20.8	0.9	0.4	0.0	0.4	
VMP-6-10	3/20/2014	1309	0.00	0.05	0.0	0	0.2	20.8	0.8	1.58	0.0	1.58	
VMP-6-10	4/24/2014	1201	0.00	0.17	0.0	0	0.4	20.3	0.6	1.22	0.0	1.22	
VMP-6-10	5/22/2014	1504	-0.07	0.00	0.0	0	1.0	19.7	0.8	0.19	0.0	0.19	
VMP-6-10	6/18/2014	1452	0.00	0.00	0.0	0	1.8	19.0	1.0	0.96	0.0	0.96	
VMP-6-10	7/24/2014	1353	-0.55	0.00	0.0	0	2.7	18.6	2.1	1.15	0.0	1.15	
VMP-6-10	8/20/2014	0958	-0.02	-0.17	0.0	0	2.5	18.8	0.9	0.18	0.0	0.18	
VMP-6-10	9/17/2014	0945	-0.60	-0.11	0.0	0	2.3	19.2	0.8	0.68	0.0	0.68	
VMP-6-10	10/22/2014	0927	-0.17	-0.12	0.0	0	1.8	19.6	0.6	0.54	0.0	0.54	
VMP-6-10	11/20/2014	1345	-0.41	-0.47	0.0	0	0.9	20.2	0.9	0.33	0.0	0.33	
VMP-6-10	12/18/2014	1123	-0.73	-0.41	0.0	0	0.6	20.5	1.4	0.39	0.0	0.39	
VMP-6-10	1/29/2015	1543	-0.23	-0.26	0.0	0	0.4	20.7	1.3	0.7	0.0	0.7	
VMP-6-10	2/26/2015	1055	-0.25	-0.21	0.0	0	0.4	20.9	0.5	0.1	0.0	0.1	
VMP-6-10	3/26/2015	1138	-0.22	-0.24	0.0	0	0.5	20.2	0.4	0.3	0.0	0.3	
VMP-6-10	4/22/2015	1533	0.00	-0.13	0.0	0	0.9	20.0	0.7	0.3	0.0	0.3	
VMP-6-10	5/21/2015	1000	-0.15	-0.11	0.0	0	1.2	19.4	0.4	1.0	0.0	1.0	
VMP-6-10	6/17/2015	1322	-0.18	-0.14	0.0	0	1.9	18.9	0.5	0.0	0.0	0.0	
VMP-6-10	7/23/2015	1116	-0.11	-0.12	0.0	0	2.4	18.6	0.4	0.0	0.0	0.0	
VMP-6-10	8/20/2015	0915	-0.17	-0.10	0.0	0	2.5	18.5	0.4	0.0	0.0	0.0	
VMP-6-10	9/17/2015	0905	0.00	0.0	0.0	0	1.8	19.2	0.7	0.0	0.0	0.0	
VMP-6-10	10/22/2015	0917	-0.10	0.00	0.0	0	1.1	19.8	0.5	0	0.0	0.0	
VMP-6-10	11/24/2015	1030	-0.28	-0.33	0.0	0	0.8	20.4	0.0	0	0.0	0.0	
VMP-6-10	12/17/2015	1505	-0.37	-0.12	0.0	0	0.4	20.6	0.0	0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-6-10	1/21/2016	1342	0.00	0.00	0.0	0	0.3	20.5	0.1	0.0	0.0	0.0	
VMP-6-10	2/18/2016	1220	0.15	0.21	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-6-10	3/23/2016	1100	-0.17	-0.11	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	
VMP-6-10	4/21/2016	1400	0.03	0.00	0.0	0	0.6	19.9	0.0	0.0	0.0	0.0	
VMP-6-10	5/18/2016	1345	0.00	-0.15	0.0	0	0.9	20.2	0.4	0.0	0.0	0.0	
VMP-6-10	6/21/2016	1555	0.00	0.00	0.0	0	1.7	19.1	0.4	0.0	0.0	0.0	
VMP-6-10	7/21/2016	0839	0.00	0.00	0.0	0	2.1	18.7	0.0	0.0	0.0	0.0	
VMP-6-10	8/24/2016	1546	0.00	-0.10	0.0	0	2.1	18.9	0.0	0.0	0.0	0.0	
VMP-6-10	9/22/2016	0856	-0.12	0.0	0.0	0	2.2	18.7	0.3	0.0	0.0	0.0	
VMP-6-10	10/21/2016	0913	-0.15	-0.15	0.0	0	2.1	19.1	0.0	0.0	0.0	0.0	
VMP-6-10	11/16/2016	1346	0.00	0.00	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	
VMP-6-10	12/22/2016	0849	0.96	0.91	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	Initial vacuum measured at -0.79 inwc on 12/28/2016.
VMP-6-31.5	2/2/2012	1408	-0.17	-0.26	OVR	OVR	12.5	3.0	321	69600	41500	28100	
VMP-6-31.5	2/3/2012	910	-0.26	-0.31	84.6	OVR	14.2	0.9	267	60730	42300	18430	
VMP-6-31.5	2/7/2012	948	-0.36	-0.24	50.3	OVR	13.7	1.6	251	27800	20450	7350	
VMP-6-31.5	2/15/2012	1332	-0.19	0.00	48.5	OVR	12.9	1.6	113	36400	20140	16260	
VMP-6-31.5	2/22/2012	1109	0.00	-0.01	33.3	OVR	13.3	0.6	354	18800	15040	3760	
VMP-6-31.5	2/29/2012	949	-0.28	-0.26	21.6	OVR	12.4	1.4	350	17880	10600	7280	
VMP-6-31.5	3/21/2012	1006	-0.19	-0.06	10.1	OVR	12.6	0.2	365	9200	4230	4970	
VMP-6-31.5	4/18/2012	1000	-1.14	-0.20	1.2	24	9.8	4.1	205	1780	900	880	
VMP-6-31.5	5/16/2012	1217	-0.40	-0.33	0.0	0	10.9	3.5	41.6	279	143	136	
VMP-6-31.5	6/20/2012	1020	-0.30	-0.30	0.0	0	9.6	5.5	14.0	84.0	35.0	49.0	
VMP-6-31.5	7/18/2012	952	-0.29	-0.30	0.0	0	7.3	9.1	4.0	44.1	41.2	2.9	
VMP-6-31.5	8/15/2012	950	-0.25	-0.25	0.0	0	6.5	9.6	2.0	6.6	5.0	1.6	
VMP-6-31.5	9/19/2012	1358	-0.14	-0.23	0.0	0	6.5	10.6	1.5	5.3	2.0	3.3	
VMP-6-31.5	10/17/2012	1334	-0.25	-0.22	0.0	0	6.9	11.0	1.5	15.6	15.6	0.0	
VMP-6-31.5	11/20/2012	1106	-0.27	-0.24	0.0	0	6.4	12.4	0.6	20.2	20.2	0.0	
VMP-6-31.5	12/19/2012	1140	-0.09	-0.04	0.0	0	6.6	12.4	0.3	27.2	27.2	0.0	
VMP-6-31.5	1/16/2013	1006	-0.17	-0.03	0.0	0	7.1	11.0	0.3	16.5	16.3	0.2	
VMP-6-31.5	2/25/2013	1015	-0.26	-0.17	0.0	0	7.6	10.0	0.4	12.5	12.5	0.0	
VMP-6-31.5	3/20/2013	1610	-0.48	-0.30	0.0	0	6.2	12.2	0.6	10.2	10.2	0.0	
VMP-6-31.5	4/24/2013	1107	-1.24	-0.89	0.0	0	5.7	14.3	0.3	2.9	0.0	2.9	
VMP-6-31.5	5/23/2013	919	-0.90	-1.01	0.0	0	4.4	16.0	0.3	3.9	0.0	3.9	
VMP-6-31.5	6/25/2013	1555	-0.21	-0.08	0.0	0	4.4	16.4	0.4	1.9	0.0	1.9	
VMP-6-31.5	7/24/2013	1509	-0.44	-0.41	0.0	0	3.5	17.3	0.7	1.3	0.0	1.3	
VMP-6-31.5	8/29/2013	1458	-0.44	-0.48	0.0	0	2.8	17.9	0.6	2.0	0.0	2.0	
VMP-6-31.5	9/25/2013	1446	-0.51	-0.57	0.0	0	2.8	18.2	0.9	2.1	0.0	2.1	
VMP-6-31.5	10/24/2013	0946	-0.62	-0.49	0.0	0	2.8	18.1	0.1	1.0	0.0	1.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-6-31.5	11/20/2013	1303	-0.60	-0.42	0.0	0	3.6	17.6	0.2	0.8	0.0	0.8	
VMP-6-31.5	12/19/2013	0925	-0.69	-0.49	0.0	0	3.9	17.1	0.6	3.0	0.0	3.0	
VMP-6-31.5	1/30/2014	1050	-0.23	-0.20	0.0	0	4.2	16.2	0.3	6.58	0.0	6.58	
VMP-6-31.5	2/19/2014	1507	-0.09	-0.13	0.0	0	4.5	16.3	1.0	2.04	0.0	2.04	
VMP-6-31.5	3/20/2014	1310	0.07	0.11	0.0	0	3.2	17.6	1.1	3.42	0.0	3.42	
VMP-6-31.5	4/24/2014	1201	-0.09	0.40	0.0	0	3.2	16.0	0.7	2.68	0.0	2.68	
VMP-6-31.5	5/22/2014	1507	-0.15	-0.09	0.0	0	4.2	15.0	1.6	1.12	0.0	1.12	
VMP-6-31.5	6/18/2014	1453	0.00	0.00	0.0	0	4.3	15.4	1.5	0.89	0.0	0.89	
VMP-6-31.5	7/24/2014	1353	-0.85	0.00	0.0	0	5.1	18.7	2.6	1.29	0.0	1.29	
VMP-6-31.5	8/20/2014	0959	-0.07	-0.42	0.0	0	4.9	15.9	1.1	0.21	0.0	0.21	
VMP-6-31.5	9/17/2014	0949	-0.57	0.00	0.0	0	4.9	16.6	0.9	0.63	0.0	0.63	
VMP-6-31.5	10/22/2014	0931	-0.43	-0.29	0.0	0	4.3	17.0	0.7	1.09	0.0	1.09	
VMP-6-31.5	11/20/2014	1345	-0.13	-0.19	0.0	0	4.1	17.1	1.2	1.54	0.0	1.54	
VMP-6-31.5	12/18/2014	1127	-0.38	0.00	0.0	0	3.8	17.4	1.6	3.53	0.0	3.53	
VMP-6-31.5	1/29/2015	1546	-0.60	-0.63	0.0	0	3.6	17.5	1.8	2.3	0.0	2.3	
VMP-6-31.5	2/26/2015	1055	-0.55	-0.44	0.0	0	3.8	17.3	0.6	0.4	0.0	0.4	
VMP-6-31.5	3/26/2015	1138	-0.45	-0.53	0.0	0	3.4	16.2	0.5	1.4	0.0	1.4	
VMP-6-31.5	4/22/2015	1534	-0.28	-0.31	0.0	0	3.8	15.9	0.8	0.5	0.0	0.5	
VMP-6-31.5	5/21/2015	1005	-0.36	-0.31	0.0	0	3.6	16.3	0.4	1.3	0.0	1.3	
VMP-6-31.5	6/17/2015	1326	-0.40	-0.36	0.0	0	3.5	16.7	0.7	0.0	0.0	0.0	
VMP-6-31.5	7/23/2015	1120	-0.36	-0.37	0.0	0	3.6	17.2	0.4	0.0	0.0	0.0	
VMP-6-31.5	8/20/2015	0920	-0.50	-0.43	0.0	0	3.7	17.0	0.4	0.0	0.0	0.0	
VMP-6-31.5	9/18/2015	1108	-0.20	-0.17	0.0	0	3.4	17.5	1.1	0.0	0.0	0.0	
VMP-6-31.5	10/22/2015	0922	-0.35	-0.31	0.0	0	3.0	17.9	0.8	0	0.0	0.0	
VMP-6-31.5	11/24/2015	1035	-0.41	-0.34	0.0	0	2.7	18.7	0.2	0	0.0	0.0	
VMP-6-31.5	12/17/2015	1510	-0.09	-0.09	0.0	0	2.5	18.9	0.1	0	0.0	0.0	
VMP-6-31.5	1/21/2016	1347	0.00	0.14	0.0	0	2.9	18.0	0.0	0.0	0.0	0.0	
VMP-6-31.5	2/18/2016	1225	0.23	0.33	0.0	0	2.7	18.5	0.3	0.0	0.0	0.0	
VMP-6-31.5	3/23/2016	1105	-0.38	-0.30	0.0	0	2.6	18.6	0.2	0.0	0.0	0.0	
VMP-6-31.5	4/21/2016	1405	0.00	0.00	0.0	0	3.0	18.5	0.0	0.0	0.0	0.0	
VMP-6-31.5	5/18/2016	1350	0.00	-0.36	0.0	0	2.6	18.9	0.3	0.0	0.0	0.0	
VMP-6-31.5	6/21/2016	1600	-0.09	0.00	0.0	0	2.2	18.8	0.6	0.0	0.0	0.0	
VMP-6-31.5	7/21/2016	0840	-0.17	-0.23	0.0	0	2.6	18.4	0.0	0.0	0.0	0.0	
VMP-6-31.5	8/24/2016	1547	0.00	-0.10	0.0	0	2.8	18.2	0.0	0.0	0.0	0.0	
VMP-6-31.5	9/22/2016	0857	0.00	-0.10	0.0	0	3.1	17.7	0.0	0.0	0.0	0.0	
VMP-6-31.5	10/21/2016	0913	-0.15	-0.15	0.0	0	3.3	17.8	0.0	0.0	0.0	0.0	
VMP-6-31.5	11/16/2016	1347	0.00	0.00	0.0	0	3.6	17.4	0.1	0.0	0.0	0.0	
VMP-6-31.5	12/22/2016	0852	3.03	2.13	0.0	0	3.4	17.6	0.0	0.0	0.0	0.0	Initial vacuum measured at -1.60 inwc on 12/28/2016.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-6-39	2/2/2012	1420	0.00	0.08	OVR	OVR	14.3	1.0	343	94000	52500	41500	
VMP-6-39	2/3/2012	916	-0.38	-0.48	OVR	OVR	14.5	0.9	287	62500	42000	20500	
VMP-6-39	2/7/2012	952	-0.34	-0.42	67.2	OVR	14.4	0.7	265	43150	29480	13670	
VMP-6-39	2/15/2012	1333	-0.33	0.04	41.0	OVR	13.0	1.4	279	37000	23630	13370	
VMP-6-39	2/22/2012	1114	0.01	-0.04	29.3	OVR	13.1	1.5	324	24800	16730	8070	
VMP-6-39	2/29/2012	953	-0.31	-0.26	OVR	OVR	12.2	2.0	103	348000	285000	63000	
VMP-6-39	3/21/2012	NA	-0.32	0.09	16.9	OVR	12.8	0.1	422	13600	5860	7740	
VMP-6-39	4/18/2012	1004	-0.36	-0.24	4.5	91	12.0	0.6	375	3900	1400	2500	
VMP-6-39	5/16/2012	1217	-0.39	-0.31	0.5	10	12.1	1.5	117	770	322	448	
VMP-6-39	6/20/2012	1021	-0.29	-0.30	0.0	0	11.0	4.2	21.0	203	147	56.0	
VMP-6-39	7/18/2012	953	-0.29	-0.30	0.0	0	9.6	5.7	6.7	94.6	69.2	25.4	
VMP-6-39	8/15/2012	944	-0.25	-0.24	0.1	2	10.3	3.8	43.3	313	313	0.0	
VMP-6-39	9/19/2012	1359	-0.15	-0.23	0.0	0	10.7	4.1	16.2	79.4	48.0	31.4	
VMP-6-39	10/17/2012	1335	-0.25	-0.22	0.0	0	11.0	4.6	4.3	35.1	13.4	21.7	
VMP-6-39	11/20/2012	1109	-0.28	-0.24	0.0	0	12.8	6.3	1.0	27.6	15.9	11.7	
VMP-6-39	12/19/2012	1141	-0.09	-0.05	2.3	46	12.6	4.8	126	5000	3600	1400	
VMP-6-39	1/16/2013	1010	-0.18	-0.01	0.0	0	11.2	5.5	0.7	77.5	60.5	17.0	
VMP-6-39	2/25/2013	1455	0.13	0.20	0.0	0	11.4	4.6	0.4	10.1	0.0	10.1	
VMP-6-39	3/20/2013	1615	-0.26	-0.30	0.0	0	10.1	6.8	0.6	19.2	0.0	19.2	
VMP-6-39	4/24/2013	1111	-0.97	-0.88	0.0	0	8.9	10.5	0.3	3.0	0.0	3.0	
VMP-6-39	5/23/2013	919	-0.90	-1.01	0.0	0	7.5	12.8	0.4	0.8	0.0	0.8	
VMP-6-39	6/25/2013	1600	-0.18	-0.06	0.0	0	6.2	14.5	0.6	0.5	0.0	0.5	
VMP-6-39	7/24/2013	1514	-0.46	-0.42	0.0	0	5.0	15.8	0.7	0.3	0.0	0.3	
VMP-6-39	8/29/2013	1502	-0.44	-0.49	0.0	0	3.7	16.9	0.6	0.8	0.0	0.8	
VMP-6-39	9/25/2013	1449	-0.51	-0.58	0.0	0	4.2	16.8	0.9	0.7	0.0	0.7	
VMP-6-39	10/24/2013	0949	-0.62	-0.47	0.0	0	4.3	16.7	0.3	1.3	0.0	1.3	
VMP-6-39	11/20/2013	1308	-0.59	-0.38	0.0	0	4.9	16.3	0.4	0.4	0.0	0.4	
VMP-6-39	12/19/2013	0929	-0.70	-0.49	0.0	0	5.7	15.2	0.8	2.6	0.0	2.6	
VMP-6-39	1/30/2014	1050	-0.19	-0.23	0.0	0	6.3	13.3	0.4	177	172.0	5	Resampled due to elevated readings.
VMP-6-39	1/31/2014	1100	-0.55	NM	0.0	0	6.1	13.8	0.2	1.23	0.0	1.23	Resample.
VMP-6-39	2/19/2014	1511	-0.08	-0.13	0.0	0	6.6	13.4	1.2	0.82	0.0	0.82	
VMP-6-39	3/20/2014	1311	0.08	0.11	0.0	0	5.4	15.1	1.1	1.65	0.0	1.65	
VMP-6-39	4/24/2014	1202	-0.10	0.42	0.0	0	5.4	12.6	1.0	1.02	0.0	1.02	
VMP-6-39	5/22/2014	1510	-0.16	-0.09	0.0	0	6.5	11.3	0.6	0.05	0.0	0.05	
VMP-6-39	6/18/2014	1453	0.00	0.06	0.0	0	6.6	12.4	1.4	0.31	0.0	0.31	
VMP-6-39	7/24/2014	1353	-0.05	0.00	0.0	0	7.0	12.3	3.0	0.95	0.0	0.95	
VMP-6-39	8/20/2014	1000	-0.07	-0.42	0.0	0	7.0	13.1	1.2	0.18	0.0	0.18	
VMP-6-39	9/17/2014	0953	-0.42	0.00	0.0	0	6.9	14.7	0.9	1.14	0.0	1.14	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-6-39	10/22/2014	0936	-0.44	-0.29	0.0	0	6.2	14.9	0.7	0.68	0.0	0.68	
VMP-6-39	11/20/2014	1345	-0.12	-0.22	0.0	0	6.1	15.1	0.9	2.72	0.0	2.72	
VMP-6-39	12/18/2014	1131	-0.35	0.00	0.0	0	5.9	15.5	0.6	0.12	0.0	0.12	
VMP-6-39-Dup	12/18/2014	0000	NM	NM	0.0	0	6.0	15.3	0.6	0.06	0.0	0.06	Duplicate sample.
VMP-6-39	1/29/2015	1549	-0.62	-0.65	0.0	0	5.5	15.6	1.4	0.3	0.0	0.3	
VMP-6-39	2/26/2015	1055	-0.66	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-6-39	3/26/2015	1138	-0.48	-0.56	0.0	0	5.7	13.6	0.5	0.3	0.0	0.3	
VMP-6-39	4/22/2015	1535	-0.29	-0.32	0.0	0	6.0	13.1	0.6	0.0	0.0	0.0	
VMP-6-39	5/21/2015	1010	-0.42	-0.32	0.0	0	5.7	13.7	0.4	0.8	0.0	0.8	
VMP-6-39-Dup	5/21/2015	1010	NM	NM	0.0	0	5.7	13.7	0.4	0.7	0.0	0.7	Duplicate sample.
VMP-6-39	6/18/2015	1330	-0.39	-0.37	0.0	0	5.4	14.8	0.5	0.0	0.0	0.0	
VMP-6-39	7/23/2015	1124	-0.39	-0.39	0.0	0	5.3	15.3	0.3	0.0	0.0	0.0	
VMP-6-39	8/20/2015	0925	-0.51	-0.45	0.0	0	5.2	15.4	0.3	0.0	0.0	0.0	
VMP-6-39	9/17/2015	0910	-0.25	-0.17	0.0	0	5.0	15.5	0.7	0.0	0.0	0.0	
VMP-6-39	10/22/2015	0927	-0.42	-0.32	0.0	0	4.9	15.9	0.4	14.4	12.5	1.9	
VMP-6-39	11/24/2015	1040	-0.42	-0.34	0.1	1	4.9	16.4	2.4	324	314	10.0	
VMP-6-39	12/17/2015	1515	0.00	-0.09	0.2	4	4.7	16.8	9.3	1241	1213	28.0	
VMP-6-39	1/21/2016	1352	0.00	0.13	0.0	0	4.3	16.9	0.0	0.0	0.0	0.0	
VMP-6-39-Dup	1/21/2016	1352	NM	NM	0.0	0	4.3	16.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-39	2/18/2016	1230	0.24	0.34	0.0	0	4.1	17.2	0.4	0.0	0.0	0.0	
VMP-6-39	3/23/2016	1110	-0.39	-0.33	0.0	0	3.9	17.6	0.4	0.0	0.0	0.0	
VMP-6-39-Dup	3/23/2016	1110	NM	NM	0.0	0	4.0	17.5	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-6-39	4/21/2016	1410	0.00	0.0	0.0	0	3.8	18.0	0.0	0.0	0.0	0.0	
VMP-6-39	5/18/2016	1355	0.00	-0.36	0.0	0	3.7	18.1	0.3	0.0	0.0	0.0	
VMP-6-39	6/21/2016	1605	-0.12	0.00	0.0	0	3.1	18.1	0.5	0.0	0.0	0.0	
VMP-6-39	7/21/2016	0841	-0.19	-0.23	0.0	0	3.4	17.7	0.0	0.0	0.0	0.0	
VMP-6-39-Dup	7/21/2016	0841	NM	NM	0.0	0	3.3	17.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-39	8/24/2016	1548	0.00	-0.19	0.0	0	3.1	17.8	0.0	0.0	0.0	0.0	
VMP-6-39	9/22/2016	0858	-0.13	-0.09	0.0	0	3.6	17.1	0.0	0.0	0.0	0.0	
VMP-6-39-Dup	9/22/2016	0858	NM	NM	0.0	0	3.6	17.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-6-39	10/21/2016	0919	-0.35	-0.34	0.0	0	3.7	17.4	0.0	0.0	0.0	0.0	
VMP-6-39	11/16/2016	1348	0.00	0.00	0.0	0	3.8	17.3	0.2	0.0	0.0	0.0	
VMP-6-39	12/22/2016	0855	2.11	2.09	0.0	0	4.0	17.1	0.0	0.0	0.0	0.0	Initial vacuum measured at -1.65 inwc on 12/28/2016.
VMP-6-39-Dup	12/22/2016	0855	NM	NM	0.0	0	4.1	16.9	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-7-5	2/6/2012	1039	-0.14	-0.08	0.0	0	5.6	16.3	1.6	0.5	0.0	0.5	
VMP-7-5	2/7/2012	1028	-0.11	-0.12	0.0	0	3.7	19.8	4.0	6.6	0.0	6.6	
VMP-7-5	2/8/2012	921	-0.18	-0.19	0.0	0	2.5	20.3	2.0	2.7	0.0	2.7	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-7-5	2/15/2012	1410	-0.02	-0.19	0.0	0	0.8	20.8	1.2	4.7	0.0	4.7	
VMP-7-5	2/22/2012	1029	-0.05	0.00	0.0	0	0.6	20.9	1.2	9.2	7.9	1.3	
VMP-7-5	2/29/2012	1023	-0.08	-0.07	0.0	0	1.5	18.9	1.5	1.4	0.0	1.4	
VMP-7-5	3/21/2012	1029	-0.04	-0.02	0.0	0	0.9	19.5	0.8	0.0	0.0	0.0	
VMP-7-5	4/18/2012	1023	-0.09	-0.23	0.0	0	0.5	20.5	0.9	4.7	0.0	4.7	
VMP-7-5	5/16/2012	1407	-0.04	-0.05	0.0	0	0.2	20.6	1.0	1.8	0.0	1.8	
VMP-7-5	6/20/2012	945	-0.03	-0.04	0.0	0	0.4	20.3	0.4	2.2	0.0	2.2	
VMP-7-5	7/18/2012	1324	0.00	0.00	0.0	0	0.3	20.3	0.5	3.5	0.0	3.5	
VMP-7-5	8/15/2012	902	-0.05	-0.23	0.0	0	0.5	20.4	0.5	3.9	0.0	3.9	
VMP-7-5	9/19/2012	1426	0.00	-0.03	0.0	0	0.3	20.6	0.6	3.0	0.0	3.0	
VMP-7-5	10/17/2012	1025	-0.16	-0.11	0.0	0	0.3	20.5	0.3	1.3	0.0	1.3	
VMP-7-5	11/20/2012	1325	-0.06	-0.11	0.0	0	0.3	20.5	0.1	0.3	0.0	0.3	
VMP-7-5	12/19/2012	1247	-0.02	-0.01	0.0	0	0.3	20.7	0.1	0.9	0.0	0.9	
VMP-7-5	1/16/2013	1023	-0.02	-0.03	0.0	0	0.0	20.9	0.1	2.0	0.0	2.0	
VMP-7-5	2/26/2013	1437	-0.63	-2.55	0.0	0	1.6	17.9	0.2	4.0	0.0	4.0	
VMP-7-5	3/21/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Unable to sample. Stainless steel tubing broken.
VMP-7-5	4/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Unable to sample. Stainless steel tubing broken.
VMP-7-5	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-7-5	6/26/2013	1054	-0.07	-0.06	0.0	0	0.5	20.3	1.0	2.9	0.0	2.9	
VMP-7-5	7/25/2013	1042	-0.18	-0.12	0.0	0	0.4	20.4	0.4	1.3	0.0	1.3	
VMP-7-5	8/29/2013	1023	-0.16	-0.16	0.0	0	0.2	20.6	0.3	9.1	2.9	6.2	
VMP-7-5	9/25/2013	1503	-0.15	-0.17	0.0	0	0.3	20.6	0.9	0.3	0.0	0.3	
VMP-7-5	10/24/2013	1032	-0.04	-0.12	0.0	0	0.2	20.5	0.2	0.6	0.0	0.6	
VMP-7-5	11/21/2013	0752	-0.11	-0.08	0.0	0	0.2	20.7	0.4	0.9	0.0	0.9	
VMP-7-5	12/19/2013	0900	-0.08	-0.04	0.0	0	0.2	20.9	0.5	0.7	0.0	0.7	
VMP-7-5	1/30/2014	1016	-0.06	0.00	0.0	0	0.2	20.8	0.2	1.09	0.0	1.09	
VMP-7-5	2/25/2014	1324	0.00	0.00	0.0	0	0.1	20.9	0.8	1.46	0.0	1.46	
VMP-7-5	3/20/2014	0817	0.00	0.00	0.0	0	0.2	20.8	0.8	0.91	0.0	0.91	
VMP-7-5	4/24/2014	1427	0.08	0.08	0.0	0	0.5	20.5	0.8	1.76	0.0	4.36	
VMP-7-5	5/22/2014	1055	-0.10	-0.13	0.0	0	0.4	20.2	1.1	1.79	0.0	1.79	
VMP-7-5	6/19/2014	1150	-0.11	0.00	0.0	0	1.0	20.0	2.2	1.79	0.0	1.79	
VMP-7-5	7/24/2014	0900	-0.07	-0.05	0.0	0	1.4	19.5	1.5	1.68	0.0	1.68	
VMP-7-5	8/21/2014	0900	-0.10	-0.06	0.0	0	1.2	19.8	2.0	1.22	0.0	1.22	
VMP-7-5	9/17/2014	1432	0.00	0.00	0.0	0	1.1	20.0	1.6	2.71	0.0	2.71	
VMP-7-5	10/22/2014	1517	0.00	0.00	0.0	0	0.6	20.6	1.7	0.29	0.0	0.29	
VMP-7-5	11/20/2014	1414	-0.03	-0.05	0.0	0	0.3	20.6	0.9	0.67	0.0	0.67	
VMP-7-5	12/17/2014	1550	-0.10	0.00	0.0	0	0.2	20.7	1.8	0.79	0.0	0.79	
VMP-7-5	1/30/2015	0940	0.00	0.00	0.0	0	0.1	20.7	1.5	0.6	0.0	0.6	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-7-5	2/26/2015	1028	0.00	0.00	0.0	0	0.2	20.9	0.6	0.3	0.0	0.3	
VMP-7-5	3/26/2015	1017	-0.20	-0.12	0.0	0	0.2	20.7	0.8	0.4	0.0	0.4	
VMP-7-5	4/22/2015	1506	0.00	0.00	0.0	0	0.4	20.6	0.7	0.2	0.0	0.2	
VMP-7-5	5/20/2015	1530	-0.09	-0.09	0.0	0	0.6	20.3	0.2	0.6	0.0	0.6	
VMP-7-5	6/17/2015	1300	-0.13	-0.15	0.0	0	0.9	20.3	0.4	0.0	0.0	0.0	
VMP-7-5	7/23/2015	1135	0.00	0.00	0.0	0	0.9	20.0	0.2	0.0	0.0	0.0	
VMP-7-5	8/20/2015	0845	-0.24	-0.12	0.0	0	1.0	19.9	0.3	0.0	0.0	0.0	
VMP-7-5	9/16/2015	1520	-0.14	-0.23	0.0	0	0.9	20.1	0.2	0.0	0.0	0.0	
VMP-7-5	10/22/2015	0822	-0.21	-0.19	0.0	0	0.6	20.3	0.6	0	0.0	0.0	
VMP-7-5	11/24/2015	0950	-0.13	-0.09	0.0	0	0.3	20.8	0.1	0	0.0	0.0	
VMP-7-5	12/17/2015	0915	-0.34	0.00	0.0	0	0.2	20.8	0.2	0	0.0	0.0	
VMP-7-5	1/22/2016	0945	-13.83	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-7-5	2/18/2016	1115	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-7-5	3/23/2016	1130	0.00	0.00	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-7-5	4/21/2016	1135	-0.04	-0.03	0.0	0	0.3	20.6	2.2	0.2	0.0	0.2	
VMP-7-5	5/18/2016	1245	-0.07	-0.09	0.0	0	0.4	20.6	4.9	1.1	0.0	1.1	
VMP-7-5	6/21/2016	1455	0.00	0.00	0.0	0	0.6	20.4	0.7	1.4	0.0	1.4	
VMP-7-5	7/20/2016	1526	0.00	0.00	0.0	0	0.9	20.0	0.8	0.0	0.0	0.0	
VMP-7-5	8/24/2016	1208	0.00	0.00	0.0	0	0.9	19.9	0.0	0.0	0.0	0.0	
VMP-7-5	9/21/2016	1525	0.00	0.0	0.0	0	1.1	19.8	0.4	0.0	0.0	0.0	
VMP-7-5	10/21/2016	0844	-0.10	0.00	0.0	0	1.2	19.9	0.0	0.0	0.0	0.0	
VMP-7-5	11/16/2016	1412	0.00	0.00	0.0	0	1.0	19.9	0.1	0.0	0.0	0.0	
VMP-7-5	12/22/2016	1401	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-7-13.5	2/6/2012	1045	-0.32	-0.14	0.0	1	6.2	15.4	1.2	0.0	0.0	0.0	
VMP-7-13.5	2/7/2012	1049	-0.20	-0.24	0.0	0	4.4	18.6	4.2	4.6	0.0	4.6	
VMP-7-13.5	2/8/2012	926	-0.35	-0.36	0.0	0	2.8	19.8	1.9	1.5	0.0	1.5	
VMP-7-13.5	2/15/2012	1411	-0.04	-0.30	0.0	0	1.2	20.1	1.2	4.9	0.0	4.9	
VMP-7-13.5	2/22/2012	1035	-0.08	-0.30	0.0	0	1.1	20.1	1.3	6.9	0.0	6.9	
VMP-7-13.5	2/29/2012	1027	-0.15	-0.16	0.0	0	1.8	18.9	1.4	0.9	0.0	0.9	
VMP-7-13.5	3/21/2012	1033	-0.09	-0.02	0.0	0	1.0	19.3	1.0	0.0	0.0	0.0	
VMP-7-13.5	4/18/2012	1026	-0.18	-0.15	0.0	0	0.6	20.3	0.8	4.1	0.0	4.1	
VMP-7-13.5	5/16/2012	1413	-0.18	-0.19	0.0	0	0.8	20.1	0.9	0.0	0.0	0.0	
VMP-7-13.5	6/20/2012	946	-0.18	-0.18	0.0	0	0.9	19.9	0.5	1.4	0.0	1.4	
VMP-7-13.5	7/18/2012	1325	-0.02	0.00	0.0	0	1.2	19.5	0.7	2.5	0.0	2.5	
VMP-7-13.5	8/15/2012	906	-0.17	-0.17	0.0	0	1.2	19.9	0.5	2.5	0.0	2.5	
VMP-7-13.5	9/19/2012	1429	-0.14	-0.12	0.0	0	0.7	20.2	0.5	1.8	0.0	1.8	
VMP-7-13.5	10/17/2012	1026	-0.27	-0.25	0.0	0	0.6	20.4	0.6	0.7	0.0	0.7	
VMP-7-13.5	11/20/2012	1328	-0.18	-0.24	0.0	0	0.3	20.5	0.2	0.5	0.0	0.5	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-7-13.5	12/19/2012	1248	0.02	-0.01	0.0	0	0.3	20.5	0.3	0.1	0.0	0.1	
VMP-7-13.5	1/16/2013	1328	0.00	-1.09	0.0	0	0.0	20.9	0.1	2.4	0.0	2.4	
VMP-7-13.5	2/25/2013	1438	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Unable to sample. Stainless steel tubing broken.
VMP-7-13.5	3/21/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Unable to sample. Stainless steel tubing broken.
VMP-7-13.5	4/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Unable to sample. Stainless steel tubing broken.
VMP-7-13.5	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-7-13.5	6/26/2013	1101	-0.12	-0.09	0.0	0	0.9	20.0	1.1	2.0	0.0	2.0	
VMP-7-13.5	7/25/2013	1046	-0.39	-0.57	0.0	0	0.9	20.1	0.4	1.4	0.0	1.4	
VMP-7-13.5	8/29/2013	1024	-0.24	0.00	0.0	0	0.5	20.3	0.5	1.0	0.0	1.0	
VMP-7-13.5	9/25/2013	1507	0.19	-0.45	0.0	0	0.4	20.6	1.0	0.3	0.0	0.3	
VMP-7-13.5	10/24/2013	1037	-0.20	-0.22	0.0	0	0.3	20.3	0.2	1.0	0.0	1.0	
VMP-7-13.5	11/21/2013	0757	-0.37	-0.27	0.0	0	0.2	20.7	0.4	0.4	0.0	0.4	
VMP-7-13.5	12/19/2013	0904	-0.37	-0.12	0.0	0	0.2	20.9	0.3	0.1	0.0	0.1	
VMP-7-13.5	1/30/2014	1018	-0.11	0.00	0.0	0	0.2	20.8	0.2	0.89	0.0	0.89	
VMP-7-13.5	2/25/2014	1330	0.04	0.00	0.0	0	0.3	20.9	0.8	1.07	0.0	1.07	
VMP-7-13.5	3/20/2014	0818	0.00	-0.08	0.0	0	0.2	20.8	1.0	1.17	0.0	1.17	
VMP-7-13.5	4/24/2014	1428	0.25	0.17	0.0	0	0.5	20.4	1.0	1.67	0.0	1.67	
VMP-7-13.5	5/22/2014	1055	-0.19	-0.26	0.0	0	0.8	20.3	1.2	1.87	0.0	1.87	
VMP-7-13.5	6/19/2014	1152	-0.26	-0.06	0.0	0	1.3	19.8	3.0	2.42	0.0	2.42	
VMP-7-13.5	7/24/2014	0900	-0.17	-0.12	0.0	0	1.7	19.3	1.7	1.45	0.0	1.45	
VMP-7-13.5	8/21/2014	0905	-0.25	-0.14	0.0	0	1.5	19.5	1.8	0.99	0.0	0.99	
VMP-7-13.5	9/17/2014	1433	0.00	0.00	0.0	0	1.5	19.6	0.9	1.51	0.0	1.51	
VMP-7-13.5	10/22/2014	1517	-0.05	-0.05	0.0	0	0.8	20.4	1.8	0.71	0.0	0.71	
VMP-7-13.5	11/20/2014	1414	-0.09	-0.12	0.0	0	0.5	20.4	1.0	0.42	0.0	0.42	
VMP-7-13.5	12/17/2014	1554	-0.29	-0.13	0.0	0	0.3	20.7	1.4	0.62	0.0	0.62	
VMP-7-13.5-Dup	12/17/2014	0000	NM	NM	0.0	0	0.3	20.7	1.3	1.09	0.0	1.09	Duplicate sample.
VMP-7-13.5	1/30/2015	0945	0.00	0.00	0.0	0	0.2	20.7	1.4	0.7	0.0	0.7	
VMP-7-13.5	2/26/2015	1028	-0.67	-0.28	0.0	0	0.2	20.9	0.6	0.2	0.0	0.2	
VMP-7-13.5	3/26/2015	1017	-0.13	-0.25	0.0	0	0.2	20.6	0.8	0.6	0.0	0.6	
VMP-7-13.5	4/22/2015	1507	-0.16	-0.20	0.0	0	0.5	20.5	0.9	0.0	0.0	0.0	
VMP-7-13.5	5/20/2015	1535	-0.72	-1.13	0.0	0	0.8	20.2	0.3	0.8	0.0	0.8	
VMP-7-13.5	6/17/2015	1304	-0.14	-0.21	0.0	0	1.2	20.0	0.6	0.0	0.0	0.0	
VMP-7-13.5	7/23/2015	1139	-0.24	-0.18	0.0	0	1.4	19.7	0.4	0.0	0.0	0.0	
VMP-7-13.5	8/20/2015	0850	-0.33	-0.25	0.0	0	1.4	19.5	0.4	0.0	0.0	0.0	
VMP-7-13.5	9/16/2015	1525	-0.37	-0.09	0.0	0	1.3	19.8	0.4	0.0	0.0	0.0	
VMP-7-13.5	10/22/2015	0827	-0.19	-0.17	0.0	0	0.8	20.1	0.5	0.0	0.0	0.0	
VMP-7-13.5	11/24/2015	0955	-0.29	-0.22	0.0	0	0.4	20.7	0.1	0	0.0	0.0	
VMP-7-13.5	12/17/2015	0920	-0.19	-0.43	0.0	0	0.2	20.7	0.3	0.2	0.0	0.2	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-7-13.5	1/22/2016	0950	0.71	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-7-13.5	2/18/2016	1120	-0.10	-0.16	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-7-13.5	3/23/2016	1135	-0.24	-0.54	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-7-13.5	4/21/2016	1140	-0.12	-0.06	0.0	0	0.3	20.5	1.9	0.0	0.0	0.0	
VMP-7-13.5	5/18/2016	1250	-0.53	-0.20	0.0	0	0.7	20.4	3.4	0.4	0.0	0.4	
VMP-7-13.5	6/21/2016	1500	0.00	0.00	0.0	0	1.0	20.0	0.5	0.3	0.0	0.3	
VMP-7-13.5	7/20/2016	1527	-0.27	0.00	0.0	0	1.1	19.8	0.4	0.0	0.0	0.0	
VMP-7-13.5	8/24/2016	1209	0.00	-0.18	0.0	0	1.1	19.6	0.0	0.0	0.0	0.0	
VMP-7-13.5	9/21/2016	1525	0.00	0.00	0.0	0	1.4	19.5	0.3	0.0	0.0	0.0	
VMP-7-13.5	10/21/2016	0847	-0.20	-0.21	0.0	0	1.4	19.8	0.1	0.0	0.0	0.0	
VMP-7-13.5	11/16/2016	1413	0.00	0.00	0.0	0	1.6	19.2	0.0	0.0	0.0	0.0	
VMP-7-13.5	12/22/2016	1402	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-7-29.5	2/6/2012	1049	-0.60	-0.24	3.4	69	16.1	1.0	179	12300	8000	4300	
VMP-7-29.5	2/7/2012	1039	-0.38	-0.54	2.5	50	16.0	1.2	161	5470	4230	1240	
VMP-7-29.5	2/8/2012	930	-0.46	-0.10	1.3	26	16.2	0.8	136	3830	2980	850	
VMP-7-29.5	2/15/2012	1412	0.12	-0.21	0.3	7	15.1	1.2	76.2	1030	805	225	
VMP-7-29.5	2/22/2012	1039	0.08	-0.07	0.0	0	13.5	2.9	15.0	161	95.1	66.1	
VMP-7-29.5	2/29/2012	1031	-0.20	-0.21	0.0	0	11.6	5.5	17.6	85.2	62.7	22.5	
VMP-7-29.5	3/21/2012	1036	-0.01	-0.03	0.0	0	10.9	5.4	19.4	385	262	123	
VMP-7-29.5	4/18/2012	1030	-0.23	-0.18	0.0	0	8.1	12.2	1.2	10.2	5.4	4.8	
VMP-7-29.5	5/16/2012	1417	-0.22	-0.22	0.0	0	6.3	15.2	2.0	1.5	0.0	1.5	
VMP-7-29.5	6/20/2012	947	-0.21	-0.23	0.0	0	5.8	15.8	0.9	2.7	0.0	2.7	
VMP-7-29.5	7/18/2012	1326	-0.02	0.00	0.0	0	5.1	16.4	1.2	4.2	0.0	4.2	
VMP-7-29.5	8/15/2012	911	-0.22	-0.23	0.0	0	5.5	16.2	0.8	10.2	9.3	0.8	
VMP-7-29.5	9/19/2012	1429	-0.18	-0.15	0.0	0	4.8	16.5	0.7	4.8	0.0	4.8	
VMP-7-29.5	10/17/2012	1026	-0.34	-0.31	0.0	0	4.5	17.0	0.4	2.3	0.0	2.3	
VMP-7-29.5	11/20/2012	1331	-0.25	-0.31	0.0	0	3.8	17.1	0.5	1.5	0.0	1.5	
VMP-7-29.5	12/19/2012	1249	-0.18	-0.02	0.0	0	4.2	17.2	0.2	3.5	0.0	3.5	
VMP-7-29.5	1/16/2013	1332	-0.16	-0.06	0.0	0	1.3	19.5	0.2	18.0	13.1	4.9	
VMP-7-29.5	2/26/2013	1440	0.00	-0.30	0.0	0	3.8	16.2	0.2	3.0	0.0	3.0	
VMP-7-29.5	3/20/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during sampling.
VMP-7-29.5	4/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Unable to sample. Stainless steel tubing broken.
VMP-7-29.5	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-7-29.5	6/26/2013	1106	-0.07	-0.11	0.0	0	2.5	18.6	0.9	1.7	0.0	1.7	
VMP-7-29.5	7/25/2013	1100	-0.50	-0.34	0.0	0	2.5	18.6	0.5	0.3	0.0	0.3	
VMP-7-29.5	8/29/2013	1025	-0.30	-0.50	0.0	0	2.3	18.7	0.4	3.9	0.0	3.9	
VMP-7-29.5	9/25/2013	1510	-0.82	-0.56	0.0	0	2.4	18.9	0.9	0.3	0.0	0.3	
VMP-7-29.5	10/24/2013	1041	-0.37	-0.28	0.0	0	1.7	19.3	0.2	0.4	0.0	0.4	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-7-29.5	11/21/2013	0802	-0.37	-0.35	0.0	0	1.4	19.7	0.5	0.4	0.0	0.4	
VMP-7-29.5	12/19/2013	0908	-0.15	-0.16	0.0	0	1.7	19.6	0.3	0.1	0.0	0.1	
VMP-7-29.5	1/30/2014	1018	0.00	0.00	0.0	0	1.9	19.3	0.3	0.8	0.0	0.8	
VMP-7-29.5	2/25/2014	1335	0.32	-0.03	0.0	0	1.8	19.5	1.0	1.86	0.0	1.86	
VMP-7-29.5	3/20/2014	0820	-0.31	-0.10	0.0	0	1.9	19.1	1.0	1.25	0.0	1.25	
VMP-7-29.5	4/24/2014	1429	0.34	0.27	0.0	0	1.9	17.9	1.2	4.17	0.0	4.17	
VMP-7-29.5	5/22/2014	1056	-0.78	-1.20	0.0	0	1.8	18.5	1.1	1.47	0.0	1.47	
VMP-7-29.5	6/19/2014	1154	-0.38	-0.06	0.0	0	1.9	18.8	2.5	2.24	0.0	2.24	
VMP-7-29.5	7/24/2014	0900	-0.21	-0.16	0.0	0	2.4	18.1	1.5	1.29	0.0	1.29	
VMP-7-29.5	8/21/2014	0910	-0.32	-0.18	0.0	0	2.5	18.4	1.9	0.77	0.0	0.77	
VMP-7-29.5	9/17/2014	1434	0.00	-0.03	0.0	0	2.8	18.3	1.1	1.95	0.0	1.95	
VMP-7-29.5	10/22/2014	1518	-0.08	-0.07	0.0	0	2.7	18.7	1.8	0.55	0.0	0.55	
VMP-7-29.5	11/20/2014	1416	-0.14	-0.15	0.0	0	2.3	19.1	0.8	0.58	0.0	0.58	
VMP-7-29.5	12/17/2014	1600	-0.36	-0.17	0.0	0	1.8	19.5	1.2	0.95	0.0	0.95	
VMP-7-29.5	1/30/2015	0950	-0.19	0.00	0.0	0	1.4	19.7	1.7	0.8	0.0	0.8	
VMP-7-29.5	2/26/2015	1028	-0.38	-0.33	0.0	0	1.4	19.9	0.7	0.3	0.0	0.3	
VMP-7-29.5	3/26/2015	1018	-0.50	-0.28	0.0	0	1.2	19.2	0.8	1.6	0.0	1.6	
VMP-7-29.5	4/22/2015	1508	-0.22	-0.25	0.0	0	1.2	19.4	0.8	0.6	0.0	0.6	
VMP-7-29.5	5/20/2015	1540	-0.48	-0.56	0.0	0	1.2	19.6	0.3	1.4	0.0	1.4	
VMP-7-29.5	6/17/2015	1308	-0.32	-0.20	0.0	0	1.4	19.5	0.4	0.0	0.0	0.0	
VMP-7-29.5	7/23/2015	1143	-0.32	-0.20	0.0	0	1.8	18.9	0.3	0.0	0.0	0.0	
VMP-7-29.5	8/20/2015	0855	-0.21	0.00	0.0	0	1.9	19.0	0.4	0.0	0.0	0.0	
VMP-7-29.5	9/16/2015	1530	-0.34	-0.10	0.0	0	2.0	19.1	0.3	0.0	0.0	0.0	
VMP-7-29.5	10/22/2015	0832	-0.96	-0.24	0.0	0	1.8	19.0	0.8	0	0.0	0.0	
VMP-7-29.5	11/24/2015	1000	-0.38	-0.27	0.0	0	1.7	19.7	0.1	0	0.0	0.0	
VMP-7-29.5	12/17/2015	0925	-0.78	-0.46	0.0	0	1.4	19.8	0.2	0	0.0	0.0	
VMP-7-29.5	1/22/2016	0955	-0.43	-0.21	0.0	0	1.3	19.9	0.0	0.0	0.0	0.0	
VMP-7-29.5	2/18/2016	1125	0.00	-0.12	0.0	0	1.1	20.0	0.5	0.0	0.0	0.0	
VMP-7-29.5	3/23/2016	1140	-0.17	-0.22	0.0	0	0.9	20.1	0.5	0.0	0.0	0.0	
VMP-7-29.5	4/21/2016	1145	-0.16	-5.09	0.0	0	1.1	19.8	2.1	0.4	0.0	0.4	
VMP-7-29.5	5/18/2016	1255	-0.26	-0.26	0.0	0	1.1	19.9	4.8	1.6	0.0	1.6	
VMP-7-29.5	6/21/2016	1505	0.00	0.00	0.0	0	1.2	19.6	0.4	1.1	0.0	1.1	
VMP-7-29.5	7/20/2016	1528	0.00	0.00	0.0	0	1.7	19.2	0.4	0.0	0.0	0.0	
VMP-7-29.5	8/24/2016	1210	-1.15	-0.65	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-7-29.5	8/25/2016	1444	0.00	NM	0.0	0	2.1	18.6	0.3	0.0	0.0	0.0	Resample.
VMP-7-29.5	9/21/2016	1527	0.00	0.00	0.0	0	2.3	18.6	0.2	0.0	0.0	0.0	
VMP-7-29.5	10/21/2016	0850	-0.34	-0.58	0.0	0	2.5	18.5	0.0	0.0	0.0	0.0	
VMP-7-29.5	11/16/2016	1414	0.00	0.00	0.0	0	2.3	18.8	0.1	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-7-29.5	12/22/2016	1403	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-7-38	2/6/2012	1054	-0.32	-0.16	5.9	OVR	16.0	1.2	232	11490	11070	420	
VMP-7-38	2/7/2012	1044	-0.24	-0.28	5.6	OVR	15.9	1.4	259	7940	5800	2140	
VMP-7-38	2/8/2012	935	-0.42	-0.44	2.5	57	15.6	1.7	214	6980	4460	2520	
VMP-7-38	2/15/2012	1413	-0.02	-0.36	0.0	1	13.6	1.8	16.2	715	696	19.4	
VMP-7-38	2/22/2012	1044	-0.08	0.00	0.2	5	14.9	1.0	78.7	395	145	250	
VMP-7-38	2/29/2012	1035	-0.18	0.00	0.3	7	14.3	1.0	87.1	403	110	293	
VMP-7-38	3/21/2012	1040	-0.12	-0.04	0.0	0	13.0	2.5	26.8	416	284	132	
VMP-7-38	4/18/2012	1110	-0.21	-0.10	0.0	0	7.0	13.0	6.8	11.0	6.0	5.0	
VMP-7-38	5/16/2012	1422	-0.03	-0.06	0.0	0	0.5	20.4	0.7	0.5	0.0	0.5	
VMP-7-38	6/20/2012	948	-0.06	-0.06	0.0	0	0.8	20.0	0.4	3.5	0.0	3.5	
VMP-7-38	7/18/2012	1327	0.00	0.00	0.0	0	0.1	20.7	1.0	4.7	0.0	4.7	
VMP-7-38	8/15/2012	916	-0.04	-0.04	0.0	0	0.4	20.5	0.6	3.7	0.0	3.7	
VMP-7-38	9/19/2012	1429	-0.23	-0.03	0.0	0	0.5	20.1	0.7	3.4	0.0	3.4	
VMP-7-38	10/17/2012	1030	0.00	-0.13	0.0	0	0.8	20.1	0.6	2.2	0.0	2.2	
VMP-7-38	11/20/2012	1334	-0.16	-0.17	0.0	0	3.2	18.0	0.4	2.8	0.0	2.8	
VMP-7-38	12/19/2012	1250	-0.03	0.00	0.0	0	0.9	20.2	0.1	1.8	0.0	1.8	
VMP-7-38	1/16/2013	1336	-1.63	-0.03	0.0	0	1.1	19.7	0.2	4.8	0.0	4.8	
VMP-7-38	2/26/2013	1441	-0.32	-0.36	0.0	0	0.5	20.2	0.1	2.0	0.0	2.0	
VMP-7-38	3/20/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during sampling.
VMP-7-38	4/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Unable to sample. Stainless steel tubing broken.
VMP-7-38	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-7-38	6/26/2013	1111	-0.06	-0.10	0.0	0	3.5	17.8	1.1	1.4	0.0	1.4	
VMP-7-38	7/25/2013	1104	-0.49	-0.34	0.0	0	3.5	17.7	0.6	0.3	0.0	0.3	
VMP-7-38	8/29/2013	1026	-0.50	-0.50	0.0	0	3.4	17.6	0.6	0.5	0.0	0.5	
VMP-7-38	9/25/2013	1514	-0.56	-0.56	0.0	0	3.5	18.0	0.8	0.3	0.0	0.3	
VMP-7-38	10/24/2013	1043	-0.26	-0.26	0.0	0	3.0	18.3	0.3	0.8	0.0	0.8	
VMP-7-38	11/21/2013	0807	-0.38	-0.38	0.0	0	2.7	18.6	0.5	0.3	0.0	0.3	
VMP-7-38	12/19/2013	0912	-0.30	-0.17	0.0	0	2.9	18.7	0.5	0.4	0.0	0.4	
VMP-7-38	1/30/2014	1019	-0.16	0.00	0.0	0	3.1	18.0	0.4	1.67	0.0	1.67	
VMP-7-38	2/25/2014	1340	0.06	0.00	0.0	0	3.0	18.6	1.1	2.56	0.0	2.56	
VMP-7-38	3/20/2014	0821	0.00	-0.11	0.0	0	3.1	17.8	1.1	1.56	0.0	1.56	
VMP-7-38	4/24/2014	1430	0.34	0.26	0.0	0	3.3	15.5	1.3	4.45	0.0	4.45	
VMP-7-38	5/22/2014	1056	-0.18	-0.34	0.0	0	3.1	17.2	1.3	1.49	0.0	1.49	
VMP-7-38	6/19/2014	1156	-0.11	-0.08	0.0	0	3.1	17.1	3.1	2.16	0.0	2.16	
VMP-7-38	7/24/2014	0900	-0.21	-0.15	0.0	0	3.1	17.4	1.7	1.67	0.0	1.67	
VMP-7-38	8/21/2014	0915	-0.32	-0.20	0.0	0	3.1	17.7	2.5	1.55	0.0	1.55	
VMP-7-38	9/17/2014	1435	0.00	-0.03	0.0	0	3.3	18.0	1.3	1.53	0.0	1.53	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-7-38	10/22/2014	1518	-0.08	-0.06	0.0	0	3.4	17.9	1.8	0.68	0.0	0.68	
VMP-7-38	11/20/2014	1416	-0.13	-0.15	0.0	0	3.1	18.2	1.0	0.81	0.0	0.81	
VMP-7-38	12/17/2014	1604	-0.37	-0.18	0.0	0	2.9	18.7	1.4	0.73	0.0	0.73	
VMP-7-38	1/30/2015	0955	-0.21	0.00	0.0	0	2.6	18.7	1.1	0.4	0.0	0.4	
VMP-7-38	2/26/2015	1028	-0.39	-0.32	0.0	0	2.6	18.2	0.7	0.5	0.0	0.5	
VMP-7-38	3/26/2015	1018	-0.51	-0.32	0.0	0	2.7	16.9	0.8	6.9	6.9	0.0	
VMP-7-38	4/22/2015	1509	-0.22	-0.26	0.0	0	2.7	17.7	0.9	1.9	0.0	1.9	
VMP-7-38	5/20/2015	1545	-0.34	-0.29	0.0	0	1.8	18.8	0.3	1.4	0.0	1.4	
VMP-7-38	6/17/2015	1312	0.26	-0.79	0.0	0	2.4	18.4	0.5	0.0	0.0	0.0	
VMP-7-38	7/23/2015	1147	-0.34	-0.26	0.0	0	2.6	18.2	0.4	0.0	0.0	0.0	
VMP-7-38	8/20/2015	0900	-0.43	-0.32	0.0	0	2.5	18.4	0.3	0.0	0.0	0.0	
VMP-7-38	8/20/2015	0000	NM	NM	0.0	0	2.5	18.2	0.3	0.0	0.0	0.0	
VMP-7-38	9/16/2015	1535	0.00	-0.09	0.0	0	2.6	18.5	0.4	0	0.0	0.0	
VMP-7-38	10/22/2015	0837	-0.22	-0.23	0.0	0	2.3	18.5	0.7	0	0.0	0.0	
VMP-7-38	11/24/2015	1005	-0.37	-0.27	0.0	0	2.6	19.0	0.1	0	0.0	0.0	
VMP-7-38	12/17/2015	0930	-0.46	-0.09	0.0	0	2.4	19.1	0.3	0	0.0	0.0	
VMP-7-38	1/22/2016	1000	-0.29	-0.22	0.0	0	2.0	19.0	0.0	0.0	0.0	0.0	
VMP-7-38	2/18/2016	1130	0.00	0.33	0.0	0	1.7	19.6	0.4	0.0	0.0	0.0	
VMP-7-38	3/23/2016	1145	-0.18	-0.19	0.0	0	1.5	19.7	0.6	0.0	0.0	0.0	
VMP-7-38-Dup	3/23/2016	1145	NM	NM	0.0	0	1.5	19.7	0.6	0.0	0.0	0.0	Duplicate sample.
VMP-7-38	4/21/2016	1150	-0.16	-0.08	0.0	0	1.5	19.4	2.4	0.0	0.0	0.0	
VMP-7-38	5/18/2016	1300	-0.27	-0.24	0.0	0	1.6	19.6	4.6	0.7	0.0	0.7	
VMP-7-38-Dup	5/18/2016	1305	-0.27	-0.24	0.0	0	1.6	19.6	3.7	0.7	0.0	0.7	Duplicate sample.
VMP-7-38	6/21/2016	1510	0.00	0.0	0.0	0	1.5	19.3	4.5	6.8	4.2	2.6	
VMP-7-38	7/20/2016	1529	0.00	0.00	0.0	0	1.3	19.7	1.8	0.0	0.0	0.0	
VMP-7-38	8/24/2016	1212	-0.25	-0.23	0.0	0	1.0	19.8	0.1	0.0	0.0	0.0	
VMP-7-38	9/21/2016	1528	0.00	0.0	0.0	0	2.7	18.1	0.3	0.0	0.0	0.0	
VMP-7-38	10/21/2016	0854	-0.23	-0.28	0.0	0	2.8	18.2	0.0	0.0	0.0	0.0	
VMP-7-38-Dup	10/21/2016	0854	NM	NM	0.0	0	2.8	18.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-7-38	11/16/2016	1415	0.00	0.00	0.0	0	3.0	17.9	0.1	0.0	0.0	0.0	
VMP-7-38	12/22/2016	1404	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-9-5	2/6/2012	1108	-0.02	0.00	0.0	0	2.0	19.0	1.2	1.0	0.0	1.0	
VMP-9-5	2/7/2012	1100	-0.50	0.00	0.0	0	1.4	19.9	1.8	0.3	0.0	0.3	
VMP-9-5	2/8/2012	949	-0.07	-0.01	0.0	0	0.9	20.6	0.5	0.0	0.0	0.0	
VMP-9-5	2/15/2012	1458	-0.03	-0.02	0.0	0	0.8	20.8	0.9	4.1	0.0	4.1	
VMP-9-5	2/22/2012	1127	0.00	0.00	0.0	0	1.0	20.5	1.2	4.3	0.0	4.3	
VMP-9-5	2/29/2012	1319	0.00	-0.05	0.0	0	1.5	19.7	1.5	20.7	1.4	19.3	
VMP-9-5	3/21/2012	1052	-0.01	-0.01	0.0	0	0.8	19.6	0.7	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-9-5	4/18/2012	1051	-0.01	0.00	0.0	0	0.3	20.6	0.4	3.0	0.0	3.0	
VMP-9-5	5/16/2012	1303	0.00	-0.04	0.0	0	0.4	20.4	0.7	0.0	0.0	0.0	
VMP-9-5	6/20/2012	906	0.00	-0.02	0.0	0	0.7	20.1	0.5	2.3	0.0	2.3	
VMP-9-5	7/18/2012	906	-0.02	NM	0.0	0	0.5	20.4	0.4	1.4	0.0	1.4	
VMP-9-5	8/15/2012	835	-0.04	-0.02	0.0	0	0.5	20.3	0.6	3.2	0.0	3.2	
VMP-9-5	9/19/2012	1131	-0.02	-0.02	0.0	0	0.7	20.1	0.5	1.6	0.0	1.6	
VMP-9-5	10/17/2012	1320	-0.01	0.00	0.0	0	0.3	20.5	0.6	0.8	0.0	0.8	
VMP-9-5	11/20/2012	1355	-0.04	-0.01	0.0	0	0.2	20.7	0.4	0.7	0.0	0.7	
VMP-9-5	12/19/2012	1208	-0.01	0.00	0.0	0	0.2	20.8	0.1	0.5	0.0	0.5	
VMP-9-5	1/16/2013	1046	-0.01	-0.02	0.0	0	0.1	20.8	0.1	0.8	0.0	0.8	
VMP-9-5	2/25/2013	953	-0.03	0.00	0.0	0	0.2	20.7	0.3	0.6	0.0	0.6	
VMP-9-5	3/20/2013	1443	-0.05	0.00	0.0	0	0.1	20.8	0.7	2.6	0.0	2.6	
VMP-9-5	4/24/2013	947	-0.12	-0.10	0.0	0	0.1	20.5	0.2	0.7	0.0	0.7	
VMP-9-5	5/22/2013	1554	-0.05	-0.05	0.0	0	0.2	20.4	0.6	1.7	0.0	1.7	
VMP-9-5	6/26/2013	1323	0.00	0.00	0.0	0	0.7	19.5	0.6	0.9	0.0	0.9	
VMP-9-5	7/25/2013	1110	-0.06	-0.05	0.0	0	0.3	20.5	0.3	0.7	0.0	0.7	
VMP-9-5	8/29/2013	1047	-0.06	-0.03	0.0	0	0.3	20.5	0.5	1.2	0.0	1.2	
VMP-9-5	9/25/2013	1447	-0.06	-0.06	0.0	0	0.3	20.6	0.3	0.6	0.0	0.6	
VMP-9-5	10/24/2013	0959	-0.09	-0.08	0.0	0	0.1	20.6	0.2	1.4	0.0	1.4	
VMP-9-5	11/21/2013	0835	-0.06	-0.05	0.0	0	0.1	20.8	0.5	1.4	0.0	1.4	
VMP-9-5	12/18/2013	1537	-0.13	-0.14	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-9-5	1/30/2014	0939	-0.03	-0.05	0.0	0	0.1	20.9	0.1	0.93	0.0	0.93	
VMP-9-5	2/19/2014	1454	-0.05	0.00	0.0	0	0.0	20.9	0.9	1.5	0.0	1.5	
VMP-9-5	3/20/2014	0847	0.00	0.00	0.0	0	0.1	20.9	0.7	0.59	0.0	0.59	
VMP-9-5	4/24/2014	1528	0.00	0.03	0.0	0	0.3	20.5	0.8	1.02	0.0	1.02	
VMP-9-5	5/22/2014	0939	-0.13	-0.08	0.0	0	0.2	20.7	1.0	1.56	0.0	1.56	
VMP-9-5	6/18/2014	1503	-0.05	-0.03	0.0	0	0.3	20.6	0.6	0.79	0.0	0.79	
VMP-9-5	7/23/2014	1331	0.00	-0.06	0.0	0	0.3	20.5	2.0	2.18	0.0	2.18	
VMP-9-5	8/20/2014	1025	-0.06	-0.07	0.0	0	0.3	20.9	1.3	0.35	0.0	0.35	
VMP-9-5	9/17/2014	1035	-0.10	0.00	0.0	0	0.3	20.6	0.7	0.91	0.0	0.91	
VMP-9-5	10/22/2014	1000	-0.12	-0.08	0.0	0	0.2	20.8	0.7	1.65	0.0	1.65	
VMP-9-5	11/19/2014	1545	-0.10	-0.06	0.0	0	0.1	20.9	1.0	0.77	0.0	0.77	
VMP-9-5	12/17/2014	1409	0.00	0.00	0.0	0	0.1	20.8	1.6	0.69	0.0	0.69	
VMP-9-5	1/30/2015	1102	0.00	0.00	0.0	0	0.1	20.8	1.4	0.9	0.0	0.9	
VMP-9-5	2/26/2015	0950	-0.09	0.00	0.0	0	0.1	20.8	0.8	0.3	0.0	0.3	
VMP-9-5	3/26/2015	0952	-0.10	0.00	0.0	0	0.3	20.4	0.6	1.1	0.0	1.1	
VMP-9-5	4/22/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-9-5	5/21/2015	0920	0.00	0.00	0.0	0	0.2	20.7	0.4	2.4	0.0	2.4	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-9-5	6/18/2015	1331	0.00	0.00	0.0	0	0.4	20.0	0.6	1.9	0.0	1.9	
VMP-9-5	7/22/2015	1350	0.00	0.00	0.0	0	0.3	20.7	0.4	1.0	0.0	1.0	
VMP-9-5	8/19/2015	1440	-0.15	-0.14	0.0	0	0.9	20.1	0.4	0.6	0.0	0.6	
VMP-9-5	9/16/2015	1400	0.00	0.0	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-9-5	10/21/2015	1336	-0.79	0.00	0.0	0	0.2	20.7	0.5	0	0.0	0.0	
VMP-9-5	11/24/2015	0910	-0.17	-0.12	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-9-5	12/16/2015	1244	0.00	0.00	0.0	0	0.1	20.7	0.2	0	0.0	0.0	
VMP-9-5	1/21/2016	1126	0.00	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-9-5	2/18/2016	1035	0.00	0.00	0.0	0	0.1	20.8	0.5	0.0	0.0	0.0	
VMP-9-5	3/22/2016	1400	0.00	0.00	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-9-5	4/21/2016	1050	-0.08	-0.09	0.0	0	0.3	20.2	0.4	0.0	0.0	0.0	
VMP-9-5	5/18/2016	0925	-0.13	-0.12	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-9-5	6/21/2016	1350	0.00	0.00	0.0	0	0.5	20.5	0.6	0.0	0.0	0.0	
VMP-9-5	7/20/2016	1148	0.00	0.00	0.0	0	1.0	19.3	0.5	0.0	0.0	0.0	
VMP-9-5	8/24/2016	1144	-0.15	-0.09	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-9-5	9/21/2016	1419	0.00	0.0	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-9-5	10/20/2016	1400	0.00	0.00	0.0	0	0.5	20.6	0.0	0.0	0.0	0.0	
VMP-9-5-Dup	10/20/2016	1400	NM	NM	0.0	0	0.6	20.5	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-9-5	11/16/2016	1300	0.00	0.00	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-9-5	12/21/2016	1356	0.00	0.15	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at -0.14 inwc on 12/28/2016.
VMP-9-11.5	2/6/2012	1114	-0.05	-0.02	0.0	0	6.1	14.3	1.5	0.1	0.0	0.1	
VMP-9-11.5	2/7/2012	1105	-0.13	-0.07	0.0	0	4.5	16.8	2.2	0.0	0.0	0.0	
VMP-9-11.5	2/8/2012	954	-0.17	-0.14	0.0	0	3.3	18.6	0.7	0.0	0.0	0.0	
VMP-9-11.5	2/15/2012	1459	-0.11	-0.05	0.0	0	2.1	19.9	0.8	3.4	0.0	3.4	
VMP-9-11.5	2/22/2012	1131	0.00	0.02	0.0	0	2.5	19.0	1.2	1.9	0.0	1.9	
VMP-9-11.5	2/29/2012	1324	0.00	-0.05	0.0	0	0.2	20.9	1.2	14.3	2.2	12.1	
VMP-9-11.5	3/21/2012	1056	-0.04	0.00	0.0	0	1.1	19.4	0.6	0.0	0.0	0.0	
VMP-9-11.5	4/18/2012	1056	-0.07	-0.06	0.0	0	0.8	20.1	0.4	2.7	0.0	2.7	
VMP-9-11.5	5/16/2012	1303	-0.05	-0.04	0.0	0	1.2	19.7	0.9	0.0	0.0	0.0	
VMP-9-11.5	6/20/2012	907	-0.08	-0.50	0.0	0	1.4	19.9	0.4	0.8	0.0	0.8	
VMP-9-11.5	7/18/2012	907	-0.12	-0.02	0.0	0	1.2	19.8	0.5	0.7	0.0	0.7	
VMP-9-11.5	8/15/2012	840	-0.11	-0.08	0.0	0	1.1	19.7	0.5	2.7	0.0	2.7	
VMP-9-11.5	9/19/2012	1132	-0.09	-0.10	0.0	0	1.0	19.8	0.7	0.9	0.0	0.9	
VMP-9-11.5	10/17/2012	1321	-0.07	-0.05	0.0	0	0.6	20.1	0.4	0.9	0.0	0.9	
VMP-9-11.5	11/20/2012	1358	-0.14	-0.45	0.0	0	0.3	20.6	0.2	0.3	0.0	0.3	
VMP-9-11.5	12/19/2012	1209	-0.01	0.06	0.0	0	0.4	20.4	0.1	0.3	0.0	0.3	
VMP-9-11.5	1/16/2013	1050	-0.02	-0.03	0.0	0	0.3	20.6	0.1	1.1	0.0	1.1	
VMP-9-11.5	2/25/2013	955	-0.08	-0.03	0.0	0	0.3	20.6	0.2	0.3	0.0	0.3	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-9-11.5	3/20/2013	1448	-0.09	-0.07	0.0	0	0.1	20.8	0.7	2.3	0.0	2.3	
VMP-9-11.5	4/24/2013	951	-0.38	-0.27	0.0	0	0.2	20.6	0.3	0.8	0.0	0.8	
VMP-9-11.5	5/22/2013	1555	-0.18	-0.18	0.0	0	0.7	20.1	0.5	0.5	0.0	0.5	
VMP-9-11.5	6/26/2013	1328	-0.19	0.00	0.0	0	1.4	19.0	0.6	0.6	0.0	0.6	
VMP-9-11.5	7/25/2013	1114	-0.18	-0.16	0.0	0	1.1	19.8	0.6	0.6	0.0	0.6	
VMP-9-11.5	8/29/2013	1048	-0.20	-0.17	0.0	0	0.8	20.2	0.5	0.3	0.0	0.3	
VMP-9-11.5	9/25/2013	1447	-0.21	-0.20	0.0	0	0.6	20.3	0.3	0.2	0.0	0.2	
VMP-9-11.5	10/24/2013	1005	-0.25	-0.22	0.0	0	0.2	20.4	0.3	0.6	0.0	0.6	
VMP-9-11.5	11/21/2013	0840	-0.28	-0.25	0.0	0	0.2	20.7	0.5	0.4	0.0	0.4	
VMP-9-11.5	12/18/2013	1542	-0.11	-0.17	0.0	0	0.2	20.9	0.3	0.0	0.0	0.0	
VMP-9-11.5	1/30/2014	0939	-0.11	-0.15	0.0	0	0.2	20.9	0.2	0.79	0.0	0.79	
VMP-9-11.5	2/19/2014	1454	-0.13	-0.08	0.0	0	0.1	20.9	1.0	0.17	0.0	0.17	
VMP-9-11.5	3/20/2014	0848	-0.12	-0.09	0.0	0	0.2	20.6	0.6	0.23	0.0	0.23	
VMP-9-11.5	4/24/2014	1529	0.00	0.04	0.0	0	0.6	20.2	0.7	1.58	0.0	1.58	
VMP-9-11.5	5/22/2014	0939	-0.29	-0.26	0.0	0	0.9	20.3	1.3	1.49	0.0	1.49	
VMP-9-11.5	6/18/2014	1503	-0.14	-0.13	0.0	0	1.3	19.9	1.1	0.98	0.0	0.98	
VMP-9-11.5	7/23/2014	1331	-0.15	-0.20	0.0	0	1.3	19.6	1.5	1.24	0.0	1.24	
VMP-9-11.5	8/20/2014	1026	-0.26	-0.25	0.0	0	1.1	20.1	1.2	0.29	0.0	0.29	
VMP-9-11.5	9/17/2014	1043	0.00	-0.18	0.0	0	1.0	20.1	0.8	0.51	0.0	0.51	
VMP-9-11.5	10/22/2014	1004	-0.23	-0.23	0.0	0	0.6	20.5	0.6	0.96	0.0	0.96	
VMP-9-11.5	11/19/2014	1545	-0.26	-0.24	0.0	0	0.3	20.7	1.1	0.39	0.0	0.39	
VMP-9-11.5	12/17/2014	1414	-0.15	-0.15	0.0	0	0.2	20.7	1.8	0.67	0.0	0.67	
VMP-9-11.5	1/30/2015	1107	-0.15	0.00	0.0	0	0.0	20.6	1.7	1.7	0.0	1.7	
VMP-9-11.5	2/26/2015	0951	-0.25	-0.26	0.0	0	0.1	20.8	0.6	0.2	0.0	0.2	
VMP-9-11.5-Dup	2/26/2015	0951	NM	NM	0.0	0	0.1	20.8	0.6	0.2	0.0	0.2	Duplicate sample.
VMP-9-11.5	3/26/2015	0952	-0.37	-0.27	0.0	0	0.3	20.6	0.7	0.6	0.0	0.6	
VMP-9-11.5	4/22/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-9-11.5	5/21/2015	0925	-0.30	-0.25	0.0	0	0.8	20.0	0.5	1.0	0.0	1.0	
VMP-9-11.5	6/18/2015	1336	-0.27	-0.26	0.0	0	0.8	19.8	0.7	0.5	0.0	0.5	
VMP-9-11.5	7/22/2015	1354	-0.24	0.00	0.0	0	1.4	19.8	0.7	0.0	0.0	0.0	
VMP-9-11.5	8/19/2015	1445	-0.37	-0.34	0.0	0	1.4	19.8	0.3	0.0	0.0	0.0	
VMP-9-11.5	9/16/2015	1405	-0.17	-0.16	0.0	0	0.9	20.2	0.4	0.0	0.0	0.0	
VMP-9-11.5	10/21/2015	1339	-0.19	-0.10	0.0	0	0.8	20.3	0.3	0	0.0	0.0	
VMP-9-11.5	11/24/2015	0915	-0.40	-0.38	0.0	0	0.1	20.9	0.0	0	0.0	0.0	
VMP-9-11.5	12/16/2015	1245	-0.18	-0.26	0.0	0	0.2	20.7	0.2	0	0.0	0.0	
VMP-9-11.5	1/21/2016	1131	-0.09	-0.16	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-9-11.5	2/18/2016	1040	-0.16	-0.13	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-9-11.5	3/22/2016	1405	0.00	0.00	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-9-11.5	4/21/2016	1055	-0.19	-0.23	0.0	0	0.4	20.1	0.4	0.0	0.0	0.0	
VMP-9-11.5	5/18/2016	0933	-0.35	-0.36	0.0	0	0.7	20.3	0.6	0.0	0.0	0.0	
VMP-9-11.5	6/21/2016	1355	-0.15	-0.17	0.0	0	1.0	20.0	0.5	0.0	0.0	0.0	
VMP-9-11.5	7/20/2016	1149	0.00	0.00	0.0	0	1.5	19.4	0.5	0.0	0.0	0.0	
VMP-9-11.5	8/24/2016	1145	-0.35	-0.27	0.0	0	1.3	19.6	0.0	0.0	0.0	0.0	
VMP-9-11.5	9/21/2016	1420	0.00	0.00	0.0	0	1.4	19.2	0.2	0.0	0.0	0.0	
VMP-9-11.5	10/20/2016	1407	0.00	-0.11	0.0	0	1.4	19.9	0.0	0.0	0.0	0.0	
VMP-9-11.5	11/16/2016	1301	0.00	0.00	0.0	0	1.4	19.5	0.1	0.0	0.0	0.0	
VMP-9-11.5	12/21/2016	1359	0.00	0.38	0.0	0	1.5	19.2	0.2	0.0	0.0	0.0	Initial vacuum measured at -0.40 inwc on 12/28/2016.
VMP-9-25.5	2/6/2012	1119	-0.12	-0.07	0.0	0	14.9	2.0	1.6	55.0	46.6	8.4	
VMP-9-25.5	2/7/2012	1110	-0.28	-0.19	0.0	0	13.6	4.3	2.6	0.1	0.0	0.1	
VMP-9-25.5	2/8/2012	959	-0.38	-0.32	0.0	0	11.7	7.3	0.8	0.0	0.0	0.0	
VMP-9-25.5	2/15/2012	1500	-0.25	-0.11	0.0	0	9.5	11.1	0.8	81.0	59.0	22.0	
VMP-9-25.5	2/22/2012	1136	0.07	0.05	0.0	0	10.1	11.4	1.7	14.4	11.0	3.4	
VMP-9-25.5	2/29/2012	1328	0.00	-0.02	0.0	0	8.4	13.0	2.0	4.2	0.0	4.2	
VMP-9-25.5	3/21/2012	1059	-0.10	0.00	0.0	0	5.9	14.6	0.8	0.0	0.0	0.0	
VMP-9-25.5	4/18/2012	1059	-0.16	-0.15	0.0	0	3.1	18.5	0.3	2.6	0.0	2.6	
VMP-9-25.5	5/16/2012	1303	-0.16	-0.15	0.0	0	2.7	18.2	0.5	0.0	0.0	0.0	
VMP-9-25.5	6/20/2012	908	-0.26	-0.19	0.0	0	2.7	18.3	0.4	0.7	0.0	0.7	
VMP-9-25.5	7/18/2012	908	-0.28	-0.31	0.0	0	2.9	18.5	0.6	0.0	0.0	0.0	
VMP-9-25.5	8/15/2012	845	-0.25	-0.19	0.0	0	2.8	18.7	0.4	2.0	0.0	2.0	
VMP-9-25.5	9/19/2012	1133	-0.23	-0.21	0.0	0	2.2	18.9	0.8	1.1	0.0	1.1	
VMP-9-25.5	10/17/2012	1322	-0.17	-0.12	0.0	0	1.8	19.4	0.4	0.9	0.0	0.9	
VMP-9-25.5	11/20/2012	1401	-0.31	-0.34	0.0	0	1.2	20.0	0.3	0.7	0.0	0.7	
VMP-9-25.5	12/19/2012	1210	-0.01	0.11	0.0	0	1.8	19.7	0.2	0.2	0.0	0.2	
VMP-9-25.5	1/16/2013	1357	-0.05	-0.03	0.0	0	1.7	19.7	0.1	1.0	0.0	1.0	
VMP-9-25.5	2/25/2013	1000	-0.16	-0.08	0.0	0	1.2	19.9	0.3	0.3	0.0	0.3	
VMP-9-25.5	3/20/2013	1459	-0.20	-0.15	0.0	0	0.8	20.4	0.4	0.7	0.0	0.7	
VMP-9-25.5	4/24/2013	955	-0.78	-0.57	0.0	0	0.6	20.1	0.2	1.2	0.0	1.2	
VMP-9-25.5	5/22/2013	1556	-0.45	-0.44	0.0	0	0.8	19.7	0.5	0.6	0.0	0.6	
VMP-9-25.5	6/26/2013	1335	-0.07	-0.06	0.0	0	1.4	19.0	0.6	0.7	0.0	0.7	
VMP-9-25.5	7/25/2013	1118	-0.46	-0.38	0.0	0	2.0	18.8	0.4	0.1	0.0	0.1	
VMP-9-25.5	8/29/2013	1049	-0.47	-0.44	0.0	0	1.5	19.5	0.5	0.7	0.0	0.7	
VMP-9-25.5	9/25/2013	1448	-0.53	-0.51	0.0	0	1.5	19.6	0.4	0.2	0.0	0.2	
VMP-9-25.5	10/24/2013	1008	-0.64	-0.55	0.0	0	0.8	20.1	0.3	0.5	0.0	0.5	
VMP-9-25.5	11/21/2013	0845	-0.64	-0.60	0.0	0	0.6	20.4	0.5	0.4	0.0	0.4	
VMP-9-25.5	12/18/2013	1547	-0.25	-0.36	0.0	0	0.7	20.5	0.3	0.5	0.0	0.5	
VMP-9-25.5	1/30/2014	0939	-0.29	-0.35	0.0	0	0.6	20.6	0.2	0.35	0.0	0.35	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-9-25.5	2/19/2014	1455	-0.28	-0.20	0.0	0	0.6	20.6	1.0	0.6	0.0	0.6	
VMP-9-25.5	3/20/2014	0849	-0.67	-0.21	0.0	0	0.5	20.3	0.6	0.18	0.0	0.18	
VMP-9-25.5	4/24/2014	1529	0.00	0.08	0.0	0	0.9	19.9	0.8	1.72	0.0	1.72	
VMP-9-25.5	5/22/2014	0939	-0.63	-0.62	0.0	0	0.9	19.8	0.8	1.04	0.0	1.04	
VMP-9-25.5	6/18/2014	1503	-0.32	-0.30	0.0	0	1.5	19.3	1.3	1.33	0.0	1.33	
VMP-9-25.5	7/23/2014	1332	-0.33	-0.44	0.0	0	2.0	18.6	1.6	1.29	0.0	1.29	
VMP-9-25.5	8/20/2014	1027	-0.61	-0.58	0.0	0	2.2	19.0	1.5	0.4	0.0	0.4	
VMP-9-25.5	9/17/2014	1047	-0.47	-0.36	0.0	0	2.5	19.0	1.1	0.44	0.0	0.44	
VMP-9-25.5	10/22/2014	1008	-0.54	-0.50	0.0	0	1.7	19.5	1.0	1.45	0.0	1.45	
VMP-9-25.5	11/19/2014	1546	-0.02	0.00	0.0	0	0.1	20.9	0.8	1.39	0.0	1.39	
VMP-9-25.5	12/17/2014	1418	0.00	0.00	0.0	0	0.1	20.8	1.3	1.78	0.0	1.78	
VMP-9-25.5	1/30/2015	1112	0.00	0.00	0.0	0	0.1	20.8	1.3	1.5	0.0	1.5	
VMP-9-25.5	2/26/2015	0951	-0.15	-0.14	0.0	0	0.3	20.7	0.5	0.2	0.0	0.2	
VMP-9-25.5	3/26/2015	0952	-0.77	-0.60	0.0	0	0.4	20.5	0.7	0.8	0.0	0.8	
VMP-9-25.5	4/22/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-9-25.5	5/21/2015	0930	-0.74	-0.61	0.0	0	0.9	19.6	1.1	1.8	0.0	1.8	
VMP-9-25.5	6/18/2015	1341	-0.67	-0.67	0.0	0	1.3	19.2	0.6	0.6	0.0	0.6	
VMP-9-25.5	7/22/2015	1358	-0.52	-0.54	0.0	0	2.0	18.6	0.3	0.0	0.0	0.0	
VMP-9-25.5	8/19/2015	1450	-0.80	-0.73	0.0	0	2.5	18.5	0.3	0.0	0.0	0.0	
VMP-9-25.5	9/16/2015	1410	-0.34	-0.09	0.0	0	2.4	18.9	0.4	0.0	0.0	0.0	
VMP-9-25.5	10/21/2015	1350	-0.34	-0.44	0.0	0	2.0	19.4	0.5	0.0	0.0	0.0	
VMP-9-25.5	11/24/2015	0920	-0.89	-0.84	0.0	0	1.0	20.3	0.0	0.0	0.0	0.0	
VMP-9-25.5	12/16/2015	1246	-0.56	-0.76	0.0	0	1.0	20.2	0.1	0	0.0	0.0	
VMP-9-25.5-Dup	12/16/2015	1249	NM	NM	0.0	0	1.0	20.2	0.1	0	0.0	0.0	Duplicate sample.
VMP-9-25.5	1/21/2016	1136	-0.30	-0.40	0.0	0	1.5	19.6	0.2	0.0	0.0	0.0	
VMP-9-25.5	2/18/2016	1045	-0.51	-0.49	0.0	0	1.2	19.9	0.3	0.0	0.0	0.0	
VMP-9-25.5	3/22/2016	1410	-0.18	-0.14	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-9-25.5	4/21/2016	1100	-0.44	-0.08	0.0	0	1.1	19.8	0.5	0.0	0.0	0.0	
VMP-9-25.5	5/18/2016	0938	-0.88	-0.85	0.0	0	1.1	19.8	0.6	0.0	0.0	0.0	
VMP-9-25.5	6/21/2016	1400	-0.39	-0.44	0.0	0	1.4	19.2	0.2	0.0	0.0	0.0	
VMP-9-25.5	7/20/2016	1150	0.00	0.00	0.0	0	2.0	18.5	0.4	0.0	0.0	0.0	
VMP-9-25.5	8/24/2016	1146	-0.78	-0.63	0.0	0	2.2	18.6	0.2	0.0	0.0	0.0	
VMP-9-25.5	9/21/2016	1421	-0.09	-0.09	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-9-25.5	10/20/2016	1409	-0.27	-0.35	0.0	0	2.8	18.2	0.0	0.0	0.0	0.0	
VMP-9-25.5	11/16/2016	1302	0.00	0.00	0.0	0	2.9	18.2	0.0	0.0	0.0	0.0	
VMP-9-25.5	12/21/2016	1403	0.87	0.00	0.0	0	3.0	18.0	0.1	0.0	0.0	0.0	Initial vacuum measured at -0.91 inwc on 12/28/2016.
VMP-9-38.5	2/6/2012	1123	-0.12	-0.04	0.5	10	16.3	0.7	39.3	3100	3080	20.0	
VMP-9-38.5	2/7/2012	1115	-0.26	-0.18	0.3	6	15.8	1.0	41.0	1800	1280	520	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-9-38.5	2/8/2012	1003	-0.37	-0.31	0.1	3	15.2	2.0	29.7	1000	790	210	
VMP-9-38.5	2/15/2012	1501	-0.43	-0.31	0.0	0	14.7	1.4	12.0	190	139	50.8	
VMP-9-38.5	2/22/2012	1141	0.22	-0.21	0.0	0	14.5	1.1	17.8	59.6	32.2	27.4	
VMP-9-38.5	2/29/2012	1332	-0.09	-0.18	0.0	0	13.5	2.9	10.5	92.6	63.8	28.8	
VMP-9-38.5	3/21/2012	1109	-0.08	0.00	0.0	0	11.5	8.2	1.5	0.0	0.0	0.0	
VMP-9-38.5	4/18/2012	1102	-0.16	-0.15	0.0	0	7.2	14.6	0.8	5.2	0.0	5.2	
VMP-9-38.5	5/16/2012	1303	-0.16	-0.15	0.0	0	6.2	15.6	0.8	0.0	0.0	0.0	
VMP-9-38.5	6/20/2012	909	-0.29	-0.18	0.0	0	5.3	15.9	0.7	1.8	0.0	1.8	
VMP-9-38.5	7/18/2012	909	-0.29	-0.21	0.0	0	5.5	16.1	0.7	0.5	0.0	0.5	
VMP-9-38.5	8/15/2012	850	-0.25	-0.19	0.0	0	5.7	16.6	0.5	4.9	0.0	4.9	
VMP-9-38.5	9/19/2012	1134	-0.20	-0.23	0.0	0	5.7	14.7	0.9	2.3	0.0	2.3	
VMP-9-38.5	10/17/2012	1323	-0.18	-0.09	0.0	0	6.3	13.8	12.1	65.9	23.5	42.4	
VMP-9-38.5	11/20/2012	1404	-0.32	-0.35	0.0	0	5.5	15.9	0.4	1.0	0.0	1.0	
VMP-9-38.5	12/19/2012	1211	-0.02	0.14	0.0	0	5.9	15.5	0.2	0.9	0.0	0.9	
VMP-9-38.5	1/16/2013	1058	-0.04	-0.05	0.0	0	5.9	15.9	0.1	1.3	0.0	1.3	
VMP-9-38.5	2/25/2013	1000	-0.17	-0.07	0.0	0	5.6	15.7	0.3	0.4	0.0	0.4	
VMP-9-38.5	3/20/2013	1509	-0.20	-0.16	0.0	0	4.8	17.4	0.6	1.9	0.0	1.9	
VMP-9-38.5	4/24/2013	959	-0.81	-0.59	0.0	0	4.0	18.1	0.2	0.8	0.0	0.8	
VMP-9-38.5	5/22/2013	1557	-0.46	-0.46	0.0	0	4.2	17.7	0.6	0.2	0.0	0.2	
VMP-9-38.5	6/26/2013	1342	-0.08	0.00	0.0	0	3.0	18.0	0.5	1.1	0.0	1.1	
VMP-9-38.5	7/25/2013	1122	-0.46	-0.39	0.0	0	3.1	17.4	0.7	0.0	0.0	0.0	
VMP-9-38.5	8/29/2013	1050	-0.47	-0.44	0.0	0	3.2	17.7	0.5	0.2	0.0	0.2	
VMP-9-38.5	9/25/2013	1448	-0.53	-0.52	0.0	0	3.4	17.9	0.4	0.1	0.0	0.1	
VMP-9-38.5	10/24/2013	1011	-0.66	-0.57	0.0	0	2.6	18.5	0.3	0.2	0.0	0.2	
VMP-9-38.5	11/21/2013	0850	-0.68	-0.65	0.0	0	2.8	18.7	0.6	0.3	0.0	0.3	
VMP-9-38.5	12/18/2013	1552	-0.27	-0.39	0.0	0	2.8	19.0	0.3	0.5	0.0	0.5	
VMP-9-38.5	1/30/2014	0940	-0.35	-0.37	0.0	0	2.8	19.1	0.3	0.98	0.0	0.98	
VMP-9-38.5	2/19/2014	1455	-0.40	-0.22	0.0	0	2.7	19.1	1.0	0.83	0.0	0.83	
VMP-9-38.5	3/20/2014	0850	-0.31	-0.24	0.0	0	2.6	19.0	0.6	0.37	0.0	0.37	
VMP-9-38.5	4/24/2014	1529	0.00	0.05	0.0	0	2.6	18.6	0.9	1.8	0.0	1.8	
VMP-9-38.5	5/22/2014	0940	-0.07	-0.08	0.0	0	1.0	20.1	1.2	2.05	0.0	2.05	
VMP-9-38.5	6/18/2014	1503	0.00	0.00	0.0	0	1.7	19.3	2.0	1.98	0.0	1.98	
VMP-9-38.5	7/23/2014	1332	-0.34	-0.42	0.0	0	2.7	18.2	1.6	1.68	0.0	1.68	
VMP-9-38.5	8/20/2014	1028	-0.56	-0.48	0.0	0	2.9	18.3	1.2	0.24	0.0	0.24	
VMP-9-38.5-Dup	8/20/2014	1033	NM	NM	0.0	0	2.9	18.3	1.1	0.16	0.0	0.16	Duplicate sample.
VMP-9-38.5	9/17/2014	1054	-0.15	-0.19	0.0	0	2.6	18.6	0.9	0.61	0.0	0.61	
VMP-9-38.5	10/22/2014	1011	-0.46	-0.32	0.0	0	2.5	18.7	0.9	1.56	0.0	1.56	
VMP-9-38.5	11/19/2014	1546	0.00	0.00	0.0	0	0.1	20.9	0.8	1.83	0.0	1.83	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-9-38.5	12/17/2014	1422	0.00	0.00	0.0	0	0.1	20.8	1.7	1.26	0.0	1.26	
VMP-9-38.5	1/30/2015	1117	0.00	0.00	0.0	0	0.0	20.8	1.2	1.5	0.0	1.5	
VMP-9-38.5	2/26/2015	0951	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-9-38.5	3/26/2015	0955	-1.10	-1.06	0.0	0	0.1	20.8	0.7	1.6	0.0	1.6	
VMP-9-38.5	4/22/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-9-38.5	5/21/2015	0935	-0.76	-0.59	0.0	0	2.2	18.6	0.7	1.0	0.0	1.0	
VMP-9-38.5	6/18/2015	1346	-0.62	-0.66	0.0	0	2.4	18.4	0.8	1.1	0.0	1.1	
VMP-9-38.5	7/22/2015	1402	-0.54	-0.53	0.0	0	2.7	17.9	0.4	0.0	0.0	0.0	
VMP-9-38.5	8/19/2015	1455	-0.78	-0.72	0.0	0	3.2	17.5	0.3	0.0	0.0	0.0	
VMP-9-38.5	9/16/2015	1415	-0.40	-0.34	0.0	0	3.4	17.8	0.3	0.0	0.0	0.0	
VMP-9-38.5	10/21/2015	1400	-0.31	-0.35	0.0	0	3.3	18.1	0.3	0	0.0	0.0	
VMP-9-38.5	11/24/2015	0925	-0.88	-0.80	0.0	0	3.2	18.6	0.0	0	0.0	0.0	
VMP-9-38.5	12/16/2015	1247	-0.52	-0.74	0.0	0	2.7	19.0	0.2	0	0.0	0.0	
VMP-9-38.5	1/21/2016	1141	-0.29	-0.40	0.0	0	3.2	18.7	0.3	0.0	0.0	0.0	
VMP-9-38.5	2/18/2016	1050	-0.50	-0.48	0.0	0	3.0	18.7	0.5	0.0	0.0	0.0	
VMP-9-38.5	3/22/2016	1415	-0.20	-0.12	0.0	0	2.7	18.9	0.2	0.0	0.0	0.0	
VMP-9-38.5	4/21/2016	1105	-0.42	-0.48	0.0	0	2.4	19.0	0.7	0.0	0.0	0.0	
VMP-9-38.5	5/18/2016	0945	-0.85	-0.85	0.0	0	2.4	19.0	0.7	0.0	0.0	0.0	
VMP-9-38.5	6/21/2016	1405	-0.47	-0.40	0.0	0	2.3	18.4	0.6	0.0	0.0	0.0	
VMP-9-38.5	7/20/2016	1151	-0.49	-0.18	0.0	0	2.3	18.7	0.5	0.0	0.0	0.0	
VMP-9-38.5	8/24/2016	1147	-0.46	-0.60	0.0	0	3.0	17.6	0.3	0.0	0.0	0.0	
VMP-9-38.5	9/21/2016	1422	0.00	-0.35	0.0	0	2.8	18.0	0.3	0.0	0.0	0.0	
VMP-9-38.5	10/20/2016	1414	-10.31	-1.48	0.0	0	3.4	17.5	0.0	0.0	0.0	0.0	
VMP-9-38.5	11/16/2016	1303	0.00	0.00	0.0	0	1.7	19.6	0.1	0.0	0.0	0.0	
VMP-9-38.5	12/21/2016	1407	0.00	0.00	0.0	0	2.9	18.3	0.2	0.0	0.0	0.0	Initial vacuum measured at -1.15 inwc on 12/28/2016.
VMP-10-5	12/5/2012	1455	-0.01	-0.08	0.0	0	1.6	19.1	0.2	1.0	0.0	1.0	Initail sample after Public Works SVE startup.
VMP-10-5	12/6/2012	1317	0.00	-0.01	0.0	0	1.2	19.7	0.2	0.3	0.0	0.3	
VMP-10-5	12/13/2012	1353	-0.03	-0.03	0.0	0	0.4	20.5	0.1	0.6	0.0	0.6	
VMP-10-5	12/19/2012	1324	-0.04	-0.16	0.0	0	0.3	20.6	0.3	0.9	0.0	0.9	
VMP-10-5	1/16/2013	931	-0.03	-0.06	0.0	0	0.1	20.9	0.1	0.8	0.0	0.8	
VMP-10-5	2/25/2013	1040	-0.02	-0.06	0.0	0	0.1	20.8	0.3	2.1	0.0	2.1	
VMP-10-5	3/20/2013	1403	-0.02	0.00	0.0	0	0.0	20.9	0.5	3.1	0.0	3.1	
VMP-10-5	4/25/2013	836	-0.14	-0.01	0.0	0	0.2	20.7	0.2	1.9	0.0	1.9	
VMP-10-5	5/22/2013	1432	-0.14	-0.13	0.0	0	0.3	20.6	0.5	1.5	0.0	1.5	
VMP-10-5	6/25/2013	1330	-0.11	-0.12	0.0	0	0.7	20.6	0.4	0.3	0.0	0.3	
VMP-10-5	7/24/2013	1324	-0.17	-0.16	0.0	0	0.2	20.8	0.4	1.8	0.0	1.8	
VMP-10-5	8/28/2013	1445	-0.07	-0.08	0.0	0	0.1	20.8	0.3	2.8	0.0	2.8	
VMP-10-5	9/26/2013	1058	-0.14	-0.10	0.0	0	0.1	20.8	0.6	3.2	0.0	3.2	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-10-5	10/23/2013	1339	-0.23	-0.20	0.0	0	0.0	20.8	0.0	0.8	0.0	0.8	
VMP-10-5	11/20/2013	1229	-0.20	-0.19	0.0	0	0.1	20.9	0.2	1.2	0.0	1.2	
VMP-10-5	12/18/2013	1441	-0.26	-0.29	0.0	0	0.0	20.9	0.3	1.6	0.0	1.6	
VMP-10-5	1/29/2014	0924	-0.07	-0.07	0.0	0	0.0	20.9	0.3	0.14	0.0	0.14	
VMP-10-5	2/19/2014	1356	-0.12	-0.25	0.0	0	0.1	20.9	1.0	0.52	0.0	0.52	
VMP-10-5	3/19/2014	1330	-0.03	-0.07	0.0	0	0.2	20.8	0.6	0.98	0.0	0.98	
VMP-10-5	4/23/2014	1430	-0.13	-0.13	0.0	0	0.3	20.9	0.6	1.62	0.0	1.62	
VMP-10-5	5/21/2014	1355	-0.14	-0.14	0.0	0	0.4	20.8	1.1	2.17	0.0	2.17	
VMP-10-5	6/18/2014	1400	-0.13	-0.11	0.0	0	0.3	20.9	1.6	0.79	0.0	0.79	
VMP-10-5	7/23/2014	0909	-0.13	-0.15	0.0	0	0.2	20.8	1.4	1.2	0.0	1.2	
VMP-10-5	8/21/2014	1305	-0.19	-0.22	0.0	0	0.4	20.6	2.7	2.85	0.0	2.85	
VMP-10-5	9/17/2014	1123	-0.14	-0.16	0.0	0	0.2	20.9	1.2	1.49	0.0	1.49	
VMP-10-5	10/22/2014	0926	-0.20	-0.16	0.0	0	0.1	20.8	1.1	2.09	0.0	2.09	
VMP-10-5	11/19/2014	915	-0.18	-0.17	0.0	0	0.1	20.7	0.6	1.62	0.0	1.62	
VMP-10-5	12/17/2014	1053	-0.14	-0.19	0.0	0	0.1	20.8	0.7	1.23	0.0	1.23	
VMP-10-5	1/28/2015	1123	0.00	-0.16	0.0	0	0.1	20.9	1.4	1.2	0.0	1.2	
VMP-10-5	2/25/2015	1008	-0.27	-0.09	0.0	0	0.1	20.8	0.5	1.0	0.0	1.0	
VMP-10-5	3/25/2015	1138	-0.14	-0.13	0.0	0	0.1	20.8	0.4	1.3	0.0	1.3	
VMP-10-5	4/22/2015	1019	-0.12	-0.09	0.0	0	0.1	20.9	0.6	1.9	0.0	1.9	
VMP-10-5	5/20/2015	1210	-0.16	-0.16	0.0	0	0.0	20.9	0.3	2.2	0.0	2.2	
VMP-10-5	6/17/2015	0854	-0.17	0.00	0.0	0	0.2	20.7	0.6	1.2	0.0	1.2	
VMP-10-5	7/22/2015	0844	0.00	0.00	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-10-5	8/19/2015	1115	-0.10	-0.10	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-10-5	9/16/2015	1050	0.00	0.0	0.0	0	0.2	20.9	0.2	0.0	0.0	0.0	
VMP-10-5	10/21/2015	1008	0.00	0.00	0.0	0	0.1	20.9	1.0	0	0.0	0.0	
VMP-10-5	11/23/2015	1101	-0.12	-0.20	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-10-5	12/17/2015	1350	0.00	0.00	0.0	0	0.1	20.9	0.3	0	0.0	0.0	
VMP-10-5	1/20/2016	1450	0.19	0.24	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-10-5	2/17/2016	1306	-0.17	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-10-5	3/22/2016	1015	0.00	0.00	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-10-5	4/20/2016	1500	0.00	0.00	0.0	0	0.3	20.6	0.5	0.0	0.0	0.0	
VMP-10-5	5/19/2016	1130	-0.04	-0.02	0.0	0	0.2	20.7	0.7	0.0	0.0	0.0	
VMP-10-5	6/21/2016	0950	0.00	0.00	0.0	0	0.3	20.6	0.9	0.0	0.0	0.0	
VMP-10-5	7/20/2016	1206	0.00	0.00	0.0	0	0.7	20.2	0.3	0.0	0.0	0.0	
VMP-10-5	8/24/2016	1455	-0.10	0.00	0.0	0	0.6	20.5	0.2	0.0	0.0	0.0	
VMP-10-5	9/21/2016	1030	0.00	0.0	0.0	0	0.6	20.5	0.3	0.0	0.0	0.0	
VMP-10-5	10/20/2016	1005	0.00	0.00	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-10-5	11/16/2016	1006	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-10-5	12/21/2016	0901	-0.12	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at -0.23 inwc on 12/28/2016.
VMP-10-10	12/5/2012	1505	-0.04	-0.09	0.0	0	2.2	18.4	0.3	0.8	0.0	0.8	Initail sample after Public Works SVE startup.
VMP-10-10	12/6/2012	1317	-0.03	-0.02	0.0	0	2.1	18.5	0.1	1.0	0.0	1.0	
VMP-10-10	12/13/2012	1357	-0.05	-0.02	0.0	0	0.8	20.1	0.2	0.4	0.0	0.4	
VMP-10-10	12/19/2012	1328	-0.15	-0.20	0.0	0	0.5	20.5	0.2	0.3	0.0	0.3	
VMP-10-10	1/16/2013	932	-0.04	-0.20	0.0	0	0.2	20.8	0.1	1.4	0.0	1.4	
VMP-10-10	2/25/2013	1045	-0.03	-0.07	0.0	0	0.1	20.7	0.2	1.6	0.0	1.6	
VMP-10-10	3/20/2013	1407	-0.03	0.00	0.0	0	0.0	20.9	0.3	1.6	0.0	1.6	
VMP-10-10	4/25/2013	841	-0.15	-0.01	0.0	0	0.2	20.7	0.2	0.8	0.0	0.8	
VMP-10-10	5/22/2013	1433	-0.17	-0.17	0.0	0	0.0	20.9	0.4	2.3	0.0	2.3	
VMP-10-10	6/25/2013	1334	-0.13	-0.12	0.0	0	0.6	20.6	0.5	0.1	0.0	0.1	
VMP-10-10	7/24/2013	1328	-0.22	-0.21	0.0	0	0.2	20.7	0.4	1.5	0.0	1.5	
VMP-10-10	8/28/2013	1446	-0.10	-0.09	0.0	0	0.1	20.8	0.3	0.8	0.0	0.8	
VMP-10-10	9/26/2013	1103	-0.20	-0.15	0.0	0	0.1	20.8	0.4	2.5	0.0	2.5	
VMP-10-10	10/23/2013	1344	-0.29	-0.26	0.0	0	0.0	20.8	0.0	0.6	0.0	0.6	
VMP-10-10	11/20/2013	1233	-0.26	-0.23	0.0	0	0.1	20.9	0.9	2.4	0.0	2.4	
VMP-10-10	12/18/2013	1445	-0.29	-0.32	0.0	0	0.0	20.9	0.5	0.4	0.0	0.4	
VMP-10-10	1/29/2014	0925	-0.18	-0.10	0.0	0	0.1	20.9	0.4	2.94	0.0	2.94	
VMP-10-10	2/19/2014	1356	-0.14	-0.26	0.0	0	0.1	20.9	1.1	0.58	0.0	0.58	
VMP-10-10	3/19/2014	1335	-0.06	-0.07	0.0	0	0.1	20.8	0.7	0.72	0.0	0.72	
VMP-10-10	4/23/2014	1430	-0.16	-0.14	0.0	0	0.2	20.9	0.7	1.32	0.0	1.32	
VMP-10-10	5/21/2014	1355	-0.17	-0.18	0.0	0	0.3	20.8	2.6	2.39	0.0	2.39	
VMP-10-10	6/18/2014	1403	-0.17	-0.15	0.0	0	0.4	20.8	1.4	0.85	0.0	0.85	
VMP-10-10	7/23/2014	0909	-0.15	-0.21	0.0	0	0.2	20.6	1.6	0.88	0.0	0.88	
VMP-10-10	8/21/2014	1310	-0.24	-0.17	0.0	0	0.4	20.6	2.1	1.49	0.0	1.49	
VMP-10-10	9/17/2014	1124	-0.19	-0.21	0.0	0	0.2	20.9	1.0	1.35	0.0	1.35	
VMP-10-10	10/22/2014	0926	-0.26	-0.22	0.0	0	0.2	20.8	1.0	1.58	0.0	1.58	
VMP-10-10	11/19/2014	915	-0.20	-0.20	0.0	0	0.2	20.8	0.6	1.04	0.0	1.04	
VMP-10-10	12/17/2014	1059	-0.19	-0.23	0.0	0	0.1	20.8	0.8	1.38	0.0	1.38	
VMP-10-10	1/28/2015	1124	-0.11	-0.17	0.0	0	0.0	20.9	1.0	1.0	0.0	1.0	
VMP-10-10	2/25/2015	1009	-0.19	-0.13	0.0	0	0.1	20.8	0.2	0.6	0.0	0.6	
VMP-10-10-Dup	2/25/2015	1009	NM	NM	0.0	0	0.1	20.9	0.2	0.6	0.0	0.6	Duplicate sample.
VMP-10-10	3/25/2015	1139	-0.19	-0.17	0.0	0	0.1	20.9	0.4	1.0	0.0	1.0	
VMP-10-10	4/22/2015	1020	-0.20	-0.14	0.0	0	0.0	20.9	0.7	1.6	0.0	1.6	
VMP-10-10	5/20/2015	1215	-0.22	-0.20	0.0	0	0.1	20.8	0.3	1.4	0.0	1.4	
VMP-10-10	6/17/2015	0858	-0.17	-0.12	0.0	0	0.3	20.6	0.6	1.7	0.0	1.7	
VMP-10-10	7/22/2015	0848	0.00	0.00	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-10-10	8/19/2015	1120	-0.11	-0.11	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-10-10	9/16/2015	1055	0.00	0.00	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-10-10	10/21/2015	1010	0.00	0.00	0.0	0	0.1	20.9	0.7	0.0	0.0	0.0	
VMP-10-10	11/23/2015	1102	0.00	-0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-10-10-DUP	11/23/2015	1106	NM	NM	0.0	0	0.0	20.9	0.0	0	0.0	0.0	Duplicate sample.
VMP-10-10	12/17/2015	1355	0.00	0.00	0.0	0	0.1	20.9	0.2	0	0.0	0.0	
VMP-10-10	1/20/2016	1455	0.00	0.00	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-10-10	2/17/2016	1306	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-10-10	3/22/2016	1020	0.00	0.00	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-10-10	4/20/2016	1505	0.00	0.00	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-10-10	5/19/2016	1135	-0.04	-0.02	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	
VMP-10-10	6/21/2016	0955	0.00	0.00	0.0	0	0.5	20.6	0.3	0.0	0.0	0.0	
VMP-10-10	7/20/2016	1207	0.00	0.0	0.0	0	0.8	20.3	0.4	0.0	0.0	0.0	
VMP-10-10	8/24/2016	1456	-0.12	0.00	0.0	0	0.9	20.0	0.2	0.0	0.0	0.0	
VMP-10-10	9/21/2016	1031	0.00	0.00	0.0	0	0.7	20.3	0.3	0.0	0.0	0.0	
VMP-10-10	10/20/2016	1009	0.00	0.00	0.0	0	0.5	20.6	0.1	0.0	0.0	0.0	
VMP-10-10	11/16/2016	1007	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-10-10	12/21/2016	0911	0.00	0.00	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-10-20	12/5/2012	1507	-0.08	-0.11	0.0	0	4.1	16.0	0.4	0.2	0.0	0.2	Initail sample after Public Works SVE startup.
VMP-10-20	12/6/2012	1318	-0.04	-0.03	0.0	0	3.8	16.4	0.3	0.6	0.0	0.6	
VMP-10-20	12/13/2012	1401	-0.03	-0.03	0.0	0	2.5	18.8	0.4	0.3	0.0	0.3	
VMP-10-20	12/19/2012	1332	-0.05	-0.09	0.0	0	1.7	19.5	0.2	0.4	0.0	0.4	
VMP-10-20	1/16/2013	933	-0.04	-0.07	0.0	0	0.6	20.5	0.2	1.0	0.0	1.0	
VMP-10-20	2/25/2013	1050	-0.03	-0.08	0.0	0	0.3	20.6	0.3	1.4	0.0	1.4	
VMP-10-20	3/20/2013	1411	-0.05	-0.01	0.0	0	0.2	20.8	0.3	1.4	0.0	1.4	
VMP-10-20	4/25/2013	846	-0.20	-0.03	0.0	0	0.2	20.7	0.2	0.4	0.0	0.4	
VMP-10-20	5/22/2013	1434	-0.23	-0.23	0.0	0	0.4	20.5	0.5	0.6	0.0	0.6	
VMP-10-20	6/25/2013	1338	-0.21	-0.16	0.0	0	0.6	20.4	0.5	0.3	0.0	0.3	
VMP-10-20	7/24/2013	1332	-0.32	-0.31	0.0	0	0.5	20.4	0.4	0.8	0.0	0.8	
VMP-10-20	8/28/2013	1447	-0.18	-0.19	0.0	0	0.4	20.6	0.4	0.2	0.0	0.2	
VMP-10-20	9/26/2013	1107	-0.27	-0.24	0.0	0	0.3	20.6	0.5	1.7	0.0	1.7	
VMP-10-20	10/23/2013	1349	-0.41	-0.40	0.0	0	0.2	20.8	0.0	0.8	0.0	0.8	
VMP-10-20	11/20/2013	1237	-0.37	-0.34	0.0	0	0.1	20.9	0.5	1.8	0.0	1.8	
VMP-10-20	12/18/2013	1449	-0.38	-0.42	0.0	0	0.1	20.9	0.6	1.3	0.0	1.3	
VMP-10-20	1/29/2014	0925	-0.12	-0.16	0.0	0	0.1	20.9	0.4	1.82	0.0	1.82	
VMP-10-20	2/19/2014	1356	-0.15	-0.29	0.0	0	0.1	20.9	1.1	0.86	0.0	0.86	
VMP-10-20	3/19/2014	1340	-0.11	-0.13	0.0	0	0.1	20.8	0.8	0.88	0.0	0.88	
VMP-10-20	4/23/2014	1430	-0.23	-0.22	0.0	0	0.2	20.9	0.9	0.83	0.0	0.83	
VMP-10-20	5/21/2014	1355	-0.24	-0.25	0.0	0	0.3	20.9	1.1	1.39	0.0	1.39	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-10-20	6/18/2014	1404	-0.26	-0.22	0.0	0	0.4	20.8	1.0	0.48	0.0	0.48	
VMP-10-20	7/23/2014	0909	-0.24	-0.30	0.0	0	0.5	20.5	1.6	0.81	0.0	0.81	
VMP-10-20	8/21/2014	1315	-0.31	-0.23	0.0	0	0.5	20.4	1.8	0.49	0.0	0.49	
VMP-10-20	9/17/2014	1125	-0.28	-0.31	0.0	0	0.5	20.7	1.2	0.95	0.0	0.95	
VMP-10-20	10/22/2014	0927	-0.37	-0.30	0.0	0	0.3	20.7	1.1	0.78	0.0	0.78	
VMP-10-20	11/19/2014	915	-0.25	-0.30	0.0	0	0.2	20.8	0.9	0.67	0.0	0.67	
VMP-10-20	12/17/2014	1104	-0.29	-0.32	0.0	0	0.1	20.8	1.0	0.79	0.0	0.79	
VMP-10-20-Dup	12/17/2014	0000	NA	NA	0.0	0	0.1	20.8	0.9	0.59	0.0	0.59	Duplicate sample.
VMP-10-20	1/28/2015	1124	-0.16	-0.24	0.0	0	0.1	20.8	0.8	0.5	0.0	0.5	
VMP-10-20	2/25/2015	1010	-0.27	-0.19	0.0	0	0.1	20.9	0.3	0.3	0.0	0.3	
VMP-10-20	3/25/2015	1139	-0.29	-0.26	0.0	0	0.1	20.9	0.6	0.4	0.0	0.4	
VMP-10-20	4/22/2015	1021	-0.34	-0.26	0.0	0	0.1	20.9	0.7	0.6	0.0	0.6	
VMP-10-20	5/20/2015	1220	-0.21	-0.30	0.0	0	0.3	20.7	0.3	1.4	0.0	1.4	
VMP-10-20	6/17/2015	0902	-0.27	-0.24	0.0	0	0.4	20.4	1.2	4.3	0.0	4.3	
VMP-10-20	7/22/2015	0852	-0.10	-0.11	0.0	0	0.8	20.2	0.2	0.0	0.0	0.0	
VMP-10-20	8/19/2015	1125	-0.17	-0.16	0.0	0	0.7	20.2	0.2	0.0	0.0	0.0	
VMP-10-20	9/16/2015	1100	-0.09	0.00	0.0	0	0.6	20.3	0.3	0.0	0.0	0.0	
VMP-10-20	10/21/2015	1013	0.00	0.00	0.0	0	0.4	20.8	0.6	0.0	0.0	0.0	
VMP-10-20	11/23/2015	1103	-0.10	0.00	0.0	0	0.3	20.7	0.0	0	0.0	0.0	
VMP-10-20	12/17/2015	1400	0.00	0.00	0.0	0	0.2	20.7	0.4	0	0.0	0.0	
VMP-10-20	1/20/2016	1500	0.00	-0.09	0.0	0	0.3	20.6	0.2	0.2	0.0	0.2	
VMP-10-20	2/17/2016	1307	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-10-20-Dup	2/17/2016	1307	NM	NM	0.0	0	0.0	20.8	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-10-20	3/22/2016	1025	0.00	0.00	0.0	0	0.1	20.9	0.3	0.0	0.0	0.0	
VMP-10-20	4/20/2016	1510	0.00	0.00	0.0	0	0.2	20.7	0.8	0.0	0.0	0.0	
VMP-10-20	5/19/2016	1140	-0.07	-0.05	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	
VMP-10-20	6/21/2016	1000	0.00	0.00	0.0	0	0.6	20.4	0.8	0.0	0.0	0.0	
VMP-10-20	7/20/2016	1208	0.00	0.0	0.0	0	0.7	20.1	0.3	0.0	0.0	0.0	
VMP-10-20	8/24/2016	1457	-0.15	0.00	0.0	0	1.1	19.9	0.2	0.0	0.0	0.0	
VMP-10-20	9/21/2016	1032	0.00	0.00	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-10-20	10/20/2016	1015	-0.11	-0.09	0.0	0	1.0	20.2	0.3	0.0	0.0	0.0	
VMP-10-20	11/16/2016	1008	0.00	0.00	0.0	0	0.7	20.4	0.1	0.0	0.0	0.0	
VMP-10-20	12/21/2016	0916	0.00	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-10-30	12/5/2012	1512	-0.08	-0.11	0.0	0	6.1	13.8	0.5	6.2	2.7	3.5	Initail sample after Public Works SVE startup.
VMP-10-30	12/6/2012	1318	-0.04	-0.04	0.0	0	5.9	14.0	0.2	1.9	0.0	1.9	
VMP-10-30	12/13/2012	1403	-0.03	-0.04	0.0	0	5.2	15.7	0.4	2.0	1.0	1.0	
VMP-10-30	12/19/2012	1336	-0.05	-0.12	0.0	0	4.4	16.6	0.3	3.1	0.0	3.1	
VMP-10-30	1/16/2013	934	-0.06	-0.09	0.0	0	2.6	18.8	0.2	1.2	0.0	1.2	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-10-30	2/25/2013	1055	-0.04	-0.10	0.0	0	1.7	19.2	0.3	1.0	0.0	1.0	
VMP-10-30	3/20/2013	1415	-0.06	-0.01	0.0	0	1.5	19.8	0.4	1.2	0.0	1.2	
VMP-10-30	4/25/2013	851	-0.23	-0.03	0.0	0	1.2	20.0	0.2	0.2	0.0	0.2	
VMP-10-30	5/22/2013	1435	-0.24	-0.26	0.0	0	1.1	19.7	0.6	1.3	0.0	1.3	
VMP-10-30	6/25/2013	1342	-0.19	-0.18	0.0	0	1.1	20.1	0.6	0.9	0.0	0.9	
VMP-10-30	7/24/2013	1336	-0.35	-0.34	0.0	0	1.0	20.0	0.4	0.5	0.0	0.5	
VMP-10-30	8/28/2013	1448	-0.20	-0.20	0.0	0	0.8	20.3	0.4	0.2	0.0	0.2	
VMP-10-30	9/26/2013	1110	-0.29	-0.27	0.0	0	0.6	20.3	0.5	2.0	0.0	2.0	
VMP-10-30	10/23/2013	1354	-0.46	-0.42	0.0	0	0.6	20.4	0.0	0.4	0.0	0.4	
VMP-10-30	11/20/2013	1241	-0.41	-0.37	0.0	0	0.6	20.5	0.5	1.1	0.0	1.1	
VMP-10-30	12/18/2013	1453	-0.42	-0.45	0.0	0	0.6	20.6	0.6	0.7	0.0	0.7	
VMP-10-30	1/29/2014	0925	-0.11	-0.21	0.0	0	0.5	20.6	0.4	1.48	0.0	1.48	
VMP-10-30	2/19/2014	1356	-0.15	-0.29	0.0	0	0.7	20.3	1.0	0.72	0.0	0.72	
VMP-10-30	3/19/2014	1345	-0.11	-0.13	0.0	0	0.6	20.5	0.8	1.3	0.0	1.3	
VMP-10-30	4/23/2014	1430	-0.26	-0.25	0.0	0	0.6	20.5	1.0	1.33	0.0	1.33	
VMP-10-30	5/21/2014	1356	-0.27	-0.26	0.0	0	0.5	20.7	1.2	1.44	0.0	1.44	
VMP-10-30	6/18/2014	1404	-0.29	-0.25	0.0	0	0.6	20.5	1.4	0.68	0.0	0.68	
VMP-10-30	7/23/2014	0910	-0.26	-0.34	0.0	0	0.7	20.3	1.5	0.96	0.0	0.96	
VMP-10-30	8/21/2014	1320	-0.34	-0.26	0.0	0	0.7	20.0	2.7	0.59	0.0	0.59	
VMP-10-30	9/17/2014	1126	-0.30	-0.34	0.0	0	0.9	20.1	1.1	0.49	0.0	0.49	
VMP-10-30	10/22/2014	0927	-0.40	-0.35	0.0	0	0.8	20.3	0.9	0.88	0.0	0.88	
VMP-10-30	11/19/2014	0916	-0.37	-0.25	0.0	0	0.6	20.4	0.8	0.68	0.0	0.68	
VMP-10-30	12/17/2014	1110	-0.31	-0.33	0.0	0	0.5	20.5	0.9	0.47	0.0	0.47	
VMP-10-30	1/28/2015	1124	-0.23	-0.26	0.0	0	0.3	20.7	0.7	0.4	0.0	0.4	
VMP-10-30	2/25/2015	1010	0.00	0.00	0.0	0	0.4	20.5	0.4	0.5	0.0	0.5	
VMP-10-30	3/25/2015	1140	0.00	0.13	0.0	0	0.3	20.5	0.5	0.7	0.0	0.7	
VMP-10-30	4/22/2015	1022	-0.41	-0.26	0.0	0	0.1	20.7	0.6	0.4	0.0	0.4	
VMP-10-30	5/20/2015	1225	-0.36	-0.34	0.0	0	0.3	20.6	0.3	1.0	0.0	1.0	
VMP-10-30	6/17/2015	0906	-0.32	-0.28	0.0	0	0.5	20.2	0.6	0.0	0.0	0.0	
VMP-10-30	7/22/2015	0856	-0.11	-0.13	0.0	0	0.7	20.1	0.3	0.0	0.0	0.0	
VMP-10-30	8/19/2015	1130	-0.17	-0.16	0.0	0	0.8	19.9	0.4	0.0	0.0	0.0	
VMP-10-30	9/16/2015	1105	-0.10	0.0	0.0	0	1.0	19.9	0.4	0.0	0.0	0.0	
VMP-10-30	10/21/2015	1015	0.00	0.00	0.0	0	0.9	20.3	0.7	0	0.0	0.0	
VMP-10-30	11/23/2015	1104	0.00	-0.16	0.0	0	0.8	20.2	0.0	0	0.0	0.0	
VMP-10-30	12/17/2015	1405	0.00	0.00	0.0	0	0.7	20.2	0.2	0	0.0	0.0	
VMP-10-30	1/20/2016	1505	0.00	-0.10	0.0	0	0.6	20.4	0.1	0.0	0.0	0.0	
VMP-10-30-Dup	1/20/2016	1505	NM	NM	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-10-30	2/17/2016	1307	0.27	-0.11	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-10-30	3/22/2016	1030	0.00	0.00	0.0	0	0.4	20.6	0.3	0.0	0.0	0.0	
VMP-10-30	4/20/2016	1515	0.00	0.00	0.0	0	0.4	20.5	0.9	0.0	0.0	0.0	
VMP-10-30	5/19/2016	1145	-0.09	-0.06	0.0	0	0.4	20.3	0.6	0.0	0.0	0.0	
VMP-10-30-Dup	5/19/2016	1145	NM	NM	0.0	0	0.4	20.4	0.6	0.0	0.0	0.0	Duplicate sample.
VMP-10-30	6/21/2016	1005	0.00	0.00	0.0	0	0.5	20.3	0.5	0.0	0.0	0.0	
VMP-10-30-Dup	6/21/2016	1010	NM	NM	0.0	0	0.5	20.3	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-10-30	7/20/2016	1209	0.00	0.0	0.0	0	0.7	20.1	0.2	0.0	0.0	0.0	
VMP-10-30	8/24/2016	1458	-0.16	0.00	0.0	0	1.1	19.9	0.4	0.0	0.0	0.0	
VMP-10-30	9/21/2016	1033	0.00	0.00	0.0	0	1.1	19.7	0.4	0.0	0.0	0.0	
VMP-10-30-Dup	9/21/2016	1033	NM	NM	0.0	0	1.2	19.6	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-10-30	10/20/2016	1017	-0.10	-0.09	0.0	0	1.3	19.9	0.2	0.0	0.0	0.0	
VMP-10-30	11/16/2016	1009	0.00	0.00	0.0	0	1.2	20.1	0.1	0.0	0.0	0.0	
VMP-10-30-Dup	11/16/2016	1009	NM	NM	0.0	0	1.2	20.0	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-10-30	12/21/2016	0921	0.00	0.00	0.0	0	0.9	20.0	0.1	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-11-5	12/3/2012	1542	-0.03	-0.02	0.0	0	1.4	18.8	0.3	3.3	0.0	3.3	Initail sample after Public Works SVE startup.
VMP-11-5	12/4/2012	1350	-0.05	-0.05	0.0	0	1.2	19.9	0.3	1.2	0.0	1.2	
VMP-11-5	12/13/2012	1521	-0.10	-0.04	0.0	0	0.7	20.2	0.1	0.5	0.0	0.5	
VMP-11-5	12/19/2012	1433	-0.02	-0.05	0.0	0	0.7	20.4	0.4	2.1	0.0	2.1	
VMP-11-5	1/16/2013	1515	-0.01	-0.01	0.0	0	0.3	20.6	0.8	6.2	0.0	6.2	
VMP-11-5	2/25/2013	907	-0.03	-0.03	0.0	0	0.2	20.7	3.4	8.6	0.0	8.6	
VMP-11-5	3/20/2013	1550	-0.05	-0.05	0.0	0	0.1	20.8	1.5	4.3	0.0	4.3	
VMP-11-5	4/25/2013	951	-0.07	0.00	0.0	0	0.3	20.7	0.3	1.1	0.0	1.1	
VMP-11-5	5/23/2013	801	-0.12	-0.16	0.0	0	0.7	20.3	0.4	1.0	0.0	1.0	
VMP-11-5	6/25/2013	1620	-0.05	-0.06	0.0	0	1.3	19.9	0.5	0.7	0.0	0.7	
VMP-11-5	7/24/2013	1357	-0.19	-0.20	0.0	0	0.4	20.6	1.1	2.2	0.0	2.2	
VMP-11-5	8/29/2013	0923	-0.13	-0.14	0.0	0	0.2	20.7	0.9	2.7	0.0	2.7	
VMP-11-5	9/25/2013	1400	-0.12	-0.06	0.0	0	0.2	20.8	1.8	2.3	0.0	2.3	
VMP-11-5	10/23/2013	1258	-0.19	-0.16	0.0	0	0.1	20.7	1.1	1.5	0.0	1.5	
VMP-11-5	11/20/2013	1207	-0.14	-0.15	0.0	0	0.1	20.9	0.2	1.8	0.0	1.8	
VMP-11-5	12/18/2013	1607	-0.15	-0.16	0.0	0	0.1	20.8	0.3	1.2	0.0	1.2	
VMP-11-5	1/29/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well tubing frozen into ice inside vault. Could not sample.
VMP-11-5	2/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well tubing frozen into ice inside vault. Could not sample.
VMP-11-5	3/20/2014	1001	0.00	0.00	0.0	0	0.2	20.9	0.8	0.65	0.0	0.65	
VMP-11-5	4/23/2014	1502	-0.04	-0.03	0.0	0	0.5	20.8	1.0	1.89	0.0	1.89	
VMP-11-5	5/22/2014	0904	-0.08	-0.09	0.0	0	0.9	20.5	0.8	1.58	0.0	1.58	
VMP-11-5	6/18/2014	1105	-0.05	-0.05	0.0	0	1.0	20.4	1.7	3.89	0.0	3.89	
VMP-11-5	7/23/2014	0944	-0.06	-0.09	0.0	0	1.0	20.2	1.5	1.17	0.0	1.17	
VMP-11-5	8/20/2014	1516	0.00	0.00	0.0	0	1.0	20.2	1.8	1.59	0.0	1.59	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-11-5	9/17/2014	1340	-0.05	-0.05	0.0	0	0.7	20.3	1.5	3.37	0.0	3.37	
VMP-11-5	10/22/2014	1347	-0.06	-0.06	0.0	0	0.4	20.7	1.8	0.75	0.0	0.75	
VMP-11-5	11/19/2014	1409	-0.08	-0.07	0.0	0	0.2	20.8	1.0	0.74	0.0	0.74	
VMP-11-5	12/17/2014	1323	0.00	0.00	0.0	0	0.2	20.9	0.7	0.87	0.0	0.87	
VMP-11-5	1/30/2015	0906	0.00	0.00	0.0	0	0.1	20.9	1.1	1.2	0.0	1.2	
VMP-11-5	2/25/2015	1517	0.00	-0.11	0.0	0	0.1	20.8	0.9	0.6	0.0	0.6	
VMP-11-5	3/25/2015	0941	0.00	0.00	0.0	0	0.2	20.8	0.4	1.4	0.0	1.4	
VMP-11-5	4/22/2015	1150	0.00	0.00	0.0	0	0.4	20.7	0.3	1.3	0.0	1.3	
VMP-11-5	5/20/2015	1350	0.00	0.00	0.0	0	0.8	20.1	0.2	1.7	0.0	1.7	
VMP-11-5	6/17/2015	1352	-0.10	0.00	0.0	0	1.0	19.9	0.5	0.0	0.0	0.0	
VMP-11-5	7/22/2015	1012	0.00	0.00	0.0	0	1.0	20.1	0.5	0.0	0.0	0.0	
VMP-11-5	8/19/2015	1345	-0.27	-0.10	0.0	0	1.0	19.8	0.4	0.0	0.0	0.0	
VMP-11-5	9/16/2015	1305	-0.34	-0.17	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	
VMP-11-5	10/21/2015	1258	0.00	0.00	0.0	0	0.2	20.8	0.0	0	0.0	0.0	
VMP-11-5	11/23/2015	1343	0.00	-0.09	0.0	0	0.2	20.8	0.0	0	0.0	0.0	
VMP-11-5	12/17/2015	1300	0.00	0.00	0.0	0	0.5	20.2	0.3	0	0.0	0.0	
VMP-11-5	1/22/2016	1032	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-11-5	2/17/2016	1520	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-11-5	3/22/2016	1330	0.00	0.00	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-11-5	4/21/2016	0845	0.00	-0.07	0.0	0	0.5	20.1	1.7	0.0	0.0	0.0	
VMP-11-5	5/19/2016	1330	-0.06	-0.08	0.0	0	0.5	20.2	2.3	0.8	0.0	0.8	
VMP-11-5	6/21/2016	1050	0.00	0.00	0.0	0	0.7	20.2	1.2	0.0	0.0	0.0	
VMP-11-5	7/20/2016	1433	0.00	0.00	0.0	0	0.8	19.8	1.2	0.0	0.0	0.0	
VMP-11-5	8/24/2016	0902	0.00	0.00	0.0	0	0.8	20.3	0.6	0.0	0.0	0.0	
VMP-11-5	9/21/2016	1357	0.00	0.0	0.0	0	0.8	20.2	0.6	0.0	0.0	0.0	
VMP-11-5	10/20/2016	1123	0.00	0.00	0.0	0	0.4	20.5	0.1	0.0	0.0	0.0	
VMP-11-5	11/16/2016	1101	0.00	0.00	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	
VMP-11-5	12/22/2016	1115	0.00	0.00	0.0	0	0.7	19.1	0.5	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-11-8	12/3/2012	1543	-0.05	-0.04	0.0	0	2.6	17.4	0.3	2.2	0.0	2.2	Initail sample after Public Works SVE startup.
VMP-11-8	12/4/2012	1351	-0.08	-0.08	0.0	0	2.6	18.6	0.4	1.0	0.0	1.0	
VMP-11-8	12/13/2012	1532	-0.11	-0.03	0.0	0	1.8	19.0	0.3	0.2	0.0	0.2	
VMP-11-8	12/19/2012	1437	-0.02	-0.07	0.0	0	1.8	19.0	0.5	1.4	0.0	1.4	
VMP-11-8	1/16/2013	1519	-0.02	-0.02	0.0	0	1.2	19.5	0.6	3.5	0.0	3.5	
VMP-11-8	2/25/2013	914	-0.07	-0.14	0.0	0	0.7	20.0	3.6	7.7	0.0	7.7	
VMP-11-8	3/20/2013	1554	-0.08	-0.08	0.0	0	0.4	20.6	0.6	2.6	0.0	2.6	
VMP-11-8	4/25/2013	956	-0.01	0.00	0.0	0	0.0	20.9	0.3	2.3	0.0	2.3	
VMP-11-8	5/23/2013	817	-0.17	-0.21	0.0	0	1.4	19.9	0.4	0.4	0.0	0.4	
VMP-11-8	6/25/2013	1624	-0.09	-0.09	0.0	0	2.1	19.3	0.4	0.2	0.0	0.2	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-11-8	7/24/2013	1402	-0.38	-0.27	0.0	0	1.3	19.8	0.9	2.2	0.0	2.2	
VMP-11-8	8/29/2013	0924	-0.19	-0.19	0.0	0	1.0	19.8	0.6	1.9	0.0	1.9	
VMP-11-8	9/25/2013	1404	-0.19	-0.23	0.0	0	0.9	20.1	1.3	1.2	0.0	1.2	
VMP-11-8	10/23/2013	1303	-0.26	-0.21	0.0	0	0.6	20.2	0.3	0.8	0.0	0.8	
VMP-11-8	11/20/2013	1212	-0.35	-0.31	0.0	0	0.6	20.3	0.3	1.3	0.0	1.3	
VMP-11-8	12/18/2013	1612	-0.37	-0.23	0.0	0	0.5	20.4	0.4	1.0	0.0	1.0	
VMP-11-8	1/29/2014	1437	-0.18	-0.16	0.0	0	0.6	20.4	0.3	1.05	0.0	1.05	
VMP-11-8	2/19/2014	1326	-0.08	-0.15	0.0	0	0.1	20.9	1.2	1.12	0.0	1.12	
VMP-11-8	3/20/2014	1002	0.00	0.00	0.0	0	0.3	20.9	0.9	0.56	0.0	0.56	
VMP-11-8	4/23/2014	1503	-0.05	-0.05	0.0	0	0.6	20.7	1.1	1.61	0.0	1.61	
VMP-11-8	5/22/2014	0905	-0.12	-0.12	0.0	0	1.4	20.0	1.2	2.18	0.0	2.18	
VMP-11-8	6/18/2014	1105	-0.10	-0.09	0.0	0	1.6	19.9	1.2	4.32	0.0	4.32	
VMP-11-8	7/23/2014	0944	-0.09	-0.10	0.0	0	2.0	19.2	1.5	1.82	0.0	1.82	
VMP-11-8	8/20/2014	1516	-0.07	-0.09	0.0	0	2.0	19.3	1.7	1.49	0.0	1.49	
VMP-11-8	9/17/2014	1341	-0.07	-0.09	0.0	0	1.7	19.3	1.4	2.76	0.0	2.76	
VMP-11-8	10/22/2014	1347	-0.07	-0.07	0.0	0	1.1	20.1	2.1	0.92	0.0	0.92	
VMP-11-8	11/19/2014	1410	-0.25	-0.28	0.0	0	0.9	20.0	1.2	1.11	0.0	1.11	
VMP-11-8-Dup	11/19/2014	1415	NM	NM	0.0	0	0.8	20.1	0.9	0.98	0.0	0.98	Duplicate sample.
VMP-11-8	12/17/2014	1328	-0.10	0.00	0.0	0	0.5	20.8	1.1	0.52	0.0	0.52	
VMP-11-8	1/30/2015	0911	-0.10	0.00	0.0	0	0.2	20.7	1.2	0.8	0.0	0.8	
VMP-11-8	2/25/2015	1518	-0.13	-0.15	0.0	0	0.2	20.7	0.8	0.4	0.0	0.4	
VMP-11-8-Dup	2/25/2015	1518	NM	NM	0.0	0	0.2	20.7	0.8	0.5	0.0	0.5	Duplicate sample.
VMP-11-8	3/25/2015	0942	-0.11	-0.12	0.0	0	0.3	20.7	0.5	0.9	0.0	0.9	
VMP-11-8	4/22/2015	1151	0.00	0.00	0.0	0	0.6	20.5	0.4	0.9	0.0	0.9	
VMP-11-8	5/20/2015	1355	0.00	-0.09	0.0	0	1.3	19.7	0.2	1.2	0.0	1.2	
VMP-11-8	6/17/2015	1356	-0.14	0.00	0.0	0	0.8	19.0	0.8	0.0	0.0	0.0	
VMP-11-8	7/22/2015	1016	-0.10	0.0	0.0	0	1.8	19.4	0.4	0.0	0.0	0.0	
VMP-11-8	8/19/2015	1350	-0.17	-0.10	0.0	0	2.1	18.7	0.4	0.0	0.0	0.0	
VMP-11-8	9/16/2015	1310	-0.96	-1.02	0.0	0	1.6	19.5	0.6	0.0	0.0	0.0	
VMP-11-8	10/21/2015	1300	-0.16	0.00	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-11-8	11/23/2015	1344	0.00	-0.13	0.0	0	0.9	20.0	0.0	0	0.0	0.0	
VMP-11-8	12/17/2015	1305	0.00	0.00	0.0	0	0.6	20.1	0.3	0	0.0	0.0	
VMP-11-8	1/22/2016	1037	-0.12	0.00	0.0	0	0.6	20.2	0.1	0.0	0.0	0.0	
VMP-11-8	2/17/2016	1521	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-11-8	3/22/2016	1335	0.00	0.00	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-11-8	4/21/2016	0850	-0.02	-0.09	0.0	0	0.5	19.9	1.9	0.0	0.0	0.0	
VMP-11-8	5/19/2016	1335	-0.10	-0.10	0.0	0	0.9	19.9	1.9	0.0	0.0	0.0	
VMP-11-8	6/21/2016	1055	0.00	0.00	0.0	0	1.5	19.4	1.7	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-11-8	7/20/2016	1434	0.00	0.0	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-11-8	8/24/2016	0903	0.00	0.00	0.0	0	1.9	19.2	0.8	0.0	0.0	0.0	
VMP-11-8	9/21/2016	1358	0.00	0.00	0.0	0	1.7	19.5	0.9	0.0	0.0	0.0	
VMP-11-8	10/20/2016	1128	0.00	0.00	0.0	0	1.3	19.7	0.2	0.0	0.0	0.0	
VMP-11-8	11/16/2016	1102	0.00	0.00	0.0	0	1.0	19.8	0.3	0.0	0.0	0.0	
VMP-11-8	12/22/2016	1118	-0.34	-0.33	0.0	0	1.0	18.8	0.2	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-11-29	12/3/2012	1544	-0.41	-0.35	0.0	0	4.8	16.7	0.4	2.9	0.0	2.9	Initail sample after Public Works SVE startup.
VMP-11-29	12/4/2012	1352	-0.54	-0.57	0.0	0	5.0	16.7	0.4	0.8	0.0	0.8	
VMP-11-29	12/13/2012	1542	-0.33	-0.29	0.0	0	4.7	17.3	0.3	0.4	0.0	0.4	
VMP-11-29	12/19/2012	1441	-0.18	-0.29	0.0	0	4.4	17.5	0.4	1.2	0.0	1.2	
VMP-11-29	1/16/2013	1523	-0.10	-0.11	0.0	0	3.2	18.6	1.2	9.8	0.0	9.8	
VMP-11-29	2/25/2013	919	-0.38	-0.38	0.0	0	2.3	19.2	2.2	5.2	0.0	5.2	
VMP-11-29	3/20/2013	1558	-0.43	-0.40	0.0	0	2.0	19.6	0.9	2.2	0.0	2.2	
VMP-11-29	4/25/2013	1001	-0.68	-0.15	0.0	0	1.4	19.9	0.3	0.5	0.0	0.5	
VMP-11-29	5/23/2013	808	-0.95	-1.07	0.0	0	1.3	19.5	0.5	0.2	0.0	0.2	
VMP-11-29	6/25/2013	1628	-0.57	-0.65	0.0	0	1.3	19.8	0.6	0.4	0.0	0.4	
VMP-11-29	7/24/2013	1406	-1.38	-4.46	0.0	0	1.7	19.3	1.3	1.4	0.0	1.4	
VMP-11-29	8/29/2013	0925	-1.25	-1.27	0.0	0	1.5	19.6	0.5	3.0	0.0	3.0	
VMP-11-29	9/25/2013	1407	-1.88	-1.48	0.0	0	1.5	20.0	1.5	0.4	0.0	0.4	
VMP-11-29	10/23/2013	1308	-1.86	-2.45	0.0	0	1.2	20.2	0.6	0.4	0.0	0.4	
VMP-11-29	11/20/2013	1217	-1.73	-1.75	0.0	0	1.0	20.5	0.4	0.7	0.0	0.7	
VMP-11-29	12/18/2013	1617	-1.49	-1.55	0.0	0	0.8	20.7	0.4	0.9	0.0	0.9	
VMP-11-29	1/29/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well tubing frozen into ice inside vault. Could not sample.
VMP-11-29	2/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well tubing frozen into ice inside vault. Could not sample.
VMP-11-29	3/20/2014	1003	0.00	-0.31	0.0	0	0.6	20.6	0.9	0.27	0.0	0.27	
VMP-11-29	4/23/2014	1503	-0.52	-0.52	0.0	0	0.6	20.6	0.7	1.42	0.0	1.42	
VMP-11-29	5/22/2014	0905	-0.95	-0.83	0.0	0	0.8	20.8	1.7	1.77	0.0	1.77	
VMP-11-29	6/18/2014	1106	-0.75	-0.73	0.0	0	1.4	19.7	2.0	3.48	0.0	3.48	
VMP-11-29	7/23/2014	0945	-0.72	-0.83	0.0	0	1.6	19.5	1.3	0.79	0.0	0.79	
VMP-11-29	8/20/2014	1516	-0.65	-0.76	0.0	0	1.6	19.5	2.2	0.75	0.0	0.75	
VMP-11-29	9/17/2014	1342	-0.67	-0.75	0.0	0	1.9	19.4	1.2	1.72	0.0	1.72	
VMP-11-29	10/22/2014	1348	-0.69	-0.73	0.0	0	1.5	19.8	1.8	0.36	0.0	0.36	
VMP-11-29	11/19/2014	1410	-0.84	-0.90	0.0	0	1.2	20.1	1.1	0.19	0.0	0.19	
VMP-11-29	12/17/2014	1332	-0.86	-0.92	0.0	0	0.8	20.6	1.2	0.36	0.0	0.36	
VMP-11-29	1/30/2015	0916	-0.64	-0.76	0.0	0	0.5	20.4	0.9	0.5	0.0	0.5	
VMP-11-29	2/25/2015	1519	-0.78	-0.86	0.0	0	0.5	20.5	0.8	0.1	0.0	0.1	
VMP-11-29	3/25/2015	0942	-1.07	-1.07	0.0	0	0.4	20.5	0.5	0.3	0.0	0.3	
VMP-11-29	4/22/2015	1152	-0.91	-0.80	0.0	0	0.5	20.3	0.5	0.5	0.0	0.5	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-11-29	5/20/2015	1400	-0.13	-0.89	0.0	0	0.5	20.2	0.2	1.7	0.0	1.7	
VMP-11-29	6/17/2015	1400	-1.06	-0.89	0.0	0	0.8	19.0	0.5	0.0	0.0	0.0	
VMP-11-29	7/22/2015	1020	-1.09	-0.80	0.0	0	1.0	19.6	0.3	0.0	0.0	0.0	
VMP-11-29	8/19/2015	1355	-0.64	-1.12	0.0	0	1.7	19.2	0.3	0.0	0.0	0.0	
VMP-11-29	9/16/2015	1315	-0.46	-0.10	0.0	0	1.4	19.9	0.3	0.0	0.0	0.0	
VMP-11-29	10/21/2015	1302	-0.61	-0.73	0.0	0	1.7	19.7	0.3	0	0.0	0.0	
VMP-11-29	11/23/2015	1345	-0.93	-0.99	0.0	0	1.6	19.7	0.0	0	0.0	0.0	
VMP-11-29	12/17/2015	13310	0.18	0.00	0.0	0	1.2	20.0	0.3	0	0.0	0.0	
VMP-11-29	1/22/2016	1042	-5.24	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-11-29	2/17/2016	1522	-1.17	-0.77	0.0	0	0.7	20.3	0.1	0.0	0.0	0.0	
VMP-11-29	3/22/2016	1340	-0.61	-0.58	0.0	0	0.6	20.4	0.3	0.0	0.0	0.0	
VMP-11-29	4/21/2016	0855	-0.23	-0.74	0.0	0	0.7	20.2	2.2	0.0	0.0	0.0	
VMP-11-29	5/19/2016	1340	-0.98	-0.98	0.0	0	0.7	19.6	1.9	0.4	0.0	0.4	
VMP-11-29	6/21/2016	1100	-1.01	-0.89	0.0	0	1.1	19.7	2.5	0.5	0.0	0.5	
VMP-11-29	7/20/2016	1435	-0.62	-0.71	0.0	0	1.3	19.4	0.6	0.0	0.0	0.0	
VMP-11-29	8/24/2016	0904	-0.78	-0.89	0.0	0	1.7	18.7	0.4	0.0	0.0	0.0	
VMP-11-29	9/21/2016	1359	-0.26	-0.22	0.0	0	1.1	19.8	0.4	0.0	0.0	0.0	
VMP-11-29	10/20/2016	1131	-0.69	-0.61	0.0	0	2.0	19.4	0.2	0.0	0.0	0.0	
VMP-11-29	11/16/2016	1103	-0.09	0.00	0.0	0	1.7	19.2	0.3	0.0	0.0	0.0	
VMP-11-29	12/22/2016	1121	0.23	-0.37	0.0	0	1.4	19.5	0.2	0.0	0.0	0.0	Initial vacuum measured at -0.45 inwc on 12/28/2016.
VMP-11-38	12/3/2012	1545	-0.40	-0.36	0.0	0	10.6	10.6	0.6	13.8	12.7	1.1	Initail sample after Public Works SVE startup.
VMP-11-38	12/4/2012	1353	-0.52	-0.56	0.0	0	9.5	11.9	0.5	7.4	7.3	0.1	
VMP-11-38	12/13/2012	1546	-0.34	-0.28	0.0	0	10.2	11.2	0.5	13.6	13.6	0.0	
VMP-11-38	12/19/2012	1445	-0.16	-0.27	0.0	0	10.1	11.3	0.5	8.1	8.1	0.0	
VMP-11-38	1/16/2013	1527	-0.10	-0.11	0.0	0	8.7	12.9	1.2	12.8	8.5	4.3	
VMP-11-38	2/25/2013	924	-0.38	-0.38	0.0	0	7.6	14.1	2.2	11.2	9.4	1.8	
VMP-11-38	3/20/2013	1602	-0.42	-0.38	0.0	0	6.4	15.9	1.2	6.1	1.3	4.8	
VMP-11-38	4/25/2013	1006	-0.69	-0.15	0.0	0	4.7	17.3	0.6	1.4	0.0	1.4	
VMP-11-38	5/23/2013	808	-0.96	-1.07	0.0	0	3.8	17.8	0.4	0.1	0.0	0.1	
VMP-11-38	6/25/2013	1632	-0.55	-0.57	0.0	0	3.1	18.8	0.5	0.1	0.0	0.1	
VMP-11-38	7/24/2013	1410	-1.42	-1.39	0.0	0	2.8	18.2	0.9	1.1	0.0	1.1	
VMP-11-38	8/29/2013	0926	-1.25	-1.26	0.0	0	2.7	18.5	0.6	0.2	0.0	0.2	
VMP-11-38	9/25/2013	1410	-1.42	-1.48	0.0	0	2.9	18.9	1.3	0.6	0.0	0.6	
VMP-11-38	10/23/2013	1313	-1.93	-1.56	0.0	0	2.8	18.7	0.1	0.5	0.0	0.5	
VMP-11-38	11/20/2013	1222	-1.72	-1.72	0.0	0	2.6	19.0	0.1	1.2	0.0	1.2	
VMP-11-38	12/18/2013	1622	-1.46	-1.50	0.0	0	2.5	19.1	0.7	1.4	0.0	1.4	
VMP-11-38	1/29/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well tubing frozen into ice inside vault. Could not sample.
VMP-11-38	2/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well tubing frozen into ice inside vault. Could not sample.

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-11-38	3/20/2014	1004	-0.40	-0.33	0.0	0	1.9	19.6	1.1	0.59	0.0	0.59	
VMP-11-38	4/23/2014	1504	-0.54	-0.55	0.0	0	2.3	18.9	0.9	4.28	0.0	4.28	
VMP-11-38	5/22/2014	0905	-0.98	-0.85	0.0	0	1.6	19.2	1.0	1.35	0.0	1.35	
VMP-11-38	6/18/2014	1107	-0.78	-0.74	0.0	0	1.4	19.0	1.7	2.89	0.0	2.89	
VMP-11-38	7/23/2014	0945	-0.72	-0.86	0.0	0	1.6	19.0	1.5	0.98	0.0	0.98	
VMP-11-38	8/20/2014	1516	-0.68	-0.78	0.0	0	1.7	19.3	1.9	1.69	0.0	1.69	
VMP-11-38	9/17/2014	1343	-0.68	-0.78	0.0	0	0.1	20.9	1.4	3.75	0.0	3.75	Ambient air present in sample. Resampled.
VMP-11-38	9/18/2014	1357	-0.68	NM	0.0	0	2.1	19.2	0.8	0.31	0.0	0.31	Resample.
VMP-11-38	10/22/2014	1348	-0.71	-0.77	0.0	0	2.1	19.2	1.4	0.56	0.0	0.56	
VMP-11-38	11/19/2014	1411	-0.87	-0.93	0.0	0	1.8	19.6	1.0	0.22	0.0	0.22	
VMP-11-38	12/17/2014	1336	-0.89	-0.95	0.0	0	1.8	19.5	1.2	2.78	0.0	2.78	
VMP-11-38	1/30/2015	0907	-0.96	-0.79	0.0	0	1.4	19.7	1.2	1.8	0.0	1.8	
VMP-11-38	2/25/2015	1519	-0.81	-0.90	0.0	0	1.5	19.1	0.9	3.2	0.0	3.2	
VMP-11-38	3/25/2015	0943	-1.12	-1.13	0.0	0	1.3	19.8	0.6	1.9	0.0	1.9	
VMP-11-38	4/22/2015	1138	-0.93	-0.82	0.0	0	1.5	19.6	0.6	2.4	0.0	2.4	
VMP-11-38	5/20/2015	1405	-0.96	-1.04	0.0	0	1.1	19.7	0.2	2.2	0.0	2.2	
VMP-11-38	6/17/2015	1404	-1.11	-0.90	0.0	0	1.1	19.5	0.4	0.4	0.0	0.4	
VMP-11-38	7/22/2015	1024	-0.87	-0.84	0.0	0	1.3	19.2	0.4	0.2	0.0	0.2	
VMP-11-38	8/19/2015	1400	-0.58	-1.13	0.0	0	1.4	19.3	0.4	0.0	0.0	0.0	
VMP-11-38	9/16/2015	1320	-0.84	-0.76	0.0	0	1.6	19.3	0.8	0.0	0.0	0.0	
VMP-11-38	10/21/2015	1304	-0.74	-0.76	0.0	0	1.8	19.6	0.2	0	0.0	0.0	
VMP-11-38	11/23/2015	1346	-0.97	-1.02	0.0	0	1.3	19.9	0.0	0	0.0	0.0	
VMP-11-38	12/17/2015	1315	0.00	0.00	0.0	0	1.6	19.6	0.3	0	0.0	0.0	
VMP-11-38	1/22/2016	1047	-1.03	-0.98	0.0	0	1.5	19.7	0.1	0.0	0.0	0.0	
VMP-11-38	2/17/2016	1523	-0.94	-0.96	0.0	0	1.2	20.0	0.2	0.0	0.0	0.0	
VMP-11-38	3/22/2016	1345	-0.64	-0.59	0.0	0	1.0	20.2	0.3	0.0	0.0	0.0	
VMP-11-38	4/21/2016	0900	-0.24	-0.58	0.0	0	1.0	19.9	2.1	0.3	0.0	0.3	
VMP-11-38	5/19/2016	1345	-0.92	-0.93	0.0	0	0.8	19.6	2.2	0.4	0.0	0.4	
VMP-11-38	6/21/2016	1105	-0.97	-0.84	0.0	0	0.8	20.1	2.1	0.6	0.0	0.6	
VMP-11-38	7/20/2016	1436	-0.62	-0.72	0.0	0	1.2	19.4	0.9	0.0	0.0	0.0	
VMP-11-38	8/24/2016	0905	-0.75	-0.82	0.0	0	1.4	18.9	0.7	0.0	0.0	0.0	
VMP-11-38	9/21/2016	1400	-0.21	-0.17	0.0	0	1.7	19.1	0.6	0.0	0.0	0.0	
VMP-11-38	10/20/2016	1134	-0.65	-0.64	0.0	0	2.0	19.0	0.2	0.0	0.0	0.0	
VMP-11-38	11/16/2016	1104	0.00	0.00	0.0	0	2.0	18.8	0.1	0.0	0.0	0.0	
VMP-11-38	12/22/2016	1124	0.34	0.13	0.0	0	1.6	19.0	0.1	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-12-5	2/6/2012	1020	-0.14	-0.07	23.1	OVR	11.9	1.0	35.9	125000	100000	25000	
VMP-12-5	2/7/2012	822	-0.29	-0.21	0.1	3	10.8	4.5	21.3	912	880	31.9	
VMP-12-5	2/8/2012	826	-0.28	-0.26	0.0	0	5.6	16.6	4.5	9.1	0.0	9.1	

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APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-12-5	2/15/2012	850	-0.12	-0.19	0.0	0	3.1	18.0	15.0	101	8.1	92.9	
VMP-12-5	2/22/2012	1025	0.08	0.05	1.8	36	4.2	9.4	21.8	15310	12780	2530	
VMP-12-5	2/29/2012	1409	0.07	0.08	OVR	OVR	8.9	1.1	31.1	884000	790000	94000	
VMP-12-5	3/6/2012	925	-0.05	-0.02	0.2	5	8.5	5.0	2.6	1300	1300	0.0	Benzene Reading: 2.8 ppm
VMP-12-5	3/7/2012	850	-0.07	-0.03	8.9	OVR	9.2	2.8	15.7	49330	35700	13630	Benzene Reading: 0.0 ppm
VMP-12-5	3/21/2012	840	-0.23	-0.36	0.0	0	4.2	12.6	0.4	339	176	163	
VMP-12-5	4/18/2012	1120	-0.35	-0.25	0.0	0	2.6	15.3	1.3	4.4	0.0	4.4	
VMP-12-5	5/16/2012	821	-1.28	-1.20	0.0	0	2.5	18.5	2.9	3.9	0.0	3.9	
VMP-12-5	6/20/2012	900	-0.28	-0.23	0.0	0	0.4	20.5	0.8	0.5	0.0	0.5	
VMP-12-5	7/18/2012	935	-0.20	-0.17	0.0	0	0.1	20.8	0.7	3.1	0.0	3.1	
VMP-12-5	8/15/2012	846	-0.30	-0.26	0.0	0	0.2	20.8	0.5	4.4	0.0	4.4	
VMP-12-5	9/19/2012	925	-0.65	-0.48	0.0	0	0.3	20.2	0.4	1.6	0.0	1.6	
VMP-12-5	10/17/2012	859	-0.54	-0.49	0.0	0	0.1	20.8	0.2	1.2	0.0	1.2	
VMP-12-5	11/20/2012	923	-0.79	-0.70	0.0	0	0.0	20.9	0.5	2.9	0.0	2.9	
VMP-12-5	12/19/2012	830	-0.46	-0.48	0.0	0	0.3	20.1	0.1	0.3	0.0	0.3	
VMP-12-5	1/16/2013	915	-0.37	-0.21	0.0	0	0.1	20.6	0.1	0.5	0.0	0.5	
VMP-12-5	2/25/2013	1255	-0.11	0.08	0.0	0	0.0	20.9	0.1	0.2	0.0	0.2	
VMP-12-5	3/20/2013	941	-1.21	-1.91	0.0	0	0.1	20.0	0.1	0.3	0.0	0.3	
VMP-12-5	4/25/2013	1435	-0.77	-0.74	0.0	0	0.2	19.8	0.8	2.5	0.0	2.5	
VMP-12-5	5/22/2013	944	-0.98	-1.02	0.0	0	0.3	20.4	0.5	3.0	0.0	3.0	
VMP-12-5	6/25/2013	905	-1.07	-0.92	0.0	0	0.8	18.8	0.3	1.2	0.0	1.2	
VMP-12-5	7/24/2013	0831	-2.37	-1.12	0.0	0	0.9	19.9	0.1	0.1	0.0	0.1	
VMP-12-5	8/28/2013	0853	-0.80	-0.73	0.0	0	0.5	20.5	0.3	1.4	0.0	1.4	
VMP-12-5	9/25/2013	0900	-1.75	-1.62	0.0	0	0.2	20.8	0.4	2.1	0.0	2.1	
VMP-12-5	10/23/2013	0826	-2.14	-2.08	0.0	0	0.2	20.7	0.6	1.4	0.0	1.4	
VMP-12-5	11/20/2013	0820	-2.48	-2.38	0.0	0	0.1	20.7	1.2	7.4	3.8	3.6	
VMP-12-5	12/18/2013	0936	-1.43	-1.47	0.0	0	0.1	20.8	1.0	1.0	0.0	1.0	
VMP-12-5	1/29/2014	0858	-1.72	-1.05	0.0	0	0.1	20.9	0.9	4.93	0.0	4.93	
VMP-12-5	2/25/2014	1003	0.00	-0.07	0.0	0	0.1	20.5	1.8	3.75	0.0	3.75	
VMP-12-5	3/19/2014	0948	-1.73	-1.69	0.0	0	0.1	20.9	0.7	1.93	0.0	1.93	
VMP-12-5	4/23/2014	0852	-1.67	-1.53	0.0	0	0.1	20.9	0.9	3.34	0.0	3.34	
VMP-12-5	5/21/2014	0910	-1.68	-1.56	0.0	0	0.2	20.7	2.6	2.21	0.0	2.21	
VMP-12-5	6/18/2014	0843	-1.74	-1.56	0.0	0	0.4	20.5	1.1	2.92	0.0	2.92	
VMP-12-5	7/23/2014	0901	-1.95	-1.53	0.0	0	0.3	20.7	1.5	1.55	0.0	1.55	
VMP-12-5	8/20/2014	0914	-1.78	-1.83	0.0	0	0.4	20.2	1.2	0.56	0.0	0.56	
VMP-12-5	9/17/2014	0953	-1.94	-6.61	0.0	0	0.3	20.7	0.9	1.88	0.0	1.88	
VMP-12-5	10/22/2014	1231	-2.72	-1.65	0.0	0	0.1	20.8	1.3	2.67	0.0	2.67	
VMP-12-5	11/19/2014	1310	-2.38	-2.14	0.0	0	0.1	20.8	0.6	1.82	0.0	1.82	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-12-5	12/17/2014	0914	-2.19	-2.23	0.0	0	0.1	20.8	0.6	1.05	0.0	1.05	
VMP-12-5	1/28/2015	1346	-0.72	-0.90	0.0	0	0.1	20.9	0.6	0.7	0.0	0.7	
VMP-12-5	2/25/2015	1251	-1.70	-1.53	0.0	0	0.1	20.9	0.4	0.7	0.0	0.7	
VMP-12-5	3/25/2015	0924	-2.36	-2.74	0.0	0	0.1	20.9	0.4	1.7	0.0	1.7	
VMP-12-5	4/22/2015	1338	-2.35	-1.75	0.0	0	0.1	20.8	0.6	0.5	0.0	0.5	
VMP-12-5	5/20/2015	1312	-2.96	-2.13	0.0	0	0.1	20.4	0.0	1.8	0.0	1.8	
VMP-12-5	6/17/2015	1215	-4.18	-2.70	0.0	0	0.2	20.4	0.8	1.8	0.0	1.8	
VMP-12-5	7/22/2015	1233	-1.54	-1.93	0.0	0	0.1	20.6	0.3	0.0	0.0	0.0	
VMP-12-5	8/19/2015	1230	-2.61	-2.37	0.0	0	0.2	20.5	0.3	0.0	0.0	0.0	
VMP-12-5	9/16/2015	1212	-3.30	0.0	0.0	0	0.1	20.9	1.9	0.7	0.0	0.7	
VMP-12-5	10/21/2015	0931	-0.91	-0.81	0.0	0	0.0	20.9	0.7	0	0.0	0.0	
VMP-12-5	11/23/2015	1215	-3.02	-2.15	0.0	0	0.0	20.8	0.0	0	0.0	0.0	
VMP-12-5	12/16/2015	1250	-1.55	-2.92	0.0	0	0.0	20.9	0.3	0	0.0	0.0	
VMP-12-5	1/20/2016	1345	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-12-5	2/17/2016	1215	-2.08	-1.28	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-12-5	3/22/2016	0950	-2.28	-2.10	0.0	0	0.0	20.9	0.3	0.4	0.0	0.4	
VMP-12-5	4/20/2016	0907	-1.67	0.18	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-12-5	5/18/2016	0910	-4.10	-4.09	0.0	0	0.0	20.9	0.5	0.1	0.0	0.1	
VMP-12-5	6/21/2016	1205	-2.38	-2.30	0.0	0	0.0	20.9	0.9	0.0	0.0	0.0	
VMP-12-5	7/21/2016	0839	-2.53	-2.33	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	8/24/2016	1325	-3.07	-2.92	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-12-5	9/21/2016	0848	-2.41	-2.41	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-5	10/20/2016	0848	-1.82	-1.45	0.0	0	0.0	20.8	0.0	0.0	0.0	0.0	
VMP-12-5	11/16/2016	0904	-0.67	-0.57	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-12-5	12/21/2016	0848	-0.12	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-12-11.5	2/6/2012	1021	-0.25	-0.17	23.4	OVR	13.7	1.3	28.6	108000	100000	8000	
VMP-12-11.5	2/7/2012	823	-0.67	-0.37	0.1	2	7.0	15.2	9.6	1085	744	341	
VMP-12-11.5	2/8/2012	827	-0.56	-0.48	0.0	0	3.1	18.3	4.5	831	807	24.5	
VMP-12-11.5	2/15/2012	851	-0.20	-0.17	2.1	43	6.3	12.0	9.4	20750	18300	2450	
VMP-12-11.5	2/22/2012	1026	0.13	0.11	OVR	OVR	10.7	3.9	34.5	748000	748000	0.0	
VMP-12-11.5	2/29/2012	1410	0.13	0.09	OVR	OVR	11.2	3.2	32.4	1000000	1000000	0.0	
VMP-12-11.5	3/6/2012	928	-0.13	-0.09	OVR	OVR	10.9	1.9	30.0	1000000	504000	496000	Benzene Reading: 6.9 ppm
VMP-12-11.5	3/7/2012	851	-0.10	-0.07	67.2	OVR	9.0	1.9	28.3	185000	73000	112000	Benzene Reading: 5.7 ppm
VMP-12-11.5	3/21/2012	841	-0.50	-0.05	0.8	16	4.4	14.7	0.5	8400	8400	0.0	
VMP-12-11.5	4/18/2012	1121	-0.43	-0.36	1.6	33	7.8	8.4	4.4	18000	16100	1900	
VMP-12-11.5	5/16/2012	821	-0.72	-0.69	0.0	0	1.7	19.0	3.9	36.4	12.2	24.2	
VMP-12-11.5	6/20/2012	904	-0.65	-0.54	0.0	0	0.4	20.4	0.4	0.0	0.0	0.0	
VMP-12-11.5	7/18/2012	939	-0.52	-0.46	0.0	0	0.1	20.8	0.8	3.2	0.0	3.2	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-12-11.5	8/15/2012	850	-0.57	-0.48	0.0	0	0.2	20.8	0.6	3.6	0.0	3.6	
VMP-12-11.5	9/19/2012	925	-0.98	-0.80	0.0	0	0.1	20.7	0.9	3.3	0.0	3.3	
VMP-12-11.5	10/17/2012	900	-0.90	-0.74	0.0	0	0.1	20.9	0.3	2.3	0.0	2.3	
VMP-12-11.5	11/20/2012	924	-1.30	-1.16	0.0	0	0.0	20.9	0.6	2.4	0.0	2.4	
VMP-12-11.5	12/19/2012	834	-0.55	-0.61	0.0	0	0.3	20.6	0.1	0.6	0.0	0.6	
VMP-12-11.5	1/16/2013	920	-0.48	-0.28	0.0	0	0.2	20.7	0.1	1.6	0.0	1.6	
VMP-12-11.5	2/25/2013	1259	-0.93	0.05	0.0	0	2.9	13.8	0.2	0.8	0.0	0.8	
VMP-12-11.5	3/20/2013	947	-1.22	-1.15	0.0	0	1.3	18.3	0.3	2.8	0.0	2.8	
VMP-12-11.5	4/25/2013	1441	-0.75	-0.76	0.0	0	5.2	9.9	1.0	33.8	21.5	12.3	
VMP-12-11.5	5/22/2013	945	-1.02	-1.07	0.0	0	0.8	19.7	0.5	0.5	0.0	0.5	
VMP-12-11.5	6/25/2013	909	-1.15	-1.03	0.0	0	1.1	19.2	0.3	1.1	0.0	1.1	
VMP-12-11.5	7/24/2013	0841	-1.23	-1.23	0.0	0	0.9	20.2	0.2	1.3	0.0	1.3	
VMP-12-11.5	8/28/2013	0857	-1.42	-0.99	0.0	0	0.6	20.4	0.4	1.6	0.0	1.6	
VMP-12-11.5	9/25/2013	0904	-1.99	-1.82	0.0	0	0.4	20.6	0.4	1.9	0.0	1.9	
VMP-12-11.5	10/23/2013	0831	-2.24	-2.23	0.0	0	0.2	20.7	0.6	1.6	0	1.6	
VMP-12-11.5	11/20/2013	0825	-2.82	-2.53	0.0	0	0.2	20.8	1.7	6.9	2.9	4.0	
VMP-12-11.5	12/18/2013	0941	-1.60	-1.29	0.0	0	0.1	20.9	1.0	1.5	0.0	1.5	
VMP-12-11.5	1/29/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well tubing frozen into ice inside vault. Could not sample.
VMP-12-11.5	2/25/2014	1008	-2.04	-0.56	0.0	0	2.6	15.1	1.5	1.79	0.0	1.79	
VMP-12-11.5	3/19/2014	0949	-1.99	-1.89	0.0	0	0.1	20.9	0.8	1.26	0.0	1.26	
VMP-12-11.5	4/23/2014	0852	-1.84	-1.70	0.0	0	0.1	20.9	0.8	2.25	0.0	2.25	
VMP-12-11.5	5/21/2014	0910	-1.76	-1.67	0.0	0	0.3	20.8	2.0	2.08	0.0	2.08	
VMP-12-11.5	6/18/2014	0843	-1.85	-1.68	0.0	0	0.3	20.6	1.6	3.23	0.0	3.23	
VMP-12-11.5	7/23/2014	0906	-2.38	-1.70	0.0	0	0.4	20.6	1.7	1.45	0.0	1.45	
VMP-12-11.5	8/20/2014	0919	-0.11	-2.20	0.0	0	0.4	20.4	1.2	0.89	0.0	0.89	
VMP-12-11.5	9/17/2014	0958	-2.25	-3.56	0.0	0	0.2	20.7	1.0	1.85	0.0	1.85	
VMP-12-11.5	10/22/2014	1232	-2.14	-2.12	0.0	0	0.1	20.8	1.6	2.84	0.0	2.84	
VMP-12-11.5	11/19/2014	1311	-2.09	-2.09	0.0	0	0.6	20.3	0.8	0.79	0.0	0.79	
VMP-12-11.5	12/17/2014	0919	-2.76	-2.32	0.0	0	0.1	20.9	0.6	1.81	0.0	1.81	
VMP-12-11.5	1/28/2015	1353	-1.46	-1.51	0.0	0	0.0	20.9	0.6	1.0	0.0	1.0	
VMP-12-11.5	2/25/2015	1256	-1.49	-1.59	0.0	0	0.1	20.5	0.7	0.6	0.0	0.6	
VMP-12-11.5	3/25/2015	0927	-2.37	-2.56	0.0	0	0.1	20.7	0.5	1.3	0.0	1.3	
VMP-12-11.5	4/22/2015	1342	-2.11	-2.01	0.0	0	0.0	20.9	0.4	1.1	0.0	1.1	
VMP-12-11.5	5/20/2015	1317	-2.16	-2.15	0.0	0	0.2	20.7	0.1	1.9	0.0	1.9	
VMP-12-11.5	6/17/2015	1220	-2.93	-5.32	0.0	0	0.2	20.7	0.8	2.2	0.0	2.2	
VMP-12-11.5	7/22/2015	1238	-2.37	-2.62	0.0	0	0.3	20.5	0.4	0.0	0.0	0.0	
VMP-12-11.5	8/19/2015	1235	-2.69	-2.70	0.0	0	0.4	20.4	0.4	0.0	0.0	0.0	
VMP-12-11.5	9/16/2015	1217	-2.74	-2.78	0.0	0	0.1	20.8	0.9	0.1	0.0	0.1	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-12-11.5	10/21/2015	0937	-2.64	-2.32	0.0	0	0.0	20.9	0.5	0	0.0	0.0	
VMP-12-11.5	11/23/2015	1220	-2.45	-3.54	0.0	0	0.1	20.6	0.0	0	0.0	0.0	
VMP-12-11.5	12/16/2015	1255	-3.65	-3.49	0.0	0	0.1	20.7	0.3	0	0.0	0.0	
VMP-12-11.5	1/22/2016	1350	-2.40	-2.46	0.0	0	0.0	20.9	7.1	34.6	3.9	30.7	
VMP-12-11.5	2/17/2016	1220	-3.21	-3.24	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-12-11.5	3/22/2016	0955	-2.73	-2.55	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-12-11.5	4/20/2016	0912	1.10	0.20	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-12-11.5	5/18/2016	0915	-4.12	-4.13	0.0	0	0.2	20.7	0.7	0.0	0.0	0.0	
VMP-12-11.5	6/21/2016	1210	-3.10	-3.01	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-12-11.5	7/21/2016	0843	-2.55	-2.48	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-11.5-Dup	7/21/2016	0843	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-12-11.5	8/24/2016	1326	0.00	-0.32	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-12-11.5	9/21/2016	0850	-2.71	-0.24	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-11.5	10/20/2016	0849	-0.37	-0.13	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-12-11.5	11/16/2016	0905	-0.59	-0.71	0.0	0	0.1	20.7	0.3	0.0	0.0	0.0	
VMP-12-11.5	12/21/2016	0854	-0.26	-0.09	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-12-25	2/6/2012	1022	-0.43	-0.21	OVR	OVR	12.8	0.9	76.3	1000000	453000	547000	
VMP-12-25	2/7/2012	824	-0.85	-0.43	OVR	OVR	12.1	2.0	69.6	821000	525000	296000	
VMP-12-25	2/8/2012	828	-0.59	-0.50	OVR	OVR	12.1	1.5	67.1	684000	598000	86000	
VMP-12-25	2/15/2012	852	-0.19	-0.37	OVR	OVR	12.2	1.5	50.0	850000	850000	0.0	
VMP-12-25	2/22/2012	1027	0.18	0.16	OVR	OVR	12.0	1.3	50.3	1000000	1000000	0.0	
VMP-12-25	2/29/2012	1411	-0.44	-0.34	OVR	OVR	12.4	1.5	50.3	1000000	950000	50000	
VMP-12-25	3/6/2012	931	-0.55	-0.34	OVR	OVR	11.5	1.3	51.6	1000000	1000000	0.0	Benzene Reading: 23.0 ppm
VMP-12-25	3/7/2012	852	-0.30	-0.17	OVR	OVR	12.1	1.7	43.7	957000	666000	291000	Benzene Reading: 19.4 ppm
VMP-12-25	3/21/2012	842	-0.60	-0.62	OVR	OVR	11.5	0.5	37.8	1000000	1000000	0.0	
VMP-12-25	4/18/2012	1122	-0.54	-0.46	OVR	OVR	9.5	1.0	45.0	624000	444000	180000	
VMP-12-25	5/16/2012	822	-0.86	-0.83	OVR	OVR	9.1	2.1	46.1	271000	222000	49000	
VMP-12-25	6/20/2012	908	-0.88	-0.73	48.3	OVR	9.4	1.4	62.0	108000	83000	25000	
VMP-12-25	7/18/2012	949	-0.80	-0.68	30.4	OVR	10.1	1.8	74.5	58500	46700	11800	
VMP-12-25	8/15/2012	855	-0.93	-0.77	12.7	OVR	13.7	0.7	84.0	20800	20200	600	
VMP-12-25	9/19/2012	925	-1.51	-1.30	0.9	18	12.4	3.8	29.2	8000	6100	1900	
VMP-12-25	10/17/2012	901	-1.29	-1.17	11.5	OVR	13.5	0.7	98.5	24100	18400	5700	
VMP-12-25	11/20/2012	929	-1.96	-1.84	0.1	2	6.0	11.1	24.9	324	83.0	241	
VMP-12-25	12/19/2012	838	-0.67	-0.77	23.2	OVR	13.1	1.1	46.9	106000	91000	15000	
VMP-12-25	1/16/2013	925	-0.61	-0.36	27.0	OVR	12.7	1.3	46.5	116000	93000	23000	
VMP-12-25	2/25/2013	1304	-0.20	-0.80	57.2	OVR	13.0	1.0	29.2	171000	134000	37000	
VMP-12-25	3/20/2013	1000	-0.67	-1.30	34.2	OVR	11.8	1.2	17.4	257000	234000	23000	
VMP-12-25	4/25/2013	1446	-0.70	-0.85	67.7	OVR	11.9	1.2	44.2	243000	213000	30000	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-12-25	5/22/2013	946	-1.17	-1.23	76.3	OVR	12.0	1.0	30.0	540000	500000	40000	
VMP-12-25	6/25/2013	913	-1.33	-1.21	85.0	OVR	12.7	1.4	38.2	433000	347000	86000	
VMP-12-25	7/24/2013	0845	-1.54	-1.55	6.2	OVR	13.8	1.6	12.75	42700	40900	1800	
VMP-12-25	8/28/2013	0900	-1.32	-1.29	47.2	OVR	15.8	0.7	27.8	247000	210000	37000	
VMP-12-25	9/25/2013	0906	-2.44	-2.30	15.2	OVR	14.7	1.7	38.9	83200	77600	5600	
VMP-12-25	10/23/2013	0836	-2.78	-2.76	1.6	32	12.7	2.9	8.62	17600	15600	2000	
VMP-12-25	11/20/2013	0830	-3.24	-3.16	0.1	2	10.7	4.9	4.2	954	672	282	
VMP-12-25	12/18/2013	0946	-2.28	-2.24	0.0	0	1.2	19.8	0.5	3.5	0.0	3.5	
VMP-12-25	1/29/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well tubing frozen into ice inside vault. Could not sample.
VMP-12-25	2/25/2014	1013	-0.65	0.05	0.0	0	0.0	20.9	1.6	5.21	2.8	2.42	
VMP-12-25	3/19/2014	0950	-2.55	-2.49	0.0	0	3.8	17.7	0.6	0.17	0.0	0.17	
VMP-12-25	4/23/2014	0853	-2.10	-1.71	0.0	0	1.0	20.0	1.0	2.27	0.0	2.27	
VMP-12-25	5/21/2014	0911	-2.27	-2.26	0.0	0	1.0	20.1	3.5	8.74	7.4	1.37	
VMP-12-25	6/18/2014	0844	-4.97	-2.00	0.0	0	1.1	19.5	1.6	3.63	0.0	3.63	
VMP-12-25	7/23/2014	0911	-2.95	-2.21	0.0	0	1.0	19.8	1.6	1.29	0.0	1.29	
VMP-12-25	8/20/2014	0924	-2.40	-2.83	0.0	0	1.2	19.4	1.2	0.78	0.0	0.78	
VMP-12-25	9/17/2014	1003	-3.07	-9.46	0.0	0	0.9	19.9	1.2	1.45	0.0	1.45	
VMP-12-25	10/22/2014	1233	-3.07	-2.98	0.0	0	0.8	20.1	0.9	2.28	0.0	2.28	
VMP-12-25	11/19/2014	1312	-3.42	-3.04	0.0	0	0.7	20.2	0.7	0.97	0.0	0.97	
VMP-12-25	12/17/2014	0924	-3.80	-3.26	0.0	0	0.6	20.3	0.7	1.67	0.0	1.67	
VMP-12-25	1/28/2015	1356	-2.29	-2.33	0.0	0	0.4	20.5	0.7	0.6	0.0	0.6	
VMP-12-25	2/25/2015	1301	-2.40	-3.18	0.0	0	0.4	20.4	0.4	0.5	0.0	0.5	
VMP-12-25	3/25/2015	0930	-2.98	-3.26	0.0	0	0.5	20.3	0.6	1.1	0.0	1.1	
VMP-12-25	4/22/2015	1346	-2.65	-2.42	0.0	0	0.5	20.3	0.6	1.6	0.0	1.6	
VMP-12-25-Dup	4/22/2015	1346	NM	NM	0.0	0	0.5	20.3	0.4	1.3	0.0	1.3	Duplicate sample.
VMP-12-25	5/20/2015	1322	-2.89	-2.89	0.0	0	0.6	20.3	0.1	1.9	0.0	1.9	
VMP-12-25	6/17/2015	1225	-3.95	-3.44	0.0	0	0.5	20.1	0.9	1.9	0.0	1.9	
VMP-12-25	7/22/2015	1243	-3.79	-2.07	0.0	0	0.7	20.0	0.2	0.0	0.0	0.0	
VMP-12-25	8/19/2015	1240	-4.42	-4.02	0.0	0	0.6	19.8	0.4	0.0	0.0	0.0	
VMP-12-25	9/16/2015	1222	-2.48	-2.47	0.0	0	0.4	20.2	1.1	0.0	0.0	0.0	
VMP-12-25	10/21/2015	0941	-3.87	-3.88	0.0	0	0.2	20.8	0.5	0.0	0.0	0.0	
VMP-12-25-Dup	10/21/2015	0941	NM	NM	0.0	0	0.2	20.8	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-12-25	11/23/2015	1225	-4.80	-3.52	0.0	0	0.4	20.3	0.0	0	0.0	0.0	
VMP-12-25	12/16/2015	1300	-5.42	-4.53	0.0	0	0.5	20.1	0.4	0	0.0	0.0	
VMP-12-25	1/20/2016	1355	0.00	-2.25	0.0	0	0.7	19.8	0.2	0.0	0.0	0.0	
VMP-12-25-Dup	1/20/2016	1355	NM	NM	0.0	0	0.8	19.7	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-12-25	2/17/2016	1225	-4.47	-4.37	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-12-25	3/22/2016	1000	-3.96	-3.76	0.0	0	0.2	20.6	0.2	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-12-25	4/20/2016	0917	-2.10	0.25	0.0	0	0.5	19.9	0.4	0.0	0.0	0.0	
VMP-12-25	5/18/2016	0920	-5.13	-5.15	0.0	0	0.5	20.5	0.6	0.0	0.0	0.0	
VMP-12-25	6/21/2016	1215	-4.25	-4.49	0.0	0	0.3	20.4	0.3	0.0	0.0	0.0	
VMP-12-25	7/21/2016	0851	-3.25	-2.92	0.0	0	0.7	20.1	0.0	0.5	0.0	0.0	
VMP-12-25	8/24/2016	1327	-4.31	-4.27	0.0	0	0.6	20.2	0.2	0.0	0.0	0.0	
VMP-12-25	9/21/2016	0852	-3.70	-3.48	0.0	0	0.7	19.8	0.1	0.0	0.0	0.0	
VMP-12-25	10/20/2016	0851	-1.40	-1.12	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-12-25	11/16/2016	0906	-1.11	-1.01	0.0	0	0.9	19.5	0.1	0.0	0.0	0.0	
VMP-12-25	12/21/2016	0857	-0.21	-0.09	0.0	0	3.0	15.9	0.6	0.0	0.0	0.0	
VMP-12-39	2/6/2012	1023	-0.07	0.07	OVR	OVR	12.9	1.0	69.8	1000000	772000	228000	
VMP-12-39	2/7/2012	825	-0.48	-0.40	OVR	OVR	12.3	2.0	57.1	881000	867000	14000	
VMP-12-39	2/8/2012	829	-0.60	-0.51	OVR	OVR	12.2	2.0	60.1	802000	494000	308000	
VMP-12-39	2/15/2012	853	-0.19	-0.39	OVR	OVR	12.5	1.0	45.7	1000000	1000000	0.0	
VMP-12-39	2/22/2012	1028	0.17	0.20	OVR	OVR	12.3	1.2	40.9	1000000	1000000	0.0	
VMP-12-39	2/29/2012	1412	-0.06	0.09	OVR	OVR	11.8	2.5	47.3	1000000	1000000	0.0	
VMP-12-39	3/6/2012	935	-0.03	-0.03	OVR	OVR	11.8	1.3	57.5	1000000	520000	480000	Benzene Reading: 27.5 ppm
VMP-12-39	3/7/2012	853	-0.10	-0.03	OVR	OVR	11.8	1.6	49.9	1000000	944000	56000	Benzene Reading: 21.3 ppm
VMP-12-39	3/21/2012	843	-0.63	-0.66	OVR	OVR	12.3	0.7	42.4	1000000	1000000	0.0	
VMP-12-39	4/18/2012	1123	-0.58	-0.51	OVR	OVR	11.4	1.0	53.3	1000000	800000	200000	
VMP-12-39	5/16/2012	822	-0.93	-0.89	OVR	OVR	10.9	1.5	100	480000	430000	50000	
VMP-12-39	6/20/2012	912	-0.92	-0.79	OVR	OVR	10.1	1.9	117	321000	285000	36000	
VMP-12-39	7/18/2012	944	-0.85	-0.72	OVR	OVR	10.8	1.7	68.0	224000	180000	44000	
VMP-12-39	8/15/2012	900	-0.93	-0.83	OVR	OVR	12.8	0.6	156	142000	122000	20000	
VMP-12-39	9/19/2012	925	-1.57	-1.36	OVR	OVR	13.6	1.5	202	201000	176000	25000	
VMP-12-39	10/17/2012	902	-1.37	-1.24	OVR	OVR	14.0	1.1	151	136000	118000	18000	
VMP-12-39	11/20/2012	930	-2.07	-1.99	69.3	OVR	13.7	0.8	189	146000	117000	29000	
VMP-12-39	12/19/2012	842	-0.71	-0.81	85.0	OVR	14.5	0.8	135	260000	200000	60000	
VMP-12-39	1/16/2013	930	-0.65	-0.05	OVR	OVR	13.9	1.5	100	370000	280000	90000	
VMP-12-39	2/25/2013	1309	-0.23	-0.40	OVR	OVR	14.6	1.5	70.3	560000	233000	327000	
VMP-12-39	3/20/2013	1022	-1.33	-1.20	84.5	OVR	14.0	1.3	26.3	805000	614000	191000	
VMP-12-39	4/25/2013	1451	-0.49	-1.37	OVR	OVR	14.2	0.7	70.6	1000000	1000000	0.0	
VMP-12-39	5/22/2013	947	-2.27	-1.27	OVR	OVR	12.8	3.6	58.0	770000	700000	70000	
VMP-12-39	6/25/2013	917	-1.36	-1.25	OVR	OVR	13.8	2.4	63.9	1000000	1000000	0.0	
VMP-12-39	7/24/2013	0849	-1.59	-1.62	OVR	OVR	15.7	1.2	43.6	1000000	1000000	0.0	
VMP-12-39	8/28/2013	0902	-1.35	-1.37	OVR	OVR	17.0	0.7	56.2	1000000	969000	31000	
VMP-12-39	9/25/2013	0908	-2.64	-2.41	OVR	OVR	15.8	1.8	59.3	1000000	1000000	0.0	
VMP-12-39	10/23/2013	0841	-2.85	-2.88	OVR	OVR	16.7	0.8	55.3	624000	459000	165000	
VMP-12-39	11/20/2013	0835	-3.42	-3.33	OVR	OVR	15.3	2.6	59.0	236000	194000	42000	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-12-39	12/18/2013	0951	-3.10	5.35	69.6	OVR	15.7	1.3	80	183000	157000	26000	Ice melted causing water to get into tube, resulting in the positive stabilized vacuum.
VMP-12-39	1/29/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well tubing frozen into ice inside vault. Could not sample.
VMP-12-39	2/25/2014	1018	-2.21	-0.29	72.8	OVR	15.7	1.0	96.5	137000	118000.0	19000	
VMP-12-39	3/19/2014	0951	-2.67	-2.61	31.6	OVR	15.4	2.1	78.3	98200	66800.0	31400	
VMP-12-39	4/23/2014	0854	-2.70	-2.58	33.7	OVR	13.9	2.6	72.6	103000	85690.0	17310	
VMP-12-39	5/21/2014	0911	-2.55	-2.42	17.7	OVR	13.9	3.2	73.3	171000	144000.0	27000	
VMP-12-39	6/18/2014	0844	-2.57	-2.52	76.1	OVR	14.7	1.9	84.2	243000	192000.0	51000	
VMP-12-39	7/23/2014	0915	2.79	-2.69	33.2	OVR	15.7	2.1	120	105000	84200.0	20800	
VMP-12-39	8/20/2014	0929	-2.89	-3.23	37.9	OVR	15.9	1.7	131	111000	89500.0	21500	
VMP-12-39	9/17/2014	1008	-3.38	-0.98	38.8	OVR	17.1	1.6	148	87000	64800.0	22200	
VMP-12-39	10/22/2014	1234	-3.35	-3.32	23.5	OVR	14.6	3.1	159	65990	53670.0	12320	
VMP-12-39-Dup	10/22/2014	1235	NM	NM	30.5	OVR	16.5	1.3	179	76380	61890.0	14490	Duplicate sample.
VMP-12-39	11/19/2014	1312	-3.36	-3.38	20.8	OVR	16.5	0.7	168	61800	52600.0	9200	
VMP-12-39-Dup	11/19/2014	1313	NM	NM	21.5	OVR	16.1	0.8	190	60000	48300.0	11700	Duplicate sample.
VMP-12-39	12/17/2014	0929	-3.95	-3.48	26.8	OVR	17.6	0.6	182	76760	64450.0	12310	
VMP-12-39	1/28/2015	1400	-2.52	-2.56	18.3	OVR	14.7	2.4	175	51670	42110	9560	
VMP-12-39	2/25/2015	1306	-2.37	-6.72	29.6	OVR	16.3	0.4	203	70330	57320	13010	
VMP-12-39-Dup	2/25/2015	1306	NM	NM	29.8	OVR	16.2	0.7	209	68250	51090	17160	Duplicate sample.
VMP-12-39	3/25/2015	0934	-3.22	-3.51	29.9	OVR	14.5	2.3	167	72680	56490	16190	
VMP-12-39-Dup	3/25/2015	0934	NM	NM	35.4	OVR	15.2	1.3	193	78770	61900	16870	Duplicate sample.
VMP-12-39	4/22/2015	1354	-3.06	-2.83	28.3	OVR	14.9	1.2	210	60130	45210	14920	
VMP-12-39	5/20/2015	1327	-3.18	-3.11	6.2	OVR	14.5	1.5	111	21250	17600	3650	
VMP-12-39	5/22/2015	0905	-3.28	NM	5.3	OVR	15.5	0.6	128	21200	17600	3600	Resample.
VMP-12-39	6/17/2015	1230	-5.26	-3.90	4.2	84	14.7	1.7	128	16490	13270	3220	
VMP-12-39-Dup	6/17/2015	1230	NM	NM	4.8	96	15.5	1.0	146	18040	14180	3860	Duplicate sample.
VMP-12-39	7/22/2015	1248	-3.82	-3.81	34.9	OVR	14.1	1.8	124	62450	47680	14770	
VMP-12-39-Dup	7/22/2015	1248	NM	NM	45.2	OVR	15.5	0.8	129	72570	53210	19360	Duplicate Sample.
VMP-12-39	8/19/2015	1245	-3.99	-3.95	40.8	OVR	15.1	1.3	149	63320	44710	18610	
VMP-12-39	9/16/2015	1227	-4.44	-4.46	40.8	OVR	16.2	0.6	221	53420	40180	13240	
VMP-12-39	10/21/2015	0946	-4.71	-4.29	27.5	OVR	16.0	1.2	292	37580	28130	9450	
VMP-12-39	11/23/2015	1230	-4.21	-5.15	0.8	17	16.5	1.7	105	4190	3860	330	
VMP-12-39	12/16/2015	1305	-5.45	-4.87	13.8	OVR	16.5	2.6	276	27470	21230	6240	
VMP-12-39	1/22/2016	1430	-3.70	-3.28	62.5	OVR	13.7	3.6	232	72270	56680	15590	
VMP-12-39	2/17/2016	1230	-4.83	-4.86	20.1	OVR	16.3	0.9	270	44400	34200	10200	
VMP-12-39	3/22/2016	1005	-4.30	-4.07	46.3	OVR	14.2	2.0	181	96770	74380	22390	
VMP-12-39	4/20/2016	0922	1.92	0.24	20.2	OVR	7.9	8.7	104	56200	40400	15800	
VMP-12-39	5/18/2016	0925	-5.49	-5.51	56.7	OVR	12.9	2.4	219	146000	117000	29000	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-12-39-Dup	5/18/2016	0925	NM	NM	81.5	OVR	14.4	0.6	219	184000	131000	53000	Duplicate sample.
VMP-12-39	6/21/2016	1220	-5.00	-4.90	41.1	OVR	13.4	1.4	117	81130	63340	17790	
VMP-12-39	7/21/2016	0854	-3.47	-3.13	30.8	OVR	12.5	2.0	120	61240	42360	18880	
VMP-12-39	8/24/2016	1328	-4.68	-4.62	35.4	OVR	13.4	2.0	113	91270	73230	18040	
VMP-12-39	9/21/2016	0853	-4.03	-3.77	70.4	OVR	15.0	0.5	163	183000	136000	47000	
VMP-12-39	10/20/2016	0853	-1.18	-0.94	40.9	OVR	16.3	0.3	101	118000	96000	22000	
VMP-12-39	11/16/2016	0907	-2.60	-1.11	17.5	OVR	16.0	0.4	78.9	89630	75880	13750	
VMP-12-39	12/21/2016	0859	0.00	-0.09	19.3	OVR	13.1	3.4	74.6	97910	83260	14650	
VMP-13-5	12/5/2012	1506	-0.10	-0.10	0.0	0	0.6	20.4	0.3	1.3	0.0	1.3	Initail sample after Public Works SVE startup.
VMP-13-5	12/6/2012	1413	-0.04	-0.09	0.0	0	0.6	20.6	0.1	0.7	0.0	0.7	
VMP-13-5	12/13/2012	1050	-0.06	-0.06	0.0	0	0.5	20.7	0.2	0.2	0.0	0.2	
VMP-13-5	12/19/2012	1320	-0.03	-0.06	0.0	0	0.3	20.7	0.3	0.6	0.0	0.6	
VMP-13-5	1/16/2013	1433	-0.06	-0.02	0.0	0	0.2	20.8	0.2	1.6	0.0	1.6	
VMP-13-5	2/25/2013	940	-0.09	-0.09	0.0	0	0.1	20.8	0.3	1.0	0.0	1.0	
VMP-13-5	3/20/2013	1450	-0.10	-0.10	0.0	0	0.2	20.8	0.6	2.2	0.0	2.2	
VMP-13-5	4/25/2013	912	-0.20	-0.02	0.0	0	0.3	20.6	0.2	0.8	0.0	0.8	
VMP-13-5	5/22/2013	1410	-0.21	-0.24	0.0	0	0.6	20.2	0.5	1.0	0.0	1.0	
VMP-13-5	6/25/2013	1420	-0.17	-0.18	0.0	0	1.1	20.0	0.5	0.5	0.0	0.5	
VMP-13-5	7/24/2013	1425	-0.35	-0.33	0.0	0	0.7	20.2	0.4	1.2	0.0	1.2	
VMP-13-5	8/28/2013	1315	-0.31	-0.30	0.0	0	0.9	20.1	0.3	0.6	0.0	0.6	
VMP-13-5	9/25/2013	1328	-0.30	-0.31	0.0	0	0.3	20.7	1.4	1.4	0.0	1.4	
VMP-13-5	10/23/2013	1506	-0.43	-0.30	0.0	0.0	0.0	20.8	0.8	1.4	0.0	1.4	
VMP-13-5	11/20/2013	1345	-0.39	-0.45	0.0	0.0	0.1	20.9	0.7	2.3	0.0	2.3	
VMP-13-5	12/18/2013	1621	-0.46	-0.44	0.0	0.0	0.1	20.9	0.5	0.5	0.0	0.5	
VMP-13-5	1/29/2014	1329	-0.27	-0.26	0.0	0	0.1	20.8	0.7	1.22	0.0	1.22	
VMP-13-5	2/19/2014	1411	-0.29	-0.29	0.0	0	0.1	20.7	0.7	1.67	0.0	1.67	
VMP-13-5	3/21/2014	1000	-0.28	-0.26	0.0	0	0.1	20.9	0.5	0.33	0.0	0.33	
VMP-13-5	4/23/2014	1338	-0.54	-0.55	0.0	0	0.3	20.9	0.8	2.29	0.0	2.29	
VMP-13-5	5/21/2014	1459	-0.62	-0.62	0.0	0	0.4	20.8	1.1	1.64	0.0	1.64	
VMP-13-5	6/18/2014	0959	-0.62	-0.65	0.0	0	0.6	20.2	2.4	3.89	0.0	3.89	
VMP-13-5	7/23/2014	1436	-0.58	-0.55	0.0	0	0.8	20.3	2.3	2.89	0.0	2.89	
VMP-13-5	8/21/2014	1005	-0.67	-0.66	0.0	0	0.7	20.4	1.5	1.11	0.0	1.11	
VMP-13-5	9/17/2014	0945	-0.73	-0.58	0.0	0	0.3	20.6	0.8	1.5	0.0	1.5	
VMP-13-5	10/22/2014	1046	-0.64	-0.58	0.0	0	0.3	20.7	1.0	1.9	0.0	1.9	
VMP-13-5	11/19/2014	1101	-0.52	-0.55	0.0	0	0.2	20.8	0.6	1.22	0.0	1.22	
VMP-13-5	12/17/2014	0942	-0.64	-0.62	0.0	0	0.1	20.9	1.8	0.91	0.0	0.91	
VMP-13-5	1/28/2015	1007	-0.64	-0.53	0.0	0	0.1	20.9	0.9	0.7	0.0	0.7	
VMP-13-5	2/25/2015	1150	-11.98	-0.99	0.0	0	0.1	20.9	0.4	0.5	0.0	0.5	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-13-5	3/25/2015	1522	-0.56	-0.62	0.0	0	0.2	20.8	0.9	2.1	0.0	2.1	
VMP-13-5	4/22/2015	1123	-0.43	-0.42	0.0	0	0.2	20.8	0.6	1.1	0.0	1.1	
VMP-13-5	5/20/2015	0930	-0.55	-0.50	0.0	0	0.3	20.6	0.4	1.5	0.0	1.5	
VMP-13-5	6/17/2015	1007	-0.14	0.00	0.0	0	1.0	20.1	0.5	0.5	0.0	0.5	
VMP-13-5	7/22/2015	0930	-0.14	-0.15	0.0	0	1.4	19.8	0.3	0.0	0.0	0.0	
VMP-13-5	8/27/2015	1327	-0.15	NM	0.0	0	1.2	19.8	0.4	0.0	0.0	0.0	
VMP-13-5	9/16/2015	0920	-0.12	0.0	0.0	0	0.7	20.3	0.5	0.0	0.0	0.0	
VMP-13-5	10/21/2015	0919	-0.19	0.00	0.0	0	0.4	20.5	0.5	0	0.0	0.0	
VMP-13-5	11/23/2015	0916	-0.22	-0.15	0.0	0	0.2	20.7	0.0	0	0.0	0.0	
VMP-13-5	12/16/2015	0955	-0.17	0.00	0.0	0	0.2	20.8	0.3	0	0.0	0.0	
VMP-13-5	1/20/2016	1403	0.00	0.00	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-13-5	2/17/2016	1409	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-13-5	3/22/2016	0745	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to unsafe conditions at well vault.
VMP-13-5	4/20/2016	1002	0.00	0.00	0.0	0	0.4	20.5	2.8	4.6	0.0	4.6	
VMP-13-5	5/19/2016	1030	-0.14	-0.12	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-13-5	6/21/2016	0856	0.00	-0.10	0.0	0	0.6	20.3	0.7	0.0	0.0	0.0	
VMP-13-5	7/20/2016	1042	0.12	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-13-5	8/24/2016	1340	0.00	-0.15	0.0	0	0.6	20.3	0.4	0.0	0.0	0.0	
VMP-13-5	9/21/2016	0930	0.00	0.0	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-13-5	10/20/2016	0847	-0.19	-0.17	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-13-5	11/16/2016	0850	0.00	0.00	0.0	0	0.4	20.5	0.2	0.0	0.0	0.0	
VMP-13-5	12/5/2016	0923	0.00	NM	0.0	0	0.4	20.1	0.2	0.0	0.0	0.0	
VMP-13-5	12/21/2016	1012	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-13-10.5	12/5/2012	1507	-0.21	-0.21	0.0	0	1.4	19.7	0.4	0.8	0.0	0.8	Initail sample after Public Works SVE startup.
VMP-13-10.5	12/6/2012	1413	-0.14	-0.23	0.0	0	1.4	19.7	0.3	2.1	0.0	2.1	
VMP-13-10.5	12/13/2012	1052	-0.15	-0.13	0.0	0	1.0	20.4	0.1	0.9	0.0	0.9	
VMP-13-10.5	12/19/2012	1325	-0.11	-0.17	0.0	0	0.8	20.5	0.5	0.4	0.0	0.4	
VMP-13-10.5	1/16/2013	1437	-0.16	-0.06	0.0	0	0.4	20.6	0.2	1.0	0.0	1.0	
VMP-13-10.5	2/25/2013	945	-0.20	-0.22	0.0	0	0.2	20.7	0.3	1.1	0.0	1.1	
VMP-13-10.5	3/20/2013	1454	-0.21	-0.23	0.0	0	0.3	20.7	0.4	1.5	0.0	1.5	
VMP-13-10.5	4/25/2013	917	-0.42	-0.07	0.0	0	0.3	20.7	0.3	0.9	0.0	0.9	
VMP-13-10.5	5/22/2013	1411	-0.44	-0.48	0.0	0	0.5	20.1	0.5	0.7	0.0	0.7	
VMP-13-10.5	6/25/2013	1424	-0.34	-0.36	0.0	0	1.0	20.0	0.5	0.4	0.0	0.4	
VMP-13-10.5	7/24/2013	1429	-0.66	-0.65	0.0	0	1.0	20.0	0.6	1.1	0.0	1.1	
VMP-13-10.5	8/28/2013	1316	-0.62	-0.62	0.0	0	0.9	20.1	0.5	1.0	0.0	1.0	
VMP-13-10.5	9/25/2013	1332	-0.68	-0.71	0.0	0	0.6	20.5	1.4	1.8	0.0	1.8	
VMP-13-10.5	10/23/2013	1511	-0.98	-0.74	0.0	0	0.3	20.7	0.5	1.1	0.0	1.1	
VMP-13-10.5	11/20/2013	1349	-0.93	-1.01	0.0	0	0.2	20.8	0.7	2.1	0.0	2.1	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-13-10.5	12/18/2013	1625	-0.98	-0.96	0.0	0	0.1	20.9	0.3	0.3	0.0	0.3	
VMP-13-10.5	1/29/2014	1329	-0.54	-0.56	0.0	0	0.1	20.8	0.6	1.09	0.0	1.09	
VMP-13-10.5	2/19/2014	1411	-0.58	-0.56	0.0	0	0.1	20.7	0.9	1.71	0.0	1.71	
VMP-13-10.5	3/21/2014	1001	-0.55	-0.52	0.0	0	0.1	20.9	0.7	0.44	0.0	0.44	
VMP-13-10.5	4/23/2014	1338	-1.12	-1.15	0.0	0	0.2	20.9	0.7	1.79	0.0	1.79	
VMP-13-10.5	5/21/2014	1459	-1.15	-1.28	0.0	0	0.4	20.8	1.7	1.95	0.0	1.95	
VMP-13-10.5	6/18/2014	0959	-1.20	-1.39	0.0	0	0.6	20.2	1.4	2.25	0.0	2.25	
VMP-13-10.5	7/23/2014	1437	-1.28	-1.21	0.0	0	0.8	20.3	2.3	2.29	0.0	2.29	
VMP-13-10.5	8/21/2014	1010	-1.40	-1.40	0.0	0	0.7	20.4	1.3	1.83	0.0	1.83	
VMP-13-10.5	9/17/2014	0946	-1.62	-1.35	0.0	0	0.5	20.4	0.8	1.19	0.0	1.19	
VMP-13-10.5	10/22/2014	1047	-1.51	-1.45	0.0	0	0.4	20.6	1.3	2.26	0.0	2.26	
VMP-13-10.5	11/19/2014	1103	-1.37	-1.39	0.0	0	0.2	20.8	0.8	1.25	0.0	1.25	
VMP-13-10.5	12/17/2014	0948	-1.30	-1.49	0.0	0	0.2	20.8	1.8	1.28	0.0	1.28	
VMP-13-10.5	1/28/2015	1013	-1.23	-1.27	0.0	0	0.1	20.9	1.8	0.9	0.0	0.9	
VMP-13-10.5	2/25/2015	1151	-1.13	-1.22	0.0	0	0.1	20.9	0.4	0.5	0.0	0.5	
VMP-13-10.5	3/25/2015	1523	-1.25	-1.34	0.0	0	0.2	20.8	0.8	2.0	0.0	2.0	
VMP-13-10.5	4/22/2015	1124	-1.40	-1.37	0.0	0	0.2	20.8	0.9	1.1	0.0	1.1	
VMP-13-10.5	5/20/2015	0935	-1.53	-1.48	0.0	0	0.4	20.6	0.4	1.0	0.0	1.0	
VMP-13-10.5	6/17/2015	1011	-0.34	0.00	0.0	0	0.7	20.1	0.5	21.2	21.2	0.0	
VMP-13-10.5	7/22/2015	0934	-0.34	-0.35	0.0	0	1.1	19.8	0.2	0.0	0.0	0.0	
VMP-13-10.5	8/19/2015	0925	-0.14	-0.34	0.0	0	1.2	19.8	0.4	2.4	0.0	2.4	
VMP-13-10.5	9/16/2015	0925	-0.31	-0.24	0.0	0	0.9	20.2	0.5	0.0	0.0	0.0	
VMP-13-10.5	10/21/2015	0922	-0.34	-0.23	0.0	0	0.6	20.5	0.4	1.5	0.0	1.5	
VMP-13-10.5	11/23/2015	0917	-0.43	-0.34	0.0	0	0.4	20.7	0.0	0	0.0	0.0	
VMP-13-10.5	12/16/2015	0956	-0.34	-0.25	0.0	0	0.2	20.8	0.2	0	0.0	0.0	
VMP-13-10.5	1/20/2016	1408	-0.22	-0.34	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-13-10.5	2/17/2016	1410	-0.35	-0.39	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-13-10.5	3/22/2016	0746	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to unsafe conditions at well vault.
VMP-13-10.5	4/20/2016	1003	-0.66	0.00	0.0	0	0.2	20.7	2.1	0.9	0.0	0.9	
VMP-13-10.5	5/19/2016	1035	-0.73	-0.73	0.0	0	0.1	20.8	0.9	0.0	0.0	0.0	
VMP-13-10.5	6/21/2016	0857	-0.67	-0.85	0.0	0	0.3	20.6	0.4	0.0	0.0	0.0	
VMP-13-10.5	7/20/2016	1043	0.15	0.00	0.0	0	0.4	20.2	0.4	0.0	0.0	0.0	
VMP-13-10.5	8/24/2016	1341	-0.64	-0.65	0.0	0	0.4	20.4	0.4	0.0	0.0	0.0	
VMP-13-10.5	9/21/2016	0931	-0.43	-0.42	0.0	0	0.5	20.3	0.2	0.0	0.0	0.0	
VMP-13-10.5	10/20/2016	0853	-0.79	-0.74	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-13-10.5	11/16/2016	0851	-0.31	-0.26	0.0	0	0.4	20.5	0.1	0.0	0.0	0.0	
VMP-13-10.5	12/5/2016	0924	0.00	NM	0.0	0	0.3	20.4	0.1	0.0	0.0	0.0	
VMP-13-10.5	12/21/2016	1015	0.00	0.00	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-13-21.5	12/5/2012	1516	-0.52	-0.46	0.0	0	12.0	6.0	0.7	2.6	0.0	2.6	Initail sample after Public Works SVE startup.
VMP-13-21.5	12/6/2012	1414	-0.40	-0.54	0.0	0	9.1	11.5	0.7	0.5	0.0	0.5	
VMP-13-21.5	12/13/2012	1054	-0.42	-0.37	0.0	0	4.3	18.0	0.3	0.3	0.0	0.3	
VMP-13-21.5	12/19/2012	1330	-0.35	-0.44	0.0	0	3.0	19.4	0.5	0.2	0.0	0.2	
VMP-13-21.5	1/16/2013	1441	-0.43	-0.14	0.0	0	1.7	20.0	0.2	0.9	0.0	0.9	
VMP-13-21.5	2/25/2013	950	-0.50	-0.49	0.0	0	0.9	20.4	0.3	1.3	0.0	1.3	
VMP-13-21.5	3/20/2013	1458	-0.51	-0.55	0.0	0	0.6	20.6	0.6	1.6	0.0	1.6	
VMP-13-21.5	4/25/2013	922	-0.87	-0.18	0.0	0	0.4	20.5	0.4	0.6	0.0	0.6	
VMP-13-21.5	5/22/2013	1412	-1.06	-1.08	0.0	0	0.0	20.9	0.5	3.1	0.0	3.1	
VMP-13-21.5	6/25/2013	1428	-0.94	-0.95	0.0	0	0.6	20.3	0.6	0.3	0.0	0.3	
VMP-13-21.5	7/24/2013	1433	-1.68	-1.67	0.0	0	0.7	20.3	0.6	0.7	0.0	0.7	
VMP-13-21.5	8/28/2013	1317	-1.46	-1.46	0.0	0	0.5	20.5	0.6	0.6	0.0	0.6	
VMP-13-21.5	9/25/2013	1336	-1.71	-1.75	0.0	0	0.4	20.6	1.0	0.8	0.0	0.8	
VMP-13-21.5	10/23/2013	1516	-2.26	-1.85	0.0	0.0	0.3	20.8	1.2	0.0	0.0	0.0	
VMP-13-21.5	11/20/2013	1353	-2.31	-2.52	0.0	0.0	0.2	20.9	0.6	1.0	0.0	1.0	
VMP-13-21.5	12/18/2013	1629	-2.31	-2.31	0.0	0.0	0.2	20.9	0.3	0.5	0.0	0.5	
VMP-13-21.5	1/29/2014	1329	-1.34	-1.37	0.0	0	0.3	20.8	0.7	0.7	0.0	0.7	
VMP-13-21.5	2/19/2014	1412	-1.39	-1.33	0.0	0	0.2	20.7	1.0	1.28	0.0	1.28	
VMP-13-21.5	3/21/2014	1002	-1.32	-1.27	0.0	0	0.2	20.9	0.7	0.06	0.0	0.06	
VMP-13-21.5	4/23/2014	1338	-2.64	-2.64	0.0	0	0.2	20.9	0.9	1.49	0.0	1.49	
VMP-13-21.5	5/21/2014	1500	-2.90	-2.92	0.0	0	0.4	20.8	1.4	1.86	0.0	1.86	
VMP-13-21.5	6/18/2014	0959	-3.16	-3.18	0.0	0	0.6	20.2	1.8	2.36	0.0	2.36	
VMP-13-21.5	7/23/2014	1437	-3.01	-2.96	0.0	0	0.7	20.4	1.6	2.08	0.0	2.08	
VMP-13-21.5	8/21/2014	1015	-3.24	-3.26	0.0	0	0.6	20.4	1.6	1.38	0.0	1.38	
VMP-13-21.5	9/17/2014	0947	-3.74	-3.27	0.0	0	0.7	20.5	1.2	0.97	0.0	0.97	
VMP-13-21.5	10/22/2014	1048	-3.73	-3.66	0.0	0	0.4	20.6	1.2	1.37	0.0	1.37	
VMP-13-21.5	11/19/2014	1104	-3.57	-3.60	0.0	0	0.3	20.7	1.0	1.24	0.0	1.24	
VMP-13-21.5	12/17/2014	0953	-3.94	-3.85	0.0	0	0.2	20.9	1.8	1.33	0.0	1.33	
VMP-13-21.5	1/28/2015	1018	-3.78	-3.34	0.0	0	0.1	20.9	1.7	0.9	0.0	0.9	
VMP-13-21.5	2/25/2015	1151	-3.13	-3.09	0.0	0	0.1	20.9	0.3	0.6	0.0	0.6	
VMP-13-21.5	3/25/2015	1523	-3.17	-3.32	0.0	0	0.1	20.8	0.7	1.7	0.0	1.7	
VMP-13-21.5	4/22/2015	1125	-3.46	-3.35	0.0	0	0.1	20.9	0.7	0.6	0.0	0.6	
VMP-13-21.5	5/20/2015	0940	-3.79	-3.60	0.0	0	0.4	20.4	0.4	0.6	0.0	0.6	
VMP-13-21.5	6/17/2015	1015	-0.81	0.00	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-13-21.5	7/22/2015	0938	-0.79	-0.78	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-13-21.5-Dup	7/22/2015	0938	NM	NM	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-13-21.5	8/19/2015	0930	-0.36	-0.87	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-13-21.5	9/16/2015	0930	-0.87	-0.78	0.0	0	0.3	20.7	0.4	0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-13-21.5	10/21/2015	0925	-0.88	-0.74	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-13-21.5	11/23/2015	0918	-0.94	-0.82	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-13-21.5	12/16/2015	0957	-0.79	-0.70	0.0	0	0.1	20.8	0.1	0	0.0	0.0	
VMP-13-21.5-Dup	11/23/2015	0923	NM	NM	0.0	0	0.3	20.7	0.0	0	0.0	0.0	Duplicate sample.
VMP-13-21.5	1/20/2016	1413	-0.45	-0.67	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-13-21.5	2/17/2016	1411	-0.74	-0.83	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-13-21.5	3/22/2016	0747	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to unsafe conditions at well vault.
VMP-13-21.5	4/20/2016	-0.19	0.00	0.00	0.0	0	0.4	20.6	1.2	1.6	0.0	1.6	
VMP-13-21.5	5/19/2016	1040	-0.83	-0.83	0.0	0	0.1	20.8	0.6	0.0	0.0	0.0	
VMP-13-21.5	6/21/2016	0858	-0.79	-1.01	0.0	0	0.1	20.8	0.7	0.0	0.0	0.0	
VMP-13-21.5	7/20/2016	1044	0.16	0.0	0.0	0	0.2	20.7	0.6	0.0	0.0	0.0	
VMP-13-21.5	8/24/2016	1342	-0.75	-0.78	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-13-21.5	9/21/2016	0932	-0.37	-0.37	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-13-21.5	10/20/2016	0857	-0.94	-0.87	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-13-21.5	11/16/2016	0852	-0.25	-0.21	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-13-21.5	12/5/2016	0925	0.00	NM	0.0	0	0.4	20.0	0.1	0.0	0.0	0.0	
VMP-13-21.5	12/21/2016	1018	0.00	0.00	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-13-29.5	12/5/2012	1520	-0.41	-0.40	0.0	0	15.6	0.9	355	965	525	440	Initail sample after Public Works SVE startup.
VMP-13-29.5	12/6/2012	1415	-0.32	-0.44	0.0	0	16.5	1.3	286	417	210	207	
VMP-13-29.5	12/13/2012	1056	-0.30	-0.27	0.0	1	13.8	0.7	135	258	110	148	
VMP-13-29.5	12/19/2012	1335	-0.24	-0.34	0.0	0	10.9	9.1	1.4	89.9	61.0	28.9	
VMP-13-29.5	1/16/2013	1445	-0.35	-0.12	0.0	0	5.9	15.1	69.3	145	60.3	84.7	
VMP-13-29.5	2/25/2013	955	-0.40	-0.43	0.0	0	4.0	16.7	265	460	28.1	432	
VMP-13-29.5	3/20/2013	1502	-0.41	-0.42	0.0	0	3.5	17.6	190	247	24.1	223	
VMP-13-29.5	4/25/2013	927	-0.77	-0.15	0.0	0	2.3	18.7	75.4	107	3.2	104	
VMP-13-29.5	5/22/2013	1413	-0.90	-0.92	0.0	0	2.1	19.1	1.6	4.6	0.0	4.6	
VMP-13-29.5	6/25/2013	1432	-0.83	-0.84	0.0	0	1.1	20.2	0.5	0.1	0.0	0.1	
VMP-13-29.5	7/24/2013	1437	-1.59	-1.57	0.0	0	0.6	20.5	0.6	0.8	0.0	0.8	
VMP-13-29.5	8/28/2013	1318	-1.36	-1.38	0.0	0	0.5	20.6	0.6	0.7	0.0	0.7	
VMP-13-29.5	9/25/2013	1339	-1.63	-1.64	0.0	0	0.5	20.5	1.0	0.4	0.0	0.4	
VMP-13-29.5	10/23/2013	1521	-2.04	-1.68	0.0	0	0.4	20.7	1.0	0.5	0.0	0.5	
VMP-13-29.5	11/20/2013	1357	-2.02	-2.14	0.0	0	0.4	20.8	0.6	1.3	0.0	1.3	
VMP-13-29.5	12/18/2013	1633	-1.99	-1.98	0.0	0	0.4	20.9	0.5	1.7	0.0	1.7	
VMP-13-29.5	1/29/2014	1329	-1.12	-1.14	0.0	0	1.1	20.0	0.7	4.69	0.0	4.69	
VMP-13-29.5	2/19/2014	1412	-1.12	-1.06	0.0	0	0.5	20.4	1.1	7.37	0.0	7.37	
VMP-13-29.5	3/21/2014	1003	-1.07	-1.05	0.0	0	0.6	20.6	0.8	4.13	0.0	4.13	
VMP-13-29.5	4/23/2014	1339	-2.09	-2.12	0.0	0	0.5	20.7	0.9	5	1.2	3.78	
VMP-13-29.5	5/21/2014	1500	-2.30	-2.34	0.0	0	0.6	20.5	1.1	2.36	0.0	2.36	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-13-29.5	6/18/2014	1000	-2.52	-2.54	0.0	0	0.7	20.1	2.2	2.24	0.0	2.24	
VMP-13-29.5	7/23/2014	1437	-1.28	-1.12	0.0	0	0.7	20.5	2.0	2.27	0.0	2.27	
VMP-13-29.5	8/21/2014	1020	-1.25	-1.26	0.0	0	0.7	20.4	2.0	1.36	0.0	1.36	
VMP-13-29.5-Dup	8/21/2014	1025	NM	NM	0.0	0	0.7	20.4	1.7	1.27	0.0	1.27	Duplicate Sample.
VMP-13-29.5	9/17/2014	0948	-1.44	-1.20	0.0	0	0.5	20.4	0.9	1.04	0.0	1.04	
VMP-13-29.5-Dup	9/17/2014	0953	NM	NM	0.0	0	0.5	20.5	0.9	0.68	0.0	0.68	Duplicate Sample.
VMP-13-29.5	10/22/2014	1048	-1.35	-1.31	0.0	0	0.4	20.6	2.1	1.72	0.0	1.72	
VMP-13-29.5	11/19/2014	1104	-1.24	-1.27	0.0	0	0.3	20.7	0.9	1.42	0.0	1.42	
VMP-13-29.5	12/17/2014	0958	-1.39	-1.35	0.0	0	0.2	20.9	2.5	2.05	0.0	2.05	
VMP-13-29.5	1/28/2015	1023	-1.35	-1.15	0.0	0	0.1	20.9	1.9	0.6	0.0	0.6	
VMP-13-29.5	2/25/2015	1151	-1.00	-1.02	0.0	0	0.1	20.9	0.4	0.7	0.0	0.7	
VMP-13-29.5	3/25/2015	1524	-1.12	-1.19	0.0	0	0.2	20.8	0.8	1.9	0.0	1.9	
VMP-13-29.5	4/22/2015	1126	-1.27	-1.18	0.0	0	0.1	20.7	0.9	1.5	0.0	1.5	
VMP-13-29.5	5/20/2015	0945	-1.35	-1.29	0.0	0	0.4	20.5	0.5	0.9	0.0	0.9	
VMP-13-29.5	6/17/2015	1019	-0.35	0.00	0.0	0	0.8	20.1	0.6	13.8	13.3	0.5	
VMP-13-29.5	7/22/2015	0942	-0.35	-0.36	0.0	0	1.1	19.8	0.5	0.0	0.0	0.0	
VMP-13-29.5	8/19/2015	0935	-0.13	-0.35	0.0	0	1.3	19.7	0.5	3.8	0.0	3.8	
VMP-13-29.5	9/16/2015	0935	-0.32	-0.25	0.0	0	0.9	20.2	0.2	0.0	0.0	0.0	
VMP-13-29.5	10/21/2015	0927	-0.35	-0.23	0.0	0	0.6	20.5	0.5	0.5	0.0	0.5	
VMP-13-29.5	11/23/2015	0919	-0.37	-0.31	0.0	0	0.4	20.6	0.0	0	0.0	0.0	
VMP-13-29.5	12/16/2015	0958	-0.32	-0.22	0.0	0	0.2	20.7	0.3	0	0.0	0.0	
VMP-13-29.5	1/20/2016	1418	-0.11	-0.17	0.0	0	0.1	20.7	0.3	0.0	0.0	0.0	
VMP-13-29.5	2/17/2016	1412	-0.12	-0.17	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-13-29.5	3/22/2016	0748	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to unsafe conditions at well vault.
VMP-13-29.5	4/20/2016	1005	0.00	0.00	0.0	0	0.2	20.7	1.1	2.1	0.0	2.1	
VMP-13-29.5	5/19/2016	1045	0.00	-0.88	0.0	0	0.3	20.6	1.3	0.0	0.0	0.0	
VMP-13-29.5	6/21/2016	0859	-0.85	-1.04	0.0	0	0.5	20.3	0.5	0.0	0.0	0.0	
VMP-13-29.5	7/20/2016	1045	0.15	0.0	0.0	0	0.5	20.3	0.2	0.0	0.0	0.0	
VMP-13-29.5	8/24/2016	1343	-0.70	-0.71	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-13-29.5-Dup	8/24/2016	1343	NM	NM	0.0	0	0.5	20.3	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-13-29.5	9/21/2016	0933	-0.31	-0.31	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-13-29.5	10/20/2016	0900	-0.88	-0.81	0.0	0	0.7	20.4	0.0	0.0	0.0	0.0	
VMP-13-29.5	11/16/2016	0853	-0.21	-0.17	0.0	0	1.0	19.8	0.1	0.0	0.0	0.0	
VMP-13-29.5-Dup	11/16/2016	0853	NM	NM	0.0	0	1.0	19.8	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-13-29.5	12/5/2016	0926	0.00	NM	0.0	0	0.9	19.6	0.1	0.0	0.0	0.0	
VMP-13-29.5	12/21/2016	1022	0.00	0.00	0.0	0	1.2	19.8	0.1	0.0	0.0	0.0	Initial vacuum measured at -0.18 inwc on 12/28/2016.
VMP-13-29.5-Dup	12/21/2016	1022	NM	NM	0.0	0	1.2	19.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-14-5	12/11/2012	1504	-0.03	-0.03	0.0	0	0.2	20.8	0.3	0.4	0.0	0.4	Initail sample after Public Works SVE startup.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-14-5	12/12/2012	1611	-0.01	0.00	0.0	0	0.2	20.8	0.2	0.3	0.0	0.3	
VMP-14-5	12/13/2012	1009	0.00	0.00	0.0	0	0.0	20.9	0.1	0.6	0.0	0.6	
VMP-14-5	12/19/2012	1352	-0.01	-0.41	0.0	0	0.1	20.6	0.2	0.2	0.0	0.2	
VMP-14-5	1/16/2013	1449	0.00	-0.01	0.0	0	0.1	20.8	0.3	1.3	0.0	1.3	
VMP-14-5	2/25/2013	1015	-0.04	0.00	0.0	0	0.0	20.9	0.3	0.8	0.0	0.8	
VMP-14-5	3/20/2013	1515	-0.03	-0.04	0.0	0	0.0	20.9	0.4	2.3	0.0	2.3	
VMP-14-5	4/25/2013	1120	-0.57	-0.03	0.0	0	0.3	20.7	0.5	0.9	0.0	0.9	
VMP-14-5	5/22/2013	1344	-0.11	-0.06	0.0	0	0.4	20.4	1.1	3.4	0.0	3.4	
VMP-14-5	6/25/2013	1436	-0.03	-0.06	0.0	0	0.5	20.6	0.6	1.1	0.0	1.1	
VMP-14-5	7/24/2013	1450	-0.10	-0.14	0.0	0	0.4	20.5	0.4	1.2	0.0	1.2	
VMP-14-5	8/28/2013	1301	-0.11	-0.33	0.0	0	0.4	20.5	0.2	0.6	0.0	0.6	
VMP-14-5	9/25/2013	1309	-0.06	-0.08	0.0	0	0.2	20.7	0.6	0.6	0.0	0.6	
VMP-14-5	10/23/2013	1531	-0.08	-0.09	0.0	0	0.1	20.9	1.4	0.7	0.0	0.7	
VMP-14-5	11/20/2013	1410	-0.62	-0.07	0.0	0	0.1	20.9	0.6	1.6	0.0	1.6	
VMP-14-5	12/18/2013	1604	-0.16	-0.14	0.0	0	0.1	20.9	0.6	0.5	0.0	0.5	
VMP-14-5	1/29/2014	1358	-0.03	-0.03	0.0	0	0.1	20.8	0.8	1.09	0.0	1.09	
VMP-14-5	2/19/2014	1431	-0.07	-0.10	0.0	0	0.1	20.8	1.1	1.52	0.0	1.52	
VMP-14-5	3/19/2014	1423	-0.24	0.00	0.0	0	0.2	20.8	0.9	0.78	0.0	0.78	
VMP-14-5	4/23/2014	1402	-0.13	-0.18	0.0	0	0.3	20.9	0.9	2.45	0.0	2.45	
VMP-14-5	5/21/2014	1518	-0.17	-0.16	0.0	0	0.6	20.7	1.3	1.99	0.0	1.99	
VMP-14-5	6/18/2014	1026	-0.17	-0.16	0.0	0	0.6	20.3	2.3	2.98	0.0	2.98	
VMP-14-5	7/23/2014	1513	-0.23	-0.17	0.0	0	0.5	20.6	2.5	1.84	0.0	1.84	
VMP-14-5	8/21/2014	0935	-0.24	-0.24	0.0	0	0.8	20.2	2.1	1.19	0.0	1.19	
VMP-14-5	9/17/2014	0919	-0.18	-0.20	0.0	0	0.5	20.5	0.8	0.96	0.0	0.96	
VMP-14-5	10/22/2014	1129	-0.17	-0.17	0.0	0	0.3	20.7	72.1	108	3.1	104.9	Resampled due to elevated readings.
VMP-14-5	10/23/2014	1412	-0.16	NM	0.0	0	0.3	20.9	1.1	1.87	0.0	1.87	Resample.
VMP-14-5	11/19/2014	1123	-0.72	-0.20	0.0	0	0.1	20.8	1.0	0.87	0.0	0.87	
VMP-14-5	12/17/2014	0915	-0.21	-0.19	0.0	0	0.1	20.9	2.8	2.25	0.0	2.25	
VMP-14-5	1/28/2015	0947	-0.19	-0.24	0.0	0	0.1	20.9	1.1	1	0.0	0.5	
VMP-14-5	2/25/2015	1218	-0.35	-0.59	0.0	0	0.1	20.9	0.4	0.3	0.0	0.3	
VMP-14-5	3/25/2015	1550	0.00	-0.19	0.0	0	0.3	20.6	1.0	2.9	0.0	2.9	
VMP-14-5	4/22/2015	1109	-0.13	0.00	0.0	0	0.3	20.7	0.5	0.7	0.0	0.7	
VMP-14-5	5/20/2015	0900	-0.18	-0.20	0.0	0	0.6	20.5	0.4	1.1	0.0	1.1	
VMP-14-5	6/18/2015	0829	-0.26	-0.18	0.0	0	2.2	18.8	0.6	1.7	0.0	1.7	
VMP-14-5	7/22/2015	0948	-0.50	-0.16	0.0	0	0.8	20.4	0.5	0.0	0.0	0.0	
VMP-14-5	8/19/2015	1025	-0.21	-0.28	0.0	0	0.9	19.9	0.7	0.0	0.0	0.0	
VMP-14-5	9/16/2015	0900	-0.56	0.31	0.0	0	0.3	20.7	1.0	0.0	0.0	0.0	
VMP-14-5	10/21/2015	0829	-0.44	-0.96	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-14-5	11/23/2015	0858	-0.16	-0.09	0.0	0	0.1	20.8	0.0	0	0.0	0.0	
VMP-14-5	12/16/2015	0928	-0.11	-0.46	0.0	0	0.1	20.9	0.2	0	0.0	0.0	
VMP-14-5	1/21/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-14-5	2/17/2016	1341	-0.17	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-14-5	3/22/2016	0850	0.00	0.00	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-14-5	4/20/2016	1026	0.00	0.00	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-14-5	5/19/2016	0930	-0.05	-0.03	0.0	0	0.5	20.5	0.9	0.1	0.0	0.1	
VMP-14-5	6/21/2016	0835	0.00	0.00	0.0	0	0.4	20.4	0.6	0.0	0.0	0.0	
VMP-14-5	7/20/2016	1030	-9.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-14-5	8/24/2016	0830	0.00	0.0	0.0	0	0.6	20.4	1.1	0.0	0.0	0.0	
VMP-14-5	9/21/2016	0912	-0.29	0.00	0.0	0	0.8	20.0	0.9	0.0	0.0	0.0	
VMP-14-5	10/20/2016	0825	0.00	0.00	0.0	0	0.3	20.6	0.9	0.0	0.0	0.0	
VMP-14-5	11/16/2016	0817	0.00	0.00	0.0	0	0.1	20.8	0.7	1.5	0.0	1.5	
VMP-14-5	12/5/2016	0900	0.00	NM	0.0	0	0.6	19.8	0.5	0.0	0.0	0.0	
VMP-14-5	12/22/2016	1038	0.00	0.00	0.0	0	0.3	20.7	0.1	2.4	2.4	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-14-11.5	12/11/2012	1505	-0.05	-0.04	0.0	0	2.0	19.7	0.4	0.6	0.0	0.6	Initail sample after Public Works SVE startup.
VMP-14-11.5	12/12/2012	1614	-0.08	-0.06	0.0	0	1.7	19.8	3.2	7.9	0.0	7.9	
VMP-14-11.5	12/13/2012	1009	-0.05	-0.03	0.0	0	1.4	20.2	8.9	19.0	0.0	19.0	
VMP-14-11.5	12/19/2012	1356	-0.04	-0.25	0.0	0	1.6	19.6	0.9	1.9	0.0	1.9	
VMP-14-11.5	1/16/2013	1453	-0.10	-0.03	0.0	0	1.0	19.5	0.3	0.8	0.0	0.8	
VMP-14-11.5	2/25/2013	1020	-0.05	0.00	0.0	0	0.6	20.4	3.2	7.0	0.0	7.0	
VMP-14-11.5	3/20/2013	1519	-0.04	-0.05	0.0	0	0.4	20.5	0.2	1.7	0.0	1.7	
VMP-14-11.5	4/25/2013	1125	-0.04	-0.15	0.0	0	0.4	19.9	0.6	1.1	0.0	1.1	
VMP-14-11.5	5/22/2013	1345	-0.21	-0.16	0.0	0	0.4	20.2	0.6	1.1	0.0	1.1	
VMP-14-11.5	6/25/2013	1440	-0.09	-0.12	0.0	0	1.4	19.9	0.6	0.3	0.0	0.3	
VMP-14-11.5	7/24/2013	1454	-0.27	-0.28	0.0	0	0.5	20.4	0.9	1.4	0.0	1.4	
VMP-14-11.5	8/28/2013	1302	-0.24	-0.27	0.0	0	0.5	20.6	0.6	1.1	0.0	1.1	
VMP-14-11.5	9/25/2013	1313	-0.29	-0.31	0.0	0	0.3	20.6	0.7	1.4	0.0	1.4	
VMP-14-11.5	10/23/2013	1536	-0.41	-0.40	0.0	0	0.2	20.8	1.6	0.93	0.0	0.93	
VMP-14-11.5	11/20/2013	1414	0.00	-0.36	0.0	0	0.2	20.9	0.8	2.16	0.0	2.16	
VMP-14-11.5	12/18/2013	1608	-0.32	-0.29	0.0	0	0.2	20.9	0.5	0.13	0.0	0.13	
VMP-14-11.5	1/29/2014	1400	-0.16	-0.13	0.0	0	0.3	20.7	0.8	0.97	0.0	0.97	
VMP-14-11.5	2/19/2014	1431	-0.20	-0.22	0.0	0	0.2	20.8	1.1	1.26	0.0	1.26	
VMP-14-11.5	3/19/2014	1428	-0.22	-0.29	0.0	0	0.2	20.8	0.9	0.74	0.0	0.74	
VMP-14-11.5	4/23/2014	1403	-0.36	-0.38	0.0	0	0.4	20.9	0.9	2.38	0.0	2.38	
VMP-14-11.5	5/21/2014	1518	-0.45	-0.46	0.0	0	0.6	20.8	0.9	1.53	0.0	1.53	
VMP-14-11.5	6/18/2014	1026	-0.65	-0.44	0.0	0	0.7	20.2	1.9	2.72	0.0	2.72	
VMP-14-11.5	7/23/2014	1513	-0.43	-0.44	0.0	0	0.3	20.8	1.8	1.98	0.0	1.98	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-14-11.5	8/21/2014	0940	-0.38	-0.50	0.0	0	0.8	20.2	1.6	1.87	0.0	1.87	
VMP-14-11.5	9/17/2014	0920	-0.55	-0.56	0.0	0	0.6	20.4	0.9	1.34	0.0	1.34	
VMP-14-11.5	10/22/2014	1129	-0.48	-0.46	0.0	0	0.4	20.6	1.3	1.56	0.0	1.56	
VMP-14-11.5	11/19/2014	1123	-0.43	-0.46	0.0	0	0.2	20.6	1.1	1.15	0.0	1.15	
VMP-14-11.5	12/17/2014	0922	-0.55	-0.53	0.0	0	0.2	20.9	2.6	1.7	0.0	1.7	
VMP-14-11.5	1/28/2015	0953	-0.46	-0.47	0.0	0	0.1	20.9	0.6	0.6	0.0	0.6	
VMP-14-11.5	2/25/2015	1219	-0.30	-0.42	0.0	0	0.1	20.7	0.4	0.3	0.0	0.3	
VMP-14-11.5	3/25/2015	1550	-0.54	-0.57	0.0	0	0.3	20.7	1.0	2.4	0.0	2.4	
VMP-14-11.5	4/22/2015	1110	-0.25	-0.46	0.0	0	0.2	20.8	0.5	0.5	0.0	0.5	
VMP-14-11.5	5/20/2015	0905	-0.68	-0.63	0.0	0	0.7	20.4	0.3	0.6	0.0	0.6	
VMP-14-11.5	6/18/2015	0833	-0.29	-0.34	0.0	0	2.2	18.7	0.4	0.8	0.0	0.8	
VMP-14-11.5	7/22/2015	0952	-0.12	-0.44	0.0	0	0.9	20.3	0.6	0.0	0.0	0.0	
VMP-14-11.5	8/19/2015	1030	-0.23	-0.41	0.0	0	0.9	19.9	0.7	0.0	0.0	0.0	
VMP-14-11.5	9/16/2015	0905	-0.53	-1.03	0.0	0	0.4	20.7	0.7	0.0	0.0	0.0	
VMP-14-11.5	10/21/2015	0839	-0.59	-0.47	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-14-11.5	11/23/2015	0859	-0.55	-0.47	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-14-11.5	12/16/2015	0929	-0.25	-0.35	0.0	0	0.4	20.7	0.2	0	0.0	0.0	
VMP-14-11.5-Dup	12/16/2015	0932	NM	NM	0.0	0	0.4	20.8	0.2	0	0.0	0.0	Duplicate sample.
VMP-14-11.5	1/21/2016	0906	-4.29	-0.31	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-14-11.5	2/17/2016	1342	-0.10	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-14-11.5	3/22/2016	0855	0.00	0.00	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-14-11.5	4/20/2016	1027	0.00	0.00	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-14-11.5-Dup	4/20/2016	1027	NM	NM	0.0	0	0.2	20.8	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-14-11.5	5/19/2016	0935	0.00	0.00	0.0	0	0.5	20.6	0.8	1.1	0.0	1.1	
VMP-14-11.5	6/21/2016	0840	0.00	0.00	0.0	0	0.4	20.6	1.5	1.1	0.0	1.1	
VMP-14-11.5	7/20/2016	1031	-46.66	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-14-11.5	8/24/2016	0831	-0.24	0.00	0.0	0	0.6	20.3	1.6	0.0	0.0	0.0	
VMP-14-11.5	9/21/2016	0913	0.00	0.00	0.0	0	0.8	20.2	1.3	0.0	0.0	0.0	
VMP-14-11.5	10/20/2016	0831	0.00	0.00	0.0	0	0.3	20.6	0.7	0.0	0.0	0.0	
VMP-14-11.5	11/16/2016	0818	0.00	0.00	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-14-11.5	12/5/2016	0901	0.00	NM	0.0	0	0.5	19.8	0.2	0.0	0.0	0.0	
VMP-14-11.5	12/22/2016	1041	0.00	0.00	0.0	0	0.2	20.7	0.2	1.5	1.2	0.3	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-14-20	12/11/2012	1506	-0.11	-0.09	56.3	OVR	16.4	1.7	1320	77900	42800	35100	Initail sample after Public Works SVE startup.
VMP-14-20	12/12/2012	1614	-0.10	-0.11	46.5	OVR	14.6	4.1	1210	57000	34400	22600	
VMP-14-20	12/13/2012	1010	-0.02	-0.04	53.1	OVR	16.4	2.4	1030	72900	39900	33000	
VMP-14-20	12/19/2012	1400	-0.16	-0.03	42.5	OVR	14.4	2.4	1350	63500	39200	24300	
VMP-14-20	1/16/2013	1457	-0.68	-0.07	43.5	OVR	13.7	2.9	1150	62900	33800	29100	Manometer reading rechecked and verified.
VMP-14-20	2/25/2013	1025	-0.12	-0.01	19.0	OVR	10.9	5.8	1090	29100	22000	7100	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-14-20	3/20/2013	1523	-0.04	-0.09	14.5	OVR	9.5	6.9	960	26900	19500	7400	
VMP-14-20	4/25/2013	1130	-0.06	-0.22	4.0	80	5.9	12.1	463	14600	12300	2300	
VMP-14-20	5/22/2013	1346	-0.38	-0.31	4.1	82	3.6	15.5	23.0	45000	42000	3000	
VMP-14-20	6/25/2013	1444	-0.17	-0.22	2.6	53	6.6	10.8	127	9940	9450	490	
VMP-14-20	7/24/2013	1458	-0.56	-0.60	0.3	6	3.1	16.3	152	890	370	520	
VMP-14-20	8/28/2013	1303	-0.45	-0.50	0.2	4	3.1	16.1	165	880	350	530	
VMP-14-20	9/25/2013	1316	-0.50	-0.54	0.1	3	3.0	14.7	205	690	212	478	
VMP-14-20	10/23/2013	1541	-0.60	-0.60	0.0	0	4.7	13.5	31.0	188	91.0	97.0	
VMP-14-20	11/20/2013	1418	-0.69	-0.55	0.0	1	9.0	6.5	40.0	173	109	64.0	
VMP-14-20	12/18/2013	1612	-0.41	-0.54	0.3	6	10.9	2.9	114	444	346	98.0	
VMP-14-20	1/29/2014	1401	-0.28	-0.27	0.0	0	7.1	10.7	2.1	104.3	94.6	9.7	
VMP-14-20	2/19/2014	1432	-0.34	-0.39	0.0	0	5.7	11.7	2.2	44.9	44.9	0	
VMP-14-20	3/19/2014	1432	-0.52	-0.70	0.0	0	3.7	16.8	1.1	22.6	22.6	0	
VMP-14-20	4/23/2014	1403	-0.82	-0.81	0.0	0	2.7	18.0	1.0	12	12.0	0	
VMP-14-20	5/21/2014	1518	-1.05	-1.90	0.0	0	3.5	17.1	1.3	9.25	8.2	1.01	
VMP-14-20	6/18/2014	1026	-25.00	-0.96	0.0	0	1.7	19.1	1.7	7.78	5.8	1.94	Initial vacuum checked three times and verified.
VMP-14-20	7/23/2014	1515	-0.85	-0.89	0.0	0	1.8	18.8	2.2	8.33	7.9	0.43	
VMP-14-20	8/21/2014	0945	-0.35	-0.96	0.0	0	0.9	19.8	2.0	7.83	7.3	0.58	
VMP-14-20	9/17/2014	0921	-5.42	-1.14	0.0	0	0.6	20.4	0.8	1.42	0.0	1.42	
VMP-14-20	10/22/2014	1135	-1.92	-0.97	0.0	0	0.7	20.1	1.7	6.56	5.2	1.37	
VMP-14-20	11/19/2014	1124	-0.64	-0.97	0.0	0	1.6	18.6	4.5	14.9	9.6	5.3	
VMP-14-20	12/17/2014	0930	-1.34	-1.27	0.0	0	2.0	18.0	2.8	11.95	8.7	3.25	
VMP-14-20	1/28/2015	0955	-0.84	-1.06	0.0	0	2.1	17.8	3.5	5.7	3.6	2.1	
VMP-14-20	2/25/2015	1220	-0.81	-0.84	0.0	0	3.1	16.2	22.5	15.8	2.4	13.4	
VMP-14-20	3/25/2015	1551	-0.91	-1.52	0.0	0	2.0	18.0	1.6	7.7	7.7	0.0	
VMP-14-20	4/22/2015	1111	-3.19	-1.05	0.0	0	1.5	18.6	0.7	7.2	6.7	0.5	
VMP-14-20	5/20/2015	0910	-1.06	-1.17	0.0	0	2.2	18.2	0.4	3.5	0.0	3.5	
VMP-14-20	6/18/2015	0837	-0.61	-1.23	0.0	1	10.0	7.3	25.6	117	72.7	44.3	
VMP-14-20	7/22/2015	0956	-1.39	-1.03	0.0	0	3.7	16.3	5.7	41.1	26.1	15.0	
VMP-14-20	8/19/2015	1035	-0.99	-1.35	0.0	0	1.7	18.6	1.2	13.3	9.1	4.2	
VMP-14-20	8/19/2015	0000	NM	NM	0.0	0	2.0	18.1	3.6	25.9	13.7	12.2	
VMP-14-20	9/16/2015	0910	-1.03	0.17	0.0	0	1.7	18.7	5.0	26.8	11.5	15.3	
VMP-14-20	10/21/2015	0855	-0.93	-0.83	0.0	0	1.0	19.4	1.1	3.4	0.0	3.4	
VMP-14-20	11/23/2015	0900	-5.35	-0.96	0.0	0	2.3	17.8	5.3	24.7	5.6	19.1	
VMP-14-20	12/16/2015	0930	-1.18	-0.48	0.0	1	7.2	11.5	27.8	35.6	0.0	35.6	
VMP-14-20	1/21/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-14-20	2/17/2016	1343	-0.11	-0.59	0.0	0	3.5	16.1	5.7	9.5	1.5	8.0	
VMP-14-20	3/22/2016	0900	-0.52	-0.41	0.0	0	2.6	17.0	0.4	0.4	0.0	0.4	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-14-20	4/20/2016	1028	0.00	0.00	0.0	0	5.7	11.9	0.6	7.4	6.5	0.9	
VMP-14-20	5/19/2016	0940	-0.52	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submergred.
VMP-14-20	6/21/2016	0845	-1.97	NM	0.0	0	7.5	6.1	4.7	8.3	6.2	2.1	Muddy water present in tedlar.
VMP-14-20	7/20/2016	1032	-90.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-14-20	8/24/2016	0832	-1.87	1.9	0.0	0	3.5	16.5	0.7	3.1	0.0	3.1	
VMP-14-20	9/21/2016	0914	0.00	0.00	0.0	0	2.8	17.7	0.5	1.2	0.0	1.2	
VMP-14-20	10/20/2016	0835	-0.76	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submergred.
VMP-14-20	11/16/2016	0819	0.00	0.00	0.0	0	0.2	20.8	0.6	0.0	0.0	0.0	
VMP-14-20	12/5/2016	0902	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Stainless steel tubing damaged.
VMP-14-20	12/22/2016	1044	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to pending re-installation.
VMP-14-29	12/11/2012	1507	-0.11	-0.09	81.1	OVR	17.2	0.7	1720	106000	51900	54100	Initail sample after Public Works SVE startup.
VMP-14-29	12/12/2012	1614	-0.10	-0.10	79.0	OVR	17.5	0.5	1710	102000	52700	49300	
VMP-14-29	12/13/2012	1010	-0.11	-0.05	81.3	OVR	17.8	0.7	1370	110000	57800	52200	
VMP-14-29	12/19/2012	1404	0.06	-0.04	76.1	OVR	16.5	1.3	1570	100000	62900	37100	
VMP-14-29	1/16/2013	1501	-0.04	-0.05	83.0	OVR	15.7	1.0	1390	107000	52000	55000	
VMP-14-29	2/25/2013	1030	-0.12	-0.01	67.5	OVR	11.6	4.4	1705	69800	33300	36500	
VMP-14-29	3/20/2013	1527	-0.08	-0.11	85.3	OVR	13.6	0.9	1475	101000	58700	42300	
VMP-14-29	4/25/2013	1135	-0.07	-0.23	OVR	OVR	12.3	0.9	1260	145000	68000	77000	
VMP-14-29	5/22/2013	1347	-0.42	-0.35	OVR	OVR	11.6	1.7	438	533000	370000	163000	
VMP-14-29	6/25/2013	1448	-0.21	-0.22	OVR	OVR	11.2	2.3	689	80530	39110	41420	
VMP-14-29	7/24/2013	1502	-0.30	-0.64	50.2	OVR	11.0	1.2	3700	24800	1400	23400	
VMP-14-29	8/28/2013	1304	-0.54	-0.52	24.1	OVR	12.4	1.4	4800	26400	1700	24700	
VMP-14-29	9/25/2013	1320	-0.61	-0.65	14.7	OVR	12.4	2.4	2300	24200	900	23300	
VMP-14-29	10/23/2013	1546	-0.69	-0.69	5.4	OVR	11.6	4.8	2200	7390	950	6440	
VMP-14-29	11/20/2013	1422	-0.44	-0.58	2.6	52	13.3	1.6	712	2240	826	1414	
VMP-14-29	12/18/2013	1616	-0.74	-0.42	1.8	37	13.4	0.5	543	1260	372	888	
VMP-14-29	1/29/2014	1401	-0.59	-0.29	1.5	30	14.7	0.8	598	2850	1490.0	1360	
VMP-14-29	2/19/2014	1432	-0.62	-0.43	1.1	22	13.4	1.4	382	1150	250.0	900	
VMP-14-29	3/19/2014	1438	-0.55	-0.47	1.1	22	13.5	1.5	328	970	331.0	639	
VMP-14-29	4/23/2014	1404	-0.86	-0.83	1.0	21	14.1	1.0	282	781	194.0	587	
VMP-14-29	5/21/2014	1518	-0.99	-0.99	0.5	10	12.7	2.2	183	489.8	104.9	384.9	
VMP-14-29	6/18/2014	1026	-1.07	-1.10	0.2	4	13.4	0.9	118	321.4	79.8	241.6	
VMP-14-29	7/23/2014	1515	-0.98	-1.00	0.0	1	13.3	3.2	64.6	110	40.6	69.4	
VMP-14-29	8/21/2014	0950	-1.23	-1.10	0.0	0	15.9	2.2	91.4	234	96.8	137.2	
VMP-14-29	9/17/2014	0922	-1.22	-1.20	0.0	0	14.4	3.1	65.7	224	78.1	145.9	
VMP-14-29	10/22/2014	1132	-1.43	-1.16	0.0	0	14.3	2.9	25.8	131.8	98.3	33.5	
VMP-14-29	11/19/2014	1124	-1.80	-1.17	0.0	0	12.9	4.2	4.8	98.7	90.2	8.5	
VMP-14-29	12/17/2014	0935	-2.44	-1.31	0.0	0	12.5	3.7	2.9	40.3	38.8	1.5	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-14-29	1/28/2015	0959	-1.15	-1.11	0.0	0	8.5	9.1	2.0	15	14.0	1.4	
VMP-14-29	2/25/2015	1221	-1.88	-1.03	0.0	0	5.7	12.5	1.3	1.7	0.0	1.7	
VMP-14-29	3/25/2015	1552	-1.15	-1.22	0.0	0	7.6	8.5	1.9	2.7	0.0	2.7	
VMP-14-29	4/22/2015	1112	-1.22	-1.07	0.0	0	11.7	2.2	1.4	8.2	3.2	5.0	
VMP-14-29	5/20/2015	0915	-1.22	-1.29	0.0	0	7.5	9.4	0.7	3.1	0.0	3.1	
VMP-14-29	6/18/2015	0841	-0.21	-1.19	0.0	0	7.3	10.3	1.4	2.6	0.0	2.6	
VMP-14-29	7/22/2015	1000	-1.03	-1.05	0.0	0	9.0	8.3	0.6	0.0	0.0	0.0	
VMP-14-29	8/19/2015	1045	-1.48	-1.54	0.0	0	6.7	12.0	1.1	0.0	0.0	0.0	
VMP-14-29	9/16/2015	0915	-0.87	-1.09	0.0	0	7.0	12.2	1.2	2.1	0.0	2.1	
VMP-14-29	10/21/2015	0900	-1.22	-0.99	0.0	0	5.3	14.9	0.7	0.8	0.0	0.8	
VMP-14-29	11/23/2015	0901	-1.15	-1.05	0.0	0	5.2	14.6	0.2	2.3	0.0	2.3	
VMP-14-29	12/16/2015	0931	-0.88	-3.97	0.0	0	6.7	13.3	0.5	1.2	0.0	1.2	
VMP-14-29	1/21/2016	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-14-29	2/17/2016	1344	-0.63	-0.63	0.0	0	7.8	10.7	0.5	95.7	91.2	4.5	
VMP-14-29	3/22/2016	0905	0.00	0.00	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	Resampled due to ambient air present in Tedlar bag.
VMP-14-29	3/23/2016	1305	0.00	NM	0.0	0	0.5	20.3	1.1	0.0	0.0	0.0	Resample.
VMP-14-29-Dup	3/23/2016	1305	NM	NM	0.0	0	0.6	20.2	1.1	0.0	0.0	0.0	Duplicate sample.
VMP-14-29	4/20/2016	1029	0.00	0.00	0.0	0	0.7	20.0	0.6	0.0	0.0	0.0	
VMP-14-29	5/19/2016	0945	-0.40	-0.03	0.0	0	1.4	19.2	0.6	0.0	0.0	0.0	
VMP-14-29	6/21/2016	0850	0.00	0.00	0.0	0	0.4	20.4	0.6	0.0	0.0	0.0	
VMP-14-29	7/20/2016	1033	-3.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-14-29	8/24/2016	0833	0.00	0.00	0.0	0	0.6	20.4	0.5	0.0	0.0	0.0	
VMP-14-29	9/21/2016	0915	0.00	0.00	0.0	0	0.8	20.3	1.0	0.0	0.0	0.0	
VMP-14-29-Dup	9/21/2016	0915	NM	NM	0.0	0	0.8	20.2	0.8	0.0	0.0	0.0	Duplicate sample.
VMP-14-29	10/20/2016	0836	0.00	0.00	0.0	0	0.2	20.6	0.6	0.0	0.0	0.0	
VMP-14-29	11/16/2016	0823	0.00	0.00	0.0	0	0.1	20.8	0.8	0.0	0.0	0.0	
VMP-14-29	12/5/2016	0903	0.00	NM	0.0	0	0.8	19.1	0.6	0.0	0.0	0.0	
VMP-14-29	12/22/2016	1048	-1.30	0.00	0.0	0	0.2	20.7	0.3	1.8	1.8	0.0	Initial vacuum measured at -0.43 inwc on 12/28/2016.
VMP-17-5	3/6/2012	1333	-0.05	-0.02	0.0	0	1.1	20.4	0.2	1.1	0.0	1.1	Benzene Reading: 0.0 ppm
VMP-17-5	3/7/2012	1003	0.00	0.03	0.0	0	1.2	20.6	0.4	0.0	0.0	0.0	Benzene Reading: 0.0 ppm
VMP-17-5	3/21/2012	1310	0.00	0.00	0.0	0	1.2	19.7	1.1	0.0	0.0	0.0	
VMP-17-5	4/18/2012	1131	0.00	0.00	0.0	0	1.0	20.5	0.7	4.9	0.0	4.9	
VMP-17-5	5/16/2012	1326	-0.02	-0.01	0.0	0	1.2	19.8	0.6	0.0	0.0	0.0	
VMP-17-5	6/20/2012	813	0.00	0.00	0.0	0	0.9	20.1	0.1	0.0	0.0	0.0	
VMP-17-5	7/18/2012	837	-0.01	-0.01	0.0	0	0.6	20.5	0.4	0.6	0.0	0.6	
VMP-17-5	8/15/2012	820	-0.01	0.00	0.0	0	0.5	20.6	0.5	2.4	0.0	2.4	
VMP-17-5	9/19/2012	1117	0.00	0.00	0.0	0	0.4	20.5	0.5	1.5	0.0	1.5	
VMP-17-5	10/17/2012	1345	0.00	0.00	0.0	0	0.4	20.5	0.4	1.2	0.0	1.2	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-17-5	11/20/2012	1145	-0.04	-0.03	0.0	0	0.2	20.8	0.2	1.4	0.0	1.4	
VMP-17-5	12/3/2012	1330	0.00	0.00	0.0	0	0.4	20.5	0.2	4.0	0.0	4.0	
VMP-17-5	12/4/2012	1341	-0.09	-0.02	0.0	0	0.3	20.7	0.3	1.3	0.0	1.3	
VMP-17-5	12/19/2012	1442	-0.01	-0.02	0.0	0	0.3	20.8	0.3	0.8	0.0	0.8	
VMP-17-5	1/16/2013	1154	-0.01	-0.01	0.0	0	0.1	20.8	0.1	1.1	0.0	1.1	
VMP-17-5	2/25/2013	1405	0.00	0.00	0.0	0	0.0	20.9	0.2	0.7	0.0	0.7	
VMP-17-5	3/20/2013	1607	-0.11	-0.01	0.0	0	0.0	20.9	0.1	3.1	0.0	3.1	
VMP-17-5	4/24/2013	841	0.00	0.00	0.0	0	0.4	20.6	0.1	0.6	0.0	0.6	
VMP-17-5	5/22/2013	1340	-0.02	0.00	0.0	0	0.6	20.3	0.1	0.3	0.0	0.3	
VMP-17-5	6/25/2013	1604	0.00	0.00	0.0	0	1.0	20.2	0.3	0.2	0.0	0.2	
VMP-17-5	7/24/2013	1321	-0.06	-0.07	0.0	0	0.4	20.6	1.0	2.0	0.0	2.0	
VMP-17-5	8/29/2013	0935	-0.03	0.00	0.0	0	0.2	20.6	0.4	2.3	0.0	2.3	
VMP-17-5	9/25/2013	1415	0.00	0.00	0.0	0	0.2	20.8	0.6	1.5	0.0	1.5	
VMP-17-5	10/23/2013	1250	0.00	0.00	0.0	0	0.0	20.9	0.0	1.9	0.0	1.9	
VMP-17-5	11/20/2013	1200	0.00	0.00	0.0	0	0.1	20.9	0.3	1.3	0.0	1.3	
VMP-17-5	12/18/2013	1426	-0.02	-0.02	0.0	0	0.0	20.9	0.1	0.7	0.0	0.7	
VMP-17-5	1/29/2014	1517	0.00	0.00	0.0	0	0.1	20.9	0.3	1.8	0.0	1.8	
VMP-17-5	2/19/2014	1308	0.00	0.00	0.0	0	0.1	20.9	1.0	1.22	0.0	1.22	
VMP-17-5	3/20/2014	0956	0.00	0.00	0.0	0	0.2	20.9	0.7	0.54	0.0	0.54	
VMP-17-5	4/23/2014	1516	0.00	0.00	0.0	0	0.5	20.9	1.0	1.85	0.0	1.85	
VMP-17-5	5/22/2014	0843	0.00	-0.04	0.0	0	0.6	20.5	0.8	1.78	0.0	1.78	
VMP-17-5	6/18/2014	1100	0.00	0.00	0.0	0	0.8	20.3	2.7	3.98	0.0	3.98	
VMP-17-5	7/23/2014	0935	0.00	0.00	0.0	0	0.6	20.5	1.4	1.28	0.0	1.28	
VMP-17-5	8/20/2014	1510	0.00	0.00	0.0	0	0.8	20.5	1.8	2.25	0.0	2.25	
VMP-17-5-Dup	8/20/2014	1515	NM	NM	0.0	0	0.7	20.5	2.1	1.24	0.0	1.24	Duplicate Sample.
VMP-17-5	9/17/2014	1339	0.00	0.00	0.0	0	0.4	20.6	1.3	2.14	0.0	2.14	
VMP-17-5	10/22/2014	1342	-0.04	0.00	0.0	0	0.3	20.8	1.6	0.54	0.0	0.54	
VMP-17-5	11/19/2014	1352	-0.13	-0.12	0.0	0	0.1	20.9	1.1	0.74	0.0	0.74	
VMP-17-5	12/17/2014	1346	0.00	0.00	0.0	0	0.1	20.8	1.2	1.28	0.0	1.28	
VMP-17-5	1/28/2015	1034	0.00	0.00	0.0	0	0.1	20.8	0.9	1.0	0.0	1.0	
VMP-17-5	2/25/2015	1458	0.00	0.00	0.0	0	0.1	20.8	0.5	0.6	0.0	0.6	
VMP-17-5	3/25/2015	0925	0.00	0.00	0.0	0	0.2	20.8	0.5	1.3	0.0	1.3	
VMP-17-5-Dup	3/25/2015	0925	0.00	0.00	0.0	0	0.2	20.8	0.6	1.2	0.0	1.2	Duplicate Sample
VMP-17-5	4/22/2015	1203	0.00	0.00	0.0	0	0.2	20.7	0.3	1.2	0.0	1.2	
VMP-17-5	5/20/2015	1415	0.00	0.00	0.0	0	0.7	20.5	0.2	1.4	0.0	1.4	
VMP-17-5	6/17/2015	1026	0.00	0.00	0.0	0	0.7	20.4	0.3	0.5	0.0	0.5	
VMP-17-5-Dup	6/17/2015	1026	NM	NM	0.0	0	0.7	20.4	0.3	0.4	0.0	0.4	Duplicate Sample
VMP-17-5	7/22/2015	1030	0.00	0.00	0.0	0	0.7	20.3	0.2	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-17-5	8/19/2015	1410	0.00	0.00	0.0	0	0.7	20.3	0.3	0.0	0.0	0.0	
VMP-17-5	9/16/2015	1330	0.00	0.00	0.0	0	0.4	20.7	0.3	0.0	0.0	0.0	
VMP-17-5	10/21/2015	1250	0.00	0.00	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-17-5	11/23/2015	1357	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-17-5-Dup	11/23/2015	1402	NM	NM	0.0	0	0.0	20.9	0.0	0	0.0	0.0	Duplicate sample.
VMP-17-5	12/17/2015	1325	0.00	0.00	0.0	0	0.0	20.9	0.4	0	0.0	0.0	
VMP-17-5	1/20/2016	1107	0.13	0.00	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-17-5	2/17/2016	1519	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-17-5-Dup	2/17/2016	1519	NM	NM	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-17-5	3/22/2016	1350	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-17-5	4/21/2016	0905	-0.04	-0.03	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-17-5-Dup	4/21/2016	0905	NM	NM	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-17-5	5/19/2016	1325	-0.02	-0.03	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-17-5	6/21/2016	1110	0.00	0.00	0.0	0	0.5	20.5	0.7	0.0	0.0	0.0	
VMP-17-5	7/20/2016	1421	0.00	0.00	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	
VMP-17-5-Dup	7/20/2016	1422	NM	NM	0.0	0	0.7	20.3	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-17-5	8/24/2016	0851	0.00	0.00	0.0	0	0.8	20.3	0.1	0.0	0.0	0.0	
VMP-17-5	9/21/2016	1151	0.00	0.00	0.0	0	0.8	20.3	0.0	0.0	0.0	0.0	
VMP-17-5	10/20/2016	1117	0.00	0.00	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-17-5	11/16/2016	1055	0.00	0.00	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-17-5	12/21/2016	1308	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-18-8.5	12/3/2012	1623	-0.05	-0.14	0.0	0	2.0	19.6	0.2	3.8	0.0	3.8	Initail sample after Public Works SVE startup.
VMP-18-8.5	12/4/2012	1445	-0.26	-0.05	0.0	0	1.9	19.9	0.3	1.8	0.0	1.8	
VMP-18-8.5	12/19/2012	1431	-0.13	-0.02	0.0	0	2.1	19.9	0.3	0.2	0.0	0.2	
VMP-18-8.5	1/16/2013	1202	-0.08	-0.01	0.0	0	0.8	20.4	0.2	1.0	0.0	1.0	
VMP-18-8.5	2/25/2013	857	-0.13	-0.15	0.0	0	0.5	20.5	0.3	1.5	0.0	1.5	
VMP-18-8.5	3/20/2013	1354	-0.15	-0.09	0.0	0	0.4	20.7	0.4	2.8	0.0	2.8	
VMP-18-8.5	4/24/2013	917	-0.26	-0.10	0.0	0	0.9	19.8	0.1	1.8	0.0	1.8	
VMP-18-8.5	5/22/2013	1400	-0.10	-0.06	0.0	0	1.3	19.3	0.1	0.4	0.0	0.4	
VMP-18-8.5	6/25/2013	1556	-0.04	0.00	0.0	0	1.7	19.2	0.2	0.3	0.0	0.3	
VMP-18-8.5	7/24/2013	1342	-0.14	-0.13	0.0	0	2.0	19.3	0.8	1.4	0.0	1.4	
VMP-18-8.5	8/29/2013	0958	-0.07	-0.08	0.0	0	1.2	19.8	0.5	1.7	0.0	1.7	
VMP-18-8.5	9/26/2013	1034	-0.10	-0.09	0.0	0	0.7	20.2	0.5	2.1	0.0	2.1	
VMP-18-8.5	10/24/2013	1102	-0.09	-0.10	0.0	0	0.4	20.4	0.2	1.2	0.0	1.2	
VMP-18-8.5	11/20/2013	1237	-0.21	0.00	0.0	0	0.3	20.7	0.4	0.8	0.0	0.8	
VMP-18-8.5	12/18/2013	1440	-0.27	-0.39	0.0	0	0.2	20.9	0.2	0.1	0.0	0.1	
VMP-18-8.5	1/29/2014	1455	-0.23	-0.22	0.0	0	0.2	20.8	0.4	1.48	0.0	1.48	
VMP-18-8.5	2/25/2014	1101	-0.16	-0.11	0.0	0	0.1	20.9	1.4	2.62	0.0	2.62	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-18-8.5	3/20/2014	1017	-0.09	0.00	0.0	0	0.2	20.9	0.8	0.39	0.0	0.39	
VMP-18-8.5	4/23/2014	1535	-0.04	0.00	0.0	0	0.5	20.6	1.2	2.02	0.0	2.02	
VMP-18-8.5	5/22/2014	0858	-0.14	-0.11	0.0	0	1.2	19.9	1.1	1.39	0.0	1.39	
VMP-18-8.5	6/18/2014	1532	-0.07	-0.05	0.0	0	1.8	19.6	0.8	0.69	0.0	0.69	
VMP-18-8.5	7/23/2014	1224	-0.08	-0.08	0.0	0	1.8	19.5	1.2	1.2	0.0	1.2	
VMP-18-8.5	8/20/2014	1055	-0.11	-0.08	0.0	0	1.4	19.7	1.0	0.19	0.0	0.19	
VMP-18-8.5	9/17/2014	1405	-0.07	-0.08	0.0	0	1.6	19.9	1.6	2.63	0.0	2.63	
VMP-18-8.5	10/22/2014	1402	-0.06	-0.07	0.0	0	1.0	20.2	1.5	0.15	0.0	0.15	
VMP-18-8.5	11/19/2014	1429	-0.22	-0.10	0.0	0	0.6	20.6	1.2	0.45	0.0	0.45	
VMP-18-8.5	12/18/2014	1029	-0.45	0.00	0.0	0	0.4	20.7	2.0	1.45	0.0	1.45	
VMP-18-8.5	1/28/2015	1010	-0.14	0.00	0.0	0	0.3	20.7	0.9	0.9	0.0	0.9	
VMP-18-8.5	2/26/2015	0915	-0.32	-0.10	0.0	0	0.3	20.7	0.8	0.2	0.0	0.2	
VMP-18-8.5	3/25/2015	1019	-0.16	-0.10	0.0	0	0.3	20.6	0.7	0.5	0.0	0.5	
VMP-18-8.5	4/22/2015	1418	0.00	0.00	0.0	0	0.9	20.0	1.0	0.4	0.0	0.4	
VMP-18-8.5	5/20/2015	1445	-0.10	-0.14	0.0	0	1.2	19.7	0.1	1.1	0.0	1.1	
VMP-18-8.5	6/17/2015	1041	-0.24	-0.17	0.0	0	1.6	19.2	0.3	0.0	0.0	0.0	
VMP-18-8.5	7/22/2015	1040	0.00	-0.10	0.0	0	2.6	18.8	0.1	0.0	0.0	0.0	
VMP-18-8.5-Dup	7/22/2015	1040	NM	NM	0.0	0	2.6	18.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-18-8.5	8/19/2015	1425	-0.10	-0.10	0.0	0	2.3	19.1	0.4	0.0	0.0	0.0	
VMP-18-8.5-Dup	8/19/2015	1425	NM	NM	0.0	0	2.3	19.0	0.3	0	0.0	0.0	Duplicate sample.
VMP-18-8.5	9/16/2015	1350	0.00	0.00	0.0	0	1.7	19.8	0.3	0	0.0	0.0	
VMP-18-8.5	10/21/2015	1231	0.00	0.00	0.0	0	1.0	20.3	0.0	0	0.0	0.0	
VMP-18-8.5	11/23/2015	1419	-0.18	-0.11	0.0	0	0.5	20.3	0.0	0	0.0	0.0	
VMP-18-8.5	12/17/2015	1340	-0.10	-0.13	0.0	0	0.6	20.3	0.3	0	0.0	0.0	
VMP-18-8.5	1/20/2016	1133	0.00	-0.18	0.0	0	0.7	20.4	0.2	0.0	0.0	0.0	
VMP-18-8.5	2/18/2016	0930	-0.10	0.00	0.0	0	0.5	20.5	0.4	0.0	0.0	0.0	
VMP-18-8.5	3/22/2016	1130	0.00	0.00	0.0	0	0.6	20.1	0.3	0.0	0.0	0.0	
VMP-18-8.5	4/21/2016	0920	-0.11	-1.08	0.0	0	1.1	19.2	0.5	0.0	0.0	0.0	
VMP-18-8.5	5/18/2016	0856	-0.10	-0.11	0.0	0	2.2	18.9	0.6	0.0	0.0	0.0	
VMP-18-8.5	6/21/2016	1130	0.00	0.00	0.0	0	2.6	19.0	0.4	0.0	0.0	0.0	
VMP-18-8.5	7/20/2016	1403	0.00	0.0	0.0	0	2.1	19.1	0.0	0.0	0.0	0.0	
VMP-18-8.5	8/24/2016	0945	0.00	0.00	0.0	0	2.5	18.5	0.0	0.0	0.0	0.0	
VMP-18-8.5	9/21/2016	1210	0.00	0.00	0.0	0	2.2	18.5	0.0	0.0	0.0	0.0	
VMP-18-8.5	10/20/2016	1152	0.00	0.00	0.0	0	2.4	19.3	0.2	0.0	0.0	0.0	
VMP-18-8.5	11/16/2016	1134	0.00	0.00	0.0	0	1.7	19.3	0.2	0.0	0.0	0.0	
VMP-18-8.5	12/21/2016	1248	0.00	0.00	0.0	0	1.8	19.7	0.3	0.0	0.0	0.0	
VMP-19-5	3/6/2012	1315	-0.04	-0.02	0.0	0	2.4	19.7	0.3	2.2	0.0	2.2	Benzene Reading: 0.0 ppm
VMP-19-5	3/7/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Car parked over well. Could not sample.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-19-5	3/21/2012	1315	0.00	0.00	0.0	0	1.8	19.8	1.0	0.0	0.0	0.0	
VMP-19-5	4/18/2012	1138	-0.03	-0.01	0.0	0	1.3	19.9	0.8	2.6	0.0	2.6	
VMP-19-5	5/16/2012	1443	0.00	-0.01	0.0	0	1.1	19.8	0.7	0.0	0.0	0.0	
VMP-19-5	6/20/2012	840	-0.03	-0.01	0.0	0	1.4	19.7	0.2	0.0	0.0	0.0	
VMP-19-5	7/18/2012	1259	0.00	-0.01	0.0	0	0.9	20.1	0.9	3.8	0.0	3.8	
VMP-19-5	8/15/2012	1030	-0.05	-0.02	0.0	0	0.5	20.6	0.3	3.4	0.0	3.4	
VMP-19-5	9/19/2012	1405	0.00	0.00	0.0	0	0.6	20.2	0.5	2.3	0.0	2.3	
VMP-19-5	10/17/2012	1039	-0.05	0.00	0.0	0	0.5	20.5	0.2	1.8	0.0	1.8	
VMP-19-5	11/20/2012	1133	-0.07	-0.07	0.0	0	0.2	20.8	0.4	1.3	0.0	1.3	
VMP-19-5	12/3/2012	1614	-0.02	-0.03	0.0	0	0.2	20.6	0.3	4.4	0.0	4.4	
VMP-19-5	12/4/2012	1458	-0.04	-0.06	0.0	0	0.2	20.7	0.2	3.2	0.0	3.2	
VMP-19-5	12/19/2012	1422	-0.04	-0.04	0.0	0	0.2	20.8	0.3	0.5	0.0	0.5	
VMP-19-5	1/16/2013	1145	-0.02	-0.04	0.0	0	0.2	20.8	0.1	3.4	0.0	3.4	
VMP-19-5	2/25/2013	849	-0.02	-0.01	0.0	0	0.1	20.8	0.4	2.1	0.0	2.1	
VMP-19-5	3/20/2013	1404	-0.05	0.00	0.0	0	0.2	20.8	0.5	3.4	0.0	3.4	
VMP-19-5	4/24/2013	906	-0.13	-0.27	0.0	0	0.3	20.6	0.1	0.2	0.0	0.2	
VMP-19-5	5/22/2013	1350	-0.11	-0.08	0.0	0	0.6	20.2	0.2	0.4	0.0	0.4	
VMP-19-5	6/25/2013	1600	-0.03	0.00	0.0	0	0.8	20.3	0.4	0.6	0.0	0.6	
VMP-19-5	7/24/2013	1331	-0.11	-0.12	0.0	0	0.5	20.4	1.1	2.5	0.0	2.5	
VMP-19-5	8/29/2013	0953	-0.09	-0.08	0.0	0	0.2	20.7	0.5	2.6	0.0	2.6	
VMP-19-5	9/26/2013	1027	-0.09	-0.09	0.0	0	0.2	20.7	0.5	3.0	0.0	3.0	
VMP-19-5	10/24/2013	1056	-0.07	-0.13	0.0	0	0.0	20.7	0.2	2.2	0.0	2.2	
VMP-19-5	11/20/2013	1230	-0.26	-0.13	0.0	0	0.1	20.9	0.4	1.7	0.0	1.7	
VMP-19-5	12/18/2013	1433	-0.08	-0.18	0.0	0	0.0	20.9	0.2	0.7	0.0	0.7	
VMP-19-5	1/29/2014	1506	-0.11	-0.06	0.0	0	0.1	20.9	0.4	2.43	0.0	2.43	
VMP-19-5	2/19/2014	1316	-0.07	-0.12	0.0	0	0.1	20.9	1.1	1.31	0.0	1.31	
VMP-19-5	3/20/2014	1023	0.00	0.00	0.0	0	0.1	20.8	0.5	0.67	0.0	0.67	
VMP-19-5	4/23/2014	1528	-0.05	-0.14	0.0	0	0.3	20.8	1.3	1.85	0.0	1.85	
VMP-19-5	5/22/2014	0850	-0.10	-0.10	0.0	0	0.5	20.5	1.0	1.47	0.0	1.47	
VMP-19-5	6/18/2014	1526	-0.05	-0.05	0.0	0	0.8	20.5	0.8	1.25	0.0	1.25	
VMP-19-5	7/23/2014	1211	-0.08	-0.09	0.0	0	0.6	20.3	1.3	1.73	0.0	1.73	
VMP-19-5	8/20/2014	1050	-0.09	-0.08	0.0	0	0.5	20.7	1.1	0.56	0.0	0.56	
VMP-19-5	9/17/2014	1404	-0.09	-0.10	0.0	0	0.4	20.6	2.1	1.88	0.0	1.88	
VMP-19-5	10/22/2014	1355	-0.05	-0.09	0.0	0	0.2	20.8	1.6	0.53	0.0	0.53	
VMP-19-5	11/19/2014	1402	-0.08	-0.08	0.0	0	0.1	20.9	1.0	0.75	0.0	0.75	
VMP-19-5-Dup	11/19/2014	1407	NM	NM	0.0	0	0.1	20.9	1.1	0.89	0.0	0.89	Duplicate sample.
VMP-19-5	12/18/2014	1021	0.00	0.00	0.0	0	0.1	20.9	1.7	1.73	0.0	1.73	
VMP-19-5	1/28/2015	1022	-0.09	0.00	0.0	0	0.1	20.9	1.3	1.1	0.0	1.1	

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SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-19-5	2/26/2015	0903	-0.11	-0.09	0.0	0	0.1	20.9	0.8	0.3	0.0	0.3	
VMP-19-5-Dup	2/26/2015	0903	NM	NM	0.0	0	0.1	20.9	0.8	0.3	0.0	0.3	Duplicate sample.
VMP-19-5	3/25/2015	1009	-0.09	0.00	0.0	0	0.2	20.9	0.7	1.1	0.0	1.1	
VMP-19-5	4/22/2015	1416	-0.33	0.00	0.0	0	0.5	20.6	0.8	0.5	0.0	0.5	
VMP-19-5	5/20/2015	1430	-1.81	-0.12	0.0	0	0.4	20.5	0.3	1.9	0.0	1.9	
VMP-19-5	6/17/2015	1036	-0.25	-0.19	0.0	0	0.7	20.4	0.3	1.0	0.0	1.0	
VMP-19-5	7/22/2015	1035	0.00	-0.13	0.0	0	0.6	20.4	0.1	0.0	0.0	0.0	
VMP-19-5	8/19/2015	1430	-0.16	-0.15	0.0	0	0.5	20.6	0.3	1.7	0.0	1.7	
VMP-19-5	9/16/2015	1340	-0.09	0.00	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-19-5	10/21/2015	1242	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-19-5	11/23/2015	1412	-0.12	-0.16	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-19-5	12/17/2015	1330	0.00	0.00	0.0	0	0.0	20.9	0.3	0	0.0	0.0	
VMP-19-5	1/20/2016	1123	0.00	0.00	0.0	0	0.0	20.9	0.2	1.6	0.0	1.6	
VMP-19-5	2/18/2016	0920	-0.11	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-19-5	3/22/2016	1135	0.00	-0.11	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-19-5	4/21/2016	0915	-0.11	-0.10	0.0	0	0.2	20.7	0.8	0.0	0.0	0.0	
VMP-19-5	5/18/2016	0910	-0.17	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-19-5	6/21/2016	1120	-0.67	0.00	0.0	0	0.4	20.6	0.4	1.2	0.0	1.2	
VMP-19-5-Dup	6/21/2016	1125	NM	NM	0.0	0	0.4	20.6	0.6	1.7	0.0	1.7	Duplicate sample.
VMP-19-5	7/20/2016	1414	0.00	-0.11	0.0	0	0.5	20.5	0.3	1.5	0.0	1.5	
VMP-19-5	8/24/2016	1010	-0.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Sample not screened, water in tedlar.
VMP-19-5	8/25/2016	1450	-0.46	NM	0.0	0	0.4	20.4	0.2	0.0	0.0	0.0	Resample.
VMP-19-5	9/21/2016	1200	0.00	0.00	0.0	0	0.4	20.5	0.2	0.0	0.0	0.0	
VMP-19-5-Dup	9/21/2016	1200	NM	NM	0.0	0	0.4	20.5	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-19-5	10/20/2016	1144	0.00	0.00	0.0	0	0.2	20.6	0.2	0.0	0.0	0.0	
VMP-19-5	11/16/2016	1118	0.00	0.00	0.0	0	0.2	20.6	0.1	0.0	0.0	0.0	
VMP-19-5	12/21/2016	1300	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-26-10	2/2/2012	1106	-1.36	-1.20	OVR	OVR	8.2	1.5	414	51800	26500	25300	
VMP-26-10	2/7/2012	940	-1.21	-1.01	0.2	5	0.3	20.4	33.3	1636	1351	285	
VMP-26-10	2/10/2012	1136	-0.74	-0.98	0.0	0	0.1	20.6	13.0	52.9	10.7	42.2	
VMP-26-10	2/13/2012	959	-1.03	-0.80	35.1	OVR	7.1	4.2	687	9420	2060	7360	
VMP-26-10	2/15/2012	1324	-1.22	-0.97	53.5	OVR	6.4	6.4	765	11490	1170	10320	
VMP-26-10	2/22/2012	1103	-0.77	-0.71	0.0	0	0.2	20.7	23.6	33.3	12.1	21.2	
VMP-26-10	2/29/2012	1003	-0.72	-0.72	0.9	18	0.9	19.0	229	1340	203	1137	
VMP-26-10	3/21/2012	1005	-0.82	-0.70	0.3	6	0.4	20.2	92.6	376	43.5	333	
VMP-26-10	4/18/2012	942	-1.26	-1.10	0.3	6	0.5	20.1	85.6	415	15.2	400	
VMP-26-10	5/16/2012	1004	-1.30	-1.35	0.1	3	0.4	20.3	51.6	305	11.0	294	
VMP-26-10	6/20/2012	1024	-1.19	-1.22	0.1	2	0.1	20.7	26.4	121	0.0	121	

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Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-26-10	7/18/2012	1038	-1.13	-1.03	0.0	0	0.0	20.8	17.5	52.4	0.0	52.4	
VMP-26-10	8/15/2012	1018	-1.20	-1.20	0.0	1	0.4	20.6	80.0	232	34.9	197	
VMP-26-10	9/19/2012	1108	-1.75	-1.65	0.1	3	0.5	20.3	104	316	41.3	275	
VMP-26-10	10/17/2012	1012	-2.01	-2.04	0.1	3	1.8	18.9	103	259	36.0	223	
VMP-26-10	11/20/2012	1008	-1.78	-1.55	0.0	0	0.1	20.8	9.6	21.4	5.1	16.3	
VMP-26-10	12/19/2012	1128	-0.90	-0.91	0.0	0	0.1	20.9	0.5	3.1	0.0	3.1	
VMP-26-10	1/16/2013	1009	-1.04	-0.81	0.0	0	2.7	17.1	7.3	34.9	2.5	32.4	
VMP-26-10	2/25/2013	1044	-1.15	-1.07	0.0	0	0.0	20.9	0.8	6.3	0.0	6.3	Tedlar results are suspect.
VMP-26-10	2/26/2013	1026	-1.23	-1.30	0.0	0	1.2	19.2	18.4	59.6	3.6	56.0	Resample.
VMP-26-10	3/20/2013	1025	-2.48	-0.58	0.0	0	1.1	19.8	12.0	25.6	7.5	18.1	
VMP-26-10	4/24/2013	1042	-2.59	-2.59	0.0	0	1.3	19.2	21.5	35.7	14.9	20.8	
VMP-26-10	5/22/2013	1100	-2.39	-2.35	0.0	0	0.1	20.9	0.7	3.3	0.0	3.3	
VMP-26-10	6/25/2013	1053	-2.26	-2.14	0.0	0	2.5	17.9	8.5	38.7	6.0	32.7	
VMP-26-10	7/24/2013	1037	-2.02	-2.02	0.2	5	2.4	18.0	32.6	360	10.8	349.2	
VMP-26-10	8/28/2013	0852	-2.78	-2.53	0.0	0	1.2	19.7	4.3	8.0	0.0	8.0	
VMP-26-10	9/25/2013	1100	-4.11	-3.98	0.0	0	0.8	20.0	5.0	7.2	0.0	7.2	
VMP-26-10	10/23/2013	1133	-4.01	-3.88	0.0	0	0.4	20.5	1.4	2.8	0.0	2.8	
VMP-26-10	10/24/2013	1515	-4.01	NM	0.0	0	0.5	20.3	0.8	1.3	0.0	1.3	Resample.
VMP-26-10	11/20/2013	1028	-4.51	-4.04	0.0	0	0.3	20.8	0.7	1.6	0.0	1.6	
VMP-26-10	12/18/2013	1035	-3.89	-3.59	0.0	0	0.5	20.5	0.8	1.1	0.0	1.1	
VMP-26-10	1/29/2014	1452	-3.28	-3.32	0.0	0	0.3	20.7	0.5	6.5	3.1	3.4	
VMP-26-10	2/19/2014	1108	-3.84	-3.99	0.0	0	0.3	20.9	0.8	2.8	0.0	2.8	
VMP-26-10	3/19/2014	1030	-3.95	-4.08	0.0	0	0.2	20.8	0.9	0.8	0.0	0.8	
VMP-26-20	2/1/2012	1616	-0.86	-0.80	21.6	OVR	0.9	19.2	200	41200	27000	14200	
VMP-26-20	2/2/2012	1110	-1.21	-1.02	OVR	OVR	7.9	3.9	69.8	858000	425000	433000	
VMP-26-20	2/7/2012	940	-1.11	-0.90	0.0	0	0.2	20.9	36.7	221	97.9	123	
VMP-26-20	2/10/2012	1137	-0.69	-0.94	0.0	0	0.1	20.6	5.5	13.1	0.0	13.1	
VMP-26-20	2/13/2012	1000	-1.12	-0.85	0.4	9	0.1	20.9	23.6	3220	2812	408	
VMP-26-20	2/15/2012	1325	-1.37	-1.09	OVR	OVR	6.5	2.9	74.9	1000000	989000	11000	
VMP-26-20	2/22/2012	1104	-0.87	-0.79	0.0	0	0.3	20.8	14.3	51.3	3.3	48.0	
VMP-26-20	2/29/2012	1004	-0.88	-0.90	0.2	5	0.1	20.9	90.8	609	4.0	605	
VMP-26-20	3/21/2012	1006	-1.00	-0.82	0.0	0	0.1	20.9	34.3	177	3.4	174	
VMP-26-20	4/18/2012	942	-1.49	-1.31	0.0	0	0.0	20.9	6.0	41.0	3.0	38.0	
VMP-26-20	5/16/2012	1005	-1.73	-1.27	0.0	0	0.0	20.9	1.0	3.6	0.0	3.6	
VMP-26-20	6/20/2012	1025	-0.02	-1.54	0.0	0	0.1	20.9	18.1	101	0.0	101	
VMP-26-20	7/18/2012	1039	-1.57	-1.42	0.0	0	0.0	20.9	6.1	22.8	3.5	19.3	
VMP-26-20	8/15/2012	1019	-1.69	-1.65	0.0	0	0.0	20.9	3.8	18.8	7.4	11.4	
VMP-26-20	9/19/2012	1110	-2.45	-2.45	0.2	4	0.4	20.3	44.4	423	143	280	

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Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-26-20	10/17/2012	1013	-2.54	-2.56	30.9	OVR	9.0	7.3	327	11730	7300	4430	
VMP-26-20	11/20/2012	1012	-2.30	-2.02	0.1	2	0.4	20.6	39.2	193	68.1	125	
VMP-26-20	12/19/2012	1129	-1.22	-1.18	0.0	0	0.0	20.9	1.4	22.2	14.3	7.9	
VMP-26-20	1/16/2013	1014	-1.28	-0.97	14.0	OVR	12.7	1.6	445	7500	2100	5400	
VMP-26-20	2/25/2013	1048	-1.40	-1.28	0.0	0	0.0	20.9	0.9	14.3	7.3	7.0	Tedlar results are suspect.
VMP-26-20	2/26/2013	1030	-1.34	-1.44	3.9	79	12.1	3.1	205	4100	65.2	4035	Resample.
VMP-26-20	3/20/2013	1029	-3.00	-0.70	0.1	2	5.4	12.7	15.5	131	100	31.0	
VMP-26-20	4/24/2013	1052	-3.05	-3.03	25.7	OVR	11.5	1.8	370	10700	6200	4500	
VMP-26-20	5/22/2013	1101	-2.99	-2.92	0.6	12	1.9	17.1	40.0	2100	200	1900	
VMP-26-20	6/25/2013	1100	-2.93	-2.74	35.7	OVR	11.4	2.8	368	8590	4100	4490	
VMP-26-20	7/24/2013	1047	-2.66	-2.66	21.6	OVR	10.9	3.3	265	6800	4200	2600	
VMP-26-20	8/28/2013	0853	-3.62	-3.36	0.0	0	7.4	10.7	6.6	70.0	52.1	17.9	
VMP-26-20	8/29/2013	0850	-3.44	NM	0.0	0	4.2	15.2	6.5	23.5	14.2	9.3	Resample.
VMP-26-20	9/25/2013	1104	-5.07	-4.96	0.1	3	9.6	7.7	58.9	400	105	295	
VMP-26-20	10/23/2013	1137	-4.95	-4.80	0.0	0	6.2	11.7	6.0	31.1	18.9	12.2	
VMP-26-20	10/24/2013	1525	-4.95	NM	0.4	8	9.7	7.4	108	642	205	437	Resample.
VMP-26-20	11/20/2013	1032	-5.32	-5.16	0.0	0	2.6	16.8	3.4	25.6	19.7	5.9	
VMP-26-20	12/18/2013	1039	-4.47	-3.84	0.2	5	9.1	8.7	60	154.5	30.2	124.3	
VMP-26-20	1/29/2014	1459	-3.25	-3.39	8.7	OVR	12.2	3.1	394	5630	1330.0	4300	
VMP-26-20	2/19/2014	1112	-4.68	-4.99	4.3	87	12.5	3.7	247	3840	577.0	3263	
VMP-26-20	3/19/2014	1045	-4.99	-5.11	4.6	92	11.5	4.3	252	3390	630.0	2760	
VMP-26-30	2/1/2012	1617	-0.74	-0.66	OVR	OVR	2.2	14.8	100	235000	127000	108000	
VMP-26-30	2/2/2012	1113	-1.09	-0.89	OVR	OVR	7.2	1.1	53.8	1000000	1000000	0.0	
VMP-26-30	2/7/2012	941	-0.97	-0.76	OVR	OVR	1.1	18.0	87.3	91500	67700	23800	
VMP-26-30	2/10/2012	1138	-0.54	-0.68	0.0	0	0.1	20.9	18.0	57.7	7.7	50.0	
VMP-26-30	2/13/2012	1001	-0.99	-0.68	0.7	15	0.1	20.9	135	1180	127	1054	
VMP-26-30	2/15/2012	1326	-1.25	-0.94	OVR	OVR	4.2	10.3	81.8	714000	389000	325000	
VMP-26-30	2/22/2012	1105	-0.72	-0.67	0.0	0	0.3	20.8	17.7	67.7	0.0	67.7	
VMP-26-30	2/29/2012	1005	-0.85	-0.82	0.4	9	0.1	20.9	120	1033	64.3	969	
VMP-26-30	3/21/2012	1006	-0.95	-0.78	0.4	8	0.1	20.9	75.3	521	72.6	448	
VMP-26-30	4/18/2012	943	-1.40	-1.21	0.0	1	0.1	20.9	8.8	126	54.0	72.0	
VMP-26-30	5/16/2012	1006	-1.63	-1.65	0.0	0	0.0	20.9	18.1	100	46.0	54.0	
VMP-26-30	6/20/2012	1026	-1.35	-1.36	0.0	0	0.0	20.9	2.0	2.2	0.0	2.2	
VMP-26-30	7/18/2012	1040	-1.44	-1.29	0.0	0	0.0	20.9	13.8	54.1	12.3	41.8	
VMP-26-30	8/15/2012	1010	-1.54	-1.49	0.0	0	0.0	20.9	7.2	38.5	12.6	25.9	
VMP-26-30	9/19/2012	1112	-2.20	-2.13	0.0	0	0.0	20.9	13.3	45.6	12.8	32.8	
VMP-26-30	10/17/2012	1014	-2.20	-2.18	OVR	OVR	3.2	15.7	306	36700	13100	23600	
VMP-26-30	11/20/2012	1016	-2.04	-1.74	0.0	0	0.0	20.9	5.6	26.1	4.5	21.6	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-26-30	12/19/2012	1130	-1.08	-1.03	0.0	0	0.0	20.9	5.3	26.9	0.0	26.9	
VMP-26-30	1/16/2013	1019	-1.18	-0.86	OVR	OVR	10.4	3.6	400	56700	19300	37400	
VMP-26-30	2/25/2013	1052	-1.26	-1.14	0.0	1	0.0	20.9	14.9	65.4	5.2	60.2	Tedlar results are suspect.
VMP-26-30	2/26/2013	1034	-1.19	-1.25	OVR	OVR	12.1	1.2	365	69200	28100	41100	Resample.
VMP-26-30	3/20/2013	1033	-2.52	-0.66	OVR	OVR	10.9	0.9	270	191000	69100	121900	
VMP-26-30	4/24/2013	1105	-2.90	-2.86	OVR	OVR	9.2	0.9	290	500000	100000	400000	
VMP-26-30	5/22/2013	1102	-2.73	-2.68	24.1	OVR	1.1	17.1	295	13900	11500	2400	
VMP-26-30	6/25/2013	1111	-2.66	-2.45	OVR	OVR	11.1	0.8	286	76900	23500	53400	
VMP-26-30	7/24/2013	1058	-2.50	-2.31	OVR	OVR	11.4	0.9	400	177000	48800	128200	
VMP-26-30	8/28/2013	0854	-3.30	-3.11	OVR	OVR	13.2	0.8	695	78900	16500	62400	
VMP-26-30	9/25/2013	1108	-4.48	-4.38	OVR	OVR	12.9	1.2	660	110000	16500	93500	
VMP-26-30	10/23/2013	1141	-4.38	-4.19	51.7	OVR	6.8	9.9	766	15100	4000	11100	
VMP-26-30	10/24/2013	1530	-4.38	NM	OVR	OVR	13.4	0.6	704	80000	25400	54600	Resample.
VMP-26-30	11/20/2013	1036	-4.94	-4.74	21.9	OVR	3.4	14.7	569	8900	4100	4800	
VMP-26-30	12/18/2013	1043	-3.80	-3.26	37.4	OVR	6	10.4	815	11000	2120	8880	
VMP-26-30	1/29/2014	1507	-2.88	-2.92	OVR	OVR	12.7	0.5	395	115000	27700.0	87300	
VMP-26-30	2/19/2014	1118	-4.34	-4.59	OVR	OVR	12.6	0.9	292	136000	29200.0	106800	
VMP-26-30	3/19/2014	1041	-4.69	-4.80	OVR	OVR	12.1	4.0	440	112000	20300.0	91700	
VMP-26-38	2/1/2012	1618	-0.46	-0.39	OVR	OVR	1.0	17.3	105	133000	95000	38000	
VMP-26-38	2/2/2012	1124	-0.92	-0.71	OVR	OVR	4.3	3.0	39.8	1000000	1000000	0.0	
VMP-26-38	2/7/2012	941	-0.75	-0.54	17.1	OVR	0.3	20.4	107	32960	24800	8160	
VMP-26-38	2/10/2012	1139	-0.30	-0.59	0.0	0	0.1	20.9	4.5	14.2	3.2	11.0	
VMP-26-38	2/13/2012	1002	-0.81	-0.45	OVR	OVR	2.5	8.5	50.0	1000000	885000	115000	
VMP-26-38	2/15/2012	1327	-1.10	-0.76	OVR	OVR	3.6	2.1	46.6	1000000	1000000	0.0	
VMP-26-38	2/22/2012	1106	-0.50	-0.49	0.0	0	0.3	20.8	21.1	100	9.5	90.5	
VMP-26-38	2/29/2012	1005	-0.77	-0.80	3.4	70	0.1	20.9	271	4230	174	4056	
VMP-26-38	3/21/2012	1007	-0.91	-0.78	0.9	19	0.1	20.9	117	1500	262	1239	
VMP-26-38	4/18/2012	943	-1.27	-1.12	0.0	1	0.0	20.9	8.7	180	131	49.0	
VMP-26-38	5/16/2012	1007	-1.57	-1.63	0.0	0	0.0	20.9	7.0	84.7	58.1	26.6	
VMP-26-38	6/20/2012	1027	-1.23	-1.24	0.1	2	0.0	20.9	31.4	217	82.5	135	
VMP-26-38	7/18/2012	1041	-1.35	-1.22	0.0	0	0.0	20.9	10.6	51.3	26.9	24.4	
VMP-26-38	8/15/2012	1019	-1.40	-1.39	0.0	0	0.0	20.9	3.5	45.1	23.8	21.2	
VMP-26-38	9/19/2012	1114	-1.97	-1.89	1.6	33	0.0	20.9	113	5320	3790	1530	
VMP-26-38	10/17/2012	1015	-1.84	-1.79	OVR	OVR	2.0	14.8	130	320000	120000	200000	
VMP-26-38	11/20/2012	1020	-1.83	-1.51	0.0	0	0.0	20.9	9.0	72.8	27.2	45.7	Tedlar results are suspect.
VMP-26-38	12/19/2012	1131	-0.98	-0.85	OVR	OVR	5.2	8.1	181	770000	222000	548000	Resample.
VMP-26-38	1/16/2013	1024	-1.06	-0.66	OVR	OVR	6.0	9.4	210	180000	67500	112500	
VMP-26-38	2/25/2013	1056	-1.05	-0.92	0.1	2	0.0	20.9	46.7	310	45.5	265	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-26-38	2/26/2013	1038	-0.87	-0.98	OVR	OVR	3.6	15.9	460	47900	8000	39900	
VMP-26-38	3/20/2013	1037	-2.56	-0.60	OVR	OVR	1.5	19.7	697	15700	1700	14000	
VMP-26-38	4/24/2013	1119	-2.73	-2.65	66.4	OVR	1.5	19.5	875	9000	1150	7850	
VMP-26-38	5/22/2013	1103	-2.34	-2.34	0.4	9	0.2	20.8	90.0	800	348	452	
VMP-26-38	6/25/2013	1122	-2.22	-2.08	3.5	72	1.4	19.3	232	4600	3500	1100	
VMP-26-38	7/24/2013	1110	-2.29	-2.15	OVR	OVR	4.1	0.9	73.8	1000000	1000000	0.0	
VMP-26-38	8/28/2013	0855	-2.93	-2.88	OVR	OVR	5.1	17.2	476	59600	15900	43700	
VMP-26-38	9/25/2013	1112	-3.85	-3.75	2.6	53	1.9	19.7	450	3700	1575	2125	
VMP-26-38	10/23/2013	1145	-3.66	-3.45	0.0	0	0.0	20.8	9.0	135	114.2	20.8	
VMP-26-38	10/24/2013	1545	-3.66	NM	0.2	5	0.9	20.1	75.0	760	457	303	Resample.
VMP-26-38	11/20/2013	1040	-4.25	-4.15	0.0	0	0.2	20.9	15.0	101	69.5	31.5	
VMP-26-38	12/18/2013	1047	-2.84	-3.26	0.3	7	0.3	20.6	79.0	701	193.75	507.25	
VMP-26-38	1/29/2014	1516	-2.23	-2.32	62.2	OVR	2.3	18.8	562	14650	520.0	14130	
VMP-26-38	2/19/2014	1126	-4.02	-4.16	28.2	OVR	1.4	19.1	471	17600	827.0	16773	
VMP-26-38	3/19/2014	1052	-4.32	-4.53	0.2	5	0.9	20.7	77.5	270	125.0	220.5	
VMP-27-10	2/1/2012	1555	-0.48	-0.44	OVR	OVR	4.1	7.5	190	75500	50000	25500	
VMP-27-10	2/2/2012	956	-1.10	-0.91	OVR	OVR	6.3	2.5	105	303000	178000	125000	
VMP-27-10	2/7/2012	859	-0.89	-0.62	0.0	0	0.1	20.9	16.5	79.0	8.8	70.3	
VMP-27-10	2/10/2012	1154	-0.30	-0.01	0.7	14	0.2	20.3	20.0	5115	5011	104	
VMP-27-10	2/13/2012	933	-0.75	-0.29	OVR	OVR	6.6	2.4	65.4	251000	251000	0.0	
VMP-27-10	2/15/2012	1241	-0.99	-0.83	OVR	OVR	6.4	2.2	61.3	328000	209000	119000	
VMP-27-10	2/22/2012	1133	-0.38	-0.33	1.8	37	0.7	19.4	39.8	9513	9468	45.0	
VMP-27-10	2/29/2012	1024	-0.72	-0.63	42.3	OVR	2.4	13.5	196	35300	21630	13670	
VMP-27-10	3/21/2012	950	-0.20	-0.72	0.1	3	0.2	20.6	20.5	691	472	219	
VMP-27-10	4/18/2012	917	-1.35	-1.00	0.6	13	0.4	19.7	67.0	1106	334	772	
VMP-27-10	5/16/2012	940	-1.29	-1.28	0.0	0	0.2	20.7	12.7	82.0	17.7	64.3	
VMP-27-10	6/20/2012	1000	-1.01	-0.91	0.0	1	0.2	20.8	9.1	39.4	4.2	35.3	
VMP-27-10	7/18/2012	1012	-0.98	-0.95	0.0	0	0.1	20.5	18.9	83.3	15.6	67.7	
VMP-27-10	8/15/2012	1042	-0.99	-0.98	0.0	0	0.2	20.8	16.7	59.0	13.7	45.3	
VMP-27-10	9/19/2012	1036	-1.25	-1.40	0.2	4	2.5	16.9	82.2	359	85.0	274	
VMP-27-10	10/17/2012	943	-1.36	-1.37	0.0	1	0.5	20.4	6.5	103	49.1	53.9	
VMP-27-10	11/20/2012	1025	-1.32	-1.13	0.0	0	0.2	20.8	2.0	9.5	5.5	4.0	
VMP-27-10	12/19/2012	1103	-0.89	-0.62	0.0	0	1.3	19.1	3.6	61.1	33.8	27.3	
VMP-27-10	1/16/2013	1149	-0.76	-0.61	0.0	1	9.4	6.4	43.9	196	78.5	118	
VMP-27-10	2/25/2013	1028	-0.97	-0.54	0.0	0	0.3	20.5	0.6	7.9	3.7	4.2	Tedlar results are suspect.
VMP-27-10	2/26/2013	941	-0.71	-0.76	0.0	0	0.2	20.8	0.5	6.5	3.1	3.4	Resample.
VMP-27-10	3/20/2013	1005	-1.94	-0.47	0.0	0	3.9	14.9	1.9	37.5	33.8	3.7	
VMP-27-10	4/24/2013	1350	-2.27	-1.98	0.0	0	8.8	5.8	2.2	48.6	45.1	3.5	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-27-10	5/22/2013	1020	-1.37	-1.84	0.0	0	0.0	20.9	0.3	2.2	0.0	2.2	
VMP-27-10	6/25/2013	1020	-1.32	-1.50	0.0	0	0.5	20.4	0.8	21.2	5.6	15.6	
VMP-27-10	7/24/2013	0947	-1.87	-1.76	0.0	0	2.3	17.8	0.5	14.2	13.2	1.0	
VMP-27-10	8/28/2013	0946	-1.96	-1.92	0.0	0	0.0	20.9	0.5	2.5	0.0	2.5	
VMP-27-10	9/25/2013	1004	-3.01	-2.86	0.0	0	5.6	13.6	3.0	6.7	5.4	1.3	
VMP-27-10	10/23/2013	1021	-2.70	-2.63	0.0	0	0.0	20.9	0.4	1.74	0.0	1.74	
VMP-27-10	10/24/2013	1410	-2.70	NM	0.0	0	0.8	19.7	0.4	3.3	0.0	3.3	Resample.
VMP-27-10	11/20/2013	0924	-2.97	-3.00	0.0	0	0.8	20.2	0.5	2.1	0.0	2.1	
VMP-27-10	12/18/2013	0952	-2.46	-1.96	0.0	0	2.8	17.3	1.0	0.9	0.0	0.9	
VMP-27-10	1/29/2014	1549	-1.87	-1.92	0.0	0	2.8	17.7	1.1	4.5	0.0	4.5	
VMP-27-10	2/19/2014	0940	-3.38	-3.21	0.0	0	1.7	19.0	1.4	2.2	0.0	2.2	
VMP-27-10	3/19/2014	0953	-3.32	-3.42	0.0	0	1.8	18.5	1.3	2.2	0.0	2.2	
VMP-27-20	2/1/2012	1556	-0.46	-0.40	OVR	OVR	1.7	17.0	101	83200	67000	16200	
VMP-27-20	2/2/2012	957	-1.16	-0.95	OVR	OVR	7.8	1.6	54.0	1000000	873000	127000	
VMP-27-20	2/7/2012	859	-0.92	-0.63	0.2	4	0.1	20.9	38.4	291	31.2	260	
VMP-27-20	2/10/2012	1155	-0.38	-0.50	0.0	0	0.1	20.7	17.0	204	146	58.1	
VMP-27-20	2/13/2012	934	-0.86	-0.37	OVR	OVR	7.3	2.0	50.3	1000000	1000000	0.0	
VMP-27-20	2/15/2012	1242	-1.13	-0.97	OVR	OVR	6.9	2.4	54.9	1000000	1000000	0.0	
VMP-27-20	2/22/2012	1134	-0.44	-0.38	0.0	0	0.3	20.9	30.9	231	42.8	188	
VMP-27-20	2/29/2012	1025	-0.80	-0.71	OVR	OVR	1.3	17.8	95.8	124000	79400	44600	
VMP-27-20	3/21/2012	950	-0.23	-0.84	0.0	0	0.1	20.9	18.1	122	38.6	83.4	
VMP-27-20	4/18/2012	917	-1.24	-1.17	0.1	3	0.1	20.9	15.8	790	661	129	
VMP-27-20	5/16/2012	941	-1.53	-1.54	0.0	0	0.0	20.9	6.3	11.4	34.8	-23	
VMP-27-20	6/20/2012	1001	-1.20	-1.13	0.0	0	0.0	20.9	9.5	45.8	9.6	36.2	
VMP-27-20	7/18/2012	1013	-1.26	-1.24	0.0	0	0.3	20.6	10.1	112	44.2	67.8	
VMP-27-20	8/15/2012	1043	-1.28	-1.26	0.0	0	0.0	20.9	3.9	22.1	8.2	13.9	
VMP-27-20	9/19/2012	1038	-1.94	-1.83	0.0	0	0.0	20.9	4.5	24.6	6.2	18.4	
VMP-27-20	10/17/2012	944	-1.73	-1.68	0.0	0	0.1	20.9	9.6	81.8	21.6	60.2	
VMP-27-20	11/20/2012	1029	-1.65	-1.42	0.0	0	0.0	20.9	20.0	88.4	14.0	74.4	
VMP-27-20	12/19/2012	1104	-1.13	-0.80	0.0	0	0.0	20.9	7.0	40.3	0.0	40.3	
VMP-27-20	1/16/2013	1154	-0.67	-0.28	OVR	OVR	10.0	1.8	365	80200	29300	50900	
VMP-27-20	2/25/2013	1032	-1.16	-0.89	0.0	0	0.0	20.9	2.3	21.3	4.3	17.0	Tedlar results are suspect.
VMP-27-20	2/26/2013	945	-0.79	-0.83	OVR	OVR	9.0	1.3	290	84900	36200	48700	Resample.
VMP-27-20	3/20/2013	1009	-2.26	-0.58	OVR	OVR	8.1	1.5	315	122000	53400	68600	
VMP-27-20	4/24/2013	1357	-2.55	-2.41	OVR	OVR	8.6	0.8	445	163000	50200	112800	
VMP-27-20	5/22/2013	1021	-2.38	-2.36	2.8	56	0.6	19.4	208	6100	3800	2300	
VMP-27-20	6/25/2013	1028	-2.24	-2.19	OVR	OVR	9.9	0.9	294	124000	42000	82000	
VMP-27-20	7/24/2013	0957	-2.22	-2.21	OVR	OVR	11.0	0.8	435	141000	41900	99100	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-27-20	8/28/2013	0947	-2.56	-2.52	4.8	96	1.1	17.5	270	5500	2200	3300	
VMP-27-20	8/29/2013	0836	-2.64	NM	OVR	OVR	6.0	10.0	620	24400	7800	16600	Resample.
VMP-27-20	9/25/2013	1008	-3.82	-3.65	OVR	OVR	10.8	2.2	660	55800	10200	45600	
VMP-27-20	10/23/2013	1025	-3.64	-3.42	2.1	45	1.1	16.9	407	2700	994	1706	
VMP-27-20	10/24/2013	1410	-3.64	NM	57.2	OVR	6.5	9.3	674	18890	4710	14180	Resample.
VMP-27-20	11/20/2013	0928	-4.17	-3.85	2.4	48	1.0	17.7	375	2620	858	1762	
VMP-27-20	12/18/2013	0956	-2.97	-2.34	OVR	OVR	13.3	0.4	869	39700	8240	31460	
VMP-27-20	12/19/2013	1444	-2.38	NM	OVR	OVR	11.1	0.7	279	400000	71000	329000	Resample.
VMP-27-20	1/29/2014	1556	-2.19	-2.26	OVR	OVR	12.2	0.5	628	50800	10900.0	39900	
VMP-27-20	2/19/2014	0947	-3.99	-3.84	OVR	OVR	12.4	0.7	540	61900	12700.0	49200	
VMP-27-20	3/19/2014	1001	-2.60	-4.12	OVR	OVR	12.3	1.1	758	34600	7200.0	27400	
VMP-27-30	2/1/2012	1557	-0.46	-0.40	0.0	0	0.1	20.9	17.2	137	0.0	137	
VMP-27-30	2/2/2012	958	-1.16	-0.95	OVR	OVR	7.2	2.1	53.1	1000000	1000000	0.0	
VMP-27-30	2/7/2012	900	-0.94	-0.63	OVR	OVR	1.6	16.8	60.0	132000	76060	55940	
VMP-27-30	2/10/2012	1156	-0.39	-0.51	OVR	OVR	0.3	19.7	355	56000	16290	39710	
VMP-27-30	2/13/2012	935	-0.87	-0.38	OVR	OVR	7.1	1.8	45.4	1000000	1000000	0.0	
VMP-27-30	2/15/2012	1243	-1.16	-0.98	OVR	OVR	4.6	8.4	56.8	1000000	532000	468000	
VMP-27-30	2/22/2012	1135	-0.45	-0.40	0.2	4	0.2	20.9	54.4	397	73.0	324	
VMP-27-30	2/29/2012	1026	-0.79	-0.73	OVR	OVR	1.4	17.0	98.5	146000	117000	29000	
VMP-27-30	3/21/2012	950	-0.23	-0.83	0.0	0	0.1	20.2	18.6	119	37.7	81.3	
VMP-27-30	4/18/2012	917	-1.22	-1.16	0.0	0	0.0	20.9	2.2	39.5	18.5	21.0	
VMP-27-30	5/16/2012	942	-1.51	-1.55	0.0	0	0.0	20.9	4.6	31.8	10.5	21.3	
VMP-27-30	6/20/2012	1002	-1.24	-1.13	0.0	0	0.0	20.9	6.0	32.0	8.8	23.2	
VMP-27-30	7/18/2012	1012	-1.26	-1.24	49.7	OVR	0.8	18.2	77.3	84100	28300	55800	
VMP-27-30	8/15/2012	1044	-1.28	-1.26	0.0	0	0.0	20.9	5.1	31.8	9.9	21.9	
VMP-27-30	9/19/2012	1040	-1.96	-1.82	0.0	0	0.0	20.9	5.3	22.2	6.1	16.0	
VMP-27-30	10/17/2012	945	-1.75	-1.69	0.0	0	0.0	20.9	10.0	86.1	10.6	75.5	
VMP-27-30	11/20/2012	1033	-1.63	-1.42	0.0	0	0.0	20.9	4.6	22.4	4.8	17.6	
VMP-27-30	12/19/2012	1105	-1.11	-0.80	0.0	0	0.0	20.9	10.0	65.2	2.5	62.8	
VMP-27-30	1/16/2013	1159	-0.65	-0.59	OVR	OVR	7.7	4.9	155	355000	154000	201000	
VMP-27-30	2/25/2013	1036	-1.16	-0.90	0.0	0	0.0	20.9	6.0	53.3	7.7	45.6	Tedlar results are suspect.
VMP-27-30	2/26/2013	949	-0.79	-0.83	OVR	OVR	8.8	0.9	174	282000	125000	157000	Resample.
VMP-27-30	3/20/2013	1013	-2.62	-0.57	OVR	OVR	7.3	0.6	107	1000000	520000	480000	
VMP-27-30	4/24/2013	1406	-2.51	-2.41	OVR	OVR	7.9	1.0	240	1000000	173000	827000	
VMP-27-30	5/22/2013	1022	-2.37	-2.35	OVR	OVR	7.9	2.5	209	900000	210000	690000	
VMP-27-30	6/25/2013	1035	-2.22	-2.19	OVR	OVR	9.8	0.7	217	611000	79200	531800	
VMP-27-30	7/24/2013	1009	-2.30	-2.21	OVR	OVR	9.2	0.9	263	1000000	151000	849000	
VMP-27-30	8/28/2013	0948	-2.56	-2.53	19.7	OVR	0.6	19.1	201	20000	12800	7200	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-27-30	8/29/2013	0837	-2.64	NM	18.1	OVR	0.6	19.7	272	11900	6900	5000	Resample.
VMP-27-30	9/25/2013	1012	-3.83	-3.66	OVR	OVR	9.9	0.7	285	1000000	220000	780000	
VMP-27-30	10/23/2013	1029	-3.66	-3.42	36.7	OVR	0.8	18.0	431	22200	12000	10200	
VMP-27-30	10/24/2013	1420	-3.66	NM	OVR	OVR	3.5	13.3	354	106000	40800	65200	Resample.
VMP-27-30	11/20/2013	0932	-4.22	-3.87	78.3	OVR	1.3	16.8	404	72000	15000	57000	
VMP-27-30	12/18/2013	1000	-3.00	-2.35	OVR	OVR	11.6	0.5	365	221000	58000	163000	
VMP-27-30	1/29/2014	1604	-2.21	-2.27	OVR	OVR	8.9	3.3	331	112000	31550.0	80450	
VMP-27-30	2/19/2014	0954	-3.93	-3.87	OVR	OVR	13.4	0.8	381	68520	21950.0	46570	
VMP-27-30	3/19/2014	1010	-4.06	-4.18	OVR	OVR	13.9	3.3	629	41800	10800.0	31000	
VMP-27-38	2/1/2012	1558	-0.30	-0.28	80.0	OVR	0.6	19.3	95.3	105000	73200	31800	
VMP-27-38	2/2/2012	959	-1.11	-0.89	OVR	OVR	4.9	1.4	37.3	1000000	1000000	0.0	
VMP-27-38	2/7/2012	900	-0.85	-0.55	OVR	OVR	2.0	13.0	47.6	611000	567000	44000	
VMP-27-38	2/10/2012	1157	-0.27	-0.38	0.0	0	0.1	20.9	6.5	27.6	7.7	19.9	
VMP-27-38	2/13/2012	936	-0.49	-0.24	0.4	8	0.1	20.9	87.3	823	242	581	
VMP-27-38	2/15/2012	1244	-1.40	-0.91	OVR	OVR	4.3	2.1	38.5	1000000	1000000	0.0	
VMP-27-38	2/22/2012	1136	-0.31	-0.25	OVR	OVR	3.1	8.3	53.7	1000000	875000	125000	
VMP-27-38	2/29/2012	1027	-0.79	-0.70	38.9	OVR	0.4	19.7	63.8	53550	39200	14350	
VMP-27-38	3/21/2012	951	-0.24	-0.86	0.0	0	0.1	20.9	5.0	33.9	5.2	28.7	
VMP-27-38	4/18/2012	917	-1.23	-1.14	0.0	0	0.0	20.9	0.5	4.8	0.0	4.8	
VMP-27-38	5/16/2012	943	-1.54	-1.45	0.0	0	0.0	20.9	0.5	1.3	0.0	1.3	
VMP-27-38	6/20/2012	1003	-1.24	-1.13	0.0	0	0.0	20.9	1.0	6.0	3.1	2.9	
VMP-27-38	7/18/2012	1016	-1.23	-0.62	0.0	0	0.0	20.9	0.8	28.0	10.7	17.3	
VMP-27-38	8/15/2012	1045	-1.30	-1.28	0.0	0	0.0	20.9	0.9	7.9	6.1	1.8	
VMP-27-38	9/19/2012	1042	-1.95	-1.82	0.0	0	0.0	20.9	3.8	56.5	39.0	17.5	
VMP-27-38	10/17/2012	946	-1.71	-1.61	0.0	0	0.0	20.9	11.5	158	60.5	97.5	
VMP-27-38	11/20/2012	1037	-1.64	-1.40	0.0	0	0.0	20.9	1.8	20.4	10.6	9.8	
VMP-27-38	12/19/2012	1106	-1.11	0.77	0.0	0	0.0	20.9	50.5	320	13.1	307	
VMP-27-38	1/16/2013	1204	-0.57	-0.49	OVR	OVR	10.0	1.9	252	218000	72200	145800	
VMP-27-38	2/25/2013	1040	-1.07	-0.80	0.0	0	0.0	20.9	1.6	15.3	3.3	12.0	Tedlar results are suspect.
VMP-27-38	2/26/2013	953	-0.60	-0.65	OVR	OVR	11.2	2.9	239	74700	42300	32400	Resample.
VMP-27-38	3/20/2013	1017	-2.56	-0.55	9.4	OVR	4.7	14.2	430	3900	1200	2700	Tedlar results are suspect.
VMP-27-38	4/24/2013	1416	-2.43	-2.30	2.8	57	2.7	17.8	431	2000	715	1285	
VMP-27-38	5/22/2013	1023	-2.18	-2.18	0.3	6	2.2	18.7	41.0	1100	383	717	
VMP-27-38	6/25/2013	1043	-2.02	-2.03	0.8	16	2.1	19.0	205	990	190	800	
VMP-27-38	7/24/2013	1023	-2.29	-2.23	OVR	OVR	7.5	0.8	101	1000000	1000000	0.0	
VMP-27-38	8/28/2013	0949	-2.50	-2.48	5.7	OVR	1.2	19.2	51.42	9700	5900	3800	
VMP-27-38	9/25/2013	1016	-3.62	-3.51	0.4	9	1.0	20.1	72.8	600	79.1	520.9	
VMP-27-38	10/23/2013	1033	-3.42	-3.18	0.0	0	0.2	20.9	3.0	15.4	6.97	8.4	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-27-38	10/24/2013	1430	-3.42	NM	0.0	0	0.2	20.8	7.0	33.8	5.1	28.7	Resample.
VMP-27-38	11/20/2013	0936	-3.89	-3.67	0.0	0	0.1	20.9	2.2	8.9	4.6	4.2	
VMP-27-38	12/19/2013	1004	-2.60	-1.97	0.0	0	1.4	20.0	50	141	15.0	126	
VMP-27-38	1/29/2014	1613	-1.86	-1.98	0.2	4	1.3	19.3	71.9	303	18.9	284.1	
VMP-27-38	2/19/2014	1002	-3.74	-3.65	0.0	0	1.0	20.6	33.4	35.6	3.1	32.5	
VMP-27-38	3/19/2014	1023	-3.98	-4.15	0.0	0	0.3	20.9	23.9	30.2	0.0	30.2	
VMP-28-10	2/1/2012	1632	-1.20	-1.17	OVR	OVR	8.4	4.7	216	150000	85700	64300	
VMP-28-10	2/2/2012	1035	-1.44	-1.23	OVR	OVR	9.6	0.9	196	239000	132000	107000	
VMP-28-10	2/7/2012	1010	-1.01	-1.15	0.1	3	0.2	20.8	41.5	287	72.6	214	
VMP-28-10	2/10/2012	1108	-0.04	-0.79	0.5	11	0.2	20.6	105	1566	862	704	
VMP-28-10	2/13/2012	1024	0.75	-0.67	OVR	OVR	8.1	1.5	253	128000	60200	67800	
VMP-28-10	2/15/2012	1349	-0.91	-0.75	OVR	OVR	6.1	5.7	266	87200	53820	33380	
VMP-28-10	2/22/2012	1119	-0.58	-0.62	1.3	27	0.6	20.0	128	3998	2430	1568	
VMP-28-10	2/29/2012	1050	-0.99	-0.76	7.3	OVR	0.6	19.5	434	9343	3540	5803	
VMP-28-10	3/21/2012	1029	-0.60	-0.52	45.5	OVR	1.9	15.1	395	35300	9510	25790	
VMP-28-10	4/18/2012	1009	-1.08	-1.01	0.8	17	0.3	20.2	141	1781	750	1031	
VMP-28-10	5/16/2012	1011	-1.32	-1.33	0.2	5	0.2	20.5	69.3	6200	231	5969	
VMP-28-10	6/20/2012	1056	-1.09	-1.35	10.3	OVR	1.4	18.1	397	7000	825	6175	
VMP-28-10	7/18/2012	1053	-0.88	-0.78	0.6	12	0.2	20.4	150	1000	32.5	968	
VMP-28-10	8/15/2012	1106	-0.93	-0.92	2.2	46	0.6	20.0	354	7040	1130	5910	
VMP-28-10	9/19/2012	1010	-1.72	-1.69	OVR	OVR	6.1	10.7	776	14200	1080	13120	
VMP-28-10	10/17/2012	1030	-2.11	-2.07	27.3	OVR	3.8	15.0	882	18700	350	18350	
VMP-28-10	11/20/2012	1055	-1.60	-1.59	0.3	6	0.3	20.7	211	600	63.8	536	
VMP-28-10	12/19/2012	1150	-0.82	-0.64	17.5	OVR	5.0	14.9	868	4600	480	4120	
VMP-28-10	1/16/2013	1211	-0.70	-0.77	19.0	OVR	13.2	1.5	828	7500	1350	6150	
VMP-28-10	2/25/2013	1103	-0.88	-0.80	0.4	9	1.0	19.5	90.4	635	90.4	545	Tedlar results are suspect.
VMP-28-10	2/26/2013	1104	-0.99	-0.92	32.8	OVR	12.0	2.8	800	10400	2600	7800	Resample.
VMP-28-10	3/20/2013	1050	-2.06	-0.46	37.9	OVR	9.8	6.5	1105	4900	680	4220	
VMP-28-10	4/24/2013	1432	-2.02	-1.94	14.6	OVR	10.9	6.4	970	4800	245	4555	
VMP-28-10	5/22/2013	1130	-1.95	-1.80	4.6	94	0.7	19.4	100	10100	8100	2000	
VMP-28-10	6/25/2013	1133	-1.87	-1.53	1.6	33	4.3	14.9	315	1720	290	1430	
VMP-28-10	7/24/2013	1120	-1.60	-1.49	42.9	OVR	16.2	1.0	1330	16500	9500	7000	
VMP-28-10	8/28/2013	0922	-2.14	-2.03	7.5	OVR	5.9	12.5	980	3800	470	3330	
VMP-28-10	9/25/2013	1030	-3.19	-3.01	51.9	OVR	14.8	1.2	1370	12200	660	11540	
VMP-28-10	10/23/2013	1059	-3.20	-3.03	3.3	66	9.2	7.7	850	1630	223	1407	
VMP-28-10	10/24/2013	1445	-3.20	NM	3.1	62	8.5	9.1	820	1340	204	1136	Resample.
VMP-28-10	11/20/2013	0955	-3.92	-3.25	0.7	15	4.3	15.4	300	880	880	0.0	
VMP-28-10	12/18/2013	1116	-3.74	-3.84	0.6	13	4.9	14.8	270	706	50.0	656	

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Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-28-10	1/29/2014	1416	-2.87	-2.78	0.3	6	6.7	11.7	156	355	72.9	282.1	
VMP-28-10	2/19/2014	1029	-3.17	-2.76	0.0	0	4.2	15.7	92.5	207	11.4	195.6	
VMP-28-10	3/19/2014	1003	-3.26	NM	0.0	0	4.2	16.6	105	237	13.7	223.3	
VMP-28-20	2/1/2012	1633	-0.60	-0.52	OVR	OVR	7.7	1.5	145	1000000	195000	805000	
VMP-28-20	2/2/2012	1040	-1.09	-0.83	OVR	OVR	7.9	1.0	133	1000000	342000	658000	
VMP-28-20	2/7/2012	1010	-0.67	-0.73	0.3	6	0.1	20.9	55.2	475	62.3	413	
VMP-28-20	2/10/2012	1109	-0.06	-0.69	0.9	19	0.1	20.7	164	1425	102	1323	
VMP-28-20	2/13/2012	1025	-0.68	-0.53	OVR	OVR	7.1	3.5	148	1000000	213000	787000	
VMP-28-20	2/15/2012	1350	-0.81	-0.84	OVR	OVR	4.2	12.7	377	52900	25780	27120	
VMP-28-20	2/22/2012	1120	-0.62	-0.59	0.1	2	0.2	20.9	39.7	248	27.2	221	
VMP-28-20	2/29/2012	1051	-0.90	-0.60	4.8	97	0.1	20.9	501	5056	130	4926	
VMP-28-20	3/21/2012	1030	-0.81	-0.70	0.0	0	0.1	20.9	49.4	243	26.2	217	
VMP-28-20	4/18/2012	1009	-1.25	-1.13	0.2	5	0.1	20.9	60.0	490	150	340	
VMP-28-20	5/16/2012	1011	-1.62	-1.61	0.0	0	0.0	20.9	15.1	61.8	1.7	60.1	
VMP-28-20	6/20/2012	1100	-1.31	-1.35	7.2	OVR	0.5	19.9	354	6020	864	5156	
VMP-28-20	7/18/2012	1054	-1.35	-1.20	0.0	0	0.0	20.9	48.2	115	0.0	115	
VMP-28-20	8/15/2012	1107	-1.40	-1.35	0.1	2	0.0	20.9	39.5	177	38.1	139	
VMP-28-20	9/19/2012	1011	-2.28	-2.22	40.0	OVR	2.9	16.5	742	10700	1100	9600	
VMP-28-20	10/17/2012	1031	-2.15	-2.08	5.5	OVR	0.6	20.2	295	6200	2200	4000	
VMP-28-20	11/20/2012	1059	-1.80	-1.74	0.2	4	0.0	20.9	118	422	28.9	393	
VMP-28-20	12/19/2012	1151	-1.09	-0.80	79.4	OVR	11.4	5.4	850	16200	4300	11900	
VMP-28-20	1/16/2013	1216	-0.86	-0.63	64.5	OVR	13.0	2.6	490	24900	11100	13800	
VMP-28-20	2/25/2013	1107	-1.13	-1.01	0.0	1	0.0	20.9	55.9	200	7.7	192	Tedlar results are suspect.
VMP-28-20	2/26/2013	1108	-1.13	-1.07	OVR	OVR	12.7	0.8	173	178000	120000	58000	Resample.
VMP-28-20	3/20/2013	1054	-2.60	-0.60	23.8	OVR	12.0	5.8	695	4400	865	3535	
VMP-28-20	4/24/2013	1440	-2.30	-2.31	OVR	OVR	13.7	2.4	800	49700	1000	48700	
VMP-28-20	5/22/2013	1131	-2.15	-1.95	OVR	OVR	3.0	17.5	480	93000	2600	90400	
VMP-28-20	6/25/2013	1138	-1.66	-1.26	OVR	OVR	8.1	9.6	416	17400	2000	15400	
VMP-28-20	7/24/2013	1129	-1.77	-1.21	OVR	OVR	9.9	8.9	489	37500	850	36650	
VMP-28-20	8/28/2013	0923	-0.07	0.00	OVR	OVR	11.6	2.3	440	1000000	7400	992600	
VMP-28-20	8/29/2013	0855	0.11	NM	OVR	OVR	12.5	1.0	490	1000000	11700	988300	Resample.
VMP-28-20	9/25/2013	1034	-5.32	-3.51	OVR	OVR	14.2	1.0	370	590000	4200	585800	
VMP-28-20	10/23/2013	1103	-3.76	-3.56	3.0	61	3.2	16.9	650	2400	520	1880	
VMP-28-20	10/24/2013	1450	-3.76	NM	2.4	48	2.4	17.3	560	2540	594	1946	Resample.
VMP-28-20	11/20/2013	0959	-4.58	-3.80	3.6	72	0.8	20.3	294	3160	617	2543	
VMP-28-20	12/18/2013	1120	-4.25	-4.41	1.0	21	1.3	18.5	134	1650	723	927	
VMP-28-20	1/29/2014	1424	-3.33	-3.23	5.0	OVR	4.9	14.0	312	3190	155.0	3035	
VMP-28-20	2/19/2014	1034	-3.60	-3.31	20.7	OVR	7.4	8.6	509	6590	245.0	6345	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-28-20	3/19/2014	1005	-3.86	NM	21.3	OVR	12.3	6.1	464	8770	1550.0	7220	
VMP-28-30	2/1/2012	1634	-0.43	-0.28	OVR	OVR	7.9	1.6	151	1000000	170000	830000	
VMP-28-30	2/2/2012	1045	-0.94	-0.68	OVR	OVR	6.4	6.1	143	1000000	170000	830000	
VMP-28-30	2/7/2012	1011	-0.53	-0.56	0.0	0	0.1	20.9	17.4	78.0	6.5	71.6	
VMP-28-30	2/10/2012	1110	-0.05	-0.63	0.0	0	0.1	20.7	16.5	56.6	3.9	52.7	
VMP-28-30	2/13/2012	1026	-0.62	-0.46	OVR	OVR	6.4	5.5	148	1000000	196000	804000	
VMP-28-30	2/15/2012	1351	-1.05	-0.84	0.6	13	0.2	20.9	127	1035	26.6	1008	
VMP-28-30	2/22/2012	1121	-0.60	-0.55	0.0	0	0.2	20.9	26.7	132	24.1	108	
VMP-28-30	2/29/2012	1052	0.83	-0.52	38.5	OVR	0.6	19.6	281	60700	24280	36420	
VMP-28-30	3/21/2012	1030	-0.84	-0.74	0.0	0	0.1	20.9	35.7	170	30.8	139	
VMP-28-30	4/18/2012	1009	-1.27	-1.16	0.0	0	0.0	20.9	20.0	115	42.0	73.0	
VMP-28-30	5/16/2012	1011	-1.69	-1.69	0.0	0	0.0	20.9	13.1	60.0	NM	NM	Sample depleted before methane screened.
VMP-28-30	6/20/2012	1104	-1.34	-1.36	0.2	4	0.0	20.8	36.4	764	465	299	
VMP-28-30	7/18/2012	1055	-1.46	-1.34	0.0	0	0.0	20.9	27.7	92.9	27.6	65.3	
VMP-28-30	8/15/2012	1107	-1.50	-1.45	0.0	0	0.0	20.9	26.0	125	41.8	83.2	
VMP-28-30	9/19/2012	1012	-1.79	-2.33	0.0	0	0.0	20.9	21.0	96.1	26.4	69.7	
VMP-28-30	10/17/2012	1032	-2.07	-2.00	0.1	2	0.0	20.9	25.5	124	21.6	102	
VMP-28-30	11/20/2012	1103	-1.78	-1.72	0.0	0	0.0	20.9	5.9	27.3	6.3	21.0	
VMP-28-30	12/19/2012	1153	-1.12	-1.13	OVR	OVR	9.1	6.2	325	150000	70300	79700	
VMP-28-30	1/16/2013	1221	-0.83	-0.74	OVR	OVR	8.9	6.6	225	138000	68800	69200	
VMP-28-30	2/25/2013	1111	-1.16	-1.05	0.0	0	0.0	20.9	9.6	75.9	23.6	52.3	Tedlar results are suspect.
VMP-28-30	2/26/2013	1112	-1.13	-1.09	OVR	OVR	9.5	1.5	120	585000	230000	355000	Resample.
VMP-28-30	3/20/2013	1058	-2.79	-0.65	OVR	OVR	12.0	2.5	112	329000	168000	161000	
VMP-28-30	4/24/2013	1448	-2.69	-2.66	OVR	OVR	13.5	1.0	139	497000	251000	246000	
VMP-28-30	5/22/2013	1132	-2.66	-2.52	17.6	OVR	1.4	17.9	46.0	36000	31500	4500	
VMP-28-30	6/25/2013	1143	-2.48	-2.23	OVR	OVR	8.1	7.1	101	169000	94900	74100	
VMP-28-30	7/24/2013	1141	-2.40	-2.35	10.0	OVR	10.3	7.7	82.7	32700	31000	1700	
VMP-28-30	8/28/2013	0924	-3.36	-3.23	0.2	4	0.4	20.5	19.84	152	67.4	84.6	
VMP-28-30	8/29/2013	0856	-3.25	NM	0.0	1	1.7	17.8	43.7	460	270	190	Resample.
VMP-28-30	9/25/2013	1038	-4.68	-4.49	35.9	OVR	13.9	0.7	330	37400	20000	17400	
VMP-28-30	10/23/2013	1107	-4.38	-4.20	0.0	0	0.6	19.3	11.0	415	305	110	
VMP-28-30	10/24/2013	1500	-4.38	NM	0.0	0	0.5	19.7	2.0	27.8	23.5	4.3	Resample.
VMP-28-30	11/20/2013	1003	-5.30	-5.17	0.2	4	0.8	19.2	13.0	764	620	144	
VMP-28-30	12/18/2013	1124	-3.32	-3.01	0.0	0	1.4	18.1	2.1	17.0	7.7	9.3	
VMP-28-30	1/29/2014	1435	-2.78	-2.83	7.1	OVR	13.9	0.7	111	14940	11100.0	3840	
VMP-28-30	2/19/2014	1042	-4.19	-4.17	2.0	40	15.2	0.8	108	2400	550.0	1850	
VMP-28-30	3/19/2014	1006	-4.94	NM	83.2	OVR	14.3	1.0	160	60900	39600.0	21300	
VMP-28-40	2/1/2012	1635	-0.42	-0.27	OVR	OVR	7.1	4.1	155	1000000	240000	760000	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-28-40	2/2/2012	1049	-0.92	-0.66	OVR	OVR	8.0	1.6	144	846000	223000	623000	
VMP-28-40	2/7/2012	1011	-0.49	-0.57	0.0	0	0.1	20.9	29.2	90.8	7.0	83.8	
VMP-28-40	2/10/2012	1111	-0.12	-0.62	0.0	0	0.1	20.7	25.0	62.9	3.1	59.8	
VMP-28-40	2/13/2012	1027	-0.78	-0.44	OVR	OVR	1.8	14.5	135	76800	49900	26900	
VMP-28-40	2/15/2012	1352	-1.03	-0.84	1.7	35	0.3	20.2	44.3	9789	9090	699	
VMP-28-40	2/22/2012	1122	-0.58	-0.53	0.0	0	0.2	20.9	0.8	15.4	3.0	12.5	
VMP-28-40	2/29/2012	1053	-0.09	-0.52	3.2	64	0.1	20.9	389	5162	1170	3992	
VMP-28-40	3/21/2012	1030	-0.83	-0.72	0.0	0	0.1	20.9	39.3	125	29.0	96.1	
VMP-28-40	4/18/2012	1010	-1.25	-1.13	0.0	0	0.0	20.9	11.2	45.0	17.5	27.5	
VMP-28-40	5/16/2012	1013	-1.68	-1.69	0.0	0	0.0	20.9	10.0	27.0	7.6	19.4	
VMP-28-40	6/20/2012	1108	-1.33	-1.36	0.0	0	0.0	20.9	10.0	41.0	15.3	25.7	
VMP-28-40	7/18/2012	1056	-1.44	-1.34	3.4	70	0.2	20.4	101	8950	6660	2290	
VMP-28-40	8/15/2012	1108	-1.48	-1.44	0.0	0	0.0	20.9	6.6	39.1	26.1	13.0	
VMP-28-40	9/19/2012	1013	-2.40	-2.31	0.1	2	0.0	20.7	32.3	769	583	186	
VMP-28-40	10/17/2012	1033	-1.88	-2.00	1.4	29	0.2	20.8	122	3000	1620	1380	
VMP-28-40	11/20/2012	1107	-1.70	-1.64	0.0	0	0.0	20.9	0.5	6.7	3.7	3.0	
VMP-28-40	12/19/2012	1154	-1.19	-0.79	0.0	0	0.0	20.9	10.5	83.0	17.2	65.8	
VMP-28-40	1/16/2013	1226	-0.82	-0.74	OVR	OVR	7.8	6.6	215	152000	76100	75900	
VMP-28-40	2/25/2013	1115	-1.16	-1.05	0.0	0	0.0	20.9	7.4	59.2	16.0	43.2	Tedlar results are suspect.
VMP-28-40	2/26/2013	1116	-1.12	-1.08	OVR	OVR	9.1	1.6	107	730000	266000	464000	Resample.
VMP-28-40	3/20/2013	1102	-2.79	-0.65	10.2	OVR	1.5	18.9	74.8	18700	15500	3200	Tedlar results are suspect.
VMP-28-40	4/24/2013	1458	-2.67	-2.63	OVR	OVR	11.7	0.9	170	770000	395000	375000	
VMP-28-40	5/22/2013	1133	-2.64	-2.52	OVR	OVR	7.5	6.2	104	945000	441000	504000	
VMP-28-40	6/25/2013	1148	-2.49	-2.25	OVR	OVR	7.4	7.3	68.7	172000	94000	78000	
VMP-28-40	7/24/2013	1154	-2.32	-2.34	23.2	OVR	13.6	2.5	64.2	65000	60300	4700	
VMP-28-40	8/28/2013	0925	-3.36	-3.20	0.0	0	0.1	20.8	13.7	200	133	67.0	
VMP-28-40	8/29/2013	0857	-3.23	NM	2.9	59	2.0	18.5	71.2	9300	6400	2900	Resample.
VMP-28-40	9/25/2013	1042	-0.07	-4.47	OVR	OVR	11.2	0.7	260	930000	196000	734000	
VMP-28-40	10/23/2013	1111	-4.38	-4.21	0.9	18	0.5	19.2	128	2350	1530	820	
VMP-28-40	10/24/2013	1508	-4.38	NM	0.3	7	0.3	20.0	56.0	829	548	281	Resample.
VMP-28-40	11/20/2013	1007	-5.28	-5.16	0.7	14	0.4	19.2	60.0	2900	2300	600	
VMP-28-40	12/18/2013	1128	-3.31	-3.02	1.0	21	0.8	17.2	82.0	3730	2640	1090	
VMP-28-40	1/29/2014	1443	-2.79	-2.82	OVR	OVR	13.6	0.5	167	108000	68100.0	39900	
VMP-28-40	2/19/2014	1049	-4.10	-4.67	OVR	OVR	13.2	0.9	191	107000	72400.0	34600	
VMP-28-40	3/19/2014	1007	-4.96	NM	OVR	OVR	11.7	4.9	163	317000	145000.0	172000	
VMP-29-10	12/5/2012	1632	-0.06	-0.09	0.0	0	1.3	19.3	1.2	2.9	0.0	2.9	
VMP-29-10	12/6/2012	1353	-0.03	-0.06	0.0	0	1.6	18.8	0.5	1.8	0.0	1.8	
VMP-29-10	12/13/2012	1321	-0.01	-0.01	0.0	0	3.2	17.3	0.6	0.7	0.0	0.7	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-29-10	12/19/2012	1400	-0.01	-0.06	0.0	0	2.6	17.9	0.6	1.4	0.0	1.4	
VMP-29-10	1/16/2013	1003	-0.02	-0.06	0.0	0	0.7	20.2	0.2	2.9	0.0	2.9	
VMP-29-10	2/25/2013	1250	-0.08	0.05	0.0	0	0.6	20.4	1.6	3.3	0.0	3.3	
VMP-29-10	3/20/2013	1420	-0.03	-0.09	0.0	0	0.8	20.2	1.4	3.0	0.0	3.0	
VMP-29-10	4/25/2013	1402	-0.15	-0.08	0.0	0	0.6	20.5	2.2	4.3	0.0	4.3	
VMP-29-10	5/22/2013	1420	-0.25	-0.27	0.0	0	0.6	20.1	6.2	9.9	0.0	9.9	
VMP-29-10	6/25/2013	1346	-0.21	-0.16	0.0	0	0.5	20.4	8.3	11.4	1.2	10.2	
VMP-29-10	7/24/2013	1341	-0.32	-0.37	0.0	0	0.5	20.5	5.7	7.6	0.0	7.6	
VMP-29-10	8/28/2013	1415	-0.22	-0.26	0.0	0	0.3	20.7	6.6	7.8	0.0	7.8	
VMP-29-10	9/25/2013	1335	-0.34	-0.32	0.0	0	0.2	20.7	4.7	4.1	0.0	4.1	
VMP-29-10	10/23/2013	1407	-0.47	-0.46	0.0	0	0.0	20.9	0.8	1.4	0.0	1.4	
VMP-29-10	11/20/2013	1245	-0.34	-0.41	0.0	0	0.1	20.9	0.7	1.1	0.0	1.1	
VMP-29-10	12/18/2013	1458	-0.42	-0.42	0.0	0	0.1	20.9	7.6	7.2	0.7	6.6	
VMP-29-10	1/29/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well tubing frozen into ice inside vault. Could not sample.
VMP-29-10	2/19/2014	1527	-0.22	-0.25	0.0	0	0.1	20.9	1.4	1.24	0.0	1.24	
VMP-29-10	3/19/2014	1358	-0.23	-0.20	0.0	0	0.1	20.9	1.2	1.87	0.0	1.87	
VMP-29-10	4/23/2014	1303	-0.43	-0.39	0.0	0	0.1	20.9	3.6	3.64	0.0	3.64	
VMP-29-10	5/21/2014	1422	-0.43	-0.43	0.0	0	0.1	20.9	1.9	2.13	0.0	2.13	
VMP-29-10	6/18/2014	0846	-0.48	-0.50	0.0	0	0.3	20.3	2.5	3.76	0.0	3.76	
VMP-29-10	7/24/2014	1102	-0.44	-0.39	0.0	0	0.4	20.7	2.6	2.12	0.0	2.12	
VMP-29-10	8/21/2014	1330	.0.50	-0.41	0.0	0	0.3	20.5	4.0	3.74	0.0	3.74	
VMP-29-10	9/17/2014	1042	-0.45	-0.50	0.0	0	0.1	20.8	1.3	2.86	0.0	2.86	
VMP-29-10	10/22/2014	0953	-0.56	-0.52	0.0	0	0.2	20.8	1.2	1.78	0.0	1.78	
VMP-29-10	11/19/2014	1319	-0.46	-0.44	0.0	0	0.1	20.9	1.3	1.48	0.0	1.48	
VMP-29-10	12/17/2014	1033	-0.50	-0.48	0.0	0	0.1	20.9	1.4	1.91	0.0	1.91	
VMP-29-10	1/28/2015	1054	-0.45	-0.44	0.0	0	0.1	20.9	4.9	5.2	0.8	4.4	
VMP-29-10	2/25/2015	1418	-0.40	-0.58	0.0	0	0.1	20.9	1.3	0.9	0.0	0.9	
VMP-29-10	3/25/2015	1407	-0.42	-0.65	0.0	0	0.1	20.8	1.0	1.7	0.0	1.7	
VMP-29-10	4/22/2015	1034	-0.63	-0.48	0.0	0	0.1	20.9	0.9	0.8	0.0	0.8	
VMP-29-10	5/20/2015	1035	-0.49	-0.55	0.0	0	0.0	20.9	0.8	1.7	0.0	1.7	
VMP-29-10	6/17/2015	0916	-0.39	-0.41	0.0	0	0.1	20.8	1.0	1.5	0.0	1.5	
VMP-29-10	7/22/2015	0900	-0.31	-0.34	0.0	0	0.5	20.5	1.2	0.0	0.0	0.0	
VMP-29-10	8/19/2015	1050	-0.26	-0.45	0.0	0	0.4	20.6	4.0	0.6	0.0	0.6	
VMP-29-10	9/16/2015	1005	-0.27	-0.26	0.0	0	0.3	20.7	1.6	0.0	0.0	0.0	
VMP-29-10	10/21/2015	1044	-0.28	-0.22	0.0	0	0.1	20.8	0.5	0	0.0	0.0	
VMP-29-10	11/23/2015	1012	-0.36	-0.31	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-29-10	12/16/2015	1047	-0.17	-0.25	0.0	0	0.0	20.9	0.2	0	0.0	0.0	
VMP-29-10	1/22/2016	1007	-0.22	-0.24	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-29-10	2/17/2016	1103	-0.19	-0.20	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-29-10	3/22/2016	0950	0.00	-0.12	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-29-10	4/20/2016	0939	0.00	0.00	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-29-10	5/19/2016	1110	-0.18	-0.18	0.0	0	0.3	20.6	0.5	0.0	0.0	0.0	
VMP-29-10	6/21/2016	0925	-0.21	-0.27	0.0	0	0.3	20.5	5.1	6.3	0.0	6.3	
VMP-29-10	7/20/2016	1143	0.00	0.00	0.0	0	0.5	20.3	0.5	0.0	0.0	0.0	
VMP-29-10	8/24/2016	1430	0.00	-0.18	0.0	0	0.2	20.7	1.5	1.1	0.0	1.1	
VMP-29-10	9/21/2016	1013	0.00	-0.24	0.0	0	0.3	20.6	0.8	0.0	0.0	0.0	
VMP-29-10	10/20/2016	0940	-0.30	-0.30	0.0	0	0.3	20.7	0.9	0.0	0.0	0.0	
VMP-29-10	11/16/2016	0938	-0.10	-0.12	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-29-10	12/22/2016	1020	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-29-18	12/5/2012	1635	-0.08	-0.10	0.0	0	0.6	20.3	1.9	4.9	0.0	4.9	
VMP-29-18	12/6/2012	1353	-0.03	-0.06	0.0	0	0.5	20.5	1.1	3.0	0.0	3.0	
VMP-29-18	12/13/2012	1324	-0.01	-0.02	0.0	0	5.8	14.0	5.2	5.4	0.0	5.4	
VMP-29-18	12/19/2012	1405	0.00	-0.06	0.0	0	6.9	13.0	1.4	0.3	0.0	0.3	
VMP-29-18	1/16/2013	1004	-0.02	-0.07	0.0	0	1.0	20.0	0.7	4.7	0.0	4.7	
VMP-29-18	2/25/2013	1255	-0.08	0.05	0.0	0	1.2	19.7	1.5	2.5	0.0	2.5	
VMP-29-18	3/20/2013	1424	-0.04	-0.09	0.0	0	1.6	19.6	4.4	7.1	0.0	7.1	
VMP-29-18	4/25/2013	1409	-0.15	-0.08	0.0	0	0.8	20.4	3.3	5.3	0.0	5.3	
VMP-29-18	5/22/2013	1421	-0.27	-0.30	0.0	0	1.2	19.4	3.1	4.9	0.0	4.9	
VMP-29-18	6/25/2013	1350	-0.22	-0.17	0.0	0	0.6	20.4	9.5	15.5	1.3	14.2	
VMP-29-18	7/24/2013	1345	-0.34	-0.38	0.0	0	0.5	20.6	18.2	23.9	0.0	23.9	
VMP-29-18	8/28/2013	1416	-0.24	-0.27	0.0	0	0.3	20.7	10.4	13.9	0.0	13.9	
VMP-29-18	9/25/2013	1335	-0.35	-0.34	0.0	0	0.3	20.7	7.4	7.5	0.0	7.5	
VMP-29-18	10/23/2013	1416	-0.49	-0.49	0.0	0	0.0	20.9	1.2	2.6	0.0	2.6	
VMP-29-18	11/20/2013	1249	-0.37	-0.43	0.0	0	0.1	20.9	0.9	2.4	0.0	2.4	
VMP-29-18	12/18/2013	1502	-0.43	-0.45	0.0	0	0.1	20.9	13	12.7	0.8	11.9	
VMP-29-18	1/29/2014	1116	-0.26	-0.25	0.0	0	0.2	20.8	3.2	4.44	0.0	4.44	
VMP-29-18	2/19/2014	1528	-0.22	-0.27	0.0	0	0.1	20.9	1.6	1.79	0.0	1.79	
VMP-29-18	3/19/2014	1403	-0.26	-0.20	0.0	0	0.1	20.9	1.8	1.54	0.0	1.54	
VMP-29-18	4/23/2014	1304	-0.45	-0.40	0.0	0	0.2	20.9	2.4	3.33	0.0	3.33	
VMP-29-18	5/21/2014	1422	-0.45	-0.45	0.0	0	0.1	20.9	4.5	4.79	0.0	4.79	
VMP-29-18	6/18/2014	0846	-0.50	-0.54	0.0	0	0.4	20.6	2.5	3.62	0.0	3.62	
VMP-29-18	7/24/2014	1103	-0.48	-0.40	0.0	0	0.4	20.8	2.2	3.15	0.0	3.15	
VMP-29-18	8/21/2014	1335	-0.52	-0.44	0.0	0	0.3	20.6	2.9	2.69	0.0	2.69	
VMP-29-18	9/17/2014	1043	-0.52	-0.53	0.0	0	0.1	20.8	1.8	2.95	0.0	2.95	
VMP-29-18-Dup	9/17/2014	1046	NM	NM	0.0	0	0.2	20.8	2.3	3.34	0.0	3.34	Duplicate Sample.
VMP-29-18	10/22/2014	0954	-0.59	-0.55	0.0	0	0.2	20.9	1.8	2.85	0.0	2.85	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-29-18	11/19/2014	1319	-0.49	-0.95	0.0	0	0.2	20.8	1.4	0.77	0.0	0.77	
VMP-29-18	12/17/2014	1037	-0.49	-0.50	0.0	0	0.1	20.7	1.6	1.05	0.0	1.05	
VMP-29-18	1/28/2015	1102	-0.48	-0.49	0.0	0	0.1	20.9	6.1	5.1	1.0	4.1	
VMP-29-18	2/25/2015	1418	-0.42	-0.74	0.0	0	0.1	20.9	1.4	1.3	0.0	1.3	
VMP-29-18	3/25/2015	1407	-0.44	-0.69	0.0	0	0.1	20.9	1.2	1.7	0.0	1.7	
VMP-29-18	4/22/2015	1035	-0.69	-0.51	0.0	0	0.0	20.9	1.9	3.1	0.0	3.1	
VMP-29-18	5/20/2015	1040	-0.52	-0.59	0.0	0	0.0	20.9	0.7	2.0	0.0	2.0	
VMP-29-18	6/17/2015	0920	-0.17	-0.39	0.0	0	0.2	20.7	4.3	4.5	0.0	4.5	
VMP-29-18	7/22/2015	0904	-0.32	-0.36	0.0	0	0.5	20.5	3.3	4.1	0.0	4.1	
VMP-29-18	8/19/2015	1055	-0.60	-0.47	0.0	0	0.0	20.9	0.5	0.4	0.0	0.4	
VMP-29-18	9/16/2015	1010	-0.28	-0.27	0.0	0	0.2	20.8	5.1	7.2	0.0	7.2	
VMP-29-18	10/21/2015	1050	-0.30	-0.24	0.0	0	0.2	20.9	2.0	1.4	0.0	1.4	
VMP-29-18	11/23/2015	1013	-0.39	-0.35	0.0	0	0.2	20.8	0.2	0	0.0	0.0	
VMP-29-18	12/16/2015	1048	-0.21	-0.29	0.0	0	0.2	20.8	0.2	0	0.0	0.0	
VMP-29-18	1/22/2016	1012	-0.23	-0.26	0.0	0	0.0	20.9	0.3	2.1	0.0	2.1	
VMP-29-18	2/17/2016	1103	-0.21	-0.26	0.0	0	0.0	20.9	0.2	0.4	0.0	0.4	
VMP-29-18	3/22/2016	0955	0.00	-0.14	0.0	0	0.0	20.9	0.5	0.3	0.0	0.3	
VMP-29-18	4/20/2016	0940	0.00	0.00	0.0	0	0.1	20.7	0.3	0.0	0.0	0.0	
VMP-29-18	5/19/2016	1115	-0.18	-0.18	0.0	0	0.2	20.6	1.2	0.0	0.0	0.0	
VMP-29-18	6/21/2016	0930	-0.23	-0.29	0.0	0	0.0	20.9	2.1	2.3	0.0	2.3	
VMP-29-18	7/20/2016	1144	0.00	0.00	0.0	0	0.5	20.3	1.8	0.0	0.0	0.0	
VMP-29-18	8/24/2016	1431	-0.24	-0.20	0.0	0	0.0	20.9	1.9	2.6	0.0	2.6	
VMP-29-18	9/21/2016	1012	0.00	-0.22	0.0	0	0.1	20.8	1.7	0.2	0.0	0.2	
VMP-29-18	10/20/2016	0945	-0.32	-0.31	0.0	0	0.1	20.8	0.6	0.2	0.0	0.2	
VMP-29-18	11/16/2016	0939	-0.11	-0.14	0.0	0	0.2	20.6	0.5	0.0	0.0	0.0	
VMP-29-18	12/22/2016	1024	0.00	0.00	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	
VMP-29-26	12/5/2012	1640	-0.10	-0.13	0.0	0	2.1	18.6	8.0	12.9	0.0	12.9	
VMP-29-26	12/6/2012	1357	-0.04	-0.06	0.0	0	4.7	15.4	15.5	18.4	0.0	18.4	
VMP-29-26	12/13/2012	1337	0.02	-0.02	0.0	0	9.3	10.0	8.5	13.8	0.0	13.8	
VMP-29-26	12/19/2012	1415	0.00	-0.06	0.0	0	8.5	10.6	2.4	2.6	0.0	2.6	
VMP-29-26	1/16/2013	1005	-0.02	-0.08	0.0	0	5.2	15.3	5.4	8.5	0.0	8.5	
VMP-29-26	2/25/2013	1300	-0.10	0.06	0.0	0	3.7	16.7	1.5	1.3	0.0	1.3	
VMP-29-26	3/20/2013	1428	-0.05	-0.08	0.0	0	2.1	19.0	4.9	7.4	0.0	7.4	
VMP-29-26	4/25/2013	1416	-0.15	-0.10	0.0	0	1.6	19.6	3.7	4.9	0.0	4.9	
VMP-29-26	5/22/2013	1422	-0.29	-0.30	0.0	0	1.0	19.8	4.7	8.1	0.0	8.1	
VMP-29-26	6/25/2013	1354	-0.23	-0.18	0.0	0	0.7	20.3	8.4	13.7	1.7	12.0	
VMP-29-26	7/24/2013	1349	-0.35	-0.42	0.0	0	0.4	20.6	11.6	13.7	0.0	13.7	
VMP-29-26	8/28/2013	1417	-0.25	-0.29	0.0	0	0.3	20.7	8.9	13.3	0.0	13.3	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-29-26	9/25/2013	1336	-0.38	-0.36	0.0	0	0.3	20.7	7.1	6.8	0.0	6.8	
VMP-29-26	10/23/2013	1427	-0.54	-0.52	0.0	0	0.2	20.9	1.1	2.46	0.0	2.46	
VMP-29-26	11/20/2013	1253	-0.40	-0.49	0.0	0	0.1	20.9	1.0	2.62	0.0	2.62	
VMP-29-26	12/18/2013	1506	-0.47	-0.48	0.0	0	0.2	20.9	6.0	6.09	0.9	5.19	
VMP-29-26	1/29/2014	1117	-0.29	-0.30	0.0	0	0.3	20.7	2.2	3.07	0.0	3.07	
VMP-29-26	2/19/2014	1528	-0.20	-0.29	0.0	0	0.2	20.7	1.1	0.67	0.0	0.67	
VMP-29-26	3/19/2014	1414	-0.29	-0.25	0.0	0	0.2	20.8	0.9	1.52	0.0	1.52	
VMP-29-26	4/23/2014	1304	-0.47	-0.43	0.0	0	0.1	20.9	2.6	3.64	0.0	3.64	
VMP-29-26	5/21/2014	1423	-1.07	-0.48	0.0	0	0.2	20.9	2.5	3	0.0	3	
VMP-29-26	6/18/2014	0846	-0.62	-0.56	0.0	0	0.4	20.6	2.3	2.32	0.0	2.32	
VMP-29-26	7/24/2014	1103	-0.52	-0.46	0.0	0	0.3	20.8	3.3	3.55	0.0	3.55	
VMP-29-26-Dup	7/24/2014	1108	NM	NM	0.0	0	0.3	20.8	2.5	3.18	0.0	3.18	Duplicate sample.
VMP-29-26	8/21/2014	1340	-0.56	-0.47	0.0	0	0.3	20.6	2.5	0.79	0.0	0.79	
VMP-29-26-Dup	8/21/2014	1345	NM	NM	0.0	0	0.3	20.6	2.6	0.68	0.0	0.68	Duplicate Sample.
VMP-29-26	9/17/2014	1044	-0.53	-0.57	0.0	0	0.1	20.8	1.2	3.06	0.0	3.06	
VMP-29-26	10/22/2014	0956	-0.63	-0.59	0.0	0	0.2	20.8	1.3	2.67	0.0	2.67	
VMP-29-26	11/19/2014	1319	-0.09	-0.52	0.0	0	0.1	20.8	1.2	1.55	0.0	1.55	
VMP-29-26	12/17/2014	1041	-0.58	-0.54	0.0	0	0.2	20.8	1.1	0.29	0.0	0.29	
VMP-29-26	1/28/2015	1107	-0.13	-0.25	0.0	0	0.1	20.8	3.5	3.5	0.0	3.5	
VMP-29-26	2/25/2015	1418	-0.69	-0.66	0.0	0	0.1	20.9	1.3	0.3	0.0	0.3	
VMP-29-26	3/25/2015	1408	-0.49	-0.72	0.0	0	0.1	20.8	0.9	1.6	0.0	1.6	
VMP-29-26	4/22/2015	1036	-0.74	-0.54	0.0	0	0.1	20.8	0.4	1.0	0.0	1.0	
VMP-29-26-Dup	5/20/2015	1036	NM	NM	0.0	0	0.0	20.9	0.5	2.0	0.0	2.0	Duplicate sample.
VMP-29-26	5/20/2015	1045	-0.57	-0.63	0.0	0	0.0	20.9	0.5	2.0	0.0	2.0	
VMP-29-26	6/17/2015	0924	-0.46	-0.48	0.0	0	0.1	20.8	0.7	2.2	0.0	2.2	
VMP-29-26	7/22/2015	0908	-0.35	-0.39	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-29-26	8/19/2015	1100	-0.61	-0.49	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-29-26-Dup	8/19/2015	1100	NM	NM	0.0	0	0.2	20.9	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-29-26	9/16/2015	1015	-0.32	-0.30	0.0	0	0.2	20.8	0.4	0	0.0	0.0	
VMP-29-26	10/21/2015	1055	-0.22	-0.25	0.0	0	0.1	20.9	0.4	0	0.0	0.0	
VMP-29-26	11/23/2015	1014	-0.31	-0.21	0.0	0	0.2	20.8	0.0	0	0.0	0.0	
VMP-29-26	12/16/2015	1049	-0.41	-0.30	0.0	0	0.1	20.9	0.2	0	0.0	0.0	
VMP-29-26	1/22/2016	1015	-0.38	-0.35	0.0	0	0.2	20.8	0.8	2.0	0.0	2.0	
VMP-29-26	2/17/2016	1104	-0.12	-0.24	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-29-26	3/22/2016	1000	-0.09	-0.14	0.0	0	0.0	20.9	0.5	0.3	0.0	0.3	
VMP-29-26	4/20/2016	0941	0.00	0.00	0.0	0	0.1	20.7	0.3	0.0	0.0	0.0	
VMP-29-26	5/19/2016	1120	-0.19	-0.17	0.0	0	0.0	20.9	1.7	0.0	0.0	0.0	
VMP-29-26	6/21/2016	0935	-0.25	-0.30	0.0	0	0.2	20.6	8.6	16.7	0.0	16.7	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-29-26	7/20/2016	1145	0.00	0.00	0.0	0	0.4	20.4	2.6	2.4	0.0	2.4	
VMP-29-26-Dup	7/20/2016	1146	0.00	0.00	0.0	0	0.3	20.6	1.8	1.3	0.0	1.3	Duplicate sample.
VMP-29-26	8/24/2016	1432	-0.26	-0.21	0.0	0	0.0	20.9	3.8	2.7	0.0	2.7	
VMP-29-26-Dup	8/24/2016	1432	NM	NM	0.0	0	0.3	20.7	3.8	4.8	0.0	4.8	Duplicate sample.
VMP-29-26	9/21/2016	1011	-0.21	-0.21	0.0	0	0.0	20.9	1.5	0.0	0.0	0.0	
VMP-29-26	10/20/2016	0951	-0.32	-0.32	0.0	0	0.0	20.9	0.7	0.3	0.0	0.3	
VMP-29-26	11/16/2016	0940	-0.11	-0.14	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-29-26	12/22/2016	1028	0.00	0.00	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	
VMP-29-40	12/5/2012	NM	-0.39	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/6/2012	1355	-2.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/13/2012	NM	-0.03	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/19/2012	NM	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	1/16/2013	NM	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	2/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	3/20/2013	NM	-0.21	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	4/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	5/22/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	6/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	7/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	8/28/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	9/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	10/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	11/20/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/18/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	1/29/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	2/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	3/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	4/23/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	5/21/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	6/18/2014	0846	-1.00	0.00	0.0	0	0.0	20.9	20.2	23	5.2	17.77	
VMP-29-40	7/24/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	8/21/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	9/17/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	10/22/2014	0956	-2.42	-1.45	0.0	0	0.1	20.7	805	1698	85.1	1612.9	Resampled to verify initial readings.
VMP-29-40	10/22/2014	1501	-0.09	NM	0.0	0	0.1	20.8	111	135	1.9	133.1	Resample.
VMP-29-40	11/19/2014	1330	1.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/17/2014	1032	-9.39	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-29-40	1/28/2015	NM	-7.99	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-29-40	2/25/2015	1422	-2.90	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	3/25/2015	1409	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged. Tedlar with ambient air accidently taken and not screened.
VMP-29-40	4/22/2015	1037	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	5/20/2015	1050	0.00	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged. Tedlar with ambient air accidently taken and not screened.
VMP-29-40	6/17/2015	0928	0.35	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	7/22/2015	0912	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	8/19/2015	1110	-1.59	-0.26	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged. Tedlar with ambient air accidently taken and not screened.
VMP-29-40	9/16/2015	1020	0.00	-0.28	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged. Tedlar with ambient air accidently taken and not screened.
VMP-29-40	10/21/2015	1056	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	11/23/2015	1015	-7.12	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/16/2015	1050	-6.85	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	1/22/2016	1016	4.60	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	2/17/2016	1105	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	3/22/2016	1005	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	4/20/2016	0942	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	5/19/2016	1125	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	6/21/2016	0940	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	7/20/2016	1147	-0.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	8/25/2016	1445	-4.94	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	9/21/2016	1010	-1.01	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	10/20/2016	0952	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	11/16/2016	0941	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-29-40	12/22/2016	1030	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-10	12/5/2012	1547	-0.11	-0.12	0.0	0	0.5	20.6	0.8	2.4	0.0	2.4	
VMP-30-10	12/6/2012	1441	-0.09	-0.09	0.0	0	0.0	20.9	0.5	2.2	0.0	2.2	
VMP-30-10	12/13/2012	1106	-0.04	-0.05	0.0	0	0.3	20.8	1.7	4.2	0.0	4.2	
VMP-30-10	12/19/2012	1425	-0.04	-0.02	0.0	0	0.2	20.8	0.9	2.0	0.0	2.0	
VMP-30-10	1/16/2013	1025	-0.08	-0.06	0.0	0	0.0	20.9	0.4	3.6	0.0	3.6	
VMP-30-10	2/25/2013	1315	-0.04	-0.04	0.0	0	0.0	20.9	0.9	2.1	0.0	2.1	
VMP-30-10	3/20/2013	1433	-0.08	-0.09	0.0	0	0.0	20.9	0.9	3.7	0.0	3.7	
VMP-30-10	4/25/2013	1509	-0.16	-0.15	0.0	0	0.0	20.9	1.0	2.0	0.0	2.0	
VMP-30-10	5/22/2013	1455	-0.27	-0.23	0.0	0	0.1	20.8	9.3	15.1	0.0	15.1	
VMP-30-10	6/25/2013	1516	-0.20	-0.18	0.0	0	0.1	20.8	6.9	10.5	0.5	10.1	
VMP-30-10	7/24/2013	1410	-0.36	-0.37	0.0	0	0.1	20.8	12.8	13.4	0.0	13.4	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-30-10	8/28/2013	1331	-0.34	-0.38	0.0	0	0.1	20.9	10.3	16.3	0.0	16.3	
VMP-30-10	9/25/2013	1341	-0.37	-0.39	0.0	0	0.0	20.8	0.5	1.5	0.0	1.5	
VMP-30-10	10/23/2013	1439	-0.54	-0.45	0.0	0	0.0	20.9	0.3	1.7	0.0	1.7	
VMP-30-10	11/20/2013	1315	-0.46	-0.52	0.0	0	0.0	20.9	0.6	1.8	0.0	1.8	
VMP-30-10	12/18/2013	1530	-0.49	-0.50	0.0	0	0.0	20.9	1.6	1.3	0.0	1.3	
VMP-30-10	1/29/2014	1239	-1.04	-0.27	0.0	0	0.1	20.8	0.8	1.81	0.0	1.81	
VMP-30-10	2/19/2014	1549	-0.30	-0.36	0.0	0	0.0	20.9	6.9	8.75	0.0	8.75	
VMP-30-10	3/19/2014	1445	-0.32	-0.32	0.0	0	0.1	20.7	1.1	1.53	0.0	1.53	
VMP-30-10	4/23/2014	1321	-0.59	-0.52	0.0	0	0.1	20.9	2.2	3.25	0.0	3.25	
VMP-30-10	5/21/2014	1430	-0.68	-0.61	0.0	0	0.1	20.8	1.5	2.56	0.0	2.56	
VMP-30-10	6/18/2014	0932	-0.70	-0.68	0.0	0	0.1	20.9	3.5	3.25	0.0	3.25	
VMP-30-10	7/24/2014	1119	-0.63	-0.63	0.0	0	0.0	20.9	3.2	3.32	0.0	3.32	
VMP-30-10	8/21/2014	1028	-0.72	-0.78	0.0	0	0.0	20.9	2.3	2.06	0.0	2.06	
VMP-30-10	9/17/2014	1007	-0.67	-0.64	0.0	0	0.0	20.8	1.2	3.18	0.0	3.18	
VMP-30-10	10/22/2014	1013	-0.83	-0.77	0.0	0	0.0	20.9	1.2	1.86	0.0	1.86	
VMP-30-10	11/19/2014	937	-0.80	-0.73	0.0	0	0.0	20.9	1.2	1.97	0.0	1.97	
VMP-30-10	12/17/2014	1012	-0.80	-0.79	0.0	0	0.0	20.9	3.4	2.76	0.0	2.76	
VMP-30-10	1/28/2015	1028	-0.77	-0.66	0.0	0	0.0	20.9	2.5	1.1	0.0	1.1	
VMP-30-10	2/25/2015	1049	-0.63	0.00	0.0	0	0.0	20.9	0.5	0.8	0.0	0.8	
VMP-30-10	3/25/2015	1446	-0.70	-0.76	0.0	0	0.1	20.9	1.0	2.0	0.0	2.0	
VMP-30-10	4/22/2015	1050	-0.77	-0.68	0.0	0	0.0	20.9	0.5	1.3	0.0	1.3	
VMP-30-10	5/20/2015	1000	-0.83	-0.77	0.0	0	0.0	20.9	0.5	2.2	0.0	2.2	
VMP-30-10	6/17/2015	0944	-0.27	-0.29	0.0	0	0.1	20.8	3.4	9.7	5.8	3.9	
VMP-30-10	7/22/2015	0913	-0.26	-0.27	0.0	0	0.0	20.9	2.5	3.3	0.0	3.3	
VMP-30-10	8/19/2015	0950	-0.27	-0.31	0.0	0	0.0	20.9	13.7	25.8	2.5	23.3	
VMP-30-10	9/16/2015	0940	-0.19	-0.21	0.0	0	0.0	20.9	9.1	15.3	0.0	15.3	
VMP-30-10	10/21/2015	0943	-0.34	-0.19	0.0	0	0.1	20.9	1.8	0.8	0.0	0.8	
VMP-30-10	11/23/2015	0937	-0.29	-0.25	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-10-Dup	11/23/2015	0942	NM	NM	0.0	0	0.0	20.9	0.0	0	0.0	0.0	Duplicate sample.
VMP-30-10	12/16/2015	1020	-0.24	-0.19	0.0	0	0.0	20.9	0.2	0	0.0	0.0	
VMP-30-10	1/20/2016	1423	0.39	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-30-10	2/17/2016	1428	-0.17	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-30-10	3/22/2016	0920	-0.12	-0.17	0.0	0	0.0	20.9	0.2	0.2	0.0	0.2	
VMP-30-10	4/20/2016	1525	0.00	0.00	0.0	0	0.0	20.9	3.1	2.0	0.0	2.0	
VMP-30-10	5/19/2016	1005	-0.24	-0.22	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-30-10	6/21/2016	0900	-0.23	-0.31	0.0	0	0.0	20.9	8.4	16.6	0.0	16.6	
VMP-30-10	7/20/2016	1103	0.10	0.00	0.0	0	0.0	20.9	0.8	3.6	0.0	3.6	
VMP-30-10	8/24/2016	1405	-0.26	-0.28	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-30-10	9/21/2016	0953	-0.23	-0.20	0.0	0	0.1	20.9	2.3	0.4	0.0	0.4	
VMP-30-10	10/20/2016	0911	-0.33	-0.29	0.0	0	0.1	20.9	0.5	0.0	0.0	0.0	
VMP-30-10	11/16/2016	0908	0.00	-0.13	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-30-10	12/21/2016	0945	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-30-18	12/5/2012	1547	-0.21	-0.22	0.0	0	0.0	20.9	0.4	3.0	0.0	3.0	
VMP-30-18	12/6/2012	1442	-0.17	-0.19	0.0	0	0.0	20.9	0.7	2.4	0.0	2.4	
VMP-30-18	12/13/2012	1120	-0.10	-0.14	0.0	0	4.1	17.5	12.8	62.7	0.0	62.7	
VMP-30-18	12/19/2012	1430	-0.08	-0.06	0.0	0	0.7	20.5	1.7	6.0	0.0	6.0	
VMP-30-18	1/16/2013	1026	-0.20	-0.12	0.0	0	0.0	20.9	0.6	4.9	0.0	4.9	
VMP-30-18	2/25/2013	1320	-0.09	-0.10	0.0	0	0.3	20.7	2.6	5.0	0.0	5.0	
VMP-30-18	3/20/2013	1437	-0.18	-0.20	0.0	0	0.4	20.7	4.9	7.9	0.0	7.9	
VMP-30-18	4/25/2013	1517	-0.28	-0.24	0.0	0	0.2	20.7	9.1	12.7	0.0	12.7	
VMP-30-18	5/22/2013	1456	-0.52	-0.47	0.0	0	0.2	20.7	10.3	18.3	0.0	18.3	
VMP-30-18	6/25/2013	1520	-0.38	-0.37	0.0	0	0.3	20.6	24.3	38.2	2.4	35.8	
VMP-30-18	7/24/2013	1414	-0.78	-0.79	0.0	0	0.2	20.8	11.9	17.2	0.0	17.2	
VMP-30-18	8/28/2013	1332	-0.68	-0.71	0.0	0	0.2	20.7	7.8	11.4	0.0	11.4	
VMP-30-18	9/25/2013	1342	-0.78	-0.82	0.0	0	0.1	20.8	0.7	1.8	0.0	1.8	
VMP-30-18	10/23/2013	1446	-1.12	-0.93	0.0	0	0.1	20.9	0.4	2.2	0.0	2.2	
VMP-30-18	11/20/2013	1319	-0.98	-1.10	0.0	0	0.1	20.9	0.5	2.2	0.0	2.2	
VMP-30-18	12/18/2013	1534	-0.96	-0.98	0.0	0	0.1	20.9	0.9	1.7	0.0	1.7	
VMP-30-18	1/29/2014	1240	-0.56	-0.59	0.0	0	0.2	20.8	0.8	1.11	0.0	1.11	
VMP-30-18	2/19/2014	1549	-0.56	-0.67	0.0	0	0.1	20.9	5.9	8.16	0.0	8.16	
VMP-30-18	3/19/2014	1450	-0.64	-0.66	0.0	0	0.1	20.9	1.7	2.04	0.0	2.04	
VMP-30-18	4/23/2014	1321	-1.13	-1.05	0.0	0	0.1	20.9	1.6	3.13	0.0	3.13	
VMP-30-18	5/21/2014	1431	-1.29	-1.21	0.0	0	0.1	20.8	1.3	1.97	0.0	1.97	
VMP-30-18	6/18/2014	0932	-1.42	-1.34	0.0	0	0.1	20.9	4.0	4.08	0.0	4.08	
VMP-30-18	7/24/2014	1120	-1.30	-1.23	0.0	0	0.2	20.9	11.8	9.68	0.0	9.68	
VMP-30-18	8/21/2014	1033	-1.44	-1.44	0.0	0	0.1	20.8	2.4	1.78	0.0	1.78	
VMP-30-18	9/17/2014	1008	-1.39	-1.34	0.0	0	0.0	20.8	1.3	2.67	0.0	2.67	
VMP-30-18	10/22/2014	1015	-1.66	-1.61	0.0	0	0.1	20.9	0.7	2.47	0.0	2.47	
VMP-30-18	11/19/2014	940	-1.70	-1.58	0.0	0	0.0	20.9	0.9	1.56	0.0	1.56	
VMP-30-18	12/17/2014	1017	-1.64	-1.62	0.0	0	0.1	20.8	1.9	1.95	0.0	1.95	
VMP-30-18	1/28/2015	1036	-1.57	-1.39	0.0	0	0.1	20.9	2.3	1.0	0.0	1.0	
VMP-30-18	2/25/2015	1049	-1.34	-0.80	0.0	0	0.1	20.9	0.5	0.6	0.0	0.6	
VMP-30-18	3/25/2015	1447	-1.37	-1.47	0.0	0	0.1	20.9	1.0	1.3	0.0	1.3	
VMP-30-18	4/22/2015	1051	-1.55	-1.44	0.0	0	0.0	20.9	0.7	1.5	0.0	1.5	
VMP-30-18	5/20/2015	1005	-1.69	-1.49	0.0	0	0.0	20.9	0.5	2.4	0.0	2.4	
VMP-30-18	6/17/2015	0948	-0.58	-0.56	0.0	0	0.0	20.9	2.6	3.2	0.0	3.2	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-30-18	7/22/2015	0917	-0.60	-0.59	0.0	0	0.1	20.8	7.7	13.3	0.0	13.3	
VMP-30-18	8/19/2015	0955	-0.61	-0.78	0.0	0	0.0	20.9	5.1	7.3	0.0	7.3	
VMP-30-18	9/16/2015	0945	-0.52	-0.51	0.0	0	0.0	20.9	2.9	4.8	0.0	4.8	
VMP-30-18	10/21/2015	0949	-0.64	-0.49	0.0	0	0.1	20.9	1.3	1.6	0.0	1.6	
VMP-30-18	11/23/2015	0938	-0.62	-0.57	0.0	0	0.1	20.9	0.0	0	0.0	0.0	
VMP-30-18	12/16/2015	1021	-0.51	-0.46	0.0	0	0.0	20.9	0.3	0	0.0	0.0	
VMP-30-18	1/20/2016	1428	-0.35	-0.41	0.0	0	0.0	20.9	0.4	0.4	0.0	0.4	
VMP-30-18	2/17/2016	1429	-0.49	-0.45	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-30-18	3/22/2016	0925	-0.35	-0.41	0.0	0	0.0	20.9	0.3	0.2	0.0	0.2	
VMP-30-18	4/20/2016	1530	0.00	0.00	0.0	0	0.1	20.8	0.6	0.0	0.0	0.0	
VMP-30-18	5/19/2016	1010	-0.48	-0.47	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-30-18	6/21/2016	0900	-0.23	-0.31	0.0	0	0.0	20.9	0.8	2.4	0.0	2.4	
VMP-30-18	7/20/2016	1104	0.12	0.00	0.0	0	0.2	20.7	2.3	2.5	0.0	2.5	
VMP-30-18	8/24/2016	1406	-0.50	-0.53	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-30-18	9/21/2016	0952	-0.50	-0.44	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-18	10/20/2016	0917	-0.64	-0.58	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-18	11/16/2016	0909	-0.36	-0.32	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-30-18	12/21/2016	0958	0.00	0.00	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-30-26	12/5/2012	1550	-0.23	-0.12	0.0	0	0.0	20.9	0.7	3.1	0.0	3.1	
VMP-30-26	12/6/2012	1446	-0.17	-0.19	0.0	0	0.0	20.9	0.7	2.5	0.0	2.5	
VMP-30-26	12/13/2012	1121	-0.10	-0.13	0.0	0	6.2	15.2	6.3	15.1	0.0	15.1	
VMP-30-26	12/19/2012	1435	-0.05	-0.10	0.0	0	1.0	20.1	1.4	4.0	0.0	4.0	
VMP-30-26	1/16/2013	1027	-0.19	-0.13	0.0	0	0.0	20.9	0.3	3.5	0.0	3.5	
VMP-30-26	2/25/2013	1325	-0.10	-0.08	0.0	0	0.1	20.8	1.3	3.5	0.0	3.5	
VMP-30-26	3/20/2013	1441	-0.21	-0.23	0.0	0	0.9	20.5	2.1	4.7	0.0	4.7	
VMP-30-26	4/25/2013	1525	-0.28	-0.24	0.0	0	0.3	20.7	1.9	3.4	0.0	3.4	
VMP-30-26	5/22/2013	1457	-0.54	-0.48	0.0	0	0.6	20.3	3.3	5.3	0.0	5.3	
VMP-30-26	6/25/2013	1524	-0.40	-0.40	0.0	0	0.3	20.6	9.1	14.5	1.8	12.7	
VMP-30-26	7/24/2013	1418	-0.81	-0.81	0.0	0	0.1	20.8	3.4	6.1	0.0	6.1	
VMP-30-26	8/28/2013	1333	-0.70	-0.72	0.0	0	0.1	20.8	2.4	4.5	0.0	4.5	
VMP-30-26	9/25/2013	1343	-0.81	-0.85	0.0	0	0.1	20.8	0.7	1.4	0.0	1.4	
VMP-30-26	10/23/2013	1454	-1.15	-0.98	0.0	0	0.1	20.8	1.0	1.7	0.0	1.7	
VMP-30-26	11/20/2013	1323	-1.03	-1.16	0.0	0	0.0	20.9	0.8	2.4	0.0	2.4	
VMP-30-26	12/18/2013	1538	-1.01	-1.03	0.0	0	0.2	20.9	1.3	1.3	0.0	1.3	
VMP-30-26	1/29/2014	1241	-0.59	-0.61	0.0	0	0.2	20.8	1.1	1.64	0.0	1.64	
VMP-30-26	2/19/2014	1550	-0.58	-0.72	0.0	0	0.1	20.9	6.6	8.76	0.0	8.76	
VMP-30-26	3/19/2014	1455	-0.70	-0.67	0.0	0	0.1	20.9	1.6	1.98	0.0	1.98	
VMP-30-26	4/23/2014	1322	-1.18	-1.11	0.0	0	0.1	20.9	1.6	3.24	0.0	3.24	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-30-26	5/21/2014	1432	-1.32	-1.25	0.0	0	0.1	20.8	1.1	1.78	0.0	1.78	
VMP-30-26	6/18/2014	0932	-1.48	-1.37	0.0	0	0.1	20.9	2.5	1.35	0.0	1.35	
VMP-30-26	7/24/2014	1120	-1.36	-1.82	0.0	0	0.2	20.8	7.4	7.97	1.5	6.47	
VMP-30-26-Dup	7/24/2014	1125	NM	NM	0.0	0	0.2	20.8	5.2	4.29	0.0	4.29	Duplicate sample.
VMP-30-26	8/21/2014	1038	-1.47	-1.49	0.0	0	0.1	20.8	2.3	1.11	0.0	1.11	
VMP-30-26	9/17/2014	1009	-1.45	-1.40	0.0	0	0.0	20.9	1.8	3.11	0.0	3.11	
VMP-30-26	10/22/2014	1016	-1.73	-1.67	0.0	0	0.1	20.9	1.6	2.28	0.0	2.28	
VMP-30-26-Dup	10/22/2014	1017	NM	NM	0.0	0	0.1	20.9	1.2	2.56	0.0	2.56	Duplicate sample.
VMP-30-26	11/19/2014	940	-1.76	-1.66	0.0	0	0.0	20.9	0.8	1.98	0.0	1.98	
VMP-30-26	12/17/2014	1022	-1.71	-1.67	0.0	0	0.1	20.8	1.8	1.32	0.0	1.32	
VMP-30-26	1/28/2015	1041	-1.63	-1.44	0.0	0	0.1	20.9	2.1	1.2	0.0	1.2	
VMP-30-26	2/25/2015	1049	-1.39	-0.77	0.0	0	0.1	20.9	0.5	0.5	0.0	0.5	
VMP-30-26-Dup	2/25/2015	1049	NM	NM	0.0	0	0.1	20.9	0.6	0.4	0.0	0.4	Duplicate sample.
VMP-30-26	3/25/2015	1447	-1.42	-1.52	0.0	0	0.1	20.9	1.0	1.7	0.0	1.7	
VMP-30-26-Dup	3/25/2015	1447	NM	NM	0.0	0	0.1	20.9	1.2	1.3	0.0	1.3	Duplicate sample.
VMP-30-26	4/22/2015	1052	-1.58	-1.48	0.0	0	0.1	20.9	1.0	2.0	0.0	2.0	
VMP-30-26	5/20/2015	1010	-1.73	-1.56	0.0	0	0.0	20.9	0.5	2.4	0.0	2.4	
VMP-30-26	6/17/2015	0952	-0.62	-0.66	0.0	0	0.0	20.9	0.7	2.6	0.0	2.6	
VMP-30-26-Dup	6/17/2015	0952	NM	NM	0.0	0	0.0	20.9	0.8	2.9	0.0	2.9	Duplicate sample.
VMP-30-26	7/22/2015	0921	-0.62	-0.61	0.1	0	0.0	20.9	4.7	4.6	0.0	4.6	
VMP-30-26	8/19/2015	1000	-0.63	-0.82	0.0	0	0.0	20.9	0.6	1.3	0.0	1.3	
VMP-30-26	9/16/2015	0950	-0.55	-0.52	0.0	0	0.1	20.9	1.0	1.8	0.0	1.8	
VMP-30-26-Dup	9/16/2015	0955	NM	NM	0.0	0	0.0	20.9	0.8	0.7	0.0	0.7	Duplicate sample.
VMP-30-26	10/21/2015	0957	-0.66	-0.52	0.0	0	0.1	20.9	0.7	0	0.0	0.0	
VMP-30-26	11/23/2015	0939	-0.64	-0.52	0.0	0	0.2	20.9	0.0	0	0.0	0.0	
VMP-30-26	12/16/2015	1022	-0.52	-0.46	0.0	0	0.0	20.9	0.4	0	0.0	0.0	
VMP-30-26-Dup	12/16/2015	1027	NM	NM	0.0	0	0.1	20.8	0.3	0	0.0	0.0	Duplicate sample.
VMP-30-26	1/20/2016	1433	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-30-26	2/17/2016	1430	-0.51	-0.47	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-30-26	3/22/2016	0930	-0.36	-0.43	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-30-26-Dup	3/22/2016	0930	NM	NM	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-30-26	4/20/2016	1535	0.00	0.0	0.0	0	0.1	20.8	2.2	1.3	0.0	1.3	
VMP-30-26	5/19/2016	1015	-0.52	-0.49	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	
VMP-30-26-Dup	5/19/2016	1015	NM	NM	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	Duplicate sample.
VMP-30-26	6/21/2016	0910	-0.54	-0.71	0.0	0	0.0	20.9	1.3	2.3	0.0	2.3	
VMP-30-26-Dup	6/21/2016	0915	NM	NM	0.0	0	0.0	20.9	3.0	5.3	0.0	5.3	Duplicate sample.
VMP-30-26	7/20/2016	1105	0.12	0.00	0.0	0	0.3	20.6	0.5	0.0	0.0	0.0	
VMP-30-26	8/24/2016	1407	-0.53	-0.55	0.0	0	0.0	20.9	1.9	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-30-26-Dup	8/24/2016	1407	NM	NM	0.0	0	0.0	20.9	1.9	3.0	0.0	3.0	Duplicate sample.
VMP-30-26	9/21/2016	0951	-0.52	-0.45	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-30-26	10/20/2016	0923	-0.66	-0.59	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-30-26	11/16/2016	0910	-0.37	-0.34	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-30-26	12/21/2016	1001	0.00	0.00	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-30-40	12/5/2012	NM	NM	-0.33	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/6/2012	1442	0.01	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/13/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	1/16/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	2/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	3/20/2013	NM	NM	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	4/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	5/22/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	6/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	7/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	8/28/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	9/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	10/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	11/20/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/18/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	1/29/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	2/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	3/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	4/23/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	5/21/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	6/18/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-30-40	7/24/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	8/21/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	9/17/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	10/22/2014	1017	2.24	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-30-40	11/19/2014	0941	-58.64	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-30-40	12/17/2014	1009	-28.57	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-30-40	1/28/2015	1107	-7.99	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	2/25/2015	1049	-9.51	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	3/25/2015	1448	-1.71	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged
VMP-30-40	4/22/2015	1053	-1.03	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-30-40	5/20/2015	1015	0.00	-1.48	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged. Tedlar with ambient air accidently taken and not screened.
VMP-30-40	6/17/2015	0956	-2.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	7/22/2015	0925	0.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	8/19/2015	1005	8.99	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged. Tedlar with ambient air accidently taken and not screened.
VMP-30-40	9/16/2015	1000	2.37	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	10/21/2015	0958	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	11/23/2015	0940	-6.56	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/16/2015	1023	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	1/20/2016	1436	1.43	0.00	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	2/17/2016	1437	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	3/22/2016	0935	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	4/20/2016	1540	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	5/16/2016	1020	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	6/21/2016	0920	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	7/20/2016	1106	-6.94	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	8/25/2016	1446	-0.41	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	9/21/2016	0950	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	10/20/2016	0924	0.88	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	11/16/2016	0911	0.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-30-40	12/21/2016	1004	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-5	2/1/2012	1552	-0.25	-0.30	0.0	0	0.5	20.5	0.1	0.6	0.0	0.6	
VMP-31-5	2/2/2012	948	-0.45	-0.35	0.0	0	0.3	20.6	0.1	0.5	0.0	0.5	
VMP-31-5	2/7/2012	1401	-0.25	-0.27	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-31-5	2/10/2012	906	-0.10	-0.38	0.0	0	0.2	20.8	1.0	7.5	6.3	1.2	
VMP-31-5	2/13/2012	824	-0.37	-0.29	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-31-5	2/15/2012	1626	0.00	-0.47	0.0	0	0.3	20.7	0.6	0.0	0.0	0.0	
VMP-31-5	2/16/2012	1607	-1.04	-0.66	0.0	0	0.3	20.9	9.3	36.8	3.4	33.4	
VMP-31-5	2/17/2012	912	-0.64	-0.41	0.0	0	0.4	20.8	1.1	6.3	5.0	1.3	
VMP-31-5	2/20/2012	935	-0.15	-0.41	0.0	0	0.3	20.8	0.8	0.5	0.0	0.5	
VMP-31-5	2/21/2012	830	-0.39	-0.53	0.0	0	0.2	20.9	0.5	4.0	0.0	4.0	
VMP-31-5	2/22/2012	1001	-0.25	-0.21	0.0	0	0.4	20.9	0.5	3.5	0.0	3.5	
VMP-31-5	2/29/2012	1019	-0.33	-0.19	0.0	0	0.5	20.4	0.8	6.0	3.1	2.9	
VMP-31-5	3/21/2012	1447	-0.11	-0.11	0.0	0	0.5	20.0	0.2	0.0	0.0	0.0	
VMP-31-5	4/18/2012	1446	-0.16	-0.15	0.0	0	0.1	20.4	2.0	5.3	0.0	5.3	
VMP-31-5	5/16/2012	1046	-0.40	-0.44	0.0	0	1.5	19.0	0.3	0.2	0.0	0.2	
VMP-31-5	6/20/2012	1734	-0.15	-0.16	0.0	0	1.6	19.0	0.1	1.5	0.0	1.5	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-31-5	7/18/2012	1508	-0.22	-0.20	0.0	0	0.6	19.9	0.9	5.7	4.3	1.4	
VMP-31-5	8/15/2012	1503	-0.21	-0.74	0.0	0	0.8	20.0	1.2	4.4	0.0	4.4	
VMP-31-5	9/19/2012	1323	-0.43	-0.59	0.0	0	0.7	20.1	0.9	2.4	0.0	2.4	
VMP-31-5	10/17/2012	905	-0.40	0.91	0.0	0	0.9	19.5	0.2	1.0	0.0	1.0	
VMP-31-5	11/20/2012	1348	-0.28	-0.22	0.0	0	0.4	20.6	0.3	2.3	0.0	2.3	
VMP-31-5	12/19/2012	1140	-0.86	-0.05	0.0	0	0.2	20.7	0.2	1.7	0.0	1.7	
VMP-31-5	1/16/2013	1530	-0.45	-0.33	0.0	0	0.2	20.7	0.1	2.0	0.0	2.0	
VMP-31-5	2/25/2013	1415	-0.13	-0.16	0.0	0	0.2	20.7	0.2	0.3	0.0	0.3	
VMP-31-5	3/21/2013	958	-0.86	-0.83	0.0	0	0.1	20.8	0.4	2.1	0.0	2.1	
VMP-31-5	4/24/2013	1315	-1.15	-3.34	0.0	0	0.7	20	0.3	1.6	0.0	1.6	
VMP-31-5	5/23/2013	852	-1.50	-1.11	0.0	0	0.7	19.8	0.5	1.8	0.0	1.8	
VMP-31-5	6/26/2013	1457	-0.34	-0.28	0.0	0	1.9	17.3	0.4	3.8	0.0	3.8	
VMP-31-5	7/25/2013	1315	-0.63	-0.51	0.0	0	1.8	18.9	0.5	1.9	0.0	1.9	
VMP-31-5	8/28/2013	1251	-0.84	-0.81	0.0	0	0.8	19.8	0.6	2.0	0.0	2.0	
VMP-31-5	9/26/2013	1438	-1.05	-0.95	0.0	0	0.3	20.7	0.5	1.9	0.0	1.9	
VMP-31-5	10/24/2013	1045	-1.22	-1.19	0.0	0	0.1	20.7	0.2	1.4	0.0	1.4	
VMP-31-5	11/20/2013	1535	-1.38	-0.50	0.0	0	0.2	20.6	0.3	1.2	0.0	1.2	
VMP-31-5	12/19/2013	1320	-0.72	-0.24	0.0	0	0.1	20.7	0.3	2.0	0.0	2.0	
VMP-31-5	1/31/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well tubing frozen into ice inside vault. Could not sample.
VMP-31-5	2/25/2014	1530	-5.34	-2.48	0.0	0	0.1	20.9	0.8	2.58	0.0	2.58	
VMP-31-5	3/19/2014	1127	-0.89	-1.68	0.0	0	0.1	20.7	0.9	0.65	0.0	0.65	
VMP-31-10	2/1/2012	1559	-0.40	-0.50	0.0	0	0.5	20.3	0.2	0.5	0.0	0.5	
VMP-31-10	2/2/2012	954	-0.73	-0.58	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-31-10	2/7/2012	1405	-0.40	-0.44	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-31-10	2/10/2012	907	-0.15	-0.62	0.0	0	0.3	20.8	1.0	6.8	6.1	0.7	
VMP-31-10	2/13/2012	825	-0.58	-0.55	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-31-10	2/15/2012	1628	-0.59	-0.88	0.0	0	0.3	20.6	0.5	3.8	0.0	3.8	
VMP-31-10	2/16/2012	1608	-0.40	-0.77	0.0	0	0.4	20.9	0.8	4.9	0.0	4.9	
VMP-31-10	2/17/2012	913	-0.83	-0.63	0.0	0	0.4	20.8	0.7	3.1	0.0	3.1	
VMP-31-10	2/20/2012	936	-0.14	-0.67	0.0	0	0.3	20.8	0.5	3.8	0.0	3.8	
VMP-31-10	2/21/2012	831	-0.90	-0.88	0.0	0	0.3	20.9	0.5	3.8	0.0	3.8	
VMP-31-10	2/22/2012	1001	-0.42	-0.35	0.0	0	0.5	20.7	0.4	2.3	0.0	2.3	
VMP-31-10	2/29/2012	1020	-0.35	-0.37	0.0	0	0.5	20.3	0.5	2.5	0.0	2.5	
VMP-31-10	3/21/2012	1448	-0.22	-0.17	0.0	0	0.6	20.0	0.3	0.0	0.0	0.0	
VMP-31-10	4/18/2012	1447	-0.29	-0.26	0.0	0	0.1	20.9	0.8	5.0	0.0	5.0	
VMP-31-10	5/16/2012	1052	-0.69	-0.66	0.0	0	1.9	18.7	0.4	0.0	0.0	0.0	
VMP-31-10	6/20/2012	1739	-0.27	-0.27	0.0	0	1.5	19.2	0.6	1.6	0.0	1.6	
VMP-31-10	7/18/2012	1509	-0.37	-0.32	0.0	0	0.7	19.9	1.0	6.6	3.3	3.3	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-31-10	8/15/2012	1508	-0.38	-0.46	0.0	0	1.0	19.5	1.0	4.5	0.0	4.5	
VMP-31-10	9/19/2012	1324	-0.59	-0.68	0.0	0	0.9	19.9	0.9	3.4	0.0	3.4	
VMP-31-10	10/17/2012	905	-0.65	-0.68	0.0	0	1.0	19.5	0.3	0.9	0.0	0.9	
VMP-31-10	11/20/2012	1352	-0.41	-0.44	0.0	0	0.6	20.0	0.5	1.5	0.0	1.5	
VMP-31-10	12/19/2012	1145	-0.47	-0.08	0.0	0	0.2	20.6	0.2	0.7	0.0	0.7	
VMP-31-10	1/16/2013	1535	-0.38	-0.90	0.0	0	0.2	20.7	0.1	2.6	0.0	2.6	
VMP-31-10	2/25/2013	1420	-0.17	-0.27	0.0	0	0.2	20.7	0.2	0.7	0.0	0.7	
VMP-31-10	3/21/2013	1002	-1.32	-1.35	0.0	0	0.1	20.8	0.2	1.3	0.0	1.3	
VMP-31-10	4/24/2013	1320	-1.33	-1.70	0.0	0	1.0	19.5	0.3	0.9	0.0	0.9	
VMP-31-10	5/23/2013	853	-2.00	-1.45	0.0	0	0.9	19.6	0.5	1.8	0.0	1.8	
VMP-31-10	6/26/2013	1501	-0.45	-0.38	0.0	0	2.0	17.3	0.4	3.4	0.0	3.4	
VMP-31-10	7/25/2013	1355	-0.97	-0.93	0.0	0	2.3	18.2	0.5	2.3	0.0	2.3	
VMP-31-10	8/28/2013	1253	-1.31	-1.26	0.0	0	1.1	19.5	0.7	1.7	0.0	1.7	
VMP-31-10	9/26/2013	1438	-1.59	-1.54	0.0	0	0.5	20.6	0.5	2.1	0.0	2.1	
VMP-31-10	10/24/2013	1049	-1.76	-1.77	0.0	0	0.1	20.6	0.2	1.6	0.0	1.6	
VMP-31-10	11/20/2013	1540	-2.08	-0.80	0.0	0	0.2	20.6	0.4	0.2	0.0	0.2	
VMP-31-10	12/19/2013	1324	-0.90	-0.92	0.0	0	0.1	20.7	0.3	1.5	0.0	1.5	
VMP-31-10	1/31/2014	0930	-1.66	-1.67	0.0	0	0.1	20.9	0.3	5.23	3.7	1.49	
VMP-31-10	2/25/2014	1535	-1.50	-0.48	0.0	0	0.1	20.9	0.8	2.74	0.0	2.74	
VMP-31-10	3/19/2014	1132	-1.44	-1.39	0.0	0	0.1	20.8	1.0	0.74	0.0	0.74	
VMP-31-20	2/1/2012	1605	-0.14	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/2/2012	1000	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/7/2012	1358	-0.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/10/2012	908	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/13/2012	826	-0.78	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/15/2012	1627	0.03	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/16/2012	1609	-3.84	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/17/2012	914	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/20/2012	937	-1.07	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/21/2012	832	1.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/22/2012	1001	-0.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	2/29/2012	1021	0.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	4/18/2012	1445	0.13	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	5/16/2012	1056	-0.07	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	6/20/2012	1740	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	7/18/2012	1510	-0.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-31-20	8/15/2012	1511	-0.74	-0.88	0.8	17	6.1	14.3	252	1000	91.6	908	
VMP-31-20	9/19/2012	1325	-2.20	-1.21	2.5	50	6.8	11.0	343	1780	250	1530	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-31-20	10/17/2012	906	-1.03	-0.75	5.8	OVR	10.1	6.2	441	2300	341	1959	
VMP-31-20	11/20/2012	1356	-0.75	-0.79	2.3	46	8.6	8.1	383	1960	230	1730	
VMP-31-20	12/19/2012	1150	-0.77	-0.23	0.6	12	7.2	12.1	210	1350	180	1170	
VMP-31-20	1/16/2013	1545	-1.16	-0.66	0.2	4	6.7	12.4	90.6	765	115	650	
VMP-31-20	2/25/2013	1425	-0.18	-0.15	0.0	0	0.1	20.7	2.0	13.9	1.3	12.6	
VMP-31-20	3/21/2013	1006	-0.70	-0.81	0.0	0	1.4	19.3	8.0	22.7	13.2	9.5	
VMP-31-20	4/24/2013	1325	-1.05	-0.95	0.0	0	0.2	20.7	0.6	2.7	0.0	2.7	
VMP-31-20	5/23/2013	854	-0.66	-0.67	0.0	0	0.2	20.5	0.4	2.5	0.0	2.5	
VMP-31-20	6/26/2013	1505	-0.19	-0.17	0.0	0	0.7	19.3	0.4	4.0	0.0	4.0	
VMP-31-20	7/25/2013	1359	-0.35	-0.31	0.0	0	0.4	20.3	0.4	1.9	0.0	1.9	
VMP-31-20	8/28/2013	1255	-0.65	-0.46	0.0	0	0.1	20.7	0.8	3.5	0.0	3.5	
VMP-31-20	9/26/2013	1439	-1.08	-1.79	0.0	0	0.1	20.9	4.2	16.4	4.0	12.4	
VMP-31-20	10/24/2013	1053	-1.26	-1.25	0.0	0	0.0	20.7	1.0	3.9	0.0	3.9	
VMP-31-20	11/20/2013	1545	-1.66	-0.49	0.0	0	0.1	20.8	1.2	1.5	0.0	1.5	
VMP-31-20	12/19/2013	1328	-0.68	-0.66	0.0	0	0.1	20.7	0.4	2.9	0.0	2.9	
VMP-31-20	1/31/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well tubing frozen into ice inside vault. Could not sample.
VMP-31-20	2/25/2014	1540	-0.72	-0.17	0.0	0	0.0	20.9	0.8	2.88	0.0	2.88	
VMP-31-20	3/19/2014	1136	-0.64	-0.63	0.0	0	0.0	20.8	1.0	0.83	0.0	0.83	
VMP-31-30	2/1/2012	1605	-1.39	-0.72	OVR	OVR	6.0	0.9	81.1	1000000	742000	258000	
VMP-31-30	2/2/2012	1004	-1.30	-0.97	OVR	OVR	5.8	1.8	75.0	1000000	860000	140000	
VMP-31-30	2/7/2012	1410	-0.67	-0.72	OVR	OVR	6.3	2.7	79.2	1000000	1000000	0.0	
VMP-31-30	2/10/2012	909	-0.26	-1.10	OVR	OVR	5.9	5.0	81.4	897000	285000	612000	
VMP-31-30	2/13/2012	827	-1.06	-1.00	OVR	OVR	8.2	1.8	96.0	428000	169000	259000	
VMP-31-30	2/15/2012	1629	-0.97	-1.02	OVR	OVR	8.8	2.3	101	1000000	226000	774000	
VMP-31-30	2/16/2012	1610	-1.37	-1.29	OVR	OVR	8.5	2.6	121	371000	161000	210000	
VMP-31-30	2/17/2012	915	-1.19	1.02	OVR	OVR	9.8	2.1	125	245000	93200	151800	
VMP-31-30	2/20/2012	938	-0.26	-1.18	OVR	OVR	9.6	1.6	148	167000	85300	81700	
VMP-31-30	2/21/2012	833	-1.57	-1.60	OVR	OVR	9.4	1.4	158	310000	136000	174000	
VMP-31-30	2/22/2012	1002	-0.71	-0.61	OVR	OVR	9.6	1.9	130	151000	82750	68250	
VMP-31-30	2/29/2012	1022	-0.53	-0.67	OVR	OVR	10.4	1.3	189	67900	33590	34310	
VMP-31-30	3/21/2012	1448	-0.33	-0.30	OVR	OVR	10.6	0.6	199	93400	46800	46600	
VMP-31-30	4/18/2012	1449	-0.59	-0.52	7.1	OVR	10.3	1.8	114	11300	7800	3500	
VMP-31-30	5/16/2012	1056	-1.32	-1.28	0.8	17	10.6	4.1	40.0	2990	2900	90.0	
VMP-31-30	6/20/2012	1744	-0.58	-0.56	0.3	6	4.5	15.0	28.3	645	42.0	603	
VMP-31-30	7/18/2012	1511	-0.84	-0.77	0.1	3	8.5	7.7	19.0	565	563	2.0	
VMP-31-30	8/15/2012	1515	-0.83	-0.98	0.0	0	7.9	10.9	12.3	215	164	51.0	
VMP-31-30	9/19/2012	1326	-1.40	-1.39	0.0	0	8.8	10.0	10.3	86.4	56.4	30.0	
VMP-31-30	10/17/2012	906	-1.24	-3.58	0.2	5	3.4	17.6	25.7	286	28.8	257	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-31-30	11/20/2012	1400	-0.90	-0.96	0.1	3	8.2	12.2	54.0	137	12.9	124	
VMP-31-30	12/19/2012	1155	-0.85	-0.51	2.3	26	11.0	8.0	86.0	5600	4250	1350	
VMP-31-30	1/16/2013	1245	-2.60	-2.18	OVR	OVR	12.8	3.0	290	72000	25300	46700	
VMP-31-30	2/25/2013	1430	-0.41	-0.44	OVR	OVR	15.3	0.6	266	34700	7600	27100	
VMP-31-30	3/21/2013	1010	-2.19	-2.14	OVR	OVR	13.6	1.6	266	49800	16100	33700	
VMP-31-30	4/24/2013	1330	-2.40	-2.22	42.6	OVR	12.7	3.3	365	12600	5300	7300	
VMP-31-30	5/23/2013	855	-2.94	-2.62	OVR	OVR	13.1	1.1	266	26900	22100	4800	
VMP-31-30	6/26/2013	1509	-0.73	-0.59	OVR	OVR	10.3	1.1	220	305000	71200	233800	
VMP-31-30	7/25/2013	1403	-1.67	-1.61	0.0	0	8.1	11.0	7.8	135	36.0	99.0	
VMP-31-30	8/28/2013	1258	-2.40	-2.39	0.0	0	8.6	9.4	26.4	280	175	105	
VMP-31-30	9/26/2013	1439	-3.32	-3.21	0.0	0	7.3	11.6	2.0	21.6	17.0	4.6	
VMP-31-30	10/24/2013	1057	-3.60	-3.60	0.2	4	8.8	9.6	31.0	281	35.0	246	
VMP-31-30	11/20/2013	1550	-4.08	-1.38	21.7	OVR	9.5	7.1	446	6860	642	6218	Resampled due to elevated readings.
VMP-31-30	11/21/2013	1218	-4.08	NM	2.9	59	10.8	6.2	215	2150	93.0	2057	Resample.
VMP-31-30	12/19/2013	1332	-1.63	-1.76	0.2	4	6.3	15.5	21.0	223	15.2	208	
VMP-31-30	1/31/2014	0938	-3.60	-3.43	OVR	OVR	10.8	3.7	222	132000	51600.0	80400	Resampled due to elevated readings.
VMP-31-30	2/25/2014	1545	-2.74	-0.77	OVR	OVR	11.5	3.0	227	107000	44600.0	62400	
VMP-31-30	3/19/2014	1141	-2.89	-2.75	OVR	OVR	9.7	3.2	242	101000	47000.0	54000	
VMP-32-5	2/1/2012	1513	-0.27	-0.05	0.0	0	0.2	20.8	0.3	3.1	0.0	3.1	
VMP-32-5	2/2/2012	918	-0.06	-0.04	0.0	0	0.1	20.9	0.3	2.3	0.0	2.3	
VMP-32-5	2/7/2012	842	-0.07	-0.05	0.0	0	0.2	20.8	0.1	1.2	0.0	1.2	
VMP-32-5	2/15/2012	1029	-0.05	-0.04	0.0	0	0.1	20.9	0.3	0.0	0.0	0.0	
VMP-32-5	2/22/2012	1102	-0.04	-0.01	0.0	0	0.3	20.9	1.0	8.2	3.7	4.5	
VMP-32-5	2/29/2012	1058	0.00	0.00	0.0	0	0.2	20.8	0.6	3.3	0.0	3.3	
VMP-32-5	3/21/2012	1322	0.00	0.00	0.0	0	0.2	20.6	0.4	0.0	0.0	0.0	
VMP-32-5	4/18/2012	1139	-0.04	0.00	0.0	0	0.1	20.7	0.8	2.1	0.0	2.1	
VMP-32-5	5/16/2012	1102	-0.04	-0.04	0.0	0	0.3	20.6	0.3	0.2	0.0	0.2	
VMP-32-5	6/20/2012	1508	0.00	-0.01	0.0	0	2.2	18.7	0.4	21.3	9.6	11.7	
VMP-32-5	7/18/2012	1428	-0.04	-0.03	0.0	0	0.9	19.7	1.2	9.0	4.7	4.3	
VMP-32-5	8/15/2012	1555	-0.03	-0.03	0.0	0	1.8	18.9	0.7	4.7	0.0	4.7	
VMP-32-5	9/19/2012	1407	-0.04	-0.04	0.0	0	1.1	19.8	0.6	3.6	0.0	3.6	
VMP-32-5	10/17/2012	920	-0.03	-0.03	0.0	0	1.0	18.5	0.3	0.5	0.0	0.5	
VMP-32-5	11/20/2012	1328	-0.03	-0.02	0.0	0	0.3	20.3	0.3	1.1	0.0	1.1	
VMP-32-5	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Construction equipment parked on well. Could not access.
VMP-32-5	1/16/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well. Could not access.
VMP-32-5	2/25/2013	1450	0.00	-0.02	0.0	0	0.2	20.6	0.2	0.9	0.0	0.9	
VMP-32-5	3/21/2013	940	-0.03	-0.01	0.0	0	0.2	20.7	0.3	1.9	0.0	1.9	
VMP-32-5	4/25/2013	1023	0.00	0.00	0.0	0	0.5	20.3	0.5	1.0	0.0	1.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-32-5	5/23/2013	1424	-0.07	-0.07	0.0	0	1.2	20.2	0.3	0.6	0.0	0.6	
VMP-32-5	6/26/2013	1424	0.00	0.00	0.0	0	1.7	18.4	0.3	1.2	0.0	1.2	
VMP-32-5	7/26/2013	0908	0.00	0.00	0.0	0	0.1	20.8	0.4	2.6	0.0	2.6	
VMP-32-5	8/29/2013	1306	0.00	-0.03	0.0	0	1.6	19.3	0.4	3.1	0.0	3.1	
VMP-32-5	9/26/2013	1128	0.00	0.00	0.0	0	1.3	20.3	0.4	1.0	0.0	1.0	
VMP-32-5	10/24/2013	1013	0.00	0.00	0.0	0	0.6	20.3	0.2	2.1	0.0	2.1	
VMP-32-5	11/21/2013	1100	0.00	0.03	0.0	0	0.5	19.2	0.2	0.6	0.0	0.6	
VMP-32-5	12/19/2013	1354	0.00	0.00	0.0	0	0.3	20.5	0.2	1.4	0.0	1.4	
VMP-32-5	1/31/2014	0838	0.00	0.00	0.0	0	0.2	20.8	0.4	2.37	0.0	2.37	
VMP-32-5	2/25/2014	1452	0.00	0.00	0.0	0	0.2	20.9	0.7	1.63	0.0	1.63	
VMP-32-5	3/19/2014	1451	-0.03	0.00	0.0	0	0.2	20.6	1.1	2.77	0.0	2.77	
VMP-32-5	4/24/2014	0912	0.00	0.00	0.0	0	0.4	20.6	0.5	0.98	0.0	0.98	
VMP-32-5	5/22/2014	1450	-0.03	-0.03	0.0	0	0.6	20.4	0.9	1.89	0.0	1.89	
VMP-32-5	6/18/2014	1029	0.00	-0.06	0.0	0	0.8	20.4	0.8	1.66	0.0	1.66	
VMP-32-5	7/24/2014	1401	0.00	0.00	0.0	0	1.3	20.0	1.3	1.41	0.0	1.41	
VMP-32-5	8/21/2014	1245	-0.38	-0.05	0.0	0	1.7	19.3	3.0	0.99	0.0	0.99	
VMP-32-5	9/18/2014	1125	-0.10	0.00	0.0	0	1.0	19.9	2.2	2.21	0.0	2.21	
VMP-32-5	10/22/2014	1112	-0.03	-0.03	0.0	0	0.6	20.5	1.0	0.52	0.0	0.52	
VMP-32-5	11/20/2014	1014	-0.09	0.00	0.0	0	0.2	20.8	1.2	1.18	0.0	1.18	
VMP-32-5	12/18/2014	1511	0.00	0.00	0.0	0	1.7	19.5	1.2	1.71	0.0	1.71	
VMP-32-5	1/29/2015	0956	-0.12	-0.10	0.0	0	0.1	20.9	0.5	1.3	0.0	1.3	
VMP-32-5	2/26/2015	1355	0.00	-0.10	0.0	0	0.1	20.9	0.3	2.1	0.0	2.1	
VMP-32-5	3/27/2015	0839	-0.09	0.00	0.0	0	0.1	20.9	0.8	1.6	0.0	1.6	
VMP-32-5	4/23/2015	1300	-0.12	-1.20	0.0	0	0.2	20.9	1.0	2.4	0.0	2.4	
VMP-32-5	5/21/2015	1457	0.00	0.00	0.0	0	0.1	20.8	0.4	2.8	0.0	2.8	
VMP-32-5	6/17/2015	1509	0.00	0.00	0.0	0	0.4	20.5	0.5	1.2	0.0	1.2	
VMP-32-5	7/23/2015	1440	0.00	0.00	0.0	0	0.2	20.7	0.4	1.9	0.0	1.9	
VMP-32-5	8/20/2015	1526	0.00	-0.47	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-32-5	9/17/2015	1510	0.00	0.0	0.0	0	0.0	20.9	0.2	0.4	0.0	0.4	
VMP-32-5	10/22/2015	1114	0.00	0.00	0.0	0	0.0	20.9	0.4	0.9	0.0	0.9	
VMP-32-5	11/24/2015	1000	-0.35	-0.17	0.0	0	0.5	20.6	0.2	0	0.0	0.0	
VMP-32-5	12/17/2015	1427	0.00	-0.16	0.0	0	0.4	20.6	0.0	0	0.0	0.0	
VMP-32-5	1/22/2016	1005	-0.22	-0.17	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-32-5	2/18/2016	1027	0.00	-0.25	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	
VMP-32-5	3/24/2016	0935	-0.34	-0.18	0.0	0	0.3	20.5	0.4	0.0	0.0	0.0	SVE system shut down at 0939.
VMP-32-5	4/20/2016	1435	0.00	-0.09	0.0	0	0.7	19.9	0.2	0.0	0.0	0.0	
VMP-32-5	5/19/2016	1420	-0.26	-0.28	0.0	0	0.8	20.0	0.4	0.0	0.0	0.0	
VMP-32-5	6/22/2016	1350	-0.13	0.00	0.0	0	1.7	19.1	0.5	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-32-5	7/22/2016	0856	0.00	0.00	0.0	0	2.5	18.1	0.8	0.8	0.0	0.8	
VMP-32-5	8/25/2016	1115	-0.14	-0.17	0.0	0	2.1	19.0	0.9	0.0	0.0	0.0	
VMP-32-5	9/22/2016	1319	0.00	-0.09	0.0	0	1.9	18.8	0.4	0.0	0.0	0.0	
VMP-32-5	10/21/2016	1308	-0.13	-0.12	0.0	0	1.8	19.0	0.0	0.0	0.0	0.0	
VMP-32-5-Dup	10/21/2016	1308	NM	NM	0.0	0	2.1	18.7	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-32-5	11/17/2016	1102	0.00	0.00	0.0	0	1.3	19.8	0.2	0.0	0.0	0.0	
VMP-32-5	12/22/2016	1418	0.00	0.00	0.0	0	0.9	20.1	0.1	0.0	0.0	0.0	
VMP-32-10	2/1/2012	1519	-0.11	-0.10	0.0	0	2.8	18.2	0.3	0.4	0.0	0.4	
VMP-32-10	2/2/2012	923	-0.10	-0.25	0.0	0	2.4	18.9	0.2	0.0	0.0	0.0	
VMP-32-10	2/7/2012	843	-0.16	-0.12	0.0	0	2.5	18.8	0.2	0.0	0.0	0.0	
VMP-32-10	2/15/2012	1030	-0.12	-0.10	0.0	0	2.2	18.8	0.3	0.0	0.0	0.0	
VMP-32-10	2/22/2012	1102	-0.07	-0.62	0.0	0	2.3	19.1	1.3	7.7	0.0	7.7	
VMP-32-10	2/29/2012	1059	-0.08	0.00	0.0	0	2.1	18.8	0.6	2.6	0.0	2.6	
VMP-32-10	3/21/2012	1323	-0.04	-0.03	0.0	0	2.0	18.5	0.2	0.0	0.0	0.0	
VMP-32-10	4/18/2012	1140	-0.09	-0.06	0.0	0	2.2	18.0	0.5	2.2	0.0	2.2	
VMP-32-10	5/16/2012	1109	-0.10	-0.07	0.0	0	2.9	17.2	0.5	0.0	0.0	0.0	
VMP-32-10	6/20/2012	1509	-0.01	-0.02	0.0	0	3.6	16.2	1.0	4.6	0.0	4.6	
VMP-32-10	7/18/2012	1429	-0.07	-0.05	0.0	0	3.2	17.1	0.6	2.7	0.0	2.7	
VMP-32-10	8/15/2012	1550	-0.08	-0.06	0.0	0	3.5	17.5	0.9	4.2	0.0	4.2	
VMP-32-10	9/19/2012	1408	-0.07	-0.10	0.0	0	3.4	17.2	1.1	4.2	0.0	4.2	
VMP-32-10	10/17/2012	921	-0.05	0.00	0.0	0	3.4	17.4	0.4	0.4	0.0	0.4	
VMP-32-10	11/20/2012	1333	-0.05	-0.04	0.0	0	2.4	18.4	0.3	0.5	0.0	0.5	
VMP-32-10	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Construction equipment parked on well. Could not access.
VMP-32-10	1/16/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well. Could not access.
VMP-32-10	2/25/2013	1455	0.00	0.00	0.0	0	2.2	18.2	0.2	0.7	0.0	0.7	
VMP-32-10	3/21/2013	944	-0.08	-0.05	0.0	0	2.2	18.5	0.2	0.8	0.0	0.8	
VMP-32-10	4/25/2013	1028	0.00	0.00	0.0	0	2.4	17.9	0.4	0.5	0.0	0.5	
VMP-32-10	5/23/2013	1425	-0.13	-0.14	0.0	0	3.0	17.2	0.3	0.8	0.0	0.8	
VMP-32-10	6/26/2013	1429	0.00	0.00	0.0	0	3.7	15.7	0.4	0.4	0.0	0.4	
VMP-32-10	7/26/2013	0912	-0.04	0.00	0.0	0	4.8	15.2	0.4	0.3	0.0	0.3	
VMP-32-10	8/29/2013	1307	0.00	-0.05	0.0	0	4.7	15.8	0.5	1.8	0.0	1.8	
VMP-32-10	9/26/2013	1129	-0.04	-0.06	0.0	0	5.0	16.4	0.4	0.5	0.0	0.5	
VMP-32-10	10/24/2013	1017	-0.08	-0.08	0.0	0	3.5	17.6	0.3	1.1	0.0	1.1	
VMP-32-10	11/21/2013	1104	-0.12	0.00	0.0	0	2.5	17.4	0.3	0.2	0.0	0.2	
VMP-32-10	12/19/2013	1358	0.00	0.00	0.0	0	2.7	18.3	0.2	0.7	0.0	0.7	
VMP-32-10	1/31/2014	0839	-0.10	0.05	0.0	0	2.1	19.3	0.5	0.55	0.0	0.55	
VMP-32-10	2/25/2014	1457	0.00	0.00	0.0	0	1.7	19.6	0.8	1.29	0.0	1.29	
VMP-32-10	3/19/2014	1457	-0.06	-0.08	0.0	0	1.6	19.5	1.1	1.86	0.0	1.86	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-32-10	4/24/2014	0916	-0.11	0.00	0.0	0	1.6	19.3	1.3	0.93	0.0	0.93	
VMP-32-10	5/22/2014	1450	-0.07	-0.08	0.0	0	2.0	18.9	0.6	0.68	0.0	0.68	
VMP-32-10	6/18/2014	1029	-0.11	-0.10	0.0	0	2.7	18.2	1.3	1.02	0.0	1.02	
VMP-32-10	7/24/2014	1406	0.00	-0.08	0.0	0	3.8	17.4	1.4	0.68	0.0	0.68	
VMP-32-10	8/21/2014	1250	-0.04	-0.06	0.0	0	3.8	16.8	2.3	1.58	0.0	1.58	
VMP-32-10	9/18/2014	1126	-0.40	0.00	0.0	0	4.1	17.0	4.6	4.59	0.0	4.59	
VMP-32-10	10/22/2014	1112	-0.60	-0.08	0.0	0	3.3	18.2	1.2	0.23	0.0	0.23	
VMP-32-10	11/20/2014	1014	-0.90	-0.33	0.0	0	1.8	19.5	1.3	0.7	0.0	0.7	
VMP-32-10	12/18/2014	1516	-0.41	-0.09	0.0	0	1.2	19.9	1.0	0.96	0.0	0.96	
VMP-32-10	1/29/2015	1000	-0.10	-0.11	0.0	0	0.7	20.4	0.7	0.6	0.0	0.6	
VMP-32-10	2/26/2015	1400	-0.09	-0.10	0.0	0	0.7	20.5	0.4	0.8	0.0	0.8	
VMP-32-10	3/27/2015	0839	0.00	0.00	0.0	0	0.3	20.9	0.8	1.4	0.0	1.4	
VMP-32-10	4/23/2015	1305	-0.43	0.00	0.0	0	0.3	20.7	1.2	2.7	0.0	2.7	
VMP-32-10	5/21/2015	1501	-0.14	-0.12	0.0	0	0.9	20.0	0.4	1.7	0.0	1.7	
VMP-32-10	6/17/2015	1513	-0.25	-0.16	0.0	0	1.5	19.5	0.3	0.0	0.0	0.0	
VMP-32-10	7/23/2015	1445	0.00	0.00	0.0	0	1.7	19.4	0.4	0.5	0.0	0.5	
VMP-32-10	8/20/2015	1534	-0.54	0.00	0.0	0	1.7	19.4	0.0	0.0	0.0	0.0	
VMP-32-10	9/17/2015	1515	0.00	0.0	0.0	0	1.1	20.0	0.2	0.0	0.0	0.0	
VMP-32-10	10/22/2015	1119	0.00	0.00	0.0	0	0.7	20.1	0.7	0.2	0.0	0.2	
VMP-32-10	11/24/2015	1005	-0.35	-0.27	0.0	0	0.9	20.3	0.1	0	0.0	0.0	
VMP-32-10	12/17/2015	1428	0.00	0.00	0.0	0	0.6	20.5	0.0	0	0.0	0.0	
VMP-32-10	1/22/2016	1010	-0.18	-0.17	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-32-10	2/18/2016	1032	-0.25	-0.19	0.0	0	0.4	20.7	0.4	0.0	0.0	0.0	
VMP-32-10	3/24/2016	0940	-0.46	-0.16	0.0	0	0.4	20.4	0.4	0.0	0.0	0.0	SVE system shut down at 0939.
VMP-32-10	4/20/2016	1440	-0.04	-0.11	0.0	0	0.7	20.1	0.1	0.0	0.0	0.0	
VMP-32-10	5/19/2016	1425	-0.37	-0.39	0.0	0	0.7	20.2	0.8	0.0	0.0	0.0	
VMP-32-10	6/22/2016	1355	-0.15	0.00	0.0	0	1.4	19.2	0.3	0.0	0.0	0.0	
VMP-32-10	7/22/2016	0857	0.00	0.00	0.0	0	2.2	18.4	0.2	0.0	0.0	0.0	
VMP-32-10	8/25/2016	1116	-0.20	-0.24	0.0	0	2.1	18.8	0.2	0.0	0.0	0.0	
VMP-32-10	9/22/2016	1320	0.00	-0.11	0.0	0	2.0	18.7	0.2	0.0	0.0	0.0	
VMP-32-10	10/21/2016	1311	-0.20	-0.19	0.0	0	2.0	19.0	0.0	0.0	0.0	0.0	
VMP-32-10	11/17/2016	1103	0.00	0.00	0.0	0	1.4	19.5	0.1	0.0	0.0	0.0	
VMP-32-10	12/22/2016	1420	-0.12	-0.11	0.0	0	1.1	19.9	0.2	0.0	0.0	0.0	
VMP-32-20	2/1/2012	1523	-0.03	-0.57	0.8	16	4.4	16.0	55.5	1280	921	359	
VMP-32-20	2/2/2012	929	-0.75	-0.61	0.0	0	3.5	17.3	0.8	5.4	2.0	3.4	
VMP-32-20	2/7/2012	844	-0.70	-0.53	0.0	0	3.9	17.3	0.3	2.3	0.0	2.3	
VMP-32-20	2/15/2012	1031	-0.83	-0.64	0.0	0	3.7	17.2	0.5	11.3	8.5	2.8	
VMP-32-20	2/22/2012	1103	-0.28	-0.20	0.1	2	3.9	16.8	16.8	522	413	109	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-32-20	2/29/2012	1100	-0.48	-0.26	0.5	10	4.2	16.1	108	788	12.8	775	
VMP-32-20	3/21/2012	840	-0.32	-0.11	0.0	0	3.4	16.5	15.6	603	476	128	
VMP-32-20	4/18/2012	1141	-0.44	-0.24	0.0	0	3.4	16.4	0.5	2.8	0.0	2.8	
VMP-32-20	5/16/2012	1113	-0.74	-0.68	0.0	0	4.2	15.4	0.4	0.0	0.0	0.0	
VMP-32-20	6/20/2012	1510	-0.15	-0.18	0.0	0	4.2	15.2	1.5	23.9	21.2	2.7	
VMP-32-20	7/18/2012	1430	-0.35	-0.38	0.0	0	4.6	15.1	0.8	18.0	3.9	14.1	
VMP-32-20	8/15/2012	1559	-0.40	-0.42	0.0	0	5.0	15.9	1.0	3.5	0.0	3.5	
VMP-32-20	9/19/2012	1409	-0.56	-0.64	0.0	0	5.1	15.2	1.1	3.0	0.0	3.0	
VMP-32-20	10/17/2012	922	-0.54	-0.44	0.0	0	4.8	16.2	0.4	0.6	0.0	0.6	
VMP-32-20	11/20/2012	1338	-0.41	-0.42	0.0	0	4.2	17.0	0.4	0.4	0.0	0.4	
VMP-32-20	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Construction equipment parked on well. Could not access.
VMP-32-20	1/16/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well. Could not access.
VMP-32-20	2/25/2013	1500	-0.15	-0.11	0.0	0	3.7	16.5	0.3	0.7	0.0	0.7	
VMP-32-20	3/21/2013	948	-1.11	-1.03	0.0	0	3.6	16.5	0.3	0.4	0.0	0.4	
VMP-32-20	4/25/2013	1033	-0.30	-0.26	0.0	0	4.0	15.7	0.5	0.4	0.0	0.4	
VMP-32-20	5/23/2013	1426	-1.43	-1.48	0.0	0	4.5	15.7	0.4	0.1	0.0	0.1	
VMP-32-20	6/26/2013	1433	-0.29	-0.22	0.0	0	4.8	14.3	0.4	0.6	0.0	0.6	
VMP-32-20	7/26/2013	0916	-0.80	-0.71	0.0	0	5.8	13.6	0.4	0.5	0.0	0.5	
VMP-32-20	8/29/2013	1308	-0.34	-0.37	0.0	0	2.6	17.8	0.6	3.4	0.0	3.4	
VMP-32-20	9/26/2013	1129	-1.30	-1.01	0.0	0	4.4	16.8	0.5	1.1	0.0	1.1	
VMP-32-20	10/24/2013	1021	-1.60	-1.69	0.0	0	4.6	16.5	0.3	1.0	0.0	1.0	
VMP-32-20	11/21/2013	1108	-2.36	-1.75	0.0	0	4.4	15.9	0.4	0.2	0.0	0.2	
VMP-32-20	12/19/2013	1402	-0.62	-0.70	0.0	0	4.0	17.5	0.3	1.0	0.0	1.0	
VMP-32-20	1/31/2014	0840	-1.91	-1.80	0.0	0	3.5	18.1	0.6	0.77	0.0	0.77	
VMP-32-20	2/25/2014	1502	-1.22	-0.55	0.0	0	3.6	18.4	0.8	0.68	0.0	0.68	
VMP-32-20	3/19/2014	1502	-1.14	-1.16	0.0	0	3.0	17.8	1.1	1.58	0.0	1.58	
VMP-32-20	4/24/2014	0920	-1.00	-0.56	0.0	0	1.3	19.5	0.7	1.37	0.0	1.37	
VMP-32-20	5/22/2014	1450	-1.30	-0.75	0.0	0	1.8	19.0	1.2	1.37	0.0	1.37	
VMP-32-20	6/18/2014	1030	-0.67	-1.73	0.0	0	1.7	19.0	1.1	0.98	0.0	0.98	
VMP-32-20	7/24/2014	1411	-1.54	-1.63	0.0	0	4.7	16.2	1.2	0.71	0.0	0.71	
VMP-32-20	8/21/2014	1255	-2.11	-2.01	0.0	0	5.2	15.4	2.2	0.33	0.0	0.33	
VMP-32-20	9/18/2014	1127	-0.92	-1.19	0.0	0	6.0	15.1	1.5	0.78	0.0	0.78	
VMP-32-20	10/23/2014	1112	-2.31	-2.26	0.0	0	5.7	15.8	1.5	0.51	0.0	0.51	
VMP-32-20	11/20/2014	1014	-2.94	-2.48	0.0	0	2.8	18.7	1.2	0.75	0.0	0.75	
VMP-32-20	12/18/2014	1520	-1.18	-1.12	0.0	0	1.5	19.6	1.2	2.09	0.0	2.09	
VMP-32-20	1/29/2015	1004	-1.62	-1.51	0.0	0	0.1	20.8	0.6	1.1	0.0	1.1	
VMP-32-20	2/26/2015	1405	-1.33	-1.39	0.0	0	0.7	20.5	1.2	1.5	0.0	1.5	
VMP-32-20-Dup	2/26/2015	1405	NM	NM	0.0	0	0.7	20.6	0.9	1.4	0.0	1.4	Duplicate sample.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-32-20	3/27/2015	0840	-0.60	-0.59	0.0	0	0.4	20.6	0.6	1.2	0.0	1.2	
VMP-32-20	4/23/2015	1310	-1.02	-0.48	0.0	0	0.2	20.9	1.0	2.5	0.0	2.5	
VMP-32-20	5/21/2015	1505	-1.47	-1.44	0.0	0	0.6	20.4	0.3	1.6	0.0	1.6	
VMP-32-20	6/17/2015	1517	-1.23	-1.01	0.0	0	0.4	20.6	0.9	1.5	0.0	1.5	
VMP-32-20	7/23/2015	1450	-0.84	-0.55	0.0	0	0.3	20.5	0.6	0.0	0.0	0.0	
VMP-32-20	8/20/2015	1536	-0.78	-0.71	0.0	0	0.2	20.7	0.1	0.2	0.0	0.2	
VMP-32-20	9/17/2015	1520	-0.82	-0.71	0.0	0	0.2	20.7	0.4	0.4	0.0	0.4	
VMP-32-20	10/22/2015	1124	-0.92	-1.06	0.0	0	0.1	20.8	0.5	0.9	0.0	0.9	
VMP-32-20	11/24/2015	1010	-1.28	-1.02	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-32-20	12/17/2015	1429	0.00	0.00	0.0	0	0.4	20.6	0.0	0	0.0	0.0	
VMP-32-20	1/22/2016	1015	-3.99	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-32-20	2/18/2016	1037	-1.06	-0.93	0.0	0	0.0	20.9	0.3	0.1	0.0	0.1	
VMP-32-20	3/24/2016	0945	-0.78	-0.37	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	SVE system shut down at 0939.
VMP-32-20	4/20/2016	1445	-0.02	-0.09	0.0	0	0.5	20.2	0.0	0.0	0.0	0.0	
VMP-32-20	5/19/2016	1430	-0.77	-0.79	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-32-20	6/22/2016	1400	-0.31	-0.19	0.0	0	0.2	20.6	0.3	0.0	0.0	0.0	
VMP-32-20	7/22/2016	0857	0.00	0.00	0.0	0	0.4	20.4	0.2	0.0	0.0	0.0	
VMP-32-20	8/25/2016	1117	-0.52	-0.59	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-32-20	9/22/2016	1321	-0.24	-0.30	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-32-20	10/21/2016	1315	-0.32	-0.29	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-32-20	11/17/2016	1104	-0.18	-0.16	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-32-20	12/22/2016	1423	-0.28	-0.27	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-32-30	2/1/2012	1526	-0.40	-0.38	OVR	OVR	10.8	0.8	528	55500	17600	37900	
VMP-32-30	2/2/2012	934	-0.82	-0.63	OVR	OVR	10.8	1.1	493	43800	13500	30300	
VMP-32-30	2/7/2012	845	-0.71	-0.56	OVR	OVR	10.9	1.2	436	81000	19200	61800	
VMP-32-30	2/15/2012	1032	-0.74	-0.58	OVR	OVR	10.0	1.9	450	32600	10700	21900	
VMP-32-30	2/22/2012	1103	-0.30	-0.22	OVR	OVR	10.3	1.6	489	36700	10440	26260	
VMP-32-30	2/29/2012	1101	-0.53	-0.36	OVR	OVR	10.2	1.4	526	29600	7770	21830	
VMP-32-30	3/21/2012	1324	-0.26	-0.05	OVR	OVR	10.6	0.5	499	37400	11700	25700	
VMP-32-30	4/18/2012	1142	-0.47	-0.26	84.5	OVR	9.3	1.8	444	26000	8150	17850	
VMP-32-30	5/16/2012	1117	-0.84	-0.76	67.9	OVR	9.4	2.2	480	20500	7100	13400	
VMP-32-30	6/20/2012	1511	-0.16	-0.22	13.0	OVR	10.7	0.5	265	5950	2640	3310	
VMP-32-30	7/18/2012	1431	-0.39	-0.42	21.8	OVR	8.9	3.8	388	9320	3150	6170	
VMP-32-30	8/15/2012	1604	-0.45	-0.48	9.5	OVR	11.3	1.5	325	4700	2400	2300	
VMP-32-30	9/19/2012	1410	-0.64	-0.75	7.1	OVR	11.6	1.7	357	3500	2300	1200	
VMP-32-30	10/17/2012	923	-0.62	-0.54	0.1	3	9.8	6.5	17.1	1400	540	860	
VMP-32-30	11/20/2012	1343	-0.92	-0.51	0.1	2	12.9	2.6	83.0	480	51.5	429	
VMP-32-30	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Construction equipment parked on well. Could not access.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-32-30	1/16/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well. Could not access.
VMP-32-30	2/25/2013	1505	-0.15	-0.12	0.0	0	13.5	2.6	22.5	123	13.5	109	
VMP-32-30	3/21/2013	952	-1.35	-1.22	2.4	46	14.2	1.3	242	1650	790	860	
VMP-32-30	4/25/2013	1038	-0.36	-0.31	22.5	OVR	11.9	3.6	715	6500	1500	5000	
VMP-32-30	5/23/2013	1427	-1.68	-1.72	56.8	OVR	14.0	1.3	746	9600	4000	5600	
VMP-32-30	6/26/2013	1437	-0.39	-0.30	43.6	OVR	13.5	1.6	811	8200	1800	6400	
VMP-32-30	7/26/2013	0920	-1.08	-0.98	16.6	OVR	13.4	1.9	579	3600	980	2620	
VMP-32-30	8/29/2013	1309	-0.65	-0.64	7.5	OVR	14.2	1.2	600	3900	700	3200	
VMP-32-30	9/26/2013	1129	-2.04	-2.08	0.1	3	12.5	3.2	42.0	342	264	78.0	
VMP-32-30	10/24/2013	1025	-2.06	-2.04	0.0	0	13.4	3.1	2.2	58.0	49.3	8.7	
VMP-32-30	11/21/2013	1112	-2.75	-2.02	0.0	0	11.5	5.2	0.8	22.8	21.0	1.8	
VMP-32-30	12/19/2013	1406	-0.73	-0.85	0.0	0	10.5	8.3	1.1	20.7	14.8	5.9	
VMP-32-30	1/31/2014	0841	-2.24	-2.11	0.7	15	16.7	0.4	188	1040	404.0	636	Resampled due to elevated readings.
VMP-32-30	2/25/2014	1507	-1.40	-0.66	0.0	0	14.6	4.5	3.9	29.8	20.1	9.7	
VMP-32-30	3/19/2014	1507	-1.39	-1.40	0.0	0	13.6	4.2	1.7	33.5	17.7	15.8	
VMP-32-30	4/24/2014	0924	-2.38	-2.29	5.1	OVR	14.3	2.7	404	4100	1100.0	3000	
VMP-32-30	5/22/2014	1450	-2.40	-1.85	2.3	47	10.4	7.5	339	1890	136.5	1753.5	
VMP-32-30	6/18/2014	1030	-0.66	-1.38	0.0	0	10.2	8.3	7.5	22.5	20.1	2.4	
VMP-32-30	7/24/2014	1416	-1.67	-1.71	0.0	0	8.9	11.0	2.4	11.8	8.0	3.8	
VMP-32-30	8/21/2014	1300	-1.81	-1.64	0.0	0	8.3	10.6	2.5	2.56	0.0	2.56	
VMP-32-30	9/18/2014	1128	-0.92	-1.17	0.0	0	11.8	7.7	1.7	15.8	10.4	5.4	
VMP-32-30	10/22/2014	1113	-2.22	-2.05	0.0	0	8.8	11.0	1.5	0.41	0.0	0.41	
VMP-32-30	11/20/2014	1014	-4.20	-3.88	0.0	0	3.3	17.9	2.4	3.89	0.0	3.89	
VMP-32-30	12/18/2014	1524	-2.93	-2.78	0.0	0	1.6	19.7	1.4	1.84	0.0	1.84	
VMP-32-30	1/29/2015	1008	-3.44	-1.79	0.0	0	1.2	20.0	0.7	0.4	0.0	0.4	
VMP-32-30	2/26/2015	1410	-1.83	-1.46	0.0	0	1.3	19.9	0.7	1.3	0.0	1.3	
VMP-32-30	3/27/2015	0840	-1.75	-1.60	0.0	0	1.1	20.2	0.7	0.8	0.0	0.8	
VMP-32-30-Dup	3/27/2015	0840	NM	NM	0.0	0	1.1	20.2	0.7	0.7	0.0	0.7	Duplicate sample.
VMP-32-30	4/23/2015	1315	-1.46	-1.30	0.0	0	1.1	19.8	1.0	1.1	0.0	1.1	
VMP-32-30	5/21/2015	1509	-1.46	-1.43	0.0	0	1.2	19.7	0.4	2.2	0.0	2.2	
VMP-32-30	6/17/2015	1521	-1.29	-1.08	0.0	0	1.1	19.8	0.6	0.4	0.0	0.4	
VMP-32-30	7/23/2015	1455	-0.68	-0.59	0.0	0	0.5	20.2	0.4	0.0	0.0	2.3	
VMP-32-30	8/20/2015	1541	-0.69	-0.64	0.0	0	1.0	20.1	0.1	0.0	0.0	0.0	
VMP-32-30	9/17/2015	1525	-0.44	-0.38	0.0	0	0.9	19.9	0.1	0.2	0.0	0.2	
VMP-32-30	10/22/2015	1129	-0.22	-0.16	0.0	0	0.7	20.2	0.5	0.8	0.0	0.8	
VMP-32-30	11/24/2015	1015	-0.34	-0.27	0.0	0	1.0	20.1	0.1	0	0.0	0.0	
VMP-32-30	12/17/2015	1430	0.00	0.00	0.0	0	0.8	20.3	0.0	0	0.0	0.0	
VMP-32-30	1/22/2016	1020	-0.14	-0.15	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-32-30	2/18/2016	1042	-0.22	-0.15	0.0	0	0.3	20.7	0.4	0.0	0.0	0.0	
VMP-32-30	3/24/2016	0950	-0.31	-0.18	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	SVE system shut down at 0939.
VMP-32-30-Dup	3/24/2016	0950	NM	NM	0.0	0	0.4	20.4	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-32-30	4/20/2016	1450	-0.03	-0.07	0.0	0	0.9	19.9	0.3	0.0	0.0	0.0	
VMP-32-30	5/19/2016	1435	-0.27	-0.29	0.0	0	0.8	20.1	0.1	0.0	0.0	0.0	
VMP-32-30	6/22/2016	1405	-0.11	0.00	0.0	0	0.8	19.9	0.4	0.0	0.0	0.0	
VMP-32-30	7/22/2016	0859	0.00	0.0	0.0	0	1.5	19.2	0.2	0.0	0.0	0.0	
VMP-32-30	8/25/2016	1118	-0.16	-0.22	0.0	0	1.5	19.0	0.1	0.0	0.0	0.0	
VMP-32-30	9/22/2016	1322	0.00	-0.10	0.0	0	1.5	19.3	0.4	0.0	0.0	0.0	
VMP-32-30	10/21/2016	1317	-0.12	-0.10	0.0	0	1.8	19.2	0.0	0.0	0.0	0.0	
VMP-32-30	11/17/2016	1105	0.00	0.00	0.0	0	0.8	20.1	0.4	0.0	0.0	0.0	
VMP-32-30	12/22/2016	1425	0.00	0.00	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-33-10	2/15/2012	1555	-0.12	-0.50	0.0	0	9.0	3.4	6.5	136	124	12.2	
VMP-33-10	2/16/2012	1323	-0.10	-0.14	0.0	0	3.6	15.8	2.7	5.4	0.0	5.4	
VMP-33-10	2/17/2012	1019	-0.26	-0.08	0.0	0	3.8	15.7	1.4	2.7	0.0	2.7	
VMP-33-10	2/22/2012	840	0.00	-0.14	0.0	0	5.1	10.0	0.7	11.8	0.0	11.8	
VMP-33-10	2/29/2012	842	-0.08	-0.10	0.0	0	3.9	15.3	0.5	2.5	0.0	2.5	
VMP-33-10	3/21/2012	839	-0.09	-0.10	0.0	0	4.2	17.0	0.1	1.3	0.0	1.3	
VMP-33-10	4/18/2012	1050	-0.05	0.00	0.0	0	3.6	17.2	0.4	4.4	0.0	4.4	
VMP-33-10	5/16/2012	1026	-0.13	-0.10	0.0	0	2.9	18.1	0.5	0.0	0.0	0.0	
VMP-33-10	6/20/2012	1053	-0.08	-0.08	0.0	0	1.9	19.2	0.4	0.0	0.0	0.0	
VMP-33-10	7/18/2012	1112	-0.06	-0.03	0.0	0	2.2	18.5	0.9	1.6	0.0	1.6	
VMP-33-10	8/15/2012	927	-0.05	-0.05	0.0	0	1.8	19.3	1.0	4.5	0.0	4.5	
VMP-33-10	9/19/2012	1252	0.00	0.00	0.0	0	0.7	20.2	0.9	3.5	0.0	3.5	
VMP-33-10	10/17/2012	831	-0.09	-0.08	0.0	0	0.5	20.4	0.9	1.3	0.0	1.3	
VMP-33-10	11/20/2012	914	-0.10	-0.07	0.0	0	0.3	20.6	0.5	1.6	0.0	1.6	
VMP-33-10	12/19/2012	1001	-0.05	-0.08	0.0	0	0.2	20.6	0.1	0.2	0.0	0.2	
VMP-33-10	1/16/2013	1237	0.02	0.00	0.0	0	0.3	20.5	0.2	1.2	0.0	1.2	
VMP-33-10	2/25/2013	908	-0.05	-0.05	0.0	0	0.0	20.9	0.2	3.5	0.0	3.5	
VMP-33-10	3/20/2013	852	-0.22	-0.16	0.0	0	0.1	20.7	0.2	0.5	0.0	0.5	
VMP-33-10	4/24/2013	1524	-0.22	-0.21	0.0	0	0.0	20.9	0.4	1.4	0.0	1.4	
VMP-33-10	5/22/2013	830	-0.15	-0.10	0.0	0	0.0	20.9	0.3	0.5	0.0	0.5	
VMP-33-10	6/25/2013	842	-0.14	-0.16	0.0	0	0.2	20.6	0.4	1.1	0.0	1.1	
VMP-33-10	7/24/2013	0820	-0.14	-0.12	0.0	0	0.3	20.6	0.5	0.8	0.0	0.8	
VMP-33-10	8/28/2013	1041	-0.13	-0.14	0.0	0	0.2	20.7	0.7	2.1	0.0	2.1	
VMP-33-10	9/25/2013	0905	-0.26	-0.20	0.0	0	0.2	20.8	0.2	1.9	0.0	1.9	
VMP-33-10	10/23/2013	918	-0.30	-0.42	0.0	0	0.3	20.7	0.6	0.1	0.0	0.1	
VMP-33-10	11/20/2013	0816	-0.26	-0.30	0.0	0	0.1	20.9	0.2	2.3	0.0	2.3	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-33-10	12/18/2013	1100	-0.14	-0.11	0.0	0	0.1	20.9	0.6	0.2	0.0	0.2	
VMP-33-10	1/30/2014	0856	-0.13	-0.14	0.0	0	0.1	20.9	0.1	2.19	0.0	2.19	
VMP-33-10	2/19/2014	0859	-0.40	-0.47	0.0	0	0.1	20.9	0.6	1.03	0.0	1.03	
VMP-33-10	3/19/2014	0844	-0.38	-0.42	0.0	0	0.1	20.9	0.7	1.17	0.0	1.17	
VMP-33-10	4/23/2014	1028	-0.38	-0.33	0.0	0	0.1	20.9	0.6	2.84	0.0	2.84	
VMP-33-10	5/21/2014	0848	-0.36	-0.32	0.0	0	0.1	20.6	0.6	2.14	0.0	2.14	
VMP-33-10	6/18/2014	1117	-0.31	-0.26	0.0	0	0.0	20.7	1.5	3.61	0.0	3.61	
VMP-33-10	7/23/2014	1154	-0.36	-0.34	0.0	0	0.1	20.9	1.3	1.39	0.0	1.39	
VMP-33-10	8/20/2014	1148	-0.40	-0.38	0.0	0	0.1	20.8	1.1	0.69	0.0	0.69	
VMP-33-10	9/17/2014	1255	-0.31	-0.30	0.0	0	0.1	20.7	0.9	1.75	0.0	1.75	
VMP-33-10	10/22/2014	0912	-0.38	-0.39	0.0	0	0.1	20.9	1.4	2.87	0.0	2.87	
VMP-33-10	11/19/2014	0949	-0.30	-0.31	0.0	0	0.1	20.9	0.8	2	0.0	2	
VMP-33-10	12/17/2014	1435	-0.14	-0.15	0.0	0	0.1	20.9	1.4	1.28	0.0	1.28	
VMP-33-10	1/29/2015	1415	-0.42	-0.43	0.0	0	0.0	20.9	1.6	3.4	0.0	3.4	
VMP-33-10	2/25/2015	0956	-0.63	-0.38	0.0	0	0.0	20.7	0.7	0.8	0.0	0.8	
VMP-33-10	3/25/2015	1418	-0.34	-0.33	0.0	0	0.0	20.9	1.2	3.0	0.0	3.0	
VMP-33-10	4/22/2015	1024	-0.52	-0.45	0.0	0	0.0	20.9	0.6	1.7	0.0	1.7	
VMP-33-10	5/20/2015	0926	-0.58	-0.58	0.0	0	0.0	20.9	0.4	1.1	0.0	1.1	
VMP-33-10	6/17/2015	0915	-0.52	-0.53	0.0	0	0.0	20.9	0.9	2.4	0.0	2.4	
VMP-33-10	7/22/2015	0911	-0.39	-0.35	0.0	0	0.0	20.9	0.2	1.0	0.0	1.0	
VMP-33-10	8/19/2015	0950	-0.44	-0.50	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-33-10	9/16/2015	0917	-0.37	-0.39	0.0	0	0.0	20.9	0.6	0.6	0.0	0.6	
VMP-33-10	10/21/2015	1249	-0.30	-0.30	0.0	0	0.0	20.9	0.6	0	0.0	0.0	
VMP-33-10	11/23/2015	0845	-0.65	-0.45	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-33-10	12/16/2015	1005	-0.66	-0.61	0.0	0	0.0	20.9	0.2	0	0.0	0.0	
VMP-33-10	1/20/2016	1055	-0.24	-0.12	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-33-10	2/17/2016	0955	-0.46	-0.48	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-33-10	3/22/2016	0930	-0.33	-0.25	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-33-10	4/20/2016	0950	1.26	-0.10	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-33-10	5/18/2016	1210	-0.70	-0.66	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-33-10	6/21/2016	0905	-0.22	0.00	0.0	0	0.0	20.4	0.4	0.0	0.0	0.0	
VMP-33-10-Dup	6/21/2016	0905	NM	NM	0.0	0	0.0	20.4	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-33-10	7/21/2016	0933	0.00	-0.11	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-33-10	8/24/2016	0934	0.00	0.0	0.0	0	0.7	19.5	0.3	0.0	0.0	0.0	
VMP-33-10	9/21/2016	0935	0.00	-0.09	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-33-10	10/20/2016	0945	-0.30	-0.24	0.0	0	0.4	20.8	0.2	0.0	0.0	0.0	
VMP-33-10	11/16/2016	0955	0.00	0.00	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-33-10	12/21/2016	1200	0.00	0.00	0.0	0	0.4	20.0	0.0	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-33-20	2/15/2012	1601	-0.23	-0.83	OVR	OVR	7.1	3.3	96.5	85280	74660	10620	
VMP-33-20	2/16/2012	1324	-0.38	-0.44	OVR	OVR	7.1	1.4	114	95460	76200	19260	
VMP-33-20	2/17/2012	1019	-0.24	-0.28	90.9	OVR	6.9	2.0	119	76200	55800	20400	
VMP-33-20	2/22/2012	841	0.00	0.09	OVR	OVR	7.4	1.5	100	108000	60600	47400	
VMP-33-20	2/29/2012	843	-0.01	-0.38	31.9	OVR	7.4	1.3	120	39200	35050	4150	
VMP-33-20	3/21/2012	840	-0.32	-0.32	1.1	23	7.4	2.7	40.1	5430	4940	490	
VMP-33-20	4/18/2012	1050	-0.17	-0.10	0.4	9	9.8	1.1	15.1	3260	3200	60.0	
VMP-33-20	5/16/2012	1027	-0.44	-0.43	0.0	0	12.0	1.5	3.1	724	661	63.0	
VMP-33-20	6/20/2012	1054	-0.25	-0.28	0.0	0	14.0	1.2	1.5	326	45.5	281	
VMP-33-20	7/18/2012	1113	-0.25	-0.16	0.0	0	16.8	3.5	1.1	80.1	3.8	76.3	
VMP-33-20	8/15/2012	928	-0.25	-0.25	0.0	0	17.6	6.5	0.8	36.0	1.2	34.8	
VMP-33-20	9/19/2012	1254	-0.18	-0.12	0.0	0	14.3	11.2	1.2	25.6	2.1	23.5	
VMP-33-20	10/17/2012	832	-0.38	-0.33	0.0	0	11.0	13.4	0.4	2.2	0.0	2.2	
VMP-33-20	11/20/2012	920	-0.42	-0.28	0.0	0	8.8	15.5	0.6	1.7	0.0	1.7	
VMP-33-20	12/19/2012	1002	-0.39	-0.34	0.0	0	9.2	14.5	0.2	0.4	0.0	0.4	
VMP-33-20	1/16/2013	1242	0.04	0.02	0.0	0	9.7	12.2	0.2	0.2	0.0	0.2	
VMP-33-20	2/25/2013	912	-0.21	-0.20	0.0	0	5.5	17.7	0.2	1.0	0.0	1.0	
VMP-33-20	3/20/2013	856	-0.83	-0.65	0.0	0	3.1	19.5	0.2	0.8	0.0	0.8	
VMP-33-20	4/24/2013	1534	-0.67	-0.66	0.0	0	2.1	19.9	0.2	2.3	0.0	2.3	
VMP-33-20	5/22/2013	831	-0.54	-0.49	0.0	0	2.1	19.4	0.2	0.5	0.0	0.5	
VMP-33-20	6/25/2013	849	-0.52	-0.65	0.0	0	1.8	19.2	0.5	0.3	0.0	0.3	
VMP-33-20	7/24/2013	0826	-0.54	-0.48	0.0	0	2.0	18.9	0.4	0.0	0.0	0.0	
VMP-33-20	8/28/2013	1042	-0.55	-0.56	0.0	0	1.7	19.5	0.7	1.0	0.0	1.0	
VMP-33-20	9/25/2013	0909	-1.02	-0.83	0.0	0	1.8	19.6	0.3	0.6	0.0	0.6	
VMP-33-20	10/23/2013	922	-1.23	-2.72	0.0	0	1.8	19.8	0.8	0.4	0.0	0.4	
VMP-33-20	11/20/2013	0820	-1.93	-1.91	0.0	0	1.0	20.6	0.2	0.2	0.0	0.2	
VMP-33-20	12/18/2013	1105	-1.28	-1.10	0.0	0	1.1	20.4	0.4	0.1	0.0	0.1	
VMP-33-20	1/30/2014	0900	-1.25	-1.25	0.0	0	0.7	20.6	0.2	1.03	0.0	1.03	
VMP-33-20	2/19/2014	0903	-2.01	-2.04	0.0	0	0.6	20.8	0.6	0.53	0.0	0.53	
VMP-33-20	3/19/2014	0850	-2.05	-2.24	0.0	0	0.4	20.9	0.8	0.39	0.0	0.39	
VMP-33-20	4/23/2014	1032	-2.14	-2.04	0.0	0	0.3	20.8	0.7	1.84	0.0	1.84	
VMP-33-20	5/21/2014	0851	-2.40	-2.26	0.0	0	0.2	20.5	1.8	1.26	0.0	1.26	
VMP-33-20	6/18/2014	1118	-2.11	-2.02	0.0	0	0.2	20.5	1.2	2.28	0.0	2.28	
VMP-33-20	7/23/2014	1159	-2.68	-2.56	0.0	0	0.4	20.6	2.6	1.05	0.0	1.05	
VMP-33-20	8/20/2014	1153	-2.88	-2.79	0.0	0	0.5	20.3	1.5	0.84	0.0	0.84	
VMP-33-20	9/17/2014	1300	-2.71	-2.61	0.0	0	0.6	20.3	0.9	0.88	0.0	0.88	
VMP-33-20	10/22/2014	0913	-3.08	-3.06	0.0	0	0.5	20.6	0.8	1.69	0.0	1.69	
VMP-33-20	11/19/2014	0949	-2.61	-2.70	0.0	0	0.5	20.5	0.8	0.38	0.0	0.38	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-33-20	12/17/2014	1440	-1.50	-1.53	0.0	0	0.4	20.7	1.7	0.81	0.0	0.81	
VMP-33-20-Dup	12/17/2014	0000	NM	NM	0.0	0	0.4	20.7	1.6	0.72	0.0	0.72	Duplicate sample.
VMP-33-20	1/29/2015	1420	-3.43	-3.51	0.0	0	0.2	20.9	1.3	1.4	0.0	1.4	
VMP-33-20	2/25/2015	0959	-2.80	-3.04	0.0	0	0.2	20.7	0.7	0.8	0.0	0.8	
VMP-33-20	3/25/2015	1416	-2.89	-2.91	0.0	0	0.2	20.8	1.2	2.3	0.0	2.3	
VMP-33-20	4/22/2015	1028	-3.52	-3.31	0.0	0	0.1	20.8	0.6	0.7	0.0	0.7	
VMP-33-20	5/20/2015	0931	-3.69	-3.69	0.0	0	0.0	20.9	0.4	0.4	0.0	0.4	
VMP-33-20	6/17/2015	0920	-3.52	-3.53	0.0	0	0.1	20.8	1.1	1.1	0.0	1.1	
VMP-33-20	7/22/2015	0915	-3.49	-3.39	0.0	0	0.2	20.6	1.6	0.0	0.0	0.0	
VMP-33-20	8/19/2015	0955	-3.27	-3.50	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-33-20	9/16/2015	0922	-3.80	-3.79	0.0	0	0.3	20.7	0.5	1.8	0.0	1.8	
VMP-33-20	10/21/2015	1253	-3.55	-3.46	0.0	0	0.3	20.8	0.5	0.0	0.0	0.0	
VMP-33-20	11/23/2015	0850	-2.36	-3.59	0.0	0	0.1	20.9	0.0	0	0.0	0.0	
VMP-33-20	12/16/2015	1010	-0.49	-4.43	0.0	0	0.1	20.8	0.5	0	0.0	0.0	
VMP-33-20	1/20/2016	1100	-1.04	-0.90	0.0	0	0.1	20.9	0.1	0.0	0.0	0.0	
VMP-33-20	2/17/2016	1000	-3.47	-4.23	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-33-20	3/22/2016	0935	-3.60	-3.46	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-33-20	4/20/2016	0955	-1.23	-0.37	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-33-20	5/18/2016	1215	-4.71	-4.58	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-33-20	6/21/2016	0910	-0.38	0.00	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-33-20	7/21/2016	0937	-0.37	-0.29	0.0	0	0.2	20.0	0.2	0.0	0.0	0.0	
VMP-33-20-Dup	7/21/2016	0937	NM	NM	0.0	0	0.2	20.0	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-33-20	8/24/2016	0935	-0.30	-0.48	0.0	0	0.2	19.5	0.2	0.0	0.0	0.0	
VMP-33-20-Dup	8/24/2016	0935	NM	NM	0.0	0	0.2	19.5	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-33-20	9/21/2016	0937	-0.10	-0.61	0.0	0	0.3	19.2	0.3	0.0	0.0	0.0	
VMP-33-20-Dup	9/21/2016	0937	NM	NM	0.0	0	0.3	19.2	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-33-20	10/20/2016	0948	-0.58	-0.48	0.0	0	0.5	19.3	0.2	0.0	0.0	0.0	
VMP-33-20	11/16/2016	0956	-0.17	-0.11	0.0	0	0.5	19.6	0.0	0.0	0.0	0.0	
VMP-33-20	12/21/2016	1202	0.00	0.00	0.0	0	1.3	18.3	0.1	0.0	0.0	0.0	
VMP-33-30	2/15/2012	1605	-0.24	-0.60	OVR	OVR	7.3	1.6	89.7	200000	137000	63000	
VMP-33-30	2/16/2012	1326	-0.48	-0.56	OVR	OVR	7.4	1.7	101	188000	155000	33000	
VMP-33-30	2/17/2012	1019	-0.30	-0.34	OVR	OVR	7.3	1.3	106	249000	118000	131000	
VMP-33-30	2/22/2012	842	0.00	0.15	OVR	OVR	7.5	1.4	86.3	219000	141000	78000	
VMP-33-30	2/29/2012	844	-0.04	-0.06	OVR	OVR	7.4	1.4	111	136000	106000	30000	
VMP-33-30	3/21/2012	840	-1.00	-0.80	74.6	OVR	7.3	1.7	110	114000	89500	24500	
VMP-33-30	4/18/2012	1050	-0.21	-0.11	36.7	OVR	7.7	1.0	111	50900	40700	10200	
VMP-33-30	5/16/2012	1028	-0.56	-0.56	7.3	OVR	9.2	0.8	73.6	24200	20000	4200	
VMP-33-30	6/20/2012	1055	-0.30	-0.35	3.6	73	9.8	0.1	34.3	14100	11940	2160	

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SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-33-30	7/18/2012	1114	-0.31	-0.20	2.5	50	10.5	1.4	30.7	11900	9910	1990	
VMP-33-30	8/15/2012	929	-0.32	-0.31	2.0	21	10.8	2.1	36.0	9100	7400	1700	
VMP-33-30	9/19/2012	1256	-0.24	-0.15	1.2	24	12.2	1.0	31.3	5900	4700	1200	
VMP-33-30	10/17/2012	833	-0.48	-0.40	0.7	15	10.9	1.6	19.0	4400	3240	1160	
VMP-33-30	11/20/2012	924	-0.54	-0.36	0.2	5	10.5	1.3	18.0	2460	2100	360	
VMP-33-30	12/19/2012	1003	-0.52	-0.46	0.0	1	14.4	1.6	3.9	735	680	55.0	
VMP-33-30	1/16/2013	1247	0.05	0.07	0.0	0	14.9	2.8	1.7	550	460	90.0	
VMP-33-30	2/25/2013	916	-0.26	-0.26	0.0	0	13.6	5.7	1.0	41.7	17.3	24.4	
VMP-33-30	3/20/2013	900	0.00	-0.84	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during sampling.
VMP-33-30	4/24/2013	1536	-0.82	-0.81	0.0	0	9.7	11.3	0.6	2.1	0.0	2.1	
VMP-33-30	5/22/2013	832	-0.65	-0.61	0.0	0	9.1	11.6	0.6	1.8	0.0	1.8	
VMP-33-30	6/25/2013	855	-0.62	-0.79	0.0	0	7.8	12.2	1.5	4.0	0.0	4.0	
VMP-33-30	7/24/2013	0830	-0.72	-0.61	0.0	0	7.7	12.2	0.4	4.5	0.0	4.5	
VMP-33-30	8/28/2013	1043	-0.69	-0.70	0.0	0	6.6	13.7	1.0	3.5	0.0	3.5	
VMP-33-30	9/25/2013	0913	-1.27	-1.01	0.0	0	6.9	11.5	4.8	33.6	19.2	14.4	
VMP-33-30	10/23/2013	926	-1.58	-5.25	OVR	OVR	11.6	3.9	264	83000	71400	11600	
VMP-33-30	11/20/2013	0824	-3.83	-3.73	OVR	OVR	11.8	3.6	202	69300	42700	26600	
VMP-33-30	12/18/2013	1118	-2.76	-2.47	OVR	OVR	13.9	2.0	264	56230	33600	22630	
VMP-33-30	1/30/2014	0904	-2.68	-2.63	60.5	OVR	14.2	1.0	252	36500	18650.0	17850	
VMP-33-30	2/19/2014	0907	-3.64	-3.61	35.2	OVR	10.4	6.0	157	28400	15900.0	12500	
VMP-33-30	3/19/2014	0855	-3.69	-3.97	19.2	OVR	10.9	5.4	186	18700	11100.0	7600	
VMP-33-30	4/23/2014	1036	-3.96	-3.83	20.4	OVR	11.8	2.3	181	21780	13570.0	8210	
VMP-33-30	5/21/2014	0854	-4.78	-4.60	8.8	OVR	10.1	4.2	139	13290	8690.0	4600	
VMP-33-30	6/18/2014	1118	-4.34	-4.19	5.5	OVR	9.1	6.2	144	9180	4620.0	4560	
VMP-33-30	7/23/2014	1204	-5.76	-5.53	20.1	OVR	9.9	6.4	355	16120	8890.0	7230	
VMP-33-30-Dup	7/23/2014	1209	NM	NM	25.5	OVR	11.9	3.3	389	18890	7960.0	10930	Duplicate sample.
VMP-33-30	8/20/2014	1158	-6.04	-5.91	46.7	OVR	11.9	3.8	394	28370	9950.0	18420	
VMP-33-30	9/17/2014	1305	-6.16	-6.01	65.8	OVR	14.2	3.2	432	29350	8680.0	20670	
VMP-33-30	10/22/2014	0914	-6.66	-6.59	25.6	OVR	11.3	6.8	423	14960	3560.0	11400	
VMP-33-30	11/19/2014	0950	-5.56	-5.94	7.1	OVR	15.2	2.9	430	5060	1200.0	3860	
VMP-33-30	12/17/2014	1450	-3.34	-3.38	1.5	30	11.5	8.0	219	1350	40.1	1309.9	
VMP-33-30	1/29/2015	1425	-7.43	-7.58	1.7	34	14.5	2.6	181	1740	412	1328	
VMP-33-30	2/25/2015	1003	-6.37	-6.66	5.9	OVR	14.2	3.2	383	3380	347	3033	
VMP-33-30	3/25/2015	1421	-6.28	-6.28	16.9	OVR	12.0	4.5	520	6270	626	5644	
VMP-33-30	4/22/2015	1032	-7.18	-6.94	20.5	OVR	15.1	1.0	642	9600	1410	8190	
VMP-33-30	5/20/2015	0936	-7.68	-7.68	NM	NM	NM	NM	NM	NM	NM	NM	
VMP-33-30	6/17/2015	0925	-7.28	-7.25	12.1	OVR	12.1	3.6	377	6280	536	5744	
VMP-33-30	7/22/2015	0920	-7.37	-7.21	7.8	OVR	10.0	6.6	354	4840	341	4499	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-33-30	8/19/2015	1000	-6.89	-7.20	18.7	OVR	12.7	3.3	450	8620	562	8058	
VMP-33-30	9/16/2015	0927	-8.12	-8.16	20.2	OVR	16.3	0.9	554	8930	497	8433	
VMP-33-30	10/21/2015	1256	-7.80	-7.67	13.6	OVR	13.3	4.4	453	5840	387	5453	
VMP-33-30	11/23/2015	0855	-9.19	-6.93	9.0	OVR	15.0	3.8	448	5130	241	4889	
VMP-33-30	12/16/2015	1015	-9.42	-9.26	6.3	OVR	17.1	2.3	505	4020	136	3884	
VMP-33-30	1/20/2016	1105	-1.92	-1.91	0.3	6	14.5	3.9	104	376	23.7	352	
VMP-33-30	2/17/2016	1005	-7.07	-9.05	0.3	7	10.4	8.5	144	475	92.9	382	
VMP-33-30-Dup	2/17/2016	1005	NM	NM	0.5	10	14.1	4.0	144	600	111	489	Duplicate sample.
VMP-33-30	3/22/2016	0940	-7.80	-7.70	0.2	5	10.6	7.5	122	336	61.2	275	
VMP-33-30-Dup	3/22/2016	0940	NM	NM	0.4	7	13.6	3.7	122	524	74.5	450	Duplicate sample.
VMP-33-30	4/20/2016	1000	0.27	-0.49	0.0	0	11.7	4.8	23.0	66.6	1.1	65.5	
VMP-33-30	5/18/2016	1220	-9.46	-9.37	0.1	2	8.0	10.7	19.6	103	10.1	92.8	
VMP-33-30-Dup	5/18/2016	1220	NM	NM	0.2	4	11.7	5.1	19.6	186	18.1	168	Duplicate sample.
VMP-33-30	6/21/2016	0915	-0.48	0.00	0.0	0	6.3	13.9	2.8	4.2	0.0	4.2	
VMP-33-30	7/21/2016	0944	-0.46	-0.39	0.0	0	3.8	16.5	0.4	0.0	0.0	0.0	
VMP-33-30	8/24/2016	0936	-0.43	-0.61	0.0	0	3.7	15.9	0.7	0.0	0.0	0.0	
VMP-33-30	9/21/2016	0940	-0.77	-0.78	0.0	0	4.2	15.2	0.3	0.0	0.0	0.0	
VMP-33-30	10/20/2016	0950	-0.19	-0.23	0.0	0	3.3	17.3	0.2	0.0	0.0	0.0	
VMP-33-30	11/16/2016	0958	0.00	0.00	0.0	0	3.5	17.1	0.2	0.0	0.0	0.0	
VMP-33-30	12/21/2016	1205	0.00	0.00	0.0	0	3.7	16.7	0.1	0.0	0.0	0.0	
VMP-34-10	2/15/2012	1615	-0.40	-0.38	OVR	OVR	9.2	1.3	49.4	315000	271000	44000	
VMP-34-10	2/16/2012	1347	-0.86	-0.97	23.4	OVR	7.8	5.8	36.6	69300	66100	3200	
VMP-34-10	2/17/2012	1054	-0.60	-0.50	19.0	OVR	9.7	2.0	31.8	68900	68000	900	
VMP-34-10	2/20/2012	1057	-0.49	-0.37	9.5	OVR	8.7	3.9	17.6	66900	59800	7100	
VMP-34-10	2/21/2012	1018	-1.03	-1.06	48.7	OVR	8.9	3.9	38.2	211000	105000	106000	
VMP-34-10	2/22/2012	908	0.00	0.06	OVR	OVR	9.1	1.7	50.4	199000	199000	0.0	
VMP-34-10	2/29/2012	922	-0.45	-0.50	OVR	OVR	8.9	1.4	46.2	367000	268000	99000	
VMP-34-10	3/21/2012	915	-0.54	-0.49	OVR	OVR	7.8	4.2	30.0	212000	210000	2000	
VMP-34-10	4/18/2012	1032	-0.36	-0.33	12.8	OVR	5.9	6.0	11.5	74000	64000	10000	
VMP-34-10	5/16/2012	1044	-0.69	-0.68	3.1	64	2.6	16.0	11.0	24300	20400	3900	
VMP-34-10	6/20/2012	859	-0.60	-0.43	0.8	17	1.9	18.9	4.8	2300	1170	1130	
VMP-34-10	7/18/2012	933	-0.48	-0.49	0.3	6	2.0	18.0	8.3	2730	2600	130	
VMP-34-10	8/15/2012	902	-0.46	-0.47	0.0	0	0.3	20.7	2.0	75.0	6.3	68.7	
VMP-34-10	9/19/2012	1207	-0.55	-0.49	0.0	0	1.8	17.0	1.8	5.0	0.0	5.0	
VMP-34-10	10/17/2012	907	-0.61	-0.58	0.0	0	2.8	14.8	0.4	7.9	7.9	0.0	
VMP-34-10	11/20/2012	929	-0.66	-0.50	0.0	0	2.9	14.5	0.4	6.6	6.4	0.2	
VMP-34-10	12/19/2012	1042	-0.63	-0.44	0.0	0	2.2	15.8	0.6	3.4	0.0	3.4	
VMP-34-10	1/16/2013	923	-0.33	-0.05	0.0	0	3.5	12.2	1.3	5.0	0.0	5.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-34-10	2/25/2013	943	-0.45	-0.35	0.0	0	3.2	13.3	0.2	4.1	0.0	4.1	
VMP-34-10	3/20/2013	933	-1.42	-0.28	0.0	0	0.8	19.0	0.3	1.9	0.0	1.9	
VMP-34-10	4/24/2013	1546	-1.28	-1.27	0.0	0	1.2	18.3	0.5	1.2	0.0	1.2	
VMP-34-10	5/22/2013	915	-1.16	-1.09	0.0	0	0.2	20.6	0.5	0.4	0.0	0.4	
VMP-34-10	6/25/2013	936	-1.00	-0.98	0.0	0	0.8	19.0	0.5	2.0	0.0	2.0	
VMP-34-10	7/24/2013	0900	-0.98	-0.89	0.0	0	1.3	18.5	0.4	2.1	0.0	2.1	
VMP-34-10	8/28/2013	1033	-0.87	-0.91	0.0	0	0.5	19.8	0.6	2.6	0.0	2.6	
VMP-34-10	9/25/2013	0920	-1.47	-1.27	0.0	0	0.1	20.8	0.3	2.3	0.0	2.3	
VMP-34-10	10/23/2013	0950	-1.73	-1.41	0.0	0	0.1	20.8	0.6	2.0	0.0	2.0	
VMP-34-10	11/20/2013	0848	-1.37	-1.34	0.0	0	0.1	20.9	0.2	2.1	0.0	2.1	
VMP-34-10	12/18/2013	0917	-0.83	-0.55	0.0	0	0.2	20.3	0.1	0.2	0.0	0.2	
VMP-34-10	1/30/2014	0841	-0.56	-0.42	0.0	0	0.4	19.7	0.3	3.32	0.0	3.32	
VMP-34-10	2/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Rolloff dumpster on top of well. Could not access.
VMP-34-10	3/19/2014	0916	-1.64	-1.89	0.0	0	0.2	20.5	0.8	1.17	0.0	1.17	
VMP-34-10	4/23/2014	0839	-1.73	-1.47	0.0	0	0.1	20.7	0.6	2.35	0.0	2.35	
VMP-34-10	5/21/2014	0939	-1.22	-1.10	0.0	0	0.2	20.8	1.6	2.78	0.0	2.78	
VMP-34-10	6/18/2014	1046	-1.10	-0.86	0.0	0	3.2	16.9	2.6	3.34	0.0	3.34	
VMP-34-10	7/23/2014	1122	-0.76	-0.56	0.0	0	1.6	19.1	1.7	1.15	0.0	1.15	
VMP-34-10	8/20/2014	1113	-1.01	-0.94	0.0	0	1.2	19.4	1.2	0.89	0.0	0.89	
VMP-34-10	9/17/2014	1220	-0.44	-0.25	0.0	0	6.0	14.1	1.0	2.33	0.0	2.33	
VMP-34-10	10/22/2014	1001	-0.84	-0.80	0.0	0	1.4	19.0	1.2	1.25	0.0	1.25	
VMP-34-10	11/19/2014	1014	-0.83	-0.75	0.0	0	0.6	19.8	0.8	1.87	0.0	1.87	
VMP-34-10	12/17/2014	1355	-0.26	-0.54	0.0	0	0.3	20.5	1.8	1.56	0.0	1.56	
VMP-34-10	1/29/2015	1450	-1.20	-1.32	0.0	0	0.1	20.9	1.1	2.3	0.0	2.3	
VMP-34-10	2/25/2015	1033	-0.10	-0.18	0.0	0	0.3	20.2	0.5	1.2	0.0	1.2	
VMP-34-10	3/25/2015	1340	-0.81	-0.69	0.0	0	1.0	19.2	1.0	3.5	0.0	3.5	
VMP-34-10	4/22/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-34-10	5/20/2015	1013	-0.93	-0.68	0.0	0	0.4	20.2	0.4	1.1	0.0	1.1	
VMP-34-10	6/17/2015	0950	-1.07	-1.10	0.0	0	0.3	20.4	0.9	1.8	0.0	1.8	
VMP-34-10	7/22/2015	0956	-0.67	-0.63	0.0	0	1.1	19.4	1.0	0.0	0.0	0.0	
VMP-34-10	8/19/2015	1025	-1.02	-1.10	0.0	0	2.6	17.4	0.5	0.0	0.0	0.0	
VMP-34-10	9/16/2015	0949	-0.68	-0.61	0.0	0	2.3	18.3	1.1	0.5	0.0	0.5	
VMP-34-10	10/21/2015	1138	-0.43	-0.28	0.0	0	0.4	20.4	0.5	0	0.0	0.0	
VMP-34-10	11/23/2015	0930	-1.29	-0.25	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-34-10	12/16/2015	1045	-1.08	-1.13	0.0	0	0.0	20.9	0.3	0	0.0	0.0	
VMP-34-10	1/20/2016	1125	-0.16	0.00	0.0	0	0.2	20.6	0.1	0.0	0.0	0.0	
VMP-34-10	2/17/2016	1025	-1.07	-0.95	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-34-10	3/22/2016	1025	-0.42	-0.30	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-34-10	4/20/2016	1030	-0.47	-0.29	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-34-10	5/18/2016	1130	-1.75	-1.62	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-34-10	6/21/2016	0930	-0.22	0.00	0.0	0	0.1	20.7	0.1	0.2	0.0	0.2	
VMP-34-10	7/21/2016	1028	-0.45	-0.45	0.0	0	0.2	20.5	0.3	0.0	0.0	0.0	
VMP-34-10	8/24/2016	1034	-0.61	-0.76	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-34-10	9/21/2016	1030	-0.48	-0.70	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-34-10	10/20/2016	1040	-0.91	-0.57	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-34-10	11/16/2016	1030	-0.40	-0.35	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-34-10	12/21/2016	1142	0.00	0.00	0.0	0	1.0	19.5	0.3	0.0	0.0	0.0	
VMP-34-20	2/15/2012	1620	-0.36	-0.30	OVR	OVR	7.9	1.4	53.9	1000000	704000	296000	
VMP-34-20	2/16/2012	1348	-0.91	-1.02	OVR	OVR	7.2	2.8	56.2	1000000	946000	54000	
VMP-34-20	2/17/2012	1054	-0.57	-0.47	OVR	OVR	7.8	1.3	60.5	1000000	1000000	0.0	
VMP-34-20	2/20/2012	1102	-0.51	-0.39	OVR	OVR	7.6	1.9	59.1	1000000	925000	75000	
VMP-34-20	2/21/2012	1019	-1.21	-1.28	OVR	OVR	7.6	1.3	60.3	1000000	1000000	0.0	
VMP-34-20	2/22/2012	909	0.13	0.22	OVR	OVR	8.1	0.9	49.2	1000000	820000	180000	
VMP-34-20	2/29/2012	923	-0.49	-0.50	OVR	OVR	7.5	1.2	51.2	1000000	833000	167000	
VMP-34-20	3/21/2012	915	-0.68	-0.59	OVR	OVR	7.0	0.7	46.5	1000000	1000000	0.0	
VMP-34-20	4/18/2012	1032	-0.36	-0.34	OVR	OVR	6.0	1.2	47.5	1000000	1000000	0.0	
VMP-34-20	5/16/2012	1045	-0.88	-0.88	OVR	OVR	6.4	1.3	52.1	1000000	1000000	0.0	
VMP-34-20	6/20/2012	900	-0.78	-0.58	OVR	OVR	7.2	0.9	72.0	1000000	1000000	0.0	
VMP-34-20	7/18/2012	934	-0.65	-0.64	OVR	OVR	8.2	1.4	42.2	1000000	420000	580000	
VMP-34-20	8/15/2012	903	-0.60	-0.60	OVR	OVR	9.6	2.5	91.2	180000	152000	28000	
VMP-34-20	9/19/2012	1208	-0.61	-0.57	OVR	OVR	10.1	2.0	94.6	179000	152000	27000	
VMP-34-20	10/17/2012	908	-0.70	-0.65	OVR	OVR	7.1	1.9	65.2	1000000	650000	350000	
VMP-34-20	11/20/2012	933	-0.83	-0.62	OVR	OVR	10.8	1.1	158	159000	135000	24000	
VMP-34-20	12/19/2012	1043	-0.79	-0.53	OVR	OVR	11.3	0.8	142	105000	81200	23800	
VMP-34-20	1/16/2013	928	-0.42	0.00	OVR	OVR	10.7	0.7	121	395000	191000	204000	
VMP-34-20	2/25/2013	947	-0.49	-0.37	OVR	OVR	9.9	1.4	107	617000	164000	453000	
VMP-34-20	3/20/2013	937	-1.71	-0.35	OVR	OVR	9.7	1.3	93.8	260000	154000	106000	
VMP-34-20	4/24/2013	1550	-1.43	-1.47	OVR	OVR	9.9	0.9	140	851000	277000	574000	
VMP-34-20	5/22/2013	916	-1.38	-1.31	OVR	OVR	8.0	3.4	119	615000	256000	359000	
VMP-34-20	6/25/2013	941	-1.14	-1.10	OVR	OVR	9.5	1.0	122	476000	342000	134000	
VMP-34-20	7/24/2013	0906	-1.26	-1.17	OVR	OVR	10.5	1.5	146	285000	140000	145000	
VMP-34-20	8/28/2013	1034	-1.16	-1.20	OVR	OVR	12.1	2.2	215	90200	52200	38000	
VMP-34-20	9/25/2013	0924	-1.94	-1.67	58.9	OVR	13.2	1.1	282	67900	41000	26900	
VMP-34-20	10/23/2013	0954	-2.25	-1.89	16.4	OVR	10.7	4.8	176	23400	17400	6000	
VMP-34-20	11/20/2013	0852	-1.77	-1.72	2.3	46	10.4	4.4	69.0	8100	7900	200	
VMP-34-20	12/18/2013	0921	-1.17	-0.55	17.5	OVR	11.5	1.4	157	26400	23800	2600	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-34-20	1/30/2014	0845	-0.40	-0.24	OVR	OVR	12.1	0.7	151	232000	122000.0	110000	Resampled due to elevated readings.
VMP-34-20	2/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Rolloff dumpster on top of well. Could not access.
VMP-34-20	3/19/2014	0921	-1.33	-1.58	0.4	8	2.0	16.2	21.8	1170	810.0	360	
VMP-34-20	4/23/2014	0842	-1.11	-0.37	0.0	0	0.0	20.9	0.4	6.59	2.1	4.48	
VMP-34-20	5/21/2014	0943	0.00	0.00	0.0	0	0.0	20.7	1.5	3.59	0.0	3.59	
VMP-34-20	6/18/2014	1047	0.00	0.00	0.0	0	0.0	20.8	1.7	3.22	0.0	3.22	
VMP-34-20	7/23/2014	1126	0.00	0.00	0.0	0	0.0	20.8	0.7	1.29	0.0	1.29	
VMP-34-20	8/20/2014	1118	0.00	0.00	0.0	0	0.0	20.8	1.2	0.79	0.0	0.79	
VMP-34-20	9/17/2014	1225	0.00	0.00	0.0	0	0.0	20.8	1.5	2.68	0.0	2.68	
VMP-34-20	10/22/2014	1002	0.00	0.00	0.0	0	0.1	20.9	0.5	1.48	0.0	1.48	
VMP-34-20	11/19/2014	1014	0.00	0.00	0.0	0	0.0	20.9	0.9	2.02	0.0	2.02	
VMP-34-20	12/17/2014	1400	0.00	0.00	0.0	0	0.0	20.9	1.2	1.73	0.0	1.73	
VMP-34-20-Dup	12/17/2014	1405	0.00	0.00	0.0	0	0.0	20.9	0.8	2.27	0.0	2.27	Duplicate sample.
VMP-34-20	1/29/2015	1455	0.00	0.00	0.0	0	0.0	20.9	1.4	2.4	0.0	2.4	
VMP-34-20	2/25/2015	1038	0.00	0.00	0.0	0	0.0	20.7	0.7	0.7	0.0	0.7	
VMP-34-20	3/25/2015	1343	0.00	0.00	0.0	0	0.0	20.9	1.7	2.6	0.0	2.6	
VMP-34-20	4/22/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-34-20	5/20/2015	1018	-1.62	-1.22	0.0	0	2.4	18.5	0.5	1.0	0.0	1.0	First sample after re-installation of port.
VMP-34-20-Dup	5/20/2015	1018	NM	NM	0.0	0	2.4	18.6	0.5	0.7	0.0	0.7	Duplicate sample.
VMP-34-20	6/17/2015	0955	-1.52	-1.53	0.0	0	2.8	18.1	1.1	0.8	0.0	0.8	
VMP-34-20	7/22/2015	1000	-1.25	-1.15	0.0	0	3.2	17.7	1.0	0.0	0.0	0.0	
VMP-34-20	8/19/2015	1030	-1.48	-1.62	0.0	0	3.8	16.7	0.5	0.0	0.0	0.0	
VMP-34-20	9/16/2015	0954	-1.31	-1.23	0.0	0	4.3	16.7	0.7	0.0	0.0	0.0	
VMP-34-20	10/21/2015	1141	-0.98	-0.71	0.0	0	4.7	17.0	1.1	0.0	0.0	0.0	
VMP-34-20	11/23/2015	0935	-1.93	-1.43	0.0	0	3.2	18.8	0.2	0	0.0	0.0	
VMP-34-20	12/16/2015	1050	-1.71	-1.59	0.0	0	3.0	18.8	0.2	0	0.0	0.0	
VMP-34-20	1/20/2016	1130	-0.62	-1.32	0.0	0	3.0	18.8	0.2	0.0	0.0	0.0	
VMP-34-20	2/17/2016	1030	-1.78	-1.64	0.0	0	2.1	19.4	0.4	0.0	0.0	0.0	
VMP-34-20	3/22/2016	1030	-0.81	-0.62	0.0	0	1.5	19.7	0.5	0.0	0.0	0.0	
VMP-34-20	4/20/2016	1035	-1.01	-0.56	0.0	0	1.6	19.7	0.3	0.0	0.0	0.0	
VMP-34-20	5/18/2016	1135	-2.45	-2.32	0.0	0	1.2	20.0	0.3	0.0	0.0	0.0	
VMP-34-20	6/21/2016	0935	-0.94	-0.87	0.0	0	1.6	18.9	0.2	0.0	0.0	0.0	
VMP-34-20	7/21/2016	1032	-0.10	-0.73	0.0	0	2.9	17.3	0.1	0.0	0.0	0.0	
VMP-34-20	8/24/2016	1035	-1.65	-1.34	0.0	0	4.1	16.8	0.1	0.0	0.0	0.0	
VMP-34-20	9/21/2016	1034	-1.52	-1.35	0.0	0	4.3	17.0	0.0	0.0	0.0	0.0	
VMP-34-20	10/20/2016	1042	-0.84	-0.81	0.0	0	4.8	16.7	0.2	0.0	0.0	0.0	
VMP-34-20-Dup	10/20/2016	1042	NM	NM	0.0	0	4.9	16.6	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-34-20	11/16/2016	1031	-0.83	-0.71	0.0	0	4.1	17.5	0.0	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-34-20	12/21/2016	1145	0.00	0.00	0.0	0	4.0	16.9	0.3	0.0	0.0	0.0	
VMP-34-30	2/15/2012	1625	-0.27	-0.30	OVR	OVR	7.2	1.5	51.4	1000000	561000	439000	
VMP-34-30	2/16/2012	1349	-0.95	-1.03	OVR	OVR	7.0	2.2	59.6	1000000	878000	122000	
VMP-34-30	2/17/2012	1054	-0.59	-0.45	OVR	OVR	7.2	1.4	62.6	1000000	800000	200000	
VMP-34-30	2/20/2012	1103	-0.53	-0.42	OVR	OVR	7.2	1.8	60.8	1000000	936000	64000	
VMP-34-30	2/21/2012	1020	-1.26	-1.33	OVR	OVR	7.1	1.4	62.0	1000000	1000000	0.0	
VMP-34-30	2/22/2012	910	0.15	0.23	OVR	OVR	7.3	1.0	50.7	1000000	669000	331000	
VMP-34-30	2/29/2012	924	-0.49	-0.53	OVR	OVR	6.9	1.2	53.1	1000000	881000	119000	
VMP-34-30	3/21/2012	916	-0.68	-0.64	OVR	OVR	6.5	0.6	51.6	1000000	1000000	0.0	
VMP-34-30	4/18/2012	1032	-0.38	-0.35	OVR	OVR	5.7	0.9	52.0	1000000	1000000	0.0	
VMP-34-30	5/16/2012	1046	-0.93	-0.96	OVR	OVR	5.4	1.5	56.1	1000000	1000000	0.0	
VMP-34-30	6/20/2012	901	-0.84	-0.62	OVR	OVR	5.3	1.3	78.0	1000000	1000000	0.0	
VMP-34-30	7/18/2012	935	-0.70	-0.70	OVR	OVR	5.2	1.5	37.3	1000000	1000000	0.0	
VMP-34-30	8/15/2012	903	-0.66	-0.67	OVR	OVR	6.0	1.5	70.0	838000	664000	174000	
VMP-34-30	9/19/2012	1210	-0.65	-0.62	OVR	OVR	6.7	1.5	82.6	1000000	536000	464000	
VMP-34-30	10/17/2012	909	-0.70	-0.64	OVR	OVR	9.6	1.7	84.6	775000	371000	404000	
VMP-34-30	11/20/2012	937	-0.90	-0.68	OVR	OVR	7.9	1.3	108	1000000	804000	196000	
VMP-34-30	12/19/2012	1044	-0.80	-0.59	OVR	OVR	8.7	1.2	118	1000000	765000	235000	
VMP-34-30	1/16/2013	933	-0.44	0.03	OVR	OVR	9.0	0.9	88.6	1000000	610000	390000	
VMP-34-30	2/25/2013	951	-0.50	-0.37	OVR	OVR	8.9	1.3	87.3	1000000	485000	515000	
VMP-34-30	3/20/2013	941	-1.81	-0.38	OVR	OVR	8.9	1.2	70.1	1000000	855000	145000	
VMP-34-30	4/24/2013	1555	-1.45	NM	OVR	OVR	8.9	1.3	110	1000000	774000	226000	
VMP-34-30	5/22/2013	917	-1.43	-1.37	OVR	OVR	7.7	3.1	105	1000000	772000	228000	
VMP-34-30	6/25/2013	947	-1.19	-1.16	OVR	OVR	8.3	0.9	89.2	1000000	540000	460000	
VMP-34-30	7/24/2013	0910	-1.36	-1.23	OVR	OVR	8.8	0.8	113	1000000	450000	550000	
VMP-34-30	8/28/2013	1035	-1.24	-1.28	OVR	OVR	9.3	1.0	199	1000000	455000	545000	
VMP-34-30	9/25/2013	0928	-2.04	-1.77	OVR	OVR	10.4	1.2	183	1000000	285000	715000	
VMP-34-30	10/23/2013	0958	-2.38	-2.00	OVR	OVR	11.4	1.9	180	520000	221000	299000	
VMP-34-30	11/20/2013	0856	-1.93	-1.89	OVR	OVR	12.3	1.9	174	324000	153000	171000	
VMP-34-30	12/18/2013	0925	-1.27	-0.51	OVR	OVR	12.3	0.7	196	411000	170000	241000	
VMP-34-30	1/30/2014	0849	0.00	0.00	OVR	OVR	3.6	15.1	174	150000	69880.0	80120	Resampled due to high oxygen readings.
VMP-34-30	2/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Rolloff dumpster on top of well. Could not access.
VMP-34-30	3/19/2014	0927	-0.23	-0.32	42.1	OVR	1.8	17.2	164	32300	17200.0	15100	
VMP-34-30	4/23/2014	0844	-0.23	-0.19	11.5	OVR	0.8	19.1	155	17100	4200.0	12900	
VMP-34-30	5/21/2014	0946	0.00	0.00	0.0	0	0.0	20.9	1.2	4.37	0.0	4.37	Resampled due to low concentrations.
VMP-34-30	5/22/2014	0843	0.00	NM	0.0	0	0.0	20.9	0.6	4.17	0.0	4.17	Resample.
VMP-34-30	6/18/2014	1047	0.00	0.00	0.0	0	0.0	20.8	1.9	3.71	0.0	3.71	
VMP-34-30	7/23/2014	1130	0.00	-0.03	0.0	0	0.0	20.8	1.6	1.55	0.0	1.55	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-34-30	8/20/2014	1123	0.00	0.00	0.0	0	0.1	20.8	1.3	0.76	0.0	0.76	
VMP-34-30	9/17/2014	1230	0.00	0.00	0.0	0	0.0	20.8	1.1	2.08	0.0	2.08	
VMP-34-30	10/22/2014	1004	0.00	0.00	0.0	0	0.1	20.9	0.6	1.27	0.0	1.27	
VMP-34-30	11/19/2014	1015	0.00	0.00	0.0	0	0.0	20.8	0.7	1.95	0.0	1.95	
VMP-34-30	12/17/2014	1410	0.00	0.00	0.0	0	0.0	20.9	1.0	1.1	0.0	1.1	
VMP-34-30	1/29/2015	1500	0.00	0.00	0.0	0	0.0	20.9	1.0	1.8	0.0	1.8	
VMP-34-30	2/25/2015	1043	0.00	0.00	0.0	0	0.0	20.7	0.6	0.8	0.0	0.8	
VMP-34-30	3/25/2015	1348	0.00	0.00	0.0	0	0.0	20.9	1.3	2.9	0.0	2.9	
VMP-34-30	4/22/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-34-30	5/20/2015	1023	-1.86	-1.41	0.0	0	3.5	18.0	0.9	2.0	0.0	2.0	First sample after re-installation of port.
VMP-34-30	6/17/2015	1000	-2.08	-1.67	0.0	0	3.6	17.4	1.4	1.9	0.0	1.9	
VMP-34-30	7/22/2015	1005	-0.69	-1.30	0.0	0	3.8	17.0	0.7	0.0	0.0	0.0	
VMP-34-30	8/19/2015	1035	-1.60	-1.72	0.0	0	4.3	16.6	0.7	0.0	0.0	0.0	
VMP-34-30	9/16/2015	0959	-1.51	-1.39	0.0	0	4.8	17.2	0.7	0.3	0.0	0.3	
VMP-34-30	10/21/2015	1144	-1.07	-0.86	0.0	0	5.8	16.8	1.1	0.4	0.0	0.4	
VMP-34-30	11/23/2015	0940	-2.22	-1.28	0.0	0	4.1	18.5	0.2	0.0	0.0	0.0	
VMP-34-30-Dup	11/23/2015	0945	NM	NM	0.0	0	4.2	18.4	0.2	0	0.0	0.0	Duplicate sample.
VMP-34-30	12/16/2015	1055	1.83	-1.72	0.0	0	3.3	18.9	0.3	0	0.0	0.0	
VMP-34-30	1/20/2016	1135	-0.46	-0.16	0.0	0	4.1	18.1	0.2	0.0	0.0	0.0	
VMP-34-30	2/17/2016	1035	-1.78	-1.64	0.0	0	2.9.	19.0	0.3	0.0	0.0	0.0	
VMP-34-30-Dup	2/17/2016	1035	NM	NM	0.0	0	2.9	19.0	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-34-30	3/22/2016	1035	-0.96	-0.83	0.0	0	2.0	19.7	0.9	0.0	0.0	0.0	
VMP-34-30	4/20/2016	1040	-2.12	-0.65	0.0	0	2.0	19.7	0.8	0.0	0.0	0.0	
VMP-34-30	5/18/2016	1140	-2.70	-2.55	0.0	0	1.3	20.1	0.5	0.0	0.0	0.0	
VMP-34-30	6/21/2016	0940	-1.03	-1.00	0.0	0	1.4	19.5	0.3	0.0	0.0	0.0	
VMP-34-30	7/21/2016	1036	-0.80	-0.79	0.0	0	1.5	19.1	0.2	0.0	0.0	0.0	
VMP-34-30	8/24/2016	1036	-1.18	-1.52	0.0	0	2.0	18.4	0.6	0.2	0.0	0.2	
VMP-34-30	9/21/2016	1037	-1.68	-1.55	0.0	0	2.4	17.9	0.5	0.0	0.0	0.0	
VMP-34-30	10/20/2016	1045	-0.76	-0.69	0.0	0	3.1	17.6	0.1	0.0	0.0	0.0	
VMP-34-30	11/16/2016	1032	-0.94	-0.82	0.0	0	3.2	17.5	0.0	0.0	0.0	0.0	
VMP-34-30-Dup	11/16/2016	1032	NM	NM	0.0	0	3.2	17.4	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-34-30	12/21/2016	1149	0.00	0.00	0.0	0	4.0	16.6	0.6	1.3	0.0	1.3	
VMP-35-10	2/1/2012	1521	-0.59	-0.02	0.0	0	0.2	20.7	4.9	46.6	26.7	19.9	
VMP-35-10	2/2/2012	1031	-0.28	-0.25	0.0	0	0.2	21.0	2.4	10.9	3.1	7.9	
VMP-35-10	2/7/2012	840	-0.27	-0.24	0.0	0	0.2	20.9	3.5	2.0	0.0	2.0	
VMP-35-10	2/10/2012	1036	-0.15	-0.05	0.0	0	0.1	20.8	2.0	15.0	5.5	9.5	
VMP-35-10	2/13/2012	909	-0.13	0.02	0.0	0	0.1	20.9	0.3	2.1	0.0	2.1	
VMP-35-10	2/15/2012	1305	-0.27	-0.26	0.0	0	0.1	20.9	16.3	88.5	6.7	81.8	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-35-10	2/22/2012	1005	-0.16	-0.10	0.0	0	0.3	20.9	0.7	8.8	0.0	8.8	
VMP-35-10	2/29/2012	944	-0.31	-0.31	0.1	3	0.3	20.9	53.4	347	32.7	314	
VMP-35-10	3/21/2012	932	-0.32	-0.30	0.0	0	0.1	20.9	0.1	10.2	3.9	6.3	
VMP-35-10	4/18/2012	854	-0.35	-0.42	0.0	0	0.0	20.9	0.5	5.4	0.0	5.4	
VMP-35-10	5/16/2012	900	-0.48	-0.44	0.0	0	0.0	20.8	0.4	3.3	0.0	3.3	
VMP-35-10	6/20/2012	925	-0.37	-0.33	0.0	0	0.0	20.9	0.4	6.3	0.0	6.3	
VMP-35-10	7/18/2012	952	-0.38	-0.35	0.0	0	0.0	20.9	0.9	8.6	3.4	5.3	
VMP-35-10	8/15/2012	952	-0.37	-0.38	0.0	0	0.0	20.9	0.7	5.2	4.7	0.5	
VMP-35-10	9/19/2012	1143	-0.47	-0.45	0.0	0	0.0	20.9	0.8	3.3	0.0	3.3	
VMP-35-10	10/17/2012	926	-0.56	-0.55	0.0	0	0.0	20.9	0.3	3.2	0.0	3.2	
VMP-35-10	11/20/2012	955	-0.52	-0.40	0.0	0	0.0	20.9	0.5	4.8	0.0	4.8	
VMP-35-10	12/19/2012	1051	-0.34	-0.22	0.0	0	0.0	20.9	0.6	3.3	0.0	3.3	
VMP-35-10	1/16/2013	947	-0.30	-0.13	0.0	0	0.0	20.9	0.3	3.5	0.0	3.5	
VMP-35-10	2/25/2013	1007	-0.37	-0.32	0.0	0	0.0	20.9	0.3	3.5	0.0	3.5	
VMP-35-10	3/20/2013	948	-0.97	-0.19	0.0	0	0.0	20.8	0.8	3.9	0.0	3.9	
VMP-35-10	4/25/2013	917	-1.02	-0.98	0.0	0	0.0	20.9	0.3	2.2	0.0	2.2	
VMP-35-10	5/22/2013	938	-0.92	-0.89	0.0	0	0.0	20.9	0.6	1.5	0.0	1.5	
VMP-35-10	6/25/2013	958	-0.80	-0.73	0.0	0	0.0	20.9	0.5	3.6	0.0	3.6	
VMP-35-10	7/24/2013	0920	-0.67	-0.60	0.0	0	0.0	20.9	1.1	2.1	0.0	2.1	
VMP-35-10	8/28/2013	1015	-0.55	-0.56	0.0	0	0.1	20.8	0.5	2.3	0.0	2.3	
VMP-35-10	9/25/2013	0935	-0.91	-0.87	0.0	0	0.0	20.9	0.5	2.4	0.0	2.4	
VMP-35-10	10/23/2013	1005	-0.92	-0.79	0.0	0	0.0	20.9	0.6	2.1	0.0	2.1	
VMP-35-10	11/20/2013	0904	-0.98	-0.95	0.0	0	0.0	20.9	0.7	2.9	0.0	2.9	
VMP-35-10	12/18/2013	0937	-0.83	-0.63	0.0	0	0.0	20.9	0.5	2.23	0.0	2.2	
VMP-35-10	1/29/2014	1618	-0.64	-0.64	0.0	0	0.0	20.9	0.5	7.15	6.4	0.77	
VMP-35-10	2/19/2014	0921	-1.37	-1.32	0.0	0	0.1	20.9	0.7	1.12	0.0	1.12	
VMP-35-10	3/19/2014	929	-1.32	-1.44	0.0	0	0.1	20.9	0.7	1.23	0.0	1.23	
VMP-35-10	4/23/2014	0918	-1.56	-1.40	0.0	0	0.1	20.9	0.6	2.63	0.0	2.63	
VMP-35-10	5/21/2014	1008	-1.36	-1.32	0.0	0	0.0	20.7	0.9	2.79	0.0	2.79	
VMP-35-10	6/18/2014	1032	-1.31	-1.15	0.0	0	0.0	20.8	2.6	3.86	0.0	3.86	
VMP-35-10	7/23/2014	1104	-1.08	-0.92	0.0	0	0.1	20.7	1.3	1.5	0.0	1.5	
VMP-35-10	8/20/2014	1055	-1.25	-1.23	0.0	0	0.1	20.8	1.5	1.15	0.0	1.15	
VMP-35-10	9/17/2014	1150	-0.95	-0.99	0.0	0	0.1	20.8	1.4	1.79	0.0	1.79	
VMP-35-10	10/22/2014	1025	-1.45	-1.36	0.0	0	0.1	20.9	0.6	1.04	0.0	1.04	
VMP-35-10	11/19/2014	1040	-1.35	-1.27	0.0	0	0.1	20.8	1.0	2.85	0.0	2.85	
VMP-35-10	12/17/2014	1339	-0.77	-1.24	0.0	0	0.1	20.9	1.8	1.38	0.0	1.38	
VMP-35-10	1/29/2015	1506	-1.57	-1.61	0.0	0	0.0	20.9	1.0	1.5	0.0	1.5	
VMP-35-10-Dup	1/29/2015	1511	NM	NM	0.0	0	0.0	20.9	1.1	1.5	0.0	1.5	Duplicate sample.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-35-10	2/25/2015	1059	-1.09	-0.90	0.0	0	0.1	20.7	0.6	0.7	0.0	0.7	
VMP-35-10	3/25/2015	1325	-1.58	-1.34	0.0	0	0.1	20.8	1.1	2.4	0.0	2.4	
VMP-35-10	4/22/2015	1115	-1.71	-1.52	0.0	0	0.0	20.9	1.6	1.2	0.0	1.2	
VMP-35-10	5/20/2015	1042	-0.86	-1.69	0.0	0	0.0	20.9	0.3	2.0	0.0	2.0	
VMP-35-10	6/17/2015	1010	-1.91	-1.99	0.0	0	0.0	20.9	1.0	2.0	0.0	2.0	
VMP-35-10	7/22/2015	1014	-1.64	-1.61	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	
VMP-35-10	8/19/2015	1040	-1.79	-1.69	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-10	9/16/2015	1013	-1.48	-1.38	0.0	0	0.0	20.9	0.5	0.8	0.0	0.8	
VMP-35-10	10/21/2015	1121	-1.02	-0.95	0.0	0	0.0	20.9	0.6	1.3	0.0	1.3	
VMP-35-10	11/23/2015	1010	-2.26	-1.95	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-35-10	12/16/2015	1100	-2.36	-2.21	0.0	0	0.0	20.9	0.3	0	0.0	0.0	
VMP-35-10	1/20/2016	1420	-0.87	-0.86	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-35-10	2/17/2016	1045	-1.80	-1.76	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-10	3/22/2016	1040	-1.61	-1.52	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-10	4/20/2016	1050	-0.73	-0.27	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-10	5/18/2016	1110	-3.15	-3.08	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-10	6/21/2016	0950	-1.49	-1.59	0.0	0	0.0	20.9	0.4	0.2	0.0	0.2	
VMP-35-10	7/21/2016	1052	-1.39	-1.26	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	8/24/2016	1109	-2.14	-2.11	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-35-10	9/21/2016	1050	-2.22	-2.08	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-35-10	10/20/2016	1100	-1.52	-1.47	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-35-10	11/16/2016	1125	-1.26	-1.21	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-10	12/21/2016	1105	-0.96	-0.79	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	2/1/2012	1522	-0.36	-0.09	OVR	OVR	7.7	2.2	140	230000	155000	75000	
VMP-35-20	2/2/2012	1032	-0.88	-0.76	OVR	OVR	6.7	6.2	106	166000	125000	41000	
VMP-35-20	2/7/2012	840	-0.83	-0.70	OVR	OVR	7.4	5.1	102	174000	155000	19000	
VMP-35-20	2/10/2012	1037	-0.59	-0.02	OVR	OVR	6.9	5.0	117	189000	136000	53000	
VMP-35-20	2/13/2012	910	-0.57	-0.05	OVR	OVR	6.8	4.8	107	255000	161000	94000	
VMP-35-20	2/15/2012	1306	-0.71	-0.65	OVR	OVR	6.5	2.6	110	736000	266000	470000	
VMP-35-20	2/22/2012	1006	-0.42	-0.29	OVR	OVR	8.1	1.7	144	800000	205000	595000	
VMP-35-20	2/29/2012	945	-0.80	-0.80	OVR	OVR	7.4	4.8	136	233000	123000	110000	
VMP-35-20	3/21/2012	932	-0.85	-0.80	33.4	OVR	4.2	10.3	51.1	137000	113000	24000	
VMP-35-20	4/18/2012	854	-0.98	-1.07	20.5	OVR	3.5	11.2	100	31600	24900	6700	
VMP-35-20	5/16/2012	921	-1.32	-1.26	20.7	OVR	2.0	15.6	180	17600	11200	6400	
VMP-35-20	6/20/2012	926	-1.08	-0.95	2.5	50	1.0	18.2	86.0	2840	2600	240	
VMP-35-20	7/18/2012	953	-1.08	-1.03	0.9	19	1.0	18.4	53.6	3534	2039	1495	
VMP-35-20	8/15/2012	953	-1.01	-1.10	9.0	OVR	1.8	17.0	252	7030	2790	4240	
VMP-35-20	9/19/2012	1145	-1.38	-1.33	6.7	OVR	1.6	17.7	307	5800	1500	4300	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-35-20	10/17/2012	927	-1.39	-1.35	20.7	OVR	4.0	14.1	383	6100	1600	4500	
VMP-35-20	11/20/2012	959	-1.34	-1.08	1.9	38	2.6	16.4	214	1500	635	865	
VMP-35-20	12/19/2012	1055	-0.93	-0.69	1.4	28	2.2	17.1	175	1320	510	810	
VMP-35-20	1/16/2013	950	-0.82	-0.37	0.7	14	2.8	16.3	106	1820	1100	720	
VMP-35-20	2/25/2013	1011	-0.95	-0.78	1.0	20	1.9	17.9	60.1	2470	1440	1030	
VMP-35-20	3/20/2013	952	-2.33	-0.48	0.0	1	0.4	20.5	14.9	260	162	98.0	
VMP-35-20	4/25/2013	924	-2.35	-2.27	0.2	4	0.5	20.0	31.3	720	390	330	
VMP-35-20	5/22/2013	939	-2.09	-2.04	0.0	0	0.3	20.7	5.0	148	111	37.0	
VMP-35-20	6/25/2013	1004	-1.95	-1.87	0.0	0	0.5	20.5	5.1	67.6	42.4	25.2	
VMP-35-20	7/24/2013	0925	-2.00	-1.93	0.0	0	0.3	20.7	1.1	4.3	0.0	4.3	
VMP-35-20	8/28/2013	1016	-2.11	-2.12	0.0	0	0.3	20.6	6.2	26.5	5.4	21.1	
VMP-35-20	9/25/2013	0939	-3.33	-3.10	0.4	8	1.4	19.4	125	710	90.9	619	Resampled due to anomalous readings.
VMP-35-20	9/26/2013	1319	-2.77	NM	0.6	12	1.6	18.9	174	927	196	731	Resample.
VMP-35-20	10/23/2013	1009	-3.39	-3.05	0.5	11	1.2	19.7	132	739	58.9	680	
VMP-35-20	11/20/2013	0908	-3.66	-3.40	0.8	17	3.3	16.9	157	1140	272	868	
VMP-35-20	12/18/2013	0941	-2.34	-1.79	2.5	50	3.4	16.3	377	1500	165	1335	
VMP-35-20	1/29/2014	1622	-1.60	-1.20	0.0	0	0.6	20.2	4.8	36.9	10.8	26.1	Resampled due to possible dillution.
VMP-35-20	1/31/2014	0917	-2.07	NM	0.0	0	0.3	20.3	2.9	24.9	9.8	15.15	Resample.
VMP-35-20	2/19/2014	0925	-2.52	-2.45	0.0	0	0.3	20.8	2.1	4.91	0.0	4.91	
VMP-35-20	3/19/2014	0934	-2.42	-2.25	0.0	0	0.6	20.4	0.9	1.19	0.0	1.19	
VMP-35-20	4/23/2014	0922	-2.86	-0.94	0.0	0	0.3	20.6	0.7	2.49	0.0	2.49	
VMP-35-20	5/21/2014	1011	-1.41	-1.64	0.0	0	0.1	20.6	1.0	2.57	0.0	2.57	
VMP-35-20	6/18/2014	1032	-0.60	-0.73	0.0	0	0.1	20.7	3.6	3.06	0.0	3.06	
VMP-35-20	7/23/2014	1109	-0.71	-0.55	0.0	0	0.4	20.3	2.0	2.03	0.0	2.03	
VMP-35-20	8/20/2014	1100	-0.76	-0.71	0.0	0	0.8	20.1	4.1	6.63	1.3	5.33	
VMP-35-20	9/17/2014	1155	-0.46	-0.46	0.0	0	1.3	19.3	4.5	10.28	1.8	8.52	
VMP-35-20	10/22/2014	1026	-0.82	-0.64	0.0	0	0.1	20.9	0.5	1.24	0.0	1.24	
VMP-35-20-Dup	10/22/2014	1028	NM	NM	0.0	0	0.3	20.7	0.6	1.44	0.0	1.44	Duplicate sample.
VMP-35-20	11/19/2014	1041	-0.97	-0.63	0.0	0	1.0	19.6	2.3	5.69	0.0	5.69	
VMP-35-20	12/17/2014	1344	-1.09	-1.47	0.0	0	0.6	20.3	2.0	1.3	0.0	1.3	
VMP-35-20	1/29/2015	1516	-2.40	-1.74	0.0	0	0.6	20.2	1.9	1.8	0.0	1.8	
VMP-35-20	2/25/2015	1104	-1.28	-0.95	0.0	0	0.7	20.0	0.7	0.6	0.0	0.6	
VMP-35-20	3/25/2015	1323	-1.75	-1.45	0.0	0	0.8	19.8	1.6	3.9	0.0	3.9	
VMP-35-20	4/22/2015	1119	-2.10	-1.60	0.0	0	0.6	20.6	0.6	1.5	0.0	1.5	
VMP-35-20	5/20/2015	1047	-1.43	-0.76	0.0	0	0.0	20.9	0.4	2.2	0.0	2.2	
VMP-35-20	6/17/2015	1015	-3.86	-2.83	0.0	0	0.6	20.0	1.1	1.7	0.0	1.7	
VMP-35-20	7/22/2015	1020	-3.20	-0.89	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-20	8/19/2015	1045	-1.07	-1.83	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-35-20	9/16/2015	1018	-0.77	-0.64	0.0	0	0.0	20.9	0.3	0.6	0.0	0.6	
VMP-35-20	10/21/2015	1125	-0.56	-0.37	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-35-20	11/23/2015	1015	-2.41	-0.41	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-35-20	12/16/2015	1105	-2.59	-2.41	0.0	0	0.0	20.9	0.4	0	0.0	0.0	
VMP-35-20-Dup	12/16/2015	1105	NM	NM	0.0	0	0.0	20.9	0.4	0	0.0	0.0	Duplicate sample.
VMP-35-20	1/20/2016	1425	-0.89	-0.84	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-20	2/17/2016	1050	-1.99	-1.90	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-35-20	3/22/2016	1045	-1.06	-0.67	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-35-20	4/20/2016	1055	-5.42	-0.12	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-20-Dup	4/20/2016	1055	NM	NM	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-35-20	5/18/2016	1115	-1.44	-1.39	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-20	6/21/2016	0955	-0.50	-0.54	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-35-20	7/21/2016	1056	-0.69	-0.58	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20-Dup	7/21/2016	1056	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-35-20	8/24/2016	1110	-0.89	-0.82	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-35-20	9/21/2016	1052	-0.87	-0.75	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	10/20/2016	1101	-0.70	-0.63	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-20	11/16/2016	1126	-0.41	-0.35	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-35-20	12/21/2016	1112	-0.33	-0.26	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	2/1/2012	1523	-0.33	-0.08	0.0	0	0.2	20.9	4.1	40.0	20.6	19.4	
VMP-35-30	2/2/2012	1033	-1.01	-0.88	OVR	OVR	3.7	2.5	38.8	1000000	1000000	0.0	
VMP-35-30	2/7/2012	840	-0.85	-0.75	OVR	OVR	3.8	1.5	35.9	1000000	1000000	0.0	
VMP-35-30	2/10/2012	1037	-0.51	20.10	OVR	OVR	3.5	2.0	39.4	1000000	1000000	0.0	
VMP-35-30	2/13/2012	911	-0.46	0.11	OVR	OVR	3.4	2.0	34.3	1000000	1000000	0.0	
VMP-35-30	2/15/2012	1307	-0.57	-0.53	OVR	OVR	3.6	1.6	41.7	1000000	1000000	0.0	
VMP-35-30	2/22/2012	1007	-0.28	-0.20	OVR	OVR	3.6	2.1	44.0	1000000	1000000	0.0	
VMP-35-30	2/29/2012	946	-0.78	-0.77	OVR	OVR	3.5	1.7	48.2	1000000	1000000	0.0	
VMP-35-30	3/21/2012	932	-0.95	-0.92	OVR	OVR	3.3	0.9	50.5	1000000	1000000	0.0	
VMP-35-30	4/18/2012	854	-1.04	-1.12	OVR	OVR	3.1	0.8	45.0	1000000	1000000	0.0	
VMP-35-30	5/16/2012	922	-1.50	-1.46	OVR	OVR	3.1	1.0	50.0	1000000	1000000	0.0	
VMP-35-30	6/20/2012	927	-1.25	-1.04	OVR	OVR	3.0	0.6	65.0	1000000	1000000	0.0	
VMP-35-30	7/18/2012	954	-1.28	-1.20	OVR	OVR	2.8	1.6	34.5	1000000	1000000	0.0	
VMP-35-30	8/15/2012	953	-1.25	-1.26	OVR	OVR	3.3	2.0	62.0	1000000	1000000	0.0	
VMP-35-30	9/19/2012	1147	-1.60	-1.57	OVR	OVR	3.6	3.1	65.6	1000000	762000	238000	
VMP-35-30	10/17/2012	928	-1.57	-1.49	OVR	OVR	4.5	1.2	52.2	1000000	1000000	0.0	
VMP-35-30	11/20/2012	1003	-1.57	-1.27	OVR	OVR	4.5	2.8	95.0	1000000	419000	581000	
VMP-35-30	12/19/2012	1059	-1.17	-0.84	OVR	OVR	5.4	1.3	96.2	1000000	1000000	0.0	
VMP-35-30	1/16/2013	953	-0.95	-0.46	OVR	OVR	5.8	0.8	66.3	1000000	1000000	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-35-30	2/25/2013	1015	-1.09	-0.83	OVR	OVR	5.8	1.8	52.1	1000000	770000	230000	
VMP-35-30	3/20/2013	956	-2.67	-0.56	OVR	OVR	6.0	1.6	46.7	1000000	1000000	0.0	
VMP-35-30	4/25/2013	930	-2.64	-2.55	OVR	OVR	6.6	0.4	95.0	1000000	1000000	0.0	
VMP-35-30	5/22/2013	940	-2.30	-2.24	OVR	OVR	5.7	3.3	108	1000000	961000	39000	
VMP-35-30	6/25/2013	1010	-2.16	-2.03	OVR	OVR	5.9	1.0	83.9	1000000	574000	426000	
VMP-35-30	7/24/2013	0931	-2.31	-2.19	OVR	OVR	6.3	1.1	101	1000000	1000000	0.0	
VMP-35-30	8/28/2013	1017	-2.48	-2.50	OVR	OVR	6.0	2.6	110	1000000	890000	110000	
VMP-35-30	9/25/2013	0943	-3.81	-3.53	OVR	OVR	6.5	1.5	126	1000000	1000000	0.0	
VMP-35-30	10/23/2013	1013	-3.79	-3.44	OVR	OVR	7.2	1.9	123	1000000	570000	430000	
VMP-35-30	11/20/2013	0912	-4.13	-3.99	OVR	OVR	8.3	0.5	108	1000000	397000	603000	
VMP-35-30	12/18/2013	0945	-2.68	-1.99	OVR	OVR	8.3	0.9	145	1000000	244000	756000	
VMP-35-30	1/29/2014	1626	-2.11	-2.08	OVR	OVR	8.3	2.5	121	1000000	225000.0	775000	
VMP-35-30	2/19/2014	0929	-4.05	-3.80	OVR	OVR	4.3	12.1	127	221000	91050.0	129950	
VMP-35-30	3/19/2014	0939	-1.85	-3.45	OVR	OVR	2.1	17.4	160	77200	38400.0	38800	
VMP-35-30	4/23/2014	0926	-4.31	-4.03	OVR	OVR	4.4	11.4	159	299000	111000.0	188000	
VMP-35-30	5/21/2014	1016	-3.45	-3.00	OVR	OVR	3.1	14.3	188	203000	71550.0	131450	
VMP-35-30	6/18/2014	1032	-1.17	-1.02	OVR	OVR	2.0	16.0	214	152000	52890.0	99110	
VMP-35-30	7/23/2014	1114	-1.32	-1.11	68.8	OVR	0.9	19.2	293	40790	17670.0	23120	
VMP-35-30	8/20/2014	1105	-1.36	-1.37	80.4	OVR	1.1	18.3	271	48490	21620.0	26870	
VMP-35-30-Dup	8/20/2014	1110	NM	NM	OVR	OVR	1.4	17.7	265	52200	27200.0	25000	Duplicate Sample
VMP-35-30	9/17/2014	1200	-0.93	-0.97	OVR	OVR	2.1	17.1	278	97650	32670.0	64980	
VMP-35-30	10/22/2014	1027	-1.52	-1.26	2.8	58	0.3	20.6	171	5850	2258.0	3592	Resampled to verify initial readings.
VMP-35-30	10/23/2014	1316	-0.92	NM	7.5	OVR	0.4	20.3	268	10600	3370.0	7230	Resample.
VMP-35-30	11/19/2014	1041	-1.30	-1.29	31.5	OVR	0.9	19.4	390	31300	11400.0	19900	
VMP-35-30	12/17/2014	1349	-0.56	-0.96	OVR	OVR	1.9	18.0	379	53800	19100.0	34700	
VMP-35-30	1/29/2015	1521	-1.38	-1.89	0.6	12	0.1	20.8	45.7	1643	984	659.0	Resampled due to elevated oxygen concentration.
VMP-35-30	1/30/2015	1500	NM	NM	1.7	34	0.2	20.5	39.0	3213	1810	1403.0	Resample.
VMP-35-30	2/25/2015	1109	-1.35	-0.88	OVR	OVR	2.1	17.3	366	44950	16750	28200.0	
VMP-35-30	3/25/2015	1332	-1.85	-1.75	17.2	OVR	0.7	19.6	315	14320	6690	7630.0	
VMP-35-30	4/22/2015	1123	-1.55	-1.71	1.1	23	0.2	20.5	120	2730	1460	1270.0	Resample due to elevated oxygen concentration.
VMP-35-30	4/24/2015	1313	-0.66	NM	36.9	OVR	0.9	19.1	396	39300	9368	29932.0	Resample.
VMP-35-30	5/20/2015	1047	-1.43	-1.28	0.0	0	0.0	20.9	0.2	0.5	0.0	0.5	Re-sampled due to ambient O2 in tedlar.
VMP-35-30	5/22/2015	0920	-1.58	NM	1.9	39	0.2	20.4	116	4160	1550	2610.0	Resample.
VMP-35-30	6/17/2015	1020	-3.40	-3.93	OVR	OVR	2.9	15.7	160	81500	25400	56100.0	
VMP-35-30-Dup	6/17/2015	1020	NM	NM	OVR	OVR	3.3	15.1	158	95900	28700	67200.0	Duplicate sample.
VMP-35-30	7/22/2015	1025	-0.95	-1.11	0.0	0	0.0	20.9	0.3	1	0.0	0.9	Re-sampled due to ambient O2 in tedlar.
VMP-35-30	7/23/2015	0931	-1.49	NM	OVR	OVR	2.2	16.7	224	57650	20310	37340.0	Re-sample.
VMP-35-30	8/19/2015	1050	-1.82	-1.52	47.9	OVR	1.2	18.7	299	69000	12615	56385.0	

APPENDIX 3-D
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Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-35-30-Dup	8/19/2015	1050	NM	NM	55.6	OVR	1.3	18.5	292	75428	13685	61743.0	Duplicate sample.
VMP-35-30	9/16/2015	1023	-0.70	-0.28	0.0	0	0.0	20.9	0.3	0	0.0	0.0	Resampled due to elevated oxygen concentration.
VMP-35-30	9/18/2015	1231	-0.39	NM	0.0	0	0.0	20.9	0.4	0	0.0	0.0	Resample.
VMP-35-30	10/21/2015	1128	-0.13	0.00	0.0	0	0.0	20.9	0.8	1	0.0	0.6	
VMP-35-30	11/23/2015	1020	-0.55	-0.39	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-35-30	12/16/2015	1110	-0.57	-0.52	0.0	0	0.0	20.9	0.4	0.3	0.0	0.3	
VMP-35-30	1/20/2016	1430	-1.00	-0.36	40.6	OVR	2.0	18.0	366	48500	14383	34117	
VMP-35-30	2/17/2016	1055	-0.93	-0.70	0.9	19	0.2	20.4	94.2	2660	1692	968	
VMP-35-30	3/22/2016	1050	-0.63	-0.29	0.0	0	0.0	20.9	0.4	0.1	0.0	0.1	
VMP-35-30	4/20/2016	1100	-1.70	-0.14	6.4	OVR	1.3	18.7	220	11100	6820	4280	
VMP-35-30	5/18/2016	1120	-8.22	-6.51	65.5	OVR	3.2	15.9	427	102700	17403	85297	
VMP-35-30	6/21/2016	1000	-3.78	-3.89	OVR	OVR	4.8	12.5	219	62860	21980	40880	
VMP-35-30	7/21/2016	1103	-2.37	-1.36	6.3	OVR	0.8	19.7	265	6860	2153	4707	
VMP-35-30	8/24/2016	1111	-1.84	-1.27	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-35-30-Dup	8/24/2016	1111	NM	NM	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-35-30	9/21/2016	1054	-1.62	-1.06	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30-Dup	9/21/2016	1054	NM	NM	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-35-30	10/20/2016	1105	-0.99	-0.66	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-35-30	11/16/2016	1127	-0.43	-0.37	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30	12/21/2016	1114	-0.30	-0.26	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-35-30-Dup	12/21/2016	1114	NM	NM	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-36-10	2/1/2012	1649	-0.34	-0.29	0.0	0	0.3	20.6	4.7	18.0	0.0	18.0	
VMP-36-10	2/2/2012	917	-0.74	-0.60	0.0	0	0.2	20.8	1.7	6.4	0.0	6.4	
VMP-36-10	2/7/2012	1003	-0.41	-0.36	0.0	0	0.2	20.9	2.4	7.6	0.0	7.6	
VMP-36-10	2/10/2012	1023	-0.36	-0.01	0.0	0	0.1	20.8	1.7	8.3	4.3	4.0	
VMP-36-10	2/13/2012	1049	0.00	-0.10	0.0	0	0.2	20.8	0.5	2.5	0.0	2.5	
VMP-36-10	2/15/2012	1222	-0.44	-0.21	0.0	0	0.2	20.9	2.6	14.7	4.7	10.0	
VMP-36-10	2/22/2012	804	0.00	-0.25	0.0	0	0.4	20.5	1.4	6.9	3.9	3.0	
VMP-36-10	2/29/2012	1346	-0.06	0.06	0.0	0	0.9	20.2	12.5	57.7	0.0	57.7	
VMP-36-10	3/21/2012	1100	-0.24	-0.23	0.0	0	0.3	20.7	2.9	33.9	0.0	33.9	
VMP-36-10	4/18/2012	845	-0.36	-0.11	0.0	0	0.1	20.9	0.2	2.2	0.0	2.2	
VMP-36-10	5/16/2012	955	-0.65	-0.64	0.0	0	0.2	20.7	0.6	1.0	0.0	1.0	
VMP-36-10	6/20/2012	1036	-0.17	-0.35	0.0	0	0.1	20.6	1.0	0.8	0.0	0.8	
VMP-36-10	7/18/2012	1115	-0.20	-0.14	0.0	0	0.1	20.8	1.0	5.4	0.0	5.4	
VMP-36-10	8/15/2012	1045	-0.24	-0.21	0.0	0	0.2	20.7	1.0	7.2	5.6	1.6	
VMP-36-10	9/19/2012	1004	-0.42	-0.44	0.0	0	0.1	20.8	0.6	3.3	0.0	3.3	
VMP-36-10	10/17/2012	1021	-0.50	-0.47	0.0	0	0.1	20.8	0.6	4.2	0.0	4.2	
VMP-36-10	11/20/2012	1042	-0.40	-0.38	0.0	0	0.1	20.8	0.5	2.8	0.0	2.8	

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Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-36-10	12/19/2012	1005	-0.48	-0.44	0.0	0	0.1	20.8	0.7	3.2	0.0	3.2	
VMP-36-10	1/16/2013	1110	-0.16	-0.07	0.0	0	0.1	20.8	0.2	2.0	0.0	2.0	
VMP-36-10	2/25/2013	1430	0.18	0.15	0.0	0	0.2	19.8	0.4	1.8	0.0	1.8	
VMP-36-10	3/20/2013	1140	-0.18	-0.17	0.0	0	0.0	20.9	0.8	2.9	0.0	2.9	
VMP-36-10	4/25/2013	1051	-1.00	-1.01	0.0	0	0.0	20.9	0.2	1.8	0.0	1.8	
VMP-36-10	5/22/2013	1103	-0.85	-0.81	0.0	0	0.0	20.9	0.5	1.5	0.0	1.5	
VMP-36-10	6/25/2013	1021	-0.79	-0.79	0.0	0	0.2	20.8	0.3	2.5	0.0	2.5	
VMP-36-10	7/24/2013	0957	-0.69	-0.69	0.0	0	0.1	20.8	0.8	8.2	5.1	3.1	
VMP-36-10	8/28/2013	1006	-0.57	-0.57	0.0	0	0.1	20.8	0.8	6.2	5.7	0.5	
VMP-36-10	9/25/2013	1044	-0.80	-0.21	0.0	0	0.1	20.8	0.9	3.3	0.0	3.3	
VMP-36-10	10/23/2013	1037	-0.82	-0.81	0.0	0	0.1	20.9	0.5	2.9	0.0	2.9	
VMP-36-10	11/20/2013	1003	-0.99	-0.94	0.0	0	0.1	20.9	0.5	2.2	0.0	2.2	
VMP-36-10	12/18/2013	1205	-0.60	-0.59	0.0	0	0.1	20.9	0.3	0.5	0.0	0.5	
VMP-36-10	1/29/2014	1401	-0.52	-0.44	0.0	0	0.0	20.9	0.4	2.93	0.0	2.93	
VMP-36-10	2/19/2014	1045	-0.58	-0.84	0.0	0	0.1	20.7	0.6	1.16	0.0	1.16	
VMP-36-10	3/19/2014	0859	-0.89	-0.97	0.0	0	0.1	20.9	0.8	1.84	0.0	1.84	
VMP-36-10	4/23/2014	0943	-0.83	-0.81	0.0	0	0.0	20.9	0.8	3.12	0.0	3.12	
VMP-36-10	5/21/2014	1038	-0.54	-0.07	0.0	0	0.0	20.7	1.2	2.59	0.0	2.59	
VMP-36-10	6/18/2014	1012	-0.19	0.00	0.0	0	0.0	20.8	1.8	3.37	0.0	3.37	
VMP-36-10	7/23/2014	1045	0.00	-0.05	0.0	0	0.0	20.8	2.5	1.87	0.0	1.87	
VMP-36-10	8/20/2014	1042	0.08	0.00	0.0	0	0.0	20.8	1.5	0.78	0.0	0.78	
VMP-36-10	9/17/2014	1130	0.00	0.00	0.0	0	0.0	20.9	1.1	2.04	0.0	2.04	
VMP-36-10	10/22/2014	1049	0.00	-0.08	0.0	0	0.1	20.9	0.6	1.3	0.0	1.3	
VMP-36-10	11/19/2014	1058	0.00	0.00	0.0	0	0.0	20.9	0.8	1.85	0.0	1.85	
VMP-36-10	12/17/2014	1143	0.00	0.00	0.0	0	0.0	20.9	0.7	1.82	0.0	1.82	
VMP-36-10-Dup	12/17/2014	0000	NM	NM	0.0	0	0.0	20.9	0.6	1.97	0.0	1.97	Duplicate sample.
VMP-36-10	1/28/2015	1521	0.00	0.00	0.0	0	0.0	20.9	0.7	1.2	0.0	1.2	
VMP-36-10	2/25/2015	1121	0.00	0.00	0.0	0	0.0	20.8	0.6	0.7	0.0	0.7	
VMP-36-10	3/25/2015	1304	0.00	0.00	0.0	0	0.0	20.9	0.9	2.9	0.0	2.9	
VMP-36-10	4/22/2015	1133	0.00	0.00	0.0	0	0.0	20.9	0.6	1.9	0.0	1.9	
VMP-36-10	5/20/2015	1057	0.00	-0.11	0.0	0	0.0	20.9	0.4	1.4	0.0	1.4	
VMP-36-10	6/17/2015	1035	-0.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-36-10	7/22/2015	1048	-0.42	-0.15	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-36-10	8/19/2015	1110	-0.32	0.0	0.0	0	0.0	20.9	0.3	0.3	0.0	0.3	
VMP-36-10	9/16/2015	1032	0.00	0.00	0.0	0	0.0	20.9	0.6	0.9	0.0	0.9	
VMP-36-10	10/21/2015	1106	0.00	0.00	0.0	0	0.0	20.9	0.5	0.9	0.0	0.9	
VMP-36-10	11/23/2015	1040	0.00	0.00	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-36-10	12/16/2015	1125	-0.10	-0.09	0.0	0	0.0	20.9	0.1	0	0.0	0.0	

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Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-36-10	1/20/2016	1155	2.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-36-10	2/17/2016	1100	0.18	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-36-10	3/22/2016	1100	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-36-10	4/20/2016	1105	-4.98	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	5/18/2016	1055	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	6/21/2016	1025	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-36-10	7/21/2016	1118	0.00	0.00	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-36-10	8/24/2016	1140	0.00	0.0	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-36-10	9/21/2016	1115	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-10	10/20/2016	1130	-0.28	-0.20	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-10	11/16/2016	1145	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-36-10	12/21/2016	1047	-0.39	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-36-20	2/1/2012	1650	-0.53	-0.05	OVR	OVR	8.2	3.6	98.6	1000000	770000	230000	
VMP-36-20	2/2/2012	918	-0.92	-0.57	OVR	OVR	8.7	1.5	80.0	1000000	480000	520000	
VMP-36-20	2/7/2012	1004	-0.68	-0.63	OVR	OVR	8.7	1.3	81.7	919000	558000	361000	
VMP-36-20	2/10/2012	1024	-0.59	-0.54	OVR	OVR	8.2	1.5	74.3	1000000	930000	70000	
VMP-36-20	2/13/2012	1050	-0.20	0.15	OVR	OVR	8.2	1.5	67.6	1000000	931000	69000	
VMP-36-20	2/15/2012	1223	-1.21	0.14	OVR	OVR	8.3	1.2	76.5	1000000	1000000	0.0	
VMP-36-20	2/22/2012	805	-0.60	-0.26	OVR	OVR	8.6	0.9	81.5	1000000	470000	530000	
VMP-36-20	2/29/2012	1347	-0.35	0.14	OVR	OVR	8.2	1.6	100	1000000	710000	290000	
VMP-36-20	3/21/2012	1101	0.05	0.50	OVR	OVR	8.0	0.6	118	1000000	1000000	0.0	
VMP-36-20	4/18/2012	845	-0.60	-0.19	OVR	OVR	7.4	1.2	142	752000	324000	428000	
VMP-36-20	5/16/2012	955	-1.05	-1.06	OVR	OVR	7.1	2.8	180	735000	217000	518000	
VMP-36-20	6/20/2012	1041	-0.63	-0.56	OVR	OVR	6.7	3.0	189	266000	105000	161000	
VMP-36-20	7/18/2012	1119	-0.37	-0.25	OVR	OVR	5.9	6.5	95.0	416000	123000	293000	
VMP-36-20	8/15/2012	1050	-0.42	-0.36	OVR	OVR	9.5	1.1	149	183000	106000	77000	
VMP-36-20	9/19/2012	1004	-0.78	-0.77	OVR	OVR	8.3	3.4	245	264000	54200	209800	
VMP-36-20	10/17/2012	1022	-0.90	-0.82	OVR	OVR	8.4	1.1	235	253000	37100	215900	
VMP-36-20	11/20/2012	1046	-0.72	-0.68	OVR	OVR	8.5	1.0	349	262000	41400	220600	
VMP-36-20	12/19/2012	1010	-0.84	-0.74	OVR	OVR	9.1	0.9	410	180000	41100	138900	
VMP-36-20	1/16/2013	1115	-0.27	-0.18	OVR	OVR	8.9	1.5	318	153000	37200	115800	
VMP-36-20	2/25/2013	1434	0.13	0.24	OVR	OVR	8.8	1.1	233	106000	29100	76900	
VMP-36-20	3/20/2013	1144	-0.34	-0.32	OVR	OVR	5.9	6.7	387	91600	19700	71900	
VMP-36-20	4/25/2013	1057	-1.69	-1.57	10.9	OVR	3.6	12.2	220	6500	3100	3400	
VMP-36-20	5/22/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-36-20	6/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-36-20	7/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-36-20	8/28/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-36-20	9/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-36-20	10/23/2013	1042	-1.20	-1.39	13.8	OVR	4.6	11.2	197	12600	7000	5600	
VMP-36-20	11/20/2013	1008	-1.72	-1.61	87.4	OVR	7.2	5.3	477	20570	6140	14430	
VMP-36-20	12/18/2013	1210	-1.08	-1.04	OVR	OVR	8.8	2.4	588	72900	15600	57300	Resampled due to elevated readings.
VMP-36-20	12/19/2013	1450	-1.36	NM	OVR	OVR	9.2	1.1	550	81000	18200	62800	Resample.
VMP-36-20	1/29/2014	1405	-1.14	-1.18	33.1	OVR	6.5	6.5	320	19050	7790.0	11260	
VMP-36-20	2/19/2014	1045	-1.45	-2.05	0.1	2	4.8	16.8	28.5	124	18.7	105.3	Resampled.
VMP-36-20	2/25/2014	1028	0.00	NM	0.0	0	0.1	20.9	1.3	3.75	0.0	3.75	Resample.
VMP-36-20	3/19/2014	0900	-2.12	-2.28	0.0	0	5.2	16.6	26.7	158	32.7	125.3	
VMP-36-20	4/23/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-36-20	5/21/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-36-20	6/18/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-36-20	7/23/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-36-20	8/20/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-36-20	9/17/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-36-20	10/22/2014	1050	-0.57	-0.33	0.0	0	0.1	20.9	0.6	1.23	0.0	1.23	
VMP-36-20	11/19/2014	1059	-0.21	-0.21	0.0	0	0.0	20.9	0.8	1.92	0.0	1.92	
VMP-36-20	12/17/2014	1153	-0.31	-0.34	0.0	0	0.1	20.9	3.8	16.75	7.7	9.05	
VMP-36-20	1/28/2015	1526	-0.20	-0.17	0.0	0	0.1	20.9	9.2	174	123	51.0	
VMP-36-20	2/25/2015	1126	-0.28	-0.28	0.0	0	0.1	20.8	1.3	15.6	11.3	4.3	
VMP-36-20	3/25/2015	1308	-0.71	-0.46	0.0	0	0.1	20.8	1.3	4.1	0.0	4.1	
VMP-36-20	4/22/2015	1137	-0.38	-0.20	0.0	0	0.0	20.9	0.7	1.2	0.0	1.2	
VMP-36-20	5/20/2015	1103	-0.27	-0.39	0.0	0	0.0	20.9	0.4	1.7	0.0	1.7	
VMP-36-20	6/17/2015	1040	-0.36	-0.37	0.0	0	0.0	20.9	1.1	3.0	0.0	3.0	
VMP-36-20	7/22/2015	1053	0.00	-0.27	0.0	0	0.0	20.9	0.4	0.9	0.0	0.9	
VMP-36-20	8/19/2015	1115	0.00	-0.22	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-36-20	9/16/2015	1037	-0.16	-0.15	0.0	0	0.0	20.9	1.3	0.6	0.0	0.6	
VMP-36-20	10/21/2015	1111	-0.13	0.00	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	
VMP-36-20	11/23/2015	1045	-1.37	-0.91	0.1	3	0.6	19.4	19.5	296	129	167.0	
VMP-36-20	11/24/2015	1423	-0.74	NM	0.0	0	0.0	20.9	0.4	7.8	7.8	0.0	Resample.
VMP-36-20	12/16/2015	1130	-1.23	-1.05	0.0	0	0.0	20.9	0.8	11.2	7.4	3.8	
VMP-36-20	1/20/2016	1200	-1.71	-1.50	0.0	0	5.9	16.8	0.4	1.0	0.0	1.0	
VMP-36-20	2/17/2016	1105	-0.38	-0.43	0.0	0	0.0	20.9	0.4	7.2	6.5	0.7	
VMP-36-20	3/22/2016	1105	-0.25	-0.36	0.0	0	0.0	20.9	0.4	1.8	0.0	1.8	
VMP-36-20	4/20/2016	1110	-2.15	-0.12	0.0	0	0.0	20.9	0.3	9.9	8.5	1.4	
VMP-36-20	5/18/2016	1100	-0.95	-0.88	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-36-20	6/21/2016	1030	-0.30	-0.23	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-36-20	7/21/2016	1120	-0.26	-0.25	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-36-20	8/24/2016	1141	-0.34	-0.30	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-36-20	9/21/2016	1118	-0.36	-0.32	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-20	10/20/2016	1132	-0.57	-0.50	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-20	11/16/2016	1146	-0.24	-0.20	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-36-20	12/21/2016	1049	-0.30	-0.20	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-30	2/1/2012	1651	-0.25	-0.23	OVR	OVR	8.1	1.0	140	1000000	425000	575000	
VMP-36-30	2/2/2012	920	-1.08	-0.87	OVR	OVR	8.0	1.5	130	1000000	472000	528000	
VMP-36-30	2/7/2012	1005	-0.57	-0.49	OVR	OVR	8.2	1.2	131	1000000	521000	479000	
VMP-36-30	2/10/2012	1025	-0.98	-0.35	OVR	OVR	7.6	2.0	122	1000000	1000000	0.0	
VMP-36-30	2/13/2012	1051	-0.36	-0.17	OVR	OVR	6.6	3.0	104	1000000	263000	737000	
VMP-36-30	2/15/2012	1224	-1.61	-0.89	OVR	OVR	6.2	1.6	95.0	1000000	986000	14000	
VMP-36-30	2/22/2012	806	-0.71	-0.73	OVR	OVR	5.0	1.4	70.3	1000000	1000000	0.0	
VMP-36-30	2/29/2012	1348	-0.19	0.13	OVR	OVR	5.0	1.6	63.9	1000000	785000	215000	
VMP-36-30	3/21/2012	1102	-0.67	-0.59	OVR	OVR	4.4	0.4	38.9	1000000	1000000	0.0	
VMP-36-30	4/18/2012	845	-1.20	-0.32	OVR	OVR	4.3	1.1	69.0	1000000	1000000	0.0	
VMP-36-30	5/16/2012	955	-1.65	-1.65	OVR	OVR	5.2	1.6	78.2	1000000	1000000	0.0	
VMP-36-30	6/20/2012	1046	-1.34	-1.24	OVR	OVR	4.9	3.0	96.4	1000000	402000	598000	
VMP-36-30	7/18/2012	1123	-1.32	-1.19	OVR	OVR	5.7	1.7	48.4	1000000	675000	325000	
VMP-36-30	8/15/2012	1055	-1.45	-1.38	OVR	OVR	7.1	1.0	103	1000000	373000	627000	
VMP-36-30	9/19/2012	1005	-2.22	-2.17	OVR	OVR	7.8	1.9	144	1000000	402000	598000	
VMP-36-30	10/17/2012	1023	-2.00	-1.90	NM	NM	NM	NM	NM	NM	NM	NM	Pullback during purge. Could not sample.
VMP-36-30	11/20/2012	1050	-1.69	-1.63	OVR	OVR	8.2	0.8	201	648000	311000	337000	
VMP-36-30	12/19/2012	1015	-1.63	-1.57	OVR	OVR	8.5	0.6	185	1000000	333000	667000	
VMP-36-30	1/16/2013	1120	-0.88	-0.77	OVR	OVR	8.3	1.2	142	740000	275000	465000	
VMP-36-30	2/25/2013	1338	-0.24	-0.28	OVR	OVR	8.9	1.3	136	719000	199000	520000	
VMP-36-30	3/20/2013	1148	-0.63	-0.61	OVR	OVR	8.7	1.2	139	890000	240000	650000	
VMP-36-30	4/25/2013	1102	-2.75	-2.63	OVR	OVR	9.4	0.5	240	810000	242000	568000	
VMP-36-30	5/22/2013	1105	-2.63	-2.54	OVR	OVR	9.0	1.4	247	484000	157000	327000	
VMP-36-30	6/25/2013	1025	-2.56	NM	OVR	OVR	8.6	1.8	192	624000	198000	426000	
VMP-36-30	7/24/2013	1005	-2.51	-2.48	OVR	OVR	8.1	3.9	217	362000	120000	242000	
VMP-36-30	8/28/2013	1009	-3.13	-3.12	OVR	OVR	11.0	0.7	335	387000	120000	267000	
VMP-36-30	9/25/2013	1045	-4.45	-1.10	OVR	OVR	9.6	3.4	283	359000	120000	239000	
VMP-36-30	10/23/2013	1047	-4.22	-4.26	OVR	OVR	11.0	1.6	297	237000	100000	137000	
VMP-36-30	11/20/2013	1013	-5.01	-4.90	OVR	OVR	11.1	2.9	277	154000	92000	62000	
VMP-36-30	12/18/2013	1215	-2.90	-2.93	OVR	OVR	10.8	3.0	280	198000	107000	91000	
VMP-36-30	1/29/2014	1409	-2.60	-2.61	OVR	OVR	12.2	0.8	303	137000	50000.0	87000	
VMP-36-30	2/19/2014	1045	-3.98	-4.65	OVR	OVR	10.9	3.7	255	129000	50900.0	78100	
VMP-36-30	3/19/2014	0901	-4.60	-4.84	OVR	OVR	11.8	4.8	332	105000	42300.0	62700	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-36-30	4/23/2014	0948	-4.95	-4.84	OVR	OVR	9.5	4.1	277	135000	64300.0	70700	
VMP-36-30	5/21/2014	1045	-4.67	-4.58	OVR	OVR	9.3	4.5	337	148000	61520.0	86480	
VMP-36-30	6/18/2014	1013	-4.45	-4.20	OVR	OVR	9.2	4.6	369	198000	77490.0	120510	
VMP-36-30	7/23/2014	1055	-5.16	-4.95	OVR	OVR	11.7	3.5	306	171000	64580.0	106420	
VMP-36-30	8/20/2014	1049	-5.47	-4.65	OVR	OVR	11.1	3.5	278	145000	62100.0	82900	
VMP-36-30	9/17/2014	1135	-3.80	-4.17	OVR	OVR	12.5	3.6	284	143000	63340.0	79660	
VMP-36-30-Dup	9/17/2014	1140	NM	NM	OVR	OVR	12.9	3.4	328	158000	67440.0	90560	Duplicate Sample.
VMP-36-30	10/22/2014	1051	-5.77	-5.27	OVR	OVR	9.9	6.5	321	102000	45900.0	56100	
VMP-36-30	11/19/2014	1059	-4.61	-4.53	OVR	OVR	10.4	5.9	375	77700	43700.0	34000	
VMP-36-30	12/17/2014	1158	-1.00	-0.97	6.8	OVR	13.6	4.3	185	22560	17820.0	4740	
VMP-36-30	1/28/2015	1531	-2.43	-2.44	29.4	OVR	12.8	4.3	290	39270	28230	11040	
VMP-36-30	2/25/2015	1131	-3.11	-3.08	83.5	OVR	12.4	3.8	288	65100	41770	23330	
VMP-36-30	3/25/2015	1312	-4.78	-4.59	OVR	OVR	8.8	7.5	267	94370	51600	42770	
VMP-36-30	4/22/2015	1147	-5.02	-4.74	OVR	OVR	10.0	5.0	299	117000	62000	55000	
VMP-36-30	5/20/2015	1108	-5.05	-5.30	OVR	OVR	11.2	3.3	223	101000	51500	49500	
VMP-36-30	6/17/2015	1045	-6.41	-6.60	OVR	OVR	9.1	6.1	180	70900	37300	33600	
VMP-36-30	7/22/2015	1058	-5.95	-5.48	OVR	OVR	7.8	8.6	177	64480	33690	30790	
VMP-36-30	8/19/2015	1120	-6.30	-5.83	OVR	OVR	10.3	5.0	193	63670	31150	32520	
VMP-36-30	9/16/2015	1042	-6.57	-6.00	OVR	OVR	12.0	3.6	245	58170	27340	30830	
VMP-36-30	10/21/2015	1114	-6.18	-5.91	65.5	OVR	11.8	4.0	357	34810	18690	16120	
VMP-36-30	11/23/2015	1050	-8.85	-7.55	42.8	OVR	10.9	5.6	355	30640	17420	13220	
VMP-36-30	12/16/2015	1135	-8.33	-8.12	OVR	OVR	13.2	3.8	459	47330	23250	24080	
VMP-36-30	1/20/2016	1205	-3.35	-3.11	OVR	OVR	13.3	3.2	346	82720	35160	47560	
VMP-36-30	2/17/2016	1110	-8.18	-7.79	OVR	OVR	13.6	1.9	463	60600	30100	30500	
VMP-36-30	3/22/2016	1110	-3.20	-3.71	5.7	OVR	4.7	13.9	242	12260	8550	3710	Resampled due to low concentrations.
VMP-36-30	3/23/2016	1330	-4.50	NM	0.8	16	1.2	19.2	60.6	2539	1919	620	Resample.
VMP-36-30	4/20/2016	1115	-0.46	-0.10	27.1	OVR	5.2	12.6	245	27350	15860	11490	
VMP-36-30	5/18/2016	1105	-3.62	-0.49	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	Re-sampled due to low concentrations.
VMP-36-30	5/19/2016	1423	-0.35	NM	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	Re-sample.
VMP-36-30	6/21/2016	1035	-0.31	-0.20	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-36-30-Dup	6/21/2016	1035	NM	NM	0.0	0	0.0	20.9	0.3	0.4	0.0	0.4	Duplicate sample.
VMP-36-30	7/21/2016	1123	-0.29	-0.22	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-36-30	8/24/2016	1142	-0.38	-0.34	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-36-30	9/21/2016	1120	-0.38	-0.35	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-36-30	10/20/2016	1134	-0.60	-0.54	0.0	0	0.0	20.9	0.2	0.3	0.0	0.3	
VMP-36-30-Dup	10/20/2016	1134	NM	NM	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-36-30	11/16/2016	1147	-0.27	-0.22	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-36-30	12/21/2016	1051	-0.30	-0.18	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-37-10	2/2/2012	1348	0.00	-0.24	OVR	OVR	4.8	12.4	270	100000	38700	61300	
VMP-37-10	2/3/2012	857	-0.26	-0.24	OVR	OVR	2.0	17.5	428	44400	20970	23430	
VMP-37-10	2/7/2012	947	-0.31	0.04	38.1	OVR	1.5	18.2	369	21390	14950	6440	
VMP-37-10	2/13/2012	1352	0.12	0.10	OVR	OVR	3.6	10.0	285	84640	48610	36030	
VMP-37-10	2/14/2012	1531	-0.70	-0.57	11.5	OVR	0.8	20.8	458	11300	4860	6440	
VMP-37-10	2/15/2012	1042	-0.65	-0.40	7.1	OVR	0.5	20.3	466	7800	2290	5510	
VMP-37-10	2/22/2012	824	0.00	-0.08	0.0	0	0.2	20.8	27.8	119	8.1	111	
VMP-37-10	2/29/2012	1330	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Stainless Steel Broken and Venting. Could not sample.
VMP-37-10	3/21/2012	1035	-0.25	-0.14	11.9	OVR	0.9	18.5	404	16200	9000	7200	
VMP-37-10	4/18/2012	917	-0.46	-0.42	4.8	97	0.4	20.1	375	6225	2050	4175	
VMP-37-10	5/16/2012	936	-0.55	-0.53	1.4	28	0.3	20.3	275	2600	790	1810	
VMP-37-10	6/20/2012	1019	-0.34	-0.40	2.3	48	0.3	20.3	307	3261	752	2509	
VMP-37-10	7/18/2012	1053	-0.31	-0.23	1.6	32	0.4	19.9	298	3500	1035	2465	
VMP-37-10	8/15/2012	1022	-0.32	-0.30	1.1	23	0.3	20.6	238	1440	276	1164	
VMP-37-10	9/19/2012	955	-0.56	-0.42	0.6	12	0.1	20.8	153	594	37.7	556	
VMP-37-10	10/17/2012	1002	-0.38	-0.51	0.2	5	0.2	20.6	101	418	49.9	368	
VMP-37-10	11/20/2012	1020	-0.46	-0.35	0.2	4	0.2	20.7	138	411	47.3	364	
VMP-37-10	12/19/2012	950	-0.42	-0.45	0.2	4	0.2	20.5	105	458	67.8	390	
VMP-37-10	1/16/2013	1050	-0.24	-0.11	0.2	5	0.2	20.6	160	710	129	581	
VMP-37-10	2/25/2013	1410	-0.08	0.29	1.9	39	0.5	19.0	345	2300	580	1720	
VMP-37-10	3/20/2013	1207	-0.80	-0.52	0.0	0	0.0	20.9	3.9	11.5	0.0	11.5	
VMP-37-10	4/25/2013	1112	-0.96	-0.79	0.0	0	0.3	19.7	4.9	97.5	83.3	14.2	
VMP-37-10	5/22/2013	1045	-0.80	-0.78	0.0	0	0.0	20.9	0.5	1.3	0.0	1.3	
VMP-37-10	6/25/2013	1002	-0.79	-0.73	0.0	0	0.4	20.2	10.4	50.8	16.5	34.3	
VMP-37-10	7/24/2013	0940	-0.65	-0.69	0.0	0	0.1	20.8	11.2	37.9	3.4	34.5	
VMP-37-10	8/28/2013	0953	-0.63	-0.66	0.0	0	0.0	20.9	5.5	15.5	0.0	15.5	
VMP-37-10	9/25/2013	1024	-0.88	-0.21	0.0	0	0.0	20.9	1.8	5.2	0.0	5.2	
VMP-37-10	10/23/2013	1013	-0.97	-0.83	0.0	0	0.1	20.8	0.3	6.9	5.6	1.3	
VMP-37-10	11/20/2013	0943	-0.97	-0.92	0.0	0	0.0	20.9	0.6	1.3	0.0	1.3	
VMP-37-10	12/18/2013	1145	-0.73	-0.60	0.0	0	0.1	20.9	0.7	0.3	0.0	0.3	
VMP-37-10	1/29/2014	1313	-0.58	-0.59	0.0	0	0.1	20.9	0.6	2.46	0.0	2.46	
VMP-37-10	2/19/2014	1027	-1.57	-1.85	0.0	0	1.9	14.9	1.1	3.67	0.0	3.67	
VMP-37-10	3/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Rolloff dumpster present on top of well. Could not sample.
VMP-37-10	4/23/2014	1008	-0.78	-0.70	0.0	0	0.0	20.9	0.9	1.24	0.0	1.24	
VMP-37-10	5/21/2014	1033	-0.73	-0.71	0.0	0	0.1	20.7	2.2	3.12	0.0	3.12	
VMP-37-10	6/18/2014	0958	-0.73	-0.62	0.0	0	0.1	20.8	1.6	2.31	0.0	2.31	
VMP-37-10	7/23/2014	1022	-0.77	-0.76	0.0	0	0.1	20.9	2.6	2.48	0.0	2.48	
VMP-37-10	8/20/2014	1027	-0.88	-0.93	0.0	0	0.6	20.5	3.2	20.75	0.8	19.95	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-37-10	9/17/2014	1103	-0.33	-0.67	0.0	0	0.8	20.3	10.0	20.78	3.2	17.55	
VMP-37-10	10/22/2014	1111	-1.01	-0.94	0.0	0	0.1	20.9	0.7	1.33	0.0	1.33	
VMP-37-10	11/19/2014	1118	-1.56	-1.52	0.0	0	0.2	20.7	0.9	1.46	0.0	1.46	
VMP-37-10	12/17/2014	1052	-0.37	-0.33	0.0	0	0.1	20.7	0.6	1.3	0.0	1.3	
VMP-37-10	1/28/2015	1501	-0.22	-0.23	0.0	0	0.1	20.4	1.2	0.8	0.0	0.8	
VMP-37-10	2/25/2015	1139	-0.87	-0.20	0.0	0	6.9	11.8	24.9	48.5	16.1	32.4	
VMP-37-10	3/25/2015	1120	-1.32	-1.03	0.0	0	0.0	20.8	0.9	1.9	0.0	1.9	
VMP-37-10	4/22/2015	1153	-1.05	-0.98	0.0	0	0.0	20.9	0.8	1.0	0.0	1.0	
VMP-37-10	5/20/2015	1113	-0.92	-1.12	0.0	0	0.0	20.9	0.4	1.1	0.0	1.1	
VMP-37-10	6/17/2015	1100	-1.55	-1.52	0.0	0	8.7	4.9	0.9	1.7	0.0	1.7	Resampled due to low O2.
VMP-37-10	6/18/2015	1510	-1.43	NM	0.0	0	2.6	16.0	0.5	0.0	0.0	0.0	Resample.
VMP-37-10	7/22/2015	1110	-1.05	-1.01	0.0	0	0.2	20.4	0.3	0.3	0.0	0.3	
VMP-37-10	8/19/2015	1125	-1.23	-0.97	0.0	0	3.7	15.4	0.4	5.7	5.7	0.0	
VMP-37-10-Dup	8/19/2015	1125	NM	NM	0.0	0	3.3	16.2	0.4	6.5	6.5	0.0	Duplicate sample.
VMP-37-10	9/16/2015	1047	-0.88	-0.76	0.0	0	0.2	20.5	0.8	0.6	0.0	0.6	
VMP-37-10	10/21/2015	1049	-0.66	-0.57	0.0	0	0.0	20.9	0.9	0.4	0.0	0.4	
VMP-37-10-Dup	10/21/2015	1049	NM	NM	0.0	0	0.0	20.9	0.9	0.3	0.0	0.3	Duplicate sample.
VMP-37-10	11/23/2015	1100	-0.63	-0.47	0.0	0	0.0	20.9	0.3	0.8	0.0	0.8	
VMP-37-10-Dup	11/23/2015	1105	NM	NM	0.0	0	0.0	20.9	0.4	1.2	0.0	1.2	Duplicate sample.
VMP-37-10	12/16/2015	1140	-1.53	-1.42	0.0	0	0.0	20.9	1.5	3.6	0.0	3.6	
VMP-37-10	1/20/2016	1215	-0.37	-0.33	0.4	8	2.4	18.1	169	587	3.0	584	Resampled due to elevated readings.
VMP-37-10	1/21/2016	1356	0.00	NM	0.4	9	2.4	18.0	174	647	6.1	641	Resampled and confirmed.
VMP-37-10	2/17/2016	1115	-0.96	-0.99	0.0	1	0.5	20.2	21.9	61.4	0.0	61.4	
VMP-37-10	3/22/2016	1130	-0.80	-0.80	0.0	0	0.3	20.5	3.1	6.6	0.0	6.6	
VMP-37-10	4/20/2016	1120	-0.25	0.0	0.0	0	0.1	20.5	1.5	3.7	0.0	3.7	
VMP-37-10	5/18/2016	1035	-2.14	-2.01	0.0	0	0.1	20.9	0.4	0.0	0.0	0.0	
VMP-37-10	6/21/2016	1045	-0.85	-0.80	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-37-10-Dup	6/21/2016	1045	NM	NM	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-37-10	7/21/2016	1156	-0.70	-0.65	0.0	0	0.2	20.5	0.1	0.0	0.0	0.0	
VMP-37-10	8/24/2016	1211	-0.67	-0.54	0.0	0	1.3	18.1	0.3	0.0	0.0	0.0	
VMP-37-10	9/21/2016	1138	-0.65	-0.58	0.0	0	0.7	19.4	0.0	0.0	0.0	0.0	
VMP-37-10	10/20/2016	1145	-0.83	-0.68	0.0	0	8.1	5.8	0.2	7.5	5.5	2.0	
VMP-37-10	11/16/2016	1205	-0.44	-0.40	0.0	0	1.1	18.3	0.1	0.2	0.0	0.2	
VMP-37-10	12/21/2016	1032	-0.30	-0.43	0.0	0	2.1	16.5	0.2	0.3	0.0	0.3	
VMP-37-20	2/2/2012	1349	-0.26	-0.27	OVR	OVR	10.7	2.0	152	790000	300000	490000	
VMP-37-20	2/3/2012	857	-0.43	-0.39	OVR	OVR	10.6	1.5	147	834000	226000	608000	
VMP-37-20	2/7/2012	948	-0.49	-0.37	OVR	OVR	9.9	3.0	152	539000	156000	383000	
VMP-37-20	2/13/2012	1353	-0.06	0.69	OVR	OVR	10.2	2.0	157	651000	232000	419000	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-37-20	2/14/2012	1532	-1.24	-1.10	OVR	OVR	7.4	6.5	193	367000	164000	203000	
VMP-37-20	2/15/2012	1043	-1.18	-0.78	OVR	OVR	7.8	6.0	193	294000	111000	183000	
VMP-37-20	2/22/2012	825	-0.46	-0.34	OVR	OVR	8.2	3.7	219	238000	156000	82000	
VMP-37-20	2/29/2012	1332	-0.20	-0.22	OVR	OVR	8.9	2.2	235	451000	126000	325000	
VMP-37-20	3/21/2012	1034	-0.51	-0.36	OVR	OVR	2.7	14.6	305	65700	28000	37700	
VMP-37-20	4/18/2012	918	-0.04	-0.82	OVR	OVR	5.4	4.9	391	135000	46000	89000	
VMP-37-20	5/16/2012	936	-0.70	-1.03	OVR	OVR	6.2	6.2	465	100000	29800	70200	
VMP-37-20	6/20/2012	1028	-0.79	-0.81	OVR	OVR	6.8	5.7	513	68100	20000	48100	
VMP-37-20	7/18/2012	1057	-0.85	-0.72	OVR	OVR	7.4	6.8	204	101000	18600	82400	
VMP-37-20	8/15/2012	1027	-0.89	-0.84	OVR	OVR	8.6	7.0	252	57600	11500	46100	
VMP-37-20	9/19/2012	955	-1.46	-1.27	OVR	OVR	7.1	9.0	438	64800	11400	53400	
VMP-37-20	10/17/2012	1003	-1.13	-1.22	OVR	OVR	5.7	10.2	379	48900	10100	38800	
VMP-37-20	11/20/2012	1022	-1.17	-0.95	OVR	OVR	5.8	8.3	442	71300	9700	61600	
VMP-37-20	12/19/2012	954	-0.96	-0.97	OVR	OVR	6.8	5.7	775	50900	10800	40100	
VMP-37-20	1/16/2013	1055	-0.62	-0.44	OVR	OVR	6.9	5.7	625	47400	7500	39900	
VMP-37-20	2/25/2013	1414	0.14	-0.04	OVR	OVR	8.3	2.5	666	40700	11400	29300	
VMP-37-20	3/20/2013	1213	-1.52	-1.32	OVR	OVR	4.9	10.5	690	17500	2100	15400	
VMP-37-20	4/25/2013	1118	-1.74	-1.64	74.4	OVR	5.7	10.1	792	12000	1100	10900	
VMP-37-20	5/22/2013	1046	-1.69	-1.63	40.7	OVR	4.5	14.1	614	6800	800	6000	
VMP-37-20	6/25/2013	1006	-1.68	-1.65	36.1	OVR	6.1	11.3	596	7600	620	6980	
VMP-37-20	7/24/2013	0944	-1.52	-1.58	40.4	OVR	7.0	11.7	610	7100	720	6380	
VMP-37-20	8/28/2013	0954	-1.70	-1.88	31.1	OVR	4.4	15.0	477	9400	750	8650	
VMP-37-20	9/25/2013	1026	-2.51	-0.60	46.5	OVR	4.9	14.3	690	18900	1400	17500	Resampled due to anomalous FID reading.
VMP-37-20	9/26/2013	1326	-2.24	NM	28	OVR	3.7	16.0	635	8210	700	7510	Resample.
VMP-37-20	10/23/2013	1018	-2.50	-2.33	21.8	OVR	5.4	13.3	558	8300	743	7557	
VMP-37-20	11/20/2013	0948	-2.75	-2.63	15.9	OVR	3.2	16.2	485	5270	490	4780	
VMP-37-20	12/18/2013	1150	-2.01	-1.81	12.6	OVR	3.9	15.2	605	4770	330	4440	
VMP-37-20	1/29/2014	1317	-1.62	-1.57	1.9	38	3.6	15.5	258	2130	185.0	1945	
VMP-37-20	2/19/2014	1027	-2.40	-2.68	2.0	40	5.5	10.6	243	1220	55.9	1164.1	
VMP-37-20	3/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Rolloff dumpster present on top of well. Could not sample.
VMP-37-20	4/23/2014	1008	-2.01	-1.94	0.5	10	1.7	18.6	88.6	723	20.1	702.9	
VMP-37-20	5/21/2014	1034	-1.86	-1.79	0.6	12	1.9	18.4	109	926	45.2	880.8	
VMP-37-20	6/18/2014	0958	-1.95	-1.77	1.6	32	4.3	15.0	167	2160	86.1	2073.9	
VMP-37-20	7/23/2014	1027	-2.48	-2.11	3.8	76	4.8	14.9	365	3200	52.7	3147.3	
VMP-37-20	8/20/2014	1032	-2.70	-2.69	39.4	OVR	14.3	3.0	603	15590	191.2	15398.8	
VMP-37-20	9/17/2014	1108	-1.50	-2.15	71.9	OVR	17.9	1.6	684	20280	315.0	19965	
VMP-37-20	10/22/2014	1112	-2.67	-2.58	0.3	7	0.9	20.3	64.2	362	11.1	350.9	Resample due to low concentrations.
VMP-37-20	10/23/2014	1324	-2.15	NM	0.7	14	1.5	19.6	139	852	18.0	834	Resample.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-37-20	11/19/2014	1119	-3.25	-3.21	11.3	OVR	13.3	4.8	620	4820	400.0	4420	
VMP-37-20	12/17/2014	1057	-1.12	-0.87	0.1	2	6.5	13.4	26.9	144	60.0	84	
VMP-37-20	1/28/2015	1507	-0.71	-0.77	0.1	3	6.7	12.9	41.3	161	30.5	130.5	
VMP-37-20-Dup	1/28/2015	1511	NM	NM	0.4	8	9.4	9.0	91.7	235	48.4	186.6	Duplicate sample.
VMP-37-20	2/25/2015	1144	0.12	-0.77	0.0	0	0.2	20.2	0.4	1	0.0	0.5	Resampled due to elevated O2 concentration.
VMP-37-20	2/26/2015	1248	NM	NM	0.2	5	7.3	9.9	48.3	32	5.5	26.4	Resample.
VMP-37-20	3/25/2015	1125	-3.03	-2.55	0.0	0	2.9	16.2	4.9	28	9.6	17.9	
VMP-37-20	4/22/2015	1157	-2.63	-2.61	0.0	0	2.5	18.0	11.1	56	7.6	48.3	
VMP-37-20	5/20/2015	1118	-2.64	-2.88	0.1	2	4.9	14.4	26.5	182	24.6	157.4	
VMP-37-20	6/17/2015	1105	-3.24	-3.29	3.9	79	9.6	5.9	300	3070	56.5	3013.5	Resampled due to elevated LEL.
VMP-37-20	6/18/2015	1515	-2.95	NM	3.9	78	6.4	11.8	226	2960	46.1	2913.9	Resample.
VMP-37-20	7/22/2015	1115	-2.93	-2.93	3.8	77	5.3	13.7	298	2946	33.7	2912.3	
VMP-37-20	8/19/2015	1130	-3.12	-2.87	2.4	49	9.7	8.3	283	2450	91.0	2359.0	
VMP-37-20-Dup	8/19/2015	1130	NM	NM	3.0	61	11.9	5.8	331	2730	88.1	2641.9	Duplicate sample.
VMP-37-20	9/16/2015	1052	-3.26	-3.06	2.0	41	9.5	9.4	286	1720	93.6	1626.4	
VMP-37-20-Dup	9/16/2015	1052	NM	NM	3.5	70	12.3	5.8	371	2080	101	1979.0	Duplicate sample.
VMP-37-20	10/21/2015	1054	-3.18	-2.95	2.8	57	11.9	6.2	366	2310	90.8	2219.2	
VMP-37-20	11/23/2015	1110	-4.00	-1.64	1.3	27	10.4	8.4	259	1580	31.2	1548.8	
VMP-37-20	12/16/2015	1145	-3.77	-3.73	0.5	10	8.5	10.8	138	528	11.5	516.5	
VMP-37-20-Dup	12/16/2015	1146	NM	NM	0.7	15	8.7	10.3	191	789	21.6	767.4	Duplicate sample.
VMP-37-20	1/20/2016	1220	-1.61	-1.32	0.6	12	10.9	6.0	216	697	15.1	682	
VMP-37-20-Dup	1/20/2016	1220	NM	NM	0.9	18	11.1	5.5	216	1030	22.5	1008	Duplicate sample.
VMP-37-20	2/17/2016	1120	-3.37	-3.43	0.5	10	8.5	9.9	129	552	17.1	535	
VMP-37-20	3/22/2016	1135	-3.21	-3.24	0.7	1	7.3	11.1	164	804	15.4	789	
VMP-37-20	4/20/2016	1125	-0.49	0.00	0.0	1	7.4	10.5	31.7	95.7	7.2	88.5	
VMP-37-20-Dup	4/20/2016	1125	NM	NM	0.1	2	7.9	9.8	31.7	171	9.5	162	Duplicate sample.
VMP-37-20	5/18/2016	1040	-5.10	-5.05	0.0	0	2.1	18.9	5.9	20.7	1.6	19.1	
VMP-37-20	6/21/2016	1050	-3.63	-3.59	0.1	2	5.5	13.4	17.3	129	10.6	118	
VMP-37-20	7/21/2016	1200	-1.90	-1.91	0.2	4	7.9	10.8	38.2	262	32.2	230	
VMP-37-20	8/24/2016	1212	-2.30	-2.12	0.0	1	7.6	10.5	29.8	61.3	10.1	51.2	
VMP-37-20-Dup	8/24/2016	1212	NM	NM	0.1	3	9.1	9.2	29.8	114	11.8	102	Duplicate sample.
VMP-37-20	9/21/2016	1140	-2.18	-2.08	0.0	1	7.2	11.7	9.9	63.2	3.4	59.8	
VMP-37-20	10/20/2016	1146	-1.35	-1.26	0.2	4	12.1	4.1	31.7	259	24.1	235	
VMP-37-20	11/16/2016	1206	-1.90	-1.85	2.2	45	7.5	11.0	321	1322	21.9	1300	
VMP-37-20	12/21/2016	1035	-2.50	-1.99	1.5	31	7.6	10.9	248	1660	57.5	1603	
VMP-37-30	2/2/2012	1349	-0.06	-0.31	OVR	OVR	10.0	1.3	165	920000	212000	708000	
VMP-37-30	2/3/2012	857	-0.46	-0.46	OVR	OVR	10.3	1.0	151	970000	200000	770000	
VMP-37-30	2/7/2012	949	-0.75	-0.42	OVR	OVR	10.1	2.0	136	944000	266000	678000	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-37-30	2/13/2012	1354	-0.45	-0.36	OVR	OVR	10.3	1.0	129	1000000	233000	767000	
VMP-37-30	2/14/2012	1533	-2.15	-1.38	OVR	OVR	9.7	2.0	129	1000000	239000	761000	
VMP-37-30	2/15/2012	1044	-1.45	-1.06	OVR	OVR	9.9	2.0	126	1000000	347000	653000	
VMP-37-30	2/22/2012	826	-0.88	-0.53	OVR	OVR	9.8	1.2	114	1000000	338000	662000	
VMP-37-30	2/29/2012	1334	-0.04	-0.08	OVR	OVR	9.4	1.1	123	1000000	462000	538000	
VMP-37-30	3/21/2012	1037	-0.16	-0.49	OVR	OVR	9.3	1.0	142	1000000	1000000	0.0	
VMP-37-30	4/18/2012	919	-0.38	-0.27	OVR	OVR	8.8	1.5	217	205000	130000	75000	
VMP-37-30	5/16/2012	937	-1.39	-1.34	OVR	OVR	9.0	1.3	240	141000	84000	57000	
VMP-37-30	6/20/2012	1028	-1.08	-1.10	OVR	OVR	8.6	1.5	233	71000	36500	34500	
VMP-37-30	7/18/2012	1101	-1.16	-1.03	OVR	OVR	10.1	1.2	212	55000	37500	17500	
VMP-37-30	8/15/2012	1032	-1.22	-1.18	57.3	OVR	12.1	0.8	330	18600	11300	7300	
VMP-37-30	9/19/2012	955	-2.02	-1.82	37.0	OVR	11.8	1.4	446	18400	10100	8300	
VMP-37-30	10/17/2012	1004	-1.62	-1.75	30.6	OVR	11.9	1.2	392	12400	9400	3000	
VMP-37-30	11/20/2012	1024	-1.60	-1.33	22.7	OVR	11.7	1.5	458	9100	5800	3300	
VMP-37-30	12/19/2012	958	-1.28	-1.31	18.7	OVR	12.5	0.9	330	19800	13800	6000	
VMP-37-30	1/16/2013	1100	-0.88	-0.66	8.7	OVR	11.3	3.1	252	12000	8500	3500	
VMP-37-30	2/25/2013	1418	-0.01	-0.19	3.1	62	12.2	2.2	205	6200	3900	2300	
VMP-37-30	3/20/2013	1220	-2.04	-1.88	2.0	41	10.5	4.9	145	3200	2200	1000	
VMP-37-30	4/25/2013	1124	-2.26	-2.20	2.9	59	9.3	5.5	189	6300	5400	900	
VMP-37-30	5/22/2013	1046	-2.25	-2.19	12.8	OVR	11.5	1.7	25.5	72700	70000	2700	
VMP-37-30	6/25/2013	1010	-2.21	-2.18	7.6	OVR	11.6	2.4	46.3	28600	22600	6000	
VMP-37-30	7/24/2013	0948	-2.09	-2.11	2.0	40	13.9	1.0	52.64	10500	9700	800	
VMP-37-30	8/28/2013	0957	-2.78	-2.65	0.3	6	12.1	8.3	38.44	830	195	635	
VMP-37-30	9/25/2013	1026	-3.01	-0.85	0.2	5	8.1	12.1	65.9	305	41.0	264	
VMP-37-30	10/23/2013	1023	-3.46	-3.27	0.0	0	8.1	11.9	31.0	74.9	10.7	64.2	
VMP-37-30	11/20/2013	0953	-3.94	-3.80	0.0	0	8.0	12.4	23.0	53.4	4.5	48.9	
VMP-37-30	12/18/2013	1155	-2.85	-2.65	0.0	0	8.8	9.5	19.0	47.6	16.9	30.7	
VMP-37-30	1/29/2014	1321	-2.42	-2.25	0.0	0	7.0	12.8	6.2	18.5	2.5	16	
VMP-37-30	2/19/2014	1027	-3.32	-3.58	0.0	0	5.3	15.4	4.7	3.57	0.0	3.57	
VMP-37-30	3/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Rolloff dumpster present on top of well. Could not sample.
VMP-37-30	4/23/2014	1009	-3.12	-3.04	0.0	0	8.3	9.8	3.0	3.3	0.0	3.3	
VMP-37-30	5/21/2014	1034	-2.85	-2.75	0.0	0	7.6	11.2	3.3	2.35	0.0	2.35	
VMP-37-30	6/18/2014	0958	-2.88	-2.67	0.0	0	7.2	10.3	2.9	1.98	0.0	1.98	
VMP-37-30	7/23/2014	1032	-3.23	-3.09	0.0	0	8.3	9.9	2.7	1.32	0.0	1.32	
VMP-37-30	8/20/2014	1037	-3.66	-3.66	0.0	0	8.2	10.4	15.0	48.1	12.2	35.9	
VMP-37-30	9/17/2014	1113	-2.40	-3.18	0.0	0	9.2	9.9	1.9	2.03	1.8	0.21	
VMP-37-30	10/22/2014	1113	-4.12	-4.02	0.0	0	8.5	10.6	1.0	1.44	0.0	1.44	
VMP-37-30-Dup	10/22/2014	1114	NM	NM	0.0	0	10.4	8.6	1.3	1.1	0.0	1.1	Duplicate sample.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-37-30	11/19/2014	1120	-3.99	-3.97	0.0	0	4.3	16.1	1.5	1.54	0.0	1.54	
VMP-37-30	12/17/2014	1102	-1.51	-1.19	0.0	0	8.5	9.7	1.4	2	0.0	2	
VMP-37-30	1/28/2015	1516	-1.08	-1.17	0.0	0	7.8	10.0	2.0	1.7	0.0	1.7	
VMP-37-30	2/25/2015	1149	-1.56	-1.35	0.0	0	6.5	11.5	1.5	2.5	0.0	2.5	
VMP-37-30	3/25/2015	1130	-4.26	-3.72	NM	NM	NM	NM	NM	NM	NM	NM	Tedlar popped during transit; resampled.
VMP-37-30	3/27/2015	1352	NM	NM	0.0	0	7.9	11.1	1.1	15.5	15.5	0.0	Resample.
VMP-37-30	4/22/2015	1201	-3.86	-3.88	0.0	0	5.8	12.6	4.7	2.3	0.0	2.3	
VMP-37-30	5/20/2015	1123	-3.95	-4.22	0.0	0	4.4	14.2	0.7	2.1	0.0	2.1	
VMP-37-30-Dup	5/20/2015	1123	NM	NM	0.0	0	4.6	14.0	0.7	1.9	0.0	1.9	Duplicate sample.
VMP-37-30	6/17/2015	1110	-4.42	-4.52	0.0	0	4.3	14.3	1.1	1.8	0.0	1.8	
VMP-37-30	7/22/2015	1120	-4.17	-4.21	0.0	0	5.1	13.9	0.6	0.0	0.0	0.0	
VMP-37-30	8/19/2015	1135	-4.25	-4.06	0.0	0	5.3	14.1	0.6	0.0	0.0	0.0	
VMP-37-30	9/16/2015	1058	-4.78	-4.55	0.0	0	4.9	14.1	1.3	0.0	0.0	0.0	
VMP-37-30	10/21/2015	1057	-4.82	-4.53	0.0	0	3.9	16.0	1.4	2.2	0.0	2.2	
VMP-37-30	11/23/2015	1115	-5.37	-5.40	0.0	0	4.3	14.7	0.4	0.6	0.0	0.6	
VMP-37-30	12/16/2015	1150	-5.11	-5.23	0.0	0	5.1	14.1	0.4	0	0.0	0.0	
VMP-37-30	1/20/2016	1225	-2.44	-2.00	0.0	0	4.9	14.3	0.2	0.0	0.0	0.0	
VMP-37-30	2/17/2016	1125	-4.90	-4.99	0.0	0	4.7	15.0	0.4	0.0	0.0	0.0	
VMP-37-30	3/22/2016	1140	-4.72	-4.70	0.0	0	3.3	16.4	0.5	0.0	0.0	0.0	
VMP-37-30-Dup	3/22/2016	1140	NM	NM	0.0	0	3.7	16.0	0.6	0.0	0.0	0.0	Duplicate sample.
VMP-37-30	4/20/2016	1130	-0.62	0.00	0.0	0	6.0	11.3	0.3	0.0	0.0	0.0	
VMP-37-30	5/18/2016	1045	-7.02	-7.00	0.0	0	4.1	15.6	0.3	0.0	0.0	0.0	
VMP-37-30-Dup	5/18/2016	1045	NM	NM	0.0	0	4.5	15.0	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-37-30	6/21/2016	1055	-5.49	-5.49	0.0	0	3.5	15.8	1.3	0.0	0.0	0.0	
VMP-37-30	7/21/2016	1204	-2.74	-2.72	0.0	0	6.2	12.2	0.5	0.0	0.0	0.0	
VMP-37-30	8/24/2016	1213	-3.37	-3.29	0.0	0	8.8	9.5	0.2	0.0	0.0	0.0	
VMP-37-30	9/21/2016	1142	-3.23	-3.16	0.0	0	9.4	8.4	0.0	0.0	0.0	0.0	
VMP-37-30	10/20/2016	1148	-1.26	-1.18	0.0	0	8.6	9.8	0.2	0.0	0.0	0.0	
VMP-37-30	11/16/2016	1207	-2.95	-3.04	0.0	0	7.0	12.0	0.2	0.0	0.0	0.0	
VMP-37-30	12/21/2016	1037	-3.84	-3.18	0.0	0	7.4	12.9	0.5	0.0	0.0	0.0	
VMP-38-10	2/2/2012	1409	-0.25	-0.25	6.1	OVR	1.8	18.4	264	4020	794	3226	
VMP-38-10	2/3/2012	923	-0.05	-0.10	45.1	OVR	8.2	1.2	436	21100	11200	9900	
VMP-38-10	2/7/2012	931	-0.32	-0.25	15.2	OVR	5.5	1.8	632	7120	1500	5620	
VMP-38-10	2/15/2012	1014	-0.44	-0.34	5.9	OVR	8.0	4.2	400	3440	1100	2340	
VMP-38-10	2/22/2012	851	0.15	-0.30	3.4	69	7.1	6.7	340	2260	125	2135	
VMP-38-10	2/29/2012	918	-0.18	-0.22	4.7	93	8.8	2.8	435	2790	188	2602	
VMP-38-10	3/21/2012	1008	-0.10	-0.11	0.2	4	12.1	1.2	82.5	625	307	318	
VMP-38-10	4/18/2012	944	-0.11	-0.26	0.0	0	8.5	10.0	26.8	80.0	25.3	54.7	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-38-10	5/16/2012	919	-0.39	-0.37	0.0	0	8.9	8.9	7.3	50.0	24.7	25.3	
VMP-38-10	6/20/2012	1004	-0.20	-0.28	0.0	0	11.7	4.9	30.7	121	45.5	75.5	
VMP-38-10	7/18/2012	1034	-0.24	-0.19	0.0	0	14.2	2.9	9.1	32.6	14.6	18.0	
VMP-38-10	8/15/2012	1000	-0.26	-0.24	0.0	0	13.5	4.0	0.9	25.3	10.0	15.3	
VMP-38-10	9/19/2012	940	-0.39	-0.27	0.0	0	9.1	10.0	0.6	2.7	0.0	2.7	
VMP-38-10	10/17/2012	1040	-0.30	-0.35	0.0	0	8.9	7.8	0.7	2.3	0.0	2.3	
VMP-38-10	11/20/2012	1045	-0.29	-0.22	0.0	0	6.3	11.5	0.2	1.7	0.0	1.7	
VMP-38-10	12/19/2012	934	-0.31	-0.26	0.0	0	5.7	13.2	0.6	2.3	0.0	2.3	
VMP-38-10	1/16/2013	1025	-0.26	-0.31	0.0	0	3.4	15.4	0.3	1.3	0.0	1.3	
VMP-38-10	2/25/2013	1350	-0.16	-0.05	0.0	0	2.9	16.3	0.5	0.4	0.0	0.4	
VMP-38-10	3/20/2013	1139	-0.82	-0.40	0.0	0	1.3	19.9	0.7	1.6	0.0	1.6	
VMP-38-10	4/25/2013	1332	-0.38	-0.36	0.0	0	1.8	18.6	0.4	0.7	0.0	0.7	
VMP-38-10	5/22/2013	848	-0.53	-0.47	0.0	0	3.1	15.7	0.5	0.3	0.0	0.3	
VMP-38-10	6/25/2013	947	-0.44	-0.43	0.0	0	5.5	12.8	0.5	1.7	0.0	1.7	
VMP-38-10	7/24/2013	0925	-0.36	-0.39	0.0	0	6.7	13.0	0.8	5.5	4.1	1.4	
VMP-38-10	8/28/2013	0937	-0.41	-0.42	0.0	0	6.3	13.1	1.4	9.7	8.8	0.9	
VMP-38-10	9/25/2013	1005	-0.55	-0.49	0.0	0	5.3	14.5	0.8	6.2	5.2	1.0	
VMP-38-10	10/23/2013	0950	-0.59	-0.51	0.0	0	3.4	16.7	0.2	4.1	0.0	4.1	
VMP-38-10	11/20/2013	0923	-0.47	-0.45	0.0	0	2.7	17.3	0.5	2.4	0.0	2.4	
VMP-38-10	12/18/2013	1040	-0.05	-0.36	0.0	0	3.1	17.0	0.6	0.0	0.0	0.0	
VMP-38-10	1/29/2014	1250	-0.28	-0.28	0.0	0	2.0	18.8	0.8	3.95	0.0	3.95	
VMP-38-10	2/19/2014	1006	-0.62	-0.34	0.0	0	1.7	19.2	0.9	1.4	0.0	1.4	
VMP-38-10	3/19/2014	0843	-0.28	-0.36	0.0	0	2.5	18.5	0.9	1.29	0.0	1.29	
VMP-38-10	4/23/2014	0951	-0.15	-0.15	0.0	0	3.4	17.2	0.9	1.97	0.0	1.97	
VMP-38-10	5/21/2014	1005	-0.18	-0.15	0.0	0	5.0	14.7	3.5	1.97	0.0	1.97	
VMP-38-10	6/18/2014	0942	-0.19	-0.11	0.0	0	5.0	14.3	2.2	2.52	0.0	2.52	
VMP-38-10	7/23/2014	1003	-0.19	-0.13	0.0	0	8.0	10.9	1.4	1.06	0.0	1.06	
VMP-38-10	8/20/2014	1010	0.17	-0.16	0.0	0	7.3	11.8	1.5	0.41	0.0	0.41	
VMP-38-10	9/17/2014	1045	-0.21	-0.07	0.0	0	6.0	13.0	1.4	1.19	0.0	1.19	
VMP-38-10	10/22/2014	1133	-0.32	-0.16	0.0	0	4.0	16.3	0.9	1.64	0.0	1.64	
VMP-38-10	11/19/2014	1205	-0.28	-0.21	0.0	0	3.4	16.0	1.0	0.97	0.0	0.97	
VMP-38-10	12/17/2014	1025	-1.28	-0.12	0.0	0	2.1	17.9	0.7	0.85	0.0	0.85	
VMP-38-10	1/28/2015	1438	-0.46	0.00	0.0	0	1.7	18.9	1.1	0.5	0.0	0.5	
VMP-38-10	2/25/2015	1157	-0.12	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-38-10	3/25/2015	1050	-0.43	-0.40	0.0	0	1.6	18.0	0.8	0.8	0.0	0.8	
VMP-38-10	4/22/2015	1450	-0.17	-0.20	0.0	0	2.3	18.4	0.8	1.6	0.0	1.6	
VMP-38-10	5/20/2015	1412	-2.11	-1.09	0.0	0	2.8	17.8	0.3	1.8	0.0	1.8	
VMP-38-10	6/17/2015	1120	-1.58	-0.44	0.0	0	2.7	17.5	0.8	0.9	0.0	0.9	

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Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-38-10	7/22/2015	1127	-0.25	-0.19	0.0	0	3.9	16.1	0.5	0.0	0.0	0.0	
VMP-38-10	8/19/2015	1140	-0.17	-1.06	0.0	0	4.3	14.0	0.3	0.0	0.0	0.0	
VMP-38-10	9/16/2015	1115	-0.58	0.0	0.0	0	4.0	14.9	0.3	0.0	0.0	0.0	
VMP-38-10	10/21/2015	1030	0.00	0.00	0.0	0	4.6	14.6	0.6	0	0.0	0.0	
VMP-38-10	11/23/2015	1120	-0.34	-0.18	0.0	0	2.1	18.4	0.0	0	0.0	0.0	
VMP-38-10	12/16/2015	1200	-0.10	0.00	0.0	0	1.5	18.5	0.5	0	0.0	0.0	
VMP-38-10	1/20/2016	1240	-0.78	-0.26	0.0	0	0.9	19.6	0.4	0.0	0.0	0.0	
VMP-38-10	2/17/2016	1130	-0.20	-0.14	0.0	0	1.0	19.4	0.2	0.0	0.0	0.0	
VMP-38-10	3/22/2016	1145	0.00	0.00	0.0	0	1.6	18.7	0.3	0.0	0.0	0.0	
VMP-38-10	4/20/2016	1200	0.00	0.10	0.0	0	2.0	17.4	0.3	0.0	0.0	0.0	
VMP-38-10	5/18/2016	1015	-0.55	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during tedlar collection.
VMP-38-10	6/21/2016	1105	0.00	0.00	0.0	0	1.9	18.2	0.6	0.0	0.0	0.0	
VMP-38-10	7/21/2016	1212	-3.03	0.00	0.0	0	2.3	14.3	0.2	0.0	0.0	0.0	
VMP-38-10	8/24/2016	1230	-0.10	0.00	0.0	0	3.8	15.7	0.2	0.0	0.0	0.0	
VMP-38-10	9/21/2016	1155	-0.11	0.0	0.0	0	4.5	14.3	0.0	0.0	0.0	0.0	
VMP-38-10	10/20/2016	1400	-1.12	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-38-10	11/16/2016	1232	0.00	0.00	0.0	0	3.3	16.2	0.2	0.0	0.0	0.0	
VMP-38-10	12/21/2016	0947	-0.39	-0.42	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-38-20	2/2/2012	1409	-0.38	-0.14	OVR	OVR	13.5	1.2	254	107000	85500	21500	
VMP-38-20	2/3/2012	923	-0.01	-0.16	OVR	OVR	13.6	1.3	266	160000	76400	83600	
VMP-38-20	2/7/2012	932	-0.50	-0.37	OVR	OVR	12.7	2.8	298	87000	51200	35800	
VMP-38-20	2/15/2012	1015	-0.70	-0.55	OVR	OVR	12.2	1.5	409	65900	27200	38700	
VMP-38-20	2/22/2012	852	-0.15	-0.11	OVR	OVR	10.6	2.3	500	58400	13700	44700	
VMP-38-20	2/29/2012	922	-0.33	-0.34	OVR	OVR	8.6	5.4	555	52800	7870	44930	
VMP-38-20	3/21/2012	1009	-0.29	-0.24	OVR	OVR	10.5	0.6	493	132000	24200	107800	
VMP-38-20	4/18/2012	945	-0.55	-0.41	OVR	OVR	11.9	1.2	616	53000	7300	45700	
VMP-38-20	5/16/2012	915	-0.66	-0.65	OVR	OVR	13.8	0.8	645	46400	5000	41400	
VMP-38-20	6/20/2012	1008	-0.38	-0.49	OVR	OVR	13.7	0.8	737	36000	6000	30000	
VMP-38-20	7/18/2012	1038	-0.45	-0.35	OVR	OVR	12.8	1.0	401	52400	3400	49000	
VMP-38-20	8/15/2012	1010	-0.46	-0.41	OVR	OVR	14.4	1.9	450	19200	4100	15100	
VMP-38-20	9/19/2012	940	-0.72	-0.58	OVR	OVR	16.5	1.8	753	30100	4000	26100	
VMP-38-20	10/17/2012	1041	-0.62	-0.60	OVR	OVR	15.9	0.8	646	24300	3450	20850	
VMP-38-20	11/20/2012	1047	-0.55	-0.44	OVR	OVR	15.9	1.2	772	15500	5400	10100	
VMP-38-20	12/19/2012	938	-0.56	-0.47	60.9	OVR	16.3	0.9	1030	11600	1850	9750	
VMP-38-20	1/16/2013	1030	-0.43	-0.15	54.3	OVR	15.7	1.1	870	11200	2400	8800	
VMP-38-20	2/25/2013	1354	0.02	-0.08	46.7	OVR	15.7	1.1	920	8300	5400	2900	
VMP-38-20	3/20/2013	1148	-0.97	-0.75	5.6	OVR	15.4	1.6	466	2000	650	1350	
VMP-38-20	4/25/2013	1337	-0.53	-0.72	43.2	OVR	15.3	1.2	1200	6800	750	6050	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-38-20	5/22/2013	852	-1.09	-0.94	24.6	OVR	12.8	3.8	1014	2000	395	1605	
VMP-38-20	6/25/2013	951	-0.78	-0.20	14.1	OVR	13.3	3.1	841	3300	425	2875	
VMP-38-20	7/24/2013	0929	-0.77	-0.77	15.9	OVR	14.4	2.3	975	2000	320	1680	
VMP-38-20	8/28/2013	0939	-0.86	-0.87	19.9	OVR	14.2	2.6	1030	5400	540	4860	
VMP-38-20	9/25/2013	1006	-0.98	-0.88	22.6	OVR	13.7	2.3	1090	6600	740	5860	
VMP-38-20	10/23/2013	0955	-0.95	-0.86	14.1	OVR	14.6	2.1	769	5000	800	4200	
VMP-38-20	11/20/2013	0928	-1.16	-1.09	25.3	OVR	13.1	5.0	765	5410	550	4860	
VMP-38-20	12/18/2013	1045	-0.88	-0.68	19.6	OVR	14.9	3.4	849	5700	237	5463	
VMP-38-20	1/29/2014	1254	-0.26	-0.28	0.0	0	1.7	19.1	8.5	27.4	3.2	24.21	Resampled due to low vapor concentrations.
VMP-38-20	1/29/2014	1529	NM	NM	0.0	0	1.6	19.3	1.4	5.21	0.0	5.21	Resampled and confirmed.
VMP-38-20	2/19/2014	1006	-0.32	-0.32	0.0	0	2.2	18.3	23.6	30.89	2.7	28.15	
VMP-38-20	3/19/2014	0844	-0.69	-0.68	12.5	OVR	12.3	5.9	732	6070	290.0	5780	Resampled due to elevated vapor concentrations.
VMP-38-20	3/20/2014	1408	0.07	NM	21.2	OVR	14.7	2.1	909	6010	320.0	5690	Resampled and confirmed.
VMP-38-20	4/23/2014	0952	-0.32	-0.05	4.8	99	11.9	5.7	509	3580	80.8	3499.2	
VMP-38-20	5/21/2014	1006	-0.32	-0.28	2.6	52	12.7	5.4	355	1530	133.2	1396.8	
VMP-38-20	6/18/2014	0942	-0.33	-0.15	0.0	0	0.0	20.8	1.1	1.52	0.0	1.52	Resampled due to ambient air present in sample.
VMP-38-20	6/19/2014	1320	0.00	NM	0.0	0	8.2	10.6	20.6	34.5	12.9	21.6	Resample.
VMP-38-20	7/23/2014	1008	-0.09	-0.09	0.0	0	5.8	13.6	7.9	9.28	3.4	5.89	
VMP-38-20	8/20/2014	1015	-0.36	-0.48	0.0	0	11.5	8.6	7.7	24.5	14.4	10.1	
VMP-38-20	9/17/2014	1050	-0.14	-0.05	0.0	0	11.0	9.5	5.2	28.9	22.6	6.3	
VMP-38-20	10/22/2014	1134	-0.36	-0.27	0.0	0	9.1	12.0	6.8	7.65	2.2	5.45	
VMP-38-20	11/19/2014	1207	-0.51	-0.43	0.0	0	10.7	9.2	10.9	30.1	21.1	9	
VMP-38-20	12/17/2014	1030	-0.58	0.00	0.0	0	10.2	10.5	2.6	1.99	0.0	1.99	
VMP-38-20	1/28/2015	1444	0.18	0.11	0.0	0	9.7	10.4	6.0	14.2	10.1	4.1	
VMP-38-20	2/25/2015	1202	0.00	0.00	0.0	0	12.3	6.3	16.4	23.7	8.3	15.4	
VMP-38-20	3/25/2015	1055	-0.76	-0.68	0.0	0	8.0	11.6	6.7	27.8	13.9	13.9	
VMP-38-20	4/22/2015	1455	-0.36	-0.38	0.0	0	5.2	16.3	0.9	2.4	0.0	2.4	
VMP-38-20	5/20/2015	1417	-0.30	-0.43	0.0	0	5.5	14.9	0.9	4.0	0.0	4.0	
VMP-38-20	6/17/2015	1125	-0.68	-0.61	0.0	0	4.7	15.8	1.3	2.5	0.0	2.5	
VMP-38-20	7/22/2015	1132	-0.34	-0.40	0.0	0	3.7	17.5	0.5	0.0	0.0	0.0	
VMP-38-20-Dup	7/22/2015	1132	NM	NM	0.0	0	3.7	17.3	0.6	0.0	0.0	0.0	Duplicate sample.
VMP-38-20	8/19/2015	1145	-0.33	-0.28	0.0	0	6.8	13.1	6.1	20.6	0.0	20.6	
VMP-38-20	9/16/2015	1120	-0.17	0.00	0.0	0	7.0	13.4	4.5	7.5	0.0	7.5	
VMP-38-20	10/21/2015	1034	0.00	0.00	0.0	0	5.5	14.7	27.5	72.4	13.6	58.8	
VMP-38-20	11/23/2015	1125	-0.56	-0.19	0.4	8	10.0	10.8	147	437	14.1	422.9	
VMP-38-20	12/16/2015	1205	-2.55	-0.41	0.3	7	9.9	11.0	125	286	1.5	284.5	
VMP-38-20	1/20/2016	1245	0.00	0.00	0.0	0	2.5	19.5	0.4	0.0	0.0	0.0	
VMP-38-20	2/17/2016	1135	-0.48	-0.45	0.0	0	5.9	14.9	4.0	7.6	0.7	6.9	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-38-20	3/22/2016	1150	-0.16	0.00	0.0	0	5.8	14.8	7.4	6.4	0.8	5.6	
VMP-38-20-Dup	3/22/2016	1150	NM	NM	0.0	0	4.9	15.5	7.4	12.9	0.4	12.5	Duplicate sample.
VMP-38-20	4/20/2016	1205	0.00	0.0	0.0	0	5.8	13.3	4.1	7.3	0.0	7.3	
VMP-38-20	5/18/2016	1020	-0.82	-0.82	0.0	0	3.0	18.5	1.2	0.0	0.0	0.0	
VMP-38-20	6/21/2016	1110	-0.21	-0.11	0.0	0	2.2	18.4	1.2	0.0	0.0	0.0	
VMP-38-20	7/21/2016	1225	-0.24	-0.10	0.0	0	3.8	16.9	0.2	0.0	0.0	0.0	
VMP-38-20	8/24/2016	1231	-0.28	-0.16	0.0	0	3.9	17.0	0.2	0.0	0.0	0.0	
VMP-38-20	9/21/2016	1156	-0.25	-0.21	0.0	0	4.9	15.7	0.2	0.0	0.0	0.0	
VMP-38-20	10/20/2016	1401	-0.26	-0.34	0.0	0	6.3	14.1	0.0	0.0	0.0	0.0	
VMP-38-20	11/16/2016	1233	0.00	-0.09	0.0	0	7.9	12.3	0.8	1.0	0.0	1.0	
VMP-38-20	12/21/2016	0950	-1.68	-1.95	0.0	0	3.1	18.2	4.5	11.7	0.0	11.7	
VMP-38-27	2/2/2012	1409	-0.10	-0.59	OVR	OVR	13.2	1.5	184	415000	180000	235000	
VMP-38-27	2/3/2012	923	-0.11	-0.31	OVR	OVR	13.3	1.5	173	309000	150000	159000	
VMP-38-27	2/7/2012	933	-0.47	-0.12	OVR	OVR	13.2	1.0	186	204000	113000	91000	
VMP-38-27	2/15/2012	1016	-0.70	-0.56	OVR	OVR	13.8	1.5	218	200000	121000	79000	
VMP-38-27	2/22/2012	853	0.19	0.42	OVR	OVR	13.5	1.2	277	120000	70700	49300	
VMP-38-27	2/29/2012	923	-0.31	-0.33	OVR	OVR	13.2	1.3	374	169000	68720	100280	
VMP-38-27	3/21/2012	1010	-0.29	0.28	OVR	OVR	12.5	0.8	331	210000	83300	126700	
VMP-38-27	4/18/2012	945	-0.05	-0.33	OVR	OVR	10.5	1.0	461	83500	34400	49100	
VMP-38-27	5/16/2012	915	-0.68	-0.66	0.1	2	8.7	9.7	7.0	54.3	30.2	24.1	Well damaged during sampling event.
VMP-38-27	6/20/2012	1012	0.00	-0.74	OVR	OVR	11.0	0.1	763	34300	11200	23100	Well repaired before sampling.
VMP-38-27	7/18/2012	1042	-0.08	-0.21	OVR	OVR	11.4	1.1	515	26000	9600	16400	
VMP-38-27	8/15/2012	1005	-0.42	-0.36	86.3	OVR	12.7	0.9	522	14500	7300	7200	
VMP-38-27	9/19/2012	940	-0.64	-0.49	51.8	OVR	13.0	1.7	746	19000	8800	10200	
VMP-38-27	10/17/2012	1043	-0.60	-0.45	48.7	OVR	13.7	1.0	683	11300	6200	5100	
VMP-38-27	11/20/2012	1049	-0.44	-0.37	38.2	OVR	12.8	1.1	717	8400	4700	3700	
VMP-38-27	12/19/2012	942	-0.51	-0.46	17.1	OVR	15.4	1.2	630	12800	7500	5300	
VMP-38-27	1/16/2013	1035	-0.37	0.07	11.8	OVR	11.9	6.4	534	8660	4900	3760	
VMP-38-27	2/25/2013	1358	0.16	-0.51	16.9	OVR	15.9	1.4	450	11600	6100	5500	
VMP-38-27	3/20/2013	1158	-1.23	-0.91	23.1	OVR	13.0	4.4	810	4200	680	3520	
VMP-38-27	4/25/2013	1343	-0.85	-0.73	51.9	OVR	13.0	3.9	1120	6600	560	6040	
VMP-38-27	5/22/2013	853	-1.04	-0.98	49.4	OVR	13.1	3.1	1014	2000	550	1450	
VMP-38-27	6/25/2013	955	-0.92	-0.93	24.4	OVR	13.2	3.1	900	3900	350	3550	
VMP-38-27	7/24/2013	0933	-0.76	-0.79	22.0	OVR	13.8	3.0	1010	2700	310	2390	
VMP-38-27	8/28/2013	0941	-0.87	-0.89	26.9	OVR	14.7	2.1	1210	6900	485	6415	
VMP-38-27	9/25/2013	1007	-0.97	-0.90	31.3	OVR	13.4	2.9	1100	8300	620	7680	
VMP-38-27	10/23/2013	1000	-0.95	-0.83	24.0	OVR	14.8	2.2	853	7600	1200	6400	
VMP-38-27	11/20/2013	0933	-1.14	-1.11	54.1	OVR	14.9	3.9	850	9280	1500	7780	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-38-27	12/18/2013	1050	-0.88	-0.68	34.9	OVR	16.2	2.2	940	9250	234	9016	
VMP-38-27	1/29/2014	1258	-0.79	-0.72	2.4	49	6.5	12.7	456	1860	117.2	1742.8	Resampled due to low oxygen concentrations.
VMP-38-27	1/29/2014	1534	NM	NM	1.2	24	6.3	12.8	217	1020	104.5	915.5	Resampled and confirmed.
VMP-38-27	2/19/2014	1007	-0.58	-0.51	3.4	69	8.1	10.6	347	1570	31.0	1539	
VMP-38-27	3/19/2014	0845	-0.54	-0.67	20.8	OVR	15.0	2.2	821	6680	160.0	6520	
VMP-38-27	4/23/2014	0952	-0.15	-0.12	15.1	OVR	15.5	1.5	826	5290	147.0	5143	
VMP-38-27	5/21/2014	1008	-0.30	-0.28	13.1	OVR	15.4	1.9	829	4290	329.0	3961	
VMP-38-27	6/18/2014	0942	-0.32	-0.20	0.0	0	8.8	9.8	50.6	143.2	35.6	107.6	
VMP-38-27	7/23/2014	1013	-0.18	-0.12	0.1	2	12.4	5.6	85.2	154.8	22.6	132.2	
VMP-38-27	8/20/2014	1020	-0.47	-0.51	0.1	2	12.4	6.6	66.4	122.7	27.0	95.7	
VMP-38-27-Dup	8/20/2014	1025	NM	NM	0.1	2	12.1	6.9	76.5	132.5	22.9	109.6	Duplicate Sample.
VMP-38-27	9/17/2014	1055	-0.15	-0.06	0.0	0	11.5	9.0	9.3	42.9	22.3	20.6	
VMP-38-27	10/22/2014	1135	-0.37	-0.27	0.0	0	11.7	9.4	45.8	84.9	16.6	68.3	
VMP-38-27	11/19/2014	1208	-0.54	-0.46	0.0	0	12.8	6.7	29.3	55.6	23.3	32.3	
VMP-38-27	12/17/2014	1035	-0.17	0.00	0.0	0	10.3	10.2	6.8	25.6	19.4	6.2	
VMP-38-27	1/28/2015	1447	0.18	0.10	0.0	0	10.4	10.6	7.5	16.4	10.9	5.5	
VMP-38-27-Dup	1/28/2015	1451	NM	NM	0.0	0	9.6	10.5	12.2	24.4	10.9	13.5	Duplicate sample.
VMP-38-27	2/25/2015	1207	-0.11	0.00	0.0	0	12.2	6.4	26.2	31.7	8.3	23.4	
VMP-38-27-Dup	2/25/2015	1207	NM	NM	0.0	0	12.4	6.0	33.2	38.9	11.2	27.7	Duplicate sample.
VMP-38-27	3/25/2015	1100	-0.75	-0.67	0.0	0	9.5	9.8	17.0	46.9	18.1	28.8	
VMP-38-27	4/22/2015	1500	-0.35	-0.43	0.0	0	4.9	16.7	0.8	2.2	0.0	2.2	
VMP-38-27	5/20/2015	1422	-0.29	-0.45	0.0	0	5.9	14.5	2.3	7.4	2.7	4.7	
VMP-38-27	6/17/2015	1130	-0.61	-0.62	0.0	0	5.3	15.3	2.3	4.9	0.0	4.9	
VMP-38-27-Dup	6/17/2015	1130	NM	NM	0.0	0	5.4	15.1	3.9	8.8	0.0	8.8	
VMP-38-27	7/22/2015	1137	-0.47	-0.41	0.0	0	3.9	17.1	0.5	0.0	0.0	0.0	
VMP-38-27	8/19/2015	1150	-0.32	-0.29	0.0	0	6.7	12.6	11.7	26.8	0.0	26.8	
VMP-38-27	9/16/2015	1125	-0.25	-0.13	0.0	0	8.0	12.1	7.8	18.4	0.0	18.4	
VMP-38-27	10/21/2015	1037	-0.18	-0.13	0.1	3	10.1	9.7	85.9	183	12.1	170.9	
VMP-38-27	11/23/2015	1130	-0.10	-0.43	0.4	8	9.5	11.4	159	489	19.9	469.1	
VMP-38-27	12/16/2015	1210	-0.34	-0.40	0.5	10	10.6	11.0	179	375	2.5	372.5	
VMP-38-27	1/20/2016	1250	0.00	0.00	0.0	0	4.2	17.7	0.2	0.0	0.0	0.0	
VMP-38-27	2/17/2016	1140	-0.48	-0.46	0.0	0	6.0	14.8	6.4	10.8	0.8	10.0	
VMP-38-27	3/22/2016	1155	-0.14	-0.17	0.0	0	6.7	13.8	7.8	15.8	0.5	15.3	
VMP-38-27	4/20/2016	1210	0.00	0.2	0.0	0	6.7	12.1	7.3	13.1	0.0	13.1	
VMP-38-27	5/18/2016	1025	-0.82	-0.83	0.0	0	3.1	18.5	0.5	0.1	0.0	0.1	
VMP-38-27	6/21/2016	1115	-0.35	-0.25	0.0	0	2.6	18.1	0.4	0.0	0.0	0.0	
VMP-38-27	7/21/2016	1230	-0.21	-0.10	0.0	0	4.1	16.4	0.5	0.0	0.0	0.0	
VMP-38-27	8/24/2016	1232	-0.27	-0.16	0.0	0	3.9	17.0	0.4	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-38-27	9/21/2016	1159	-0.26	-0.20	0.0	0	5.1	15.7	0.2	0.0	0.0	0.0	
VMP-38-27	10/20/2016	1402	-0.26	-0.34	0.0	0	5.5	14.0	0.0	0.0	0.0	0.0	
VMP-38-27	11/16/2016	1234	0.00	-0.09	0.0	0	7.9	12.3	1.3	1.1	0.0	1.1	
VMP-38-27	12/21/2016	0952	-1.89	-2.11	0.0	0	3.1	18.3	6.5	18.2	0.0	18.2	
VMP-39-10	2/6/2012	1104	-0.30	-0.26	54.5	OVR	11.5	7.2	442	20200	8000	12200	
VMP-39-10	2/7/2012	910	-0.42	-0.32	19.6	OVR	3.2	17.8	557	9460	184	9276	
VMP-39-10	2/8/2012	909	-0.44	-0.43	9.5	OVR	2.1	18.8	557	6530	64.5	6466	
VMP-39-10	2/15/2012	942	-0.29	-0.30	2.9	59	2.2	18.4	432	3000	21.0	2979	
VMP-39-10	2/22/2012	913	-0.09	-0.11	0.7	14	2.4	17.4	203	948	34.9	913	
VMP-39-10	2/29/2012	957	-0.24	-0.21	0.4	8	4.9	14.3	161	910	322	588	
VMP-39-10	3/21/2012	948	-0.06	-0.13	0.9	18	11.9	2.8	152	2250	1050	1200	
VMP-39-10	4/18/2012	1012	-0.32	-0.27	0.0	0	5.0	15.6	37.4	185	23.5	162	
VMP-39-10	5/16/2012	857	-0.36	-0.41	0.0	0	4.8	15.3	19.4	89.4	22.8	66.6	
VMP-39-10	6/20/2012	942	-0.25	-0.30	0.0	0	2.7	17.0	11.0	58.0	24.8	33.2	
VMP-39-10	7/18/2012	1017	-0.20	-0.19	0.0	0	0.9	19.5	5.0	25.5	10.8	14.7	
VMP-39-10	8/15/2012	930	-0.21	-0.23	0.0	0	1.1	19.5	2.7	22.5	15.4	7.1	
VMP-39-10	9/19/2012	907	-0.44	-0.40	0.0	0	0.5	20.3	0.8	5.9	5.7	0.2	
VMP-39-10	10/17/2012	945	-0.30	-0.29	0.0	0	0.4	20.3	1.0	5.4	4.4	1.0	
VMP-39-10	11/20/2012	1104	-0.29	-0.25	0.0	0	0.5	20.3	1.7	8.0	3.7	4.3	
VMP-39-10	12/19/2012	916	-0.68	-0.23	0.0	0	0.5	20.0	0.2	3.7	0.0	3.7	
VMP-39-10	1/16/2013	1005	-0.17	-0.05	0.0	0	0.4	20.3	0.4	4.6	0.0	4.6	
VMP-39-10	2/25/2013	1335	-0.21	0.01	0.0	0	0.5	19.4	0.4	7.0	4.4	2.6	
VMP-39-10	3/20/2013	1117	-0.71	-0.38	0.0	0	0.0	20.9	0.5	4.3	0.0	4.3	
VMP-39-10	4/25/2013	1355	-0.42	-0.39	0.0	0	1.0	20.0	0.8	2.6	0.0	2.6	
VMP-39-10	5/22/2013	918	-0.57	-0.57	0.0	0	0.5	20.5	0.5	0.4	0.0	0.4	
VMP-39-10	6/25/2013	934	-0.50	-0.51	0.0	0	2.1	18.6	0.4	4.1	0.0	4.1	
VMP-39-10	7/24/2013	0910	-0.56	-0.44	0.0	0	0.2	20.7	0.4	2.7	0.0	2.7	
VMP-39-10	8/28/2013	0925	-0.45	-0.44	0.0	0	0.1	20.8	0.8	2.7	0.0	2.7	
VMP-39-10	9/25/2013	0945	-0.41	-0.37	0.0	0	0.2	20.7	0.9	4.5	0.0	4.5	
VMP-39-10	10/23/2013	928	-0.33	-0.24	0.0	0	0.7	20.1	3.5	19.4	10.8	8.5	
VMP-39-10	11/20/2013	0905	-0.15	-0.14	0.0	0	0.7	19.9	2.3	7.1	4.8	2.4	
VMP-39-10	12/18/2013	1020	-0.03	0.02	0.0	0	1.1	18.8	1.7	6.6	2.9	3.7	
VMP-39-10	1/29/2014	1131	0.00	-0.06	0.0	0	0.9	19.2	3.0	17.97	11.4	6.61	
VMP-39-10	2/19/2014	0941	-0.29	-0.21	0.0	0	0.2	20.8	1.1	1.47	0.0	1.47	
VMP-39-10	3/19/2014	0822	-0.25	-0.28	0.0	0	0.6	20.6	0.8	3.34	0.0	3.34	
VMP-39-10	4/23/2014	0933	-0.15	-0.18	0.0	0	0.8	20.1	1.0	4.31	0.0	4.31	
VMP-39-10	5/21/2014	0948	-0.13	-0.10	0.0	0	1.5	18.9	1.0	5.57	4.0	1.59	
VMP-39-10	6/18/2014	0923	-0.15	-0.08	0.0	0	0.8	19.7	1.9	4.38	0.0	4.38	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-39-10	7/23/2014	0945	-0.06	-0.11	0.0	0	0.6	20.1	2.1	3.28	0.0	3.28	
VMP-39-10	8/20/2014	0953	-0.21	-0.18	0.0	0	0.2	20.5	1.2	1.26	0.0	1.26	
VMP-39-10	9/17/2014	1028	-0.12	0.00	0.0	0	0.8	19.8	1.1	5.47	5.0	0.45	
VMP-39-10	10/22/2014	1153	-0.08	-0.06	0.0	0	0.9	20.4	0.8	2.18	0.0	2.18	
VMP-39-10	11/19/2014	1225	-0.30	-0.93	0.0	0	0.8	20.4	0.8	2.76	0.0	2.76	
VMP-39-10	12/17/2014	1003	-0.09	0.00	0.0	0	0.5	20.8	0.7	2.18	0.0	2.18	
VMP-39-10	1/28/2015	1423	0.10	0.00	0.0	0	5.8	12.9	8.7	10.1	4.8	5.3	
VMP-39-10	2/25/2015	1214	0.00	0.00	0.0	0	0.6	19.9	0.5	1.2	0.0	1.2	
VMP-39-10	3/25/2015	1028	-0.33	-0.29	0.0	0	1.7	19.1	0.7	4.4	0.0	4.4	
VMP-39-10	4/22/2015	1425	-0.12	-0.09	0.0	0	0.2	20.6	0.5	2.0	0.0	2.0	
VMP-39-10-Dup	4/23/2015	1425	NM	NM	0.0	0	0.2	20.6	0.5	2.0	0.0	2.0	Duplicate sample.
VMP-39-10	5/20/2015	1358	-0.16	0.00	0.0	0	1.0	19.3	0.2	3.4	0.0	3.4	
VMP-39-10	6/17/2015	1140	-0.24	-0.13	0.0	0	0.7	20.1	1.1	3.6	0.0	3.6	
VMP-39-10	7/22/2015	1154	-0.17	-0.14	0.0	0	3.8	17.4	0.3	1.2	0.0	1.2	
VMP-39-10	8/19/2015	1200	-0.11	-0.09	0.0	0	6.8	13.1	0.6	7.2	7.2	0.0	
VMP-39-10	9/16/2015	1138	0.00	0.00	0.0	0	2.5	17.5	2.4	0.0	0.0	0.0	
VMP-39-10	10/21/2015	1014	0.00	0.00	0.0	0	1.0	19.2	0.4	0.6	0.0	0.6	
VMP-39-10	11/23/2015	1140	-0.16	-0.12	0.0	0	0.2	20.7	0.0	0	0.0	0.0	
VMP-39-10	12/16/2015	1215	-0.18	-0.13	0.0	0	2.0	18.9	0.3	1.9	0.0	1.9	
VMP-39-10	1/20/2016	1300	0.00	0.00	0.0	0	1.1	19.0	0.4	0.9	0.0	0.9	
VMP-39-10	2/17/2016	1145	-0.50	-0.36	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-39-10	3/22/2016	1200	0.00	0.00	0.0	0	0.5	20.3	0.4	0.0	0.0	0.0	
VMP-39-10	4/20/2016	1215	0.00	0.09	0.0	0	2.0	17.3	0.9	1.8	0.0	1.8	
VMP-39-10	5/18/2016	0945	-0.36	-0.30	0.0	0	0.5	20.5	0.5	0.3	0.0	0.3	
VMP-39-10	6/21/2016	1135	0.00	0.00	0.0	0	0.5	20.3	1.0	0.2	0.0	0.2	
VMP-39-10	7/21/2016	1240	-0.09	0.00	0.0	0	2.6	18.0	0.5	6.0	6.0	0.0	
VMP-39-10	8/24/2016	1249	-0.09	0.0	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-39-10	9/21/2016	1213	-0.13	0.00	0.0	0	2.5	17.5	0.0	1.3	0.0	1.3	
VMP-39-10	10/20/2016	1415	-0.23	-0.23	0.0	0	2.9	17.0	0.0	0.9	0.9	0.0	
VMP-39-10	11/16/2016	1253	0.00	0.00	0.0	0	3.1	15.9	0.1	1.4	1.4	0.0	
VMP-39-10	12/21/2016	0932	-1.01	-1.37	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-39-20	2/6/2012	1105	-0.28	-0.36	OVR	OVR	14.3	1.2	186	189000	189000	0.0	
VMP-39-20	2/7/2012	911	-0.62	-0.46	OVR	OVR	12.9	3.8	179	103000	101000	2000	
VMP-39-20	2/8/2012	910	-0.60	-0.66	OVR	OVR	14.5	1.6	200	169000	100000	69000	
VMP-39-20	2/15/2012	943	-0.42	-0.47	27.9	OVR	4.9	12.8	201	32580	22930	9650	
VMP-39-20	2/22/2012	914	-0.09	-0.14	OVR	OVR	13.8	1.8	365	100000	48800	51200	
VMP-39-20	2/29/2012	958	-0.41	-0.32	OVR	OVR	12.1	3.6	375	77900	41150	36750	
VMP-39-20	3/21/2012	949	-0.15	-0.24	OVR	OVR	11.1	4.8	439	78000	18600	59400	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-39-20	4/18/2012	1013	-0.48	-0.41	OVR	OVR	11.8	2.0	520	52000	22000	30000	
VMP-39-20	5/16/2012	857	-0.63	-0.70	OVR	OVR	12.8	1.3	570	56500	21400	35100	
VMP-39-20	6/20/2012	946	-0.46	-0.49	OVR	OVR	12.7	0.9	571	46200	19300	26900	
VMP-39-20	7/18/2012	1021	-0.43	-0.38	OVR	OVR	13.6	1.6	311	66300	11200	55100	
VMP-39-20	8/15/2012	940	-0.45	-0.44	OVR	OVR	15.8	0.5	426	22500	6000	16500	
VMP-39-20	9/19/2012	907	-0.89	-0.80	OVR	OVR	14.5	2.3	688	32400	7200	25200	
VMP-39-20	10/17/2012	946	-0.67	-0.60	OVR	OVR	14.9	1.4	535	31900	7300	24600	
VMP-39-20	11/20/2012	1106	-0.58	-0.50	OVR	OVR	16.1	1.4	638	26300	5400	20900	
VMP-39-20	12/19/2012	920	-0.40	-0.50	OVR	OVR	16.3	1.2	930	14600	5000	9600	
VMP-39-20	1/16/2013	1010	-0.12	-0.07	9.0	OVR	3.5	17.0	545	4040	1000	3040	
VMP-39-20	2/25/2013	1339	-0.02	0.05	82.0	OVR	16.2	1.4	785	12600	6200	6400	
VMP-39-20	3/20/2013	1123	-0.17	-0.05	10.4	OVR	3.3	16.7	510	7400	2700	4700	
VMP-39-20	4/25/2013	1401	-0.58	-0.69	0.6	13	7.3	13.1	155	1300	850	450	
VMP-39-20	5/22/2013	919	-0.97	-1.04	9.7	OVR	7.0	14.8	184	10100	9600	500	
VMP-39-20	6/25/2013	938	-0.79	-0.90	1.2	25	10.4	12.0	61.5	6400	4800	1600	
VMP-39-20	7/24/2013	914	-0.89	-0.84	OVR	OVR	21.0	3.4	340	59700	38100	21600	
VMP-39-20	8/28/2013	0926	-0.97	-0.89	OVR	OVR	21.9	1.0	520	73200	42300	30900	
VMP-39-20	9/25/2013	0947	-0.89	-0.85	OVR	OVR	19.1	2.9	610	43000	23500	19500	
VMP-39-20	10/23/2013	933	-0.63	-0.48	72.8	OVR	19.2	0.9	657	28400	22000	6400	
VMP-39-20	11/20/2013	910	-0.45	-0.58	59.3	OVR	19.9	0.1	625	20900	13500	7400	
VMP-39-20	12/18/2013	1025	-0.56	0.06	41.4	OVR	19.2	0.4	767	13300	5750	7550	
VMP-39-20	1/29/2014	1135	-0.06	-0.08	1.2	25	11.1	8.3	279	2660	1550.0	1110	Resampled due to low vapor concentrations.
VMP-39-20	1/29/2014	1540	NM	NM	0.8	16	10.2	9.1	180	2100	1450.0	650	Resampled and confirmed.
VMP-39-20	2/19/2014	0941	-0.44	-0.06	0.0	0	2.1	18.7	18.5	191	108.4	82.6	
VMP-39-20	3/19/2014	0823	-0.11	-0.15	0.0	0	0.1	20.9	0.9	2.58	0.0	2.58	
VMP-39-20	4/23/2014	0933	0.00	-0.05	0.0	0	0.2	20.8	0.9	4.29	0.0	4.29	
VMP-39-20	5/21/2014	0949	-0.05	0.00	0.0	0	0.4	20.3	1.1	5.96	5.3	0.65	
VMP-39-20	6/18/2014	0923	-0.07	0.00	0.0	0	0.2	20.6	1.7	4.24	0.0	4.24	
VMP-39-20	7/23/2014	0950	0.00	-0.06	0.0	0	0.1	20.8	1.4	1.93	0.0	1.93	
VMP-39-20	8/20/2014	0958	0.07	0.00	0.0	0	0.1	20.8	0.8	1.65	0.0	1.65	
VMP-39-20	9/17/2014	1033	-0.05	0.00	0.0	0	0.3	20.5	1.1	3.18	0.0	3.18	
VMP-39-20	10/22/2014	1154	0.00	-0.16	0.0	0	0.3	20.8	2.5	2.74	0.0	2.74	
VMP-39-20	11/19/2014	1225	0.00	0.00	0.0	0	0.4	20.6	0.8	2.22	0.0	2.22	
VMP-39-20-Dup	11/19/2014	1226	NM	NM	0.0	0	0.4	20.6	0.8	2.31	0.0	2.31	Duplicate sample.
VMP-39-20	12/17/2014	1008	0.00	0.00	0.0	0	0.1	20.9	0.8	2.39	0.0	2.39	
VMP-39-20	1/28/2015	1428	0.00	0.00	0.0	0	1.3	18.1	0.7	1.6	0.0	1.6	
VMP-39-20	2/25/2015	1219	0.00	0.00	0.0	0	0.2	20.8	0.5	1.3	0.0	1.3	
VMP-39-20	3/25/2015	1031	-0.11	0.00	0.0	0	1.1	19.6	0.5	3.9	0.0	3.9	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-39-20	4/22/2015	1435	0.00	0.00	0.0	0	0.1	20.8	0.5	1.7	0.0	1.7	
VMP-39-20	5/20/2015	1403	0.00	0.00	0.0	0	0.5	20.2	0.2	2.7	0.0	2.7	
VMP-39-20	6/17/2015	1145	0.00	0.00	0.0	0	0.0	20.9	1.0	2.6	0.0	2.6	
VMP-39-20	7/22/2015	1159	0.00	0.0	0.0	0	2.2	19.8	0.2	0.0	0.0	0.0	
VMP-39-20	8/19/2015	1205	0.00	0.00	0.0	0	5.4	14.3	0.6	8.6	8.6	0.0	
VMP-39-20	9/16/2015	1143	0.00	0.00	0.0	0	4.9	15.5	1.2	2.3	0.0	2.3	
VMP-39-20	10/21/2015	1018	0.00	0.00	0.0	0	0.2	20.5	0.2	0.5	0.0	0.5	
VMP-39-20	11/23/2015	1145	0.00	0.00	0.0	0	0.1	20.8	0.0	0	0.0	0.0	
VMP-39-20	12/16/2015	1220	0.00	0.00	0.0	0	1.6	19.2	0.3	1.9	0.0	1.9	
VMP-39-20	1/20/2016	1305	0.00	0.00	0.0	0	0.6	20.0	0.3	0.0	0.0	0.0	
VMP-39-20	2/17/2016	1150	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-39-20	3/22/2016	1205	0.00	0.00	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-39-20	4/20/2016	1220	0.00	0.00	0.0	0	1.7	17.8	0.7	2.1	0.0	2.1	
VMP-39-20	5/18/2016	0950	0.00	0.00	0.0	0	0.1	20.9	0.3	0.2	0.0	0.2	
VMP-39-20	6/21/2016	1140	0.00	0.00	0.0	0	0.1	20.7	0.7	0.0	0.0	0.0	
VMP-39-20	7/21/2016	1243	0.00	0.0	0.0	0	1.4	19.4	0.3	4.2	0.0	4.2	
VMP-39-20	8/24/2016	1250	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-39-20	9/21/2016	1215	0.00	0.00	0.0	0	1.7	18.6	0.0	0.0	0.0	0.0	
VMP-39-20	10/20/2016	1416	-0.18	-0.19	0.0	0	0.9	20.1	0.1	0.0	0.0	0.0	
VMP-39-20	11/16/2016	1254	0.00	0.00	0.0	0	2.2	17.0	0.1	1.5	1.5	0.0	
VMP-39-20	12/21/2016	0934	-0.35	-0.65	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-39-30	2/6/2012	1106	-0.44	-0.23	OVR	OVR	15.2	1.0	253	110000	75000	35000	
VMP-39-30	2/7/2012	912	-0.50	-0.33	OVR	OVR	14.6	1.5	245	78000	60050	17950	
VMP-39-30	2/8/2012	911	-0.51	-0.51	OVR	OVR	14.9	1.3	248	111000	63000	48000	
VMP-39-30	2/15/2012	944	-0.29	-0.32	OVR	OVR	14.4	1.5	265	95000	60700	34300	
VMP-39-30	2/22/2012	915	0.00	-0.04	OVR	OVR	14.7	1.2	379	68900	54200	14700	
VMP-39-30	2/29/2012	959	-0.28	-0.20	OVR	OVR	13.0	3.4	414	68600	30940	37660	
VMP-39-30	3/21/2012	950	-0.18	-0.15	OVR	OVR	13.0	0.3	402	186000	66000	120000	
VMP-39-30	4/18/2012	1014	0.00	-0.28	OVR	OVR	12.2	1.5	655	36800	8700	28100	
VMP-39-30	5/16/2012	857	-0.54	-0.60	OVR	OVR	12.9	1.0	818	24400	4200	20200	
VMP-39-30	6/20/2012	951	-0.36	-0.64	OVR	OVR	12.5	1.2	829	24500	6400	18100	
VMP-39-30	7/18/2012	1025	-0.48	-0.48	OVR	OVR	13.0	1.5	542	29900	3900	26000	
VMP-39-30	8/15/2012	945	-0.33	-0.62	OVR	OVR	15.8	0.6	583	15450	6200	9250	
VMP-39-30	9/19/2012	907	-0.71	-0.59	OVR	OVR	16.3	1.4	816	14200	5700	8500	
VMP-39-30	10/17/2012	947	-0.45	-0.40	OVR	OVR	16.4	0.6	758	13000	4200	8800	
VMP-39-30	11/20/2012	1108	-0.42	-0.34	81.4	OVR	17.4	1.2	874	13200	2900	10300	
VMP-39-30	12/19/2012	924	-0.28	-0.38	28.6	OVR	18.5	0.7	880	10300	4100	6200	
VMP-39-30	1/16/2013	1015	-0.23	0.07	29.1	OVR	18.2	0.9	817	11300	4600	6700	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-39-30	2/25/2013	1343	0.06	0.14	32.7	OVR	18.7	0.8	856	6600	3700	2900	
VMP-39-30	3/20/2013	1126	-0.73	-0.45	9.6	OVR	18.8	0.9	629	2900	1250	1650	
VMP-39-30	4/25/2013	1406	-0.56	-0.50	30.3	OVR	17.8	0.9	1150	5900	680	5220	
VMP-39-30	5/22/2013	920	-0.84	-0.82	24.3	OVR	17.6	0.6	860	2400	1800	600	
VMP-39-30	6/25/2013	942	-0.78	-0.56	6.7	OVR	9.5	9.6	602	1880	560	1320	
VMP-39-30	7/24/2013	0918	-0.44	-0.44	5.0	OVR	8.9	10.4	560	1900	610	1290	
VMP-39-30	8/29/2013	1410	-0.40	-0.44	3.5	70	8.2	10.9	365	2200	640	1560	Re-sample, as first sample on 8/28/13 contained ambient air
VMP-39-30	9/25/2013	0951	-0.42	-0.37	0.0	0	0.0	20.9	24.7	66.9	31.7	35.2	Resample, first sample contained ambient air.
VMP-39-30	9/26/2013	1333	-0.40	NM	2.3	47	8.2	11.1	523	1760	720	1040	Resample.
VMP-39-30	10/23/2013	938	-0.33	-0.25	0.9	19	8.5	10.7	300	1600	1280	320	
VMP-39-30	11/20/2013	915	-0.13	-0.14	0.9	18	9.3	9.4	256	1000	572	428	
VMP-39-30	12/18/2013	1030	-0.04	0.05	0.9	19	9.0	9.7	263	939	390	549	
VMP-39-30	1/29/2014	1139	0.00	-0.07	0.8	17	8.8	9.7	258	1150	528.0	622	
VMP-39-30	2/19/2014	0941	-0.17	-0.10	0.0	0	0.1	20.9	7.8	6.57	0.0	6.57	Resampled.
VMP-39-30	2/25/2014	0953	0.08	NM	0.0	0	1.6	19.3	5.0	1.48	0.0	1.48	Resample.
VMP-39-30	3/19/2014	0823	-0.10	-0.14	0.0	0	0.2	20.7	0.7	0.73	0.0	0.73	
VMP-39-30	4/23/2014	0934	0.00	-0.09	0.0	0	0.1	20.9	1.9	4.12	0.0	4.12	
VMP-39-30	5/21/2014	0950	-0.07	-0.05	0.0	0	0.2	20.8	1.3	3.98	0.0	3.98	
VMP-39-30	6/18/2014	0923	-0.08	0.00	0.0	0	0.1	20.7	2.1	3.67	0.0	3.67	
VMP-39-30	7/23/2014	0955	0.00	-0.08	0.0	0	0.1	20.9	2.1	2.58	0.0	2.58	
VMP-39-30	8/20/2014	1003	0.00	-0.07	0.0	0	0.1	20.9	1.0	1.49	0.0	1.49	
VMP-39-30	9/17/2014	1038	-0.05	0.00	0.0	0	0.2	20.7	1.2	2.68	0.0	2.68	
VMP-39-30	10/22/2014	1155	0.00	-0.10	0.0	0	0.1	20.9	0.8	1.59	0.0	1.59	
VMP-39-30	11/19/2014	1226	0.00	0.00	0.0	0	0.2	20.8	1.0	2.1	0.0	2.1	
VMP-39-30	12/17/2014	1013	0.00	0.00	0.0	0	0.1	20.9	1.0	2.48	0.0	2.48	
VMP-39-30	1/28/2015	1433	0.00	0.00	0.0	0	1.8	18.0	2.7	3.5	0.0	3.5	
VMP-39-30	2/25/2015	1224	0.00	0.00	0.0	0	0.2	20.5	0.6	1.2	0.0	1.2	
VMP-39-30	3/25/2015	1035	-0.14	-0.11	0.0	0	0.5	20.6	0.5	2.0	0.0	2.0	
VMP-39-30	4/22/2015	1440	0.00	0.00	0.0	0	0.0	20.9	0.4	1.9	0.0	1.9	
VMP-39-30	5/20/2015	1408	0.00	0.00	0.0	0	0.1	20.8	0.2	2.8	0.0	2.8	
VMP-39-30	6/17/2015	1150	0.00	0.00	0.0	0	0.2	20.7	1.0	2.4	0.0	2.4	
VMP-39-30	7/22/2015	1205	-0.09	0.00	0.0	0	1.6	19.5	0.3	0.0	0.0	0.0	
VMP-39-30	8/19/2015	1210	0.00	0.0	0.0	0	5.3	13.6	0.6	8.2	8.2	0.0	
VMP-39-30	9/16/2015	1148	0.00	0.00	0.0	0	1.4	19.1	0.8	1.2	0.0	1.2	
VMP-39-30	10/21/2015	1021	0.00	0.00	0.0	0	0.1	20.8	1.1	0	0.0	0.0	
VMP-39-30	11/23/2015	1150	0.00	0.00	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-39-30	12/16/2015	1225	0.00	0.00	0.0	0	1.6	19.1	0.5	2.3	0.0	2.3	
VMP-39-30	1/20/2016	1310	0.00	0.00	0.0	0	0.6	20.0	0.4	0.2	0.0	0.2	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-39-30	2/17/2016	1155	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-39-30	3/22/2016	1210	0.00	0.00	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-39-30	4/20/2016	1225	0.00	0.02	0.0	0	1.3	18.3	1.4	2.5	0.0	2.5	
VMP-39-30	5/18/2016	0955	-0.09	0.00	0.0	0	0.0	20.9	0.3	0.2	0.0	0.2	
VMP-39-30	6/21/2016	1145	0.00	0.00	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	
VMP-39-30	7/21/2016	1246	0.00	0.00	0.0	0	0.8	20.1	0.6	0.8	0.0	0.8	
VMP-39-30	8/24/2016	1251	0.00	0.0	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-39-30	9/21/2016	1218	0.00	0.00	0.0	0	0.9	19.7	0.0	0.0	0.0	0.0	
VMP-39-30	10/20/2016	1418	-0.19	-0.22	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-39-30	11/16/2016	1255	0.00	0.00	0.0	0	1.6	17.8	0.1	1.2	1.2	0.0	
VMP-39-30	12/21/2016	0936	-0.51	-0.42	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-40-10	2/6/2012	1047	-0.31	-0.12	0.6	12	0.7	20.1	12.2	5080	5080	0.0	
VMP-40-10	2/7/2012	854	-0.49	-0.41	0.0	1	0.2	20.9	7.8	237	221	16.1	
VMP-40-10	2/8/2012	848	-0.65	-0.52	0.0	0	0.2	20.9	2.0	34.3	14.3	20.0	
VMP-40-10	2/15/2012	920	-0.14	-0.39	0.0	1	0.3	20.6	10.6	1306	1264	42.0	
VMP-40-10	2/22/2012	949	0.20	0.13	OVR	OVR	11.8	2.1	15.4	711000	464000	247000	
VMP-40-10	2/29/2012	1030	-0.16	-0.19	1.4	29	0.9	19.7	53.0	13200	18050	-4850	
VMP-40-10	3/6/2012	1009	-0.02	-0.49	5.6	OVR	2.1	15.7	6.5	38000	12000	26000	Benzene Reading: 0.0 ppm
VMP-40-10	3/7/2012	911	-0.06	-0.11	0.7	15	0.6	20.4	5.6	6320	443	5877	Benzene Reading: 0.0 ppm
VMP-40-10	3/21/2012	904	-0.33	-0.28	0.1	3	0.2	20.6	0.4	1250	1250	0.0	
VMP-40-10	4/18/2012	1045	-0.27	-0.21	0.0	0	0.1	20.9	0.5	105	105	0.0	
VMP-40-10	5/16/2012	839	-0.53	-0.52	0.0	0	0.1	20.8	0.3	33.0	33.0	0.0	
VMP-40-10	6/20/2012	924	-0.40	-0.34	0.0	0	1.2	20.6	0.6	14.7	14.2	0.5	
VMP-40-10	7/18/2012	1000	-0.33	-0.26	0.0	0	0.1	20.6	0.9	8.7	6.5	2.2	
VMP-40-10	8/15/2012	915	-0.37	-0.34	0.0	0	0.1	20.8	0.7	7.7	7.4	0.3	
VMP-40-10	9/19/2012	848	-0.74	-0.67	0.0	0	0.0	20.8	0.4	2.7	0.0	2.7	
VMP-40-10	10/17/2012	923	-0.56	-0.49	0.0	0	0.1	20.9	0.5	3.1	0.0	3.1	
VMP-40-10	11/20/2012	1001	-0.79	-0.61	0.0	0	0.0	20.9	0.7	2.5	0.0	2.5	
VMP-40-10	12/19/2012	859	-0.36	-0.46	0.0	0	0.1	20.7	0.3	0.9	0.0	0.9	
VMP-40-10	1/16/2013	945	-0.21	-0.03	0.0	0	2.5	12.9	0.7	37.2	31.1	6.1	
VMP-40-10	2/25/2013	1320	0.19	0.30	0.1	2	6.8	4.5	3.8	935	715	220	
VMP-40-10	3/20/2013	1039	-0.79	-0.85	0.0	0	0.0	20.9	0.4	3.6	0.0	3.6	
VMP-40-10	4/25/2013	1415	-0.51	-0.46	0.0	0	0.4	20.5	0.4	23.4	22.5	0.9	
VMP-40-10	5/22/2013	1026	-0.67	-0.73	0.0	0	0.0	20.9	0.5	0.4	0.0	0.4	
VMP-40-10	6/25/2013	921	-0.68	-0.47	0.0	0	0.8	19.8	0.4	1.2	0.0	1.2	
VMP-40-10	7/24/2013	0855	-0.77	-0.73	0.0	0	0.0	20.9	0.4	1.4	0.0	1.4	
VMP-40-10	8/28/2013	0912	-0.63	-0.59	0.0	0	0.0	20.9	0.7	2.8	0.0	2.8	
VMP-40-10	9/25/2013	0924	-0.95	-0.84	0.0	0	0.0	20.9	0.3	2.4	0.0	2.4	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-40-10	10/23/2013	0908	-1.22	-1.11	0.0	0	0.0	20.9	0.0	2.1	0.0	2.1	
VMP-40-10	11/20/2013	0845	-1.27	-1.20	0.0	0	0.1	20.9	0.4	2.0	0.0	2.0	
VMP-40-10	12/18/2013	1000	-0.76	-0.41	0.0	0	0.1	20.9	0.1	0.2	0.0	0.2	
VMP-40-10	1/29/2014	0914	-0.51	-0.28	0.0	0	0.1	20.8	0.5	0.87	0.0	0.87	
VMP-40-10	2/19/2014	0924	-0.61	-0.49	0.0	0	0.1	20.9	0.7	1.23	0.0	1.23	
VMP-40-10	3/19/2014	0914	-0.51	-0.54	0.0	0	0.1	20.9	1.4	2.88	0.0	2.88	
VMP-40-10	4/23/2014	0915	-0.50	-0.43	0.0	0	0.1	20.9	1.1	3.54	0.0	3.54	
VMP-40-10	5/21/2014	0931	-0.37	-0.23	0.0	0	0.0	20.9	1.2	3.35	0.0	3.35	
VMP-40-10	6/18/2014	0909	-0.29	-0.18	0.0	0	0.0	20.8	1.8	4.46	0.0	4.46	
VMP-40-10	7/23/2014	0925	-0.36	-0.34	0.0	0	0.0	20.9	1.1	2.21	0.0	2.21	
VMP-40-10	8/20/2014	0938	-0.29	-0.45	0.0	0	0.0	20.8	1.3	1.13	0.0	1.13	
VMP-40-10	9/17/2014	1015	-0.39	-0.26	0.0	0	0.1	20.6	5.4	13.5	2.7	10.8	
VMP-40-10	10/22/2014	1213	-0.18	-0.10	0.0	0	0.3	20.9	0.7	1.63	0.0	1.63	
VMP-40-10	11/19/2014	1245	-0.14	-0.18	0.0	0	0.1	20.8	0.8	1.77	0.0	1.77	
VMP-40-10	12/17/2014	0936	-0.22	-0.10	0.0	0	0.1	20.9	0.6	18.1	2.2	15.9	
VMP-40-10	1/28/2015	1407	0.00	0.00	0.0	0	0.1	20.9	1.1	1.3	0.0	1.3	
VMP-40-10	2/25/2015	1233	0.00	-0.10	0.0	0	0.1	20.8	0.6	20.0	20.0	0.0	
VMP-40-10	3/25/2015	1005	-0.24	-0.22	0.0	0	0.1	20.9	0.5	1.7	0.0	1.7	
VMP-40-10	4/22/2015	1405	-0.14	-0.14	0.0	0	0.0	20.9	0.7	2.2	0.0	2.2	
VMP-40-10	5/20/2015	1343	-0.20	-0.28	0.0	0	0.0	20.9	0.3	2.5	0.0	2.5	
VMP-40-10	6/17/2015	1200	-0.51	-0.41	0.0	0	0.0	20.9	0.9	2.4	0.0	2.4	
VMP-40-10	7/22/2015	1213	-0.30	-0.22	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	
VMP-40-10	8/19/2015	1215	-0.15	-0.25	0.0	0	0.0	20.9	0.4	0.2	0.0	0.2	
VMP-40-10	9/16/2015	1154	-0.15	-0.11	0.0	0	0.0	20.9	0.9	0.4	0.0	0.4	
VMP-40-10-Dup	9/16/2015	1154	NM	NM	0.0	0	0.0	20.9	0.7	0	0.0	0.0	Duplicate sample.
VMP-40-10	10/21/2015	0956	0.00	0.00	0.0	0	0.0	20.9	0.5	0	0.0	0.0	
VMP-40-10	11/23/2015	1155	0.00	0.00	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-40-10	12/16/2015	1235	0.00	0.00	0.0	0	0.0	20.9	0.3	0.5	0.0	0.5	
VMP-40-10	1/20/2016	1320	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-40-10	2/17/2016	1200	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-40-10	3/22/2016	1220	0.00	-0.13	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-40-10	4/20/2016	1230	0.00	0.00	0.0	0	0.1	20.5	0.4	0.0	0.0	0.0	
VMP-40-10	5/18/2016	0930	0.00	-0.09	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-40-10	6/21/2016	1150	0.00	0.00	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-40-10	7/21/2016	1258	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-40-10	8/24/2016	1306	0.00	-0.13	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-40-10	9/21/2016	1230	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-10	10/20/2016	1430	-0.19	-0.19	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-40-10	11/16/2016	1310	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-40-10	12/21/2016	0913	-0.10	-0.11	0.0	0	0.0	20.9	0.7	0.0	0.0	0.0	
VMP-40-20	2/6/2012	1048	0.62	0.65	OVR	OVR	12.7	1.3	55.6	1000000	1000000	0.0	
VMP-40-20	2/7/2012	855	-0.44	-0.47	OVR	OVR	12.8	1.2	53.1	749000	666000	83000	
VMP-40-20	2/8/2012	849	0.07	-0.61	OVR	OVR	12.4	1.5	49.5	880000	306000	574000	
VMP-40-20	2/15/2012	921	-0.18	-0.43	OVR	OVR	12.7	1.0	39.5	990000	664000	326000	
VMP-40-20	2/22/2012	950	0.22	0.13	OVR	OVR	12.7	1.4	37.8	843000	598000	245000	
VMP-40-20	2/29/2012	1031	-0.22	-0.24	OVR	OVR	11.6	2.0	50.1	1000000	727000	273000	
VMP-40-20	3/6/2012	1015	-0.06	-0.27	OVR	OVR	11.2	1.2	46.0	856000	772000	84000	Benzene Reading: 11.2 ppm
VMP-40-20	3/7/2012	912	-0.52	-0.21	OVR	OVR	12.2	0.9	36.6	993000	610000	383000	Benzene Reading: 8.3 ppm
VMP-40-20	3/21/2012	905	-0.47	-0.64	OVR	OVR	11.9	0.7	34.7	1000000	1000000	0.0	
VMP-40-20	4/18/2012	1046	-0.32	-0.25	OVR	OVR	10.6	1.5	36.5	1000000	833000	167000	
VMP-40-20	5/16/2012	839	-0.62	-0.63	OVR	OVR	11.4	1.4	33.7	1000000	1000000	0.0	
VMP-40-20	6/20/2012	928	-0.45	-0.39	OVR	OVR	11.4	0.6	41.7	1000000	1000000	0.0	
VMP-40-20	7/18/2012	1008	-0.40	-0.31	OVR	OVR	10.8	1.7	32.4	363000	360000	3000	
VMP-40-20	8/15/2012	920	-0.43	-0.40	OVR	OVR	12.5	0.5	75.4	91700	70000	21700	
VMP-40-20	9/19/2012	849	-0.85	-0.78	OVR	OVR	11.0	1.8	130	160000	102000	58000	
VMP-40-20	10/17/2012	924	-0.64	-0.52	88.0	OVR	11.3	0.5	119	101000	85400	15600	
VMP-40-20	11/20/2012	1003	-0.90	-0.68	84.8	OVR	10.9	0.7	204	76700	68100	8600	
VMP-40-20	12/19/2012	903	-0.42	-0.51	58.0	OVR	11.0	0.9	121	124000	99000	25000	
VMP-40-20	1/16/2013	950	-0.25	0.00	67.2	OVR	11.0	0.9	93.2	122000	93000	29000	
VMP-40-20	2/25/2013	1324	0.21	0.35	78.0	OVR	10.9	1.0	58.0	83000	68300	14700	
VMP-40-20	3/20/2013	1044	-0.95	-0.60	66.9	OVR	11.7	0.8	26.1	176000	147000	29000	
VMP-40-20	4/25/2013	1420	-0.60	-0.55	OVR	OVR	11.4	0.7	42.8	542000	460000	82000	
VMP-40-20	5/22/2013	1027	-0.81	-0.88	OVR	OVR	9.1	4.7	33.0	402000	330000	72000	
VMP-40-20	6/25/2013	925	-0.91	-0.79	OVR	OVR	11.1	1.8	44.2	526000	501000	25000	
VMP-40-20	7/24/2013	0859	-0.90	-0.85	OVR	OVR	11.9	1.9	40.2	269000	211000	58000	
VMP-40-20	8/28/2013	0914	-0.75	-0.70	OVR	OVR	13.4	0.8	69.1	204000	142000	62000	
VMP-40-20	9/25/2013	0926	-1.13	-1.01	38.2	OVR	12.7	1.4	355	34900	21900	13000	
VMP-40-20	10/23/2013	0913	-1.52	-1.37	1.8	37	9.5	2.9	396	1700	246	1454	
VMP-40-20	11/20/2013	0850	-1.46	-1.38	0.5	10	7.0	12.6	193	522	44.0	478	
VMP-40-20	12/18/2013	1005	-1.05	-0.65	0.4	9	8.1	10.7	182	264	59.0	205	
VMP-40-20	1/29/2014	0918	-1.14	-0.62	0.2	4	8.7	9.2	102	250	73.6	176.4	
VMP-40-20	2/19/2014	0924	-1.37	-1.10	0.2	4	9.5	6.9	93.9	98.6	21.3	77.3	
VMP-40-20	3/19/2014	0915	-1.19	-1.21	0.3	6	14.6	1.6	138	218.9	92.7	126.2	
VMP-40-20	4/23/2014	0915	-1.15	-0.97	0.3	6	15.6	1.9	118	362.2	167.8	194.4	
VMP-40-20	5/21/2014	0931	-0.97	-0.79	0.3	6	12.8	4.0	100	733.9	220.9	513	
VMP-40-20	6/18/2014	0909	-0.99	-0.79	0.4	9	14.5	1.3	156	658.2	213.0	445.2	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-40-20	7/23/2014	0930	-0.95	-0.77	0.3	7	15.2	2.2	149	287.6	58.4	229.2	
VMP-40-20	8/20/2014	943	-0.94	-1.26	0.3	7	14.9	2.3	178	301.8	76.7	225.1	
VMP-40-20	9/17/2014	1020	-0.36	-0.25	0.1	3	4.9	15.5	66.5	155	38.9	116.1	
VMP-40-20	10/22/2014	1214	-0.18	-0.18	0.0	0	2.9	17.9	32.9	71.2	12.3	58.9	
VMP-40-20	11/19/2014	1246	-0.21	-1.10	0.1	2	3.9	16.0	48.7	92.8	14.3	78.5	
VMP-40-20	12/17/2014	0941	-0.33	-0.17	0.0	0	0.1	20.9	7.0	18.1	1.5	16.6	Resampled due to elevated oxygen concentration.
VMP-40-20	12/17/2014	0000	NM	NM	0.1	2	3.3	16.6	35.1	45.5	7.2	38.3	Resample.
VMP-40-20	1/28/2015	1412	0.00	0.00	0.0	0	2.5	17.7	19.1	27.3	7.5	19.8	
VMP-40-20	2/25/2015	1238	-0.12	-0.15	0.0	0	3.0	16.7	6.4	12.5	8.6	3.9	
VMP-40-20	3/25/2015	1011	-0.44	-0.43	0.0	0	1.5	18.8	8.7	17.8	5.0	12.8	
VMP-40-20	4/22/2015	1410	-0.26	-0.25	0.0	0	1.1	19.4	11.3	27.4	5.9	21.5	
VMP-40-20	5/20/2015	1348	-0.71	-0.38	0.0	0	3.3	16.7	11.8	42.9	11.4	31.5	
VMP-40-20	6/17/2015	1205	-1.53	-0.94	0.0	0	7.6	10.9	11.2	46.1	27.0	19.1	
VMP-40-20	7/22/2015	1218	-0.48	-0.41	0.0	0	4.1	15.4	8.7	27.5	7.7	19.8	
VMP-40-20	8/19/2015	1220	-1.37	-0.43	0.0	0	6.2	12.8	5.1	18.4	8.9	9.5	
VMP-40-20	9/16/2015	1159	-0.37	-0.31	0.0	0	3.5	17.5	2.5	7.2	6.3	0.9	
VMP-40-20	10/21/2015	0958	-0.27	-0.20	0.0	0	2.1	18.1	0.6	6.8	5.5	1.3	
VMP-40-20	11/23/2015	1200	-0.25	-0.38	0.0	0	7.8	10.4	1.2	4.3	0.0	4.3	
VMP-40-20	12/16/2015	1240	-0.34	-0.42	0.0	0	1.3	19.2	0.4	1.8	0.0	1.8	
VMP-40-20	1/20/2016	1325	-0.10	-0.14	0.0	0	2.5	17.4	0.4	6.3	5.6	0.7	
VMP-40-20	2/17/2016	1205	-0.39	-0.32	0.0	0	1.1	19.4	0.3	1.2	0.0	1.2	
VMP-40-20	3/22/2016	1225	-0.22	-0.27	0.0	0	1.8	18.4	0.4	0.4	0.0	0.4	
VMP-40-20	4/20/2016	1235	0.04	0.05	0.0	0	3.3	15.9	0.9	1.4	0.0	1.4	
VMP-40-20	5/18/2016	0935	-0.57	-0.53	0.0	0	0.8	19.9	0.3	0.4	0.0	0.4	
VMP-40-20	6/21/2016	1155	-0.17	-0.12	0.0	0	0.8	19.6	1.0	0.2	0.0	0.2	
VMP-40-20	7/21/2016	1302	-0.22	-0.21	0.0	0	0.6	20.2	0.7	0.0	0.0	0.0	
VMP-40-20	8/24/2016	1307	-0.30	-0.25	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-40-20	9/21/2016	1235	-0.24	-0.22	0.0	0	0.8	19.6	0.2	0.0	0.0	0.0	
VMP-40-20	10/20/2016	1432	-0.33	-0.32	0.0	0	1.2	19.7	0.0	3.6	3.6	0.0	
VMP-40-20	11/16/2016	1311	0.00	0.00	0.0	0	3.4	16.8	0.6	3.4	3.4	0.0	
VMP-40-20	12/21/2016	0915	-0.15	-0.29	0.0	0	1.1	19.7	0.4	0.0	0.0	0.0	
VMP-40-30	2/6/2012	1049	-0.05	-0.71	OVR	OVR	13.7	1.0	52.6	1000000	587000	413000	
VMP-40-30	2/7/2012	856	-0.04	-0.44	OVR	OVR	13.8	1.0	48.8	532000	438000	94000	
VMP-40-30	2/8/2012	850	-0.70	-0.60	OVR	OVR	15.5	1.0	47.3	628000	392000	236000	
VMP-40-30	2/15/2012	922	-0.19	-0.62	OVR	OVR	12.7	2.0	38.2	614000	614000	0.0	
VMP-40-30	2/22/2012	951	0.62	0.18	OVR	OVR	13.2	1.0	38.6	934000	624000	310000	
VMP-40-30	2/29/2012	1032	-0.16	-0.21	OVR	OVR	12.8	1.2	44.8	1000000	838000	162000	
VMP-40-30	3/6/2012	1020	-0.58	0.02	OVR	OVR	12.7	0.9	41.8	1000000	945000	55000	Benzene Reading: 10.5 ppm

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-40-30	3/7/2012	913	-0.61	-0.18	OVR	OVR	13.1	1.2	35.5	1000000	902000	98000	Benzene Reading: 9.8 ppm
VMP-40-30	3/21/2012	906	-0.36	-0.42	OVR	OVR	12.6	0.4	34.7	1000000	1000000	0.0	
VMP-40-30	4/18/2012	1047	-0.44	-0.85	OVR	OVR	11.6	4.3	35.0	1000000	1000000	0.0	
VMP-40-30	5/16/2012	839	-0.38	-0.66	OVR	OVR	11.4	0.9	25.8	1000000	1000000	0.0	
VMP-40-30	6/20/2012	932	-0.10	-1.04	OVR	OVR	10.7	0.3	32.0	1000000	1000000	0.0	
VMP-40-30	7/18/2012	1004	-0.44	-0.49	OVR	OVR	9.9	1.6	19.4	1000000	1000000	0.0	
VMP-40-30	8/15/2012	925	-0.58	-0.37	OVR	OVR	11.1	0.9	37.0	390000	292000	98000	
VMP-40-30	9/19/2012	849	-0.85	-0.84	OVR	OVR	10.5	1.7	47.4	274000	163000	111000	
VMP-40-30	10/17/2012	925	0.00	-0.52	OVR	OVR	11.1	0.7	52.3	188000	120000	68000	
VMP-40-30	11/20/2012	1005	-0.93	-0.71	61.2	OVR	11.8	0.6	80.8	102000	102000	0.0	
VMP-40-30	12/19/2012	907	-0.46	-0.97	84.4	OVR	10.8	1.7	73.6	204000	160000	44000	
VMP-40-30	1/16/2013	955	-0.26	0.04	OVR	OVR	11.1	1.6	63.5	220000	162000	58000	
VMP-40-30	2/25/2013	1328	0.25	0.55	87.7	OVR	11.5	0.7	36.7	153000	86600	66400	
VMP-40-30	3/20/2013	1057	-0.95	-0.53	OVR	OVR	11.7	1.1	25.5	330000	267000	63000	
VMP-40-30	4/25/2013	1426	-0.54	-0.54	OVR	OVR	11.4	0.8	44.2	1000000	670000	330000	
VMP-40-30	5/22/2013	1028	-0.82	-0.90	OVR	OVR	10.8	1.0	41.0	1000000	1000000	0.0	
VMP-40-30	6/25/2013	929	-0.91	-0.80	OVR	OVR	10.2	1.9	43.4	1000000	1000000	0.0	
VMP-40-30	7/24/2013	0903	-0.90	-0.86	OVR	OVR	11.0	1.0	33.4	1000000	1000000	0.0	
VMP-40-30	8/28/2013	0916	-0.73	-0.70	OVR	OVR	11.8	0.8	59.2	1000000	536000	464000	
VMP-40-30	9/25/2013	0927	-1.13	-1.01	15.9	OVR	12.3	1.4	104	47200	37200	10000	
VMP-40-30	10/23/2013	0918	-1.48	-1.35	0.2	4	10.4	3.4	35	1460	1410	50.0	
VMP-40-30	11/20/2013	0855	-1.41	-1.32	0.0	1	7.3	12.2	11.0	383	381	2.0	
VMP-40-30	12/19/2013	1010	-0.99	-0.55	0.0	0	7.6	11.3	5.0	157	120	37.0	
VMP-40-30	1/29/2014	0922	-1.12	-0.60	0.0	0	9.8	8.8	3.5	455	407.0	48	
VMP-40-30	2/19/2014	0925	-1.46	-1.18	0.0	1	9.8	8.9	3.0	218	193.0	25	
VMP-40-30	3/19/2014	0916	-1.28	-0.29	0.0	0	2.0	19.2	2.8	130	37.5	92.5	
VMP-40-30	4/23/2014	0916	-0.25	-0.23	0.0	0	1.6	19.2	2.7	184	171.0	13	
VMP-40-30	5/21/2014	0931	-0.19	-0.18	0.0	0	1.2	19.6	4.5	13.9	3.8	10.1	
VMP-40-30	6/18/2014	0910	-0.21	-0.15	0.0	0	1.5	18.9	5.9	14.8	3.2	11.6	
VMP-40-30	7/23/2014	0935	-0.17	-0.19	0.0	0	1.4	19.1	4.4	11.6	2.5	9.1	
VMP-40-30	8/20/2014	948	-0.11	-0.25	0.0	0	1.1	19.4	2.3	4.62	0.0	4.62	
VMP-40-30-Dup	8/20/2014	0959	NM	NM	0.0	0	1.0	19.6	2.6	4.66	0.0	4.66	Duplicate Sample.
VMP-40-30	9/17/2014	1025	-0.25	-0.16	0.0	0	0.5	20.4	1.9	4.36	0.0	4.36	
VMP-40-30	10/23/2014	1215	-0.12	-0.10	0.0	0	0.1	20.8	0.6	1.36	0.0	1.36	
VMP-40-30	11/19/2014	1246	-0.27	-0.17	0.0	0	0.1	20.9	0.9	2.21	0.0	2.21	
VMP-40-30	12/17/2014	0946	-0.27	-0.09	0.0	0	0.1	20.9	6.5	18	1.7	16.3	
VMP-40-30	1/28/2015	1416	0.00	0.00	0.0	0	0.1	20.9	0.7	1.4	0.0	1.4	
VMP-40-30	2/25/2015	1243	0.00	-0.11	0.0	0	0.1	20.8	0.6	1.3	0.0	1.3	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-40-30	3/25/2015	1016	-0.30	-0.27	0.0	0	0.1	20.9	0.7	2.0	0.0	2.0	
VMP-40-30	4/22/2015	1415	-0.18	-0.17	0.0	0	0.0	20.9	0.7	2.0	0.0	2.0	
VMP-40-30-Dup	4/22/2015	1415	NM	NM	0.0	0	0.0	20.9	0.7	1.9	0.0	1.9	Duplicate sample.
VMP-40-30	5/20/2015	1353	-0.72	-0.31	0.0	0	0.0	20.9	0.2	20.5	0.0	20.5	
VMP-40-30	6/17/2015	1210	-0.36	-0.30	0.0	0	0.0	20.9	0.3	1.0	0.0	1.0	
VMP-40-30	7/22/2015	1223	-0.24	-0.22	0.0	0	0.0	20.9	0.3	0.3	0.0	0.3	
VMP-40-30	8/19/2015	1225	-0.22	-0.23	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-40-30	9/16/2015	1204	-0.17	-0.17	0.0	0	0.0	20.9	1.5	0.3	0.0	0.3	
VMP-40-30	10/21/2015	1003	-0.13	0.00	0.0	0	0.0	20.9	0.3	0.4	0.0	0.4	
VMP-40-30	11/23/2015	1205	-0.22	-0.13	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-40-30-Dup	11/23/2015	1205	NM	NM	0.0	0	0.0	20.9	0.0	0	0.0	0.0	Duplicate sample.
VMP-40-30	12/16/2015	1245	-0.23	-0.27	0.0	0	0.0	20.9	0.3	0.3	0.0	0.3	
VMP-40-30	1/20/2016	1330	0.00	-0.09	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-40-30	2/17/2016	1210	-0.26	-0.19	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-40-30	3/22/2016	1230	-0.15	-0.17	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-40-30	4/20/2016	1240	0.03	0.04	0.0	0	0.2	20.3	0.5	0.0	0.0	0.0	
VMP-40-30	5/18/2016	0940	-0.34	-0.32	0.0	0	0.2	20.8	0.5	0.0	0.0	0.0	
VMP-40-30	6/21/2016	1200	0.00	0.00	0.0	0	0.2	20.8	0.5	0.0	0.0	0.0	
VMP-40-30	7/21/2016	1305	-0.13	-0.14	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-40-30	8/24/2016	1308	-0.18	-0.13	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-40-30	9/21/2016	1237	-0.16	-0.15	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-30	10/20/2016	1433	-0.27	-0.26	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-40-30	11/16/2016	1312	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-40-30	12/21/2016	0917	-0.13	-0.21	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-40-30-DUP	12/21/2016	0917	NM	NM	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-41-10	12/13/2012	1426	-0.01	-0.03	0.0	0	2.7	18.2	0.2	0.5	0.0	0.5	Initail sample after Public Works SVE startup.
VMP-41-10	12/19/2012	1312	0.01	-0.02	0.0	0	1.9	19.1	0.2	0.1	0.0	0.1	
VMP-41-10	1/16/2013	905	0.00	-0.04	0.0	0	0.5	20.7	0.1	1.6	0.0	1.6	
VMP-41-10	2/25/2013	1115	-0.06	-0.07	0.0	0	0.2	20.7	0.2	1.5	0.0	1.5	
VMP-41-10	3/20/2013	1350	-0.02	-0.05	0.0	0	0.2	20.8	1.3	4.4	0.0	4.4	
VMP-41-10	4/25/2013	1326	0.00	-0.06	0.0	0	0.3	20.6	0.4	0.8	0.0	0.8	
VMP-41-10	5/22/2013	1448	-0.16	-0.18	0.0	0	0.6	20.3	0.5	0.7	0.0	0.7	
VMP-41-10	6/25/2013	1318	-0.12	-0.09	0.0	0	0.6	20.2	0.6	0.2	0.0	0.2	
VMP-41-10	7/24/2013	1311	-0.21	-0.19	0.0	0	0.4	20.8	0.6	1.3	0.0	1.3	
VMP-41-10	8/28/2013	1459	-0.05	-0.04	0.0	0	0.3	20.7	0.6	0.9	0.0	0.9	
VMP-41-10	9/25/2013	1316	-0.03	-0.13	0.0	0	0.2	20.7	0.5	0.5	0.0	0.5	
VMP-41-10	10/23/2013	1322	-0.20	-0.22	0.0	0	0.1	20.9	0.5	0.7	0.0	0.7	
VMP-41-10	11/20/2013	1215	-0.33	-0.17	0.0	0	0.0	20.9	0.8	2.9	0.0	2.9	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-41-10	12/18/2013	1428	-0.19	-0.23	0.0	0	0.1	20.9	0.5	1.1	0.0	1.1	
VMP-41-10	1/29/2014	0851	-0.28	-0.20	0.0	0	0.1	20.9	0.4	2.25	0.0	2.25	
VMP-41-10	2/19/2014	1344	-0.20	-0.22	0.0	0	0.1	20.9	0.8	1.78	0.0	1.78	
VMP-41-10	3/19/2014	1317	-0.10	-0.10	0.0	0	0.1	20.9	0.9	1.15	0.0	1.15	
VMP-41-10	4/23/2014	1420	-0.21	-0.17	0.0	0	0.3	20.8	1.1	1.97	0.0	1.97	
VMP-41-10	5/21/2014	1344	-0.24	-0.25	0.0	0	0.4	20.8	1.7	1.74	0.0	1.74	
VMP-41-10	6/18/2014	0819	-0.33	-0.28	0.0	0	0.5	20.8	3.0	3.98	0.0	3.98	
VMP-41-10	7/23/2014	0837	-0.24	-0.22	0.0	0	0.3	20.8	1.8	0.57	0.0	0.57	
VMP-41-10	8/21/2014	1110	-0.30	-0.29	0.0	0	0.5	20.6	1.7	0.48	0.0	0.48	
VMP-41-10	9/17/2014	1138	-0.29	-0.27	0.0	0	0.3	20.7	1.2	1.62	0.0	1.62	
VMP-41-10	10/22/2014	0909	-0.30	-0.30	0.0	0	0.2	20.8	1.1	1.38	0.0	1.38	
VMP-41-10	11/19/2014	0859	-0.29	-0.26	0.0	0	0.0	20.9	0.9	1.06	0.0	1.06	
VMP-41-10	12/17/2014	1120	-0.31	-0.27	0.0	0	0.1	20.9	0.4	0.88	0.0	0.88	
VMP-41-10	1/28/2015	1124	-0.29	-0.22	0.0	0	0.1	20.9	0.7	0.7	0.0	0.7	
VMP-41-10	2/25/2015	0908	-0.23	-0.15	0.0	0	0.1	20.9	0.4	0.3	0.0	0.3	
VMP-41-10	3/25/2015	1120	-0.30	-0.26	0.0	0	0.2	20.9	0.6	1.1	0.0	1.1	
VMP-41-10	4/22/2015	0940	-0.33	-0.27	0.0	0	0.2	20.8	0.5	1.0	0.0	1.0	
VMP-41-10	5/20/2015	1105	-0.32	-0.29	0.0	0	0.4	20.6	0.4	0.7	0.0	0.7	
VMP-41-10-Dup	5/20/2015	1105	NM	NM	0.0	0	0.4	20.6	0.4	0.3	0.0	0.3	Duplicate sample.
VMP-41-10	6/17/2015	0831	-0.18	-0.14	0.0	0	0.6	20.2	0.9	0.8	0.0	0.8	
VMP-41-10	7/22/2015	0831	-0.12	0.00	0.0	0	0.9	20.2	0.1	0.0	0.0	0.0	
VMP-41-10	8/19/2015	1140	-0.13	-0.12	0.0	0	0.8	20.3	0.3	0.0	0.0	0.0	
VMP-41-10	9/16/2015	1110	0.00	0.00	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-41-10	10/21/2015	1025	0.00	0.00	0.0	0	0.2	20.8	0.7	0.0	0.0	0.0	
VMP-41-10	11/23/2015	1118	0.00	-0.12	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-41-10	12/16/2015	1122	0.00	0.00	0.0	0	0.0	20.9	0.2	0	0.0	0.0	
VMP-41-10-Dup	12/16/2015	1125	NM	NM	0.0	0	0.0	20.9	0.2	0	0.0	0.0	Duplicate sample.
VMP-41-10	1/20/2016	1515	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-41-10	2/19/2016	1005	-0.15	-0.11	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-41-10	3/22/2016	1040	0.00	0.00	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
VMP-41-10	4/20/2016	1440	0.00	0.00	0.0	0	0.3	20.6	0.4	0.0	0.0	0.0	
VMP-41-10	5/19/2016	1300	-0.06	-0.06	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-41-10	6/21/2016	1015	0.00	0.00	0.0	0	0.8	20.3	0.4	0.0	0.0	0.0	
VMP-41-10	7/20/2016	1221	0.00	0.00	0.0	0	0.8	20.3	0.1	0.0	0.0	0.0	
VMP-41-10	8/24/2016	1515	0.00	0.00	0.0	0	1.0	20.1	0.3	0.0	0.0	0.0	
VMP-41-10	9/21/2016	1055	0.00	0.0	0.0	0	0.8	20.1	0.0	0.0	0.0	0.0	
VMP-41-10	10/20/2016	1023	-0.11	0.00	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-41-10	11/16/2016	1024	0.00	0.00	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-41-10	12/21/2016	0843	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	Initial vacuum measured at -0.15 inwc on 12/28/2016.
VMP-41-20	12/13/2012	1438	-0.04	-0.03	0.0	0	4.7	15.9	0.1	0.7	0.0	0.7	Initail sample after Public Works SVE startup.
VMP-41-20	12/19/2012	1316	0.00	-0.01	0.0	0	3.6	17.6	0.3	0.3	0.0	0.3	
VMP-41-20	1/16/2013	906	0.00	-0.02	0.0	0	2.8	18.5	0.1	1.9	0.0	1.9	
VMP-41-20	2/25/2013	1110	-0.07	-0.07	0.0	0	0.5	20.5	0.3	1.2	0.0	1.2	
VMP-41-20	3/20/2013	1354	-0.02	-0.08	0.0	0	0.3	20.7	0.7	2.0	0.0	2.0	
VMP-41-20	4/25/2013	1334	0.00	-0.06	0.0	0	0.3	20.6	0.5	0.7	0.0	0.7	
VMP-41-20	5/22/2013	1449	-0.17	-0.20	0.0	0	0.4	20.4	0.7	0.9	0.0	0.9	
VMP-41-20	6/25/2013	1322	-0.13	-0.09	0.0	0	0.6	20.3	0.6	0.3	0.0	0.3	
VMP-41-20	7/24/2013	1315	-0.25	-0.23	0.0	0	0.6	20.4	0.6	0.8	0.0	0.8	
VMP-41-20	8/28/2013	1500	-0.10	-0.07	0.0	0	0.4	20.6	0.6	1.2	0.0	1.2	
VMP-41-20	9/25/2013	1317	-0.04	-0.17	0.0	0	0.3	20.6	0.7	0.4	0.0	0.4	
VMP-41-20	10/23/2013	1327	-0.25	-0.27	0.0	0	0.1	20.9	0.2	0.7	0.0	0.7	
VMP-41-20	11/20/2013	1219	-0.36	-0.21	0.0	0	0.1	20.9	0.8	2.0	0.0	2.0	
VMP-41-20	12/18/2013	1432	-0.22	-0.26	0.0	0	0.1	20.9	0.7	1.2	0.0	1.2	
VMP-41-20	1/29/2014	0851	-0.17	-0.09	0.0	0	0.1	20.9	0.4	1.41	0.0	1.41	
VMP-41-20	2/19/2014	1345	-0.21	-0.22	0.0	0	0.1	20.8	1.0	1.98	0.0	1.98	
VMP-41-20	3/19/2014	1322	-0.14	-0.13	0.0	0	0.1	20.8	0.8	0.97	0.0	0.97	
VMP-41-20	4/23/2014	1420	-0.25	-0.23	0.0	0	0.2	20.8	1.2	2.05	0.0	2.05	
VMP-41-20	5/21/2014	1344	-0.27	-0.29	0.0	0	0.4	20.6	1.0	2.21	0.0	2.21	
VMP-41-20	6/18/2014	0819	-0.36	-0.35	0.0	0	0.5	20.7	1.4	3.66	0.0	3.66	
VMP-41-20	7/23/2014	838	-0.31	-0.29	0.0	0	0.5	20.7	1.5	0.89	0.0	0.89	
VMP-41-20	8/21/2014	1115	-0.35	-0.33	0.0	0	0.5	20.5	1.7	1.27	0.0	1.27	
VMP-41-20	9/17/2014	1139	-0.36	-0.33	0.0	0	0.4	20.6	1.2	1.39	0.0	1.39	
VMP-41-20	10/22/2014	0910	-0.38	-0.35	0.0	0	0.3	20.8	1.2	1.49	0.0	1.49	
VMP-41-20	11/19/2014	0859	-0.32	-0.34	0.0	0	0.2	20.8	0.9	1.14	0.0	1.14	
VMP-41-20	12/17/2014	1126	-0.37	-0.33	0.0	0	0.1	20.9	0.6	0.75	0.0	0.75	
VMP-41-20	1/28/2015	1129	-0.32	-0.17	0.0	0	0.1	20.9	1.0	0.4	0.0	0.4	
VMP-41-20	2/25/2015	0911	-0.28	-0.20	0.0	0	0.1	20.8	0.4	0.3	0.0	0.3	
VMP-41-20	3/25/2015	1120	-0.36	-0.31	0.0	0	0.1	20.8	0.9	1.0	0.0	1.0	
VMP-41-20	4/22/2015	0941	-0.43	-0.32	0.0	0	0.1	20.8	0.5	0.8	0.0	0.8	
VMP-41-20	5/20/2015	1110	-0.30	-0.10	0.0	0	0.0	20.9	0.5	1.5	0.0	1.5	
VMP-41-20	6/17/2015	0835	-0.18	-0.13	0.0	0	0.4	20.4	0.8	0.6	0.0	0.6	
VMP-41-20	7/22/2015	0835	0.00	0.00	0.0	0	0.7	20.2	0.4	0.0	0.0	0.0	
VMP-41-20	8/19/2015	1145	-0.14	-0.11	0.0	0	0.8	20.1	0.2	0.0	0.0	0.0	
VMP-41-20	9/16/2015	1115	0.00	-0.09	0.0	0	0.7	20.3	0.2	0.0	0.0	0.0	
VMP-41-20	10/21/2015	1028	0.00	0.00	0.0	0	0.4	20.7	0.6	0	0.0	0.0	
VMP-41-20	11/23/2015	1119	0.00	-0.14	0.0	0	0.3	20.7	0.0	0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-41-20	12/16/2015	1123	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-20	1/20/2016	1520	0.00	0.00	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-41-20	2/17/2016	1109	0.00	0.00	0.0	0	0.2	20.5	0.2	0.0	0.0	0.0	
VMP-41-20	3/22/2016	1045	0.00	0.00	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-41-20	4/20/2016	1445	0.00	0.00	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-41-20	5/19/2016	1305	-0.07	-0.07	0.0	0	0.4	20.4	0.5	0.0	0.0	0.0	
VMP-41-20	6/21/2016	1020	0.00	0.00	0.0	0	0.5	205.0	0.7	0.0	0.0	0.0	
VMP-41-20	7/20/2016	1222	0.00	0.00	0.0	0	0.8	20.1	0.2	0.0	0.0	0.0	
VMP-41-20	8/24/2016	1516	0.00	0.00	0.0	0	1.1	19.9	0.0	0.0	0.0	0.0	
VMP-41-20	9/21/2016	1056	0.00	0.0	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-41-20	10/20/2016	1026	-0.12	0.00	0.0	0	1.0	20.2	0.3	0.0	0.0	0.0	
VMP-41-20	11/16/2016	1025	0.00	0.00	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-41-20	12/21/2016	0854	0.00	0.00	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-41-26	12/13/2012	1443	-0.02	-0.03	0.0	0	7.0	13.1	0.1	1.0	0.0	1.0	Initail sample after Public Works SVE startup.
VMP-41-26	12/19/2012	1320	-0.02	-0.02	0.0	0	5.8	14.8	0.3	0.2	0.0	0.2	
VMP-41-26	1/16/2013	907	0.00	-0.08	0.0	0	2.4	19.1	0.2	1.1	0.0	1.1	
VMP-41-26	2/25/2013	1120	-0.07	-0.08	0.0	0	1.1	20.0	0.3	1.5	0.0	1.5	
VMP-41-26	3/20/2013	1358	-0.01	-0.08	0.0	0	0.9	20.4	0.6	1.4	0.0	1.4	
VMP-41-26	4/25/2013	1339	0.00	-0.06	0.0	0	0.6	20.2	0.4	0.8	0.0	0.8	
VMP-41-26	5/22/2013	1450	-0.19	-0.21	0.0	0	0.6	20.0	0.7	0.6	0.0	0.6	
VMP-41-26	6/25/2013	1326	-0.13	-0.10	0.0	0	0.9	20.3	0.7	0.2	0.0	0.2	
VMP-41-26	7/24/2013	1319	-0.25	-0.24	0.0	0	1.0	20.1	0.5	0.8	0.0	0.8	
VMP-41-26	8/28/2013	1501	0.04	0.05	0.0	0	0.2	20.8	0.6	1.7	0.0	1.7	
VMP-41-26	9/25/2013	1317	0.00	-0.01	0.0	0	0.1	20.8	0.5	1.4	0.0	1.4	
VMP-41-26	10/23/2013	1332	-0.07	-0.20	0.0	0	0.1	20.9	0.3	1.6	0.0	1.6	
VMP-41-26	11/20/2013	1223	-0.38	-0.23	0.0	0	0.3	20.8	0.6	1.2	0.0	1.2	
VMP-41-26	12/18/2013	1436	-0.23	-0.28	0.0	0	0.3	20.9	0.7	0.8	0.0	0.8	
VMP-41-26	1/29/2014	0851	-0.19	-0.11	0.0	0	0.2	20.7	0.3	1.25	0.0	1.25	
VMP-41-26	2/19/2014	1345	-0.20	-0.21	0.0	0	0.3	20.4	1.0	1.35	0.0	1.35	
VMP-41-26	3/19/2014	1327	-0.15	-0.16	0.0	0	0.3	20.7	0.8	0.87	0.0	0.87	
VMP-41-26	4/23/2014	1421	-0.28	-0.25	0.0	0	0.2	20.7	1.2	1.97	0.0	1.97	
VMP-41-26	5/21/2014	1344	-0.37	-0.31	0.0	0	0.3	20.8	1.9	2.27	0.0	2.27	
VMP-41-26	6/18/2014	0820	-0.40	-0.36	0.0	0	0.1	20.9	2.5	3.3	0.0	3.3	
VMP-41-26	7/23/2014	0838	-0.32	-0.30	0.0	0	0.6	20.6	1.7	1.29	0.0	1.29	
VMP-41-26	8/21/2014	1120	-0.36	-0.35	0.0	0	0.5	20.3	2.0	0.52	0.0	0.52	
VMP-41-26	9/17/2014	1140	-0.37	-0.34	0.0	0	0.6	20.4	1.0	0.99	0.0	0.99	
VMP-41-26	10/22/2014	0910	-0.39	-0.37	0.0	0	0.5	20.6	0.8	0.71	0.0	0.71	
VMP-41-26	11/19/2014	0900	-0.34	-0.35	0.0	0	0.4	20.7	1.0	0.82	0.0	0.82	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-41-26	12/17/2014	1131	-0.40	-0.35	0.0	0	0.2	20.9	0.5	0.52	0.0	0.52	
VMP-41-26	1/28/2015	1136	-0.33	-0.26	0.0	0	0.2	20.8	1.0	0.5	0.0	0.5	
VMP-41-26	2/25/2015	0912	-0.30	-0.19	0.0	0	0.2	20.8	0.5	0.2	0.0	0.2	
VMP-41-26	3/25/2015	1122	-0.39	-0.34	0.0	0	0.2	20.7	0.7	0.8	0.0	0.8	
VMP-41-26	4/22/2015	0942	-0.46	-0.35	0.0	0	0.0	20.9	0.3	0.6	0.0	0.6	
VMP-41-26	5/20/2015	1115	-0.42	-0.37	0.0	0	0.3	20.7	0.5	0.4	0.0	0.4	
VMP-41-26	6/17/2015	0839	-0.24	-0.18	0.0	0	0.4	20.4	0.5	1.0	0.0	1.0	
VMP-41-26	7/22/2015	0839	0.00	0.00	0.0	0	0.7	19.9	0.2	0.0	0.0	0.0	
VMP-41-26	8/19/2015	1150	-0.14	-0.12	0.0	0	0.9	19.8	0.1	0.0	0.0	0.0	
VMP-41-26	9/16/2015	1120	0.00	-0.24	0.0	0	0.9	20.0	0.3	0.0	0.0	0.0	
VMP-41-26	10/21/2015	1030	0.00	0.00	0.0	0	0.8	20.4	0.6	0	0.0	0.0	
VMP-41-26	11/23/2015	1120	-0.20	-0.13	0.0	0	0.6	20.2	0.0	0	0.0	0.0	
VMP-41-26	12/16/2015	1124	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-41-26	1/20/2016	1525	0.00	0.00	0.0	0	0.4	20.6	0.1	0.0	0.0	0.0	
VMP-41-26	2/19/2016	1010	0.00	0.00	0.0	0	0.4	20.6	0.3	0.0	0.0	0.0	
VMP-41-26-Dup	2/19/2016	1010	NM	NM	0.0	0	0.4	20.6	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	3/22/2016	1050	0.00	0.00	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-41-26	4/20/2016	1450	0.00	0.00	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-41-26-Dup	4/20/2016	1450	NM	NM	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	5/19/2016	1310	-0.08	-0.09	0.0	0	0.4	20.3	0.7	0.0	0.0	0.0	
VMP-41-26	6/21/2016	1025	0.00	0.00	0.0	0	0.5	20.3	0.3	0.0	0.0	0.0	
VMP-41-26	7/20/2016	1224	0.00	0.0	0.0	0	0.7	20.1	0.3	0.0	0.0	0.0	
VMP-41-26-Dup	7/20/2016	1223	0.00	0.00	0.0	0	0.7	20.1	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-41-26	8/24/2016	1517	0.00	0.00	0.0	0	0.5	20.6	0.3	0.0	0.0	0.0	
VMP-41-26	9/21/2016	1057	0.00	0.0	0.0	0	1.2	19.9	0.0	0.0	0.0	0.0	
VMP-41-26	10/20/2016	1031	-0.13	0.00	0.0	0	1.3	20.0	0.4	0.0	0.0	0.0	
VMP-41-26	11/16/2016	1026	0.00	0.00	0.0	0	1.0	20.0	0.1	0.0	0.0	0.0	
VMP-41-26	12/21/2016	0858	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-42-10	2/16/2012	816	-0.16	-0.23	0.0	0	6.7	12.8	0.5	3.6	0.0	3.6	
VMP-42-10	2/17/2012	1426	-0.01	-0.01	0.0	0	7.0	13.8	0.9	15.1	15.1	0.0	
VMP-42-10	2/20/2012	1402	0.00	3.29	0.0	0	6.2	15.3	0.8	10.1	7.7	2.5	
VMP-42-10	2/21/2012	815	-0.08	-0.12	0.0	0	5.0	16.9	1.2	7.9	7.9	0.0	
VMP-42-10	2/22/2012	900	-0.02	-0.02	0.0	0	5.5	16.2	0.7	17.2	14.2	3.0	
VMP-42-10	2/29/2012	944	0.00	0.00	0.0	0	4.2	17.8	0.7	2.6	0.0	2.6	
VMP-42-10	3/21/2012	1443	0.00	0.00	0.0	0	3.4	18.3	0.5	0.0	0.0	0.0	
VMP-42-10	4/18/2012	1017	-0.04	0.00	0.0	0	2.4	18.9	0.2	1.8	0.0	1.8	
VMP-42-10	5/16/2012	932	-0.10	-0.13	0.0	0	2.2	19.1	0.3	0.0	0.0	0.0	
VMP-42-10	6/20/2012	1405	-0.05	-0.04	0.0	0	2.4	18.7	1.0	2.7	0.0	2.7	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-42-10	7/18/2012	1514	0.00	0.00	0.0	0	2.3	18.6	0.6	2.7	0.0	2.7	
VMP-42-10	8/15/2012	1439	0.01	-0.04	0.0	0	2.3	19.0	1.1	4.1	0.0	4.1	
VMP-42-10	9/19/2012	942	-0.05	-0.08	0.0	0	1.6	19.5	0.5	1.8	0.0	1.8	
VMP-42-10	10/17/2012	827	0.00	-0.09	0.0	0	1.0	19.9	0.4	0.7	0.0	0.7	
VMP-42-10	11/20/2012	1527	-0.07	-0.08	0.0	0	0.7	20.1	0.2	1.8	0.0	1.8	
VMP-42-10	12/19/2012	1005	-0.11	-0.03	0.0	0	0.5	20.4	0.1	0.6	0.0	0.6	
VMP-42-10	1/16/2013	1510	0.00	-0.10	0.0	0	0.5	20.5	0.2	0.8	0.0	0.8	
VMP-42-10	2/25/2013	1520	0.08	0.08	0.0	0	0.6	20.6	0.2	0.6	0.0	0.6	
VMP-42-10	3/21/2013	1100	-0.10	-0.05	0.0	0	0.2	20.8	0.6	1.3	0.0	1.3	
VMP-42-10	4/24/2013	1015	-0.22	-0.18	0.0	0	0.3	20.5	0.3	0.3	0.0	0.3	
VMP-42-10	5/23/2013	835	-0.15	-0.19	0.0	0	0.7	20.2	0.5	0.6	0.0	0.6	
VMP-42-10	6/26/2013	1135	-0.06	0.00	0.0	0	1.0	19.6	0.2	0.8	0.0	0.8	
VMP-42-10	7/25/2013	0847	-0.20	-0.07	0.0	0	1.2	19.8	0.7	0.5	0.0	0.5	
VMP-42-10	8/28/2013	1235	-0.08	0.00	0.0	0	0.7	20.1	0.9	1.0	0.0	1.0	
VMP-42-10	9/26/2013	0903	-0.21	-0.19	0.0	0	0.6	20.6	0.5	0.4	0.0	0.4	
VMP-42-10	10/24/2013	0930	-0.25	-0.24	0.0	0	0.4	20.5	0.3	1.0	0.0	1.0	
VMP-42-10	11/20/2013	1528	-0.14	-0.10	0.0	0	0.3	20.7	0.5	0.4	0.0	0.4	
VMP-42-10	12/19/2013	1050	-0.14	-0.08	0.0	0	0.2	20.9	0.1	0.0	0.0	0.0	
VMP-42-10	1/31/2014	1005	-0.22	-0.16	0.0	0	0.1	20.8	0.4	0.97	0.0	0.97	
VMP-42-10	2/25/2014	1439	-0.09	0.00	0.0	0	0.1	20.9	0.7	1.78	0.0	1.78	
VMP-42-10	3/19/2014	1517	-0.19	-0.23	0.0	0	0.2	20.9	1.0	1.28	0.0	1.28	
VMP-42-10	4/24/2014	0942	-0.15	-0.17	0.0	0	0.2	20.8	1.3	1.44	0.0	1.44	
VMP-42-10	5/22/2014	1335	-0.12	-0.15	0.0	0	0.4	20.7	0.9	0.48	0.0	0.48	
VMP-42-10	6/18/2014	1007	-0.12	-0.12	0.0	0	0.7	20.3	1.6	0.95	0.0	0.95	
VMP-42-10	7/24/2014	1033	-0.09	0.00	0.0	0	1.1	19.9	3.0	2.63	0.0	2.63	
VMP-42-10	8/21/2014	1039	-0.09	-0.06	0.0	0	1.2	19.7	1.6	1.78	0.0	1.78	
VMP-42-10	9/18/2014	1039	-0.15	-0.11	0.0	0	1.0	20.0	2.0	1.69	0.0	1.69	
VMP-42-10	10/23/2014	1351	0.00	0.00	0.0	0	0.8	20.6	0.5	0.69	0.0	0.69	
VMP-42-10	11/20/2014	0954	-0.09	-0.06	0.0	0	0.5	20.5	0.9	0.52	0.0	0.52	
VMP-42-10	12/18/2014	1501	0.00	-0.89	0.0	0	0.4	20.7	1.4	0.48	0.0	0.48	
VMP-42-10	1/29/2015	0925	-0.24	-0.20	0.0	0	0.2	20.8	0.8	0.5	0.0	0.5	
VMP-42-10	2/26/2015	1122	-0.11	-0.14	0.0	0	0.2	20.5	0.6	0.2	0.0	0.2	
VMP-42-10	3/27/2015	1101	-0.14	-0.10	0.0	0	0.2	20.8	0.8	0.1	0.0	0.1	
VMP-42-10	4/23/2015	1139	0.00	0.00	0.0	0	0.5	20.3	1.0	1.3	0.0	1.3	
VMP-42-10	5/21/2015	1330	-0.22	-0.30	0.0	0	0.7	20.0	0.6	1.3	0.0	1.3	
VMP-42-10	6/18/2015	0910	-0.19	-0.11	0.0	0	0.9	19.9	0.6	0.6	0.0	0.6	
VMP-42-10	7/23/2015	1120	-0.10	-0.11	0.0	0	1.0	19.7	0.3	0.0	0.0	0.0	
VMP-42-10	8/20/2015	1355	0.00	-0.13	0.0	0	1.0	20.0	0.1	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-42-10	9/17/2015	1329	0.00	0.0	0.0	0	0.9	20.2	0.5	0.0	0.0	0.0	
VMP-42-10	10/22/2015	1450	0.00	0.00	0.0	0	0.6	20.5	0.1	0	0.0	0.0	
VMP-42-10	11/24/2015	1435	0.00	-0.13	0.0	0	0.4	20.6	0.5	0	0.0	0.0	
VMP-42-10	12/17/2015	1349	0.00	0.00	0.0	0	0.3	20.7	0.2	0	0.0	0.0	
VMP-42-10	1/21/2016	1340	0.00	-0.11	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-42-10	2/18/2016	1628	0.00	0.00	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-42-10	3/23/2016	1410	0.00	0.00	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-42-10	4/20/2016	1055	-0.07	-0.02	0.0	0	0.2	20.5	0.2	0.0	0.0	0.0	
VMP-42-10	5/19/2016	1345	-0.16	-0.17	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-42-10	6/22/2016	1125	0.00	0.00	0.0	0	0.6	20.0	0.6	0.0	0.0	0.0	
VMP-42-10	7/21/2016	1557	0.00	-0.11	0.0	0	1.1	19.7	0.0	0.0	0.0	0.0	
VMP-42-10	8/25/2016	1316	0.00	-0.13	0.0	0	1.2	19.6	0.1	0.0	0.0	0.0	
VMP-42-10	9/22/2016	1305	0.00	0.0	0.0	0	1.0	19.8	0.0	0.0	0.0	0.0	
VMP-42-10	10/21/2016	1415	-0.17	-0.17	0.0	0	1.0	20.0	0.0	0.0	0.0	0.0	
VMP-42-10	11/17/2016	1330	0.00	0.00	0.0	0	0.8	20.0	0.2	0.0	0.0	0.0	
VMP-42-10	12/22/2016	1110	0.00	0.00	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-42-20	2/16/2012	817	-0.18	-0.73	4.6	93	13.5	1.4	96.3	9580	6940	2640	
VMP-42-20	2/17/2012	1426	-0.01	-0.01	43.6	OVR	13.2	1.2	189	29100	15610	13490	
VMP-42-20	2/20/2012	1403	-0.07	-0.20	36.3	OVR	13.6	0.9	190	27370	12140	15230	
VMP-42-20	2/21/2012	816	-0.37	-0.42	1.3	27	13.9	1.4	76.6	3040	2030	1010	
VMP-42-20	2/22/2012	900	0.00	-0.02	12.0	OVR	14.0	1.1	169	14000	5170	8830	
VMP-42-20	2/29/2012	945	-0.26	0.11	1.2	23	14.1	1.1	79.2	3100	1360	1740	
VMP-42-20	3/21/2012	1444	-0.12	0.00	0.2	5	14.2	0.8	11.5	1100	950	150	
VMP-42-20	4/18/2012	1018	-0.19	-0.10	0.0	0	9.4	9.8	0.3	2.2	0.0	2.2	
VMP-42-20	5/16/2012	937	-0.35	-0.37	0.0	0	7.5	13.5	0.4	1.0	0.0	1.0	
VMP-42-20	6/20/2012	1410	-0.09	-0.06	0.0	0	7.1	13.4	1.0	1.9	0.0	1.9	
VMP-42-20	7/18/2012	1515	-0.01	0.00	0.0	0	6.5	14.0	0.5	1.4	0.0	1.4	
VMP-42-20	8/15/2012	1444	-0.03	-0.06	0.0	0	6.7	15.3	1.0	2.8	0.0	2.8	
VMP-42-20	9/19/2012	943	-0.34	-0.31	0.0	0	5.2	16.6	0.7	0.9	0.0	0.9	
VMP-42-20	10/17/2012	828	-0.26	-0.28	0.0	0	4.4	17.4	0.5	0.2	0.0	0.2	
VMP-42-20	11/20/2012	1532	-0.23	-0.28	0.0	0	3.5	18.1	0.3	0.2	0.0	0.2	
VMP-42-20	12/19/2012	1010	-0.27	-0.10	0.0	0	3.3	18.4	0.2	0.9	0.0	0.9	
VMP-42-20	1/16/2013	1315	0.03	-0.24	0.0	0	2.9	18.6	0.2	1.1	0.0	1.1	
VMP-42-20	2/25/2013	1525	0.18	0.03	0.0	0	3.6	18.2	0.2	0.8	0.0	0.8	
VMP-42-20	3/21/2013	1104	-0.35	-0.17	0.0	0	1.4	20.1	0.2	0.3	0.0	0.3	
VMP-42-20	4/24/2013	1020	-0.63	-0.53	0.0	0	1.1	19.7	0.2	0.1	0.0	0.1	
VMP-42-20	5/23/2013	836	-0.56	-0.57	0.0	0	1.3	19.1	0.5	0.2	0.0	0.2	
VMP-42-20	6/26/2013	1139	-0.09	0.04	0.0	0	1.9	18.7	0.3	0.6	0.0	0.6	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-42-20	7/25/2013	0852	-0.51	-0.34	0.0	0	3.0	17.6	0.8	0.1	0.0	0.1	
VMP-42-20	8/28/2013	1237	-0.32	-0.30	0.0	0	3.2	18.4	0.8	0.8	0.0	0.8	
VMP-42-20	9/26/2013	0904	-0.79	-0.67	0.0	0	2.8	19.0	0.5	0.2	0.0	0.2	
VMP-42-20	10/24/2013	0934	-0.89	-0.77	0.0	0	1.9	19.4	0.2	0.4	0.0	0.4	
VMP-42-20	11/20/2013	1532	-0.50	-0.18	0.0	0	1.5	19.9	0.4	0.5	0.0	0.5	
VMP-42-20	12/19/2013	1054	-0.52	-0.31	0.0	0	1.4	20.3	0.3	0.1	0.0	0.1	
VMP-42-20	1/31/2014	1007	-0.71	-0.56	0.0	0	0.9	20.4	0.4	0.5	0.0	0.5	
VMP-42-20	2/25/2014	1442	-0.29	-0.12	0.0	0	0.8	20.8	0.8	1.68	0.0	1.68	
VMP-42-20	3/19/2014	1518	-0.72	-0.72	0.0	0	0.6	20.7	1.0	0.67	0.0	0.67	
VMP-42-20	4/24/2014	0946	-0.50	-0.58	0.0	0	0.5	20.3	1.7	1.29	0.0	1.29	
VMP-42-20	5/22/2014	1338	-0.41	-0.45	0.0	0	1.1	19.8	0.7	0.39	0.0	0.39	
VMP-42-20	6/18/2014	1007	-0.43	-0.35	0.0	0	1.7	19.0	1.0	0.62	0.0	0.62	
VMP-42-20	7/24/2014	1038	-0.39	-0.23	0.0	0	3.1	18.2	2.3	1.82	0.0	1.82	
VMP-42-20	8/21/2014	1040	-0.40	-0.25	0.0	0	3.2	18.0	1.8	0.69	0.0	0.69	
VMP-42-20	9/18/2014	1040	-0.46	-0.39	0.0	0	3.4	18.3	1.3	0.76	0.0	0.76	
VMP-42-20	10/23/2014	1352	-0.16	-0.15	0.0	0	2.6	19.3	0.8	0.95	0.0	0.95	
VMP-42-20	11/20/2014	1000	-0.42	-0.26	0.0	0	2.2	19.5	0.9	0.19	0.0	0.19	
VMP-42-20	12/18/2014	1506	-0.31	-0.38	0.0	0	1.4	20.1	1.7	0.47	0.0	0.47	
VMP-42-20	1/29/2015	0930	-1.03	-0.66	0.0	0	1.0	20.3	0.4	0.3	0.0	0.3	
VMP-42-20-Dup	1/29/2015	0934	NM	NM	0.0	0	1.0	20.4	0.5	0.3	0.0	0.3	Duplicate sample.
VMP-42-20	2/26/2015	1127	-0.45	-0.49	0.0	0	0.8	20.4	0.5	0.1	0.0	0.1	
VMP-42-20	3/27/2015	1102	-0.72	-0.46	0.0	0	0.7	20.4	0.8	0.8	0.0	0.8	
VMP-42-20	4/23/2015	1140	0.00	-0.27	0.0	0	0.6	19.3	0.8	2.0	0.0	2.0	
VMP-42-20-Dup	4/23/2015	1140	NM	NM	0.0	0	0.6	19.6	0.8	1.8	0.0	1.8	Duplicate sample.
VMP-42-20	5/21/2015	1334	-0.66	-0.68	0.0	0	1.2	19.0	0.7	1.6	0.0	1.6	
VMP-42-20	6/18/2015	0914	-0.57	-0.46	0.0	0	2.1	18.9	0.4	0.3	0.0	0.3	
VMP-42-20	7/23/2015	1125	-0.46	-0.47	0.0	0	3.1	18.0	0.6	0.0	0.0	0.0	
VMP-42-20	8/20/2015	1400	-0.39	-0.44	0.0	0	3.3	18.4	0.3	0.0	0.0	0.0	
VMP-42-20	9/17/2015	1334	-0.28	-0.18	0.0	0	2.9	18.8	0.7	0.0	0.0	0.0	
VMP-42-20	10/22/2015	1455	-0.14	-0.21	0.0	0	2.3	19.5	0.4	0	0.0	0.0	
VMP-42-20	11/24/2015	1440	-0.34	-0.41	0.0	0	1.6	19.7	0.6	0	0.0	0.0	
VMP-42-20	12/17/2015	1350	0.00	-0.10	0.0	0	1.3	20.0	0.1	0	0.0	0.0	
VMP-42-20	1/21/2016	1345	-0.13	-0.23	0.0	0	0.9	20.3	0.2	0.0	0.0	0.0	
VMP-42-20	2/18/2016	1632	-0.13	-0.11	0.0	0	0.8	20.2	0.2	0.0	0.0	0.0	
VMP-42-20	3/23/2016	1415	-0.26	-0.27	0.0	0	0.6	20.2	0.3	0.0	0.0	0.0	
VMP-42-20	4/20/2016	1100	-0.23	-0.07	0.0	0	0.6	20.1	0.0	0.0	0.0	0.0	
VMP-42-20	5/19/2016	1350	-0.55	-0.59	0.0	0	1.2	19.5	0.4	0.0	0.0	0.0	
VMP-42-20	6/22/2016	1125	-0.19	-0.24	0.0	0	1.3	19.4	0.8	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-42-20	7/21/2016	1601	-0.15	-0.17	0.0	0	1.9	19.8	0.0	0.0	0.0	0.0	
VMP-42-20	8/25/2016	1317	-0.30	-0.37	0.0	0	2.9	18.1	0.1	0.0	0.0	0.0	
VMP-42-20	9/22/2016	1307	-0.11	-0.24	0.0	0	2.7	18.5	0.0	0.0	0.0	0.0	
VMP-42-20	10/21/2016	1416	-0.21	0.00	0.0	0	2.8	18.5	0.0	0.0	0.0	0.0	
VMP-42-20	11/17/2016	1331	0.00	0.00	0.0	0	2.2	19.0	0.3	0.0	0.0	0.0	
VMP-42-20	12/22/2016	1112	-0.28	-0.24	0.0	0	2.2	19.3	0.2	0.0	0.0	0.0	
VMP-42-30	2/16/2012	818	-0.66	-1.20	OVR	OVR	11.6	1.9	161	63100	43060	20040	
VMP-42-30	2/17/2012	1426	0.15	NM	NM	NM	NM	NM	NM	NM	NM	NM	Pullback during purge.
VMP-42-30	2/20/2012	1404	-0.23	-0.39	OVR	OVR	11.6	1.2	183	71800	36860	34940	
VMP-42-30	2/21/2012	817	-0.68	-0.73	OVR	OVR	11.7	1.7	188	96700	42600	54100	
VMP-42-30	2/22/2012	900	-0.02	0.05	OVR	OVR	11.9	1.9	161	88630	32020	56610	
VMP-42-30	2/29/2012	946	-0.28	-0.23	OVR	OVR	12.3	1.4	203	54000	18440	35560	
VMP-42-30	3/21/2012	1445	0.09	0.07	48.0	OVR	12.5	0.9	197	25900	10300	15600	
VMP-42-30	4/18/2012	1019	-0.25	-0.12	9.7	OVR	10.9	1.0	129	8500	4260	4240	
VMP-42-30	5/16/2012	943	-0.58	-0.30	2.6	46	10.1	1.4	88.5	2000	1300	700	
VMP-42-30	6/20/2012	1415	-0.09	-0.02	0.7	13	10.0	0.1	49.5	1000	0.0	1000	
VMP-42-30	7/18/2012	1516	-0.02	0.00	0.1	3	9.1	1.2	33.0	413	255	158	
VMP-42-30	8/15/2012	1448	-0.03	-0.07	0.0	0	10.4	1.5	11.9	165	145	20.0	
VMP-42-30	9/19/2012	944	-0.62	-0.56	0.0	0	10.1	8.6	3.0	4.7	0.0	4.7	
VMP-42-30	10/17/2012	829	-0.41	-0.42	0.0	0	9.5	11.0	2.1	14.5	14.3	0.2	
VMP-42-30	11/20/2012	1534	-0.46	-0.52	0.0	0	7.3	14.0	0.7	6.0	4.3	1.8	
VMP-42-30	12/19/2012	1015	-0.54	-0.14	0.0	0	7.7	13.9	0.4	3.7	0.0	3.7	
VMP-42-30	1/16/2013	1515	-0.01	-0.39	0.0	0	6.8	14.7	0.4	3.7	0.0	3.7	
VMP-42-30	2/25/2013	1530	0.43	0.30	0.0	0	6.1	15.7	0.4	1.2	0.0	1.2	
VMP-42-30	3/21/2013	1108	-0.70	-0.26	0.0	0	4.3	18.0	0.3	0.5	0.0	0.5	
VMP-42-30	4/24/2013	1025	-1.23	-1.00	0.0	0	2.6	19.1	0.3	0.2	0.0	0.2	
VMP-42-30	5/23/2013	837	-1.10	-1.15	0.0	0	3.0	18.3	0.5	0.3	0.0	0.3	
VMP-42-30	6/26/2013	1143	-0.06	0.18	0.0	0	3.0	17.8	0.3	0.9	0.0	0.9	
VMP-42-30	7/25/2013	0857	-0.82	-0.64	0.0	0	3.5	16.8	0.7	0.4	0.0	0.4	
VMP-42-30	8/28/2013	1239	-0.56	-0.53	0.0	0	3.8	17.3	0.9	0.6	0.0	0.6	
VMP-42-30	9/26/2013	0906	-1.43	-1.18	0.0	0	3.7	18.0	0.4	0.4	0.0	0.4	
VMP-42-30	10/24/2013	0938	-1.68	-1.45	0.0	0	2.9	18.6	0.3	0.6	0.0	0.6	
VMP-42-30	11/20/2013	1536	-1.01	-0.50	0.0	0	2.5	19.5	0.4	0.8	0.0	0.8	
VMP-42-30	12/19/2013	1058	-1.02	-0.54	0.0	0	2.5	19.5	0.3	0.4	0.0	0.4	
VMP-42-30	1/31/2014	1009	-1.28	-0.81	0.0	0	2.3	19.7	0.4	0.37	0.0	0.37	
VMP-42-30	2/25/2014	1449	-0.41	-0.35	0.0	0	2.2	20.3	0.9	1.81	0.0	1.81	
VMP-42-30	3/19/2014	1519	-1.51	-1.51	0.0	0	1.6	20.3	1.0	1.38	0.0	1.38	
VMP-42-30	4/24/2014	0950	-0.87	-1.01	0.0	0	1.0	20.3	0.8	1.21	0.0	1.21	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-42-30	5/22/2014	1341	-0.90	-0.92	0.0	0	1.0	20.1	0.7	0.39	0.0	0.39	
VMP-42-30	6/18/2014	1008	-0.95	-0.70	0.0	0	1.1	19.4	0.8	0.72	0.0	0.72	
VMP-42-30	7/24/2014	1043	-0.93	-0.67	0.0	0	2.0	18.7	3.1	2.36	0.0	2.36	
VMP-42-30	8/21/2014	1041	-0.95	-0.62	0.0	0	2.1	18.5	1.9	0.48	0.0	0.48	
VMP-42-30	9/18/2014	1041	-1.08	-0.93	0.0	0	2.7	18.7	2.3	1.59	0.0	1.59	
VMP-42-30	10/23/2014	1353	-0.46	-0.42	0.0	0	2.8	19.3	1.0	0.79	0.0	0.79	
VMP-42-30	11/20/2014	1000	-1.09	-0.75	0.0	0	2.2	19.6	0.8	0.35	0.0	0.35	
VMP-42-30-Dup	11/20/2014	1005	NM	NM	0.0	0	2.2	19.5	1.0	0.37	0.0	0.37	Duplicate sample.
VMP-42-30	12/18/2014	1511	-0.81	-0.89	0.0	0	1.6	20.2	1.2	0.24	0.0	0.24	
VMP-42-30	1/29/2015	0939	-1.85	-1.52	0.0	0	1.0	20.3	0.3	0.2	0.0	0.2	
VMP-42-30	2/26/2015	1133	-1.15	-1.18	0.0	0	1.0	20.3	0.6	0.2	0.0	0.2	
VMP-42-30	3/27/2015	1102	-1.22	-1.13	0.0	0	0.9	20.4	0.8	0.4	0.0	0.4	
VMP-42-30	4/23/2015	1141	-1.00	-0.67	0.0	0	0.7	20.0	0.7	1.0	0.0	1.0	
VMP-42-30	5/21/2015	1338	-1.32	-1.26	0.0	0	0.6	19.8	0.8	1.8	0.0	1.8	
VMP-42-30	6/18/2015	0918	-1.24	-1.08	0.0	0	1.2	19.5	0.3	0.5	0.0	0.5	
VMP-42-30	7/23/2015	1130	-1.06	-1.10	0.0	0	1.8	18.8	0.3	0.0	0.0	0.0	
VMP-42-30	8/20/2015	1405	-0.93	-0.96	0.0	0	2.1	19.3	0.2	0.0	0.0	0.0	
VMP-42-30	9/17/2015	1339	-0.66	-0.45	0.0	0	2.3	19.3	0.5	0.0	0.0	0.0	
VMP-42-30	10/22/2015	1500	-0.46	-0.56	0.0	0	2.0	19.6	0.4	0.0	0.0	0.0	
VMP-42-30	11/24/2015	1445	-0.75	-0.88	0.0	0	1.5	20.0	0.6	0	0.0	0.0	
VMP-42-30	12/17/2015	1351	-0.15	-0.20	0.0	0	1.3	20.2	0.1	0	0.0	0.0	
VMP-42-30	1/21/2016	1350	-0.28	-0.46	0.0	0	0.1	20.3	0.4	0.0	0.0	0.0	
VMP-42-30	2/18/2016	1636	-0.33	-0.33	0.0	0	0.7	20.1	0.2	0.0	0.0	0.0	
VMP-42-30	3/23/2016	1420	-0.64	-0.66	0.0	0	0.7	20.3	0.3	0.0	0.0	0.0	
VMP-42-30-Dup	3/23/2016	1420	NM	NM	0.0	0	0.7	20.3	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-42-30	4/20/2016	1105	-0.57	-0.26	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-42-30-Dup	4/20/2016	1105	NM	NM	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-42-30	5/19/2016	1355	-1.20	-1.25	0.0	0	0.6	20.2	0.6	0.0	0.0	0.0	
VMP-42-30	6/22/2016	1135	-0.58	-0.62	0.0	0	0.8	19.8	0.7	0.0	0.0	0.0	
VMP-42-30	7/21/2016	1604	-0.23	-0.29	0.0	0	1.2	19.4	0.0	0.0	0.0	0.0	
VMP-42-30	8/25/2016	1318	-0.78	-0.83	0.0	0	2.0	18.8	0.1	0.0	0.0	0.0	
VMP-42-30	9/22/2016	1310	-0.63	-0.59	0.0	0	2.2	18.9	0.0	0.0	0.0	0.0	
VMP-42-30-Dup	9/22/2016	1310	NM	NM	0.0	0	2.2	19.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-42-30	10/21/2016	1417	-0.26	0.00	0.0	0	2.5	18.6	0.2	0.0	0.0	0.0	
VMP-42-30	11/17/2016	1332	0.00	0.00	0.0	0	2.4	18.9	0.2	0.0	0.0	0.0	
VMP-42-30	12/22/2016	1114	-0.78	-0.68	0.0	0	2.5	19.0	0.1	0.0	0.0	0.0	
VMP-43-10	2/1/2012	1430	-0.95	-0.94	0.0	0	0.4	20.5	0.2	1.2	0.0	1.2	
VMP-43-10	2/2/2012	851	1.24	-1.05	0.0	0	0.4	20.4	1.0	3.1	0.0	3.1	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-43-10	2/7/2012	901	-1.00	-0.89	0.0	0	0.5	20.4	0.2	0.0	0.0	0.0	
VMP-43-10	2/10/2012	856	-0.24	-0.98	0.0	0	0.2	20.7	1.4	8.1	6.5	1.6	
VMP-43-10	2/13/2012	811	-0.92	-0.92	0.0	0	0.3	20.7	0.7	1.0	0.0	1.0	
VMP-43-10	2/16/2012	754	-1.62	-1.75	0.0	0	0.4	20.6	0.9	4.5	0.0	4.5	
VMP-43-10	2/17/2012	847	-1.02	-0.81	0.0	0	0.4	20.9	3.0	2.9	0.0	2.9	
VMP-43-10	2/22/2012	1032	-0.02	-0.66	0.0	0	0.4	20.9	0.6	2.5	0.0	2.5	
VMP-43-10	2/29/2012	1046	0.00	-0.68	0.0	0	0.5	20.4	0.8	2.8	0.0	2.8	
VMP-43-10	3/21/2012	1500	-0.35	-0.33	0.0	0	0.9	19.0	0.8	0.0	0.0	0.0	
VMP-43-10	4/18/2012	1101	-0.99	-0.89	0.0	0	0.7	19.5	0.6	2.9	0.0	2.9	
VMP-43-10	5/16/2012	1029	-1.09	-1.03	0.0	0	1.2	19.6	0.2	3.8	0.0	3.8	
VMP-43-10	6/20/2012	1435	-0.30	-0.30	0.0	0	1.6	19.2	0.6	4.0	0.0	4.0	
VMP-43-10	7/18/2012	1502	-0.22	-0.18	0.0	0	0.7	19.8	0.8	5.5	3.8	1.6	
VMP-43-10	8/15/2012	1530	-0.85	-0.92	0.0	0	0.7	20.1	1.0	4.3	0.0	4.3	
VMP-43-10	9/19/2012	1137	-1.56	-1.56	0.0	0	0.0	20.9	1.3	3.5	0.0	3.5	
VMP-43-10	10/17/2012	853	-0.14	-0.67	0.0	0	0.5	19.9	0.4	1.5	0.0	1.5	
VMP-43-10	11/20/2012	1315	-0.50	-0.55	0.0	0	0.3	20.6	0.3	1.3	0.0	1.3	
VMP-43-10	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Construction equipment parked on well. Could not access.
VMP-43-10	1/16/2013	1620	-0.72	-0.52	0.0	0	0.5	20.4	0.1	2.0	0.0	2.0	
VMP-43-10	2/25/2013	1435	-0.66	-0.63	0.0	0	0.1	20.8	0.3	1.2	0.0	1.2	
VMP-43-10	3/21/2013	925	-2.12	-2.60	0.0	0	0.1	20.9	0.3	1.4	0.0	1.4	
VMP-43-10	4/24/2013	1345	-2.53	-2.08	0.0	0	0.3	20.7	0.4	0.7	0.0	0.7	
VMP-43-10	5/23/2013	1407	-1.75	-2.36	0.0	0	0.7	20.2	0.3	0.7	0.0	0.7	
VMP-43-10	6/26/2013	1443	-0.90	-0.19	0.0	0	0.6	19.9	0.5	3.1	0.0	3.1	
VMP-43-10	7/25/2013	1030	-1.74	-2.55	0.0	0	0.8	19.9	0.7	2.0	0.0	2.0	
VMP-43-10	8/29/2013	0817	-2.05	NM	0.0	0	0.3	20.6	0.3	0.4	0.0	0.4	
VMP-43-10	9/26/2013	0918	-2.25	-2.14	0.0	0	0.2	20.7	0.4	1.8	0.0	1.8	
VMP-43-10	10/24/2013	1030	-2.10	-2.08	0.0	0	0.1	20.5	0.3	1.8	0.0	1.8	
VMP-43-10	11/20/2013	1517	-2.46	-0.84	0.0	0	0.1	20.8	0.3	2.1	0.0	2.1	
VMP-43-10	12/19/2013	1340	-0.89	-0.96	0.0	0	0.1	20.9	0.1	1.7	0.0	1.7	
VMP-43-10	1/31/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Pullback during purge. Could not sample.
VMP-43-10	2/25/2014	1514	-1.82	-0.49	0.0	0	0.1	20.9	0.3	1.75	0.0	1.75	
VMP-43-10	3/19/2014	1439	-1.40	-1.38	0.0	0	0.1	20.7	1.2	2.85	0.0	2.85	
VMP-43-10	4/24/2014	1010	-2.43	-2.36	0.0	0	0.2	20.9	0.4	1.97	0.0	1.97	
VMP-43-10	5/22/2014	1530	-2.56	-2.46	0.0	0	0.3	20.7	0.6	1.61	0.0	1.61	
VMP-43-10	6/19/2014	1036	-2.64	-2.15	0.0	0	0.2	20.9	1.8	1.86	0.0	1.86	
VMP-43-10	7/24/2014	1146	-2.05	-1.90	0.0	0	0.2	20.8	1.0	2.05	0.0	2.05	
VMP-43-10	8/21/2014	1203	-2.65	-2.60	0.0	0	0.0	20.9	1.7	1.49	0.0	1.49	
VMP-43-10	9/18/2014	1343	-2.10	-2.04	0.0	0	0.0	20.9	0.7	1.88	0.0	1.88	Port damaged. Replaced swagelok fittings at wellhead.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-43-10	10/22/2014	1039	-3.19	-2.60	0.0	0	0.1	20.8	0.8	0.61	0.0	0.61	
VMP-43-10-Dup	10/22/2014	1044	NM	NM	0.0	0	0.1	20.9	0.7	0.78	0.0	0.78	Duplicate sample.
VMP-43-10	11/20/2014	1042	-3.30	-3.23	0.0	0	0.1	20.9	0.7	1.23	0.0	1.23	
VMP-43-10	12/18/2014	1430	-3.67	-3.76	0.0	0	0.1	20.9	1.1	1.83	0.0	1.83	
VMP-43-10	1/29/2015	1040	-3.82	-3.72	0.0	0	0.1	20.8	0.6	1.2	0.0	1.2	
VMP-43-10	2/26/2015	1313	-3.67	-3.78	0.0	0	0.1	20.9	0.0	2.6	0.0	2.6	
VMP-43-10	3/26/2015	1430	-0.64	-3.82	0.0	0	0.1	20.9	0.7	1.3	0.0	1.3	
VMP-43-10	4/23/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-43-10	5/21/2015	1430	-4.41	-4.38	0.0	0	0.5	20.2	0.8	2.9	0.0	2.9	
VMP-43-10	6/18/2015	1410	-5.61	-5.50	0.0	0	0.6	20.0	0.5	2.2	0.0	2.2	
VMP-43-10	7/23/2015	1421	-4.57	-4.59	0.0	0	0.5	20.5	0.6	2.0	0.0	2.0	
VMP-43-10	8/20/2015	1450	-5.07	-5.07	0.0	0	0.1	20.7	0.1	0.0	0.0	0.0	
VMP-43-10	9/17/2015	1430	-4.43	-4.43	0.0	0	0.2	20.8	0.0	0.0	0.0	0.0	
VMP-43-10	10/22/2015	1425	-4.46	-4.72	0.0	0	0.1	20.8	0.6	0.0	0.0	0.0	
VMP-43-10	11/24/2015	1318	-6.02	-6.06	0.0	0	0.0	20.9	0.1	0	0.0	0.0	
VMP-43-10	12/17/2015	1401	-0.17	-0.14	0.0	0	0.0	20.9	0.1	0	0.0	0.0	
VMP-43-10	1/22/2016	0935	-3.39	-2.55	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-10	2/18/2016	1525	-5.12	-5.19	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-43-10	3/23/2016	1430	-5.30	-5.28	0.0	0	0.0	20.9	0.3	0.5	0.0	0.5	
VMP-43-10	4/20/2016	1500	0.00	0.00	0.0	0	0.2	20.6	0.2	0.0	0.0	0.0	
VMP-43-10	5/19/2016	1445	-6.27	-6.60	0.0	0	0.2	20.6	0.3	0.0	0.0	0.0	
VMP-43-10	6/10/2016	1152	-2.80	NM	0.0	0	0.3	20.5	0.3	0.0	0.0	0.0	
VMP-43-10	6/22/2016	1425	-2.40	-2.47	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	
VMP-43-10	7/22/2016	0920	-2.42	-2.03	0.0	0	0.5	20.2	0.7	0.0	0.0	0.0	
VMP-43-10	8/25/2016	1415	-4.81	-4.84	0.0	0	0.3	20.5	0.2	0.1	0.0	0.0	
VMP-43-10	9/22/2016	1336	-3.01	-3.13	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-43-10	10/21/2016	1338	-4.00	-3.96	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-43-10	11/17/2016	1015	-2.24	-2.14	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-43-10	12/5/2016	1030	0.19	NM	0.0	0	0.4	20.4	0.1	0.0	0.0	0.0	
VMP-43-10	12/22/2016	1353	-2.81	-2.98	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-43-20	2/1/2012	1438	-1.28	-1.06	OVR	OVR	10.3	1.6	161	442000	115000	327000	
VMP-43-20	2/2/2012	859	-1.64	-1.35	OVR	OVR	10.0	1.1	115	1000000	385000	615000	
VMP-43-20	2/7/2012	902	-1.30	-1.18	OVR	OVR	9.2	2.0	96.4	1000000	739000	261000	
VMP-43-20	2/10/2012	857	-0.33	-3.32	OVR	OVR	6.3	6.0	87.6	659000	469000	190000	
VMP-43-20	2/13/2012	812	-1.33	-1.28	0.3	6	5.1	15.2	29.6	1513	78.3	1435	
VMP-43-20	2/16/2012	755	-2.25	-4.57	0.0	1	5.0	16.1	18.2	392	259	133	
VMP-43-20	2/17/2012	848	-6.27	-1.27	0.1	3	4.8	16.3	22.5	305	176	129	
VMP-43-20	2/22/2012	1033	-0.66	-0.87	0.1	2	4.5	16.7	22.9	368	191	178	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-43-20	2/29/2012	1048	-0.07	-0.93	0.5	11	4.9	15.5	77.3	1375	547	828	
VMP-43-20	3/21/2012	1501	-0.35	-0.30	0.1	2	5.1	14.4	19.8	315	29.2	286	
VMP-43-20	4/18/2012	1102	-1.05	-0.90	0.0	0	3.8	16.0	10.9	127	54.0	73.0	
VMP-43-20	5/16/2012	1033	-1.33	-1.28	0.0	0	3.2	17.0	14.6	115	53.5	61.5	
VMP-43-20	6/20/2012	1440	-0.43	-0.43	0.0	0	3.5	16.6	8.8	36.4	13.5	22.9	
VMP-43-20	7/18/2012	1503	-0.20	-0.19	0.0	0	2.8	17.5	5.1	35.4	17.8	17.7	
VMP-43-20	8/15/2012	1535	-0.82	-1.01	0.0	0	3.0	18.3	3.0	24.5	13.7	10.8	
VMP-43-20	9/19/2012	1138	-1.78	-1.70	0.0	0	2.5	18.3	3.5	26.5	20.2	6.3	
VMP-43-20	10/17/2012	853	-1.03	-0.33	0.0	0	2.3	18.5	0.9	7.6	5.2	2.4	
VMP-43-20	11/20/2012	1319	-0.77	-0.84	0.0	0	2.3	18.3	1.0	11.7	8.3	3.4	
VMP-43-20	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Construction equipment parked on well. Could not access.
VMP-43-20	1/16/2013	1625	-0.74	-0.71	0.0	0	3.0	17.6	0.4	19.9	15.1	4.8	
VMP-43-20	2/25/2013	1440	-0.55	-0.51	0.0	0	2.5	18.2	0.6	16.4	14.5	1.9	
VMP-43-20	3/21/2013	929	-2.29	-2.07	0.0	0	1.7	19.4	0.4	12.0	10.9	1.1	
VMP-43-20	4/24/2013	1350	-2.45	-3.08	0.0	0	1.4	19.4	0.6	9.1	8.1	1.1	
VMP-43-20	5/23/2013	1408	-2.01	-2.86	0.0	0	2.4	18.5	0.6	10.3	9.1	1.2	
VMP-43-20	6/26/2013	1447	-1.28	-1.55	0.0	0	2.7	17.2	0.7	11.9	11.1	0.8	
VMP-43-20	7/25/2013	1035	-2.06	-1.97	0.0	0	2.6	17.8	0.8	6.3	4.8	1.5	
VMP-43-20	8/29/2013	0822	-2.65	NM	0.0	0	1.6	19.4	0.4	1.1	0.0	1.1	
VMP-43-20	9/26/2013	0920	-5.44	-5.24	0.0	0	0.7	20.1	0.5	1.7	0.0	1.7	
VMP-43-20	10/24/2013	1034	-4.82	-4.72	0.0	0	0.0	20.7	0.3	2.4	0.0	2.4	
VMP-43-20	11/20/2013	1522	-3.99	-1.22	0.0	0	0.2	20.8	0.3	1.6	0.0	1.6	
VMP-43-20	12/19/2013	1344	-1.35	-1.43	0.0	0	0.3	20.7	0.3	0.9	0.0	0.9	
VMP-43-20	1/31/2014	0855	-3.38	-3.51	0.0	0	0.2	20.9	0.3	1.16	0.0	1.16	
VMP-43-20	2/25/2014	1519	-0.19	-0.71	0.0	0	0.1	20.9	0.4	2.25	0.0	2.25	
VMP-43-20	3/19/2014	1444	-2.62	-2.72	0.0	0	0.1	20.7	1.2	2.55	0.0	2.55	
VMP-43-20	4/24/2014	1633	-2.45	-2.05	0.0	0	0.0	20.9	0.7	1.92	0.0	1.92	
VMP-43-20	5/22/2014	1536	-0.08	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge. Could not sample.
VMP-43-20	6/19/2014	1039	-2.59	-1.10	0.0	0	0.6	20.5	2.3	1.39	0.0	1.39	
VMP-43-20	7/24/2014	1151	-0.14	-0.15	0.0	0	0.0	20.9	0.9	1.82	0.0	1.82	
VMP-43-20	8/21/2014	1203	-4.39	-4.36	0.0	0	0.5	20.5	2.2	2.23	0.0	2.23	
VMP-43-20	9/18/2014	1150	-1.95	-3.76	0.0	0	0.7	19.9	1.2	0.75	0.0	0.75	
VMP-43-20	10/22/2014	1039	-4.89	-4.71	0.0	0	0.3	20.7	1.1	0.39	0.0	0.39	
VMP-43-20	11/20/2014	1044	-5.80	-5.69	0.0	0	0.4	20.6	1.0	0.62	0.0	0.62	
VMP-43-20	12/18/2014	1433	-5.93	-6.08	0.0	0	0.3	20.7	1.6	1.67	0.0	1.67	
VMP-43-20	1/29/2015	1045	-6.56	-6.40	0.0	0	0.1	20.8	0.4	1.0	0.0	1.0	
VMP-43-20-Dup	1/29/2015	1050	NM	NM	0.0	0	0.2	20.8	0.7	0.7	0.0	0.7	Duplicate sample.
VMP-43-20	2/26/2015	1318	-6.06	-6.32	0.0	0	0.2	20.8	0.9	0.4	0.0	0.4	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-43-20	3/26/2015	1434	-6.06	-6.14	0.0	0	0.2	20.9	1.3	1.1	0.0	1.1	
VMP-43-20	4/23/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-43-20	5/21/2015	1435	-6.44	-6.40	0.0	0	0.2	20.6	0.9	3.8	0.0	3.8	
VMP-43-20	6/18/2015	1415	-7.33	-7.26	0.0	0	0.6	20.1	0.5	1.8	0.0	1.8	
VMP-43-20	7/23/2015	1425	-6.93	-6.93	0.0	0	0.8	20.4	0.5	1.3	0.0	1.3	
VMP-43-20-Dup	7/23/2015	1425	NM	NM	0.0	0	1.0	20.2	0.4	0.8	0.0	0.8	Duplicate Sample.
VMP-43-20	8/20/2015	1455	-7.42	-7.40	0.0	0	1.0	20.2	0.2	0.0	0.0	0.0	
VMP-43-20	9/17/2015	1435	-7.47	-7.51	0.0	0	0.7	20.4	0.0	0	0.0	0.0	
VMP-43-20	10/22/2015	1430	-7.30	-7.29	0.0	0	0.2	20.8	0.4	0.4	0.0	0.4	
VMP-43-20-Dup	10/22/2015	1430	NM	NM	0.0	0	0.3	20.7	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-43-20	11/24/2015	1323	-8.64	-8.69	0.0	0	0.3	20.7	0.2	0	0.0	0.0	
VMP-43-20	12/17/2015	1402	-0.21	-0.19	0.0	0	0.3	20.8	0.0	0	0.0	0.0	
VMP-43-20	1/22/2016	0940	-5.07	-3.80	0.0	0	0.2	20.4	0.0	0.5	0.0	0.5	
VMP-43-20	2/18/2016	1530	-8.17	-8.26	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-43-20	3/23/2016	1435	-8.42	-8.33	0.0	0	0.1	20.9	0.4	0.0	0.0	0.0	
VMP-43-20	4/20/2016	1505	0.00	0.06	0.0	0	0.3	20.6	0.4	0.0	0.0	0.0	
VMP-43-20	5/19/2016	1450	-9.38	-9.41	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	
VMP-43-20	6/10/2016	1157	-4.30	NM	0.0	0	0.4	20.5	1.2	0.0	0.0	0.0	
VMP-43-20	6/22/2016	1430	-3.76	-3.88	0.0	0	0.3	20.6	0.4	0.0	0.0	0.0	
VMP-43-20	7/22/2016	0921	-3.08	-2.65	0.0	0	0.6	20.2	0.2	0.0	0.0	0.0	
VMP-43-20	8/25/2016	1416	-7.49	-7.52	0.0	0	0.4	20.4	0.3	0.0	0.0	0.0	
VMP-43-20	9/22/2016	1337	-3.86	-4.00	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-43-20	10/21/2016	1341	-5.50	-5.49	0.0	0	0.2	20.8	0.1	0.0	0.0	0.0	
VMP-43-20	11/17/2016	1016	-2.83	-2.77	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-43-20	12/5/2016	1031	0.22	NM	0.0	0	0.3	20.1	0.2	0.0	0.0	0.0	
VMP-43-20	12/22/2016	1356	-4.60	-4.82	0.0	0	0.0	20.9	0.7	0.0	0.0	0.0	
VMP-43-30	2/1/2012	1445	-0.96	-0.73	OVR	OVR	8.5	1.0	98.2	1000000	1000000	0.0	
VMP-43-30	2/2/2012	904	-1.26	-1.08	OVR	OVR	8.3	2.0	88.0	1000000	320000	680000	
VMP-43-30	2/7/2012	903	-1.05	-0.92	OVR	OVR	7.7	6.2	113	850000	272000	578000	
VMP-43-30	2/10/2012	858	-0.27	-1.14	3.3	65	2.8	16.8	43.7	16100	16000	100	
VMP-43-30	2/13/2012	813	-1.09	-1.03	OVR	OVR	9.6	1.3	155	269000	107000	162000	
VMP-43-30	2/16/2012	756	-2.12	-4.20	OVR	OVR	10.7	1.4	234	80600	43130	37470	
VMP-43-30	2/17/2012	849	-13.12	-0.98	38.7	OVR	10.3	1.7	236	25830	21550	4280	
VMP-43-30	2/22/2012	1033	-0.85	-0.64	0.5	11	10.0	5.4	62.8	2330	2100	230	
VMP-43-30	2/29/2012	1047	-0.32	-0.76	0.0	1	8.2	9.1	43.2	922	475	446	
VMP-43-30	3/21/2012	1502	-0.40	-0.45	0.2	4	9.3	7.5	52.4	108	0.0	108	
VMP-43-30	4/18/2012	1103	-1.26	-0.42	0.0	0	4.1	15.3	2.6	24.3	5.1	19.2	
VMP-43-30	5/16/2012	1038	-1.50	-1.46	0.0	0	2.6	17.7	4.0	14.6	5.8	8.8	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-43-30	6/20/2012	1445	-0.44	-0.44	0.0	0	2.7	17.6	3.3	3.0	0.0	3.0	
VMP-43-30	7/18/2012	1504	-0.29	-0.25	0.0	0	2.1	18.3	1.0	10.0	7.6	2.4	
VMP-43-30	8/15/2012	1540	-1.20	-1.28	0.0	0	2.3	18.7	0.7	9.1	7.3	1.8	
VMP-43-30	9/19/2012	1139	-2.26	-2.12	0.0	0	1.5	19.5	0.8	4.8	0.0	4.8	
VMP-43-30	10/17/2012	853	-0.96	-1.01	0.0	0	0.5	19.9	0.3	1.1	0.0	1.1	
VMP-43-30	11/20/2012	1323	-0.77	-0.84	0.0	0	1.9	18.4	0.2	1.2	0.0	1.2	
VMP-43-30	12/19/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Construction equipment parked on well. Could not access.
VMP-43-30	1/16/2013	1630	-0.75	-0.72	0.0	0	2.4	17.8	0.3	7.7	3.6	4.1	
VMP-43-30	2/25/2013	1445	-0.81	-0.84	0.0	0	2.1	18.1	0.3	4.6	0.0	4.6	
VMP-43-30	3/21/2013	933	-2.83	-2.53	0.0	0	2.6	17.9	0.3	9.1	8.2	0.9	
VMP-43-30	4/24/2013	1355	-2.95	-3.08	0.0	0	2.5	17.9	0.4	4.0	0.0	4.0	
VMP-43-30	5/23/2013	1409	-3.15	-3.43	0.0	0	3.0	18.0	0.3	1.7	0.0	1.7	
VMP-43-30	6/26/2013	1451	-1.15	-0.95	0.0	0	2.7	17.3	0.4	2.5	0.0	2.5	
VMP-43-30	7/25/2013	1040	-2.36	-2.58	0.0	0	2.8	18.2	0.7	1.2	0.0	1.2	
VMP-43-30	8/29/2013	0827	-3.43	NM	0.0	0	1.4	19.5	0.4	0.1	0.0	0.1	
VMP-43-30	9/26/2013	0922	-3.83	-3.65	0.0	0	0.7	20.1	0.5	1.2	0.0	1.2	
VMP-43-30	10/24/2013	1038	-3.38	-3.21	0.0	0	0.3	20.4	0.3	1.2	0.0	1.2	
VMP-43-30	11/20/2013	1527	-6.11	-1.12	0.0	0	0.4	20.6	0.3	1.3	0.0	1.3	
VMP-43-30	12/19/2013	1348	-1.43	-1.60	0.0	0	0.8	20.2	0.4	4.1	0.0	4.1	
VMP-43-30	1/31/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Pullback during purge. Could not sample.
VMP-43-30	2/25/2014	1524	-4.34	-0.63	0.0	0	3.1	16.1	1.9	176	168.0	8	
VMP-43-30	3/19/2014	1449	-4.27	-4.34	0.0	0	1.1	19.5	1.2	2.88	0.0	2.88	
VMP-43-30	4/24/2014	1019	-6.32	-6.22	0.0	0	0.6	20.3	1.3	2.85	0.0	2.85	
VMP-43-30	5/22/2014	1534	-6.65	-6.47	0.0	0	0.7	20.2	0.7	2.08	0.0	2.08	
VMP-43-30	6/19/2014	1041	-5.94	-5.90	0.0	0	0.7	20.2	2.5	1.68	0.0	1.68	
VMP-43-30	7/24/2014	1155	-6.34	-6.02	0.0	0	0.8	20.3	2.4	2.86	0.0	2.86	
VMP-43-30	8/21/2014	1204	-6.46	-4.63	0.0	0	0.7	20.2	2.2	1.84	0.0	1.84	
VMP-43-30	9/18/2014	1151	-3.68	-5.27	0.0	0	0.8	19.6	1.0	1.35	0.0	1.35	
VMP-43-30	10/22/2014	1040	-2.80	-2.65	0.0	0	0.3	20.8	2.2	0.68	0.0	0.68	
VMP-43-30	11/20/2014	1045	-2.36	-2.33	0.0	0	0.3	20.6	1.1	1.09	0.0	1.09	
VMP-43-30	12/18/2014	1437	-2.10	-2.18	0.0	0	0.0	20.9	1.3	2.12	0.0	2.12	
VMP-43-30	1/29/2015	1055	-3.06	-2.60	0.0	0	0.3	20.5	0.5	11.7	11.0	0.7	
VMP-43-30	2/26/2015	1323	-1.56	-4.01	0.0	0	0.1	20.9	0.7	2.4	0.0	2.4	
VMP-43-30	3/26/2015	1437	-4.83	-4.56	0.0	0	0.9	19.7	1.2	1.6	0.0	1.6	
VMP-43-30	4/23/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-installation.
VMP-43-30	5/21/2015	1440	-7.87	-7.83	0.0	0	0.4	20.5	0.8	2.6	0.0	2.6	
VMP-43-30	6/18/2015	1421	-8.85	-8.79	0.0	0	0.8	19.8	0.7	1.7	0.0	1.7	
VMP-43-30	7/23/2015	1429	-8.62	-8.61	0.0	0	1.3	19.8	0.8	1.0	0.0	1.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-43-30	8/20/2015	1500	-9.07	-9.07	0.0	0	1.3	19.7	0.1	0.0	0.0	0.0	
VMP-43-30	9/17/2015	1440	-9.37	-9.42	0.0	0	0.6	20.4	0.0	0.0	0.0	0.0	
VMP-43-30	10/22/2015	1435	-9.30	-9.25	0.0	0	0.2	20.7	0.3	0	0.0	0.0	
VMP-43-30	11/24/2015	1328	-10.70	-10.74	0.0	0	0.3	20.7	0.2	0	0.0	0.0	
VMP-43-30	12/17/2015	1403	-0.18	-0.16	0.0	0	0.2	20.2	1.0	14.4	9.6	4.8	
VMP-43-30	1/22/2016	1335	-5.53	-6.26	0.0	0	3.0	16.9	0.0	0.0	0.0	0.0	
VMP-43-30	2/18/2016	1535	-10.22	-10.30	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-43-30	3/23/2016	1440	-11.06	-11.07	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-43-30	4/20/2016	1510	-0.10	0.05	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-43-30	5/19/2016	1455	-12.21	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-43-30	6/10/2016	1200	-4.70	NM	0.0	0	0.7	19.7	10.0	3.4	0.0	3.4	
VMP-43-30	6/22/2016	1435	-4.82	-4.21	0.0	0	0.6	20.3	0.8	0.5	0.0	0.5	
VMP-43-30	7/22/2016	0922	-3.33	-2.78	0.0	0	1.1	19.5	0.4	0.0	0.0	0.0	
VMP-43-30	8/25/2016	1417	-10.12	-10.15	0.0	0	0.6	20.3	0.6	0.0	0.0	0.0	
VMP-43-30	9/22/2016	1338	-4.37	-4.58	0.0	0	0.5	20.4	0.7	0.0	0.0	0.0	
VMP-43-30	10/21/2016	1344	-7.47	-7.46	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-43-30	11/17/2016	1017	-3.18	-3.12	0.0	0	0.2	20.7	0.9	0.0	0.0	0.0	
VMP-43-30	12/5/2016	1032	0.18	NM	0.0	0	0.5	20.1	0.1	0.0	0.0	0.0	
VMP-43-30	12/22/2016	1358	-6.50	-6.68	0.0	0	0.1	20.8	0.7	0.0	0.0	0.0	
VMP-44-10	2/2/2012	1456	-0.02	-0.09	OVR	OVR	10.2	1.0	562	49000	20000	29000	
VMP-44-10	2/3/2012	909	-0.29	0.11	79.7	OVR	9.9	1.0	494	29600	11200	18400	
VMP-44-10	2/7/2012	1109	0.25	-0.05	80.8	OVR	9.6	1.5	528	26600	11000	15600	
VMP-44-10	2/13/2012	1446	-0.24	-0.22	63.5	OVR	9.6	1.3	522	24900	11290	13610	
VMP-44-10	2/14/2012	1622	-0.12	-0.12	30.8	OVR	7.1	6.7	534	14400	3550	10850	
VMP-44-10	2/15/2012	1431	-0.11	-0.36	79.0	OVR	7.5	3.0	715	18100	5450	12650	
VMP-44-10	2/22/2012	911	-0.15	0.00	44.7	OVR	7.9	2.5	674	13100	3740	9360	
VMP-44-10	2/29/2012	1405	0.24	-0.32	76.0	OVR	9.1	1.4	753	17930	2300	15630	
VMP-44-10	3/21/2012	827	-0.42	-0.07	30.6	OVR	8.1	4.7	643	10400	545	9855	
VMP-44-10	4/18/2012	837	-0.11	-0.10	19.1	OVR	8.5	7.3	561	7000	2850	4150	
VMP-44-10	5/16/2012	1325	-0.11	-0.10	12.7	OVR	9.6	7.3	625	4500	159	4341	
VMP-44-10	6/20/2012	1359	-0.02	-0.05	28.0	OVR	14.2	1.9	704	4900	477	4423	
VMP-44-10	7/18/2012	1428	0.00	-0.10	35.7	OVR	16.1	1.7	654	9240	350	8890	
VMP-44-10	8/15/2012	1100	-0.07	-0.05	34.0	OVR	14.9	3.0	488	6600	1080	5520	
VMP-44-10	9/19/2012	1511	-0.07	-0.06	7.1	OVR	8.0	9.8	510	2200	160	2040	
VMP-44-10	10/17/2012	953	-0.13	-0.08	3.8	76	9.6	5.9	435	1540	231	1309	
VMP-44-10	11/20/2012	910	-0.02	-0.04	0.7	16	8.2	7.8	233	653	71.6	581	
VMP-44-10	12/19/2012	838	-0.10	-0.11	0.0	0	1.3	18.7	4.8	28.3	5.5	22.8	
VMP-44-10	1/16/2013	1313	-0.01	0.00	0.2	5	4.3	12.3	110	310	12.7	297	Resampled and confirmed.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-44-10	2/25/2013	1055	-0.01	-0.02	0.2	4	4.2	12.6	35.0	262	13.0	249	
VMP-44-10	3/21/2013	1019	-0.29	-0.72	0.0	0	0.0	20.9	0.4	2.0	0.0	2.0	Result is suspect.
VMP-44-10	4/24/2013	1418	-0.09	-0.10	0.0	0	1.8	18.1	27.5	107	24.9	82.1	
VMP-44-10	5/23/2013	1359	-0.05	-0.06	0.0	0	3.6	17.4	20.0	90.0	28.9	61.1	
VMP-44-10	6/25/2013	1450	0.00	0.00	0.0	0	4.0	16.5	1.1	34.0	32.6	1.4	
VMP-44-10	7/25/2013	1411	0.00	0.00	0.0	0	1.6	19.1	1.6	15.8	12.2	3.6	
VMP-44-10	8/28/2013	1349	0.00	0.00	0.0	0	6.8	12.7	3.0	40.9	36.6	4.3	
VMP-44-10	9/26/2013	1005	0.00	-0.05	0.0	0	7.1	13.2	2.2	17.2	14.1	3.1	
VMP-44-10	10/24/2013	0828	-0.60	-0.04	0.0	0	5.2	14.2	0.7	9.8	8.70	1.1	
VMP-44-10	11/21/2013	1123	-0.04	-0.53	0.0	0	1.6	17.4	0.3	3.7	0.0	3.7	
VMP-44-10	12/19/2013	1233	-0.25	0.00	0.0	0	3.3	15.4	1.2	5.0	3.5	1.5	
VMP-44-10	1/30/2014	1511	-0.21	-0.12	0.0	0	2.7	16.4	0.9	8.98	6.8	2.17	
VMP-44-10	2/19/2014	1326	0.00	0.00	0.0	0	1.3	18.7	1.6	1.99	0.0	1.99	
VMP-44-10	3/20/2014	1048	0.00	0.00	0.0	0	1.8	18.4	3.6	2.98	0.0	2.98	
VMP-44-10	4/24/2014	1038	-0.03	0.00	0.0	0	1.1	19.6	1.2	2.58	0.0	2.58	
VMP-44-10	5/22/2014	1606	-0.03	-0.06	0.0	0	1.5	19.3	3.0	5.14	0.0	5.14	
VMP-44-10	6/19/2014	1409	0.00	-0.07	0.0	0	2.1	18.6	2.5	3.76	0.0	3.76	
VMP-44-10	7/24/2014	1512	0.00	0.00	0.0	0	0.3	20.3	1.0	2.09	0.0	2.09	
VMP-44-10	8/20/2014	1505	-0.11	-0.08	0.0	0	0.9	20.1	2.2	3.01	0.0	3.01	
VMP-44-10	9/18/2014	1255	0.00	0.00	0.0	0	0.5	20.6	0.9	1.97	0.0	1.97	
VMP-44-10	10/22/2014	0931	-0.03	-0.05	0.0	0	0.6	20.6	0.8	0.82	0.0	0.82	
VMP-44-10	11/20/2014	1256	0.00	-0.02	0.0	0	0.6	20.1	0.9	2.92	0.0	2.92	
VMP-44-10	12/18/2014	0934	0.00	0.00	0.0	0	0.3	20.6	1.2	1.34	0.0	1.34	
VMP-44-10	1/29/2015	1418	0.00	0.00	0.0	0	0.3	20.7	2.4	1.7	0.0	1.7	
VMP-44-10	2/26/2015	1333	0.00	0.00	0.0	0	0.4	20.4	0.8	1.5	0.0	1.5	
VMP-44-10	3/26/2015	1445	0.00	0.00	0.0	0	0.4	20.5	0.8	0.7	0.0	0.7	
VMP-44-10	4/23/2015	1445	0.00	0.00	0.0	0	0.5	20.4	1.3	2.5	0.0	2.5	
VMP-44-10	5/21/2015	1100	0.00	0.00	0.0	0	0.9	19.7	0.5	1.5	0.0	1.5	
VMP-44-10	6/17/2015	1440	-0.12	0.00	0.0	0	0.7	19.0	0.4	0.0	0.0	0.0	
VMP-44-10	7/23/2015	1335	0.00	0.00	0.0	0	2.0	18.9	0.6	0.9	0.0	0.9	
VMP-44-10	8/20/2015	1330	0.00	0.00	0.0	0	2.4	18.8	0.2	0.0	0.0	0.0	
VMP-44-10	9/17/2015	1110	0.00	0.0	0.0	0	1.9	18.7	0.5	0.5	0.0	0.0	
VMP-44-10	10/22/2015	1320	0.00	0.00	0.0	0	0.8	19.7	0.3	0	0.0	0.0	
VMP-44-10	11/24/2015	1242	0.00	0.00	0.0	0	0.4	20.6	0.2	0	0.0	0.0	
VMP-44-10	12/18/2015	1000	0.00	0.00	0.0	0	0.3	20.5	0.1	0	0.0	0.0	
VMP-44-10	1/21/2016	1531	0.00	-2.08	0.0	0	0.2	20.5	0.2	2.5	0.0	2.5	
VMP-44-10	2/18/2016	1430	0.00	0.00	0.0	0	0.2	20.5	0.2	0.0	0.0	0.0	
VMP-44-10	3/23/2016	1335	0.00	0.00	0.0	0	0.3	20.5	0.3	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-44-10	4/21/2016	0850	0.00	-0.09	0.0	0	0.7	18.6	0.5	0.0	0.0	0.0	
VMP-44-10	5/18/2016	1515	-0.15	-0.13	0.0	0	0.4	20.6	0.7	0.0	0.0	0.0	
VMP-44-10	6/22/2016	1105	0.00	0.00	0.0	0	0.5	19.8	0.7	0.4	0.0	0.4	
VMP-44-10	7/22/2016	0840	-1.61	0.00	0.0	0	2.0	18.3	0.2	0.0	0.0	0.0	
VMP-44-10	8/25/2016	1045	0.00	0.00	0.0	0	2.2	18.7	0.3	0.0	0.0	0.0	
VMP-44-10	9/22/2016	1034	0.00	0.0	0.0	0	2.1	19.0	0.0	0.0	0.0	0.0	
VMP-44-10	10/21/2016	1154	0.00	0.00	0.0	0	1.6	19.3	0.0	0.0	0.0	0.0	
VMP-44-10	11/17/2016	0855	0.00	0.00	0.0	0	0.8	20.0	0.1	0.0	0.0	0.0	
VMP-44-10	12/22/2016	1138	-0.15	0.00	0.0	0	0.4	20.5	0.4	6.2	6.2	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-44-20	2/2/2012	1501	-0.16	-0.04	OVR	OVR	13.4	0.6	427	32000	18700	13300	
VMP-44-20	2/3/2012	914	-0.11	-0.15	78.7	OVR	13.1	0.9	384	34000	16500	17500	
VMP-44-20	2/7/2012	1110	-0.14	-0.11	61.4	OVR	13.1	1.2	440	20610	9700	10910	
VMP-44-20	2/13/2012	1447	-0.28	-0.29	32.5	OVR	12.7	1.1	443	14140	7670	6470	
VMP-44-20	2/14/2012	1623	-0.16	-0.62	25.2	OVR	11.9	2.0	390	13790	7800	5990	
VMP-44-20	2/15/2012	1432	-0.28	-0.54	36.3	OVR	12.1	1.2	577	13100	5480	7620	
VMP-44-20	2/22/2012	920	-0.26	-0.25	16.2	OVR	11.7	1.2	445	12640	4770	7870	
VMP-44-20	2/29/2012	1409	-0.04	-0.05	19.6	OVR	11.5	0.9	489	11100	3230	7870	
VMP-44-20	3/21/2012	831	-0.07	-0.40	15.2	OVR	11.9	0.0	503	7820	2180	5640	
VMP-44-20	4/18/2012	847	-0.22	-0.07	5.6	OVR	11.4	2.4	342	3040	716	2324	
VMP-44-20	5/16/2012	1330	-0.31	-0.49	5.6	OVR	11.9	3.8	398	2700	110	2590	
VMP-44-20	6/20/2012	1400	-0.05	-0.24	6.6	OVR	14.1	2.2	353	2480	266	2214	
VMP-44-20	7/18/2012	1429	0.00	0.00	8.5	OVR	15.2	3.1	453	1720	218	1502	
VMP-44-20	8/15/2012	1110	-0.32	-0.30	5.3	OVR	17.2	2.8	334	2460	380	2080	
VMP-44-20	9/19/2012	1512	-0.49	-0.49	3.0	61	15.6	4.6	316	1770	184	1586	
VMP-44-20	10/17/2012	955	-0.83	-0.74	1.2	26	13.6	5.1	173	1020	146	874	
VMP-44-20	11/20/2012	912	-0.72	-0.71	0.4	9	12.5	5.6	131	456	71.8	384	
VMP-44-20	12/19/2012	841	-0.58	-0.47	0.2	5	11.7	5.9	80.7	255	57.8	197	
VMP-44-20	1/16/2013	841	-0.48	-0.40	0.0	1	10.5	6.6	47.2	346	126	220	
VMP-44-20	2/25/2013	1055	-0.37	-0.32	0.1	1	8.5	8.5	21.6	325	296	29.5	
VMP-44-20	3/21/2013	1026	-0.85	-0.81	0.0	0	6.2	11.9	24.9	179	122	57.0	
VMP-44-20	4/24/2013	1422	-0.82	-0.78	0.0	0	5.9	12	24.9	81.6	15.5	66.1	
VMP-44-20	5/23/2013	1359	-0.07	-0.07	0.0	0	4.0	14.2	0.6	65.3	45.2	20.1	
VMP-44-20	6/25/2013	1455	0.00	0.00	0.0	0	2.6	14.5	0.6	16.2	16.2	0.0	
VMP-44-20	7/25/2013	1415	-0.56	-0.14	0.0	0	4.1	13.3	0.7	9.4	9.2	0.2	
VMP-44-20	8/28/2013	1351	0.00	0.00	0.0	0	6.8	12.9	4.3	22.6	14.1	8.5	
VMP-44-20	9/26/2013	1007	-0.09	-0.11	0.0	0	5.8	15.6	5.9	25.8	8.9	16.9	
VMP-44-20	10/24/2013	0834	-0.12	-0.11	0.0	0	3.5	17.2	6.3	27.6	7.2	20.4	
VMP-44-20	11/21/2013	1127	-0.30	-0.24	0.0	0	1.2	18.2	2.5	7.99	1.4	6.6	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-44-20	12/19/2013	1237	-0.70	-0.16	0.0	0	2.7	17.4	4.4	15.9	4.4	11.5	
VMP-44-20	1/30/2014	1511	-0.11	-0.13	0.0	0	1.4	19.5	3.5	15.47	14.2	1.27	
VMP-44-20	2/19/2014	1330	-0.15	-0.10	0.0	0	0.9	19.9	1.7	2.88	0.0	2.88	
VMP-44-20	3/20/2014	1049	-0.07	-0.06	0.0	0	0.6	20.4	1.3	1.69	0.0	1.69	
VMP-44-20	4/24/2014	1038	-0.13	-0.09	0.0	0	1.0	19.7	1.1	2.98	0.0	2.98	
VMP-44-20	5/22/2014	1606	-0.08	-0.09	0.0	0	1.5	19.0	2.2	3.98	0.0	3.98	
VMP-44-20	6/19/2014	1412	-0.08	-0.11	0.0	0	2.0	18.4	1.3	2.36	0.0	2.36	
VMP-44-20	7/24/2014	1517	-0.03	0.00	0.0	0	1.0	20.1	1.1	3.26	0.0	3.26	
VMP-44-20	8/20/2014	1510	-0.15	-0.12	0.0	0	2.4	18.6	2.4	2.77	0.0	2.77	
VMP-44-20	9/18/2014	1300	0.00	-0.09	0.0	0	2.5	18.6	1.0	1.73	0.0	1.73	
VMP-44-20	10/22/2014	0932	-0.08	-0.10	0.0	0	0.8	20.5	1.2	0.47	0.0	0.47	
VMP-44-20-Dup	10/22/2014	0937	NM	NM	0.0	0	0.8	20.4	1.2	0.33	0.0	0.33	Duplicate sample.
VMP-44-20	11/20/2014	1256	-0.04	-0.04	0.0	0	0.4	20.4	1.1	3.45	0.0	3.45	
VMP-44-20	12/18/2014	0939	0.00	0.00	0.0	0	0.4	20.6	1.7	0.46	0.0	0.46	
VMP-44-20	1/29/2015	1420	0.00	0.00	0.0	0	0.4	20.7	2.1	0.3	0.0	0.3	
VMP-44-20	2/26/2015	1333	-0.09	0.00	0.0	0	0.4	20.6	0.6	1.6	0.0	1.6	
VMP-44-20	3/26/2015	1445	0.00	0.00	0.0	0	0.4	20.5	0.7	0.5	0.0	0.5	
VMP-44-20	4/23/2015	1450	0.00	0.00	0.0	0	0.3	20.6	1.2	2.5	0.0	2.5	
VMP-44-20	5/21/2015	1105	0.00	0.00	0.0	0	0.8	19.8	0.5	2.1	0.0	2.1	
VMP-44-20	6/17/2015	1444	-0.19	-0.15	0.0	0	1.7	18.9	0.3	0.1	0.0	0.1	
VMP-44-20	7/23/2015	1339	-0.39	0.00	0.0	0	1.8	18.8	0.7	1.9	0.0	1.9	
VMP-44-20	8/20/2015	1335	-0.26	-0.60	0.0	0	2.4	18.7	0.3	0.0	0.0	0.0	
VMP-44-20	9/17/2015	1115	0.00	-0.11	0.0	0	1.7	18.7	0.6	0.7	0.0	0.7	
VMP-44-20	10/22/2015	1325	7.32	0.09	0.0	0	0.5	20.1	0.4	0.0	0.0	0.0	
VMP-44-20-Dup	10/22/2015	1325	NM	NM	0.0	0	0.5	20.0	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-44-20	11/24/2015	1247	-0.19	0.00	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-44-20-Dup	11/24/2015	1248	NM	NM	0.0	0	0.4	20.6	0.2	0	0.0	0.0	Duplicate sample.
VMP-44-20	12/18/2015	1005	-0.16	-1.18	0.0	0	0.3	20.5	0.2	0	0.0	0.0	
VMP-44-20	1/21/2016	1536	0.00	0.00	0.0	0	0.3	20.3	0.1	4.8	0.0	4.8	
VMP-44-20	2/18/2016	1435	0.00	0.00	0.0	0	0.0	20.9	0.3	0.3	0.0	0.3	
VMP-44-20	3/23/2016	1340	-0.12	-0.15	0.0	0	0.3	20.5	0.5	0.0	0.0	0.0	
VMP-44-20	4/21/2016	0855	-0.04	-0.14	0.0	0	0.5	19.0	0.3	0.0	0.0	0.0	
VMP-44-20	5/18/2016	1520	-1.33	-2.13	0.0	0	0.7	20.2	1.1	0.0	0.0	0.0	
VMP-44-20	6/22/2016	1110	-0.23	-0.25	0.0	0	0.4	19.9	0.2	0.5	0.0	0.5	
VMP-44-20	7/22/2016	0841	-2.83	-1.72	0.0	0	2.3	17.9	0.2	0.0	0.0	0.0	
VMP-44-20	8/25/2016	1046	-1.14	-0.10	0.0	0	2.1	18.9	0.5	0.0	0.0	0.0	
VMP-44-20	9/22/2016	1035	0.00	0.0	0.0	0	2.1	19.0	0.3	0.0	0.0	0.0	
VMP-44-20	10/21/2016	1157	-1.36	-0.26	0.0	0	1.9	19.1	0.2	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-44-20	11/17/2016	0856	0.00	0.00	0.0	0	0.9	19.8	0.1	0.0	0.0	0.0	
VMP-44-20	12/22/2016	1141	0.21	0.20	0.0	0	0.4	20.5	0.2	6.6	6.6	0.0	Initial vacuum measured at -0.15 inwc on 12/28/2016.
VMP-44-30	2/2/2012	1505	-0.24	-0.07	OVR	OVR	8.8	3.5	207	195000	72000	123000	
VMP-44-30	2/3/2012	919	-0.26	-0.26	OVR	OVR	9.9	1.0	207	155000	50600	104400	
VMP-44-30	2/7/2012	1111	0.64	-0.23	OVR	OVR	9.9	2.0	233	98700	57000	41700	
VMP-44-30	2/13/2012	1448	-0.51	-0.58	OVR	OVR	10.9	1.5	247	55900	25880	30020	
VMP-44-30	2/14/2012	1624	-1.25	-1.28	77.1	OVR	11.1	1.1	219	39900	31000	8900	
VMP-44-30	2/15/2012	1433	-0.57	-1.09	78.4	OVR	11.3	0.8	315	33680	22690	10990	
VMP-44-30	2/22/2012	925	-0.57	-0.55	14.8	OVR	10.2	4.3	220	18420	9970	8450	
VMP-44-30	2/29/2012	1414	-0.20	0.00	13.2	OVR	11.8	0.9	268	12540	6260	6280	
VMP-44-30	3/21/2012	836	-0.77	-0.73	2.9	59	10.3	1.5	182	5080	2700	2380	
VMP-44-30	4/18/2012	850	-1.13	-1.06	0.4	8	10.1	2.6	70.5	1380	920	460	
VMP-44-30	5/16/2012	1334	-1.00	-0.98	0.1	2	10.5	3.4	42.5	401	220	181	
VMP-44-30	6/20/2012	1359	-0.72	-0.76	0.0	0	10.6	5.1	24.0	207	83.4	124	
VMP-44-30	7/18/2012	1430	0.00	0.00	0.0	0	8.4	9.8	30.4	380	67.7	312	
VMP-44-30	8/15/2012	1105	-0.11	-1.07	0.0	0	7.9	11.8	19.1	586	253	333	
VMP-44-30	9/19/2012	1513	-0.19	-1.23	0.0	0	6.1	14.7	13.4	46.7	15.5	31.2	
VMP-44-30	10/17/2012	958	-1.71	-1.58	0.0	0	5.1	16.5	7.0	35.9	22.3	13.6	
VMP-44-30	11/20/2012	914	-1.42	-1.47	0.0	0	4.5	17.6	9.2	52.6	6.7	45.9	
VMP-44-30	12/19/2012	848	-1.14	-0.99	0.0	0	4.7	16.8	9.7	69.2	30.6	38.6	
VMP-44-30	1/16/2013	846	-0.98	-0.03	0.0	0	1.4	19.9	2.0	20.9	9.0	11.9	
VMP-44-30	2/25/2013	1100	-0.90	-0.37	0.0	0	3.5	17.9	5.9	46.3	17.0	29.3	
VMP-44-30	3/21/2013	1033	-1.91	-1.81	0.0	0	2.7	18.9	2.2	17.2	5.1	12.1	
VMP-44-30	4/24/2013	1426	-2.06	-1.66	0.0	0	0.4	20.6	0.7	3.3	0.0	3.3	
VMP-44-30	5/23/2013	1359	-2.36	-2.48	0.0	0	1.7	19.5	1.9	17.0	2.6	14.4	
VMP-44-30	6/25/2013	1500	-1.43	-1.36	0.0	0	1.9	19.0	0.5	4.5	0.0	4.5	
VMP-44-30	7/25/2013	1409	-1.00	-1.14	0.0	0	1.3	17.7	0.7	2.2	0.0	2.2	
VMP-44-30	8/28/2013	1352	-1.32	-0.75	0.0	0	2.2	18.4	1.1	4.6	0.0	4.6	
VMP-44-30	9/26/2013	1008	-2.40	-2.86	0.0	0	1.6	19.7	0.7	2.4	0.0	2.4	
VMP-44-30	10/24/2013	0837	-3.62	-1.89	0.0	0	0.2	19.7	0.2	1.4	0.0	1.4	
VMP-44-30	11/21/2013	1131	-3.46	NM	0.0	0	0.9	18.9	0.3	0.8	0.0	0.8	Final vacuum not recorded in Toughbook.
VMP-44-30	12/19/2013	1241	-1.09	-1.40	0.0	0	0.8	20.1	0.2	2.3	0.0	2.3	
VMP-44-30	1/30/2014	1511	-2.12	-1.52	0.0	0	0.9	20.4	0.1	8.31	8.0	0.32	
VMP-44-30	2/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Pullback during purge. Could not sample.
VMP-44-30	3/20/2014	1050	-1.65	-1.23	0.0	0	0.7	20.7	1.0	0.78	0.0	0.78	
VMP-44-30	4/24/2014	1039	-2.61	-1.76	0.0	0	0.5	20.5	0.6	1.58	0.0	1.58	
VMP-44-30	5/22/2014	1606	-0.61	-0.22	0.0	0	0.5	20.2	1.3	2.91	0.0	2.91	
VMP-44-30	6/19/2014	1414	-2.45	-1.61	0.0	0	0.3	20.7	1.1	1.33	0.0	1.33	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-44-30	7/24/2014	1522	-0.34	-0.45	0.0	0	0.3	20.3	1.0	1.64	0.0	1.64	
VMP-44-30	8/20/2014	1515	-0.83	-0.49	0.0	0	1.6	19.4	2.2	1.74	0.0	1.74	
VMP-44-30	9/18/2014	1305	-1.34	-0.20	0.0	0	1.3	19.8	1.0	0.85	0.0	0.85	
VMP-44-30-Dup	9/18/2014	1310	NM	NM	0.0	0	1.3	19.9	1.2	1	0.0	1	Duplicate Sample.
VMP-44-30	10/22/2014	0932	-0.32	-0.27	0.0	0	0.4	20.8	1.2	0.82	0.0	0.82	
VMP-44-30	11/20/2014	1257	-0.11	0.00	0.0	0	0.1	20.8	1.1	1.4	0.0	1.4	
VMP-44-30	12/18/2014	0943	-0.16	-0.09	0.0	0	0.3	20.7	0.8	0.42	0.0	0.42	
VMP-44-30	1/29/2015	1422	-0.14	-0.16	0.0	0	0.2	20.9	2.2	1.2	0.0	1.2	
VMP-44-30	2/26/2015	1333	-0.09	-1.09	0.0	0	0.2	20.9	0.8	1.5	0.0	1.5	
VMP-44-30	3/26/2015	1445	-0.10	0.00	0.0	0	0.4	20.6	1.0	0.6	0.0	0.6	
VMP-44-30	4/23/2015	1455	-0.10	-0.12	0.0	0	0.4	20.6	1.0	1.2	0.0	1.2	
VMP-44-30	5/21/2015	1110	-0.23	-0.23	0.0	0	0.8	19.9	0.5	1.8	0.0	1.8	
VMP-44-30	6/17/2015	1448	-0.35	-0.48	0.0	0	1.5	19.3	0.7	0.0	0.0	0.0	
VMP-44-30	7/23/2015	1343	-0.51	0.00	0.0	0	1.9	19.1	0.8	2.2	0.0	2.2	
VMP-44-30	8/20/2015	1340	0.00	0.0	0.0	0	2.2	18.9	0.1	0.0	0.0	0.0	
VMP-44-30	9/17/2015	1120	0.00	0.00	0.0	0	1.7	18.9	0.6	0.6	0.0	0.6	
VMP-44-30	10/22/2015	1330	0.00	0.00	0.0	0	0.7	20.0	0.4	0	0.0	0.0	
VMP-44-30	11/24/2015	1252	0.00	-0.11	0.0	0	0.3	20.7	0.2	0	0.0	0.0	
VMP-44-30	12/18/2015	1010	0.00	0.00	0.0	0	0.1	20.6	0.1	0	0.0	0.0	
VMP-44-30	1/21/2016	1541	0.00	0.00	0.0	0	0.1	20.8	0.0	1.5	0.0	1.5	
VMP-44-30	2/18/2016	1440	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-44-30	3/23/2016	1345	0.00	0.00	0.0	0	0.2	20.4	0.3	0.0	0.0	0.0	
VMP-44-30	4/21/2016	0900	0.00	-0.10	0.0	0	0.5	18.9	0.4	0.0	0.0	0.0	
VMP-44-30-Dup	4/21/2016	0900	NM	NM	0.0	0	0.5	18.9	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-44-30	5/18/2016	1525	-0.18	-0.17	0.0	0	0.5	20.5	0.6	0.0	0.0	0.0	
VMP-44-30	6/22/2016	1115	0.00	0.00	0.0	0	0.5	19.7	0.4	0.3	0.0	0.3	
VMP-44-30	7/22/2016	0842	-0.15	0.0	0.0	0	2.2	18.2	0.2	0.0	0.0	0.0	
VMP-44-30	8/25/2016	1047	0.00	0.00	0.0	0	2.0	18.8	0.4	0.0	0.0	0.0	
VMP-44-30	9/22/2016	1036	0.00	0.00	0.0	0	1.9	19.2	0.1	0.0	0.0	0.0	
VMP-44-30	10/21/2016	1201	0.00	0.00	0.0	0	1.3	19.8	0.0	0.0	0.0	0.0	
VMP-44-30	11/17/2016	0857	0.00	0.00	0.0	0	0.6	20.1	0.2	0.0	0.0	0.0	
VMP-44-30-Dup	11/17/2016	0857	NM	NM	0.0	0	0.7	20.1	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-44-30	12/22/2016	1144	0.00	0.26	0.0	0	0.3	20.6	0.2	5.3	5.3	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-45-10	2/2/2012	1433	-0.30	-0.21	0.0	0	6.1	14.8	12.4	35.0	0.0	35.0	
VMP-45-10	2/3/2012	931	-0.19	-0.25	NM	NM	NM	NM	NM	NM	NM	NM	Tedlar overfilled and popped. Could not sample.
VMP-45-10	2/7/2012	1128	-0.15	-0.06	0.0	0	3.4	19.1	1.8	5.0	0.0	5.0	
VMP-45-10	2/15/2012	1444	-0.18	0.05	0.0	0	1.9	20.2	0.3	1.8	0.0	1.8	
VMP-45-10	2/22/2012	1424	0.00	-0.04	0.0	0	1.5	20.5	0.4	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-45-10	2/29/2012	903	-0.14	-0.15	0.0	0	2.2	18.1	3.5	12.3	2.8	9.5	
VMP-45-10	3/21/2012	928	-0.16	-0.11	0.0	0	0.9	20.2	0.2	0.0	0.0	0.0	
VMP-45-10	4/18/2012	929	-0.20	-0.16	0.0	0	0.8	20.2	0.2	2.6	0.0	2.6	
VMP-45-10	5/16/2012	1346	-0.21	-0.19	0.0	0	0.8	20.1	0.7	0.0	0.0	0.0	
VMP-45-10	6/20/2012	1054	-0.16	-0.18	0.0	0	0.8	20.5	0.4	2.3	0.0	2.3	
VMP-45-10	7/18/2012	1359	0.00	0.00	0.0	0	0.6	20.1	0.6	7.7	2.2	5.5	
VMP-45-10	8/15/2012	1125	-0.18	-0.18	0.0	0	0.7	20.4	0.5	2.3	0.0	2.3	
VMP-45-10	9/19/2012	1453	-0.12	-0.10	0.0	0	0.5	20.5	0.6	0.8	0.0	0.8	
VMP-45-10	10/17/2012	1010	-0.22	-0.21	0.0	0	0.3	20.6	0.3	0.9	0.0	0.9	
VMP-45-10	11/20/2012	1025	-0.18	-0.13	0.0	0	0.2	20.8	0.4	0.3	0.0	0.3	
VMP-45-10	12/19/2012	1057	-0.11	-0.06	0.0	0	0.2	20.8	0.2	0.5	0.0	0.5	
VMP-45-10	1/16/2013	935	-0.12	NM	0.0	0	0.1	20.9	0.0	1.8	0.0	1.8	
VMP-45-10	2/25/2013	1115	-0.10	-0.11	0.0	0	0.1	20.9	0.2	0.7	0.0	0.7	
VMP-45-10	3/20/2013	1535	-0.22	-0.20	0.0	0	0.1	20.8	0.7	1.9	0.0	1.9	
VMP-45-10	4/24/2013	1322	-0.48	-0.45	0.0	0	0.2	20.7	0.3	0.4	0.0	0.4	
VMP-45-10	5/23/2013	1037	-0.43	-0.58	0.0	0	0.4	20.3	0.3	0.9	0.0	0.9	
VMP-45-10	6/25/2013	1520	-0.16	-0.41	0.0	0	0.7	20.1	0.5	0.8	0.0	0.8	
VMP-45-10	7/25/2013	1358	-0.19	-0.23	0.0	0	0.7	20.3	0.6	0.5	0.0	0.5	
VMP-45-10	8/29/2013	1542	-0.28	-0.32	0.0	0	0.4	20.5	0.8	0.8	0.0	0.8	
VMP-45-10	9/26/2013	1322	-0.42	-0.40	0.0	0	0.3	20.5	0.6	1.3	0.0	1.3	
VMP-45-10	10/24/2013	0922	-0.51	-0.45	0.0	0	0.1	20.6	0.2	1.2	0.0	1.2	
VMP-45-10	11/20/2013	1335	-0.36	-0.32	0.0	0	0.1	20.9	0.4	1.0	0.0	1.0	
VMP-45-10	12/19/2013	0951	-0.47	-0.33	0.0	0	0.1	20.9	0.6	0.2	0.0	0.2	
VMP-45-10	1/30/2014	1326	-0.17	-0.30	0.0	0	0.1	20.9	0.2	1.2	0.0	1.2	
VMP-45-10	2/19/2014	1434	-0.30	-0.23	0.0	0	0.1	20.8	1.3	0.89	0.0	0.89	
VMP-45-10	3/20/2014	1346	0.00	0.00	0.0	0	0.1	20.6	0.9	1.71	0.0	1.71	
VMP-45-10	4/24/2014	1129	-0.20	0.00	0.0	0	0.2	20.8	0.5	0.89	0.0	0.89	
VMP-45-10	5/22/2014	1434	-0.23	-0.21	0.0	0	0.5	20.6	1.0	0.82	0.0	0.82	
VMP-45-10	6/18/2014	1440	0.00	0.00	0.0	0	0.7	20.7	1.1	1.12	0.0	1.12	
VMP-45-10	7/24/2014	1515	0.00	-0.07	0.0	0	0.6	20.5	1.6	1.22	0.0	1.22	
VMP-45-10	8/21/2014	0845	-0.05	-0.07	0.0	0	0.5	20.4	1.7	1.79	0.0	1.79	
VMP-45-10	9/18/2014	1409	-0.88	0.00	0.0	0	0.4	20.7	0.9	0.79	0.0	0.79	
VMP-45-10	10/22/2014	1533	0.00	-0.04	0.0	0	0.3	20.9	2.5	1.04	0.0	1.04	
VMP-45-10	11/20/2014	1311	0.00	-0.05	0.0	0	0.1	20.8	1.1	1.1	0.0	1.1	
VMP-45-10	12/18/2014	0955	0.00	0.00	0.0	0	0.1	20.9	1.1	1.62	0.0	1.62	
VMP-45-10	1/29/2015	1600	0.00	0.00	0.0	0	0.1	20.9	1.3	1.3	0.0	1.3	
VMP-45-10	2/26/2015	1114	0.00	0.00	0.0	0	0.1	20.9	0.8	0.3	0.0	0.3	
VMP-45-10	3/26/2015	1321	-0.15	0.00	0.0	0	0.1	20.9	0.8	1.3	0.0	1.3	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-45-10	4/22/2015	1548	0.00	-0.11	0.0	0	0.2	20.8	0.6	0.9	0.0	0.9	
VMP-45-10	5/21/2015	1040	0.00	0.00	0.0	0	0.1	20.7	0.5	1.0	0.0	1.0	
VMP-45-10	6/17/2015	1420	-0.12	-0.12	0.0	0	0.4	20.6	0.3	0.4	0.0	0.4	
VMP-45-10	7/22/2015	1434	0.00	0.00	0.0	0	0.3	20.8	0.3	0.8	0.0	0.8	
VMP-45-10	8/20/2015	1010	0.00	-0.16	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-45-10	9/17/2015	0950	0.00	0.0	0.0	0	0.1	20.8	0.5	0.0	0.0	0.0	
VMP-45-10	10/22/2015	0945	0.00	0.00	0.0	0	0.0	20.9	0.1	0	0.0	0.0	
VMP-45-10	11/24/2015	1148	-0.14	-0.12	0.0	0	0.0	20.9	0.2	0	0.0	0.0	
VMP-45-10	12/17/2015	1520	0.00	0.00	0.0	0	0.0	20.9	0.1	0	0.0	0.0	
VMP-45-10	1/20/2016	1210	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-45-10	2/18/2016	1340	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-45-10	3/23/2016	0925	-0.29	-0.19	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-45-10	4/21/2016	1440	-0.06	-0.07	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-45-10	5/18/2016	1415	-0.19	-0.19	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-45-10	6/22/2016	0910	-0.12	-0.10	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-45-10	7/21/2016	1519	0.00	0.00	0.0	0	0.4	20.5	0.1	0.0	0.0	0.0	
VMP-45-10	8/25/2016	0935	-0.20	-0.14	0.0	0	0.3	20.7	0.6	0.0	0.0	0.0	
VMP-45-10	9/22/2016	0929	0.00	0.0	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-45-10	10/21/2016	1001	-0.10	-0.10	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-45-10	11/17/2016	0843	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-45-10	12/22/2016	0933	0.29	0.16	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-45-20	2/2/2012	1437	-0.21	-0.55	63.2	OVR	13.6	0.7	385	32400	18200	14200	
VMP-45-20	2/3/2012	936	-0.77	-0.78	34.9	OVR	13.5	0.7	326	24900	14100	10800	
VMP-45-20	2/7/2012	1129	-0.34	-0.20	26.9	OVR	12.5	1.7	427	11190	6420	4770	
VMP-45-20	2/15/2012	1445	-0.80	-0.38	9.3	OVR	8.4	5.4	566	3750	530	3220	
VMP-45-20	2/22/2012	1429	-0.15	-0.15	4.7	95	7.6	6.0	475	2240	174	2066	
VMP-45-20	2/29/2012	908	-0.23	-0.25	3.4	63	6.3	9.7	367	1860	128	1732	
VMP-45-20	3/21/2012	933	-0.25	0.00	1.4	29	7.0	8.7	250	1260	100	1160	
VMP-45-20	4/18/2012	933	-0.38	-0.01	0.4	9	4.8	14.9	111	515	0.0	515	
VMP-45-20	5/16/2012	1351	-0.36	-0.36	0.3	6	4.4	16.0	94.3	380	0.0	380	
VMP-45-20	6/20/2012	1055	-0.10	-0.25	0.0	0	4.0	16.9	41.1	215	0.0	215	
VMP-45-20	7/18/2012	1401	0.00	0.00	0.0	0	3.9	16.6	38.1	153	8.1	145	
VMP-45-20	8/15/2012	1130	-0.36	-0.33	0.0	0	3.4	17.4	27.2	67.4	9.2	58.2	
VMP-45-20	9/19/2012	1454	-0.25	-0.17	0.0	0	2.6	18.5	9.5	20.4	3.9	16.5	
VMP-45-20	10/17/2012	1011	-0.47	-0.42	0.0	0	2.5	18.6	4.7	19.6	3.9	15.7	
VMP-45-20	11/20/2012	1028	-0.41	-0.31	0.0	0	2.1	18.9	2.3	17.3	11.5	5.9	
VMP-45-20	12/19/2012	1059	-0.22	-0.19	0.0	0	2.4	18.6	1.9	11.8	7.2	4.6	
VMP-45-20	1/16/2013	939	-0.36	NM	0.0	0	2.2	18.7	1.2	15.7	10.6	5.1	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-45-20	2/25/2013	1115	-0.20	-0.21	0.0	0	1.9	18.8	0.9	12.7	8.7	4.0	
VMP-45-20	3/20/2013	1539	-0.41	-0.43	0.0	0	1.0	20.0	0.8	5.4	1.2	4.2	
VMP-45-20	4/24/2013	1326	-0.90	-0.85	0.0	0	1.0	19.8	0.6	3.6	0.0	3.6	
VMP-45-20	5/23/2013	1038	-0.85	-1.14	0.0	0	1.0	19.5	0.7	2.3	0.0	2.3	
VMP-45-20	6/25/2013	1526	-0.25	-0.51	0.0	0	0.8	20.0	0.5	2.2	0.0	2.2	
VMP-45-20	7/25/2013	1403	-0.43	-0.46	0.0	0	1.6	19.2	0.7	1.8	0.0	1.8	
VMP-45-20	8/29/2013	1546	-0.59	-0.67	0.0	0	1.4	19.6	0.8	20.5	0.0	20.5	
VMP-45-20	9/26/2013	1322	-0.86	-0.83	0.0	0	1.4	19.8	0.7	2.7	0.0	2.7	
VMP-45-20	10/24/2013	0927	-1.03	-0.93	0.0	0	1.2	19.5	0.3	2.1	0.0	2.1	
VMP-45-20	11/20/2013	1340	-0.77	-0.72	0.0	0	1.1	20.0	0.2	2.0	0.0	2.0	
VMP-45-20	12/19/2013	0955	-0.92	-0.70	0.0	0	1.2	20.0	0.8	1.7	0.0	1.7	
VMP-45-20	1/30/2014	1327	-0.35	-0.66	0.0	0	1.3	19.6	0.1	2.68	0.0	2.68	
VMP-45-20	2/19/2014	1438	-0.83	-0.51	0.0	0	0.9	20.2	1.2	1.38	0.0	1.38	
VMP-45-20	3/20/2014	1347	-0.08	-0.07	0.0	0	1.1	19.3	1.0	4.89	0.0	4.89	
VMP-45-20	4/24/2014	1129	-0.32	0.00	0.0	0	0.9	19.8	0.7	3.09	0.0	3.09	
VMP-45-20	5/22/2014	1437	-0.39	-0.35	0.0	0	1.1	19.8	0.8	0.49	0.0	0.49	
VMP-45-20	6/18/2014	1440	0.00	-0.21	0.0	0	1.2	20.0	1.2	2.17	0.0	2.17	
VMP-45-20	7/24/2014	1515	0.00	0.00	0.0	0	1.1	20.1	1.8	1.26	0.0	1.26	
VMP-45-20	8/21/2014	0850	-0.14	-0.12	0.0	0	0.7	20.3	1.9	1.84	0.0	1.84	
VMP-45-20	9/18/2014	1414	0.00	0.00	0.0	0	0.6	20.6	0.9	0.71	0.0	0.71	
VMP-45-20	10/22/2014	1533	-0.07	-0.10	0.0	0	0.4	20.8	3.5	1.84	0.0	1.84	
VMP-45-20	11/20/2014	1311	-0.03	-0.06	0.0	0	0.2	20.7	1.3	1.41	0.0	1.41	
VMP-45-20	12/18/2014	1001	-0.10	0.00	0.0	0	0.1	20.9	1.1	0.91	0.0	0.91	
VMP-45-20	1/29/2015	1603	-0.16	-0.17	0.0	0	0.2	20.9	0.7	1.3	0.0	1.3	
VMP-45-20	2/26/2015	1114	0.00	-0.16	0.0	0	0.2	20.8	0.7	0.3	0.0	0.3	
VMP-45-20	3/26/2015	1321	-0.17	0.00	0.0	0	0.2	20.8	0.7	0.9	0.0	0.9	
VMP-45-20	4/22/2015	1549	-0.11	-0.12	0.0	0	0.3	20.7	0.7	1.0	0.0	1.0	
VMP-45-20	5/21/2015	1045	0.00	-0.11	0.0	0	0.2	20.6	0.5	2.4	0.0	2.4	
VMP-45-20	6/17/2015	1424	-0.34	-0.18	0.0	0	0.4	20.6	0.3	0.0	0.0	0.0	
VMP-45-20	7/22/2015	1438	-0.14	-0.15	0.0	0	0.5	20.5	0.5	0.0	0.0	0.0	
VMP-45-20	8/20/2015	1015	-0.09	-0.20	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-45-20	9/17/2015	0955	-0.12	0.0	0.0	0	0.1	20.8	0.7	0.0	0.0	0.0	
VMP-45-20	10/22/2015	0950	-0.10	-0.13	0.0	0	0.1	20.6	0.1	0	0.0	0.0	
VMP-45-20	11/24/2015	1153	-0.19	-0.13	0.0	0	0.2	20.8	0.2	0	0.0	0.0	
VMP-45-20	12/17/2015	1525	0.00	0.00	0.0	0	0.1	20.8	0.0	0	0.0	0.0	
VMP-45-20	1/20/2016	1215	0.00	0.00	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-45-20	2/18/2016	1345	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-45-20	3/23/2016	0930	-0.27	-0.20	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-45-20	4/21/2016	1445	-0.10	-0.09	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-45-20	5/18/2016	1420	-0.23	-0.21	0.0	0	0.3	20.7	0.5	0.0	0.0	0.0	
VMP-45-20	6/22/2016	0915	-0.13	-0.09	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-45-20	7/21/2016	1520	0.00	0.00	0.0	0	0.6	20.3	0.6	0.0	0.0	0.0	
VMP-45-20	8/25/2016	0936	-0.20	-0.09	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	
VMP-45-20	9/22/2016	0930	0.00	0.0	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-45-20	10/21/2016	1003	-0.11	-0.10	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-45-20	11/17/2016	0844	0.00	0.00	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-45-20	12/22/2016	0937	0.13	0.13	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-45-30	2/2/2012	1443	-0.21	-0.28	OVR	OVR	13.2	1.0	340	106000	53000	53000	
VMP-45-30	2/3/2012	942	-0.20	-0.31	OVR	OVR	12.5	2.0	312	72800	40600	32200	
VMP-45-30	2/7/2012	1130	-0.53	-0.13	OVR	OVR	13.1	1.3	395	56800	28760	28040	
VMP-45-30	2/15/2012	1446	-0.38	-0.42	OVR	OVR	11.4	1.2	561	52500	20800	31700	
VMP-45-30	2/22/2012	1434	-0.15	-0.10	86.6	OVR	10.2	1.2	616	31180	11790	19390	
VMP-45-30	2/29/2012	913	-0.29	-0.29	65.3	OVR	10.0	1.4	598	16640	9820	6820	
VMP-45-30	3/21/2012	940	-0.33	-0.25	33.4	OVR	12.3	0.0	789	12680	3560	9120	
VMP-45-30	4/18/2012	937	-0.45	-0.38	7.3	OVR	9.8	4.7	639	3570	200	3370	
VMP-45-30	5/16/2012	1355	-0.42	-0.42	1.5	30	8.9	7.3	450	1400	130	1270	
VMP-45-30	6/20/2012	1056	-0.37	-0.41	0.3	7	8.7	7.8	209	277	53.5	224	
VMP-45-30	7/18/2012	1400	0.00	0.00	0.1	2	7.3	9.4	143	86.0	54.0	32.0	
VMP-45-30	8/15/2012	1135	-0.43	-0.38	0.0	1	7.0	12.6	60.0	71.0	35.2	35.8	
VMP-45-30	9/19/2012	1455	-0.33	-0.29	0.0	0	4.9	15.2	42.8	87.7	37.7	50.0	
VMP-45-30	10/17/2012	1012	-0.57	-0.51	0.0	0	4.2	16.4	22.5	54.9	6.6	48.3	
VMP-45-30	11/20/2012	1031	-0.50	-0.40	0.0	0	3.7	17.2	9.0	19.1	5.8	13.3	
VMP-45-30	12/19/2012	1100	-0.29	-0.19	0.0	0	3.7	17.3	10.1	20.9	4.0	16.9	
VMP-45-30	1/16/2013	944	-0.29	NM	0.0	0	3.2	17.5	5.9	17.8	5.1	12.7	
VMP-45-30	2/25/2013	1115	-0.25	-0.25	0.0	0	2.9	17.7	5.1	19.6	5.1	14.5	
VMP-45-30	3/20/2013	1544	-0.50	-0.50	0.0	0	1.8	19.1	1.2	4.8	0.0	4.8	
VMP-45-30	4/24/2013	1330	-1.25	-0.99	0.0	0	1.6	19.1	5.0	6.3	0.0	6.3	
VMP-45-30	5/23/2013	1038	-1.12	-1.31	0.0	0	1.7	18.8	3.3	4.2	0.0	4.2	
VMP-45-30	6/25/2013	1532	-0.35	-0.23	0.0	0	1.4	19.5	1.4	3.0	0.0	3.0	
VMP-45-30	7/25/2013	1408	-0.56	-0.54	0.0	0	2.4	18.4	1.8	3.3	0.0	3.3	
VMP-45-30	8/29/2013	1550	-0.71	-0.81	0.0	0	2.1	18.8	2.0	3.5	0.0	3.5	
VMP-45-30	9/26/2013	1323	-1.05	-1.02	0.0	0	2.0	19.4	1.7	2.2	0.0	2.2	
VMP-45-30	10/24/2013	0929	-1.28	-1.11	0.0	0	1.3	19.5	0.5	1.3	0.0	1.3	
VMP-45-30	11/20/2013	1345	-0.99	-0.90	0.0	0	1.2	20.1	2.0	0.7	0.0	0.7	
VMP-45-30	12/19/2013	0959	-1.80	-0.87	0.0	0	1.2	20.0	3.0	2.7	0.0	2.7	
VMP-45-30	1/30/2014	1327	-0.44	-0.82	0.0	0	1.2	19.9	1.0	2.23	0.0	2.23	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-45-30	2/19/2014	1442	-0.61	-0.22	0.0	0	0.7	20.3	2.1	1.13	0.0	1.13	
VMP-45-30	3/20/2014	1348	0.00	0.00	0.0	0	0.6	20.3	2.0	3.73	0.0	3.73	
VMP-45-30	4/24/2014	1129	-0.07	0.00	0.0	0	0.5	20.4	1.8	1.33	0.0	1.33	
VMP-45-30	5/22/2014	1440	-0.05	0.00	0.0	0	0.7	20.3	1.8	2.52	0.0	2.52	
VMP-45-30	6/18/2014	1440	0.00	0.00	0.0	0	0.7	20.6	2.0	2.52	0.0	2.52	
VMP-45-30	7/24/2014	1515	-0.07	0.00	0.0	0	0.4	20.9	2.9	1.78	0.0	1.78	
VMP-45-30	8/21/2014	0855	0.00	-0.08	0.0	0	0.9	19.9	2.0	1.29	0.0	1.29	
VMP-45-30	9/18/2014	1419	0.00	0.00	0.0	0	1.4	20.1	1.5	1.94	0.0	1.94	
VMP-45-30	10/22/2014	1533	-0.11	-0.12	0.0	0	1.0	20.2	5.6	1.79	0.0	1.79	
VMP-45-30	11/20/2014	1311	-0.03	-0.15	0.0	0	0.9	20.0	1.3	1.4	0.0	1.4	
VMP-45-30	12/18/2014	1006	-0.31	-0.16	0.0	0	0.7	20.3	1.6	1.07	0.0	1.07	
VMP-45-30	1/29/2015	1606	-0.50	-0.55	0.0	0	0.9	20.2	1.1	0.8	0.0	0.8	
VMP-45-30	2/26/2015	1114	-0.33	-0.36	0.0	0	0.9	20.1	1.2	0.4	0.0	0.4	
VMP-45-30	3/26/2015	1321	-0.48	-0.30	0.0	0	0.7	20.3	0.8	0.9	0.0	0.9	
VMP-45-30-Dup	3/26/2015	1321	NM	NM	0.0	0	0.8	20.2	0.9	0.8	0.0	0.8	Duplicate sample.
VMP-45-30	4/22/2015	1550	-0.41	-0.45	0.0	0	0.8	20.1	1.0	0.6	0.0	0.6	
VMP-45-30	5/21/2015	1050	-0.49	-0.48	0.0	0	0.8	19.8	0.6	0.5	0.0	0.5	
VMP-45-30	6/17/2015	1428	-0.67	-0.56	0.0	0	1.0	19.8	0.5	0.0	0.0	0.0	
VMP-45-30	7/22/2015	1442	-0.44	-0.46	0.0	0	1.3	19.5	0.4	0.0	0.0	0.0	
VMP-45-30	8/20/2015	1025	-0.62	-1.24	0.0	0	1.5	19.4	0.6	0.0	0.0	0.0	
VMP-45-30	9/17/2015	1000	-0.49	-0.38	0.0	0	1.4	19.5	0.6	0.0	0.0	0.0	
VMP-45-30	10/22/2015	0955	-0.52	-0.52	0.0	0	1.3	19.8	0.4	0.8	0.0	0.8	
VMP-45-30	11/24/2015	1158	-0.57	-0.52	0.0	0	0.9	20.2	0.9	0.0	0.0	0.0	
VMP-45-30	12/17/2015	1530	-0.10	0.00	0.0	0	0.8	20.2	0.1	0	0.0	0.0	
VMP-45-30-Dup	12/17/2015	1535	NM	NM	0.0	0	0.8	20.2	0.2	0	0.0	0.0	Duplicate sample.
VMP-45-30	1/20/2016	1220	-0.14	-0.19	0.0	0	1.0	20.0	0.2	0.0	0.0	0.0	
VMP-45-30-Dup	1/20/2016	1225	NM	NM	0.0	0	1.0	20.0	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-45-30	2/18/2016	1350	-0.17	-0.10	0.0	0	0.9	19.9	0.3	0.0	0.0	0.0	
VMP-45-30	3/23/2016	0935	-0.83	-0.69	0.0	0	0.6	20.2	0.2	0.0	0.0	0.0	
VMP-45-30	4/21/2016	1450	-0.37	-0.31	0.0	0	1.2	20.0	0.1	0.0	0.0	0.0	
VMP-45-30	5/18/2016	1425	-0.76	-0.73	0.0	0	0.9	20.2	0.5	0.0	0.0	0.0	
VMP-45-30	6/22/2016	0920	-0.51	-0.36	0.0	0	0.9	19.8	0.3	0.0	0.0	0.0	
VMP-45-30	7/21/2016	1522	0.00	0.00	0.0	0	1.5	19.6	0.5	0.0	0.0	0.0	
VMP-45-30	8/25/2016	0937	-0.50	-0.46	0.0	0	1.6	19.2	0.5	0.0	0.0	0.0	
VMP-45-30-Dup	8/25/2016	0937	NM	NM	0.0	0	1.8	19.3	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-45-30	9/22/2016	0931	-0.16	-0.12	0.0	0	1.9	19.0	0.1	0.0	0.0	0.0	
VMP-45-30	10/21/2016	1006	-0.43	-0.40	0.0	0	2.3	18.9	0.0	0.0	0.0	0.0	
VMP-45-30-Dup	10/21/2016	1006	NM	NM	0.0	0	2.2	19.1	0.0	0.0	0.0	0.0	Duplicate sample.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-45-30	11/17/2016	0845	0.00	-0.13	0.0	0	1.7	19.2	0.1	0.0	0.0	0.0	
VMP-45-30	12/22/2016	0940	0.71	0.58	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	Initial vacuum measured at -0.37 inwc on 12/28/2016.
VMP-46-10	2/15/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-10	2/16/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-10	2/17/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-10	2/20/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-10	2/21/2012	958	-1.25	-0.78	1.0	20	1.0	20.6	146	1379	37.3	1342	
VMP-46-10	2/22/2012	936	0.12	0.11	0.6	12	0.2	20.8	45.4	1036	298	738	
VMP-46-10	2/29/2012	901	-0.33	-0.38	0.3	6	2.6	18.0	93.9	744	58.6	685	
VMP-46-10	3/21/2012	900	-0.40	-0.39	0.0	0	1.8	19.3	0.5	18.3	4.6	13.7	
VMP-46-10	4/18/2012	829	-0.36	-0.27	0.0	1	1.5	19.2	0.8	115	78.0	37.0	
VMP-46-10	5/16/2012	900	-0.50	-0.52	0.0	0	1.0	20.0	0.3	1.5	0.0	1.5	
VMP-46-10	6/20/2012	840	-0.48	-0.45	0.0	0	0.6	20.3	0.4	0.0	0.0	0.0	
VMP-46-10	7/18/2012	919	-0.46	-0.37	0.0	0	0.7	20.2	0.7	1.9	0.0	1.9	
VMP-46-10	8/15/2012	836	-0.39	-0.31	0.0	0	0.5	20.7	0.9	4.8	0.0	4.8	
VMP-46-10	9/19/2012	1228	-0.33	-0.25	0.0	0	0.2	20.6	0.7	5.1	0.0	5.1	
VMP-46-10	10/17/2012	848	-0.40	-0.45	0.0	0	0.7	20.1	0.4	2.2	0.0	2.2	
VMP-46-10	11/20/2012	942	-0.53	-0.36	0.0	0	0.4	20.6	0.6	2.6	0.0	2.6	
VMP-46-10	12/19/2012	1021	-0.43	-0.36	0.0	0	0.2	20.7	0.3	0.3	0.0	0.3	
VMP-46-10	1/16/2013	902	-0.28	-0.19	0.0	0	0.4	20.0	0.3	1.0	0.0	1.0	
VMP-46-10	2/25/2013	NM	NM	-11.20	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during sampling.
VMP-46-10	3/20/2013	916	-0.83	-0.83	0.0	0	0.1	20.8	0.2	0.9	0.0	0.9	
VMP-46-10	4/25/2013	1018	-0.76	-0.71	0.0	1	0.0	20.9	17.5	130	0.0	130	
VMP-46-10	5/22/2013	853	-0.50	-0.47	0.0	0	0.0	20.9	0.6	1.2	0.0	1.2	
VMP-46-10	6/25/2013	906	-0.54	-0.53	0.0	0	0.1	20.9	0.4	1.8	0.0	1.8	
VMP-46-10	7/24/2013	0841	-0.59	-0.52	0.0	0	0.0	20.9	0.4	1.5	0.0	1.5	
VMP-46-10	8/28/2013	1052	-0.52	-0.53	0.0	0	0.0	20.9	0.7	2.1	0.0	2.1	
VMP-46-10	9/25/2013	0850	-0.79	-0.68	0.0	0	0.0	20.9	0.2	4.2	0.0	4.2	
VMP-46-10	10/23/2013	0935	-1.05	-0.89	0.0	0.0	0.0	20.9	0.5	1.3	0.0	1.3	
VMP-46-10	11/20/2013	0832	-0.74	-0.75	0.0	0.0	0	20.9	0.2	1.8	0.0	1.8	
VMP-46-10	12/18/2013	0838	-0.63	-0.25	0.0	0.0	1.3	16.3	0.2	3.7	0.0	3.7	
VMP-46-10	1/29/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well located inside construction zone. Could not access.
VMP-46-10	2/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well located inside construction zone. Could not access.
VMP-46-10	3/19/2014	0858	-0.96	-1.15	0.0	0	0.1	20.9	0.7	1.22	0.0	1.22	
VMP-46-10	4/23/2014	0855	-0.98	-0.87	0.0	0	0.0	20.9	0.9	2.67	0.0	2.67	
VMP-46-10	5/21/2014	0912	-0.67	-0.62	0.0	0	0.1	20.9	0.8	2.17	0.0	2.17	
VMP-46-10	6/18/2014	1100	-0.60	-0.45	0.0	0	0.1	20.8	1.2	2.9	0.0	2.9	
VMP-46-10	7/23/2014	1138	-0.54	-0.43	0.0	0	0.1	20.8	1.3	1.55	0.0	1.55	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-46-10	8/20/2014	1125	-1.60	-0.61	0.0	0	0.1	20.8	1.4	0.98	0.0	0.98	
VMP-46-10	9/17/2014	1236	-0.28	-0.10	0.0	0	0.6	20.2	1.2	2.36	0.0	2.36	
VMP-46-10	10/22/2014	0933	0.00	-0.23	0.0	0	0.3	20.7	1.4	3.14	0.0	3.14	
VMP-46-10	11/19/2014	0932	0.00	-0.21	0.0	0	0.1	20.8	1.0	1.69	0.0	1.69	
VMP-46-10-Dup	11/19/2014	0933	NM	NM	0.0	0	0.1	20.8	0.9	1.66	0.0	1.66	Duplicate sample.
VMP-46-10	12/17/2014	1415	0.00	0.00	0.0	0	0.1	20.8	1.8	1.62	0.0	1.62	
VMP-46-10	1/29/2015	1432	0.00	-0.41	0.0	0	0.0	20.9	0.9	2.3	0.0	2.3	
VMP-46-10	2/25/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP location underneath snow mound. Could not access.
VMP-46-10	3/25/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP location underneath roll-off dumpster. Could not access.
VMP-46-10	4/22/2015	1050	0.00	0.00	0.0	0	0.0	20.9	0.5	1.9	0.0	1.9	
VMP-46-10	5/20/2015	0950	-0.15	-0.10	0.0	0	0.0	20.9	0.8	1.3	0.0	1.3	
VMP-46-10	6/17/2015	0935	-0.37	-0.35	0.0	0	0.1	20.8	1.1	2.7	0.0	2.7	
VMP-46-10	7/22/2015	0933	-0.16	-0.15	0.0	0	0.0	20.9	0.9	2.0	0.0	2.0	
VMP-46-10	8/19/2015	1010	0.00	0.0	0.0	0	0.1	20.6	0.4	0.4	0.0	0.4	
VMP-46-10	9/16/2015	0936	0.00	-0.16	0.0	0	0.0	20.9	0.6	1.2	0.0	1.2	
VMP-46-10	10/21/2015	1236	0.00	0.00	0.0	0	0.0	20.9	0.5	0.5	0.0	0.5	
VMP-46-10	11/23/2015	0950	-0.32	-0.17	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-46-10	12/16/2015	1030	-1.85	-0.30	0.0	0	0.0	20.9	0.2	0	0.0	0.0	
VMP-46-10	1/20/2016	1110	-0.10	0.00	0.0	0	0.0	20.9	0.3	0.3	0.0	0.3	
VMP-46-10	2/17/2016	1010	-0.31	-0.27	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-46-10	3/22/2016	1010	0.00	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-46-10	4/20/2016	1015	0.21	-0.15	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-46-10	5/18/2016	1155	-0.48	-0.46	0.0	0	0.0	20.9	0.3	0.2	0.0	0.2	
VMP-46-10	6/21/2016	1245	0.00	0.00	0.0	0	0.0	20.9	0.4	0.3	0.0	0.3	
VMP-46-10	7/21/2016	0959	0.00	-0.11	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-46-10	8/24/2016	1011	0.00	0.0	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-46-10	9/21/2016	1013	-0.30	-0.20	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	10/20/2016	1010	-0.46	-0.46	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-10	11/16/2016	1014	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-46-10	12/21/2016	1124	0.00	0.00	0.0	0	0.0	20.9	0.4	0.2	0.0	0.2	
VMP-46-20	2/15/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-20	2/16/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-20	2/17/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-20	2/20/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-20	2/21/2012	959	-1.06	-1.09	OVR	OVR	7.1	2.6	78.6	1000000	811000	189000	
VMP-46-20	2/22/2012	937	0.19	0.17	OVR	OVR	7.7	1.2	64.3	923000	374000	549000	
VMP-46-20	2/29/2012	902	-0.45	-0.51	OVR	OVR	7.4	1.2	67.7	1000000	405000	595000	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-46-20	3/21/2012	900	-0.55	-0.53	OVR	OVR	7.3	0.6	66.1	1000000	438000	562000	
VMP-46-20	4/18/2012	829	-0.49	-0.38	OVR	OVR	6.4	1.9	70.0	775000	359000	416000	
VMP-46-20	5/16/2012	901	-0.36	-0.74	OVR	OVR	8.0	1.0	82.1	510000	241000	269000	
VMP-46-20	6/20/2012	841	0.02	-0.64	OVR	OVR	9.7	0.5	82.0	136000	85300	50700	
VMP-46-20	7/18/2012	920	-0.64	-0.52	OVR	OVR	10.1	1.5	56.0	203000	124000	79000	
VMP-46-20	8/15/2012	837	-0.55	-0.51	OVR	OVR	12.7	1.5	107	149000	100000	49000	
VMP-46-20	9/19/2012	1230	-0.47	-2.22	OVR	OVR	13.6	1.7	148	94500	89700	4800	
VMP-46-20	10/17/2012	849	-0.52	-0.63	OVR	OVR	12.9	1.1	124	168000	111000	57000	
VMP-46-20	11/20/2012	946	-0.75	-0.51	OVR	OVR	12.8	1.4	326	85700	56000	29700	
VMP-46-20	12/19/2012	1022	-0.66	-0.52	57.2	OVR	12.7	1.4	190	70600	60000	10600	
VMP-46-20	1/16/2013	907	-0.38	-0.25	OVR	OVR	12.6	0.9	235	76500	65000	11500	
VMP-46-20	2/25/2013	927	-0.47	-0.44	OVR	OVR	12.0	0.8	223	86700	44800	41900	
VMP-46-20	3/20/2013	920	-1.41	-1.25	18.5	OVR	9.2	6.7	145	24200	19900	4300	
VMP-46-20	4/25/2013	1024	-1.48	-1.37	27.5	OVR	9.8	4.8	255	24500	16700	7800	
VMP-46-20	5/22/2013	854	-0.98	-0.95	49.6	OVR	10.3	3.3	230	31200	28100	3100	
VMP-46-20	6/25/2013	912	-0.96	-0.94	40.1	OVR	9.9	4.7	277	25300	15500	9800	
VMP-46-20	7/24/2013	0846	-0.95	-0.83	4.4	88	8.7	9.1	123	7600	5900	1700	
VMP-46-20	8/28/2013	1053	-0.89	-0.89	3.5	70	9.5	10.2	94.8	7600	5500	2100	
VMP-46-20	9/25/2013	0854	-1.45	-1.24	2.0	41	9.2	11.0	173	5500	3150	2350	
VMP-46-20	10/23/2013	0939	-1.88	-1.63	0.4	8	8.3	12.2	72.0	721	347	374	
VMP-46-20	11/20/2013	0836	-1.30	-1.28	0.1	2	4.6	16.6	11.0	207	115	92.0	
VMP-46-20	12/18/2013	0842	-1.16	-0.39	0.4	8	7.2	11.4	60.0	310	46.0	264	
VMP-46-20	1/29/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well located inside construction zone. Could not access.
VMP-46-20	2/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well located inside construction zone. Could not access.
VMP-46-20	3/19/2014	0903	-1.62	-1.96	0.0	0	1.8	17.9	3.1	1.52	0.0	1.52	
VMP-46-20	4/23/2014	0858	-1.63	-1.45	0.0	0	1.0	19.5	0.8	2.15	0.0	2.15	
VMP-46-20	5/21/2014	0917	-1.14	-1.04	0.0	0	1.3	18.6	1.1	2.25	0.0	2.25	
VMP-46-20	6/18/2014	1102	-0.97	-0.77	0.0	0	1.4	18.5	2.7	3.47	0.0	3.47	
VMP-46-20	7/23/2014	1142	-0.91	-0.72	0.0	0	2.0	18.5	2.5	2.15	0.0	2.15	
VMP-46-20	8/20/2014	1130	-1.14	-1.03	0.0	0	1.9	19.1	0.7	1.14	0.0	1.14	
VMP-46-20	9/17/2014	1241	-0.10	0.00	0.0	0	0.9	20.1	1.5	1.78	0.0	1.78	
VMP-46-20	10/22/2014	0934	-0.11	0.00	0.0	0	0.3	20.6	1.3	3.22	0.0	3.22	
VMP-46-20	11/19/2014	0932	-0.08	-0.08	0.0	0	0.5	20.6	1.0	2.05	0.0	2.05	
VMP-46-20	12/17/2014	1420	0.00	0.00	0.0	0	0.2	20.8	1.7	1.25	0.0	1.25	
VMP-46-20	1/29/2015	1438	-0.16	-0.16	0.0	0	0.1	20.9	0.9	2.1	0.0	2.1	
VMP-46-20	2/25/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP location underneath snow mound. Could not access.
VMP-46-20	3/25/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP location underneath roll-off dumpster. Could not access.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-46-20	4/22/2015	1054	-0.17	0.00	0.0	0	0.0	20.9	0.8	2.1	0.0	2.1	
VMP-46-20	5/20/2015	0955	-0.14	0.00	0.0	0	0.0	20.9	0.4	1.3	0.0	1.3	
VMP-46-20	6/17/2015	0940	0.00	0.00	0.0	0	0.1	20.8	0.5	2.4	0.0	2.4	
VMP-46-20	7/22/2015	0940	0.00	0.00	0.0	0	0.1	20.7	0.4	0.0	0.0	0.0	
VMP-46-20	8/19/2015	1015	0.00	0.00	0.0	0	0.2	20.7	0.4	0.2	0.0	0.2	
VMP-46-20	9/16/2015	0941	-0.80	0.0	0.0	0	0.6	20.4	0.8	0.2	0.0	0.2	
VMP-46-20	10/21/2015	1240	0.00	0.00	0.0	0	0.1	20.8	0.3	0.4	0.0	0.4	
VMP-46-20	11/23/2015	0955	-1.19	-0.36	0.0	0	0.8	20.4	0.0	0	0.0	0.0	
VMP-46-20	12/16/2015	1035	-0.18	-0.17	0.0	0	0.0	20.9	0.2	0	0.0	0.0	
VMP-46-20	1/20/2016	1115	0.00	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-46-20	2/17/2016	1015	0.00	-0.11	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-46-20	3/22/2016	1015	0.00	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-46-20	4/20/2016	1020	1.41	-0.13	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-46-20	5/18/2016	1200	-0.28	-0.23	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-46-20	6/21/2016	1250	0.00	0.00	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-46-20	7/21/2016	1004	-0.10	-0.12	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-20	8/24/2016	1012	0.00	-0.17	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-46-20	9/21/2016	1016	-0.37	-0.27	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-46-20	10/20/2016	1012	-0.59	-0.47	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-46-20	11/16/2016	1015	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-46-20	12/21/2016	1127	0.00	0.00	0.0	0	0.2	20.6	0.1	0.0	0.0	0.0	
VMP-46-30	2/15/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-30	2/16/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-30	2/17/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-30	2/20/2012	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Chip and seal mounded over well. Cannot sample.
VMP-46-30	2/21/2012	1000	-1.06	-1.06	OVR	OVR	7.5	2.4	77.6	906000	747000	159000	
VMP-46-30	2/22/2012	937	0.17	0.17	OVR	OVR	8.0	1.4	64.3	1000000	1000000	0.0	
VMP-46-30	2/29/2012	903	-0.47	-0.50	OVR	OVR	7.5	1.4	69.3	1000000	533000	467000	
VMP-46-30	3/21/2012	900	-0.56	-0.54	OVR	OVR	6.9	0.6	71.1	1000000	1000000	0.0	
VMP-46-30	4/18/2012	830	-0.49	-0.39	OVR	OVR	6.2	1.2	71.5	1000000	448000	552000	
VMP-46-30	5/16/2012	902	-0.70	-0.76	OVR	OVR	6.4	0.5	83.1	1000000	610000	390000	
VMP-46-30	6/20/2012	842	-0.69	-0.65	OVR	OVR	6.3	1.6	106	565000	305000	260000	
VMP-46-30	7/18/2012	921	-0.64	-0.13	OVR	OVR	6.2	1.8	55.4	1000000	283000	717000	
VMP-46-30	8/15/2012	837	-0.59	-0.53	OVR	OVR	7.8	1.8	121	392000	225000	167000	
VMP-46-30	9/19/2012	1231	-0.51	-2.53	OVR	OVR	9.3	1.9	152	669000	260000	409000	
VMP-46-30	10/17/2012	850	-0.56	-0.61	OVR	OVR	10.7	1.0	119	414000	336000	78000	
VMP-46-30	11/20/2012	950	-0.76	-0.51	OVR	OVR	11.7	1.4	223	256000	216000	40000	
VMP-46-30	12/19/2012	1023	-0.68	-0.53	OVR	OVR	11.9	1.9	242	310000	155000	155000	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-46-30	1/16/2013	912	-0.42	-0.23	OVR	OVR	12.5	0.8	180	215000	114000	101000	
VMP-46-30	2/25/2013	931	-0.37	-0.43	OVR	OVR	11.5	1.4	210	179000	79100	99900	
VMP-46-30	3/20/2013	924	-1.33	-1.15	8.1	OVR	1.2	18.8	150	9600	6000	3600	Results suspect due to higher than expected oxygen concentrations in Tedlar.
VMP-46-30	4/25/2013	1029	-1.12	-1.05	0.3	6	1.5	18.8	79.9	329	79.1	250	
VMP-46-30	5/22/2013	855	-0.92	-0.88	17.3	OVR	5.6	11.6	278	8500	6600	1900	
VMP-46-30	6/25/2013	919	-0.96	-0.94	0.1	2	8.8	7.9	17.5	163	92.6	70.4	
VMP-46-30	7/24/2013	0851	-0.98	-0.85	0.0	1	6.6	12.9	10.1	250	68.4	182	
VMP-46-30	8/28/2013	1054	-0.90	-0.90	0.0	0	5.3	15.6	6.0	53.7	32.1	21.6	
VMP-46-30	9/25/2013	0858	-1.49	-1.27	0.0	0	4.0	17.1	5.8	24.9	8.1	16.8	
VMP-46-30	10/23/2013	943	-1.86	-1.62	0.0	0	4.2	16.8	2.0	11.2	4.0	7.2	
VMP-46-30	11/20/2013	0840	-1.27	-1.30	0.0	0	1.7	19.7	0.7	4.8	0.0	4.8	
VMP-46-30	12/18/2013	0846	-1.16	-0.40	0.0	0	5.6	14.2	0.5	5.6	0.4	5.2	
VMP-46-30	1/29/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well located inside construction zone. Could not access.
VMP-46-30	2/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well located inside construction zone. Could not access.
VMP-46-30	3/19/2014	0908	-1.65	-1.98	0.0	0	1.4	18.8	3.4	1.14	0.0	1.14	
VMP-46-30	4/23/2014	0901	-1.65	-1.49	0.0	0	0.7	19.8	0.8	2.07	0.0	2.07	
VMP-46-30	5/21/2014	0920	-1.16	-1.07	0.0	0	0.9	19.4	0.9	2.36	0.0	2.36	
VMP-46-30	6/18/2014	1102	-0.99	-0.78	0.0	0	1.3	18.6	5.2	2.89	0.0	2.89	
VMP-46-30	7/23/2014	1146	-0.93	-0.73	0.0	0	2.5	17.8	1.4	1.4	0.0	1.4	
VMP-46-30-Dup	7/23/2014	1151	NM	NM	0.0	0	2.6	17.8	1.6	1.42	0.0	1.42	Duplicate sample.
VMP-46-30	8/20/2014	1135	-1.18	-0.88	0.0	0	2.5	18.5	1.0	1.15	0.0	1.15	
VMP-46-30	9/17/2014	1246	-0.43	-0.33	0.0	0	4.4	16.5	1.2	1.16	0.0	1.16	
VMP-46-30-Dup	9/17/2014	1251	NM	NM	0.0	0	4.3	16.7	1.9	1.89	0.0	1.89	Duplicate sample.
VMP-46-30	10/22/2014	0935	-0.88	-0.66	0.0	0	2.2	18.8	1.3	2.15	0.0	2.15	
VMP-46-30	11/19/2014	0933	-0.62	-0.75	0.0	0	2.0	19.3	1.1	1.35	0.0	1.35	
VMP-46-30	12/17/2014	1425	-0.15	-0.33	0.0	0	1.1	19.1	1.8	0.76	0.0	0.76	
VMP-46-30	1/29/2015	1442	-1.18	-1.05	0.0	0	0.4	20.7	1.6	1.4	0.0	1.4	
VMP-46-30	2/25/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP location underneath snow mound. Could not access.
VMP-46-30	3/25/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP location underneath roll-off dumpster. Could not access.
VMP-46-30	4/22/2015	1147	-5.02	-4.74	0.0	0	0.4	20.6	0.8	1.8	0.0	1.8	
VMP-46-30	5/20/2015	1000	-0.99	-0.72	0.0	0	0.3	20.6	0.4	0.9	0.0	0.9	
VMP-46-30	6/17/2015	0945	-1.10	-0.87	0.0	0	0.8	19.8	0.6	1.7	0.0	1.7	
VMP-46-30	7/22/2015	0945	-0.84	-0.50	0.0	0	1.2	19.6	0.4	0.0	0.0	0.0	
VMP-46-30	8/19/2015	1020	-1.13	-1.01	0.0	0	1.8	19.0	0.5	0.0	0.0	0.0	
VMP-46-30	9/16/2015	0946	-0.86	-0.81	0.0	0	1.2	19.9	0.6	0.6	0.0	0.6	
VMP-46-30	10/21/2015	1244	-0.52	-0.39	0.0	0	0.6	20.4	0.6	0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-46-30	11/23/2015	1000	-0.85	-0.95	0.0	0	0.5	20.6	0.0	0	0.0	0.0	
VMP-46-30	12/16/2015	1040	-1.21	-1.17	0.0	0	0.4	20.6	0.3	0	0.0	0.0	
VMP-46-30	1/20/2016	1120	-0.25	0.00	0.0	0	0.5	20.4	0.4	0.0	0.0	0.0	
VMP-46-30	2/17/2016	1020	-1.67	-1.13	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-46-30-Dup	2/17/2016	1020	NM	NM	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-46-30	3/22/2016	1020	-0.35	-0.23	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-46-30	4/20/2016	1025	-1.34	-0.47	0.0	0	0.2	20.6	0.2	0.0	0.0	0.0	
VMP-46-30-Dup	4/20/2016	1025	NM	NM	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-46-30	5/18/2016	1205	-1.29	-1.26	0.0	0	0.1	20.8	0.2	0.3	0.0	0.3	
VMP-46-30	6/21/2016	1255	0.00	0.00	0.0	0	0.3	20.4	0.5	0.0	0.0	0.0	
VMP-46-30	7/21/2016	1008	-0.23	-0.19	0.0	0	0.3	20.5	0.0	0.0	0.0	0.0	
VMP-46-30	8/24/2016	1013	-0.25	-0.25	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-46-30	9/21/2016	1018	-0.43	-0.36	0.0	0	0.2	20.6	0.3	0.0	0.0	0.0	
VMP-46-30-Dup	9/21/2016	1018	NM	NM	0.0	0	0.3	20.5	0.8	0.0	0.0	0.0	Duplicate sample.
VMP-46-30	10/20/2016	1015	-0.83	-0.50	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-46-30	11/16/2016	1016	-0.15	-0.11	0.0	0	0.4	20.5	0.1	0.0	0.0	0.0	
VMP-46-30	12/21/2016	1130	0.00	0.00	0.0	0	0.9	20.1	0.1	0.0	0.0	0.0	
VMP-47-5	3/21/2013	1234	0.02	0.12	0.0	0	10.9	3.6	10.9	152	0.0	152	Initial monthly sample after installation.
VMP-47-5	4/24/2013	1535	-0.07	0.00	0.0	0	10.8	6.3	34.1	119	27.5	91.0	
VMP-47-5	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-47-5	6/25/2013	1011	-0.03	0.00	OVR	OVR	10.2	0.6	120	115000	76300	38700	
VMP-47-5	7/25/2013	0844	0.00	-0.85	0.0	0	12.5	2.1	0.7	25.3	21.4	3.9	
VMP-47-5	8/29/2013	0943	0.00	-0.90	0.0	0	10.5	9.0	0.7	1.4	0.0	1.4	
VMP-47-5	9/26/2013	0842	0.06	-1.27	0.0	0	7.6	12.9	0.4	1.0	0.0	1.0	
VMP-47-5	10/23/2013	1330	0.00	-0.17	0.0	0	7.6	12.4	0.7	0.6	0.0	0.6	
VMP-47-5	11/21/2013	0912	-0.15	0.51	0.0	0	0.4	19.1	0.2	0.8	0.0	0.75	
VMP-47-5	12/19/2013	0938	0.00	-0.43	0.0	0	0.3	20.7	0.4	0.7	0.0	0.72	
VMP-47-5	1/30/2014	1510	0.00	0.00	0.0	0	0.2	20.8	0.7	2.59	0.0	2.59	
VMP-47-5	2/20/2014	0914	0.00	0.00	0.0	0	0.3	20.6	0.8	0.9	0.0	0.9	
VMP-47-5	3/19/2014	1319	-0.35	-0.32	0.0	0	0.2	20.9	0.9	0.98	0.0	0.98	
VMP-47-5	4/23/2014	1442	0.00	0.00	0.0	0	0.9	20.0	0.9	2.11	0.0	2.11	
VMP-47-5	5/22/2014	1045	-0.14	-0.13	0.0	0	0.4	20.7	1.0	2.12	0.0	2.12	
VMP-47-5	6/18/2014	0949	-0.09	-0.07	0.0	0	0.5	19.5	1.1	1.42	0.0	1.42	
VMP-47-5	7/24/2014	0939	-0.09	-0.14	0.0	0	0.7	19.3	0.9	1.18	0.0	1.18	
VMP-47-5	8/21/2014	0840	-0.09	-0.07	0.0	0	1.9	19.1	1.6	0.56	0.0	0.56	
VMP-47-5	9/18/2014	0938	-0.09	-0.05	0.0	0	1.6	19.7	1.4	1.15	0.0	1.15	
VMP-47-5	10/23/2014	1044	-0.17	-0.18	0.0	0	1.0	20.1	1.2	0.35	0.0	0.35	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-47-5	11/19/2014	0951	-0.42	-0.43	0.0	0	0.5	20.6	1.0	0.6	0.0	0.6	
VMP-47-5-Dup	11/19/2014	0956	NM	NM	0.0	0	0.5	20.6	1.0	0.5	0.0	0.5	Duplicate sample.
VMP-47-5	12/18/2014	1151	0.00	0.00	0.0	0	0.6	20.5	1.7	0.39	0.0	0.39	
VMP-47-5	1/29/2015	0857	-0.19	-0.15	0.0	0	0.4	20.7	0.3	0.3	0.0	0.3	
VMP-47-5	2/27/2015	0940	-0.10	-0.16	0.0	0	0.3	20.5	0.3	1.1	0.0	1.1	
VMP-47-5	3/26/2015	1310	-0.11	-0.12	0.0	0	0.4	20.7	1.0	0.4	0.0	0.4	
VMP-47-5	4/23/2015	1307	-0.12	-0.09	0.0	0	1.1	19.9	1.7	1.4	0.0	1.4	
VMP-47-5	5/21/2015	1226	-0.27	-0.12	0.0	0	1.5	19.6	0.3	1.4	0.0	1.4	
VMP-47-5	6/18/2015	0818	-0.26	0.00	0.0	0	1.8	19.4	0.4	0.7	0.0	0.7	
VMP-47-5	7/23/2015	1346	-0.12	0.00	0.0	0	1.8	19.5	0.7	1.5	0.0	1.5	
VMP-47-5	8/20/2015	0949	0.00	0.0	0.0	0	1.6	19.6	0.4	0.0	0.0	0.0	
VMP-47-5	9/17/2015	1010	-0.15	0.00	0.0	0	1.0	20.0	0.5	0.0	0.0	0.0	
VMP-47-5	10/22/2015	0915	-0.09	-0.09	0.0	0	0.2	20.7	0.6	1.6	0.0	1.6	
VMP-47-5	11/24/2015	1420	0.00	0.00	0.0	0	0.4	20.7	0.1	0	0.0	0.0	
VMP-47-5	12/17/2015	1219	0.00	0.00	0.0	0	0.4	20.7	0.2	0	0.0	0.0	
VMP-47-5	1/21/2016	1115	0.00	0.00	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-47-5	2/18/2016	1500	0.00	0.00	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-47-5	3/23/2016	0940	-0.19	-0.18	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-47-5	4/21/2016	1140	-0.15	-0.14	0.0	0	0.6	20.0	0.5	0.0	0.0	0.0	
VMP-47-5	5/19/2016	1020	-0.18	-0.18	0.0	0	0.5	20.4	0.6	0.0	0.0	0.0	
VMP-47-5	6/22/2016	0910	-0.09	-0.09	0.0	0	0.2	20.4	0.4	0.0	0.0	0.0	
VMP-47-5	7/20/2016	1535	-0.12	-0.12	0.0	0	0.8	20.0	0.6	0.0	0.0	0.0	
VMP-47-5	8/25/2016	0957	-0.11	0.0	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-47-5	9/22/2016	1017	0.00	-0.08	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-47-5	10/21/2016	1115	-0.26	-0.19	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-47-5	11/17/2016	1035	0.00	0.00	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-47-5	12/22/2016	0835	-0.15	-0.14	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-47-10	3/21/2013	1238	0.03	0.10	0.0	0	10.9	5.4	2.8	96.9	0.0	96.9	Initial monthly sample after installation.
VMP-47-10	4/24/2013	1540	-0.05	0.00	0.0	0	12.1	3.6	30.6	76.1	4.2	71.9	
VMP-47-10	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-47-10	6/25/2013	1012	-0.04	0.08	88.1	OVR	11.0	0.8	150	68600	44900	23700	
VMP-47-10	7/26/2013	0853	0.00	0.03	6.2	OVR	13.6	0.5	43.2	13900	12500	1400	
VMP-47-10	8/29/2013	0948	0.00	0.00	0.0	0	15.0	1.2	0.9	1.5	0.0	1.5	
VMP-47-10	9/26/2013	0848	0.00	0.00	0.0	0	12.6	6.5	0.6	1.7	0.0	1.7	
VMP-47-10	10/23/2013	1334	0.00	0.00	0.0	0	11.7	7.9	1.0	1.3	0.0	1.3	
VMP-47-10	11/21/2013	0916	-0.30	-0.46	0.0	0	0.9	18.8	0.2	0.1	0.0	0.1	
VMP-47-10	12/19/2013	0942	-0.16	-0.10	0.0	0	0.9	20.2	0.1	0.1	0.0	0.1	
VMP-47-10	1/30/2014	1512	-0.13	-0.15	0.0	0	0.6	20.6	0.8	0.57	0.0	0.57	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-47-10	2/20/2014	0915	0.00	0.00	0.0	0	0.6	20.4	0.8	0.54	0.0	0.54	
VMP-47-10	3/19/2014	1321	-0.25	-0.24	0.0	0	0.6	20.8	0.9	0.44	0.0	0.44	
VMP-47-10	4/23/2014	1446	-0.15	-0.12	0.0	0	0.9	20.1	1.0	1.87	0.0	1.87	
VMP-47-10	5/22/2014	1048	-0.33	-0.32	0.0	0	0.9	20.4	0.9	1.69	0.0	1.69	
VMP-47-10	6/18/2014	0949	-0.25	-0.19	0.0	0	1.4	19.6	1.2	0.75	0.0	0.75	
VMP-47-10	7/24/2014	0942	-0.67	0.00	0.0	0	1.6	19.5	1.9	1.42	0.0	1.42	
VMP-47-10	8/21/2014	0842	-0.66	0.00	0.0	0	1.4	19.6	2.2	1.19	0.0	1.19	
VMP-47-10	9/18/2014	0943	-0.26	-0.22	0.0	0	1.3	20.0	1.5	0.68	0.0	0.68	
VMP-47-10	10/23/2014	1045	-0.22	-0.22	0.0	0	0.9	20.1	1.6	0.45	0.0	0.45	
VMP-47-10	11/20/2014	0952	-0.21	-0.16	0.0	0	0.6	20.5	1.1	0.41	0.0	0.41	
VMP-47-10	12/18/2014	1156	0.00	-0.12	0.0	0	0.6	20.4	0.6	0.26	0.0	0.26	
VMP-47-10	1/29/2015	0902	-0.55	-0.50	0.0	0	0.3	20.7	0.4	0.5	0.0	0.5	
VMP-47-10	2/27/2015	0940	-0.29	-0.32	0.0	0	0.2	20.8	0.4	0.5	0.0	0.5	
VMP-47-10	3/26/2015	1314	-0.31	-0.31	0.0	0	0.3	20.8	1.2	0.5	0.0	0.5	
VMP-47-10	4/23/2015	1308	-0.29	-0.26	0.0	0	0.6	20.3	1.6	1.6	0.0	1.6	
VMP-47-10	5/21/2015	1230	-0.50	-0.34	0.0	0	0.6	20.2	0.4	2.1	0.0	2.1	
VMP-47-10	6/18/2015	0823	-0.20	-0.24	0.0	0	1.0	20.1	0.4	0.0	0.0	0.0	
VMP-47-10	7/23/2015	1350	-0.21	-0.20	0.0	0	1.0	20.0	0.6	0.3	0.0	0.3	
VMP-47-10	8/20/2015	0954	-0.30	-0.25	0.0	0	1.3	19.9	0.3	0.0	0.0	0.0	
VMP-47-10	9/17/2015	1015	-0.24	-0.18	0.0	0	1.0	20.0	0.6	0.0	0.0	0.0	
VMP-47-10	10/22/2015	0920	-0.26	-0.26	0.0	0	0.5	20.4	0.4	0.1	0.0	0.1	
VMP-47-10	11/24/2015	1425	-0.20	-0.21	0.0	0	0.4	20.6	0.2	0	0.0	0.0	
VMP-47-10	12/17/2015	1220	0.00	-0.21	0.0	0	0.4	20.7	0.2	0	0.0	0.0	
VMP-47-10	1/21/2016	1120	-0.12	-0.40	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-47-10	2/18/2016	1504	-0.23	-0.25	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-47-10	3/23/2016	0945	-0.45	-0.41	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-47-10	4/21/2016	1145	-0.35	-0.32	0.0	0	0.6	20.2	0.4	0.0	0.0	0.0	
VMP-47-10	5/19/2016	1025	-0.46	-0.45	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	
VMP-47-10	6/22/2016	0915	-0.34	-0.33	0.0	0	0.5	20.2	0.3	0.0	0.0	0.0	
VMP-47-10	7/20/2016	1540	-0.28	-0.29	0.0	0	0.7	20.3	0.4	0.0	0.0	0.0	
VMP-47-10-Dup	7/20/2016	1540	-0.28	-0.29	0.0	0	0.7	20.2	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-47-10	8/25/2016	0958	-0.41	-0.37	0.0	0	0.6	20.3	0.1	0.0	0.0	0.0	
VMP-47-10	9/22/2016	1018	-0.25	-0.31	0.0	0	0.9	20.2	0.0	0.0	0.0	0.0	
VMP-47-10	10/21/2016	1116	-0.33	-0.27	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	
VMP-47-10	11/17/2016	1036	-0.21	-0.18	0.0	0	0.5	20.5	0.1	0.0	0.0	0.0	
VMP-47-10	12/22/2016	0838	-0.35	-0.33	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-47-20	3/21/2013	1242	0.13	0.41	4.1	80	12.2	1.0	57.8	4800	3250	1550	Initial monthly sample after installation.
VMP-47-20	4/24/2013	1545	-0.18	-0.07	0.3	6	12.7	1.4	40.2	311	160	151	

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Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-47-20	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-47-20	6/25/2013	1013	-0.08	0.14	87.6	OVR	10.9	0.6	135	65900	41700	24200	
VMP-47-20	7/26/2013	0857	0.00	0.05	27.1	OVR	12.2	0.5	44.3	42700	38200	4500	
VMP-47-20	8/29/2013	953	-0.07	-0.05	4.7	94	14.0	0.9	28.7	17400	11900	5500	
VMP-47-20	9/26/2013	0851	-0.28	-0.36	0.2	4	15.7	1.6	4.4	1400	1250	150	
VMP-47-20	10/23/2013	1338	0.10	0.00	1.1	22	14.7	0.9	21.0	7780	7300	480	
VMP-47-20	11/21/2013	0920	-2.10	-1.20	0.0	0	1.5	18.5	0.3	0.2	0.0	0.2	
VMP-47-20	12/19/2013	0946	-1.20	-0.75	0.0	0	1.4	19.8	0.2	0.1	0.0	0.1	
VMP-47-20	1/30/2014	1513	-0.99	-1.16	0.0	0	0.9	20.5	0.8	1.16	0.0	1.16	
VMP-47-20	2/20/2014	0916	-0.18	0.12	0.0	0	0.7	20.2	0.8	0.51	0.0	0.51	
VMP-47-20	3/19/2014	1323	-1.59	-1.50	0.0	0	0.7	20.6	0.8	0.07	0.0	0.07	
VMP-47-20	4/23/2014	1451	-0.93	-0.88	0.0	0	0.9	20.0	1.0	1.49	0.0	1.49	
VMP-47-20	5/22/2014	1051	-2.07	-1.98	0.0	0	1.1	20.1	0.8	1.2	0.0	1.2	
VMP-47-20	6/18/2014	0952	-1.62	-1.30	0.0	0	1.3	19.7	1.5	0.78	0.0	0.78	
VMP-47-20	7/24/2014	0944	-2.05	-2.06	0.0	0	1.3	19.8	1.2	0.85	0.0	0.85	
VMP-47-20	8/21/2014	0845	-2.26	-2.15	0.0	0	1.3	19.7	1.5	1.52	0.0	1.52	
VMP-47-20	9/18/2014	0948	-2.53	-2.26	0.0	0	1.2	20.1	1.3	0.42	0.0	0.42	
VMP-47-20	10/23/2014	1046	-2.31	-2.28	0.0	0	0.8	20.2	1.3	0.38	0.0	0.38	
VMP-47-20-Dup	10/23/2014	1048	NM	NM	0.0	0	0.8	20.2	1.6	0.48	0.0	0.48	Duplicate sample.
VMP-47-20	11/19/2014	0953	-2.44	-2.09	0.0	0	0.5	20.6	1.1	0.32	0.0	0.32	
VMP-47-20	12/18/2014	1201	-1.16	-1.17	0.0	0	0.5	20.6	1.8	0.46	0.0	0.46	
VMP-47-20	1/29/2015	0906	-3.05	-2.81	0.0	0	0.3	20.7	0.6	0.1	0.0	0.1	
VMP-47-20	2/27/2015	0940	-0.20	-2.22	0.0	0	0.2	20.8	0.4	0.5	0.0	0.5	
VMP-47-20	3/26/2015	1317	-2.17	-2.19	0.0	0	0.3	20.8	1.3	0.7	0.0	0.7	
VMP-47-20	4/23/2015	1309	-1.97	-1.90	0.0	0	0.5	20.3	1.0	1.0	0.0	1.0	
VMP-47-20	5/21/2015	1234	-2.67	-2.34	0.0	0	0.6	20.4	0.4	1.9	0.0	1.9	
VMP-47-20	6/18/2015	0828	-1.98	-2.35	0.0	0	1.1	19.9	0.4	0.0	0.0	0.0	
VMP-47-20	7/23/2015	1355	-2.43	-2.36	0.0	0	1.2	19.9	0.6	0.8	0.0	0.8	
VMP-47-20	8/20/2015	0959	-2.99	-2.93	0.0	0	1.3	20.0	0.4	0.3	0.0	0.3	
VMP-47-20	9/17/2015	1020	-2.88	-2.70	0.0	0	0.7	20.3	0.5	0.0	0.0	0.0	
VMP-47-20	10/22/2015	0925	-3.24	-3.02	0.0	0	0.4	20.5	0.5	0.0	0.0	0.0	
VMP-47-20	11/24/2015	1430	-2.76	-2.86	0.0	0	0.4	20.7	0.0	0	0.0	0.0	
VMP-47-20	12/17/2015	1222	-0.25	-0.18	0.0	0	0.4	20.7	0.2	0	0.0	0.0	
VMP-47-20	1/21/2016	1125	-1.34	-1.38	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-47-20	2/18/2016	1509	-2.31	-2.33	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-47-20	3/23/2016	0950	-3.35	--3.15	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-47-20	4/21/2016	1150	-2.64	-2.62	0.0	0	0.5	20.3	0.4	0.0	0.0	0.0	
VMP-47-20	5/19/2016	1030	-3.52	-3.50	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	

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Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-47-20	6/22/2016	0920	-3.46	-3.34	0.0	0	0.5	20.4	0.5	0.0	0.0	0.0	
VMP-47-20	7/20/2016	1547	-2.48	-2.48	0.0	0	0.9	20.0	0.7	0.0	0.0	0.0	
VMP-47-20	8/25/2016	0959	-4.83	-4.73	0.0	0	0.8	20.1	0.1	0.0	0.0	0.0	
VMP-47-20-Dup	8/25/2016	0959	NM	NM	0.0	0	0.8	20.1	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-47-20	9/22/2016	1019	-3.94	-3.93	0.0	0	1.0	19.9	0.0	0.0	0.0	0.0	
VMP-47-20	10/21/2016	1117	-1.74	-1.53	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-47-20-Dup	10/21/2016	1117	NM	NM	0.0	0	0.6	20.3	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-47-20	11/17/2016	1037	-2.84	-2.75	0.0	0	0.5	20.4	0.2	0.0	0.0	0.0	
VMP-47-20	12/22/2016	0841	-3.35	-3.28	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-47-30	3/21/2013	1246	0.18	0.55	4.9	99	12.2	0.8	37.5	12200	10200	2000	Initial monthly sample after installation.
VMP-47-30	4/24/2013	1550	-0.23	-0.08	0.0	1	11.1	5.0	36.8	146	44.2	102	
VMP-47-30	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	VMP not sampled due to pending re-install.
VMP-47-30	6/25/2013	1014	-0.09	0.16	OVR	OVR	9.5	0.6	115	130000	84100	45900	
VMP-47-30	7/26/2013	0903	-0.04	0.07	OVR	OVR	9.6	0.4	62.2	148000	102000	46000	
VMP-47-30	8/29/2013	958	-0.10	-0.08	OVR	OVR	9.4	0.9	50.25	112000	80700	31300	
VMP-47-30	9/26/2013	0856	-0.41	-0.47	43.7	OVR	11.2	0.8	86.7	72400	67600	4800	
VMP-47-30	10/23/2013	1342	0.18	0.00	25.7	OVR	11.7	0.7	53.0	60300	56000	4300	
VMP-47-30	11/21/2013	0924	-2.10	-1.74	0.0	0	2.3	16.8	0.4	0.4	0.0	0.4	
VMP-47-30	12/19/2013	0950	-1.73	-1.08	0.0	0	2.5	17.7	0.4	0.2	0.0	0.2	
VMP-47-30	1/30/2014	1515	-1.44	-1.69	0.0	0	2.1	18.7	0.8	2.28	0.0	2.28	
VMP-47-30	2/20/2014	0918	-0.28	0.14	0.0	0	1.9	19.0	1.1	0.5	0.0	0.5	
VMP-47-30	3/19/2014	1325	-2.32	-2.19	0.0	0	1.0	20.3	0.9	0.15	0.0	0.15	
VMP-47-30	4/23/2014	1455	-1.33	-1.24	0.0	0	1.1	19.9	1.1	1.25	0.0	1.25	
VMP-47-30	5/22/2014	1054	-2.88	-2.77	0.0	0	1.0	20.2	0.8	1.45	0.0	1.45	
VMP-47-30	6/18/2014	0954	-2.26	-1.82	0.0	0	1.3	19.7	1.5	0.82	0.0	0.82	
VMP-47-30	7/24/2014	0948	-2.83	-2.83	0.0	0	1.6	19.4	1.5	1.28	0.0	1.28	
VMP-47-30	8/21/2014	0851	-3.06	-2.95	0.0	0	1.8	19.8	1.6	0.58	0.0	0.58	
VMP-47-30	9/18/2014	0953	-3.44	-3.10	0.0	0	1.9	19.4	1.8	0.59	0.0	0.59	
VMP-47-30	10/23/2014	1047	-3.19	-3.15	0.0	0	1.2	19.9	1.6	0.69	0.0	0.69	
VMP-47-30	11/19/2014	0953	-3.43	-2.94	0.0	0	1.1	20.2	0.9	0.44	0.0	0.44	
VMP-47-30	12/18/2014	1206	-1.67	-1.67	0.0	0	1.0	20.2	1.8	0.19	0.0	0.19	
VMP-47-30	1/29/2015	0911	-4.25	-3.88	0.0	0	0.4	20.6	0.9	0.8	0.0	0.8	
VMP-47-30	2/27/2015	0940	-0.73	-3.07	0.0	0	0.4	20.6	0.5	0.2	0.0	0.2	
VMP-47-30	3/26/2015	1320	-3.01	-2.90	0.0	0	0.4	20.5	1.0	0.6	0.0	0.6	
VMP-47-30	4/23/2015	1310	-2.72	-2.61	0.0	0	0.6	20.2	1.2	1.2	0.0	1.2	
VMP-47-30	5/21/2015	1238	-3.56	-3.14	0.0	0	0.6	20.3	0.4	3.1	0.0	3.1	
VMP-47-30	6/18/2015	0833	-2.66	-3.18	0.0	0	1.0	19.9	0.4	0.0	0.0	0.0	
VMP-47-30	7/23/2015	1400	-3.25	-3.15	0.0	0	1.1	19.8	0.5	0.6	0.0	0.6	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-47-30	8/20/2015	1004	-4.01	-3.93	0.0	0	1.8	19.4	0.3	0.0	0.0	0.0	
VMP-47-30	9/17/2015	1025	-3.62	-3.66	0.0	0	1.5	19.6	0.6	0.0	0.0	0.0	
VMP-47-30	10/22/2015	0930	-4.40	-4.12	0.0	0	1.0	20.0	0.5	0	0.0	0.0	
VMP-47-30	11/24/2015	1435	-3.76	-3.88	0.0	0	0.9	20.2	0.1	0	0.0	0.0	
VMP-47-30	12/17/2015	1223	-0.37	-0.27	0.0	0	0.9	20.3	0.3	0	0.0	0.0	
VMP-47-30	1/21/2016	1130	-1.85	-1.83	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-47-30	2/18/2016	1513	-3.17	-3.15	0.0	0	0.4	20.5	0.1	0.0	0.0	0.0	
VMP-47-30	3/23/2016	0955	-4.48	-4.20	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-47-30	4/21/2016	1155	-3.52	-3.53	0.0	0	0.9	19.9	0.4	0.0	0.0	0.0	
VMP-47-30	5/19/2016	1035	-4.65	-4.60	0.0	0	0.5	20.3	0.4	0.0	0.0	0.0	
VMP-47-30	6/22/2016	0925	-4.63	-4.47	0.0	0	0.8	19.9	0.3	0.0	0.0	0.0	
VMP-47-30-Dup	6/22/2016	0925	NM	NM	0.0	0	0.8	19.9	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-47-30	7/20/2016	1552	-3.31	-3.31	0.0	0	1.2	19.5	0.3	0.0	0.0	0.0	
VMP-47-30	8/25/2016	1000	-6.56	-6.45	0.0	0	1.0	20.1	0.0	0.0	0.0	0.0	
VMP-47-30	9/22/2016	1020	-5.43	-5.42	0.0	0	1.5	19.6	0.0	0.0	0.0	0.0	
VMP-47-30	10/21/2016	1118	-1.94	-1.70	0.0	0	1.3	19.8	0.0	0.0	0.0	0.0	
VMP-47-30	11/17/2016	1038	-3.95	-3.80	0.0	0	1.1	19.9	0.4	0.0	0.0	0.0	
VMP-47-30	12/22/2016	0844	-4.63	-4.52	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	
VMP-48-5	2/26/2013	1339	0.00	-0.01	0.0	0	0.1	20.2	0.2	4.5	0.0	4.5	Initial monthly sample after installation.
VMP-48-5	3/21/2013	1447	0.00	0.00	0.0	0	0.4	20.3	0.3	2.9	0.0	2.9	
VMP-48-5	4/24/2013	1508	0.00	0.00	0.0	0	0.8	17.9	0.6	1.6	0.0	1.6	
VMP-48-5	5/23/2013	1111	0.00	0.00	0.0	0	3.2	15.3	0.4	0.0	0.0	0.0	
VMP-48-5	6/26/2013	1122	0.00	0.00	0.0	0	6.4	9.1	0.5	0.0	0.0	0.0	
VMP-48-5	7/25/2013	0823	0.00	0.04	0.0	0	8.4	13.7	0.8	1.6	0.0	1.6	
VMP-48-5	8/29/2013	1105	0.00	0.00	0.0	0	6.2	15.2	0.6	0.9	0.0	0.9	
VMP-48-5	9/26/2013	1421	-0.02	-0.01	0.0	0	3.3	18.4	0.6	1.4	0.0	1.4	
VMP-48-5	10/23/2013	1425	0.00	0.00	0.0	0	2.1	19.4	0.6	0.9	0.0	0.9	
VMP-48-5	11/20/2013	1543	0.00	0.00	0.0	0	1.9	18.5	0.5	2.7	0.0	2.7	
VMP-48-5	12/19/2013	1032	0.00	-3.15	0.0	0	0.8	19.6	0.4	3.9	0.0	3.9	Melt water observed in well during final vacuum measurement.
VMP-48-5	1/30/2014	1628	-0.30	-0.06	0.0	0	0.6	20.7	0.6	5.65	4.6	1.07	
VMP-48-5	2/25/2014	1406	-2.40	-0.60	0.0	0	0.5	20.5	0.8	1.89	0.0	1.89	
VMP-48-5	3/19/2014	1502	0.00	0.00	0.0	0	0.6	20.6	0.5	1.45	0.0	1.45	
VMP-48-5	4/23/2014	1540	0.00	0.00	0.0	0	1.4	18.9	1.2	1.81	0.0	1.81	
VMP-48-5	5/22/2014	1316	0.00	0.00	0.0	0	2.9	17.5	0.9	0.61	0.0	0.61	
VMP-48-5	6/19/2014	0922	0.00	0.00	0.0	0	4.9	14.5	1.7	1.55	0.0	1.55	
VMP-48-5	7/24/2014	0958	0.00	0.00	0.0	0	5.5	16.3	1.5	1.09	0.0	1.09	
VMP-48-5	8/21/2014	0945	0.00	0.00	0.0	0	3.8	14.7	1.9	0.56	0.0	0.56	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-48-5	9/18/2014	0844	0.00	-0.03	0.0	0	4.2	16.5	1.5	0.9	0.0	0.9	
VMP-48-5	10/23/2014	1426	0.00	0.00	0.0	0	2.8	19.1	0.8	1.27	0.0	1.27	
VMP-48-5	11/19/2014	1049	-0.07	-0.13	0.0	0	1.4	20.1	1.1	1.62	0.0	1.62	
VMP-48-5	12/18/2014	1424	0.00	0.00	0.0	0	0.9	20.0	1.4	0.91	0.0	0.91	
VMP-48-5	1/29/2015	1035	0.00	0.00	0.0	0	0.5	20.4	1.3	1.1	0.0	1.1	
VMP-48-5	2/26/2015	1433	0.00	0.00	0.0	0	0.5	20.6	0.7	2.6	0.0	2.6	
VMP-48-5	3/27/2015	1122	0.00	0.00	0.0	0	0.5	19.7	0.6	0.9	0.0	0.9	
VMP-48-5	4/23/2015	1123	0.00	0.00	0.0	0	1.7	18.2	1.3	1.3	0.0	1.3	
VMP-48-5-Dup	4/23/2015	1123	NM	NM	0.0	0	1.7	18.2	1.2	1.0	0.0	1.0	Duplicate sample.
VMP-48-5	5/21/2015	1246	0.00	-0.27	0.0	0	3.2	16.5	0.8	1.3	0.0	1.3	
VMP-48-5	6/18/2015	0952	0.00	0.00	0.0	0	4.9	13.2	0.5	0.7	0.0	0.7	
VMP-48-5	7/23/2015	1055	0.00	0.12	0.0	0	6.5	15.4	0.3	0.0	0.0	0.0	
VMP-48-5	8/20/2015	1328	0.00	0.0	0.0	0	5.4	15.0	0.2	0.0	0.0	0.0	
VMP-48-5	9/17/2015	1136	-0.39	-0.10	0.0	0	3.7	18.0	0.7	0.0	0.0	0.0	
VMP-48-5	10/22/2015	1105	0.00	0.00	0.0	0	1.4	19.9	0.6	0.6	0.0	0.6	
VMP-48-5	11/24/2015	1445	-0.35	-0.34	0.0	0	0.7	20.1	0.5	0.3	0.0	0.3	
VMP-48-5	12/17/2015	1332	0.00	0.00	0.0	0	0.6	20.2	0.2	0	0.0	0.0	
VMP-48-5	1/21/2016	1300	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-48-5	2/18/2016	0938	0.00	0.00	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-48-5	3/23/2016	1335	0.00	0.00	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-48-5	4/20/2016	0955	-0.01	-0.04	0.0	0	1.1	19.2	0.4	0.0	0.0	0.0	
VMP-48-5	5/19/2016	1305	0.00	0.00	0.0	0	2.6	17.5	0.8	0.0	0.0	0.0	
VMP-48-5	6/22/2016	1015	0.09	0.00	0.0	0	4.2	16.1	0.6	0.0	0.0	0.0	
VMP-48-5	7/21/2016	1538	0.78	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-48-5	8/25/2016	1117	0.00	0.0	0.0	0	5.7	15.1	0.3	0.0	0.0	0.0	
VMP-48-5	9/22/2016	1109	0.00	0.00	0.0	0	5.1	14.5	0.0	0.0	0.0	0.0	
VMP-48-5	10/21/2016	1315	-0.13	-0.15	0.0	0	1.7	19.0	0.1	0.0	0.0	0.0	
VMP-48-5	11/17/2016	1300	0.00	0.00	0.0	0	2.1	19.0	0.3	0.0	0.0	0.0	
VMP-48-5	12/22/2016	1048	0.00	0.00	0.0	0	2.2	20.1	0.0	0.0	0.0	0.0	
VMP-48-10	2/26/2013	1343	-0.03	-0.05	0.0	0	2.4	18.4	0.1	0.5	0.0	0.5	Initial monthly sample after installation.
VMP-48-10	3/21/2013	1449	-0.04	0.00	0.0	0	1.8	19.2	0.2	0.7	0.0	0.7	
VMP-48-10	4/24/2013	1513	-0.04	-0.02	0.0	0	1.2	18.2	0.6	0.8	0.0	0.8	
VMP-48-10	5/23/2013	1112	-0.07	-0.09	0.0	0	2.9	16.1	0.4	0.7	0.0	0.7	
VMP-48-10	6/26/2013	1126	0.00	0.08	0.0	0	4.0	15.8	0.4	0.7	0.0	0.7	
VMP-48-10	7/25/2013	0828	-0.08	0.00	0.0	0	6.6	13.7	0.8	0.2	0.0	0.2	
VMP-48-10	8/29/2013	1110	0.00	0.00	0.0	0	6.5	15.2	0.8	0.7	0.0	0.7	
VMP-48-10	9/26/2013	1424	-0.03	-0.03	0.0	0	5.4	16.8	0.7	0.7	0.0	0.7	
VMP-48-10	10/23/2013	1429	-0.10	-0.08	0.0	0	3.7	18.3	0.7	0.8	0.0	0.8	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-48-10	11/20/2013	1546	0.00	0.00	0.0	0	2.2	18.9	0.6	1.2	0.0	1.2	
VMP-48-10	12/19/2013	1036	-0.05	-0.32	0.0	0	2.2	19.1	0.4	0.9	0.0	0.9	
VMP-48-10	1/30/2014	1625	-0.32	-0.18	0.0	0	1.4	20.1	0.7	2.18	0.0	2.18	
VMP-48-10	2/25/2014	1409	0.00	0.00	0.0	0	1.6	20.2	0.8	2.5	0.0	2.5	
VMP-48-10	3/19/2014	1503	-0.23	-0.17	0.0	0	0.8	20.5	0.7	1.33	0.0	1.33	
VMP-48-10	4/23/2014	1544	0.00	0.00	0.0	0	1.3	19.1	1.2	2.09	0.0	2.09	
VMP-48-10	5/22/2014	1319	-0.09	-0.09	0.0	0	2.4	18.2	0.7	0.93	0.0	0.93	
VMP-48-10	6/19/2014	0926	-0.07	-0.09	0.0	0	3.9	16.1	3.8	2.26	0.0	2.26	
VMP-48-10	7/24/2014	1003	-0.06	0.00	0.0	0	4.8	17.2	1.8	1.28	0.0	1.28	
VMP-48-10	8/21/2014	0946	-0.08	0.00	0.0	0	2.9	18.2	1.4	1.56	0.0	1.56	
VMP-48-10	9/18/2014	0845	-0.13	-0.12	0.0	0	3.7	17.1	2.1	1.02	0.0	1.02	
VMP-48-10	10/23/2014	1427	0.00	0.00	0.0	0	2.9	18.8	0.8	0.71	0.0	0.71	
VMP-48-10	11/19/2014	1049	0.00	0.00	0.0	0	2.2	19.4	1.3	0.85	0.0	0.85	
VMP-48-10	12/18/2014	1429	0.00	-0.29	0.0	0	1.4	19.7	1.7	0.99	0.0	0.99	
VMP-48-10	1/29/2015	1035	0.00	-0.25	0.0	0	0.9	20.4	1.3	1.0	0.0	1.0	
VMP-48-10	2/26/2015	1438	-1.10	-0.24	0.0	0	0.7	20.3	1.4	1.1	0.0	1.1	
VMP-48-10	3/27/2015	1122	0.00	-0.39	0.0	0	0.5	20.0	0.7	0.5	0.0	0.5	
VMP-48-10	4/23/2015	1124	0.00	0.00	0.0	0	1.4	18.5	1.0	1.3	0.0	1.3	
VMP-48-10	5/21/2015	1250	-0.10	-0.42	0.0	0	2.5	17.3	0.9	1.4	0.0	1.4	
VMP-48-10	6/18/2015	0957	0.00	0.00	0.0	0	3.4	15.5	0.6	1.1	0.0	1.1	
VMP-48-10	7/23/2015	1100	0.00	0.00	0.0	0	5.9	16.0	0.3	0.0	0.0	0.0	
VMP-48-10	8/20/2015	1333	-0.16	0.00	0.0	0	4.4	16.6	0.2	0.0	0.0	0.0	
VMP-48-10	9/17/2015	1143	0.00	-0.14	0.0	0	3.8	17.8	0.6	0.0	0.0	0.0	
VMP-48-10	10/22/2015	1110	-0.09	0.00	0.0	0	1.9	19.3	0.5	0.4	0.0	0.4	
VMP-48-10	11/24/2015	1450	-0.10	-0.12	0.0	0	1.1	19.9	0.6	0.1	0.0	0.1	
VMP-48-10	12/17/2015	1333	0.00	0.00	0.0	0	0.9	19.9	0.2	0	0.0	0.0	
VMP-48-10-Dup	12/17/2015	1338	NM	NM	0.0	0	1.2	19.7	0.2	0	0.0	0.0	Duplicate sample.
VMP-48-10	1/21/2016	1305	-0.17	-0.30	0.0	0	0.7	20.3	0.2	0.0	0.0	0.0	
VMP-48-10	2/18/2016	943	-0.22	-0.25	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-48-10	3/23/2016	1340	0.00	0.00	0.0	0	0.5	20.3	0.4	0.0	0.0	0.0	
VMP-48-10	4/20/2016	1000	-0.08	-0.10	0.0	0	0.8	19.2	0.3	0.0	0.0	0.0	
VMP-48-10	5/19/2016	1310	-0.18	-0.16	0.0	0	2.2	18.2	0.4	0.0	0.0	0.0	
VMP-48-10	6/22/2016	1020	0.00	0.00	0.0	0	2.4	18.0	0.7	0.0	0.0	0.0	
VMP-48-10	7/21/2016	1540	0.00	0.00	0.0	0	3.0	16.8	0.4	0.0	0.0	0.0	
VMP-48-10	8/25/2016	1118	0.00	0.0	0.0	0	5.1	15.0	0.1	0.0	0.0	0.0	
VMP-48-10	9/22/2016	1110	0.00	0.00	0.0	0	5.1	14.6	0.0	0.0	0.0	0.0	
VMP-48-10	10/21/2016	1316	-0.12	-0.16	0.0	0	4.4	15.9	0.3	0.0	0.0	0.0	
VMP-48-10	11/17/2016	1301	0.00	0.00	0.0	0	4.8	15.7	0.2	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-48-10	12/22/2016	1050	-0.11	-0.12	0.0	0	4.1	17.8	0.0	0.0	0.0	0.0	
VMP-48-20	2/26/2013	1345	-0.03	-0.72	0.0	0	4.1	17.9	0.2	1.2	0.0	1.2	Initial monthly sample after installation.
VMP-48-20	3/21/2013	1454	0.00	0.00	0.0	0	3.4	18.6	0.2	0.2	0.0	0.2	
VMP-48-20	4/24/2013	1518	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-48-20	5/23/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-48-20	6/26/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-48-20	7/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-48-20	8/29/2013	1114	0.00	0.00	0.0	0	4.0	15.3	0.7	0.5	0.0	0.5	
VMP-48-20	9/26/2013	1426	-0.06	-0.04	0.0	0	5.5	15.7	0.6	0.4	0.0	0.4	
VMP-48-20	10/23/2013	1433	-0.14	-0.10	0.0	0	5.5	16.1	0.9	0.1	0.0	0.1	
VMP-48-20	11/20/2013	1550	0.00	0.00	0.0	0	4.8	17.7	0.5	0.7	0.0	0.7	
VMP-48-20	12/19/2013	1040	-0.06	-0.03	0.0	0	3.7	18.2	0.4	0.4	0.0	0.4	
VMP-48-20	1/30/2014	1626	-0.14	-0.10	0.0	0	2.4	19.6	0.6	1.62	0.0	1.62	
VMP-48-20	2/25/2014	1412	0.00	0.00	0.0	0	3.0	19.6	0.5	1.81	0.0	1.81	
VMP-48-20	3/19/2014	1504	-0.14	-0.12	0.0	0	2.1	19.9	0.8	1.32	0.0	1.32	
VMP-48-20	4/23/2014	1548	0.00	-0.05	0.0	0	1.8	19.6	1.2	1.39	0.0	1.39	
VMP-48-20	5/22/2014	1322	-0.10	-0.10	0.0	0	1.7	19.4	0.7	0.55	0.0	0.55	
VMP-48-20	6/19/2014	928	0.29	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-48-20	7/24/2014	1008	-0.07	0.00	0.0	0	2.6	17.4	1.3	1.34	0.0	1.34	
VMP-48-20	8/21/2014	946	-0.09	0.00	0.0	0	3.4	17.2	1.6	1.73	0.0	1.73	
VMP-48-20-Dup	8/21/2014	0948	NM	NM	0.0	0	3.3	17.2	1.9	1.27	0.0	1.27	Duplicate Sample.
VMP-48-20	9/18/2014	0846	-0.15	-0.16	0.0	0	3.8	16.6	2.2	1.45	0.0	1.45	
VMP-48-20	10/23/2014	1428	-0.05	0.00	0.0	0	4.5	17.1	1.1	0.98	0.0	0.98	
VMP-48-20	11/19/2014	1050	0.00	0.00	0.0	0	4.4	17.5	1.4	0.42	0.0	0.42	
VMP-48-20	12/18/2014	1434	0.00	-0.09	0.0	0	3.5	18.6	1.8	0.18	0.0	0.18	
VMP-48-20-Dup	12/18/2014	0000	NM	NM	0.0	0	3.6	18.6	1.6	0.3	0.0	0.3	Duplicate sample.
VMP-48-20	1/29/2015	1035	-0.83	-0.11	0.0	0	2.6	19.3	1.4	0.3	0.0	0.3	
VMP-48-20	2/26/2015	1442	-0.09	-0.09	0.0	0	2.2	19.8	0.9	0.2	0.0	0.2	
VMP-48-20	3/27/2015	1123	0.00	0.00	0.0	0	1.8	20.0	0.7	0.3	0.0	0.3	
VMP-48-20	4/23/2015	1125	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	5/21/2015	1254	-2.15	-0.79	0.0	0	1.6	18.9	0.8	1.2	0.0	1.2	
VMP-48-20	6/18/2015	1002	0.00	0.00	0.0	0	1.8	18.3	0.5	0.3	0.0	0.3	
VMP-48-20	7/23/2015	1105	-2.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	8/20/2015	1338	-0.59	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	9/17/2015	1148	0.00	-0.14	0.0	0	3.9	16.7	0.9	0.0	0.0	0.0	
VMP-48-20	10/22/2015	1115	-0.10	0.00	0.0	0	4.3	17.9	0.4	0.0	0.0	0.0	
VMP-48-20	11/24/2015	1455	-0.11	-0.15	0.0	0	3.4	18.6	0.6	0.0	0.0	0.0	
VMP-48-20	12/17/2015	1334	0.00	0.00	0.0	0	2.9	19.0	0.2	0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-48-20	1/21/2016	1310	-0.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	2/18/2016	948	-0.12	0.00	0.0	0	2.1	19.6	0.4	0.0	0.0	0.0	
VMP-48-20	3/23/2016	1345	0.00	0.00	0.0	0	1.5	19.8	0.3	0.0	0.0	0.0	
VMP-48-20	4/20/2016	1005	-0.08	-0.11	0.0	0	1.4	19.8	0.3	0.0	0.0	0.0	
VMP-48-20	5/19/2016	1315	-0.20	-0.17	0.0	0	1.6	19.1	0.3	0.0	0.0	0.0	
VMP-48-20	6/22/2016	1025	0.16	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	7/21/2016	1543	0.00	-0.38	0.0	0	2.2	17.7	0.0	0.0	0.0	0.0	
VMP-48-20	8/25/2016	1119	0.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	9/22/2016	1112	0.24	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	10/21/2016	1317	-0.17	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-48-20	11/17/2016	1302	0.34	-0.13	0.0	0	4.8	15.3	0.2	0.0	0.0	0.0	
VMP-48-20	12/22/2016	1052	-0.12	0.00	0.0	0	5.1	15.9	0.3	0.0	0.0	0.0	
VMP-48-30	2/26/2013	1347	-0.17	-0.30	0.0	0	11.2	1.3	2.3	26.0	0.0	26.0	Initial monthly sample after installation.
VMP-48-30	3/21/2013	1456	0.09	0.05	0.0	0	11.1	1.9	1.9	13.8	0.0	13.8	
VMP-48-30	4/24/2013	1523	-0.43	-0.30	0.0	0	11.4	3.0	1.7	8.2	2.8	5.4	
VMP-48-30	5/23/2013	1114	-0.56	-0.68	0.0	0	10.8	5.1	1.3	4.3	0.0	4.3	
VMP-48-30	6/26/2013	1130	-0.16	0.33	0.0	0	9.9	7.3	1.1	9.9	0.6	9.3	
VMP-48-30	7/25/2013	0834	-0.49	-0.32	0.0	0	9.6	8.3	1.0	4.5	0.0	4.5	
VMP-48-30	8/29/2013	1118	-0.26	-0.20	0.0	0	8.5	10.3	0.8	1.2	0.0	1.2	
VMP-48-30	9/26/2013	1429	-0.29	-0.27	0.0	0	8.3	11.0	0.8	1.3	0.0	1.3	
VMP-48-30	10/23/2013	1437	-1.00	-0.99	0.0	0	7.5	11.7	0.8	1.4	0.0	1.4	
VMP-48-30	11/20/2013	1554	-0.39	-0.19	0.0	0	6.8	13.1	0.6	1.4	0.0	1.4	
VMP-48-30	12/19/2013	1044	-0.66	-0.28	0.0	0	7.4	13.0	0.5	1.9	0.0	1.9	
VMP-48-30	1/30/2014	1627	-0.80	-0.73	0.0	0	7.2	14.8	0.7	1.9	0.0	1.9	
VMP-48-30	2/25/2014	1415	-0.05	-0.23	0.0	0	7.1	16.9	0.7	1.85	0.0	1.85	
VMP-48-30	3/19/2014	1505	-1.13	-0.93	0.0	0	6.5	17.0	1.0	0.96	0.0	0.96	
VMP-48-30	4/23/2014	1552	-0.46	-0.47	0.0	0	5.5	17.6	1.0	1.75	0.0	1.75	
VMP-48-30	5/22/2014	1325	-0.72	-0.69	0.0	0	4.5	18.3	0.8	0.59	0.0	0.59	
VMP-48-30	6/19/2014	0930	-0.86	-0.74	0.0	0	3.7	18.1	1.4	1.11	0.0	1.11	
VMP-48-30	7/24/2014	1013	-0.79	-0.65	0.0	0	3.6	17.1	0.9	1.16	0.0	1.16	
VMP-48-30	8/21/2014	947	-0.84	-0.82	0.0	0	0.7	16.4	1.9	0.46	0.0	0.46	
VMP-48-30	9/18/2014	0847	-1.22	-1.18	0.0	0	3.6	16.6	2.2	1.37	0.0	1.37	
VMP-48-30	10/23/2014	1429	-0.48	-0.42	0.0	0	5.5	15.7	1.2	0.79	0.0	0.79	
VMP-48-30	11/19/2014	1051	-0.75	-0.57	0.0	0	6.2	15.1	1.2	0.44	0.0	0.44	
VMP-48-30	12/18/2014	1444	-0.41	-0.56	0.0	0	6.7	15.6	1.9	0.23	0.0	0.23	
VMP-48-30	1/29/2015	1035	-1.44	-1.26	0.0	0	5.9	16.9	1.4	0.5	0.0	0.5	
VMP-48-30	2/26/2015	1447	-1.14	-1.20	0.0	0	5.3	17.8	1.0	0.0	0.0	0.0	
VMP-48-30	3/27/2015	1123	-1.11	-1.04	0.0	0	4.6	18.5	0.8	0.3	0.0	0.3	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-48-30	4/23/2015	1126	-1.10	-0.73	0.0	0	3.8	18.6	1.1	0.9	0.0	0.9	
VMP-48-30	5/21/2015	1258	-1.13	-1.33	0.0	0	3.0	18.5	0.9	1.1	0.0	1.1	
VMP-48-30	6/18/2015	1007	-1.02	-0.82	0.0	0	3.2	17.8	0.6	0.0	0.0	0.0	
VMP-48-30	7/23/2015	1105	-1.11	-1.06	0.0	0	3.5	16.8	0.3	0.0	0.0	0.0	
VMP-48-30	8/20/2015	1343	-0.97	-1.00	0.0	0	3.6	16.4	0.1	0.0	0.0	0.0	
VMP-48-30	9/17/2015	1153	-0.88	-0.88	0.0	0	4.6	15.2	0.5	0.0	0.0	0.0	
VMP-48-30	10/22/2015	1120	-1.09	-1.12	0.0	0	5.3	15.6	0.2	0.0	0.0	0.0	
VMP-48-30-Dup	10/22/2015	1120	NM	NM	0.0	0	5.6	15.5	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-48-30	11/24/2015	1500	-0.94	-1.08	0.0	0	5.5	16.6	0.2	0	0.0	0.0	
VMP-48-30	12/17/2015	1335	0.00	-0.15	0.0	0	5.5	17.0	0.2	0	0.0	0.0	
VMP-48-30	1/21/2016	1315	-0.36	-0.39	0.0	0	4.9	17.5	0.4	0.0	0.0	0.0	
VMP-48-30	2/18/2016	953	-1.22	-0.86	0.0	0	4.3	18.0	0.3	0.3	0.0	0.3	
VMP-48-30	3/23/2016	1350	-0.79	-0.76	0.0	0	3.6	18.5	0.5	0.2	0.0	0.2	
VMP-48-30-Dup	3/23/2016	1350	NM	NM	0.0	0	3.8	18.5	0.5	0.4	0.0	0.4	Duplicate sample.
VMP-48-30	4/20/2016	1010	-0.53	-0.46	0.0	0	1.2	20.0	0.4	0.0	0.0	0.0	
VMP-48-30	5/19/2016	1320	-1.29	-1.33	0.0	0	2.8	18.8	0.8	0.0	0.0	0.0	
VMP-48-30-Dup	5/19/2016	1320	NM	NM	0.0	0	3.0	18.5	0.8	0.0	0.0	0.0	Duplicate sample.
VMP-48-30	6/22/2016	1030	0.00	-0.17	0.0	0	2.9	17.5	0.4	0.0	0.0	0.0	
VMP-48-30	7/21/2016	1546	0.00	0.0	0.0	0	3.6	17.4	0.3	0.0	0.0	0.0	
VMP-48-30	8/25/2016	1120	-0.52	-0.41	0.0	0	3.7	19.2	0.0	0.0	0.0	0.0	
VMP-48-30	9/22/2016	1115	-0.24	-0.21	0.0	0	4.5	15.9	0.0	0.0	0.0	0.0	
VMP-48-30-Dup	9/22/2016	1115	NM	NM	0.0	0	4.5	16.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-48-30	10/21/2016	1318	-0.09	-0.15	0.0	0	4.8	15.3	0.1	0.0	0.0	0.0	
VMP-48-30	11/17/2016	1303	0.10	0.12	0.0	0	5.2	14.7	0.3	0.0	0.0	0.0	
VMP-48-30	12/22/2016	1056	-0.40	-0.09	0.0	0	5.9	14.3	0.2	0.0	0.0	0.0	
VMP-49-5	2/26/2013	1358	-0.21	-0.23	0.0	0	0.9	20.0	8.3	74.8	18.2	56.6	Initial monthly sample after installation.
VMP-49-5	3/21/2013	1508	-0.02	-0.20	0.0	0	0.4	20.6	0.3	0.2	0.0	0.2	
VMP-49-5	4/24/2013	1642	-0.45	-0.46	0.0	0	0.6	20.3	0.5	0.6	0.0	0.6	
VMP-49-5	5/23/2013	1053	-0.44	-0.53	0.0	0	1.0	19.7	0.5	0.6	0.0	0.6	
VMP-49-5	6/25/2013	1534	-0.25	-0.19	0.0	0	1.5	19.0	0.6	0.1	0.0	0.1	
VMP-49-5	7/25/2013	0955	-0.39	-0.33	0.0	0	1.9	19.1	0.8	0.6	0.0	0.6	
VMP-49-5	8/29/2013	1341	-0.16	-0.13	0.0	0	1.4	19.6	0.8	0.3	0.0	0.3	
VMP-49-5	9/26/2013	1448	-0.43	NM	0.0	0	1.3	20.2	0.7	0.7	0.0	0.7	
VMP-49-5	10/23/2013	1405	-0.53	-0.56	0.0	0	0.7	20.6	1.0	0.2	0.0	0.2	
VMP-49-5	11/20/2013	1510	-0.51	-0.21	0.0	0	0.5	20.6	0.7	0.3	0.0	0.3	
VMP-49-5	12/19/2013	1140	-0.21	-0.14	0.0	0	0.4	20.8	0.2	1.8	0.0	1.8	
VMP-49-5	1/31/2014	0926	-0.50	-0.47	0.0	0	0.3	20.7	0.5	1.58	0.0	1.58	
VMP-49-5	2/25/2014	1533	-0.50	-0.21	0.0	0	0.3	20.9	1.0	1.55	0.0	1.55	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-49-5	3/19/2014	1104	-0.38	-0.38	0.0	0	0.3	20.7	0.9	0.33	0.0	0.33	
VMP-49-5	4/24/2014	1118	-0.66	-0.66	0.0	0	0.4	20.6	0.8	1.29	0.0	1.29	
VMP-49-5	5/22/2014	1412	-0.74	-0.74	0.0	0	0.8	20.4	0.8	0.39	0.0	0.39	
VMP-49-5	6/19/2014	944	-0.73	-0.72	0.0	0	0.9	20.1	8.9	6.28	1.3	5	
VMP-49-5	7/24/2014	1122	-0.54	-0.52	0.0	0	1.3	19.8	2.6	2.24	0.0	2.24	
VMP-49-5	8/21/2014	1109	-0.65	-0.58	0.0	0	1.4	19.6	1.8	0.43	0.0	0.43	
VMP-49-5	9/18/2014	1247	-0.48	-0.49	0.0	0	1.2	20.2	0.6	0.28	0.0	0.28	
VMP-49-5	10/23/2014	1332	-0.63	-0.60	0.0	0	0.8	20.6	1.2	0.99	0.0	0.99	
VMP-49-5	11/19/2014	1417	-1.15	-0.91	0.0	0	0.4	20.6	1.2	0.32	0.0	0.32	
VMP-49-5	12/18/2014	1535	-1.33	-1.35	0.0	0	0.3	20.6	1.1	1.1	0.0	1.1	
VMP-49-5	1/29/2015	1049	-1.47	-1.36	0.0	0	0.2	20.8	1.2	0.4	0.0	0.4	
VMP-49-5	2/26/2015	1501	-1.29	-1.39	0.0	0	0.2	20.9	1.2	0.8	0.0	0.8	
VMP-49-5	3/27/2015	1007	-1.68	-1.62	0.0	0	0.3	20.9	0.7	0.4	0.0	0.4	
VMP-49-5	4/23/2015	1110	-1.37	-1.46	0.0	0	0.5	20.5	0.7	0.7	0.0	0.7	
VMP-49-5	5/21/2015	1410	-1.75	-1.54	0.0	0	0.6	20.3	0.5	1.6	0.0	1.6	
VMP-49-5	6/18/2015	1102	-1.85	-1.84	0.0	0	0.7	20.4	0.4	0.2	0.0	0.2	
VMP-49-5	7/23/2015	1410	-1.60	-1.65	0.0	0	0.8	20.2	0.5	0.8	0.0	0.8	
VMP-49-5	8/20/2015	1415	-1.75	-1.80	0.0	0	0.7	20.4	0.2	0.0	0.0	0.0	
VMP-49-5	9/17/2015	1402	-1.60	-1.52	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-49-5	10/22/2015	1525	-1.27	-1.33	0.0	0	0.3	20.7	0.3	0	0.0	0.0	
VMP-49-5	11/24/2015	1400	-1.70	-1.74	0.0	0	0.3	20.8	0.5	0	0.0	0.0	
VMP-49-5	12/17/2015	1235	0.00	0.00	0.0	0	0.2	20.6	0.3	0	0.0	0.0	
VMP-49-5	1/21/2016	1500	-1.17	-1.15	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-49-5	2/18/2016	1003	-2.10	-1.88	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-49-5	3/23/2016	1450	-1.59	-1.58	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-49-5	4/20/2016	1120	-0.10	-0.03	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	
VMP-49-5	5/19/2016	1415	-2.45	-2.42	0.0	0	0.3	20.7	0.4	0.0	0.0	0.0	
VMP-49-5	6/22/2016	1350	-1.43	-1.46	0.0	0	0.5	20.3	0.3	0.0	0.0	0.0	
VMP-49-5	7/22/2016	0826	-1.61	-1.02	0.0	0	0.7	20.2	0.0	0.0	0.0	0.0	
VMP-49-5	8/25/2016	1408	-2.56	-0.90	0.0	0	0.6	20.0	0.1	0.0	0.0	0.0	
VMP-49-5	9/22/2016	1356	-2.12	-2.16	0.0	0	0.6	20.3	0.3	0.0	0.0	0.0	
VMP-49-5	10/21/2016	1435	-0.92	-0.76	0.0	0	0.5	20.5	0.1	0.0	0.0	0.0	
VMP-49-5-Dup	10/21/2016	1435	NM	NM	0.0	0	0.5	20.5	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-49-5	11/17/2016	1118	-0.59	-0.59	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-49-5	12/22/2016	1333	-1.40	-1.39	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-49-10	2/26/2013	1402	-0.18	-0.20	0.0	0	0.1	20.4	0.2	0.3	0.0	0.3	Initial monthly sample after installation.
VMP-49-10	3/21/2013	1510	-0.17	-0.19	0.0	0	0.5	20.5	0.2	0.9	0.0	0.9	
VMP-49-10	4/24/2013	1647	-0.40	-0.40	0.0	0	1.2	19	0.5	0.9	0.0	0.9	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-49-10	5/23/2013	1054	-0.40	-0.56	0.0	0	2.4	17.3	0.4	1.0	0.0	1.0	
VMP-49-10	6/25/2013	1535	-0.35	-0.18	0.0	0	3.7	15.8	0.6	0.7	0.0	0.7	
VMP-49-10	7/25/2013	0959	-0.39	-0.29	0.0	0	5.8	14.7	0.7	0.9	0.0	0.9	
VMP-49-10	8/29/2013	1345	-0.14	-0.10	0.0	0	3.5	18.0	0.9	1.7	0.0	1.7	
VMP-49-10	9/26/2013	1454	-0.34	NM	0.0	0	2.5	19.2	0.7	2.1	0.0	2.1	
VMP-49-10	10/23/2013	1409	-0.42	-0.44	0.0	0	1.6	19.8	1.0	1.3	0.0	1.3	
VMP-49-10	11/20/2013	1514	-0.52	0.17	0.0	0	0.8	20.3	0.6	1.2	0.0	1.2	
VMP-49-10	12/19/2013	1144	-0.17	-0.12	0.0	0	0.6	20.5	0.1	1.2	0.0	1.2	
VMP-49-10	1/31/2014	0926	-0.57	-0.37	0.0	0	0.4	20.7	0.4	1.67	0.0	1.67	
VMP-49-10	2/25/2014	1536	-0.38	-0.12	0.0	0	0.3	20.9	0.9	1.91	0.0	1.91	
VMP-49-10	3/19/2014	1109	-0.31	-0.34	0.0	0	0.4	20.5	0.9	0.44	0.0	0.44	
VMP-49-10	4/24/2014	1122	-0.56	-0.56	0.0	0	0.9	19.9	0.6	2.18	0.0	2.18	
VMP-49-10	5/22/2014	1415	-0.62	-0.63	0.0	0	1.9	19.2	1.3	1.42	0.0	1.42	
VMP-49-10	6/19/2014	0947	-0.77	-0.62	0.0	0	3.1	17.9	7.7	5.95	0.8	5.11	
VMP-49-10	7/24/2014	1127	-0.37	-0.40	0.0	0	3.0	18.6	2.6	2.69	0.0	2.69	
VMP-49-10	8/21/2014	1110	-0.50	-0.47	0.0	0	2.2	18.8	2.2	0.89	0.0	0.89	
VMP-49-10	9/18/2014	1248	-0.38	-0.40	0.0	0	2.5	19.3	0.7	0.77	0.0	0.77	
VMP-49-10	10/22/2014	1333	-0.50	-0.45	0.0	0	1.5	20.1	1.1	1.31	0.0	1.31	
VMP-49-10	11/19/2014	1417	-0.82	-0.65	0.0	0	0.6	20.4	1.0	0.9	0.0	0.9	
VMP-49-10	12/18/2014	1539	-1.01	-1.01	0.0	0	0.5	20.5	1.0	1.92	0.0	1.92	
VMP-49-10	1/29/2015	1049	-1.11	-1.01	0.0	0	0.3	20.7	1.2	1.1	0.0	1.1	
VMP-49-10	2/26/2015	1506	-0.95	-1.04	0.0	0	0.3	20.9	1.3	1.6	0.0	1.6	
VMP-49-10	3/27/2015	1008	-1.34	-1.31	0.0	0	0.4	20.6	0.8	1.3	0.0	1.3	
VMP-49-10	4/23/2015	1105	-1.18	-1.27	0.0	0	1.2	19.7	0.8	1.9	0.0	1.9	
VMP-49-10	5/21/2015	1414	-1.34	-1.11	0.0	0	1.5	19.6	0.5	1.3	0.0	1.3	
VMP-49-10	6/18/2015	1106	-1.37	-1.38	0.0	0	1.9	18.6	0.3	0.8	0.0	0.8	
VMP-49-10	7/23/2015	1415	-1.09	-1.15	0.0	0	2.5	18.9	0.7	1.3	0.0	1.3	
VMP-49-10	8/20/2015	1420	-1.25	-1.29	0.0	0	1.9	19.1	0.1	0.0	0.0	0.0	
VMP-49-10	9/17/2015	1407	-1.05	-1.00	0.0	0	1.2	19.9	0.3	0.0	0.0	0.0	
VMP-49-10	10/22/2015	1530	-0.81	-0.88	0.0	0	0.5	20.4	0.3	0	0.0	0.0	
VMP-49-10	11/24/2015	1405	-1.29	-1.31	0.0	0	0.2	20.7	0.4	0.7	0.0	0.7	
VMP-49-10	12/17/2015	1240	0.00	0.00	0.0	0	0.3	20.5	0.2	0	0.0	0.0	
VMP-49-10	1/21/2016	1505	-0.83	-0.85	0.0	0	0.2	20.6	0.4	0.0	0.0	0.0	
VMP-49-10	2/18/2016	1008	-1.51	-1.34	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-49-10	3/23/2016	1455	-1.10	-1.10	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	
VMP-49-10	4/20/2016	1125	-0.08	-0.02	0.0	0	0.7	19.9	0.2	0.0	0.0	0.0	
VMP-49-10	5/19/2016	1420	-1.79	-1.76	0.0	0	1.2	19.8	0.5	0.0	0.0	0.0	
VMP-49-10	6/22/2016	1355	-0.73	-0.76	0.0	0	1.6	19.4	0.5	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-49-10	7/22/2016	0827	-1.11	-0.60	0.0	0	1.5	18.0	0.3	0.0	0.0	0.0	
VMP-49-10	8/25/2016	1409	-1.56	-0.73	0.0	0	1.7	19.1	0.2	0.0	0.0	0.0	
VMP-49-10	9/22/2016	1357	-1.29	-1.36	0.0	0	1.9	19.0	0.3	0.0	0.0	0.0	
VMP-49-10	10/21/2016	1436	-0.82	-0.66	0.0	0	0.9	19.9	0.2	0.0	0.0	0.0	
VMP-49-10	11/17/2016	1119	-0.44	-0.47	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-49-10	12/22/2016	1336	-0.62	-0.82	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-49-20	2/26/2013	1404	-0.03	-0.03	0.0	0	0.2	20.4	0.1	1.1	0.0	1.1	Initial monthly sample after installation.
VMP-49-20	3/21/2013	1512	-0.02	-0.02	0.0	0	0.4	20.5	0.2	1.1	0.0	1.1	
VMP-49-20	4/24/2013	1652	0.00	0.00	0.0	0	1.5	18.5	0.5	1.2	0.0	1.2	
VMP-49-20	5/23/2013	1055	0.00	-0.03	0.0	0	2.6	16.7	0.4	0.8	0.0	0.8	
VMP-49-20	6/25/2013	1536	-0.03	-0.02	0.0	0	4.7	14.3	0.7	1.0	0.0	1.0	
VMP-49-20	7/25/2013	1004	-0.06	0.00	0.0	0	6.2	13.6	0.9	1.0	0.0	1.0	
VMP-49-20	8/29/2013	1349	0.00	0.00	0.0	0	3.9	17.3	0.7	1.7	0.0	1.7	
VMP-49-20	9/26/2013	1455	-0.04	NM	0.0	0	2.2	19.0	0.7	2.0	0.0	2.0	
VMP-49-20	10/23/2013	1413	-0.06	-0.06	0.0	0	1.5	19.8	0.8	1.9	0.0	1.9	
VMP-49-20	11/20/2013	1518	0.00	0.00	0.0	0	0.5	20.6	0.9	2.9	0.0	2.9	
VMP-49-20	12/19/2013	1148	0.00	-0.02	0.0	0	0.3	20.7	0.2	1.3	0.0	1.3	
VMP-49-20	1/31/2014	0926	0.00	-0.04	0.0	0	0.3	20.9	0.2	2.17	0.0	2.17	
VMP-49-20	2/25/2014	1539	0.00	0.00	0.0	0	0.3	20.9	0.9	1.6	0.0	1.6	
VMP-49-20	3/19/2014	1114	0.00	-0.05	0.0	0	0.4	20.4	0.8	0.59	0.0	0.59	
VMP-49-20	4/24/2014	1126	0.00	0.00	0.0	0	1.0	19.8	1.0	2.04	0.0	2.04	
VMP-49-20	5/22/2014	1418	-0.05	-0.07	0.0	0	2.2	18.8	1.2	1.26	0.0	1.26	
VMP-49-20	6/19/2014	0949	-0.06	-0.07	0.0	0	3.8	17.0	7.2	4.97	0.0	4.97	
VMP-49-20	7/24/2014	1132	0.00	0.00	0.0	0	3.0	18.5	2.3	2.9	0.0	2.9	
VMP-49-20	8/21/2014	1111	0.00	0.00	0.0	0	2.4	18.4	1.9	3.45	0.0	3.45	
VMP-49-20	9/18/2014	1249	0.00	-0.03	0.0	0	2.6	19.3	0.8	1.24	0.0	1.24	
VMP-49-20-Dup	9/18/2014	1251	NM	NM	0.0	0	2.7	18.9	0.7	1.07	0.0	1.07	Duplicate Sample.
VMP-49-20	10/22/2014	1333	-0.05	0.00	0.0	0	1.6	20.0	0.9	1.77	0.0	1.77	
VMP-49-20	11/19/2014	1418	0.00	0.00	0.0	0	0.5	20.5	1.1	1.3	0.0	1.3	
VMP-49-20	12/18/2014	1543	0.00	0.00	0.0	0	0.5	20.4	1.1	1.84	0.0	1.84	
VMP-49-20	1/29/2015	1049	-0.11	0.00	0.0	0	0.3	20.7	0.9	1.4	0.0	1.4	
VMP-49-20	2/26/2015	1511	0.00	0.00	0.0	0	0.3	20.9	0.9	1.1	0.0	1.1	
VMP-49-20	3/27/2015	1008	0.00	0.00	0.0	0	0.5	20.3	0.9	1.1	0.0	1.1	
VMP-49-20	4/23/2015	1110	0.00	0.00	0.0	0	1.1	19.7	1.1	2.1	0.0	2.1	
VMP-49-20	5/21/2015	1418	-0.33	-0.09	0.0	0	1.5	19.5	0.4	1.1	0.0	1.1	
VMP-49-20	6/18/2015	1110	0.00	0.00	0.0	0	2.1	18.2	0.3	1.2	0.0	1.2	
VMP-49-20	7/23/2015	1420	0.00	0.00	0.0	0	2.8	18.6	0.6	1.6	0.0	1.6	
VMP-49-20	8/20/2015	1425	0.00	-0.09	0.0	0	2.1	18.9	0.0	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-49-20	9/17/2015	1412	-0.10	0.00	0.0	0	1.1	19.9	0.3	0.0	0.0	0.0	
VMP-49-20	10/22/2015	1535	0.00	0.00	0.0	0	0.5	20.4	0.3	0.4	0.0	0.4	
VMP-49-20	11/24/2015	1410	-0.12	-0.13	0.0	0	0.1	20.8	0.6	0.2	0.0	0.2	
VMP-49-20	12/17/2015	1245	0.00	-0.10	0.0	0	0.2	20.7	0.3	0	0.0	0.0	
VMP-49-20	1/21/2016	1510	-0.14	-0.13	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-49-20	2/18/2016	1013	-0.12	-0.10	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-49-20	3/23/2016	1500	-0.09	0.00	0.0	0	0.3	20.5	0.3	0.4	0.0	0.4	
VMP-49-20	4/20/2016	1130	-0.03	-0.01	0.0	0	0.8	19.9	0.3	0.0	0.0	0.0	
VMP-49-20	5/19/2016	1425	-0.13	-0.16	0.0	0	1.1	19.8	0.5	0.0	0.0	0.0	
VMP-49-20	6/22/2016	1400	0.00	0.00	0.0	0	1.5	19.4	0.5	0.0	0.0	0.0	
VMP-49-20	7/22/2016	0828	-0.32	0.23	0.0	0	1.5	18.1	0.0	0.0	0.0	0.0	
VMP-49-20	8/25/2016	1410	-0.19	-0.11	0.0	0	1.7	19.0	0.2	0.0	0.0	0.0	
VMP-49-20	9/22/2016	1358	0.00	-0.15	0.0	0	1.8	19.1	0.6	0.0	0.0	0.0	
VMP-49-20	10/21/2016	1437	-0.22	0.00	0.0	0	0.9	19.9	0.2	0.0	0.0	0.0	
VMP-49-20	11/17/2016	1120	0.00	0.00	0.0	0	0.6	20.4	0.4	0.5	0.0	0.0	
VMP-49-20	12/22/2016	1338	0.00	-0.09	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-49-30	2/26/2013	1406	-0.54	-0.66	19.5	OVR	10.7	2.3	220	13000	6400	6600	Initial monthly sample after installation.
VMP-49-30	3/21/2013	1514	-0.41	-0.44	5.8	OVR	8.2	3.1	219	2100	325	1775	
VMP-49-30	4/24/2013	1657	-0.98	-1.00	0.0	0	4.0	13.5	2.2	12.1	6.2	5.9	
VMP-49-30	5/23/2013	1056	-1.16	-1.46	0.0	0	11.9	3.7	5.0	258	257	1.0	
VMP-49-30	6/25/2013	1537	-0.44	-0.22	83.3	OVR	7.7	1.4	268	37650	22510	15140	
VMP-49-30	7/25/2013	1009	-1.08	-0.96	17.4	OVR	9.7	1.7	255	5300	1800	3500	
VMP-49-30	8/29/2013	1353	-0.50	-0.44	0.0	0	2.5	17.0	0.9	4.9	0.0	4.9	
VMP-49-30	9/26/2013	1458	-1.33	NM	0.0	0	1.8	19.0	0.8	1.2	0.0	1.2	
VMP-49-30	10/23/2013	1417	-1.62	-1.72	0.0	0	1.3	19.3	1.1	16.6	9.8	6.8	
VMP-49-30	11/20/2013	1522	-1.55	-0.89	0.0	0	3.4	11.2	4.8	37.0	22.4	14.6	
VMP-49-30	12/19/2013	1152	-0.75	-0.42	0.0	0	3.7	15.9	0.2	0.0	0.0	0.0	
VMP-49-30	1/31/2014	0927	-1.66	-1.56	0.0	0	2.0	18.4	0.6	2.23	0.0	2.23	
VMP-49-30	2/25/2014	1542	-0.96	-0.48	0.0	0	9.8	3.5	1.5	33.8	20.1	13.7	
VMP-49-30	3/19/2014	1119	-1.12	-1.04	0.0	0	4.2	14.1	1.3	3.38	0.0	3.38	
VMP-49-30	4/24/2014	1130	-1.65	-1.65	0.0	0	5.0	9.9	1.3	1.06	0.0	1.06	
VMP-49-30	5/22/2014	1421	-1.78	-1.81	0.0	0	2.0	16.5	1.0	0.68	0.0	0.68	
VMP-49-30	6/19/2014	0951	-1.81	-1.72	0.0	0	1.8	18.5	7.5	5.85	0.9	4.98	
VMP-49-30	7/24/2014	1137	-1.69	-1.60	0.0	0	3.5	13.9	2.3	1.8	0.0	1.8	
VMP-49-30	8/21/2014	1111	-1.82	-1.79	0.0	0	1.5	19.1	2.3	2.29	0.0	2.29	
VMP-49-30-Dup	8/21/2014	1112	NM	NM	0.0	0	1.8	18.6	2.6	2.02	0.0	2.02	Duplicate Sample.
VMP-49-30	9/18/2014	1250	-1.31	-1.31	0.0	0	3.0	15.0	1.1	1.54	0.0	1.54	
VMP-49-30	10/22/2014	1334	-1.63	-1.51	0.0	0	5.1	14.6	1.3	1.58	0.0	1.58	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-49-30	11/19/2014	1418	-5.20	-4.35	0.0	0	2.0	15.3	1.0	0.3	0.0	0.3	
VMP-49-30	12/18/2014	1547	-5.33	-5.46	0.0	0	6.0	7.6	1.2	2.02	0.0	2.02	
VMP-49-30	1/29/2015	1049	-6.06	-5.84	0.0	0	4.8	10.3	1.2	1.0	0.0	1.0	
VMP-49-30	2/26/2015	1516	-5.63	-5.76	0.0	0	4.6	10.5	1.6	1.4	0.0	1.4	
VMP-49-30	3/27/2015	1009	-5.89	-5.79	0.0	0	10.9	4.0	8.5	53.1	16.8	36.3	
VMP-49-30	4/23/2015	1115	-6.06	-6.06	0.0	0	11.1	7.4	1.0	1.6	0.0	1.6	
VMP-49-30-Dup	4/23/2015	1115	NM	NM	0.0	0	11.1	7.4	1.0	1.5	0.0	1.5	Duplicate sample.
VMP-49-30	5/21/2015	1422	-6.09	-5.55	2.5	50	11.8	3.3	96.9	6310	4050	2260.0	Resample due to elevated THC.
VMP-49-30	5/22/2015	1405	-5.63	NM	2.9	58	13.1	1.2	87.7	6540	4180	2360.0	Resample.
VMP-49-30	6/18/2015	1114	-6.08	-6.13	3.0	61	12.5	2.3	76.5	6310	3960	2350.0	
VMP-49-30	7/23/2015	1425	-6.08	-6.06	2.3	46	14.0	0.8	78.7	4800	3250	1550.0	
VMP-49-30	8/20/2015	1430	-6.38	-6.35	1.2	25	12.7	2.8	65.9	3170	1850	1320.0	
VMP-49-30	9/17/2015	1417	-6.62	-6.38	0.6	13	15.0	0.7	32.1	1720	1060	660.0	
VMP-49-30-Dup	9/17/2015	1417	NM	NM	0.6	13	15.2	0.5	33.6	1800	1105	695.0	Duplicate sample.
VMP-49-30	10/22/2015	1540	-6.45	-6.52	0.0	0	16.2	2.1	0.6	0	0.0	0.0	
VMP-49-30	11/24/2015	1415	-7.33	-7.36	0.0	0	14.5	5.7	0.9	0	0.0	0.0	
VMP-49-30	12/17/2015	1250	-0.20	-0.10	0.0	0	5.6	15.6	0.4	0	0.0	0.0	
VMP-49-30	1/21/2016	1515	-0.29	-3.98	0.0	0	12.3	11.3	0.3	0.0	0.0	0.0	
VMP-49-30	2/18/2016	1018	-7.80	-7.18	0.0	0	15.8	4.8	0.5	0.0	0.0	0.0	
VMP-49-30	3/23/2016	1505	-7.39	-7.37	0.0	0	14.2	5.3	0.4	0.0	0.0	0.0	
VMP-49-30	4/20/2016	1135	-0.56	-0.20	0.0	0	4.3	17.1	0.4	0.0	0.0	0.0	
VMP-49-30-Dup	4/20/2016	1135	NM	NM	0.0	0	4.9	16.7	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-49-30	5/19/2016	1430	-10.85	-10.86	0.0	0	11.9	10.7	0.2	0.0	0.0	0.0	
VMP-49-30	6/22/2016	1405	-11.52	-12.32	0.0	0	9.4	11.9	0.2	0.0	0.0	0.0	
VMP-49-30	7/22/2016	0829	-8.57	-7.55	0.0	0	8.9	12.0	0.2	0.0	0.0	0.0	
VMP-49-30	8/25/2016	1411	-16.89	-7.33	0.0	0	8.8	11.3	0.1	0.0	0.0	0.0	
VMP-49-30	9/22/2016	1359	-13.89	-13.97	0.0	0	6.7	13.1	0.3	0.0	0.0	0.0	
VMP-49-30	10/21/2016	1438	-5.31	-5.16	0.0	0	9.6	9.6	0.5	0.0	0.0	0.0	
VMP-49-30	11/17/2016	1121	-4.98	-4.80	0.0	0	9.7	10.4	0.0	0.0	0.0	0.0	
VMP-49-30	12/22/2016	1340	-8.14	-9.65	0.0	0	10.1	10.2	0.0	0.0	0.0	0.0	
VMP-50-5	2/26/2013	1108	0.00	0.00	0.0	0	1.4	19.2	0.6	2.8	0.0	2.8	Initial monthly sample after installation.
VMP-50-5	3/21/2013	1527	0.00	0.00	0.0	0	0.9	20.1	0.4	0.8	0.0	0.8	
VMP-50-5	4/24/2013	1437	0.00	0.00	0.0	0	1.7	18.4	0.9	1.3	0.0	1.3	
VMP-50-5	5/23/2013	1032	0.00	0.00	0.0	0	3.1	15.9	0.5	0.6	0.0	0.6	
VMP-50-5	6/26/2013	1513	0.00	0.00	0.0	0	4.7	13.4	0.6	1.1	0.0	1.1	
VMP-50-5	7/25/2013	1113	-0.07	0.00	0.0	0	6.7	12.3	0.7	0.4	0.0	0.4	
VMP-50-5	8/29/2013	1132	0.00	0.00	0.0	0	7.2	12.5	0.8	0.2	0.0	0.2	
VMP-50-5	9/26/2013	0936	0.00	0.00	0.0	0	7.3	13.3	0.6	0.2	0.0	0.2	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-50-5	10/23/2013	1500	0.00	0.00	0.0	0	4.6	16.4	0.8	0.0	0.0	0.0	
VMP-50-5	11/20/2013	1245	0.00	0.00	0.1	2	2.0	19.2	0.1	0.3	0.0	0.3	
VMP-50-5	12/19/2013	1436	-0.12	-0.11	0.0	0	1.7	19.2	0.2	0.7	0.0	0.7	
VMP-50-5	1/30/2014	1539	0.00	-0.06	0.0	0	1.0	20.5	0.5	1.84	0.0	1.84	
VMP-50-5	2/25/2014	1430	0.00	0.00	0.0	0	1.0	20.5	0.9	1.56	0.0	1.56	
VMP-50-5	3/20/2014	1436	0.00	0.00	0.0	0	0.7	20.3	1.1	2.07	0.0	2.07	
VMP-50-5	4/24/2014	0957	0.00	0.00	0.0	0	1.6	18.8	1.1	2.14	0.0	2.14	
VMP-50-5	5/22/2014	1421	0.00	0.00	0.0	0	2.3	18.3	2.3	1.28	0.0	1.28	
VMP-50-5	6/18/2014	1127	0.00	0.00	0.0	0	3.9	16.6	0.8	0.72	0.0	0.72	
VMP-50-5	7/24/2014	1425	0.06	0.00	0.0	0	6.1	14.6	1.4	0.68	0.0	0.68	
VMP-50-5	8/20/2014	1445	0.00	-0.06	0.0	0	6.4	14.4	2.3	0.48	0.0	0.48	
VMP-50-5	9/18/2014	1005	0.00	0.00	0.0	0	5.5	15.2	1.4	0.76	0.0	0.76	
VMP-50-5	10/22/2014	1004	0.00	0.00	0.0	0	2.8	18.3	1.1	0.18	0.0	0.18	
VMP-50-5	11/19/2014	1442	-0.19	-0.34	0.0	0	0.9	20.2	1.1	1.18	0.0	1.18	
VMP-50-5	12/18/2014	1327	-0.09	0.00	0.0	0	0.5	20.6	1.0	0.98	0.0	0.98	
VMP-50-5	1/29/2015	1400	0.00	0.00	0.0	0	0.3	20.8	1.4	2.3	0.0	2.3	
VMP-50-5	2/26/2015	1500	-0.17	-0.24	0.0	0	0.4	20.7	0.3	1.2	0.0	1.2	
VMP-50-5	3/26/2015	1525	0.00	0.00	0.0	0	0.3	20.1	0.7	0.9	0.0	0.9	
VMP-50-5	4/23/2015	1400	0.00	0.00	0.0	0	0.8	20.1	0.7	1.5	0.0	1.5	
VMP-50-5	5/21/2015	1400	0.00	0.00	0.0	0	1.5	18.5	0.9	1.2	0.0	1.2	
VMP-50-5	6/18/2015	1030	0.00	0.00	0.0	0	2.4	17.5	0.4	2.2	0.0	2.2	
VMP-50-5	7/23/2015	1355	0.00	0.00	0.0	0	2.1	18.7	0.5	0.7	0.0	0.7	
VMP-50-5	8/20/2015	1400	0.00	0.00	0.0	0	2.0	19.2	0.3	0.0	0.0	0.0	
VMP-50-5	9/17/2015	1345	0.00	0.0	0.0	0	1.4	19.4	0.2	0.0	0.0	0.0	
VMP-50-5	10/22/2015	1340	0.00	0.00	0.0	0	0.9	20.1	0.3	0	0.0	0.0	
VMP-50-5	11/24/2015	1256	0.00	0.00	0.0	0	0.7	20.3	0.2	0	0.0	0.0	
VMP-50-5	12/18/2015	1050	0.00	0.00	0.0	0	0.3	20.7	0.0	0	0.0	0.0	
VMP-50-5	1/22/2016	1246	0.00	0.00	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-50-5	2/18/2016	1051	-0.11	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-50-5	3/23/2016	1350	0.00	0.00	0.0	0	0.4	20.0	0.3	0.0	0.0	0.0	
VMP-50-5	4/20/2016	1515	-0.03	-0.04	0.0	0	0.8	19.2	0.1	0.0	0.0	0.0	
VMP-50-5	5/18/2016	1610	0.00	-0.02	0.0	0	1.8	18.3	0.4	0.0	0.0	0.0	
VMP-50-5	6/22/2016	1125	0.00	0.00	0.0	0	5.0	14.3	0.5	0.0	0.0	0.0	
VMP-50-5	7/22/2016	0900	0.00	0.00	0.0	0	5.8	15.7	0.2	0.0	0.0	0.0	
VMP-50-5	8/25/2016	1315	0.00	0.00	0.0	0	5.6	14.2	0.5	0.0	0.0	0.0	
VMP-50-5	9/22/2016	1138	0.00	0.0	0.0	0	6.0	13.6	0.1	0.0	0.0	0.0	
VMP-50-5	10/21/2016	1230	0.00	0.00	0.0	0	4.6	15.5	0.0	0.0	0.0	0.0	
VMP-50-5	11/17/2016	0959	0.00	0.00	0.0	0	3.2	17.3	0.2	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-50-5	12/5/2016	1005	0.00	NM	0.0	0	2.6	18.4	0.1	0.0	0.0	0.0	
VMP-50-5	12/22/2016	1446	0.00	0.27	0.0	0	1.3	19.7	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-50-10	2/26/2013	1114	-0.02	0.00	0.0	0	3.9	17.0	0.4	0.3	0.0	0.3	Initial monthly sample after installation.
VMP-50-10	3/21/2013	1529	0.00	0.00	0.0	0	3.1	18.1	0.3	0.3	0.0	0.3	
VMP-50-10	4/24/2013	1442	0.00	0.00	0.0	0	2.6	18.3	0.8	0.6	0.0	0.6	
VMP-50-10	5/23/2013	1033	0.00	0.00	0.0	0	2.8	17.0	0.4	0.6	0.0	0.6	
VMP-50-10	6/26/2013	1517	0.00	0.00	0.0	0	3.1	16.1	0.7	1.3	0.0	1.3	
VMP-50-10	7/25/2013	1118	-0.07	0.00	0.0	0	4.4	14.1	0.6	0.5	0.0	0.5	
VMP-50-10	8/29/2013	1136	0.00	0.00	0.0	0	5.4	13.8	0.9	0.5	0.0	0.5	
VMP-50-10	9/26/2013	0937	0.00	0.00	0.0	0	6.9	13.5	0.6	0.6	0.0	0.6	
VMP-50-10	10/23/2013	1504	0.00	0.00	0.0	0	5.9	15.2	0.6	0.3	0.0	0.3	
VMP-50-10	11/20/2013	1251	0.00	-0.13	0.0	0	4.9	16.7	0.1	0.2	0.0	0.2	
VMP-50-10	12/19/2013	1440	0.00	-0.20	0.0	0	3.9	17.7	0.6	0.6	0.0	0.6	
VMP-50-10	1/30/2014	1541	0.00	0.00	0.0	0	2.6	19.3	0.5	1.4	0.0	1.4	
VMP-50-10	2/25/2014	1435	0.00	0.00	0.0	0	2.2	20.1	1.0	1.15	0.0	1.15	
VMP-50-10	3/20/2014	1437	0.00	0.00	0.0	0	1.7	19.7	1.1	1.69	0.0	1.69	
VMP-50-10	4/24/2014	0958	0.00	0.00	0.0	0	1.7	19.5	1.1	1.94	0.0	1.94	
VMP-50-10	5/22/2014	1422	0.00	0.00	0.0	0	2.0	18.7	1.9	1.28	0.0	1.28	
VMP-50-10	6/18/2014	1127	0.00	0.00	0.0	0	2.5	17.7	0.9	0.92	0.0	0.92	
VMP-50-10	7/24/2014	1430	0.06	0.00	0.0	0	3.3	16.9	1.2	0.99	0.0	0.99	
VMP-50-10	8/20/2014	1450	0.00	-0.04	0.0	0	3.4	16.8	2.2	2.34	0.0	2.34	
VMP-50-10	9/18/2014	1006	0.00	0.00	0.0	0	4.9	15.6	1.3	0.28	0.0	0.28	
VMP-50-10	10/22/2014	1004	-0.03	-0.05	0.0	0	4.2	16.6	1.5	0.46	0.0	0.46	
VMP-50-10	11/19/2014	1442	0.00	-0.06	0.0	0	1.8	19.7	1.0	0.97	0.0	0.97	
VMP-50-10	12/18/2014	1331	-0.11	-0.79	0.0	0	0.7	20.5	1.2	0.9	0.0	0.9	
VMP-50-10	1/29/2015	1405	-0.11	-0.14	0.0	0	0.4	20.7	1.6	0.9	0.0	0.9	
VMP-50-10-Dup	1/29/2015	1405	NM	NM	0.0	0	0.4	20.6	1.5	0.2	0.0	0.2	Duplicate sample.
VMP-50-10	2/26/2015	1500	-0.16	-0.20	0.0	0	0.4	20.7	0.3	0.5	0.0	0.5	
VMP-50-10	3/26/2015	1525	-0.10	-0.12	0.0	0	0.4	20.5	0.8	0.6	0.0	0.6	
VMP-50-10	4/23/2015	1405	-0.12	0.00	0.0	0	0.7	20.2	1.3	1.9	0.0	1.9	
VMP-50-10-Dup	4/23/2015	1405	NM	NM	0.0	0	0.8	20.1	0.9	1.5	0.0	1.5	Duplicate sample.
VMP-50-10	5/21/2015	1405	0.00	0.00	0.0	0	1.3	19.1	0.9	3.1	0.0	3.1	
VMP-50-10	6/18/2015	1034	-0.13	-0.09	0.0	0	1.9	18.9	0.5	2.8	0.0	2.8	
VMP-50-10	7/23/2015	1359	0.00	-0.17	0.0	0	2.0	18.8	0.6	0.8	0.0	0.8	
VMP-50-10-Dup	7/23/2015	1359	NM	NM	0.0	0	2.0	18.6	0.5	0.7	0.0	0.7	Duplicate Sample.
VMP-50-10	8/20/2015	1405	-0.13	0.00	0.0	0	2.3	18.7	0.2	0.0	0.0	0.0	
VMP-50-10	9/17/2015	1350	0.00	-0.12	0.0	0	2.0	18.9	0.2	0	0.0	0.0	
VMP-50-10	10/22/2015	1345	0.00	0.00	0.0	0	1.4	19.7	0.2	0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-50-10	11/24/2015	1301	-0.12	-0.15	0.0	0	0.9	20.2	0.3	0	0.0	0.0	
VMP-50-10	12/18/2015	1055	-0.10	-0.21	0.0	0	0.7	20.4	0.1	0	0.0	0.0	
VMP-50-10	1/22/2016	1251	0.00	-0.10	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-50-10	2/18/2016	1056	-0.14	0.00	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-50-10	3/23/2016	1355	0.00	0.00	0.0	0	0.5	19.9	0.4	0.0	0.0	0.0	
VMP-50-10	4/20/2016	1520	0.00	-0.03	0.0	0	0.8	19.3	0.1	0.0	0.0	0.0	
VMP-50-10	5/18/2016	1615	-0.04	-0.05	0.0	0	1.3	19.4	0.5	0.0	0.0	0.0	
VMP-50-10	6/22/2016	1130	0.00	0.00	0.0	0	2.4	16.4	0.4	0.0	0.0	0.0	
VMP-50-10	7/22/2016	0901	0.00	0.00	0.0	0	3.6	15.6	0.6	0.0	0.0	0.0	
VMP-50-10	8/25/2016	1316	0.00	0.00	0.0	0	4.8	14.3	0.4	0.0	0.0	0.0	
VMP-50-10	9/22/2016	1139	0.00	0.00	0.0	0	5.2	13.9	0.3	0.0	0.0	0.0	
VMP-50-10	10/21/2016	1233	0.00	0.00	0.0	0	5.2	14.2	0.1	0.0	0.0	0.0	
VMP-50-10	11/17/2016	1000	0.00	0.00	0.0	0	4.7	15.3	0.2	0.0	0.0	0.0	
VMP-50-10	12/5/2016	1006	0.00	NM	0.0	0	4.2	16.2	0.2	0.0	0.0	0.0	
VMP-50-10	12/22/2016	1449	0.00	-0.16	0.0	0	3.4	17.3	0.1	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-50-20	2/26/2013	1121	-0.08	0.00	0.2	5	14.6	3.5	46.7	350	93.5	257	Initial monthly sample after installation.
VMP-50-20	3/21/2013	1531	0.00	-0.02	0.0	0	12.4	6.3	31.4	86.3	38.2	48.1	
VMP-50-20	4/24/2013	1447	-0.18	-0.08	0.0	0	10.2	9.4	12.5	36.8	18.2	18.6	
VMP-50-20	5/23/2013	1035	-0.07	-0.15	0.0	0	9.6	8.8	20.0	56.6	40.1	16.5	
VMP-50-20	6/26/2013	1521	0.00	0.04	0.0	0	10.0	8.9	20.2	61.9	24.1	37.8	
VMP-50-20	7/25/2013	1123	-0.14	-0.05	0.0	0	9.5	9.5	8.2	10.2	3.9	6.3	
VMP-50-20	8/28/2013	1140	0.00	0.00	0.0	0	9.5	9.9	3.3	2.3	0.0	2.3	
VMP-50-20	9/26/2013	0938	-0.08	-0.07	0.0	0	10.3	10.3	1.6	1.4	0.0	1.4	
VMP-50-20	10/23/2013	1508	-0.11	-0.07	0.0	0	10.2	11.4	0.9	0.8	0.0	0.8	
VMP-50-20	11/20/2013	1257	0.00	0.00	0.0	0	11.1	11.9	0.7	0.9	0.0	0.9	
VMP-50-20	12/19/2013	1444	0.00	-0.12	0.0	0	10.0	12.5	0.5	1.4	0.0	1.4	
VMP-50-20	1/30/2014	1542	-0.12	-0.04	0.0	0	9.9	13.4	0.9	2.82	0.0	2.82	
VMP-50-20	2/25/2014	1440	-0.05	0.00	0.0	0	9.1	15.0	1.5	3.01	0.0	3.01	
VMP-50-20	3/20/2014	1438	0.00	0.00	0.0	0	7.6	15.4	1.4	2.74	0.0	2.74	
VMP-50-20	4/24/2014	0958	-0.15	-0.05	0.0	0	5.6	17.6	1.4	2.85	0.0	2.85	
VMP-50-20	5/22/2014	1423	-0.13	-0.11	0.0	0	4.8	17.4	2.0	2.04	0.0	2.04	
VMP-50-20	6/18/2014	1127	-0.06	-0.09	0.0	0	4.9	16.7	1.3	1.18	0.0	1.18	
VMP-50-20	7/24/2014	1435	0.00	-0.07	0.0	0	5.6	15.1	1.3	1.15	0.0	1.15	
VMP-50-20	8/20/2014	1455	-0.18	-0.22	0.0	0	5.8	14.9	2.3	1.59	0.0	1.59	
VMP-50-20	9/18/2014	1007	-0.14	-0.14	0.0	0	6.1	15.0	1.9	0.69	0.0	0.69	
VMP-50-20	10/22/2014	1005	-0.20	-0.21	0.0	0	6.6	14.7	2.0	0.65	0.0	0.65	
VMP-50-20	11/19/2014	1443	-0.23	-0.61	0.0	0	2.9	18.5	1.3	0.97	0.0	0.97	
VMP-50-20	12/18/2014	1335	-0.90	-0.93	0.0	0	2.0	19.9	1.4	0.97	0.0	0.97	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-50-20	1/29/2015	1410	-0.94	-1.06	0.0	0	1.5	20.3	1.9	0.9	0.0	0.9	
VMP-50-20	2/26/2015	1500	-1.04	-1.04	0.0	0	1.2	20.4	0.3	0.9	0.0	0.9	
VMP-50-20	3/26/2015	1526	-0.95	-0.97	0.0	0	1.2	20.4	0.8	0.7	0.0	0.7	
VMP-50-20	4/23/2015	1410	-0.85	-0.80	0.0	0	1.2	20.0	1.3	2.0	0.0	2.0	
VMP-50-20	5/21/2015	1410	-0.80	-0.84	0.0	0	1.5	19.0	0.8	2.2	0.0	2.2	
VMP-50-20	6/18/2015	1038	-0.97	-0.95	0.0	0	2.0	18.9	0.6	2.2	0.0	2.2	
VMP-50-20	7/23/2015	1403	-0.69	-0.80	0.0	0	2.3	18.7	0.7	0.4	0.0	0.4	
VMP-50-20	8/20/2015	1410	-0.79	-0.66	0.0	0	2.6	18.3	0.2	0.0	0.0	0.0	
VMP-50-20	9/17/2015	1355	-0.65	-0.74	0.0	0	2.4	18.5	0.0	0.0	0.0	0.0	
VMP-50-20-Dup	9/17/2015	1400	NM	NM	0.0	0	2.2	18.7	0.1	0	0.0	0.0	Duplicate sample.
VMP-50-20	10/22/2015	1350	-0.74	-0.68	0.0	0	2.4	19.3	0.3	0	0.0	0.0	
VMP-50-20	11/24/2015	1306	-0.88	-0.92	0.0	0	2.0	19.8	0.4	0	0.0	0.0	
VMP-50-20	12/18/2015	1100	0.00	0.00	0.0	0	1.7	19.8	0.1	0	0.0	0.0	
VMP-50-20	1/22/2016	1256	-0.35	-0.29	0.0	0	0.5	20.1	0.0	0.0	0.0	0.0	
VMP-50-20	2/18/2016	1101	-0.92	-0.75	0.0	0	1.0	20.3	0.3	0.0	0.0	0.0	
VMP-50-20	3/23/2016	1400	0.00	0.00	0.0	0	2.2	19.3	0.3	0.0	0.0	0.0	
VMP-50-20	4/20/2016	1525	0.05	-0.02	0.0	0	2.6	18.8	0.2	0.0	0.0	0.0	
VMP-50-20	5/18/2016	1620	-0.28	-0.30	0.0	0	2.1	18.7	0.4	0.0	0.0	0.0	
VMP-50-20	6/22/2016	1135	-0.11	-0.09	0.0	0	2.3	17.2	0.5	0.0	0.0	0.0	
VMP-50-20	7/22/2016	0902	0.00	0.00	0.0	0	2.6	16.7	0.2	0.0	0.0	0.0	
VMP-50-20	8/25/2016	1317	-0.17	-0.16	0.0	0	3.6	15.0	0.3	0.0	0.0	0.0	
VMP-50-20	9/22/2016	1140	0.00	0.00	0.0	0	4.2	14.9	0.1	0.0	0.0	0.0	
VMP-50-20	10/21/2016	1235	0.00	0.00	0.0	0	4.9	14.1	0.2	0.0	0.0	0.0	
VMP-50-20	11/17/2016	1001	0.00	0.00	0.0	0	5.4	14.3	0.3	0.0	0.0	0.0	
VMP-50-20	12/5/2016	1007	0.09	NM	0.0	0	5.8	14.3	0.2	0.0	0.0	0.0	
VMP-50-20	12/22/2016	1452	-1.10	-0.75	0.0	0	5.6	15.6	0.1	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-50-30	2/26/2013	1117	-2.73	-0.70	20.0	OVR	6.9	15.3	566	8300	1670	6630	Initial monthly sample after installation.
VMP-50-30	3/21/2013	1533	-1.21	-1.01	16.7	OVR	5.4	17.1	685	8200	3800	4400	
VMP-50-30	4/24/2013	1452	-1.96	-1.56	10.9	OVR	3.8	18.2	633	7300	733	6567	
VMP-50-30	5/23/2013	1034	-1.83	-1.96	14.6	OVR	3.8	17.5	665	2590	660	1930	
VMP-50-30	6/26/2013	1525	-0.98	-0.23	16.2	OVR	3.5	17.4	655	3400	940	2460	
VMP-50-30	7/25/2013	1128	-1.45	-1.40	9.3	OVR	3.9	17.0	465	2900	465	2435	
VMP-50-30	8/29/2013	1144	-1.80	-1.66	4.7	94	3.5	17.9	499	3900	730	3170	
VMP-50-30	9/26/2013	0939	-2.96	-2.88	2.7	55	3.4	18.2	543	2400	465	1935	
VMP-50-30	10/23/2013	1512	-2.90	-2.59	4.0	81	2.9	18.9	585	3000	437	2563	
VMP-50-30	11/20/2013	1303	-2.64	-2.67	2.2	44	2.7	19.2	415	2490	352	2138	
VMP-50-30	12/19/2013	1448	-1.50	NM	2.1	42	3.2	18.8	314	3354	1153	2201	Final vacuum not recorded in Toughbook.
VMP-50-30	1/30/2014	1542	-2.14	-2.10	8.2	OVR	3.2	18.6	560	3900	205.0	3695	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-50-30	2/25/2014	1445	-1.43	-1.02	2.7	54	2.6	19.8	386	3520	516.0	3004	
VMP-50-30	3/20/2014	1439	-1.40	-1.49	4.1	82	2.2	19.3	536	4450	219.0	4231	
VMP-50-30	4/24/2014	0958	-2.64	-2.52	3.3	66	1.7	19.5	397	3935	90.0	3845	
VMP-50-30	5/22/2014	1423	-2.97	-2.93	1.8	36	1.5	19.6	298	2465	353.5	2111.5	
VMP-50-30	6/18/2014	1128	-2.77	-2.67	2.4	48	1.9	19.2	355	2950	420.0	2530	
VMP-50-30	7/24/2014	1440	-2.73	-2.84	0.9	18	1.9	19.2	249	1389	24.7	1364.34	
VMP-50-30-Dup	7/24/2014	1445	NM	NM	1.1	23	1.6	19.6	310	1822	23.7	1798.3	Duplicate Sample.
VMP-50-30	8/20/2014	1500	-3.18	-3.20	0.9	18	2.0	19.8	268	1260	64.9	1195.1	
VMP-50-30	9/18/2014	1008	-2.58	-2.58	0.9	18	2.6	18.7	237	1239	58.7	1180.3	
VMP-50-30	10/22/2014	1006	-4.44	-3.92	0.4	9	2.0	19.4	131	398	69.3	328.7	
VMP-50-30	11/19/2014	1443	-2.39	-2.14	5.2	OVR	2.0	19.2	820	4920	37.8	4882.2	
VMP-50-30	12/18/2014	1341	-3.61	-3.71	2.4	48	2.2	19.1	481	2500	25.1	2474.9	
VMP-50-30	1/29/2015	1415	-0.28	-4.50	3.5	70	2.1	19.0	588	3859	21.1	3837.9	
VMP-50-30	2/26/2015	1500	-4.33	-4.35	2.4	48	2.2	18.9	465	2756	24.1	2731.9	
VMP-50-30	3/26/2015	1526	-4.12	-4.20	2.1	43	1.9	19.4	559	2280	69.0	2211.0	
VMP-50-30	4/23/2015	1415	-3.90	-3.84	1.8	36	1.7	18.9	514	2556	15.9	2540.1	
VMP-50-30	5/21/2015	1415	-4.55	-4.52	1.0	20	1.1	19.4	355	1718	23.8	1694.2	
VMP-50-30	6/18/2015	1042	-4.68	-4.86	1.2	24	1.4	19.6	286	1631	11.4	1619.6	
VMP-50-30	7/23/2015	1407	-4.69	-4.75	1.8	36	2.1	19.0	399	2493	36.1	2456.9	
VMP-50-30	8/20/2015	1415	-5.17	-5.03	0.6	12	1.3	19.7	244	1007	6.8	1000.2	
VMP-50-30	9/17/2015	1405	-5.57	-5.17	0.8	16	1.5	19.7	299	1382	9.2	1372.8	
VMP-50-30	10/22/2015	1355	-5.06	-5.05	0.6	12	1.4	19.9	301	1127	8.5	1118.5	
VMP-50-30	11/24/2015	1311	-5.86	-5.94	0.4	8	1.0	20.2	173	667	2.8	664.2	
VMP-50-30	12/18/2015	1105	-0.48	-0.39	0.7	15	1.6	19.1	247	1077	5.3	1071.7	
VMP-50-30	1/22/2016	1301	-0.38	-1.44	0.4	8	1.6	19.6	148	636	24.1	612	
VMP-50-30	2/18/2016	1144	-6.47	-5.89	0.4	8	1.3	19.7	151	599	3.9	595	
VMP-50-30	3/23/2016	1405	-5.88	-5.80	0.2	4	0.7	20.1	51.6	277	2.1	275	
VMP-50-30	4/20/2016	1530	0.11	0.07	0.5	11	1.8	19.4	181	927	33.5	894	
VMP-50-30	5/18/2016	1625	-7.61	-7.65	0.2	4	0.7	20.3	80.4	323	3.5	320	
VMP-50-30	6/22/2016	1140	-4.11	-4.04	0.0	1	0.7	19.6	14.2	205	115	90.0	
VMP-50-30	7/22/2016	0903	-2.91	-2.31	0.2	4	1.7	19.1	27.9	693	524	169	
VMP-50-30	8/25/2016	1318	-5.08	-5.01	0.3	7	2.2	18.5	117	436	11.9	424	
VMP-50-30	9/22/2016	1141	-1.94	-1.99	0.2	4	1.7	19.1	58.8	262	15.5	247	
VMP-50-30	10/21/2016	1238	-3.95	-3.78	0.1	2	1.7	19.3	44.4	218	22.5	196	
VMP-50-30	11/17/2016	1002	-1.65	-1.51	0.3	6	2.3	18.8	69.4	366	78.3	288	
VMP-50-30	12/5/2016	1008	0.12	NM	0.5	11	2.2	18.2	49.6	2150	1712	438	
VMP-50-30	12/22/2016	1454	4.30	3.73	0.0	1	1.5	19.5	10.2	207	159	48.0	Initial vacuum measured at -3.70 inwc on 12/28/2016.
VMP-50-30-Dup	12/22/2016	1454	NM	NM	0.1	2	2.0	19.2	23.8	293	178	115	Duplicate sample.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-51-5	2/25/2013	1440	0.02	0.02	0.0	0	0.4	20.6	0.2	1.2	0.0	1.2	Initial monthly sample after installation.
VMP-51-5	3/21/2013	1144	-0.04	0.00	0.0	0	0.4	20.6	0.5	2.0	0.0	2.0	
VMP-51-5	4/24/2013	1338	-0.09	-0.08	0.0	0	1.0	19.7	0.5	1.3	0.0	1.3	
VMP-51-5	5/23/2013	1112	-0.07	-0.09	0.0	0	0.7	20.2	0.2	1.1	0.0	1.1	
VMP-51-5	6/25/2013	1421	0.00	0.00	0.0	0	2.8	17.4	0.4	2.0	0.0	2.0	
VMP-51-5	7/25/2013	1308	0.00	0.00	0.0	0	1.0	20.0	0.9	2.5	0.0	2.5	
VMP-51-5	8/28/2013	1402	0.00	0.00	0.0	0	0.6	20.2	1.0	2.3	0.0	2.3	
VMP-51-5	9/26/2013	1020	-0.05	-0.03	0.0	0	0.6	20.6	0.6	1.9	0.0	1.9	
VMP-51-5	10/23/2013	1519	-0.06	-0.05	0.0	0	0.3	20.9	0.4	1.1	0.0	1.1	
VMP-51-5	11/20/2013	1445	0.00	0.00	0.0	0	0.2	20.8	0.2	1.3	0.0	1.3	
VMP-51-5	12/19/2013	1025	-0.12	-0.02	0.0	0	0.1	20.9	0.3	1.9	0.0	1.9	
VMP-51-5	1/30/2014	1359	-0.03	0.00	0.0	0	0.1	20.9	0.2	1.42	0.0	1.42	
VMP-51-5	2/19/2014	1407	-0.05	-0.05	0.0	0	0.3	20.7	1.1	1.05	0.0	1.05	
VMP-51-5	3/20/2014	1408	0.00	0.00	0.0	0	0.2	20.7	1.0	2.44	0.0	2.44	
VMP-51-5	4/24/2014	1108	0.00	0.00	0.0	0	0.4	20.8	1.0	1.6	0.0	1.6	
VMP-51-5	5/22/2014	1623	-0.04	-0.06	0.0	0	0.7	20.3	1.9	2.56	0.0	2.56	
VMP-51-5	6/19/2014	1348	0.00	-0.08	0.0	0	0.8	20.5	1.4	1.18	0.0	1.18	
VMP-51-5	7/24/2014	1435	0.00	0.00	0.0	0	0.6	20.7	1.4	1.49	0.0	1.49	
VMP-51-5	8/20/2014	1540	-0.15	-0.09	0.0	0	0.7	20.5	1.8	2.86	0.0	2.86	
VMP-51-5	9/18/2014	1312	0.00	0.00	0.0	0	0.7	20.5	0.8	1.54	0.0	1.54	
VMP-51-5	10/22/2014	0852	-0.09	-0.10	0.0	0	0.3	20.9	1.2	1.05	0.0	1.05	
VMP-51-5	11/20/2014	1516	0.00	0.00	0.0	0	0.2	20.8	0.9	1.06	0.0	1.06	
VMP-51-5	12/18/2014	0905	-0.18	0.00	0.0	0	0.2	20.9	1.6	0.89	0.0	0.89	
VMP-51-5	1/29/2015	1436	0.00	0.00	0.0	0	0.1	20.9	1.1	1.2	0.0	1.2	
VMP-51-5	2/26/2015	1516	-0.11	0.00	0.0	0	0.2	20.9	0.4	1.5	0.0	1.5	
VMP-51-5	3/26/2015	1339	0.00	0.00	0.0	0	0.3	20.5	0.5	0.9	0.0	0.9	
VMP-51-5	4/23/2015	1505	-0.11	0.00	0.0	0	0.4	20.7	0.7	2.4	0.0	2.4	
VMP-51-5	5/21/2015	1255	0.00	-0.10	0.0	0	0.8	20.4	0.3	2.4	0.0	2.4	
VMP-51-5	6/18/2015	0943	-0.42	0.00	0.0	0	1.3	19.2	0.4	1.8	0.0	1.8	
VMP-51-5	7/22/2015	1448	0.00	-0.11	0.0	0	0.4	20.6	0.5	0.0	0.0	0.0	
VMP-51-5	8/20/2015	1110	0.00	0.00	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	
VMP-51-5	9/17/2015	1015	0.00	0.0	0.0	0	0.3	20.7	0.7	0.0	0.0	0.0	
VMP-51-5	10/22/2015	1005	0.00	-0.09	0.0	0	0.1	20.7	0.5	0.8	0.0	0.8	
VMP-51-5	11/24/2015	1200	0.00	0.00	0.0	0	0.0	20.9	0.3	0	0.0	0.0	
VMP-51-5	12/18/2015	0935	0.00	0.00	0.0	0	0.0	20.9	0.1	0	0.0	0.0	
VMP-51-5	1/21/2016	1455	-0.79	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-51-5	2/18/2016	1128	-0.20	0.00	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-51-5	3/23/2016	0825	-0.17	-0.16	0.0	0	0.1	20.9	0.3	0.0	0.0	0.0	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-51-5	4/21/2016	1345	0.00	0.00	0.0	0	0.3	20.3	0.0	0.0	0.0	0.0	
VMP-51-5	5/18/2016	1435	-0.15	0.00	0.0	0	0.3	20.7	0.5	0.5	0.0	0.5	
VMP-51-5	6/22/2016	0930	0.00	0.00	0.0	0	0.3	20.6	0.5	0.6	0.0	0.6	
VMP-51-5	7/21/2016	1540	0.00	0.00	0.0	0	0.7	20.0	0.6	0.0	0.0	0.0	
VMP-51-5	8/25/2016	1025	-0.10	0.00	0.0	0	0.8	20.4	0.2	0.0	0.0	0.0	
VMP-51-5	9/22/2016	1017	0.00	0.0	0.0	0	0.8	20.3	0.1	0.0	0.0	0.0	
VMP-51-5	10/21/2016	1034	0.00	0.00	0.0	0	0.5	20.4	0.2	0.0	0.0	0.0	
VMP-51-5	11/17/2016	0828	0.00	0.00	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-51-5	12/22/2016	1402	0.00	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-51-10	2/25/2013	1440	0.00	0.00	0.0	0	0.6	20.3	0.2	0.5	0.0	0.5	Initial monthly sample after installation.
VMP-51-10	3/21/2013	1154	0.00	0.00	0.0	0	0.4	20.6	0.5	1.6	0.0	1.6	
VMP-51-10	4/24/2013	1342	-0.22	-0.20	0.0	0	1.0	19.5	0.6	0.9	0.0	0.9	
VMP-51-10	5/23/2013	1112	0.00	-0.20	0.0	0	1.3	19.5	0.3	0.5	0.0	0.5	
VMP-51-10	6/25/2013	1426	0.00	0.00	0.0	0	2.5	17.7	0.6	0.8	0.0	0.8	
VMP-51-10	7/25/2013	1313	0.00	0.00	0.0	0	1.5	19.6	0.9	1.8	0.0	1.8	
VMP-51-10	8/28/2013	1403	0.00	-0.07	0.0	0	0.8	19.9	0.8	1.0	0.0	1.0	
VMP-51-10	9/26/2013	1022	-0.03	-0.14	0.0	0	0.8	20.4	0.6	1.0	0.0	1.0	
VMP-51-10	10/23/2013	1523	-0.16	-0.14	0.0	0	0.4	20.7	0.5	0.8	0.0	0.8	
VMP-51-10	11/20/2013	1451	-0.15	-0.14	0.0	0	0.3	20.7	0.1	0.4	0.0	0.4	
VMP-51-10	12/19/2013	1029	-0.18	-0.23	0.0	0	0.3	20.9	0.3	0.2	0.0	0.2	
VMP-51-10	1/30/2014	1401	-0.19	-0.20	0.0	0	0.3	20.7	0.1	1.09	0.0	1.09	
VMP-51-10	2/19/2014	1411	0.00	-0.12	0.0	0	0.3	20.7	1.0	0.72	0.0	0.72	
VMP-51-10	3/20/2014	1409	0.00	0.00	0.0	0	0.2	20.6	1.1	2.25	0.0	2.25	
VMP-51-10	4/24/2014	1108	0.00	0.00	0.0	0	0.2	20.6	1.0	1.5	0.0	1.5	
VMP-51-10	5/22/2014	1623	-0.06	-0.12	0.0	0	1.1	20.0	0.8	1.48	0.0	1.48	
VMP-51-10	6/19/2014	1353	0.00	-0.03	0.0	0	1.0	20.2	0.7	0.71	0.0	0.71	
VMP-51-10	7/24/2014	1435	0.00	0.00	0.0	0	0.0	20.9	1.7	1.48	0.0	1.48	
VMP-51-10	8/20/2014	1545	0.00	-0.05	0.0	0	1.2	19.9	1.9	2.28	0.0	2.28	
VMP-51-10	9/18/2014	1317	-0.10	-0.21	0.0	0	1.2	20.2	1.1	0.78	0.0	0.78	
VMP-51-10	10/22/2014	0852	-0.24	-0.27	0.0	0	0.6	20.7	1.7	0.98	0.0	0.98	
VMP-51-10	11/20/2014	1516	-0.07	-0.07	0.0	0	0.3	20.7	1.1	0.37	0.0	0.37	
VMP-51-10	12/18/2014	0909	-0.35	-0.17	0.0	0	0.3	20.8	1.4	1.25	0.0	1.25	
VMP-51-10	1/29/2015	1438	-0.19	-0.21	0.0	0	0.2	20.9	1.4	0.8	0.0	0.8	
VMP-51-10	2/26/2015	1516	-0.26	-0.26	0.0	0	0.2	20.8	0.8	0.9	0.0	0.9	
VMP-51-10	3/26/2015	1339	-0.20	-0.16	0.0	0	0.4	20.4	0.4	0.7	0.0	0.7	
VMP-51-10	4/23/2015	1510	-0.26	-0.20	0.0	0	0.6	20.6	1.3	2.6	0.0	2.6	
VMP-51-10	5/21/2015	1300	-0.22	-0.26	0.0	0	1.1	20.0	0.3	1.1	0.0	1.1	
VMP-51-10	6/18/2015	0947	-0.28	-0.23	0.0	0	1.6	19.1	0.3	0.9	0.0	0.9	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-51-10-Dup	6/18/2015	0947	NM	NM	0.0	0	1.6	19.1	0.4	1.0	0.0	1.0	Duplicate sample.
VMP-51-10	7/22/2015	1452	-0.24	-0.26	0.0	0	0.9	20.1	0.5	0.0	0.0	0.0	
VMP-51-10	8/20/2015	1115	-0.27	-0.25	0.0	0	1.3	19.8	0.4	0.0	0.0	0.0	
VMP-51-10	9/17/2015	1020	-0.25	-0.14	0.0	0	0.6	20.4	0.6	0.0	0.0	0.0	
VMP-51-10	10/22/2015	1010	-0.16	-0.40	0.0	0	0.2	20.7	0.5	0.3	0.0	0.3	
VMP-51-10	11/24/2015	1205	-0.25	-0.21	0.0	0	0.3	20.8	0.2	0	0.0	0.0	
VMP-51-10	12/18/2015	0940	-0.14	0.00	0.0	0	0.1	20.5	0.1	0	0.0	0.0	
VMP-51-10	1/21/2016	1456	-0.12	-0.21	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-51-10	2/18/2016	1134	-0.19	0.00	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-51-10	3/23/2016	0830	-0.35	-0.35	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-51-10	4/21/2016	1350	-0.20	-0.21	0.0	0	0.4	20.4	0.1	0.0	0.0	0.0	
VMP-51-10	5/18/2016	1440	-0.35	-0.35	0.0	0	0.6	20.3	0.5	0.0	0.0	0.0	
VMP-51-10	6/22/2016	0935	-0.17	-0.13	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	
VMP-51-10	7/21/2016	1541	0.00	0.00	0.0	0	1.3	19.1	0.5	0.0	0.0	0.0	
VMP-51-10	8/25/2016	1026	-0.25	-0.10	0.0	0	1.1	20.0	0.3	0.0	0.0	0.0	
VMP-51-10	9/22/2016	1018	0.00	0.00	0.0	0	1.4	19.8	0.0	0.0	0.0	0.0	
VMP-51-10	10/21/2016	1037	-0.17	-0.17	0.0	0	0.9	19.9	0.2	0.0	0.0	0.0	
VMP-51-10	11/17/2016	0829	0.00	0.00	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-51-10	12/22/2016	1405	0.24	0.19	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-51-20	2/25/2013	1445	0.10	0.11	0.0	0	2.9	19.2	0.3	0.5	0.0	0.5	Initial monthly sample after installation.
VMP-51-20	3/21/2013	1154	-0.18	-0.17	0.0	0	2.0	19.7	0.6	0.5	0.0	0.5	
VMP-51-20	4/24/2013	1346	-0.50	-0.44	0.0	0	1.8	19.4	0.6	0.3	0.0	0.3	
VMP-51-20	5/23/2013	1113	-0.41	-0.59	0.0	0	1.8	18.9	0.3	0.1	0.0	0.1	
VMP-51-20	6/25/2013	1431	-0.06	-0.12	0.0	0	2.2	18.4	0.5	0.2	0.0	0.2	
VMP-51-20	7/25/2013	1318	-0.15	-0.13	0.0	0	2.8	17.8	0.9	0.5	0.0	0.5	
VMP-51-20	8/28/2013	1405	-0.20	-0.20	0.0	0	3.3	18.2	0.9	0.3	0.0	0.3	
VMP-51-20	9/26/2013	1024	-0.39	-0.39	0.0	0	2.9	19.0	0.5	0.6	0.0	0.6	
VMP-51-20	10/23/2013	1527	-0.37	-0.32	0.0	0	1.9	19.8	0.5	0.0	0.0	0.0	
VMP-51-20	11/20/2013	1457	-0.36	-0.32	0.0	0	1.4	20.1	0.2	0.4	0.0	0.4	
VMP-51-20	12/19/2013	1033	-0.39	-0.24	0.0	0	1.5	20.2	0.4	0.1	0.0	0.1	
VMP-51-20	1/30/2014	1401	-0.25	-0.37	0.0	0	1.2	20.3	0.2	0.8	0.0	0.8	
VMP-51-20	2/19/2014	1415	-0.45	-0.24	0.0	0	1.0	20.3	1.1	0.58	0.0	0.58	
VMP-51-20	3/20/2014	1410	-0.07	-0.07	0.0	0	0.7	20.3	1.0	1.29	0.0	1.29	
VMP-51-20	4/24/2014	1109	-0.30	-0.12	0.0	0	0.6	20.3	0.8	1.19	0.0	1.19	
VMP-51-20	5/22/2014	1623	-0.28	-0.33	0.0	0	0.8	19.7	1.8	1.75	0.0	1.75	
VMP-51-20	6/19/2014	1355	-0.32	-0.34	0.0	0	0.7	19.2	0.7	0.44	0.0	0.44	
VMP-51-20	7/24/2014	1435	-0.33	-0.36	0.0	0	2.1	19.5	2.1	0.86	0.0	0.86	
VMP-51-20	8/20/2014	1550	-0.43	-0.39	0.0	0	1.8	19.3	2.2	0.67	0.0	0.67	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-51-20	9/18/2014	1322	-0.27	-0.24	0.0	0	2.2	19.5	1.0	0.12	0.0	0.12	
VMP-51-20	10/22/2014	0853	-0.58	-0.64	0.0	0	1.5	20.0	1.4	0.41	0.0	0.41	
VMP-51-20	11/20/2014	1517	-0.16	-0.16	0.0	0	1.2	20.1	0.9	0.21	0.0	0.21	
VMP-51-20	12/18/2014	0912	-0.50	-0.45	0.0	0	0.9	20.4	0.8	0.41	0.0	0.41	
VMP-51-20	1/29/2015	1440	-0.51	-0.59	0.0	0	0.7	20.5	1.3	0.1	0.0	0.1	
VMP-51-20	2/26/2015	1516	-0.58	-0.58	0.0	0	0.6	20.7	0.4	0.3	0.0	0.3	
VMP-51-20	3/26/2015	1339	-0.49	-0.42	0.0	0	0.5	20.7	0.6	0.4	0.0	0.4	
VMP-51-20	4/23/2015	1515	-0.60	-0.58	0.0	0	0.4	20.4	1.1	1.6	0.0	1.6	
VMP-51-20	5/21/2015	1305	-0.64	-0.68	0.0	0	0.7	19.8	0.4	0.9	0.0	0.9	
VMP-51-20	6/18/2015	0951	-0.68	-0.68	0.0	0	1.3	19.5	0.6	0.0	0.0	0.0	
VMP-51-20	7/22/2015	1456	-0.62	-0.63	0.0	0	1.7	19.4	0.4	0.0	0.0	0.0	
VMP-51-20	8/20/2015	1120	-0.71	-0.67	0.0	0	1.6	19.2	0.3	0.0	0.0	0.0	
VMP-51-20	9/17/2015	1030	-0.62	-0.48	0.0	0	1.4	19.9	0.4	0.0	0.0	0.0	
VMP-51-20	10/22/2015	1015	-0.48	-0.56	0.0	0	0.9	20.3	0.6	0	0.0	0.0	
VMP-51-20	11/24/2015	1210	-0.58	-0.52	0.0	0	0.5	20.6	0.3	0	0.0	0.0	
VMP-51-20	12/18/2015	0945	-0.25	-0.15	0.0	0	0.3	20.7	0.2	0	0.0	0.0	
VMP-51-20	1/21/2016	1501	-0.37	-0.40	0.0	0	0.4	20.4	0.1	0.0	0.0	0.0	
VMP-51-20	2/18/2016	1139	-0.50	-0.25	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	
VMP-51-20	3/23/2016	0835	-0.83	-0.82	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-51-20	4/21/2016	1355	-0.53	-0.49	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-51-20	5/18/2016	1445	-0.88	-0.84	0.0	0	0.8	20.1	0.5	0.0	0.0	0.0	
VMP-51-20	6/22/2016	0940	-0.45	-0.35	0.0	0	1.1	19.7	0.5	0.0	0.0	0.0	
VMP-51-20	8/25/2016	1027	-0.62	-0.43	0.0	0	1.6	19.3	0.7	0.0	0.0	0.0	
VMP-51-20	9/22/2016	1019	-0.13	-0.13	0.0	0	1.8	19.2	0.1	0.0	0.0	0.0	
VMP-51-20	10/21/2016	1039	-0.46	-0.45	0.0	0	2.0	19.0	0.0	0.0	0.0	0.0	
VMP-51-20	11/17/2016	0830	0.00	-0.16	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	
VMP-51-20	12/22/2016	1408	0.32	0.54	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	Initial vacuum measured at -0.31 inwc on 12/28/2016.
VMP-51-30	2/25/2013	1445	0.10	0.09	0.0	0	3.5	18.5	0.3	0.9	0.0	0.9	Initial monthly sample after installation.
VMP-51-30	3/21/2013	1159	-0.16	-0.17	0.0	0	3.1	18.8	0.7	0.7	0.0	0.7	
VMP-51-30	4/24/2013	1350	-0.51	-0.45	0.0	0	2.6	19.0	0.7	0.4	0.0	0.4	
VMP-51-30	5/23/2013	1113	-0.44	-0.59	0.0	0	2.2	18.9	0.3	0.2	0.0	0.2	
VMP-51-30	6/25/2013	1438	-0.14	-0.46	0.0	0	2.5	18.3	0.6	0.1	0.0	0.1	
VMP-51-30	7/25/2013	1323	-0.46	-0.48	0.0	0	3.0	17.5	0.9	0.8	0.0	0.8	
VMP-51-30	8/28/2013	1406	-0.20	-0.19	0.0	0	3.6	17.5	1.0	0.6	0.0	0.6	
VMP-51-30	9/26/2013	1025	-0.41	-0.41	0.0	0	3.5	18.4	0.5	0.4	0.0	0.4	
VMP-51-30	10/23/2013	1531	-0.38	-0.33	0.0	0	2.6	19.3	0.6	0.3	0.0	0.3	
VMP-51-30	11/20/2013	1503	-0.38	-0.36	0.0	0	2.2	19.5	0.2	0.2	0.0	0.2	
VMP-51-30	12/19/2013	1037	-0.40	-0.26	0.0	0	2.1	19.7	0.4	0.2	0.0	0.2	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-51-30	1/30/2014	1405	-0.29	-0.38	0.0	0	1.9	19.8	0.2	0.64	0.0	0.64	
VMP-51-30	2/19/2014	1419	-0.44	-0.27	0.0	0	1.8	19.8	1.1	0.8	0.0	0.8	
VMP-51-30	3/20/2014	1411	-0.06	-0.08	0.0	0	1.4	19.9	1.1	1.48	0.0	1.48	
VMP-51-30	4/24/2014	1108	-0.25	-0.11	0.0	0	1.1	20.0	0.4	1.15	0.0	1.15	
VMP-51-30	5/22/2014	1623	-0.25	-0.35	0.0	0	1.2	19.5	1.2	0.97	0.0	0.97	
VMP-51-30	6/19/2014	1358	0.00	-0.35	0.0	0	1.5	19.1	1.1	0.81	0.0	0.81	
VMP-51-30	7/24/2014	1436	-0.15	-0.42	0.0	0	2.3	19.2	2.2	1.28	0.0	1.28	
VMP-51-30	8/20/2014	1555	-0.41	-0.39	0.0	0	2.2	19.1	2.1	1.09	0.0	1.09	
VMP-51-30	9/18/2014	1327	-0.24	-0.31	0.0	0	2.6	19.1	0.8	0.43	0.0	0.43	
VMP-51-30	10/22/2014	0853	-0.37	-0.67	0.0	0	2.1	19.5	1.1	0.7	0.0	0.7	
VMP-51-30	11/20/2014	1518	-0.19	-0.19	0.0	0	1.7	19.8	1.0	0.24	0.0	0.24	
VMP-51-30	12/18/2014	0915	-0.47	-0.47	0.0	0	1.5	20.0	2.1	0.15	0.0	0.15	
VMP-51-30	1/29/2015	1442	-0.55	-0.61	0.0	0	1.2	20.2	2.4	0.4	0.0	0.4	
VMP-51-30	2/26/2015	1516	-0.64	-0.59	0.0	0	1.0	20.3	0.6	0.2	0.0	0.2	
VMP-51-30	3/26/2015	1340	-0.51	-0.44	0.0	0	0.5	20.8	0.7	0.9	0.0	0.9	
VMP-51-30	4/23/2015	1520	-0.61	-0.61	0.0	0	0.8	19.8	1.2	1.4	0.0	1.4	
VMP-51-30	5/21/2015	1310	-0.37	-0.68	0.0	0	0.8	20.0	0.1	1.8	0.0	1.8	
VMP-51-30	6/18/2015	0955	-0.16	-0.64	0.0	0	0.0	20.9	0.6	2.2	0.0	2.2	
VMP-51-30	7/22/2015	1500	-0.57	-0.46	0.0	0	0.7	20.2	0.3	0.0	0.0	0.0	
VMP-51-30	8/20/2015	1125	-0.64	-0.34	0.0	0	1.5	19.4	0.2	0.0	0.0	0.0	
VMP-51-30-Dup	8/20/2015	1125	NM	NM	0.0	0	1.5	19.4	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-51-30	9/17/2015	1030	-0.65	-0.38	0.0	0	1.2	19.8	0.5	0	0.0	0.0	
VMP-51-30-Dup	9/17/2015	1030	NM	NM	0.0	0	1.7	19.3	0.6	0	0.0	0.0	Duplicate sample.
VMP-51-30	10/22/2015	1020	0.00	0.00	0.0	0	0.1	20.7	0.6	0.7	0.0	0.7	
VMP-51-30	11/24/2015	1215	-0.18	-0.52	0.0	0	0.9	20.4	0.3	0.0	0.0	0.0	
VMP-51-30	12/18/2015	0950	0.00	-0.15	0.0	0	0.6	20.5	0.1	0	0.0	0.0	
VMP-51-30-Dup	12/18/2015	0951	NM	NM	0.0	0	0.5	20.6	0.1	0	0.0	0.0	Duplicate sample.
VMP-51-30	1/21/2016	1506	-0.30	-0.40	0.0	0	0.9	20.1	0.2	0.0	0.0	0.0	
VMP-51-30	2/18/2016	1144	-0.33	-0.22	0.0	0	0.7	20.2	0.4	0.0	0.0	0.0	
VMP-51-30	3/23/2016	0840	-0.11	-0.86	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	
VMP-51-30	4/21/2016	1400	-0.55	-0.54	0.0	0	0.9	20.1	0.0	0.0	0.0	0.0	
VMP-51-30	5/18/2016	1450	-0.91	-0.86	0.0	0	1.0	19.9	0.4	0.0	0.0	0.0	
VMP-51-30	6/22/2016	0945	-0.47	-0.37	0.0	0	1.2	19.5	0.4	0.0	0.0	0.0	
VMP-51-30	7/21/2016	1543	-0.21	-0.19	0.0	0	1.5	19.2	0.1	0.0	0.0	0.0	
VMP-51-30	8/25/2016	1028	-0.64	-0.44	0.0	0	1.8	19.1	0.4	0.0	0.0	0.0	
VMP-51-30	9/22/2016	1020	-0.10	-0.09	0.0	0	2.1	18.9	0.0	0.0	0.0	0.0	
VMP-51-30	10/21/2016	1042	-0.47	-0.45	0.0	0	2.3	18.9	0.0	0.0	0.0	0.0	
VMP-51-30	11/17/2016	0831	0.00	-0.12	0.0	0	2.2	19.0	0.1	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-51-30-Dup	11/17/2016	0831	NM	NM	0.0	0	2.2	19.0	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-51-30	12/22/2016	1411	0.22	-6.27	0.0	0	1.9	19.3	0.0	0.0	0.0	0.0	Initial vacuum measured at -0.50 inwc on 12/28/2016.
VMP-52-5	2/25/2013	1420	0.00	-0.02	0.0	0	1.1	18.9	0.4	0.6	0.0	0.6	Initial monthly sample after installation.
VMP-52-5	3/21/2013	1524	0.00	0.00	0.0	0	0.8	18.5	0.5	1.4	0.0	1.4	
VMP-52-5	4/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-52-5	5/23/2013	956	0.00	0.00	0.0	0	3.1	14.2	0.4	0.1	0.0	0.1	
VMP-52-5	6/25/2013	1607	0.00	0.00	0.0	0	4.8	11.0	0.9	1.0	0.0	1.0	
VMP-52-5	7/25/2013	1014	0.00	0.00	0.0	0	7.0	14.6	0.8	0.3	0.0	0.3	
VMP-52-5	8/29/2013	1515	0.00	0.00	0.0	0	5.7	16.5	0.9	1.3	0.0	1.3	
VMP-52-5	9/26/2013	1041	0.00	0.00	0.0	0	3.2	18.8	0.5	1.6	0.0	1.6	
VMP-52-5	10/23/2013	1536	0.00	0.00	0.0	0	1.0	20.4	0.8	1.2	0.0	1.2	
VMP-52-5	11/20/2013	1312	0.00	0.00	0.0	0	0.9	20.0	0.5	1.3	0.0	1.3	
VMP-52-5	12/19/2013	0934	-0.03	0.02	0.0	0	0.5	19.9	0.4	4.1	0.0	4.1	
VMP-52-5	1/30/2014	1109	0.00	0.00	0.0	0	0.4	20.7	0.3	3.52	0.0	3.52	
VMP-52-5	2/19/2014	1520	0.00	-0.10	0.0	0	0.5	19.1	1.3	2.02	0.0	2.02	
VMP-52-5	3/20/2014	1324	-0.37	-0.61	0.0	0	0.5	19.9	0.9	2.78	0.0	2.78	
VMP-52-5	4/24/2014	1146	0.00	0.00	0.0	0	1.0	18.9	0.6	1.29	0.0	1.29	
VMP-52-5	5/22/2014	1447	0.00	0.00	0.0	0	2.2	16.6	1.1	0.38	0.0	0.38	
VMP-52-5	6/18/2014	1512	0.00	0.00	0.0	0	4.2	14.7	1.7	0.93	0.0	0.93	
VMP-52-5	7/24/2014	1406	0.00	0.00	0.0	0	5.7	16.3	1.6	0.99	0.0	0.99	
VMP-52-5	8/20/2014	0934	0.00	0.00	0.0	0	4.8	12.3	1.2	0.23	0.0	0.23	
VMP-52-5	9/17/2014	1010	0.00	0.00	0.0	0	5.8	13.6	0.9	0.63	0.0	0.63	
VMP-52-5	10/22/2014	0900	0.00	0.00	0.0	0	4.0	15.6	0.5	0.89	0.0	0.89	
VMP-52-5	11/20/2014	1328	0.00	0.00	0.0	0	2.5	19.1	0.9	1.2	0.0	1.2	
VMP-52-5	12/18/2014	1046	0.00	0.00	0.0	0	1.5	19.0	1.4	0.27	0.0	0.27	
VMP-52-5	1/29/2015	1136	0.00	0.00	0.0	0	1.4	19.8	0.6	0.5	0.0	0.5	
VMP-52-5	2/27/2015	1359	0.00	0.00	0.0	0	1.2	20.0	0.7	1.0	0.0	1.0	
VMP-52-5	3/26/2015	1122	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged
VMP-52-5	4/22/2015	1520	-0.22	0.00	0.0	0	2.2	17.8	0.9	0.2	0.0	0.2	
VMP-52-5	5/21/2015	1015	0.00	0.00	0.0	0	3.1	16.2	0.7	0.8	0.0	0.8	
VMP-52-5	6/17/2015	1331	0.00	0.00	0.0	0	4.5	12.4	0.5	0.0	0.0	0.0	
VMP-52-5	7/22/2015	1410	0.00	0.00	0.0	0	7.5	12.0	0.3	0.0	0.0	0.0	
VMP-52-5	8/20/2015	0935	0.00	0.00	0.0	0	5.3	14.0	0.3	0.0	0.0	0.0	
VMP-52-5	9/17/2015	0920	0.00	0.0	0.0	0	5.4	17.1	0.6	0.0	0.0	0.0	
VMP-52-5	10/22/2015	0858	0.00	0.00	0.0	0	2.0	19.6	0.8	0	0.0	0.0	
VMP-52-5	11/24/2015	1008	0.00	0.00	0.0	0	1.0	18.4	0.2	0	0.0	0.0	
VMP-52-5	12/17/2015	1150	-0.22	0.00	0.0	0	0.3	19.3	0.2	0	0.0	0.0	
VMP-52-5	1/21/2016	1357	-0.20	0.00	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-52-5	2/18/2016	1155	0.00	0.00	0.0	0	0.5	20.3	0.2	0.0	0.0	0.0	
VMP-52-5	3/23/2016	1000	0.00	0.00	0.0	0	0.7	20.0	0.2	0.0	0.0	0.0	
VMP-52-5	4/21/2016	1415	-0.03	0.00	0.0	0	1.0	19.3	0.3	0.0	0.0	0.0	
VMP-52-5	5/18/2016	1315	-0.04	0.03	0.0	0	1.8	18.4	1.0	0.0	0.0	0.0	
VMP-52-5	6/22/2016	0845	0.00	0.00	0.0	0	3.9	16.9	0.4	0.0	0.0	0.0	
VMP-52-5	7/21/2016	0900	0.00	0.00	0.0	0	3.3	11.7	0.2	0.0	0.0	0.0	
VMP-52-5	8/24/2016	1605	0.00	0.00	0.0	0	5.7	14.0	0.3	0.0	0.0	0.0	
VMP-52-5	9/22/2016	0912	0.00	0.0	0.0	0	4.8	14.0	0.2	0.0	0.0	0.0	
VMP-52-5	10/21/2016	0929	-0.20	0.00	0.0	0	2.1	18.0	0.0	0.0	0.0	0.0	
VMP-52-5	11/16/2016	1359	0.00	0.00	0.0	0	2.6	18.5	0.3	0.0	0.0	0.0	
VMP-52-5	12/22/2016	0907	-0.21	-0.28	0.0	0	1.3	20.3	0.1	1.3	1.3	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-52-10	2/25/2013	1420	0.05	0.02	0.0	0	1.8	17.3	0.4	2.5	0.0	2.5	Initial monthly sample after installation.
VMP-52-10	3/21/2013	1531	0.03	0.00	0.0	0	1.5	18.6	0.6	1.2	0.0	1.2	
VMP-52-10	4/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-52-10	5/23/2013	956	0.32	-0.11	0.0	0	3.2	16.2	0.5	0.3	0.0	0.3	
VMP-52-10	6/25/2013	1613	0.00	0.00	0.0	0	4.1	14.7	0.8	3.2	0.0	3.2	
VMP-52-10	7/25/2013	1018	0.00	0.00	0.0	0	5.8	13.2	0.8	0.8	0.0	0.8	
VMP-52-10	8/29/2013	1519	0.00	0.00	0.0	0	6.1	15.4	1.0	0.6	0.0	0.6	
VMP-52-10	9/26/2013	1041	0.00	0.00	0.0	0	6.3	17.1	0.5	0.5	0.0	0.5	
VMP-52-10	10/23/2013	1540	-0.05	0.00	0.0	0	4.7	18.4	0.7	0.3	0.0	0.3	
VMP-52-10	11/20/2013	1317	0.00	-0.05	0.0	0	3.9	19.0	0.4	0.1	0.0	0.1	
VMP-52-10	12/19/2013	0938	-0.19	-0.36	0.0	0	2.5	19.9	0.3	0.1	0.0	0.1	
VMP-52-10	1/30/2014	1111	-0.20	-0.13	0.0	0	2.0	19.4	0.2	0.71	0.0	0.71	
VMP-52-10	2/19/2014	1525	0.05	0.00	0.0	0	1.4	19.9	1.3	0.17	0.0	0.17	
VMP-52-10	3/20/2014	1325	0.00	0.00	0.0	0	1.4	19.5	1.0	1.98	0.0	1.98	
VMP-52-10	4/24/2014	1147	0.00	0.00	0.0	0	1.0	19.1	0.7	1.1	0.0	1.1	
VMP-52-10	5/22/2014	1450	0.00	0.00	0.0	0	2.0	18.4	1.0	0.37	0.0	0.37	
VMP-52-10	6/18/2014	1512	0.00	0.00	0.0	0	2.5	13.5	1.9	0.94	0.0	0.94	
VMP-52-10	7/24/2014	1406	0.00	0.00	0.0	0	3.7	15.6	2.1	0.89	0.0	0.89	
VMP-52-10	8/20/2014	0935	0.00	-0.02	0.0	0	4.0	15.8	1.1	0.21	0.0	0.21	
VMP-52-10	9/17/2014	1012	0.00	0.00	0.0	0	5.1	15.0	0.9	0.3	0.0	0.3	
VMP-52-10	10/22/2014	0905	0.00	0.00	0.0	0	4.8	12.3	0.5	0.39	0.0	0.39	
VMP-52-10	11/20/2014	1328	-0.43	-0.39	0.0	0	5.9	14.1	0.8	1.21	0.0	1.21	
VMP-52-10	12/18/2014	1052	0.00	0.00	0.0	0	5.0	15.6	2.1	0.32	0.0	0.32	
VMP-52-10	1/29/2015	1142	0.00	0.00	0.0	0	4.9	16.1	0.7	1.2	0.0	1.2	
VMP-52-10	2/27/2015	1359	0.00	0.00	0.0	0	4.4	17.8	0.7	0.5	0.0	0.5	
VMP-52-10	3/26/2015	1122	0.00	0.00	0.0	0	2.3	18.7	0.7	0.2	0.0	0.2	
VMP-52-10	4/22/2015	1521	0.00	0.00	0.0	0	3.2	17.6	0.9	0.1	0.0	0.1	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-52-10	5/21/2015	1020	0.00	0.00	0.0	0	4.3	16.5	0.6	1.1	0.0	1.1	
VMP-52-10	6/17/2015	1335	0.00	0.00	0.0	0	4.3	15.3	0.5	0.0	0.0	0.0	
VMP-52-10	7/22/2015	1414	0.00	0.00	0.0	0	6.1	11.8	0.4	0.0	0.0	0.0	
VMP-52-10	8/20/2015	0940	0.00	0.00	0.0	0	6.7	12.4	0.4	0.0	0.0	0.0	
VMP-52-10	9/17/2015	0925	0.00	0.0	0.0	0	7.8	13.3	0.5	0.0	0.0	0.0	
VMP-52-10	10/22/2015	0903	0.00	0.00	0.0	0	7.0	17.0	0.8	0	0.0	0.0	
VMP-52-10	11/24/2015	1013	0.00	0.00	0.0	0	6.2	18.1	0.3	0	0.0	0.0	
VMP-52-10	12/17/2015	1155	0.00	0.00	0.0	0	3.9	18.0	0.3	0	0.0	0.0	
VMP-52-10	1/21/2016	1402	-0.18	0.00	0.0	0	3.7	17.3	0.1	0.0	0.0	0.0	
VMP-52-10	2/18/2016	1200	0.00	-0.34	0.0	0	3.7	18.6	0.2	0.5	0.0	0.5	
VMP-52-10	3/23/2016	1005	-0.10	0.00	0.0	0	3.1	18.8	0.4	0.0	0.0	0.0	
VMP-52-10	4/21/2016	1420	0.06	0.05	0.0	0	3.1	18.6	0.4	0.0	0.0	0.0	
VMP-52-10	5/18/2016	1320	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield purge volume.
VMP-52-10	6/22/2016	0850	0.00	0.00	0.0	0	3.7	15.3	0.4	0.0	0.0	0.0	
VMP-52-10	7/21/2016	0901	-0.09	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield purge volume.
VMP-52-10	8/24/2016	1606	0.00	0.00	0.0	0	4.9	11.5	0.3	0.0	0.0	0.0	
VMP-52-10	9/22/2016	0913	0.00	0.0	0.0	0	4.9	10.7	0.1	0.0	0.0	0.0	
VMP-52-10	10/21/2016	0932	0.00	0.00	0.0	0	4.2	13.0	0.0	0.0	0.0	0.0	
VMP-52-10	11/16/2016	1400	0.00	0.00	0.0	0	6.5	14.1	0.1	0.0	0.0	0.0	
VMP-52-10	12/22/2016	0910	-0.45	-0.25	0.0	0	5.5	18.6	0.0	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-52-20	2/25/2013	1425	0.27	0.05	0.0	0	5.6	13.6	0.6	3.6	0.0	3.6	Initial monthly sample after installation.
VMP-52-20	3/21/2013	1541	-0.03	-0.05	0.0	0	5.0	15.4	0.6	2.1	0.0	2.1	
VMP-52-20	4/24/2013	1128	-0.53	-0.46	0.0	0	4.1	17.2	0.6	0.7	0.0	0.7	
VMP-52-20	5/23/2013	957	-0.50	-0.62	0.0	0	3.5	17.3	0.5	0.4	0.0	0.4	
VMP-52-20	6/25/2013	1617	0.07	0.00	0.0	0	2.9	17.4	0.7	1.2	0.0	1.2	
VMP-52-20	7/25/2013	1022	-0.38	-0.14	0.0	0	3.4	16.8	0.8	0.2	0.0	0.2	
VMP-52-20	8/29/2013	1523	-0.13	-0.19	0.0	0	4.2	16.5	1.0	1.1	0.0	1.1	
VMP-52-20	9/26/2013	1043	-0.24	-0.25	0.0	0	4.6	16.9	0.6	0.5	0.0	0.5	
VMP-52-20	10/23/2013	1544	-0.26	-0.13	0.0	0	4.3	17.3	0.7	0.3	0.0	0.3	
VMP-52-20	11/20/2013	1322	-0.14	-0.14	0.0	0	4.1	17.3	0.4	0.6	0.0	0.6	
VMP-52-20	12/19/2013	0942	-0.28	-0.11	0.0	0	3.8	17.5	0.4	0.1	0.0	0.1	
VMP-52-20	1/30/2014	1114	0.00	0.00	0.0	0	3.8	17.4	0.3	0.58	0.0	0.58	
VMP-52-20	2/19/2014	1530	-0.16	-0.26	0.0	0	3.4	17.6	1.3	0.96	0.0	0.96	
VMP-52-20	3/20/2014	1326	-0.21	-0.12	0.0	0	3.1	17.0	0.9	1.91	0.0	1.91	
VMP-52-20	4/24/2014	1147	-0.09	0.32	0.0	0	3.9	16.1	0.8	2.29	0.0	2.29	
VMP-52-20	5/22/2014	1453	-0.31	-0.44	0.0	0	4.2	16.0	1.1	0.79	0.0	0.79	
VMP-52-20	6/18/2014	1513	-0.39	-0.12	0.0	0	3.9	16.9	1.5	0.79	0.0	0.79	
VMP-52-20	7/24/2014	1406	-0.36	-0.29	0.0	0	4.1	16.3	1.9	1.28	0.0	1.28	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-52-20	8/20/2014	0936	0.00	-0.11	0.0	0	4.3	16.1	1.0	0.25	0.0	0.25	
VMP-52-20	9/17/2014	1016	-0.17	0.00	0.0	0	4.8	15.9	1.0	0.45	0.0	0.45	
VMP-52-20	10/22/2014	0910	-0.31	-0.23	0.0	0	5.3	15.2	0.6	0.78	0.0	0.78	
VMP-52-20	11/20/2014	1328	-0.11	0.00	0.0	0	5.3	15.0	1.1	0.65	0.0	0.65	
VMP-52-20	12/18/2014	1056	-0.39	0.00	0.0	0	5.5	15.8	2.2	1.16	0.0	1.16	
VMP-52-20	1/29/2015	1147	-0.42	-0.51	0.0	0	5.0	16.3	0.6	0.3	0.0	0.3	
VMP-52-20	2/27/2015	1359	0.00	-0.65	0.0	0	4.6	16.5	0.8	1.2	0.0	1.2	
VMP-52-20	3/26/2015	1123	-0.16	-0.56	0.0	0	4.3	16.5	0.8	0.9	0.0	0.9	
VMP-52-20	4/22/2015	1522	-0.13	-0.73	0.0	0	3.8	17.3	0.7	0.4	0.0	0.4	
VMP-52-20	5/21/2015	1025	-0.18	-0.19	0.0	0	2.9	17.4	0.6	1.0	0.0	1.0	
VMP-52-20	6/17/2015	1339	-0.27	-0.25	0.0	0	2.8	17.9	0.5	0.0	0.0	0.0	
VMP-52-20	7/22/2015	1418	-0.27	-0.14	0.0	0	3.4	16.9	0.3	0.0	0.0	0.0	
VMP-52-20	8/20/2015	0945	-0.26	-0.32	0.0	0	3.8	16.5	0.6	0.0	0.0	0.0	
VMP-52-20	9/17/2015	0930	0.00	0.0	0.0	0	4.1	16.2	0.5	0.0	0.0	0.0	
VMP-52-20	10/22/2015	0908	-0.12	-0.17	0.0	0	4.7	16.0	0.7	0	0.0	0.0	
VMP-52-20	11/24/2015	1018	-0.23	-0.17	0.0	0	5.0	17.1	0.2	0	0.0	0.0	
VMP-52-20	12/17/2015	1200	0.00	0.00	0.0	0	4.5	17.3	0.3	0	0.0	0.0	
VMP-52-20	1/21/2016	1407	0.00	-0.75	0.0	0	4.0	17.5	0.2	0.0	0.0	0.0	
VMP-52-20	2/18/2016	1205	0.00	0.23	0.0	0	3.5	17.4	0.4	0.0	0.0	0.0	
VMP-52-20	3/23/2016	1005	-0.14	-0.60	0.0	0	3.0	18.3	0.3	0.0	0.0	0.0	
VMP-52-20	4/21/2016	1425	0.03	-0.44	0.0	0	2.9	18.7	0.4	0.0	0.0	0.0	
VMP-52-20	5/18/2016	1325	0.00	-0.03	0.0	0	2.4	19.1	0.5	0.0	0.0	0.0	
VMP-52-20	6/22/2016	0855	0.00	0.00	0.0	0	2.3	18.0	0.6	0.0	0.0	0.0	
VMP-52-20	7/21/2016	0902	-0.23	-0.16	0.0	0	2.8	17.6	0.2	0.0	0.0	0.0	
VMP-52-20	8/24/2016	1607	0.00	-0.17	0.0	0	3.1	17.4	0.3	0.0	0.0	0.0	
VMP-52-20	9/22/2016	0914	-0.10	0.0	0.0	0	3.6	16.8	0.2	0.0	0.0	0.0	
VMP-52-20	10/21/2016	0935	-0.21	0.00	0.0	0	4.0	16.3	0.0	0.0	0.0	0.0	
VMP-52-20	11/16/2016	1401	0.00	0.00	0.0	0	3.9	16.8	0.2	0.0	0.0	0.0	
VMP-52-20	12/22/2016	0912	0.83	0.80	0.0	0	3.3	18.3	0.3	0.0	0.0	0.0	Initial vacuum measured at -0.43 inwc on 12/28/2016.
VMP-52-30	2/25/2013	1425	0.32	0.48	0.0	0	6.0	13.0	0.7	6.1	5.7	0.4	Initial monthly sample after installation.
VMP-52-30	3/21/2013	1546	-0.03	-0.17	0.0	0	6.4	13.4	0.9	4.1	0.0	4.1	
VMP-52-30	4/24/2013	1132	-0.51	-0.45	0.0	0	5.3	16.0	0.7	1.0	0.0	1.0	
VMP-52-30	5/23/2013	958	-0.51	-0.64	0.0	0	4.3	16.4	0.6	1.0	0.0	1.0	
VMP-52-30	6/25/2013	1622	0.00	0.12	0.0	0	3.7	17.0	0.7	0.5	0.0	0.5	
VMP-52-30	7/25/2013	1026	-0.37	-0.13	0.0	0	3.8	16.5	0.9	0.4	0.0	0.4	
VMP-52-30	8/29/2013	1527	-0.13	-0.19	0.0	0	4.2	16.5	1.0	1.2	0.0	1.2	
VMP-52-30	9/26/2013	1045	-0.25	-0.25	0.0	0	4.6	17.0	0.6	0.8	0.0	0.8	
VMP-52-30	10/23/2013	1548	-0.26	-0.12	0.0	0	4.5	17.2	0.9	0.1	0.0	0.1	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-52-30	11/20/2013	1327	-0.14	-0.14	0.0	0	4.4	17.3	0.3	0.7	0.0	0.7	
VMP-52-30	12/19/2013	0946	-0.10	-0.11	0.0	0	4.4	17.3	0.6	0.6	0.0	0.6	
VMP-52-30	1/30/2014	1114	0.00	-0.12	0.0	0	4.4	16.8	0.4	1.27	0.0	1.27	
VMP-52-30	2/19/2014	1535	0.07	-0.24	0.0	0	4.1	16.8	1.3	0.97	0.0	0.97	
VMP-52-30	3/20/2014	1327	0.08	0.08	0.0	0	4.7	16.9	1.1	2.09	0.0	2.09	
VMP-52-30	4/24/2014	1148	-0.10	0.29	0.0	0	4.8	14.1	1.0	3.39	0.0	3.39	
VMP-52-30	5/22/2014	1456	-0.17	-0.15	0.0	0	5.1	14.6	1.1	0.79	0.0	0.79	
VMP-52-30	6/18/2014	1513	0.00	0.11	0.0	0	4.7	15.9	1.7	1.18	0.0	1.18	
VMP-52-30	7/24/2014	1406	-0.05	0.00	0.0	0	4.7	15.8	1.4	0.96	0.0	0.96	
VMP-52-30	8/20/2014	0937	0.07	-0.20	0.0	0	4.7	15.8	1.2	0.23	0.0	0.23	
VMP-52-30	9/17/2014	1020	0.00	0.00	0.0	0	5.2	15.6	0.8	0.34	0.0	0.34	
VMP-52-30	10/22/2014	0915	-0.31	-0.21	0.0	0	5.4	15.5	0.6	0.82	0.0	0.82	
VMP-52-30	11/20/2014	1329	-0.04	-0.07	0.0	0	5.6	14.8	1.0	0.31	0.0	0.31	
VMP-52-30	12/18/2014	1100	-0.13	0.00	0.0	0	5.9	15.3	2.5	1.19	0.0	1.19	
VMP-52-30	1/29/2015	1152	-0.38	-0.29	0.0	0	5.5	15.5	0.7	0.4	0.0	0.4	
VMP-52-30	2/27/2015	1359	0.00	0.00	0.0	0	5.3	15.7	0.6	1.3	0.0	1.3	
VMP-52-30	3/26/2015	1123	0.00	-0.32	0.0	0	5.1	15.4	0.8	2.0	0.0	2.0	
VMP-52-30	4/22/2015	1523	-0.10	-0.25	0.0	0	4.5	16.2	0.8	0.8	0.0	0.8	
VMP-52-30	5/21/2015	1030	-0.18	-0.18	0.0	0	3.6	16.9	0.6	0.8	0.0	0.8	
VMP-52-30	6/17/2015	1343	-0.27	-0.18	0.0	0	3.5	17.2	0.5	0.0	0.0	0.0	
VMP-52-30	7/22/2015	1422	0.00	-0.14	0.0	0	3.9	16.7	0.2	0.0	0.0	0.0	
VMP-52-30	8/20/2015	0950	-0.26	-0.22	0.0	0	4.1	16.3	0.3	0.0	0.0	0.0	
VMP-52-30	9/17/2015	0940	0.00	0.0	0.0	0	4.4	15.8	0.7	0.0	0.0	0.0	
VMP-52-30-Dup	9/17/2015	0000	NM	NM	0.0	0	4.5	15.7	0.6	0	0.0	0.0	Duplicate Sample
VMP-52-30	10/22/2015	0913	-0.20	-0.17	0.0	0	4.8	15.7	0.5	0.0	0.0	0.0	
VMP-52-30	11/24/2015	1023	-0.23	-0.17	0.0	0	5.2	16.7	0.3	0.0	0.0	0.0	
VMP-52-30-Dup	11/24/2015	1024	NM	NM	0.0	0	5.2	16.5	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-52-30	12/17/2015	1205	0.00	0.00	0.0	0	4.8	16.9	0.3	0	0.0	0.0	
VMP-52-30	1/21/2016	1412	-0.13	-0.42	0.0	0	4.4	17.1	0.1	0.0	0.0	0.0	
VMP-52-30	2/18/2016	1210	0.17	0.32	0.0	0	4.0	17.3	0.5	0.0	0.0	0.0	
VMP-52-30	3/23/2016	1015	0.00	-0.30	0.0	0	3.5	17.9	0.4	0.0	0.0	0.0	
VMP-52-30-Dup	3/23/2016	1015	NM	NM	0.0	0	3.5	18.0	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-52-30	4/21/2016	1430	0.00	0.00	0.0	0	3.4	18.3	0.4	0.0	0.0	0.0	
VMP-52-30	5/18/2016	1330	-0.23	-0.18	0.0	0	2.7	18.4	0.7	0.0	0.0	0.0	
VMP-52-30	6/22/2016	0900	-0.16	0.00	0.0	0	2.5	18.1	0.3	0.0	0.0	0.0	
VMP-52-30-Dup	6/22/2016	0900	NM	NM	0.0	0	2.6	18.0	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-52-30	7/21/2016	0903	-0.11	-0.17	0.0	0	3.1	17.4	0.2	0.0	0.0	0.0	
VMP-52-30	8/24/2016	1608	0.00	-0.18	0.0	0	3.4	17.1	0.2	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-52-30	9/22/2016	0915	0.00	0.00	0.0	0	3.6	16.7	0.0	0.0	0.0	0.0	
VMP-52-30	10/21/2016	0938	-0.21	-0.19	0.0	0	4.1	16.3	0.0	0.0	0.0	0.0	
VMP-52-30	11/16/2016	1402	0.00	0.00	0.0	0	4.4	15.8	0.2	0.0	0.0	0.0	
VMP-52-30-Dup	11/16/2016	1402	NM	NM	0.0	0	4.4	15.8	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-52-30	12/22/2016	0914	1.04	1.58	0.0	0	4.1	17.2	0.2	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-52-30-Dup	12/22/2016	0914	NM	NM	0.0	0	4.3	17.0	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-53-5	2/25/2013	1355	0.00	0.00	0.0	0	0.4	20.6	0.4	0.5	0.0	0.5	Initial monthly sample after installation.
VMP-53-5	3/21/2013	1449	0.00	0.00	0.0	0	0.4	20.6	0.5	0.8	0.0	0.8	
VMP-53-5	4/24/2013	1009	0.00	0.00	0.0	0	0.8	20.2	0.3	0.2	0.0	0.2	
VMP-53-5	5/22/2013	1610	0.00	0.00	0.0	0	1.3	19.5	0.5	1.1	0.0	1.1	
VMP-53-5	6/26/2013	1414	0.00	0.00	0.0	0	2.1	18.5	0.4	0.9	0.0	0.9	
VMP-53-5	7/24/2013	1435	-0.06	-0.09	0.0	0	2.2	18.9	0.9	0.8	0.0	0.8	
VMP-53-5	8/29/2013	1106	0.00	0.00	0.0	0	1.7	19.3	0.4	0.7	0.0	0.7	
VMP-53-5	9/26/2013	0955	-0.02	-0.03	0.0	0	1.0	19.9	0.4	1.9	0.0	1.9	
VMP-53-5	10/23/2013	1612	0.00	-0.15	0.0	0	0.5	20.6	0.7	0.3	0.0	0.3	
VMP-53-5	11/21/2013	0900	0.00	0.00	0.0	0	0.3	20.7	0.3	0.8	0.0	0.8	
VMP-53-5	12/18/2013	1515	0.00	-0.01	0.0	0	0.2	20.9	0.2	0.1	0.0	0.1	
VMP-53-5	1/30/2014	0905	0.00	0.00	0.0	0	0.2	20.9	0.3	1.27	0.0	1.27	
VMP-53-5	2/20/2014	0938	0.00	0.00	0.0	0	0.3	20.9	0.7	1.31	0.0	1.31	
VMP-53-5	3/20/2014	0905	0.00	0.00	0.0	0	0.3	20.9	0.5	0.31	0.0	0.31	
VMP-53-5	4/24/2014	1512	0.00	0.00	0.0	0	0.6	20.4	0.9	1.42	0.0	1.42	
VMP-53-5	5/22/2014	0955	-0.07	0.00	0.0	0	1.0	20.1	1.0	1.85	0.0	1.85	
VMP-53-5	6/18/2014	1447	0.00	0.00	0.0	0	1.7	19.7	1.7	1.49	0.0	1.49	
VMP-53-5	7/23/2014	1251	0.00	0.00	0.0	0	2.1	19.1	1.3	1.29	0.0	1.29	
VMP-53-5	8/20/2014	1555	0.00	0.00	0.0	0	1.9	19.4	1.7	2.88	0.0	2.88	
VMP-53-5	9/17/2014	1130	0.00	0.00	0.0	0	1.8	19.8	0.9	1.1	0.0	1.1	
VMP-53-5	10/22/2014	1049	0.00	0.00	0.0	0	1.1	20.2	4.0	3.39	0.0	3.39	
VMP-53-5	11/19/2014	1526	-0.02	-0.02	0.0	0	0.5	20.5	1.2	0.81	0.0	0.81	
VMP-53-5	12/17/2014	1433	0.00	0.00	0.0	0	0.4	20.5	1.1	0.59	0.0	0.59	
VMP-53-5	1/30/2015	1135	0.00	0.00	0.0	0	0.3	20.5	0.9	0.8	0.0	0.8	
VMP-53-5	2/27/2015	1447	0.00	0.00	0.0	0	0.3	20.6	1.0	2.1	0.0	2.1	
VMP-53-5	3/26/2015	0926	0.00	0.00	0.0	0	0.4	20.5	0.8	1.3	0.0	1.3	
VMP-53-5	4/22/2015	1452	0.00	0.00	0.0	0	0.8	20.1	0.9	0.4	0.0	0.4	
VMP-53-5	5/21/2015	0900	0.00	0.00	0.0	0	1.1	19.4	0.2	1.2	0.0	1.2	
VMP-53-5	6/17/2015	1112	0.00	0.00	0.0	0	1.7	19.4	0.3	0.0	0.0	0.0	
VMP-53-5	7/22/2015	1330	0.00	0.00	0.0	0	2.2	19.2	0.2	0.0	0.0	0.0	
VMP-53-5	8/19/2015	1510	0.00	0.00	0.0	0	2.2	19.0	0.2	0.0	0.0	0.0	
VMP-53-5	9/16/2015	1430	0.00	0.0	0.0	0	1.5	19.8	0.4	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-53-5	10/21/2015	1515	0.00	0.00	0.0	0	0.8	20.4	0.2	0	0.0	0.0	
VMP-53-5	11/24/2015	0925	0.00	0.00	0.0	0	0.5	20.6	0.0	0	0.0	0.0	
VMP-53-5	12/16/2015	1318	0.00	0.00	0.0	0	0.4	20.5	0.2	0	0.0	0.0	
VMP-53-5	1/22/2016	1107	0.00	0.00	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-53-5	2/18/2016	1015	0.00	0.00	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-53-5	3/22/2016	1425	0.00	0.00	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	
VMP-53-5	4/21/2016	1030	0.00	-0.02	0.0	0	0.6	20.1	0.4	0.0	0.0	0.0	
VMP-53-5	5/18/2016	1002	0.00	0.00	0.0	0	1.1	19.9	0.4	0.0	0.0	0.0	
VMP-53-5	6/21/2016	1320	-0.25	0.00	0.0	0	1.7	19.5	0.7	0.0	0.0	0.0	
VMP-53-5	7/20/2016	1118	0.00	0.00	0.0	0	1.6	19.1	0.4	0.0	0.0	0.0	
VMP-53-5	8/24/2016	1120	0.00	0.00	0.0	0	2.0	19.0	0.2	0.0	0.0	0.0	
VMP-53-5	9/21/2016	1435	0.00	0.0	0.0	0	1.9	19.3	0.2	0.0	0.0	0.0	
VMP-53-5	10/20/2016	1424	0.00	0.00	0.0	0	1.6	19.8	0.0	0.0	0.0	0.0	
VMP-53-5	11/16/2016	1315	0.00	0.00	0.0	0	1.1	19.9	0.1	0.0	0.0	0.0	
VMP-53-5	12/21/2016	1421	0.00	0.00	0.0	0	1.4	19.6	0.2	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-53-10	2/25/2013	1355	-0.44	0.11	0.0	0	0.5	20.5	0.4	0.7	0.0	0.7	Initial monthly sample after installation.
VMP-53-10	3/21/2013	1453	0.00	0.00	0.0	0	0.4	20.6	0.6	1.1	0.0	1.1	
VMP-53-10	4/24/2013	1013	-0.06	-0.05	0.0	0	0.5	20.4	0.3	0.3	0.0	0.3	
VMP-53-10	5/22/2013	1611	0.00	0.00	0.0	0	1.0	19.9	0.6	1.1	0.0	1.1	
VMP-53-10	6/26/2013	1420	0.00	0.00	0.0	0	1.6	18.8	0.5	1.6	0.0	1.6	
VMP-53-10	7/24/2013	1440	-0.05	-0.10	0.0	0	1.6	19.5	0.8	0.6	0.0	0.6	
VMP-53-10	8/29/2013	1107	0.00	0.00	0.0	0	1.3	19.6	0.4	0.6	0.0	0.6	
VMP-53-10	9/26/2013	0959	-0.04	-0.05	0.0	0	0.8	20.1	0.5	1.2	0.0	1.2	
VMP-53-10	10/23/2013	1616	-0.05	0.00	0.0	0	0.5	20.7	0.7	0.1	0.0	0.1	
VMP-53-10	11/21/2013	0905	0.00	0.00	0.0	0	0.3	20.7	0.3	0.3	0.0	0.3	
VMP-53-10	12/18/2013	1520	0.06	-0.15	0.0	0	0.3	20.9	0.1	0.0	0.0	0.0	
VMP-53-10	1/30/2014	0905	0.00	0.00	0.0	0	0.2	20.9	0.3	0.68	0.0	0.68	
VMP-53-10	2/20/2014	0942	0.00	0.00	0.0	0	0.1	20.9	1.0	1.21	0.0	1.21	
VMP-53-10	3/20/2014	0906	0.00	0.00	0.0	0	0.2	20.9	0.6	1.05	0.0	1.05	
VMP-53-10	4/24/2014	1512	0.00	0.00	0.0	0	0.4	20.5	1.1	1.11	0.0	1.11	
VMP-53-10	5/22/2014	0955	-0.10	-0.14	0.0	0	0.7	20.3	1.3	1.59	0.0	1.59	
VMP-53-10	6/18/2014	1448	0.00	0.00	0.0	0	0.9	20.4	1.3	0.87	0.0	0.87	
VMP-53-10	7/23/2014	1252	0.00	0.00	0.0	0	1.1	19.8	1.4	1.53	0.0	1.53	
VMP-53-10	8/20/2014	1556	0.00	0.00	0.0	0	1.6	19.5	7.8	31.8	8.2	23.6	
VMP-53-10	9/17/2014	1136	-0.11	0.27	0.0	0	1.5	20.0	0.9	0.61	0.0	0.61	
VMP-53-10	10/22/2014	1054	0.00	-0.02	0.0	0	0.9	20.3	2.5	3.66	0.0	3.66	
VMP-53-10	11/19/2014	1528	-0.05	-0.03	0.0	0	0.6	20.5	1.0	0.11	0.0	0.11	
VMP-53-10	12/17/2014	1437	-0.19	-0.11	0.0	0	0.3	20.6	1.4	0.48	0.0	0.48	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-53-10	1/30/2015	1140	0.00	-0.41	0.0	0	0.3	20.7	1.1	0.4	0.0	0.4	
VMP-53-10	2/27/2015	1447	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well would not yield purge volume. Could not sample.
VMP-53-10	3/26/2015	0926	-0.10	0.00	0.0	0	0.3	20.7	0.8	0.4	0.0	0.4	
VMP-53-10-Dup	3/26/2015	0926	NM	NM	0.0	0	0.3	20.6	0.7	0.4	0.0	0.4	Duplicate Sample
VMP-53-10	4/22/2015	1453	-0.12	0.00	0.0	0	0.6	20.5	0.9	0.0	0.0	0.0	
VMP-53-10	5/21/2015	0905	0.00	0.00	0.0	0	0.9	19.9	0.3	0.6	0.0	0.6	
VMP-53-10	6/17/2015	1116	0.00	0.00	0.0	0	1.3	19.6	0.3	0.0	0.0	0.0	
VMP-53-10	7/22/2015	1334	0.00	0.00	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-53-10	8/19/2015	1515	-0.09	-0.10	0.0	0	1.7	19.4	0.3	0.0	0.0	0.0	
VMP-53-10	9/16/2015	1435	0.00	0.00	0.0	0	1.2	20.0	0.6	0.0	0.0	0.0	
VMP-53-10	10/21/2015	1517	0.00	0.00	0.0	0	0.8	20.3	0.0	0	0.0	0.0	
VMP-53-10	11/24/2015	0930	-0.09	0.00	0.0	0	0.4	20.7	0.1	0	0.0	0.0	
VMP-53-10	12/16/2015	1319	0.00	0.00	0.0	0	0.3	20.7	0.2	0	0.0	0.0	
VMP-53-10	1/22/2016	1112	0.00	0.00	0.0	0	0.2	20.6	0.0	0.0	0.0	0.0	
VMP-53-10	2/18/2016	1020	0.00	-0.17	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-53-10	3/22/2016	1430	0.00	0.00	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-53-10	4/21/2016	1035	-0.02	-0.04	0.0	0	0.5	20.3	0.4	0.0	0.0	0.0	
VMP-53-10	5/18/2016	1007	-0.15	-0.03	0.0	0	0.8	20.0	0.8	0.0	0.0	0.0	
VMP-53-10	6/21/2016	1325	0.00	0.00	0.0	0	0.8	20.2	0.8	0.0	0.0	0.0	
VMP-53-10	7/20/2016	1119	0.00	0.00	0.0	0	1.6	19.4	0.7	0.0	0.0	0.0	
VMP-53-10	8/24/2016	1121	0.00	0.0	0.0	0	1.5	19.5	0.0	0.0	0.0	0.0	
VMP-53-10	9/21/2016	1436	0.00	0.00	0.0	0	1.6	19.5	0.2	0.0	0.0	0.0	
VMP-53-10	10/20/2016	1426	0.00	0.00	0.0	0	1.3	20.1	0.0	0.0	0.0	0.0	
VMP-53-10	11/16/2016	1316	0.00	0.00	0.0	0	1.3	19.7	0.1	0.0	0.0	0.0	
VMP-53-10	12/21/2016	1424	0.00	0.26	0.0	0	1.8	19.1	0.1	0.0	0.0	0.0	Initial vacuum measured at 0.00 inwc on 12/28/2016.
VMP-53-20	2/25/2013	1400	0.05	0.08	0.0	0	1.6	19.8	0.4	1.1	0.0	1.1	Initial monthly sample after installation.
VMP-53-20	3/21/2013	1459	0.00	0.00	0.0	0	1.1	20.2	0.6	0.4	0.0	0.4	
VMP-53-20	4/24/2013	1018	-0.27	-0.27	0.0	0	0.8	20.1	0.3	0.1	0.0	0.1	
VMP-53-20	5/22/2013	1612	-0.20	-0.18	0.0	0	1.1	19.5	0.6	1.1	0.0	1.1	
VMP-53-20	6/26/2013	1426	-0.06	0.00	0.0	0	1.6	18.7	0.6	1.6	0.0	1.6	
VMP-53-20	7/24/2013	1445	-0.19	-0.30	0.0	0	1.8	19.0	1.0	1.8	0.0	1.8	
VMP-53-20	8/29/2013	1108	-0.14	-0.19	0.0	0	1.7	19.1	0.6	0.7	0.0	0.7	
VMP-53-20	9/26/2013	1003	-0.24	-0.24	0.0	0	1.5	19.5	0.5	1.6	0.0	1.6	
VMP-53-20	10/23/2013	1620	-0.26	-0.16	0.0	0	1.0	20.2	0.5	0.1	0.0	0.1	
VMP-53-20	11/21/2013	0910	-0.26	-0.27	0.0	0	0.7	20.4	0.3	0.5	0.0	0.5	
VMP-53-20	12/18/2013	1525	-0.09	-0.14	0.0	0	0.7	20.7	0.2	0.0	0.0	0.0	
VMP-53-20	1/30/2014	0905	0.00	-0.08	0.0	0	0.6	20.8	0.3	0.79	0.0	0.79	
VMP-53-20	2/20/2014	0946	0.00	0.05	0.0	0	0.6	20.6	0.8	0.72	0.0	0.72	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-53-20	3/20/2014	0907	-0.12	0.00	0.0	0	0.6	20.6	0.5	0.75	0.0	0.75	
VMP-53-20	4/24/2014	1512	0.08	0.03	0.0	0	0.6	20.4	0.8	1.41	0.0	1.41	
VMP-53-20	5/22/2014	0956	-0.37	-0.31	0.0	0	0.7	20.0	1.2	1.25	0.0	1.25	
VMP-53-20	6/18/2014	1448	-0.15	-0.10	0.0	0	1.4	19.4	1.2	1.19	0.0	1.19	
VMP-53-20	7/23/2014	1254	-0.21	-0.23	0.0	0	1.7	19.2	1.6	1.58	0.0	1.58	
VMP-53-20	8/20/2014	1556	-0.25	0.00	0.0	0	1.9	19.1	1.8	3.37	0.0	3.37	
VMP-53-20	9/17/2014	1139	-0.13	-0.20	0.0	0	2.2	19.0	0.8	0.48	0.0	0.48	
VMP-53-20	10/22/2014	1107	-0.18	-0.17	0.0	0	1.6	19.6	1.2	2.07	0.0	2.07	
VMP-53-20	11/19/2014	1528	-0.32	-0.26	0.0	0	1.2	19.9	1.1	0.47	0.0	0.47	
VMP-53-20	12/17/2014	1443	-0.22	-0.20	0.0	0	0.8	20.0	1.8	1.1	0.0	1.1	
VMP-53-20	1/30/2015	1150	0.00	-0.19	0.0	0	0.5	20.5	1.3	0.7	0.0	0.7	
VMP-53-20	2/27/2015	1447	0.00	0.00	0.0	0	2.4	18.4	0.7	0.5	0.0	0.5	
VMP-53-20	3/26/2015	0926	-0.59	-0.51	0.0	0	0.4	20.5	0.9	0.4	0.0	0.4	
VMP-53-20	4/22/2015	1454	-0.22	-0.29	0.0	0	0.5	20.3	1.0	0.0	0.0	0.0	
VMP-53-20	5/21/2015	0910	-0.38	-0.35	0.0	0	0.8	19.8	0.3	0.7	0.0	0.7	
VMP-53-20-Dup	5/21/2015	0910	NM	NM	0.0	0	0.8	19.8	0.3	0.7	0.0	0.7	Duplicate Sample.
VMP-53-20	6/17/2015	1120	-0.47	-0.48	0.0	0	1.3	19.5	0.3	1.6	0.0	1.6	
VMP-53-20	7/22/2015	1338	-0.24	-0.25	0.0	0	1.7	19.1	0.2	0.0	0.0	0.0	
VMP-53-20	8/19/2015	1520	-0.37	-0.32	0.0	0	2.0	18.9	0.4	0.0	0.0	0.0	
VMP-53-20	9/16/2015	1440	-0.11	-0.14	0.0	0	1.8	19.2	0.2	0.0	0.0	0.0	
VMP-53-20	10/21/2015	1520	-0.17	-0.19	0.0	0	1.5	19.8	0.3	0	0.0	0.0	
VMP-53-20	11/24/2015	0935	-0.39	-0.34	0.0	0	0.8	20.4	0.0	0	0.0	0.0	
VMP-53-20	12/16/2015	1320	-0.25	-0.34	0.0	0	0.7	20.4	0.2	0	0.0	0.0	
VMP-53-20	1/22/2016	1117	-0.35	-0.24	0.0	0	0.8	20.0	0.0	0.0	0.0	0.0	
VMP-53-20	2/18/2016	1025	-0.18	-0.17	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-53-20-Dup	2/18/2016	1025	NM	NM	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-53-20	3/22/2016	1435	0.00	0.00	0.0	0	0.6	20.2	0.2	0.0	0.0	0.0	
VMP-53-20	4/21/2016	1040	-0.18	-0.22	0.0	0	0.8	20.0	0.5	0.0	0.0	0.0	
VMP-53-20	5/18/2016	1012	-0.35	-0.38	0.0	0	0.9	20.1	0.7	0.0	0.0	0.0	
VMP-53-20	6/21/2016	1330	0.00	-0.12	0.0	0	1.2	19.3	0.9	0.0	0.0	0.0	
VMP-53-20	7/20/2016	1120	0.00	0.0	0.0	0	1.7	18.8	0.5	0.0	0.0	0.0	
VMP-53-20	8/24/2016	1122	-0.36	-0.31	0.0	0	1.7	18.9	0.1	0.0	0.0	0.0	
VMP-53-20	9/21/2016	1437	0.00	0.00	0.0	0	2.1	18.6	0.8	0.0	0.0	0.0	
VMP-53-20	10/20/2016	1431	0.00	-0.09	0.0	0	2.5	18.5	0.0	0.0	0.0	0.0	
VMP-53-20	11/16/2016	1317	0.00	0.00	0.0	0	2.5	18.3	0.0	0.0	0.0	0.0	
VMP-53-20	12/21/2016	1426	0.41	0.43	0.0	0	2.7	18.1	0.1	0.0	0.0	0.0	Initial vacuum measured at -0.30 inwc on 12/28/2016.
VMP-53-30	2/25/2013	1400	-0.66	0.25	0.0	0	3.2	18.6	0.4	0.7	0.0	0.7	Initial monthly sample after installation.
VMP-53-30	3/21/2013	1503	0.00	0.00	0.0	0	2.8	19.1	0.5	0.4	0.0	0.4	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-53-30	4/24/2013	1022	-0.30	-0.31	0.0	0	2.4	19.2	0.3	0.1	0.0	0.1	
VMP-53-30	5/22/2013	1613	-0.22	-0.20	0.0	0	2.5	18.7	0.6	0.6	0.0	0.6	
VMP-53-30	6/26/2013	1433	-0.08	0.00	0.0	0	2.6	18.1	0.8	1.5	0.0	1.5	
VMP-53-30	7/24/2013	1450	-0.23	-0.31	0.0	0	2.8	17.7	1.0	1.0	0.0	1.0	
VMP-53-30	8/29/2013	1109	-0.16	-0.20	0.0	0	2.9	17.6	0.5	0.5	0.0	0.5	
VMP-53-30	9/26/2013	1006	-0.24	-0.26	0.0	0	3.0	17.9	0.5	1.3	0.0	1.3	
VMP-53-30	10/23/2013	1624	-0.29	-0.18	0.0	0	2.6	18.8	0.4	0.2	0.0	0.2	
VMP-53-30	11/21/2013	0915	-0.30	-0.31	0.0	0	2.3	19.1	0.3	0.4	0.0	0.4	
VMP-53-30	12/18/2013	1530	-0.12	-0.16	0.0	0	2.1	19.6	0.1	0.6	0.0	0.6	
VMP-53-30	1/30/2014	0906	0.00	-0.09	0.0	0	1.9	19.9	0.4	0.81	0.0	0.81	
VMP-53-30	2/20/2014	0950	0.00	0.08	0.0	0	1.9	19.9	1.1	0.76	0.0	0.76	
VMP-53-30	3/20/2014	0908	-0.21	0.00	0.0	0	1.7	20.0	0.4	0.33	0.0	0.33	
VMP-53-30	4/24/2014	1513	0.08	0.03	0.0	0	1.7	19.7	0.8	1.55	0.0	1.55	
VMP-53-30	5/22/2014	0956	-0.40	-0.35	0.0	0	1.5	19.5	1.2	1.56	0.0	1.56	
VMP-53-30	6/18/2014	1448	-0.16	-0.10	0.0	0	0.0	20.9	1.4	1.88	0.0	1.88	Resampled due to ambient air in tedlar.
VMP-53-30	6/19/2014	1533	-0.07	NM	0.0	0	1.8	19.2	1.3	1.29	0.0	1.29	Resample.
VMP-53-30	7/23/2014	1254	-0.22	-0.24	0.0	0	2.2	18.2	1.7	1.16	0.0	1.16	
VMP-53-30	8/20/2014	1557	-0.15	-0.10	0.0	0	2.6	18.1	2.1	0.91	0.0	0.91	
VMP-53-30	9/17/2014	1142	-0.14	-0.21	0.0	0	3.0	17.9	1.2	2.42	0.0	2.42	
VMP-53-30	10/22/2014	1110	-0.20	-0.18	0.0	0	3.1	17.8	0.8	2.28	0.0	2.28	
VMP-53-30	11/19/2014	1529	-0.35	-0.30	0.0	0	3.0	18.1	1.2	0.17	0.0	0.17	
VMP-53-30	12/17/2014	1450	-0.22	-0.22	0.0	0	2.8	18.8	1.5	0.88	0.0	0.88	
VMP-53-30	1/30/2015	1155	0.00	-0.13	0.0	0	2.2	19.2	1.4	0.5	0.0	0.5	
VMP-53-30	2/27/2015	1447	-1.75	0.00	0.0	0	0.8	20.1	0.9	1.5	0.0	1.5	
VMP-53-30	3/26/2015	0927	-0.67	-0.31	0.0	0	1.6	19.7	0.8	0.6	0.0	0.6	
VMP-53-30	4/22/2015	1455	-0.12	-0.42	0.0	0	1.5	19.3	0.8	0.3	0.0	0.3	
VMP-53-30	5/21/2015	0915	-0.42	-0.37	0.0	0	1.6	19.2	0.4	0.8	0.0	0.8	
VMP-53-30	6/17/2015	1124	-0.52	-0.51	0.0	0	1.8	19.0	0.8	0.6	0.0	0.6	
VMP-53-30	7/22/2015	1342	-0.24	-0.26	0.0	0	2.3	18.0	0.3	0.0	0.0	0.0	
VMP-53-30	8/19/2015	1525	-0.41	-0.35	0.0	0	2.8	17.7	0.3	0.0	0.0	0.0	
VMP-53-30	9/16/2015	1445	-0.12	-0.15	0.0	0	3.1	17.7	0.5	0.0	0.0	0.0	
VMP-53-30	10/21/2015	1522	-0.19	-0.22	0.0	0	3.0	18.2	0.3	0.0	0.0	0.0	
VMP-53-30-Dup	10/21/2015	1522	NM	NM	0.0	0	3.2	17.9	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-53-30	11/24/2015	0940	-0.42	-0.37	0.0	0	2.8	19.0	0.2	0	0.0	0.0	
VMP-53-30	12/16/2015	1321	-0.28	-0.37	0.0	0	2.6	18.8	0.2	0	0.0	0.0	
VMP-53-30	1/22/2016	1122	-0.38	-0.28	0.0	0	2.8	18.6	0.1	0.0	0.0	0.0	
VMP-53-30	2/18/2016	1030	-0.20	-0.22	0.0	0	2.4	18.8	0.6	0.0	0.0	0.0	
VMP-53-30	3/22/2016	1440	0.00	0.00	0.0	0	2.2	19.2	0.3	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-53-30	4/21/2016	1045	-0.19	-0.24	0.0	0	2.0	19.2	0.7	0.0	0.0	0.0	
VMP-53-30	5/18/2016	1017	-0.39	-0.41	0.0	0	2.0	19.1	0.7	0.0	0.0	0.0	
VMP-53-30-Dup	5/18/2016	1022	NM	NM	0.0	0	2.0	19.1	0.8	0.0	0.0	0.0	Duplicate sample.
VMP-53-30	6/21/2016	1335	-0.27	-0.13	0.0	0	1.8	18.4	0.6	0.0	0.0	0.0	
VMP-53-30	7/20/2016	1121	0.00	0.00	0.0	0	2.4	17.8	0.4	0.0	0.0	0.0	
VMP-53-30	8/24/2016	1123	-0.38	-0.33	0.0	0	2.7	17.5	0.2	0.0	0.0	0.0	
VMP-53-30	9/21/2016	1438	0.00	0.0	0.0	0	2.2	18.6	0.2	0.0	0.0	0.0	
VMP-53-30	10/20/2016	1434	0.00	-0.11	0.0	0	3.6	17.2	0.0	0.0	0.0	0.0	
VMP-53-30	11/16/2016	1318	0.00	0.00	0.0	0	3.5	17.5	0.2	0.0	0.0	0.0	
VMP-53-30	12/21/2016	1429	0.43	0.52	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	Ambient air l kely in bag. Resampled. Initial vacuum measured at -0.33 inwc on 12/28/2016.
VMP-53-30	12/22/2016	1330	NM	NM	0.0	0	3.5	17.3	0.1	0.0	0.0	0.0	Resample.
VMP-54-5	2/25/2013	1335	-0.12	-0.19	0.0	0	1.7	18.7	0.4	0.9	0.0	0.9	Initial monthly sample after installation.
VMP-54-5	3/21/2013	1414	0.00	0.03	0.0	0	2.0	18.8	0.5	0.3	0.0	0.3	
VMP-54-5	4/24/2013	1030	0.00	0.00	0.0	0	2.7	17.8	0.4	0.2	0.0	0.2	
VMP-54-5	5/23/2013	840	0.00	-0.02	0.0	0	3.7	16.6	0.5	0.5	0.0	0.5	
VMP-54-5	6/26/2013	1000	0.00	0.00	0.0	0	4.8	15.5	0.7	0.1	0.0	0.1	
VMP-54-5	7/25/2013	0944	0.00	0.00	0.0	0	5.9	15.1	0.6	0.5	0.0	0.5	
VMP-54-5	8/29/2013	1128	0.00	0.00	0.0	0	5.6	15.6	0.7	0.2	0.0	0.2	
VMP-54-5	9/25/2013	1505	0.00	-0.01	0.0	0	4.5	17.1	0.5	0.2	0.0	0.2	
VMP-54-5	10/23/2013	1555	0.00	0.00	0.0	0	3.1	18.4	0.6	0.0	0.0	0.0	
VMP-54-5	11/21/2013	0925	0.00	0.00	0.0	0	2.3	18.9	0.4	0.7	0.0	0.7	
VMP-54-5	12/18/2013	1448	0.00	-0.05	0.0	0	1.6	19.6	0.2	0.3	0.0	0.3	
VMP-54-5	1/30/2014	0840	0.00	0.00	0.0	0	1.2	20.1	0.2	0.28	0.0	0.28	
VMP-54-5	2/20/2014	0920	-0.22	-0.13	0.0	0	1.0	19.9	0.7	2.53	0.0	2.53	
VMP-54-5	3/20/2014	0927	0.00	0.00	0.0	0	1.2	20.1	0.6	0.41	0.0	0.41	
VMP-54-5	4/24/2014	1452	0.00	0.00	0.0	0	1.8	19.1	0.8	1.18	0.0	1.18	
VMP-54-5	5/22/2014	1031	0.00	0.00	0.0	0	2.6	18.4	0.8	1.14	0.0	1.14	
VMP-54-5	6/18/2014	1427	0.00	0.00	0.0	0	4.2	16.7	1.0	0.59	0.0	0.59	
VMP-54-5	7/24/2014	1200	0.00	0.00	0.0	0	4.8	16.9	1.4	1.45	0.0	1.45	
VMP-54-5	8/20/2014	1616	0.00	0.00	0.0	0	4.6	16.5	1.3	0.29	0.0	0.29	
VMP-54-5	9/17/2014	1158	0.00	0.00	0.0	0	5.1	16.7	0.8	0.17	0.0	0.17	
VMP-54-5	10/22/2014	1132	0.02	0.00	0.0	0	3.6	17.7	1.1	1.69	0.0	1.69	
VMP-54-5	11/19/2014	1508	-0.18	-0.08	0.0	0	2.7	18.7	1.4	0.18	0.0	0.18	
VMP-54-5	12/17/2014	1512	-0.37	-0.22	0.0	0	1.6	19.4	1.2	1.07	0.0	1.07	
VMP-54-5	1/30/2015	1020	0.00	0.00	0.0	0	1.0	20.2	1.6	0.9	0.0	0.9	
VMP-54-5	2/27/2015	1420	0.00	0.00	0.0	0	0.6	20.2	0.6	2.1	0.0	2.1	
VMP-54-5	3/26/2015	0901	0.00	0.00	0.0	0	1.0	19.8	1.0	0.4	0.0	0.4	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-54-5	4/22/2015	1440	0.00	0.00	0.0	0	1.8	19.1	0.8	0.2	0.0	0.2	
VMP-54-5	5/21/2015	0830	0.00	0.00	0.0	0	2.5	17.7	0.2	0.1	0.0	0.1	
VMP-54-5	6/17/2015	0830	NM	NM	0.0	0	3.4	17.3	0.4	0.0	0.0	0.0	
VMP-54-5-Dup	6/17/2015	1049	0.00	0.00	0.0	0	3.4	17.0	0.4	0.0	0.0	0.0	Duplicate sample.
VMP-54-5	7/22/2015	1312	0.00	0.00	0.0	0	4.5	16.8	0.4	0.0	0.0	0.0	
VMP-54-5	8/19/2015	1540	0.00	0.0	0.0	0	4.8	16.4	0.2	0.0	0.0	0.0	
VMP-54-5	9/16/2015	1500	0.00	0.00	0.0	0	4.5	17.0	0.5	0.0	0.0	0.0	
VMP-54-5	10/21/2015	1539	0.00	0.00	0.0	0	3.2	18.2	0.0	0.0	0.0	0.0	
VMP-54-5-Dup	10/21/2015	1539	NM	NM	0.0	0	3.2	18.2	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-54-5	11/24/2015	0847	0.00	0.00	0.0	0	2.2	19.2	0.0	0	0.0	0.0	
VMP-54-5	12/16/2015	1342	0.00	0.00	0.0	0	1.9	18.9	0.3	0	0.0	0.0	
VMP-54-5	1/21/2016	0957	0.29	0.00	0.0	0	1.0	20.0	0.2	0.0	0.0	0.0	
VMP-54-5	2/18/2016	0935	0.00	0.00	0.0	0	1.0	19.9	0.5	0.0	0.0	0.0	
VMP-54-5	3/22/2016	1500	0.00	0.00	0.0	0	1.4	19.5	0.2	0.0	0.0	0.0	
VMP-54-5	4/21/2016	1005	0.00	0.00	0.0	0	1.8	18.9	0.6	0.0	0.0	0.0	
VMP-54-5	5/18/2016	1040	0.00	0.00	0.0	0	2.6	18.3	0.8	0.0	0.0	0.0	
VMP-54-5	6/21/2016	1430	0.00	0.00	0.0	0	3.5	17.5	0.6	0.0	0.0	0.0	
VMP-54-5	7/20/2016	1052	0.04	0.0	0.0	0	3.7	16.8	0.3	0.0	0.0	0.0	
VMP-54-5	8/24/2016	1025	0.00	0.00	0.0	0	4.6	15.7	0.1	0.0	0.0	0.0	
VMP-54-5	9/21/2016	1508	0.00	0.00	0.0	0	4.5	15.7	0.2	0.0	0.0	0.0	
VMP-54-5	10/20/2016	1447	0.00	0.00	0.0	0	2.6	18.1	0.1	0.0	0.0	0.0	
VMP-54-5	11/16/2016	1241	0.00	0.00	0.0	0	3.2	17.4	0.0	0.0	0.0	0.0	
VMP-54-5	12/21/2016	1447	0.00	0.00	0.0	0	2.2	18.3	0.2	0.0	0.0	0.0	
VMP-54-10	2/25/2013	1340	0.02	-0.01	0.0	0	2.8	17.5	0.5	1.5	0.0	1.5	Initial monthly sample after installation.
VMP-54-10	3/21/2013	1418	0.00	0.04	0.0	0	2.9	17.7	0.6	0.6	0.0	0.6	
VMP-54-10	4/24/2013	1034	0.00	0.00	0.0	0	2.6	18.0	0.5	0.2	0.0	0.2	
VMP-54-10	5/23/2013	841	0.00	-0.02	0.0	0	2.0	18.4	0.5	0.7	0.0	0.7	
VMP-54-10	6/26/2013	1006	0.00	0.00	0.0	0	1.6	19.0	0.6	0.9	0.0	0.9	
VMP-54-10	7/25/2013	948	0.00	0.00	0.0	0	2.8	17.6	0.7	0.5	0.0	0.5	
VMP-54-10	8/29/2013	1129	0.00	0.00	0.0	0	4.1	16.5	0.5	1.9	0.0	1.9	
VMP-54-10	9/25/2013	1506	0.00	0.00	0.0	0	0.6	20.4	0.5	1.4	0.0	1.4	Resampled due to anomalous oxygen reading.
VMP-54-10	9/26/2013	1350	0.00	NM	0.0	0	4.5	16.6	0.7	0.9	0.0	0.9	Resample.
VMP-54-10	10/23/2013	1559	-0.05	0.00	0.0	0	3.8	17.6	0.3	0.1	0.0	0.1	
VMP-54-10	11/21/2013	0930	0.00	0.00	0.0	0	3.0	18.1	0.4	0.6	0.0	0.6	
VMP-54-10	12/18/2013	1453	0.00	0.00	0.0	0	2.5	18.8	0.2	1.0	0.0	1.0	
VMP-54-10	1/30/2014	0842	0.00	0.00	0.0	0	2.0	19.3	0.2	0.36	0.0	0.36	
VMP-54-10	2/20/2014	0924	0.00	-0.05	0.0	0	1.8	19.3	0.5	0.88	0.0	0.88	
VMP-54-10	3/20/2014	0928	0.00	0.00	0.0	0	1.6	19.6	0.8	0.37	0.0	0.37	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-54-10	4/24/2014	1452	0.00	0.00	0.0	0	1.8	19.3	1.0	1.76	0.0	1.76	
VMP-54-10	5/22/2014	1031	0.00	0.00	0.0	0	2.0	18.7	1.5	1.38	0.0	1.38	
VMP-54-10	6/18/2014	1427	0.00	0.00	0.0	0	3.1	17.7	1.4	0.79	0.0	0.79	
VMP-54-10	7/24/2014	1200	0.00	0.00	0.0	0	3.8	17.2	2.2	1.62	0.0	1.62	
VMP-54-10	8/20/2014	1616	0.00	0.00	0.0	0	3.7	17.3	1.7	0.85	0.0	0.85	
VMP-54-10	9/17/2014	1202	0.00	0.00	0.0	0	4.0	17.2	0.8	0.44	0.0	0.44	
VMP-54-10	10/22/2014	1135	0.02	-0.03	0.0	0	4.0	17.1	1.4	1.65	0.0	1.65	
VMP-54-10	11/19/2014	1508	-0.12	-0.14	0.0	0	2.4	17.9	1.3	0.47	0.0	0.47	
VMP-54-10	12/17/2014	1517	0.00	0.00	0.0	0	2.3	19.1	1.3	0.74	0.0	0.74	
VMP-54-10	1/30/2015	1025	0.00	0.00	0.0	0	1.5	19.7	1.6	0.1	0.0	0.1	
VMP-54-10	2/27/2015	1420	0.00	0.00	0.0	0	1.2	19.9	0.5	0.5	0.0	0.5	
VMP-54-10	3/26/2015	0901	0.00	0.00	0.0	0	1.0	19.9	0.7	0.2	0.0	0.2	
VMP-54-10	4/22/2015	1441	-0.13	-0.14	0.0	0	1.3	19.6	1.0	0.4	0.0	0.4	
VMP-54-10	5/21/2015	0835	0.00	0.00	0.0	0	1.4	19.0	0.3	1.2	0.0	1.2	
VMP-54-10	6/17/2015	1053	0.00	0.00	0.0	0	2.3	18.5	0.4	0.0	0.0	0.0	
VMP-54-10	7/22/2015	1316	0.00	0.00	0.0	0	3.1	17.7	0.4	0.0	0.0	0.0	
VMP-54-10	8/19/2015	1545	0.00	0.00	0.0	0	3.6	17.5	0.3	0.0	0.0	0.0	
VMP-54-10	9/16/2015	1505	0.00	0.0	0.0	0	3.6	17.4	0.4	0.0	0.0	0.0	
VMP-54-10	10/21/2015	1542	0.00	0.00	0.0	0	3.2	18.3	0.0	0	0.0	0.0	
VMP-54-10	11/24/2015	0852	0.00	0.00	0.0	0	2.7	18.7	0.1	0	0.0	0.0	
VMP-54-10	12/16/2015	1343	0.00	0.00	0.0	0	2.5	18.9	0.2	0	0.0	0.0	
VMP-54-10	1/21/2016	1002	0.29	0.00	0.0	0	1.7	19.2	0.3	0.0	0.0	0.0	
VMP-54-10	2/18/2016	0940	0.00	0.00	0.0	0	1.5	19.4	0.6	0.0	0.0	0.0	
VMP-54-10	3/22/2016	1505	0.00	0.00	0.0	0	1.6	19.3	0.4	0.0	0.0	0.0	
VMP-54-10	4/21/2016	1010	0.00	0.00	0.0	0	1.6	18.9	0.7	0.0	0.0	0.0	
VMP-54-10	5/18/2016	1045	0.00	0.00	0.0	0	2.1	18.8	0.7	0.0	0.0	0.0	
VMP-54-10	6/21/2016	1435	0.00	0.00	0.0	0	2.1	18.7	0.6	0.0	0.0	0.0	
VMP-54-10	7/20/2016	1053	0.06	0.07	0.0	0	2.9	17.5	0.4	0.0	0.0	0.0	
VMP-54-10	8/24/2016	1026	0.00	0.00	0.0	0	0.1	20.7	0.2	0.0	0.0	0.0	
VMP-54-10	9/21/2016	1509	0.00	0.0	0.0	0	3.6	16.7	0.1	0.0	0.0	0.0	
VMP-54-10	10/20/2016	1450	0.00	0.00	0.0	0	3.7	17.1	0.0	0.0	0.0	0.0	
VMP-54-10-Dup	10/20/2016	1450	NM	NM	0.0	0	3.8	17.1	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-54-10	11/16/2016	1242	0.00	0.00	0.0	0	3.4	17.4	0.1	0.0	0.0	0.0	
VMP-54-10	12/21/2016	1450	0.00	0.00	0.0	0	3.0	17.7	0.1	0.0	0.0	0.0	
VMP-54-20	2/25/2013	1335	0.02	0.02	0.0	0	3.5	16.6	0.5	0.6	0.0	0.6	Initial monthly sample after installation.
VMP-54-20	3/21/2013	1423	0.05	0.07	0.0	0	3.3	16.9	0.6	0.7	0.0	0.7	
VMP-54-20	4/24/2013	1038	0.00	0.00	0.0	0	2.8	16.9	0.6	0.2	0.0	0.2	
VMP-54-20	5/23/2013	841	-0.04	-0.03	0.0	0	3.1	16.6	0.5	0.1	0.0	0.1	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-54-20	6/26/2013	1011	0.00	0.00	0.0	0	2.9	16.5	0.7	0.4	0.0	0.4	
VMP-54-20	7/25/2013	952	0.00	0.00	0.0	0	3.5	15.8	0.6	0.7	0.0	0.7	
VMP-54-20	8/29/2013	1130	0.00	0.00	0.0	0	3.9	15.5	0.7	0.3	0.0	0.3	
VMP-54-20	9/25/2013	1506	0.00	-0.01	0.0	0	4.0	16.2	0.6	0.4	0.0	0.4	
VMP-54-20	10/23/2013	1603	-0.07	0.00	0.0	0	3.7	16.9	0.5	0.1	0.0	0.1	
VMP-54-20	11/21/2013	0935	0.00	0.00	0.0	0	3.7	17.0	0.4	0.6	0.0	0.6	
VMP-54-20	12/18/2013	1458	0.04	0.00	0.0	0	3.6	17.5	0.2	0.8	0.0	0.8	
VMP-54-20	1/30/2014	0843	-0.11	0.00	0.0	0	3.2	18.0	0.2	0.14	0.0	0.14	
VMP-54-20	2/20/2014	0928	-0.41	0.05	0.0	0	2.9	18.1	0.6	0.69	0.0	0.69	
VMP-54-20	3/20/2014	0936	0.60	0.00	0.0	0	2.1	19.1	0.9	0.41	0.0	0.41	
VMP-54-20	4/24/2014	1453	0.00	0.00	0.0	0	1.9	19.0	0.9	1.64	0.0	1.64	
VMP-54-20	5/22/2014	1031	0.00	0.00	0.0	0	1.3	19.6	0.7	1.98	0.0	1.98	
VMP-54-20	6/18/2014	1427	0.00	0.00	0.0	0	1.6	18.9	1.2	1.27	0.0	1.27	
VMP-54-20	7/24/2014	1200	0.00	0.00	0.0	0	2.2	18.2	1.2	1.38	0.0	1.38	
VMP-54-20	8/20/2014	1617	0.00	0.00	0.0	0	3.1	17.5	1.2	0.48	0.0	0.48	
VMP-54-20	9/17/2014	1205	0.00	0.00	0.0	0	3.5	17.6	0.8	0.19	0.0	0.19	
VMP-54-20	10/22/2014	1138	0.02	-0.05	0.0	0	3.8	16.7	1.1	1.46	0.0	1.46	
VMP-54-20	11/19/2014	1509	0.00	0.00	0.0	0	3.8	17.2	1.3	0.22	0.0	0.22	
VMP-54-20	12/17/2014	1522	0.00	0.00	0.0	0	3.2	17.9	2.1	0.77	0.0	0.77	
VMP-54-20	1/30/2015	1030	0.00	0.00	0.0	0	2.4	18.8	1.1	0.2	0.0	0.2	
VMP-54-20	2/27/2015	1420	-0.14	0.00	0.0	0	2.1	19.0	0.6	0.2	0.0	0.2	
VMP-54-20	3/26/2015	0901	-0.46	-0.30	0.0	0	1.7	19.3	0.7	0.2	0.0	0.2	
VMP-54-20	4/22/2015	1442	0.00	0.00	0.0	0	1.3	19.6	0.7	0.8	0.0	0.8	
VMP-54-20	5/21/2015	0840	0.00	0.00	0.0	0	1.5	19.0	0.2	0.3	0.0	0.3	
VMP-54-20	6/17/2015	1057	0.00	0.00	0.0	0	1.9	18.9	0.3	0.0	0.0	0.0	
VMP-54-20	7/22/2015	1320	0.00	0.00	0.0	0	2.0	18.5	0.3	0.0	0.0	0.0	
VMP-54-20	8/19/2015	1550	0.00	0.00	0.0	0	2.5	17.8	0.2	0.0	0.0	0.0	
VMP-54-20	9/16/2015	1510	0.00	0.0	0.0	0	2.7	17.7	0.5	0.0	0.0	0.0	
VMP-54-20	10/21/2015	1544	0.00	0.00	0.0	0	2.9	17.5	0.0	0	0.0	0.0	
VMP-54-20	11/24/2015	0857	0.00	0.00	0.0	0	2.9	17.9	0.1	0	0.0	0.0	
VMP-54-20	12/16/2015	1344	0.00	0.00	0.0	0	3.0	17.7	0.4	0	0.0	0.0	
VMP-54-20	1/21/2016	1007	0.31	0.00	0.0	0	2.1	18.2	0.2	0.0	0.0	0.0	
VMP-54-20-Dup	1/21/2016	1007	NM	NM	0.0	0	2.2	18.2	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-54-20	2/18/2016	0945	0.00	0.00	0.0	0	1.9	18.6	0.3	0.0	0.0	0.0	
VMP-54-20	3/22/2016	1510	0.00	0.00	0.0	0	2.0	18.6	0.3	0.0	0.0	0.0	
VMP-54-20	4/21/2016	1015	0.00	0.00	0.0	0	2.0	18.6	0.6	0.0	0.0	0.0	
VMP-54-20	5/18/2016	1050	0.00	0.00	0.0	0	1.9	18.8	0.6	0.0	0.0	0.0	
VMP-54-20	6/21/2016	1440	0.00	0.00	0.0	0	1.7	18.3	0.3	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-54-20	7/20/2016	1054	0.05	0.08	0.0	0	2.2	17.9	0.3	0.0	0.0	0.0	
VMP-54-20	8/24/2016	1027	0.00	0.0	0.0	0	2.2	17.3	0.1	0.0	0.0	0.0	
VMP-54-20	9/21/2016	1510	0.00	0.00	0.0	0	2.6	17.0	0.2	0.0	0.0	0.0	
VMP-54-20	10/20/2016	1450	0.00	0.00	0.0	0	3.0	17.1	0.1	0.0	0.0	0.0	
VMP-54-20	11/16/2016	1243	0.00	0.00	0.0	0	3.0	16.7	0.1	0.0	0.0	0.0	
VMP-54-20	12/21/2016	1455	0.00	0.00	0.0	0	2.8	17.2	0.2	0.0	0.0	0.0	
VMP-54-30	2/25/2013	1340	0.04	0.03	0.0	0	4.9	14.6	0.5	1.3	0.0	1.3	Initial monthly sample after installation.
VMP-54-30	3/21/2013	1427	0.07	0.06	0.0	0	4.8	15.2	0.6	0.6	0.0	0.6	
VMP-54-30	4/24/2013	1042	0.00	0.00	0.0	0	3.9	16.0	0.6	0.4	0.0	0.4	
VMP-54-30	5/23/2013	842	-0.05	-0.07	0.0	0	3.1	16.3	0.5	0.2	0.0	0.2	
VMP-54-30	6/26/2013	1017	0.00	0.00	0.0	0	3.2	16.2	0.7	0.0	0.0	0.0	
VMP-54-30	7/26/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-54-30	8/29/2013	1131	-0.30	-0.84	0.0	0	3.9	15.3	0.6	0.9	0.0	0.9	
VMP-54-30	9/25/2013	1507	0.00	-0.01	0.0	0	4.6	15.2	0.6	1.9	0.0	1.9	
VMP-54-30	10/23/2013	1607	-0.07	0.00	0.0	0	4.4	15.8	0.7	0.2	0.0	0.2	
VMP-54-30	11/21/2013	0940	0.00	0.00	0.0	0	4.4	16.2	0.4	0.1	0.0	0.1	
VMP-54-30	12/18/2013	1503	0.03	0.01	0.0	0	4.2	16.8	0.3	0.9	0.0	0.9	
VMP-54-30	1/30/2014	0843	0.00	0.00	0.0	0	3.6	17.4	0.3	0.25	0.0	0.25	
VMP-54-30	2/20/2014	0932	0.16	0.10	0.0	0	3.3	17.8	0.6	0.77	0.0	0.77	
VMP-54-30	3/20/2014	0937	-0.29	0.00	0.0	0	3.1	18.3	0.9	0.29	0.0	0.29	
VMP-54-30	4/24/2014	1454	0.07	0.04	0.0	0	2.8	18.1	1.1	1.09	0.0	1.09	
VMP-54-30	5/22/2014	1031	0.00	-0.03	0.0	0	2.4	18.5	1.1	0.89	0.0	0.89	
VMP-54-30	6/18/2014	1427	0.00	0.00	0.0	0	2.4	18.3	1.3	0.85	0.0	0.85	
VMP-54-30	7/24/2014	1200	0.00	0.00	0.0	0	2.8	17.2	2.2	1.88	0.0	1.88	
VMP-54-30-Dup	7/24/2014	1205	NM	NM	0.0	0	2.7	17.7	1.7	1.58	0.0	1.58	Duplicate sample.
VMP-54-30	8/20/2014	1617	0.00	0.00	0.0	0	3.1	17.9	2.0	0.75	0.0	0.75	
VMP-54-30	9/17/2014	1207	-0.09	0.00	0.0	0	3.5	17.2	0.9	0.67	0.0	0.67	
VMP-54-30	10/22/2014	1143	0.02	0.00	0.0	0	2.3	18.5	1.1	1.49	0.0	1.49	
VMP-54-30	11/19/2014	1510	0.00	0.00	0.0	0	1.3	19.9	1.3	1.34	0.0	1.34	
VMP-54-30	12/17/2014	1527	0.00	0.00	0.0	0	0.5	20.5	2.0	1.38	0.0	1.38	
VMP-54-30	1/30/2015	1035	0.00	0.00	0.0	0	0.4	20.6	1.6	1.7	0.0	1.7	
VMP-54-30	2/27/2015	1424	-8.22	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-54-30	3/26/2015	0903	0.00	0.00	0.0	0	1.1	19.2	1.0	0.4	0.0	0.4	
VMP-54-30	4/22/2015	1443	-0.24	0.00	0.0	0	1.9	18.9	0.9	0.5	0.0	0.5	
VMP-54-30	5/21/2015	0845	0.00	0.00	0.0	0	1.5	18.5	0.3	2.1	0.0	2.1	
VMP-54-30	6/17/2015	1101	0.00	0.00	0.0	0	3.2	16.8	0.5	0.0	0.0	0.0	
VMP-54-30	7/22/2015	1324	0.00	0.00	0.0	0	3.5	17.7	0.3	0.0	0.0	0.0	
VMP-54-30	8/19/2015	1555	0.00	0.0	0.0	0	2.3	18.8	0.2	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-54-30	9/16/2015	1515	0.00	0.00	0.0	0	2.7	18.8	0.3	0.0	0.0	0.0	
VMP-54-30	10/21/2015	1546	0.00	0.00	0.0	0	1.6	19.6	0.6	0	0.0	0.0	
VMP-54-30	11/24/2015	0902	-0.25	-0.17	0.0	0	1.0	20.0	0.0	0	0.0	0.0	
VMP-54-30	12/16/2015	1345	0.00	0.00	0.0	0	0.7	19.5	0.1	0	0.0	0.0	
VMP-54-30	1/21/2016	1008	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-54-30	2/18/2016	0950	0.00	0.00	0.0	0	0.6	20.3	0.5	0.0	0.0	0.0	
VMP-54-30-Dup	2/18/2016	0950	NM	NM	0.0	0	0.6	20.2	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-54-30	3/22/2016	1515	0.00	0.00	0.0	0	0.5	20.3	0.4	0.0	0.0	0.0	
VMP-54-30	4/21/2016	1020	0.00	0.00	0.0	0	1.2	19.3	0.7	0.0	0.0	0.0	
VMP-54-30	5/18/2016	1055	0.00	0.00	0.0	0	1.0	19.4	0.6	0.0	0.0	0.0	
VMP-54-30-Dup	5/18/2016	1055	NM	NM	0.0	0	0.9	19.2	0.6	0.0	0.0	0.0	Duplicate sample.
VMP-54-30	6/21/2016	1445	0.00	0.0	0.0	0	2.2	18.7	0.5	0.0	0.0	0.0	
VMP-54-30	7/20/2016	1055	-0.14	0.03	0.0	0	1.9	15.9	0.3	0.0	0.0	0.0	
VMP-54-30	8/24/2016	1028	0.00	0.00	0.0	0	3.2	17.2	0.0	0.0	0.0	0.0	
VMP-54-30	9/21/2016	1511	0.00	0.0	0.0	0	3.4	17.1	0.3	0.0	0.0	0.0	
VMP-54-30	10/20/2016	1456	0.00	0.00	0.0	0	1.0	19.2	0.0	0.0	0.0	0.0	
VMP-54-30	11/16/2016	1244	0.00	0.00	0.0	0	1.9	18.9	0.1	0.0	0.0	0.0	
VMP-54-30	12/21/2016	1457	0.00	0.00	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	Ambient air present in Tedlar. Resampled.
VMP-54-30	12/22/2016	1324	0.00	NM	0.0	0	0.6	20.3	0.0	0.5	0.5	0.0	Resample.
VMP-55-5	3/21/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	4/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	5/22/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	6/26/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	7/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	8/28/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	9/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	10/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	11/20/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	12/18/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	1/29/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	2/20/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	3/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	4/23/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	5/22/2014	1135	-0.19	0.00	0.0	0	18.6	1.8	1.7	3.96	0.0	3.96	
VMP-55-5	6/18/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-5	7/23/2014	1012	0.20	0.00	0.0	0	20.2	2.6	2.5	2.56	1.7	0.87	
VMP-55-5	8/20/2014	1451	-0.52	0.00	0.0	0	20.2	1.7	3.2	3.96	0.0	3.96	
VMP-55-5	9/17/2014	1323	0.00	0.00	0.0	0	19.2	1.9	1.6	3.95	0.0	3.95	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-55-5	10/22/2014	1323	0.00	0.00	0.0	0	17.7	2.6	0.6	1.33	0.0	1.33	Water droplets in sample line.
VMP-55-5	11/19/2014	0842	-1.32	0.00	0.0	0	17.0	2.1	1.1	2.72	0.0	2.72	
VMP-55-5	12/17/2014	0854	0.00	0.00	0.0	0	15.9	1.8	1.6	2.16	0.0	2.16	
VMP-55-5	1/28/2015	1146	0.00	0.00	0.0	0	15.5	1.8	0.8	1.1	0.0	1.1	
VMP-55-5	2/25/2015	1611	0.00	0.00	0.0	0	16.6	2.7	0.9	1.1	0.0	1.1	
VMP-55-5	3/25/2015	1050	0.00	0.00	0.0	0	16.4	1.7	0.9	1.1	0.0	1.1	
VMP-55-5	4/22/2015	1136	-1.95	0.00	0.0	0	15.4	2.5	0.5	1.5	0.0	1.5	
VMP-55-5	5/20/2015	1240	0.00	0.00	0.0	0	19.2	1.9	0.5	2.0	0.0	2.0	
VMP-55-5	6/18/2015	0847	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-55-5	7/22/2015	1113	-3.40	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-55-5	8/19/2015	1320	-0.09	-0.27	0.0	0	21.0	1.7	0.6	0.0	0.0	0.0	
VMP-55-5	9/16/2015	1130	0.00	0.0	0.0	0	20.2	1.9	0.5	2.2	0.0	2.2	
VMP-55-5	10/21/2015	1416	0.00	0.00	0.0	0	20.1	1.4	14.6	116	77.3	38.7	Re-sampled due to elevated concentrations.
VMP-55-5	10/22/2015	1555	0.00	0.00	0.0	0	19.7	1.2	22.3	83.4	62.1	21.3	Re-sample.
VMP-55-5	11/23/2015	1320	-1.01	0.00	0.2	4	16.7	1.7	147	267	6.4	260.6	Water mixture encountered after sample bag full approx. 75%.
VMP-55-5	12/16/2015	1224	0.00	0.00	0.0	0	17.2	1.5	20.8	15.8	0.0	15.8	
VMP-55-5	1/21/2016	1150	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	2/17/2016	1009	0.00	0.00	0.0	0	15.3	2.3	19.7	28.5	1.6	26.9	
VMP-55-5	3/22/2016	1105	0.00	0.00	0.0	0	17.8	1.8	4.5	4.5	0.0	4.5	
VMP-55-5	4/20/2016	0917	0.00	0.00	0.0	0	17.2	2.1	4.8	0.0	0.0	0.0	
VMP-55-5-Dup	4/20/2016	0917	NM	NM	0.0	0	17.3	1.9	4.8	0.0	0.0	0.0	Duplicate sample.
VMP-55-5	5/18/2016	0957	-0.77	-0.22	0.0	0	15.6	5.0	3.3	0.0	0.0	0.0	
VMP-55-5	6/21/2016	0917	0.00	0.00	0.0	0	20.4	1.5	0.4	1.2	0.0	1.2	
VMP-55-5	7/21/2016	0819	14.98	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	8/24/2016	1639	-0.63	0.00	0.0	0	19.4	1.9	1.1	2.0	0.0	0.0	
VMP-55-5	9/21/2016	1130	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	10/20/2016	1337	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	11/16/2016	1038	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-5	12/5/2016	0845	0.00	NM	0.0	0	15.8	2.5	4.2	7.2	0.0	7.2	
VMP-55-5	12/21/2016	1111	-0.10	NM	0.0	0	0.0	20.9	NM	NM	NM	NM	Ambient air present in sample. Resampled.
VMP-55-5	12/22/2016	1313	-0.64	0.00	0.0	0	15.1	2.6	2.7	9.9	3.8	6.1	
VMP-55-10	3/21/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	4/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	5/22/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	6/26/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	7/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	8/28/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	9/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-55-10	10/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	11/20/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	12/18/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	1/29/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	2/20/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	3/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	4/23/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	5/22/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	6/18/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	7/23/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	8/20/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	9/17/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	10/22/2014	1324	-0.67	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	11/19/2014	0844	0.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	12/17/2014	0859	0.42	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-10	1/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	2/25/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	3/25/2015	1051	-4.96	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	4/22/2015	1137	-0.76	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	5/20/2015	1245	-1.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	6/18/2015	0847	1.03	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	7/22/2015	1117	-0.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	8/19/2015	1325	0.13	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	9/16/2015	1135	-0.13	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	10/21/2015	1414	1.85	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	11/25/2015	1321	-0.21	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	12/16/2015	1225	0.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	1/21/2016	1150	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	2/17/2016	1010	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	3/22/2016	1110	-0.92	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	4/20/2016	0918	-0.41	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	5/18/2016	0958	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	6/21/2016	0918	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	7/21/2016	0818	NM	NM	NM	NM	NM	NM	NMN	MN	NM	NM	Screen submerged.
VMP-55-10	8/24/2016	1640	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	9/21/2016	1131	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	10/20/2016	1337	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-10	11/16/2016	1039	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-55-10	12/21/2016	1115	-0.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-20	3/21/2013	1343	0.33	0.40	OVR	OVR	20.9	1.1	25.5	252000	206000	46000	Initial monthly sample after installation.
VMP-55-20	4/25/2013	1557	-0.06	0.06	OVR	OVR	20.6	0.7	44.8	460000	335000	125000	
VMP-55-20	5/22/2013	1321	-0.14	-0.19	OVR	OVR	20.3	1.4	35.0	410000	300000	110000	
VMP-55-20	6/26/2013	1515	0.45	0.53	OVR	OVR	19.9	1.1	39.9	235000	149000	86000	
VMP-55-20	7/24/2013	1531	-0.51	-0.41	46.5	OVR	19.4	1.3	27.9	124000	102000	22000	
VMP-55-20	8/28/2013	1251	0.15	-0.22	25.1	OVR	19.7	1.0	31.9	94800	77800	17000	
VMP-55-20	9/25/2013	1302	-0.02	-0.31	18.3	OVR	19.1	1.5	54.2	106000	87000	19000	
VMP-55-20	10/24/2013	1113	-0.83	-0.83	11.9	OVR	17.2	2.7	32.0	72000	72000	0.0	
VMP-55-20	11/20/2013	1245	-0.38	0.16	11.3	OVR	19.5	1.3	35.0	54400	48000	6400	
VMP-55-20	12/18/2013	1559	0.22	0.28	9.8	OVR	21.2	0.6	35.0	54000	48100	5900	
VMP-55-20	1/29/2014	1623	-0.13	-0.24	9.7	OVR	20.9	0.6	24.4	60100	54180.0	5920	
VMP-55-20	2/20/2014	850	-0.27	-0.48	12.9	OVR	18.7	0.6	42.2	58200	45300.0	12900	
VMP-55-20	3/19/2014	1505	-0.97	-0.87	9.8	OVR	20.1	2.0	42.8	50800	44500.0	6300	
VMP-55-20	4/23/2014	1544	-0.22	-0.22	9.9	OVR	20.2	1.2	61.6	48030	42000.0	6030	
VMP-55-20	5/22/2014	1137	-1.05	-0.89	8.1	OVR	17.1	3.9	75.8	35910	31200.0	4710	
VMP-55-20	6/18/2014	1136	-0.65	-0.59	9.4	OVR	19.2	1.0	108	42320	35780.0	6540	
VMP-55-20	7/23/2014	1013	-0.80	-0.89	5.8	OVR	19.5	1.9	219	18860	14760.0	4100	
VMP-55-20	8/20/2014	1452	-0.73	-0.60	4.3	86	18.0	1.6	288	11950	8580.0	3370	
VMP-55-20	9/17/2014	1325	-0.45	-0.41	2.1	42	18.7	1.6	159	10470	8280.0	2190	
VMP-55-20	10/22/2014	1324	-0.56	-0.47	1.8	37	18.4	1.5	158	8970	6810.0	2160	
VMP-55-20-Dup	10/22/2014	1329	NM	NM	2.7	55	15.9	0.7	237	10470	8400.0	2070	Duplicate sample.
VMP-55-20	11/19/2014	0844	-1.27	-0.92	1.6	32	19.0	1.0	130	8100	6310.0	1790	
VMP-55-20	12/17/2014	0902	-1.69	-0.81	1.2	25	19.8	0.6	75.3	8750	8750.0	0	
VMP-55-20	1/28/2015	1146	-0.26	0.00	1.7	34	19.4	0.6	79.2	10800	8600	2200.0	
VMP-55-20	2/25/2015	1611	-0.55	-0.57	5.7	OVR	12.8	0.5	118.0	24730	23800	930.0	
VMP-55-20	3/25/2015	1051	-1.39	-0.98	2.7	55	19.2	0.4	44.5	18500	15800	2700.0	
VMP-55-20-Dup	3/25/2015	1051	NM	NM	4.4	88	15.8	0.8	85.8	21400	18500	2900.0	Duplicate sample.
VMP-55-20	4/22/2015	1138	-1.10	-0.92	4.2	84	18.3	1.1	78.7	26900	22700	4200.0	
VMP-55-20	5/20/2015	1250	-0.57	-0.57	6.1	OVR	16.2	0.8	91.6	24700	19200	5500.0	
VMP-55-20-Dup	5/20/2015	1250	NM	NM	9.9	OVR	14.0	0.4	145.0	27350	19670	7680.0	Duplicate sample.
VMP-55-20	6/18/2015	0851	-0.54	-0.43	0.6	13	17.5	0.6	26.3	5410	4670	740.0	
VMP-55-20	7/22/2015	1118	-0.45	-0.46	0.4	8	18.6	1.1	19.8	2970	2610	360.0	
VMP-55-20	8/19/2015	1325	-0.81	-0.82	0.4	9	18.0	0.9	24.6	2660	2290	370.0	
VMP-55-20-Dup	8/19/2015	1325	NM	NM	0.5	10	16.7	0.9	31.7	3300	2770	530.0	Duplicate sample.
VMP-55-20	9/16/2015	1140	-0.38	-0.31	3.3	66	18.7	0.9	128.0	10950	8670	2280.0	
VMP-55-20	10/21/2015	1418	-0.26	-0.27	15.0	OVR	21.4	0.8	335	27060	14910	12150.0	
VMP-55-20-Dup	10/21/2015	1418	NM	NM	34.9	OVR	19.2	0.4	335.0	27390	17190	10200.0	Duplicate sample.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-55-20	11/23/2015	1322	-0.50	-0.67	22.2	OVR	21.0	0.7	255.0	27130	19140	7990.0	
VMP-55-20-Dup	11/23/2015	1327	NM	NM	45.9	OVR	18.3	1.0	358	36130	21140	14990.0	Duplicate sample.
VMP-55-20	12/16/2015	1226	-0.23	-0.45	16.7	OVR	21.7	0.5	227	24950	18940	6010.0	
VMP-55-20	1/21/2016	1152	0.12	0.00	1.3	27	20.1	0.5	73.2	8620	6880	1740	
VMP-55-20-Dup	1/21/2016	1152	NM	NM	1.3	26	17.6	0.3	87.2	7950	6240	1710	Duplicate sample.
VMP-55-20	2/17/2016	1012	-1.02	-1.07	8.8	OVR	18.5	0.8	175	16300	11300	5000	
VMP-55-20-Dup	2/17/2016	1012	NM	NM	2.9	59	20.8	0.7	175	10900	8100	2800	Duplicate sample.
VMP-55-20	3/22/2016	1115	0.27	0.30	4.5	90	21.2	0.5	104	21210	17890	3320	
VMP-55-20	4/20/2016	0919	-0.24	0.3	8.8	OVR	20.5	0.8	115	30900	25000	5900	
VMP-55-20	5/18/2016	0959	-0.40	-0.41	0.3	6	16.7	2.9	11.7	2610	2260	350	
VMP-55-20	6/21/2016	0919	-0.28	-0.51	2.0	39	19.7	0.5	42.9	12860	11070	1790	
VMP-55-20	7/21/2016	0820	-0.32	-0.23	15.7	OVR	19.4	0.6	198	41410	33330	8080	
VMP-55-20-Dup	7/21/2016	0820	NM	NM	32.5	OVR	17.7	0.4	198	50640	37160	13480	Duplicate sample.
VMP-55-20	8/24/2016	1650	0.00	-0.18	6.6	OVR	19.9	0.7	70.8	32470	27830	4640	
VMP-55-20	9/21/2016	1132	-0.18	-0.09	6.6	OVR	20.0	0.5	74.6	39680	34420	5260	
VMP-55-20	10/20/2016	1338	-0.52	-0.48	6.0	OVR	19.9	1.5	55.2	32750	28400	4350	
VMP-55-20-Dup	10/20/2016	1338	NM	NM	15.1	OVR	18.0	0.8	55.2	42600	33600	9000	Duplicate sample.
VMP-55-20	11/16/2016	1040	0.00	0.00	10.1	OVR	20.1	0.8	83.8	47780	40690	7090	
VMP-55-20	12/5/2016	0845	-0.24	NM	9.7	OVR	19.8	0.8	58.9	42400	36910	5490	
VMP-55-20	12/22/2016	1316	-0.21	-0.26	26.3	OVR	19.6	0.4	116	79330	62440	16890	
VMP-55-30	3/21/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	4/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	5/22/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	6/26/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	7/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	8/28/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	9/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	10/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	11/20/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	12/18/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	1/30/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	2/20/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	3/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	4/23/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	5/22/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	6/18/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	7/23/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	8/20/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-55-30	9/17/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	10/22/2014	1325	-0.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	11/19/2014	0845	0.87	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	12/17/2014	0901	0.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-55-30	1/28/2015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	2/25/2015	1613	-1.10	-0.60	2.4	49	17.9	0.5	74.2	17160	2390	14770.0	
VMP-55-30	3/25/2015	1052	-1.35	-0.98	8.4	OVR	12.0	0.5	106	29200	22700	6500.0	
VMP-55-30	4/22/2015	1139	-1.10	-0.97	11.8	OVR	11.2	0.9	183	36900	29700	7200.0	
VMP-55-30	5/20/2015	1255	-0.60	-0.61	10.0	OVR	9.8	0.8	165	25180	19300	5880.0	
VMP-55-30	6/18/2015	0855	-0.56	-0.46	0.6	13	13.2	0.5	39.1	4910	4140	770.0	
VMP-55-30	7/22/2015	1122	-0.40	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	8/19/2015	1335	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	9/16/2015	1145	-0.82	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	10/21/2015	1416	-0.11	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	11/23/2015	1323	0.13	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	12/16/2015	1227	0.45	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	1/22/2016	1150	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	2/17/2016	1013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	3/22/2016	1120	0.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	4/20/2016	0920	0.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	5/18/2016	0959	-0.69	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	6/21/2016	0920	-0.29	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	7/21/2016	0822	-1.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	8/24/2016	1640	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	9/21/2016	1133	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	10/20/2016	1343	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	11/16/2016	1041	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-55-30	12/22/2016	1316	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-10	4/24/2014	1027	-1.75	-2.02	0.0	0	0.2	19.5	0.4	2.12	0.0	2.12	
VMP-56-10	5/22/2014	1506	-2.37	-2.34	0.0	0	0.1	20.9	0.7	1.79	0.0	1.79	
VMP-56-10	6/19/2014	1047	-2.12	-2.11	0.0	0	0.1	20.9	1.3	1.48	0.0	1.48	
VMP-56-10	7/24/2014	1201	-1.94	-1.89	0.0	0	0.4	20.7	2.0	1.96	0.0	1.96	
VMP-56-10	8/21/2014	1210	-2.10	-2.12	0.0	0	0.1	20.9	2.2	2.93	0.0	2.93	
VMP-56-10	9/18/2014	0810	-2.73	-2.63	0.0	0	0.7	20.5	1.1	0.84	0.0	0.84	
VMP-56-10-Dup	9/19/2014	0818	NM	NM	0.0	0	0.8	20.4	1.1	0.97	0.0	0.97	Duplicate Sample.
VMP-56-10	10/22/2014	1058	-2.77	-2.69	0.0	0	0.3	20.8	1.1	0.79	0.0	0.79	
VMP-56-10	11/20/2014	1030	-3.12	-3.07	0.0	0	0.1	20.9	1.2	1.37	0.0	1.37	
VMP-56-10	12/18/2014	1445	-3.50	-3.46	0.0	0	0.1	20.9	1.3	1.56	0.0	1.56	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-56-10	1/29/2015	1015	-3.63	-3.53	0.0	0	0.1	20.8	0.6	1.0	0.0	1.0	
VMP-56-10	2/26/2015	1327	-3.57	-3.47	0.0	0	0.1	20.9	0.6	1.7	0.0	1.7	
VMP-56-10	3/26/2015	1410	-3.68	-3.87	0.0	0	0.2	20.9	1.1	1.5	0.0	1.5	
VMP-56-10	4/23/2015	1317	-3.12	-3.23	0.0	0	0.3	20.8	1.2	2.2	0.0	2.2	
VMP-56-10	5/21/2015	1500	-3.45	-3.48	0.0	0	0.1	20.8	0.7	2.9	0.0	2.9	
VMP-56-10	6/17/2015	1453	-4.72	-4.60	0.0	0	0.0	20.9	0.3	1.0	0.0	1.0	
VMP-56-10	7/23/2015	1433	-3.59	-3.59	0.0	0	0.3	20.7	0.5	1.9	0.0	1.9	
VMP-56-10	8/20/2015	1515	-4.23	-4.17	0.0	0	0.3	20.7	0.0	0.0	0.0	0.0	
VMP-56-10	9/17/2015	1445	-3.50	-3.50	0.0	0	0.0	20.9	0.0	0.5	0.0	0.5	
VMP-56-10	10/22/2015	1130	-3.61	-3.54	0.0	0	0.0	20.9	0.6	0.8	0.0	0.8	
VMP-56-10	11/24/2015	1025	-5.51	-4.86	0.0	0	0.2	20.7	0.1	0	0.0	0.0	
VMP-56-10	12/17/2015	1410	-0.12	-0.12	0.0	0	0.1	20.8	0.1	0	0.0	0.0	
VMP-56-10	1/22/2016	0950	-2.65	-2.03	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-56-10	2/18/2016	1540	-4.13	-4.01	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-56-10	3/23/2016	1445	-3.91	-3.90	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-56-10	4/20/2016	1046	-0.66	0.00	0.0	0	0.4	20.6	0.3	0.0	0.0	0.0	
VMP-56-10	5/18/2016	1025	-5.54	-5.46	0.0	0	0.4	20.7	0.7	0.3	0.0	0.3	
VMP-56-10	6/21/2016	0943	-2.22	-2.44	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-56-10	7/22/2016	0930	-1.79	-1.37	0.0	0	1.4	19.1	0.2	0.0	0.0	0.0	
VMP-56-10	8/25/2016	1355	-3.71	-3.67	0.0	0	0.6	20.2	0.6	1.4	0.0	1.4	
VMP-56-10	9/22/2016	1400	-2.03	-2.17	0.0	0	0.7	20.3	0.4	0.0	0.0	0.0	
VMP-56-10	10/21/2016	1346	-3.10	-3.12	0.0	0	0.7	20.0	0.2	0.0	0.0	0.0	
VMP-56-10	11/17/2016	1028	-1.42	-1.38	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-56-10	12/5/2016	1056	0.00	NM	0.0	0	0.6	20.1	0.1	0.0	0.0	0.0	
VMP-56-10	12/22/2016	1403	-2.09	-2.13	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-56-25	4/24/2014	1031	-3.90	-3.87	0.0	0	0.5	20.5	0.8	1.82	0.0	1.82	
VMP-56-25	5/22/2014	1506	-4.26	-4.22	0.0	0	0.8	20.1	0.7	1.7	0.0	1.7	
VMP-56-25	6/19/2014	1050	-3.84	-3.80	0.0	0	1.1	19.8	1.3	1.22	0.0	1.22	
VMP-56-25	7/24/2014	1205	-3.94	-3.84	0.0	0	1.3	19.7	1.3	1.25	0.0	1.25	
VMP-56-25	8/21/2014	1210	-4.04	-4.04	0.0	0	1.2	19.9	1.9	2.31	0.0	2.31	
VMP-56-25	9/19/2014	0811	-5.06	-4.93	0.0	0	1.3	19.8	1.0	0.82	0.0	0.82	
VMP-56-25	10/22/2014	1058	-4.42	-4.33	0.0	0	1.1	20.2	0.8	0.39	0.0	0.39	
VMP-56-25	11/20/2014	1031	-5.76	-5.66	0.0	0	0.2	20.8	1.0	1.12	0.0	1.12	
VMP-56-25	12/18/2014	1449	-5.90	-5.83	0.0	0	0.2	20.8	1.2	0.64	0.0	0.64	
VMP-56-25	1/29/2015	1020	-6.47	-6.35	0.0	0	0.1	20.8	0.5	0.4	0.0	0.4	
VMP-56-25	2/26/2015	1332	-6.12	-5.98	0.0	0	0.2	20.9	1.3	0.5	0.0	0.5	
VMP-56-25	3/26/2015	1413	-5.93	-5.94	0.0	0	0.2	20.9	1.2	1.2	0.0	1.2	
VMP-56-25	4/23/2015	1322	-5.70	-5.82	0.0	0	0.4	20.5	0.8	1.0	0.0	1.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-56-25-Dup	4/23/2015	1322	NM	NM	0.0	0	0.4	20.6	1.0	1.0	0.0	1.0	Duplicate sample.
VMP-56-25	5/21/2015	1505	-6.31	-6.34	0.0	0	0.5	20.3	0.8	2.5	0.0	2.5	
VMP-56-25	6/17/2015	1457	-7.39	-7.16	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-56-25	7/23/2015	1437	-6.92	-6.91	0.0	0	0.9	20.3	0.5	0.3	0.0	0.3	
VMP-56-25	8/20/2015	1520	-7.35	-7.27	0.0	0	0.6	20.4	0.1	0.0	0.0	0.0	
VMP-56-25	9/17/2015	1450	-7.41	-7.42	0.0	0	0.4	20.7	0.0	0.0	0.0	0.0	
VMP-56-25	10/22/2015	1135	-7.61	-7.48	0.0	0	0.1	20.8	0.6	0.5	0.0	0.5	
VMP-56-25	11/24/2015	1030	-8.94	-8.49	0.0	0	0.0	20.9	0.2	0	0.0	0.0	
VMP-56-25	12/17/2015	1411	-0.16	-0.16	0.0	0	0.1	20.9	1.7	5.2	0.0	5.2	
VMP-56-25	1/22/2016	0955	-5.05	-3.95	0.0	0	0.1	20.7	0.0	0.0	0.0	0.0	
VMP-56-25	2/18/2016	1545	-8.02	-8.17	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-56-25	3/23/2016	1450	-7.53	-7.44	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-56-25	4/20/2016	1047	-1.01	0.00	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	
VMP-56-25	5/18/2016	1030	-8.88	-8.76	0.0	0	0.6	20.5	0.4	0.0	0.0	0.0	
VMP-56-25	6/21/2016	0944	-4.37	-4.85	0.0	0	0.8	20.0	0.5	0.0	0.0	0.0	
VMP-56-25-Dup	6/21/2016	0944	NM	NM	0.0	0	0.8	20.1	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-56-25	7/22/2016	0931	-2.78	-2.24	0.0	0	1.5	19.2	0.2	0.0	0.0	0.0	
VMP-56-25	8/25/2016	1356	-7.07	-7.07	0.0	0	1.2	19.6	0.6	1.0	0.0	1.0	
VMP-56-25	9/22/2016	1401	-3.13	-3.29	0.0	0	1.0	19.9	0.2	0.0	0.0	0.0	
VMP-56-25-Dup	9/22/2016	1401	NM	NM	0.0	0	1.3	19.6	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-56-25	10/21/2016	1349	-5.08	-5.08	0.0	0	0.9	19.9	0.0	0.0	0.0	0.0	
VMP-56-25	11/17/2016	1029	-2.23	-2.15	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-56-25	12/5/2016	1057	0.17	NM	0.0	0	1.0	19.7	0.3	0.0	0.0	0.0	
VMP-56-25	12/22/2016	1407	-4.55	-4.42	0.0	0	0.1	20.8	0.7	0.0	0.0	0.0	
VMP-56-38.5	4/24/2014	1035	-5.13	-5.05	OVR	OVR	6.1	1.3	163	1000000	356000.0	644000	
VMP-56-38.5	5/22/2014	1506	-5.56	-5.50	OVR	OVR	5.9	3.2	296	1000000	271000.0	729000	
VMP-56-38.5	6/19/2014	1052	-5.13	-5.05	OVR	OVR	5.5	3.5	319	1000000	272000.0	728000	
VMP-56-38.5	7/24/2014	1209	-5.59	-5.49	OVR	OVR	5.7	8.6	159	1000000	224000.0	776000	
VMP-56-38.5-Dup	7/24/2014	1214	NM	NM	OVR	OVR	4.2	11.2	177	1000000	186000.0	814000	Duplicate sample.
VMP-56-38.5	8/21/2014	1211	-5.79	-5.77	OVR	OVR	6.6	8.7	229	490000	21800.0	468200	
VMP-56-38.5	9/19/2014	0812	-7.04	-6.85	OVR	OVR	10.0	1.6	212	575000	29800.0	545200	
VMP-56-38.5	10/22/2014	1059	-6.04	-5.94	OVR	OVR	7.2	6.1	212	423000	21980.0	401020	
VMP-56-38.5	11/20/2014	1031	-6.68	-6.53	OVR	OVR	6.6	9.1	290	312000	12400.0	299600	
VMP-56-38.5-Dup	11/20/2014	1036	NM	NM	OVR	OVR	5.0	11.9	305	282000	8900.0	273100	Duplicate sample.
VMP-56-38.5	12/18/2014	1453	-6.78	-6.61	OVR	OVR	10.0	1.0	353	275000	28900.0	246100	
VMP-56-38.5	1/29/2015	1025	-7.42	-7.29	OVR	OVR	5.7	11.6	366	251000	14600	236400	
VMP-56-38.5	2/26/2015	1337	-6.99	-6.73	OVR	OVR	11.4	0.3	211	1000000	177000	823000	
VMP-56-38.5-Dup	2/26/2015	1337	NM	NM	OVR	OVR	11.4	0.3	213	928000	129000	799000	Duplicate sample.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-56-38.5	3/26/2015	1417	-6.51	-6.51	OVR	OVR	11.7	2.5	250	1000000	34100	965900	
VMP-56-38.5	4/24/2015	1604	-6.58	NM	OVR	OVR	10.5	1.1	227	1000000	184000	816000	Resample.
VMP-56-38.5	5/21/2015	1510	-7.12	-5.10	OVR	OVR	9.1	5.1	436	167000	31300	135700	
VMP-56-38.5	6/17/2015	1501	-8.20	-7.98	OVR	OVR	10.6	4.0	151	199000	54530	144470	
VMP-56-38.5	7/23/2015	1441	-7.41	-7.80	OVR	OVR	12.1	1.2	143	196000	65450	130550	
VMP-56-38.5	8/20/2015	1525	-8.40	-8.29	OVR	OVR	5.9	10.1	108	287000	11360	275640	
VMP-56-38.5	9/17/2015	1455	-8.61	-8.59	OVR	OVR	2.3	17.3	156	103000	2520	100480	
VMP-56-38.5	10/22/2015	1140	-8.88	-8.77	OVR	OVR	3.2	15.4	212	147000	2970	144030	
VMP-56-38.5	11/24/2015	1035	-10.26	-9.78	OVR	OVR	6.6	8.9	287	211000	4760	206240	
VMP-56-38.5	12/17/2015	1412	-0.17	-0.22	OVR	OVR	1.6	18.7	468	111800	77.4	111723	
VMP-56-38.5	1/22/2016	1000	-5.78	-4.26	OVR	OVR	6.5	8.3	356	148000	5850	142150	
VMP-56-38.5	2/18/2016	1550	-9.40	-9.45	OVR	OVR	8.7	1.9	270	625000	9400	615600	
VMP-56-38.5	3/23/2016	1455	-4.23	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	4/20/2016	1048	0.22	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged. LNAPL observed in VMP.
VMP-56-38.5	5/18/2016	1024	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	6/21/2016	0945	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-56-38.5	7/22/2016	0932	-1.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	8/25/2016	1357	-31.97	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	9/22/2016	1402	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	10/21/2016	1352	-0.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	11/17/2016	1030	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-56-38.5	12/22/2016	1410	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-5	10/22/2013	1440	0.05	NM	1.5	30	9.2	1.6	50.46	5,300	3,700	1600	
VMP-57-5	10/24/2013	1431	0.00	NM	0.0	0	0.7	19.8	0.7	3.13	0	3.13	
VMP-57-5	10/25/2013	1308	-0.08	NM	0.0	0	0.3	20.8	0.5	2.40	0	2.4	
VMP-57-5	10/28/2013	1322	-0.08	NM	0.0	0	0.1	20.9	1.4	5.65	2.05	3.6	
VMP-57-5	10/31/2013	1119	-0.13	NM	0.0	0	1.1	20.3	0.4	2.24	0	2.24	
VMP-57-5	11/7/2013	0957	-0.41	NM	0.0	0	0.7	20.6	0.2	1.01	0	1.01	
VMP-57-5	11/14/2013	1450	-0.24	NM	0.0	0	0.6	20.1	0.5	0.19	0	0.19	
VMP-57-5	11/21/2013	1010	-0.61	-0.54	0.0	0	0.2	19.4	0.3	0.10	0	0.1	
VMP-57-5	12/19/2013	0838	-0.51	-0.31	0.0	0	0.2	20.8	0.6	0.42	0	0.42	
VMP-57-5	1/30/2014	1334	-0.21	-0.30	0.0	0	0.3	20.6	0.1	0.78	0.0	0.78	
VMP-57-5	2/25/2014	0929	0.00	0.00	0.0	0	0.5	19.9	0.9	0.65	0.0	0.65	
VMP-57-5	3/19/2014	0915	-0.53	-0.47	0.0	0	0.2	20.7	0.8	0.72	0.0	0.72	
VMP-57-5	4/23/2014	1337	-0.39	-0.43	0.0	0	0.2	20.6	1.4	1.49	0.0	1.49	
VMP-57-5	5/21/2014	1358	-0.29	-1.05	0.0	0	0.4	20.4	1.1	1.09	0.0	1.09	
VMP-57-5	6/18/2014	1426	-0.21	-0.20	0.0	0	0.8	20.3	0.9	0.68	0.0	0.68	
VMP-57-5	7/23/2014	1507	-0.79	-0.25	0.0	0	0.8	20.2	0.8	0.69	0.0	0.69	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-57-5	8/20/2014	1254	-0.54	-0.51	0.0	0	0.6	20.3	1.0	0.11	0.0	0.11	
VMP-57-5	9/17/2014	1600	-0.18	-0.28	0.0	0	0.9	20.1	1.1	1.02	0.0	1.02	
VMP-57-5	10/22/2014	1516	-0.32	-0.42	0.0	0	0.5	20.7	1.3	0.27	0.0	0.27	
VMP-57-5	11/19/2014	1332	-0.57	-0.27	0.0	0	0.2	20.6	1.1	0.26	0.0	0.26	
VMP-57-5	12/18/2014	0925	-0.67	-0.50	0.0	0	0.2	20.8	0.4	0.22	0.0	0.22	
VMP-57-5	1/28/2015	1420	-0.25	-0.09	0.0	0	0.2	20.9	1.1	0.2	0.0	0.2	
VMP-57-5	2/25/2015	1510	-0.53	-0.91	0.0	0	0.1	20.8	0.3	0.1	0.0	0.1	
VMP-57-5	3/26/2015	0958	-0.61	-0.56	0.0	0	0.2	20.8	0.8	0.3	0.0	0.3	
VMP-57-5	4/22/2015	1538	0.00	-0.36	0.0	0	0.4	20.5	0.7	0.0	0.0	0.0	
VMP-57-5	5/20/2015	1503	-0.51	-0.53	0.0	0	0.4	20.5	0.2	0.4	0.0	0.4	
VMP-57-5	6/17/2015	0925	-0.46	-0.37	0.0	0	0.6	20.5	0.7	0.9	0.0	0.9	
VMP-57-5	7/22/2015	1455	-0.24	-0.31	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-57-5	8/19/2015	1455	-0.52	-0.58	0.0	0	0.8	20.1	0.3	0.0	0.0	0.0	
VMP-57-5	9/16/2015	1521	-0.74	0.0	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-57-5	10/21/2015	1509	-0.29	-0.27	0.0	0	0.3	20.4	0.0	0	0.0	0.0	
VMP-57-5	11/23/2015	1515	-0.40	-0.13	0.0	0	0.3	20.7	0.0	0	0.0	0.0	
VMP-57-5	12/16/2015	1500	-0.48	-0.10	0.0	0	0.1	20.9	0.2	0	0.0	0.0	
VMP-57-5	1/22/2016	1305	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-57-5	2/17/2016	1445	0.00	-0.44	0.0	0	0.0	20.8	0.7	0.0	0.0	0.0	
VMP-57-5	3/22/2016	1500	0.00	0.00	0.0	0	0.2	2.8	0.2	0.0	0.0	0.0	
VMP-57-5	4/21/2016	1005	0.00	0.00	0.0	0	0.0	20.9	0.6	0.5	0.0	0.5	
VMP-57-5	5/18/2016	1435	-0.37	0.55	0.0	0	0.0	20.9	0.7	0.0	0.0	0.0	
VMP-57-5	6/21/2016	1505	-0.32	-0.27	0.0	0	0.0	20.9	0.6	0.7	0.0	0.7	
VMP-57-5	7/21/2016	1145	-5.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge. Could not sample.
VMP-57-5	8/24/2016	1618	-0.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-5	9/21/2016	1525	-1.26	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-5	10/21/2016	0840	-0.21	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-5	11/16/2016	1426	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Stainless steel tubing damaged.
VMP-57-5	12/21/2016	1507	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled pending re-installation.
VMP-57-5A	10/22/2013	1500	0.03	NM	0.0	0	8.2	9.3	0.0	1.2	0.0	1.2	
VMP-57-5A	10/24/2013	1440	0.00	NM	0.0	0	3.9	17.4	0.1	0.51	0	0.51	
VMP-57-5A	10/25/2013	1323	0.00	NM	0.0	0	1.4	20.1	0.2	1.04	0	1.04	
VMP-57-5A	10/28/2013	1347	-0.06	NM	0.0	0	0.7	20.5	1.2	2.85	0	2.85	
VMP-57-5A	10/31/2013	1135	-0.11	NM	0.2	4	0.9	20.2	115	327	78.9	248.1	
VMP-57-5A	11/7/2013	1001	-0.26	NM	0.0	0	0.6	20.7	0.3	1.08	0	1.08	
VMP-57-5A	11/14/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well. Could not access.
VMP-57-5A	11/21/2013	1026	-0.64	NM	0.0	0	0.2	19.6	0.3	0.17	0	0.17	
VMP-57-5A	12/19/2013	0852	-0.06	-0.30	0.0	0	0.2	20.7	0.5	0.14	0	0.14	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-57-5A	1/30/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well tubing frozen into ice inside vault. Could not sample.
VMP-57-5A	2/25/2014	0942	0.00	0.00	0.0	0	0.1	20.3	1.2	0.79	0.0	0.79	
VMP-57-5A	3/19/2014	0931	-0.35	-0.32	0.0	0	0.1	20.8	0.9	1.62	0.0	1.62	
VMP-57-5A	4/23/2014	1345	-0.25	-0.30	0.0	0	0.2	20.7	1.4	1.98	0.0	1.98	
VMP-57-5A	5/21/2014	1412	-0.17	-0.29	0.0	0	0.3	20.6	2.7	3.29	0.0	3.29	
VMP-57-5A	6/18/2014	1427	-0.14	-0.13	0.0	0	0.5	20.5	1.3	0.88	0.0	0.88	
VMP-57-5A	7/23/2014	1523	-0.27	-0.17	0.0	0	0.7	20.3	1.0	0.42	0.0	0.42	
VMP-57-5A	8/20/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well. Could not access.
VMP-57-5A	9/17/2014	1620	-0.21	-0.14	0.0	0	0.8	20.2	1.2	1.1	0.0	1.1	
VMP-57-5A	10/22/2014	1517	-0.16	-0.14	0.0	0	0.4	20.7	2.1	0.75	0.0	0.75	
VMP-57-5A	11/19/2014	1111	-0.15	-0.14	0.0	0	0.2	20.8	1.3	0.48	0.0	0.48	
VMP-57-5A	12/18/2014	0945	-0.24	-0.16	0.0	0	0.2	20.8	1.1	0.11	0.0	0.11	
VMP-57-5A	1/28/2015	1429	0.00	0.00	0.0	0	0.1	20.8	1.3	0.2	0.0	0.2	
VMP-57-5A	2/25/2015	1505	-0.18	-0.46	0.0	0	0.1	20.6	0.5	0.1	0.0	0.1	
VMP-57-5A	3/26/2015	1015	-0.50	-0.44	0.0	0	0.2	20.9	0.8	1.0	0.0	1.0	
VMP-57-5A	4/22/2015	1552	-0.57	-0.28	0.0	0	0.4	20.6	0.9	0.0	0.0	0.0	
VMP-57-5A	5/20/2015	1519	-0.31	-0.26	0.0	0	0.4	20.5	0.3	0.8	0.0	0.8	
VMP-57-5A	6/17/2015	0941	-0.53	-0.30	0.0	0	0.5	20.5	0.8	0.6	0.0	0.6	
VMP-57-5A	7/22/2015	1515	-0.21	-0.28	0.0	0	0.8	20.1	0.3	0.0	0.0	0.0	
VMP-57-5A	8/19/2015	1515	-0.34	-0.29	0.0	0	0.6	20.3	0.4	0.0	0.0	0.0	
VMP-57-5A	9/16/2015	1537	-0.80	-0.23	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-57-5A	10/21/2015	1518	-0.25	-0.22	0.0	0	0.3	20.5	0.3	0	0.0	0.0	
VMP-57-5A	11/23/2015	1531	0.00	-0.49	0.0	0	0.1	20.8	0.0	0	0.0	0.0	
VMP-57-5A	12/16/2015	1515	-0.57	-0.66	0.0	0	0.0	20.9	0.2	0	0.0	0.0	
VMP-57-5A	1/22/2016	1305	2.42	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-57-5A	2/17/2016	1505	-0.33	-0.26	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-57-5A	3/22/2016	1520	-0.13	-0.14	0.0	0	0.2	20.8	0.2	0.0	0.0	0.0	
VMP-57-5A	4/21/2016	1000	-0.15	-0.22	0.0	0	0.3	20.4	2.9	0.3	0.0	0.3	
VMP-57-5A	5/18/2016	1440	-0.55	-0.26	0.0	0	0.3	20.7	3.8	0.8	0.0	0.8	
VMP-57-5A	6/21/2016	1525	-0.54	-0.23	0.0	0	0.4	20.4	3.6	2.2	0.0	2.2	
VMP-57-5A	7/20/2016	1156	0.10	-0.10	0.0	0	0.3	20.4	0.3	0.0	0.0	0.0	
VMP-57-5A	8/24/2016	1622	-0.36	-0.25	0.0	0	0.6	20.3	2.4	0.0	0.0	0.0	
VMP-57-5A	9/21/2016	1532	-0.35	-0.26	0.0	0	0.6	20.4	1.7	0.0	0.0	0.0	
VMP-57-5A	10/21/2016	0841	-0.51	-0.46	0.0	0	0.4	20.6	0.4	0.0	0.0	0.0	
VMP-57-5A	11/16/2016	1430	-0.26	-0.30	0.0	0	0.2	20.7	0.6	0.0	0.0	0.0	
VMP-57-5A	12/21/2016	1505	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-57-10	10/22/2013	1446	0.19	NM	1.5	30	5.9	8.6	51.79	4,300	2,800	1500	
VMP-57-10	10/24/2013	1435	-0.03	NM	0.0	0	0.4	20.5	0.5	3.08	0	3.08	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-57-10	10/25/2013	1313	-0.28	NM	0.0	0	0.2	20.9	0.4	2.19	0	2.19	
VMP-57-10	10/28/2013	1328	-0.18	NM	0.0	0	0.1	20.9	0.9	3.96	0	3.96	
VMP-57-10	10/31/2013	1124	-0.30	NM	0.0	0	0.4	20.6	0.3	2.39	0	2.39	
VMP-57-10	11/7/2013	0958	-1.07	NM	0.0	0	1.2	20.0	0.3	1.53	0	1.53	
VMP-57-10	11/14/2013	1453	-0.06	NM	0.0	0	1.2	19.2	0.5	0.98	0	0.98	
VMP-57-10	11/21/2013	1014	-0.58	-0.72	0.0	0	1.1	18.1	0.3	0.10	0	0.1	
VMP-57-10	12/19/2013	0842	-0.81	-0.49	0.0	0	0.7	19.5	0.5	0.30	0	0.3	
VMP-57-10	1/30/2014	1338	-0.45	-0.58	0.0	0	0.7	19.3	0.1	0.75	0.0	0.75	
VMP-57-10	2/25/2014	0932	-0.13	-0.63	0.0	0	0.7	19.2	1.1	6.5	6.4	0.11	
VMP-57-10	3/19/2014	0920	-1.24	-0.73	0.0	0	0.4	20.1	1.1	1.62	0.0	1.62	
VMP-57-10	4/24/2014	0857	-0.66	-0.81	0.0	0	0.7	19.9	0.6	0.89	0.0	0.89	
VMP-57-10	5/21/2014	1402	-0.23	-0.71	0.0	0	1.3	19.3	2.1	2.26	0.0	2.26	
VMP-57-10	6/18/2014	1426	-0.25	-0.49	0.0	0	2.0	19.1	1.4	0.79	0.0	0.79	
VMP-57-10	7/23/2014	1512	-0.56	-1.27	0.0	0	2.4	19.3	2.0	0.65	0.0	0.65	
VMP-57-10	8/20/2014	1254	-1.22	-0.79	0.0	0	1.3	19.7	0.8	0.09	0.0	0.09	
VMP-57-10	9/17/2014	1605	-0.56	-0.66	0.0	0	1.3	20.0	1.2	0.99	0.0	0.99	
VMP-57-10	10/22/2014	1517	-0.73	-0.75	0.0	0	0.7	20.3	1.5	0.37	0.0	0.37	
VMP-57-10	11/19/2014	1334	-0.43	-0.75	0.0	0	0.4	20.6	1.1	0.19	0.0	0.19	
VMP-57-10	12/18/2014	0930	-0.84	-0.73	0.0	0	0.3	20.8	0.6	0.39	0.0	0.39	
VMP-57-10	1/28/2015	1420	-0.25	-0.06	0.0	0	0.2	20.8	0.8	0.2	0.0	0.2	
VMP-57-10	2/25/2015	1515	-0.74	-0.69	0.0	0	0.2	20.9	0.7	0.2	0.0	0.2	
VMP-57-10	3/26/2015	1003	-1.39	-1.40	0.0	0	0.2	20.8	0.9	0.8	0.0	0.8	
VMP-57-10	4/22/2015	1540	-1.21	-0.34	0.0	0	0.4	20.6	0.8	0.0	0.0	0.0	
VMP-57-10	5/20/2015	1508	-1.54	-1.60	0.0	0	0.5	20.4	0.3	0.5	0.0	0.5	
VMP-57-10	6/17/2015	0930	-1.21	-1.12	0.0	0	0.7	20.3	0.8	1.2	0.0	1.2	
VMP-57-10	7/22/2015	1500	-0.99	-1.17	0.0	0	1.0	19.8	0.2	0.0	0.0	0.0	
VMP-57-10	8/19/2015	1500	-1.71	-1.20	0.0	0	1.0	19.9	0.3	0.0	0.0	0.0	
VMP-57-10	9/16/2015	1526	-1.65	-0.93	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	
VMP-57-10	10/21/2015	1512	-0.81	-0.82	0.0	0	0.4	20.3	0.0	0	0.0	0.0	
VMP-57-10	11/23/2015	1520	-1.33	-0.12	0.0	0	0.3	20.7	0.1	0	0.0	0.0	
VMP-57-10	12/16/2015	1505	-0.12	-1.98	0.0	0	0.0	20.9	0.1	0	0.0	0.0	
VMP-57-10	1/22/2016	1305	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-57-10	2/17/2016	1450	-0.48	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-57-10	3/22/2016	1505	-0.68	-0.96	0.0	0	0.3	20.7	0.3	0.0	0.0	0.0	
VMP-57-10	4/21/2016	1015	-0.86	-1.15	0.0	0	0.4	20.3	0.7	0.0	0.0	0.0	
VMP-57-10	5/18/2016	1445	-1.71	-1.70	0.0	0	0.4	20.6	0.5	0.0	0.0	0.0	
VMP-57-10	6/21/2016	1510	-0.32	-0.27	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-57-10	7/20/2016	1146	-7.00	-0.68	0.0	0	0.6	20.3	0.1	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-57-10	8/24/2016	1619	-2.93	-2.29	0.0	0	0.8	20.2	0.1	0.0	0.0	0.0	
VMP-57-10	9/21/2016	1527	-1.47	-1.09	0.0	0	0.8	20.0	0.0	0.0	0.0	0.0	
VMP-57-10	10/21/2016	0843	-1.05	-0.77	0.0	0	0.5	20.5	0.0	0.0	0.0	0.0	
VMP-57-10	11/16/2016	1427	-0.48	-1.11	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-57-10	12/21/2016	1507	1.39	-1.21	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-57-10B	10/22/2013	1505	0.32	NM	0.0	0	10.4	1.1	1.0	33.4	13.3	20.1	
VMP-57-10B	10/24/2013	1443	-0.09	NM	0.0	0	6.9	13.1	0.1	1.03	0	1.03	
VMP-57-10B	10/25/2013	1331	-0.57	NM	0.0	0	5.8	16.5	0.2	222	215	7	
VMP-57-10B	10/28/2013	1355	-0.66	NM	0.0	0	3.5	18.5	0.9	174	174	0	
VMP-57-10B	10/31/2013	1140	-0.49	NM	0.0	0	2.8	18.6	0.2	152	152	0	
VMP-57-10B	11/7/2013	1002	-0.87	NM	0.0	0	0.7	20.6	0.2	0.53	0	0.53	
VMP-57-10B	11/14/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well. Could not access.
VMP-57-10B	11/21/2013	1030	-1.43	-0.56	0.0	0	0.2	19.6	0.3	0.10	0	0.1	
VMP-57-10B	12/19/2013	0856	-1.17	-0.61	0.0	0	0.2	20.7	0.4	0.30	0	0.3	
VMP-57-10B	1/30/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Well tubing frozen into ice inside vault. Could not sample.
VMP-57-10B	2/25/2014	0948	-1.54	0.80	0.0	0	0.2	20.5	0.9	0.41	0.0	0.41	
VMP-57-10B	3/19/2014	0936	-0.98	-1.02	0.0	0	0.2	20.7	1.0	1.11	0.0	1.11	
VMP-57-10B	4/23/2014	1349	-3.70	-1.03	0.0	0	0.2	20.6	1.5	1.97	0.0	1.97	
VMP-57-10B	5/21/2014	1417	-1.32	-0.80	0.0	0	0.3	20.5	1.3	1.51	0.0	1.51	
VMP-57-10B	6/18/2014	1427	-0.68	-0.48	0.0	0	0.6	20.5	1.2	1.13	0.0	1.13	
VMP-57-10B	7/23/2014	1528	-0.87	-0.68	0.0	0	0.7	20.4	1.5	1.28	0.0	1.28	
VMP-57-10B	8/20/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Vehicle parked on well. Could not access.
VMP-57-10B	9/17/2014	1625	-0.69	-0.60	0.0	0	0.7	20.3	1.8	2.18	0.0	2.18	
VMP-57-10B	10/22/2014	1517	-0.87	-2.16	0.0	0	0.4	20.7	1.8	0.76	0.0	0.76	
VMP-57-10B	11/20/2014	1111	-2.55	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port submerged.
VMP-57-10B	12/18/2014	0950	-0.71	-0.58	0.0	0	0.3	20.9	1.5	0.59	0.0	0.59	
VMP-57-10B	1/28/2015	1432	-0.23	-0.33	0.0	0	0.2	20.9	0.3	0.2	0.0	0.2	
VMP-57-10B	2/25/2015	1500	-0.59	-0.63	0.0	0	0.1	20.9	0.5	0.1	0.0	0.1	
VMP-57-10B	3/26/2015	1019	-1.33	-1.22	0.0	0	0.2	20.8	0.7	0.3	0.0	0.3	
VMP-57-10B	4/22/2015	1556	-1.08	-1.02	0.0	0	0.3	20.7	0.7	0.2	0.0	0.2	
VMP-57-10B	5/20/2015	1524	-1.15	-1.15	0.0	0	0.4	20.6	0.3	0.5	0.0	0.5	
VMP-57-10B	6/17/2015	0946	-0.96	-1.13	0.0	0	0.5	20.6	0.8	0.9	0.0	0.9	
VMP-57-10B	7/22/2015	1520	-0.85	-1.08	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-57-10B	8/19/2015	1520	-1.62	-1.10	0.0	0	0.7	20.1	0.3	0.0	0.0	0.0	
VMP-57-10B	9/16/2015	1542	-0.81	-0.86	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-57-10B	10/21/2015	1521	-0.85	-0.75	0.0	0	0.3	20.5	0.2	0	0.0	0.0	
VMP-57-10B	11/23/2015	1536	-0.36	-0.75	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-57-10B	12/16/2015	1520	-1.53	-1.51	0.0	0	0.0	20.9	0.1	0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-57-10B	1/22/2016	1305	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-57-10B	2/17/2016	1510	-1.41	-1.50	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-57-10B	3/22/2016	1525	-0.69	-0.83	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-57-10B	4/21/2016	1010	-0.78	-1.05	0.0	0	0.3	20.5	0.4	0.0	0.0	0.0	
VMP-57-10B	5/18/2016	1450	-1.58	-1.57	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-57-10B	6/21/2016	1530	-1.22	-1.13	0.0	0	0.4	20.4	0.7	0.0	0.0	0.0	
VMP-57-10B	7/20/2016	1201	0.00	-0.32	0.0	0	0.4	20.5	0.4	0.0	0.0	0.0	
VMP-57-10B	8/24/2016	1623	-4.16	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-10B	9/21/2016	1536	-1.40	-0.22	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-57-10B	10/21/2016	0842	-1.02	-0.98	0.0	0	0.3	20.7	0.1	0.0	0.0	0.0	
VMP-57-10B	11/16/2016	1431	-0.94	-1.05	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-57-10B	12/21/2016	1505	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-57-20	10/22/2013	1451	0.51	NM	16.5	OVR	5.6	7.7	75.76	26,400	20,700	5700	
VMP-57-20	10/24/2013	1432	-0.12	NM	4.3	84	3.4	13.4	60	11000	9620	1380	
VMP-57-20	10/25/2013	1318	-0.38	NM	1.9	37	1.9	16.7	40	7000	6150	850	
VMP-57-20	10/28/2013	1334	-0.21	NM	2.7	55	2.4	15.5	49.8	10400	8900	1500	
VMP-57-20	10/31/2013	1128	-0.19	NM	0.8	17	1.4	18.1	16	3770	3317	453	
VMP-57-20	11/7/2013	0959	-0.25	NM	0.1	3	2.4	16.3	3.5	845	815	30	
VMP-57-20	11/14/2013	1456	-0.74	NM	0.2	4	4.5	10.3	7.0	1580	1350	230	
VMP-57-20	11/21/2013	1018	-1.04	-1.41	0.0	0	2.6	15.2	1.6	455	455	0	
VMP-57-20	12/19/2013	0846	-1.46	-0.96	0.0	1	2.3	16.2	1.7	363	361.25	1.75	
VMP-57-20	1/30/2014	1342	-0.71	-0.95	0.0	0	1.3	17.7	0.2	16.2	15.6	0.6	
VMP-57-20	2/25/2014	0935	0.00	-0.11	0.0	0	0.8	18.9	0.9	2.42	0.0	2.42	
VMP-57-20	3/19/2014	0925	-1.45	-1.36	0.0	0	0.7	19.6	1.1	2.37	0.0	2.37	
VMP-57-20	4/23/2014	1341	-1.33	-1.36	0.0	0	0.8	20.2	1.4	2.97	0.0	2.97	
VMP-57-20	5/21/2014	1405	-2.16	-1.71	0.0	0	1.2	18.0	0.9	2.2	0.0	2.2	
VMP-57-20	6/18/2014	1426	-0.44	-0.60	0.0	0	2.0	18.8	1.0	0.79	0.0	0.79	
VMP-57-20	7/23/2014	1517	-0.82	-0.91	0.0	0	2.4	18.7	1.5	0.87	0.0	0.87	
VMP-57-20-Dup	7/23/2014	1522	-0.82	NM	0.0	0	2.4	18.7	1.0	0.81	0.0	0.81	Duplicate sample.
VMP-57-20	8/20/2014	1255	-1.53	-1.28	0.0	0	1.9	18.8	1.1	0.35	0.0	0.35	
VMP-57-20	9/17/2014	1610	-0.65	-0.79	0.0	0	2.0	19.1	1.1	2.08	0.0	2.08	
VMP-57-20	10/22/2014	1518	-0.28	-0.90	0.0	0	1.4	19.8	1.9	0.53	0.0	0.53	
VMP-57-20	11/19/2014	1337	-2.04	-0.77	0.0	0	2.1	19.1	0.7	0.52	0.0	0.52	
VMP-57-20-Dup	11/19/2014	1342	NM	NM	0.0	0	2.0	19.0	0.7	0.47	0.0	0.47	Duplicate sample.
VMP-57-20	12/18/2014	0935	-9.57	-2.34	0.0	0	2.0	19.5	1.1	0.65	0.0	0.65	
VMP-57-20	1/28/2015	1420	-6.25	-0.24	0.0	0	2.0	19.7	1.6	0.5	0.0	0.5	
VMP-57-20	2/25/2015	1520	-3.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-20	3/26/2015	1007	-1.51	-1.43	0.0	0	1.4	20.1	0.7	0.8	0.0	0.8	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-57-20	4/22/2015	1544	-1.80	-1.26	0.0	0	1.7	19.3	0.6	0.3	0.0	0.3	
VMP-57-20	5/20/2015	1513	-1.56	-1.70	0.0	0	1.4	19.4	0.3	0.1	0.0	0.1	
VMP-57-20	6/17/2015	0935	-2.75	-0.90	0.0	0	1.4	19.3	0.7	0.5	0.0	0.5	
VMP-57-20	7/22/2015	1505	-0.88	-1.52	0.0	0	1.7	18.8	0.3	0.0	0.0	0.0	
VMP-57-20	8/19/2015	1505	-0.52	-1.54	0.0	0	1.9	18.7	0.3	0.0	0.0	0.0	
VMP-57-20	9/16/2015	1531	-1.13	-0.92	0.0	0	2.1	19.0	0.2	0.0	0.0	0.0	
VMP-57-20	10/21/2015	1515	-1.23	-0.88	0.0	0	1.8	19.5	0.3	0.0	0.0	0.0	
VMP-57-20	11/23/2015	1525	-3.38	-0.79	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-57-20	12/16/2015	1510	-1.72	-2.37	0.0	0	1.2	20.2	0.1	0	0.0	0.0	
VMP-57-20	1/22/2016	1305	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port frozen inside ice present in well vault.
VMP-57-20	2/17/2016	1455	-1.29	-1.72	0.0	0	1.7	19.6	0.4	0.0	0.0	0.0	
VMP-57-20	3/22/2016	1510	-0.82	-1.03	0.0	0	1.6	19.7	0.3	0.0	0.0	0.0	
VMP-57-20	4/21/2016	1020	0.00	-1.28	0.0	0	1.4	19.8	0.8	0.0	0.0	0.0	
VMP-57-20	5/18/2016	1500	-1.83	-1.87	0.0	0	1.0	19.8	0.3	0.0	0.0	0.0	
VMP-57-20	6/21/2016	1515	-1.55	-0.17	0.0	0	0.2	20.7	0.5	0.2	0.0	0.0	
VMP-57-20	7/20/2016	1151	0.26	0.2	0.0	0	0.3	20.5	0.3	0.0	0.0	0.0	
VMP-57-20	8/24/2016	1620	-0.11	-3.97	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-57-20	9/22/2016	0845	-0.66	-2.33	0.0	0	1.8	19.2	0.6	0.0	0.0	0.0	
VMP-57-20	10/21/2016	0844	-1.02	-0.97	0.0	0	1.5	19.7	0.0	0.0	0.0	0.0	
VMP-57-20	11/16/2016	1428	-1.31	-1.33	0.0	0	1.5	19.8	0.1	0.0	0.0	0.0	
VMP-57-20-Dup	11/16/2016	1428	NM	NM	0.0	0	1.5	19.8	0.1	0.0	0.0	0.0	Duplicate sample.
VMP-57-20	12/21/2016	1509	-1.07	-1.20	0.0	0	1.3	19.9	0.1	0.0	0.0	0.0	
VMP-57-30	10/22/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	10/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	10/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	10/28/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	10/31/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	11/7/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	11/14/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	11/21/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	1/30/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	2/25/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	3/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	4/23/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	5/21/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	6/18/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	7/23/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	8/20/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-57-30	9/17/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	10/22/2014	1519	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	11/19/2014	1338	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	12/18/2014	0940	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-57-30	1/28/2015	1420	-61.11	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	2/25/2015	1525	-36.64	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	3/26/2015	1011	-1.46	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	4/22/2015	1548	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	5/20/2015	1518	-21.21	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	6/17/2015	0940	-15.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	7/22/2015	1510	-3.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	8/19/2015	1510	-10.01	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	9/16/2015	1536	-16.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	10/21/2015	1518	-49.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	11/23/2015	1530	-1.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	12/16/2015	1521	0.80	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	1/22/2016	1305	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	2/17/2016	1500	-10.48	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	3/22/2016	1515	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	4/21/2016	1025	-0.17	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	5/18/2016	1500	-0.29	0.00	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	Resampled due to low concentration.
VMP-57-30	5/19/2016	1500	-1.88	NM	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	Re-sample.
VMP-57-30	6/21/2016	1520	0.00	0.00	0.0	0	0.0	20.9	1.5	0.5	0.0	0.5	
VMP-57-30	7/20/2016	1155	3.35	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	8/24/2016	1621	-0.33	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	9/21/2016	1530	-1.18	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	10/21/2016	0845	-1.21	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-57-30	11/16/2016	1429	0.19	NM	NM	NM	NM	NM	NM	NM	NM	NM	Stainless steel tubing damaged.
VMP-57-30	12/21/2016	1509	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Not sampled due to pending re-installation.
VMP-58-5	10/22/2013	1248	0.07	NM	78.2	OVR	11.5	0.5	92.92	57,700	38,500	19200	
VMP-58-5	10/30/2013	1224	-0.18	NM	0.0	0	0.3	20.7	14.0	47.5	0	47.5	
VMP-58-5	10/31/2013	1053	-0.10	NM	0.0	0	0.3	20.7	2.6	8.46	1.89	6.57	
VMP-58-5	11/7/2013	1022	-0.25	NM	0.0	0	0.1	20.9	0.9	3.43	0	3.43	
VMP-58-5	11/14/2013	1053	-0.20	NM	0.0	0	0.1	20.9	1.2	2.42	0	2.42	
VMP-58-5	11/21/2013	0950	-0.66	-0.61	0.0	0	0.0	19.7	1.4	3.27	0	3.27	
VMP-58-5	12/19/2013	0902	-0.44	-0.28	0.0	0	0.1	20.9	0.7	0.94	0	0.94	
VMP-58-5	1/30/2014	1316	-2.32	-0.60	0.0	0	0.1	20.9	0.5	2.65	0.0	2.65	
VMP-58-5	2/25/2014	0904	-0.25	-0.48	0.0	0	0.1	20.5	1.0	0.85	0.0	0.85	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-58-5	3/19/2014	0859	-2.36	-0.52	0.0	0	0.1	20.8	1.0	2.41	0.0	2.41	
VMP-58-5	4/23/2014	1402	-0.93	-0.97	0.0	0	0.3	20.5	2.2	4.21	0.0	4.21	
VMP-58-5	5/21/2014	1332	-1.38	-1.38	0.0	0	0.4	20.5	1.2	2.68	0.0	2.68	
VMP-58-5	6/18/2014	1408	-1.19	-1.10	0.0	0	0.5	20.4	1.2	1.04	0.0	1.04	
VMP-58-5	7/24/2014	0840	-1.66	-1.52	0.0	0	0.5	20.4	1.1	1.47	0.0	1.47	
VMP-58-5	8/20/2014	1203	-1.81	-1.78	0.0	0	0.3	20.6	1.2	0.79	0.0	0.79	
VMP-58-5	9/17/2014	1540	-1.17	-1.36	0.0	0	0.2	20.7	1.2	2.86	0.0	2.86	
VMP-58-5	10/23/2014	0847	-1.79	-1.77	0.0	0	0.1	20.7	1.9	0.97	0.0	0.97	
VMP-58-5	11/19/2014	1536	-1.73	-1.79	0.0	0	0.1	20.9	1.3	1.5	0.0	1.5	
VMP-58-5	12/18/2014	0858	-1.16	-1.64	0.0	0	0.1	20.9	1.2	1.66	0.0	1.66	
VMP-58-5	1/28/2015	1512	-0.93	-1.26	0.0	0	0.1	20.9	2.5	2.4	0.0	2.4	
VMP-58-5	2/26/2015	0921	-7.15	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-58-5	3/26/2015	0925	-2.75	-2.24	0.0	0	0.1	20.9	0.8	1.1	0.0	1.1	
VMP-58-5	4/23/2015	0950	-2.05	-1.98	0.0	0	0.2	20.9	1.3	2.2	0.0	2.2	
VMP-58-5	5/21/2015	0908	-2.35	-2.12	0.0	0	0.0	20.9	0.7	2.2	0.0	2.2	
VMP-58-5	6/17/2015	0905	-2.22	-2.17	0.0	0	0.0	20.9	0.9	2.5	0.0	2.5	
VMP-58-5	7/22/2015	1431	-1.83	-1.96	0.0	0	0.3	20.5	0.3	0.0	0.0	0.0	
VMP-58-5	8/19/2015	1435	-2.21	-2.16	0.0	0	0.2	20.6	0.4	0.0	0.0	0.0	
VMP-58-5	9/16/2015	1439	-1.84	-1.90	0.0	0	0.2	20.9	0.4	0.4	0.0	0.4	
VMP-58-5	10/21/2015	1450	-1.77	-1.78	0.0	0	0.1	20.8	0.0	0	0.0	0.0	
VMP-58-5	11/24/2015	0825	-1.75	-2.53	0.0	0	0.0	20.9	0.1	0.1	0.0	0.1	
VMP-58-5	12/16/2015	1440	-2.83	-2.88	0.0	0	0.0	20.9	0.2	0	0.0	0.0	
VMP-58-5	1/22/2016	1230	-1.33	-1.19	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-5	2/17/2016	1425	-2.90	-2.33	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-58-5	3/22/2016	1440	-1.67	-1.80	0.0	0	0.0	20.9	0.3	0.0	0.0	0.0	
VMP-58-5	4/21/2016	0940	-1.58	-2.00	0.0	0	0.1	20.7	0.4	0.0	0.0	0.0	
VMP-58-5	5/18/2016	1510	-4.04	-2.82	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-58-5	6/21/2016	1445	-2.40	-2.34	0.0	0	0.1	20.8	0.8	1.1	0.0	1.1	
VMP-58-5	7/20/2016	1110	-0.39	-0.45	0.0	0	0.1	20.8	1.6	0.4	0.0	0.4	
VMP-58-5	8/24/2016	1555	-3.35	-3.41	0.0	0	0.0	20.9	2.4	0.4	0.0	0.4	
VMP-58-5	9/21/2016	1500	-2.79	-2.80	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-58-5	10/20/2016	1545	-2.27	-2.30	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-58-5	11/17/2016	0815	-2.27	-2.13	0.0	0	0.0	20.9	0.5	1.5	0.0	1.5	
VMP-58-5	12/5/2016	1130	0.21	NM	0.0	0	0.1	20.0	0.4	0.0	0.0	0.0	
VMP-58-5	12/21/2016	1444	-1.89	-2.00	0.0	0	0.0	20.9	0.3	0.8	0.0	0.8	
VMP-58-10	10/22/2013	1254	0.30	NM	OVR	OVR	10.8	0.6	89.22	102,000	65,100	36900	
VMP-58-10	10/30/2013	1229	-0.67	NM	0.0	0	0.3	20.7	9.0	28.5	0	28.5	
VMP-58-10	10/31/2013	1058	-0.38	NM	0.0	0	0.3	20.7	3.1	9.10	2.13	6.97	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-58-10	11/7/2013	1023	-0.83	NM	0.0	0	0.1	20.9	1.0	3.23	0	3.23	
VMP-58-10	11/14/2013	1057	-0.57	NM	0.0	0	0.1	20.9	1.4	3.17	0	3.17	
VMP-58-10	11/21/2013	0954	-1.04	-0.89	0.0	0	0.0	19.8	1.2	2.10	0	2.1	
VMP-58-10	12/19/2013	0906	-0.92	-0.61	0.0	0	0.1	20.9	0.9	0.52	0	0.52	
VMP-58-10	1/30/2014	1320	-0.16	-0.50	0.0	0	0.1	20.9	0.4	2.38	0.0	2.38	
VMP-58-10	2/25/2014	0907	-0.12	0.00	0.0	0	0.1	20.8	1.0	0.87	0.0	0.87	
VMP-58-10	3/19/2014	0904	-0.95	-0.91	0.0	0	0.1	20.8	0.9	2.03	0.0	2.03	
VMP-58-10	4/23/2014	1406	-1.14	-1.16	0.0	0	0.2	20.6	1.6	2.78	0.0	2.78	
VMP-58-10	5/21/2014	1336	-1.62	-1.65	0.0	0	0.4	20.5	1.8	2.28	0.0	2.28	
VMP-58-10	6/18/2014	1409	-1.42	-1.36	0.0	0	0.4	20.5	1.2	0.89	0.0	0.89	
VMP-58-10	7/24/2014	0845	-2.06	-1.91	0.0	0	0.4	20.5	1.6	1.44	0.0	1.44	
VMP-58-10	8/20/2014	1203	-2.23	-2.23	0.0	0	0.3	20.6	1.6	0.75	0.0	0.75	
VMP-58-10	9/17/2014	1545	-1.51	-1.76	0.0	0	0.3	20.6	1.3	2.16	0.0	2.16	
VMP-58-10	10/23/2014	0848	-2.26	-2.24	0.0	0	0.1	20.8	1.9	0.77	0.0	0.77	
VMP-58-10	11/19/2014	1537	-2.16	-2.29	0.0	0	0.1	20.9	1.1	1	0.0	1	
VMP-58-10	12/18/2014	0903	-1.47	-1.66	0.0	0	0.1	20.9	1.3	0.77	0.0	0.77	
VMP-58-10	1/28/2015	1512	-0.99	-2.09	0.0	0	0.1	20.9	2.6	2.5	0.0	2.5	
VMP-58-10	2/26/2015	0926	-6.40	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-58-10	3/26/2015	0930	-2.70	-2.65	0.0	0	0.1	20.9	1.4	1.1	0.0	1.1	
VMP-58-10	4/23/2015	0955	-2.51	-2.44	0.0	0	0.1	20.9	1.4	2.1	0.0	2.1	
VMP-58-10	5/21/2015	0912	-2.77	-2.62	0.0	0	0.0	20.9	0.7	1.6	0.0	1.6	
VMP-58-10	6/17/2015	0910	-2.71	-2.67	0.0	0	0.0	20.9	0.8	1.9	0.0	1.9	
VMP-58-10	7/22/2015	1436	-2.66	-2.46	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-58-10	8/19/2015	1435	-2.76	-2.71	0.0	0	0.2	20.6	0.4	0.0	0.0	0.0	
VMP-58-10	9/16/2015	1444	-2.37	-2.44	0.0	0	0.1	20.9	0.4	0.0	0.0	0.0	
VMP-58-10	10/21/2015	1450	-0.24	-2.38	0.0	0	0.1	20.8	0.7	0	0.0	0.0	
VMP-58-10	11/24/2015	0830	-2.59	-3.50	0.0	0	0.0	20.9	0.1	0	0.0	0.0	
VMP-58-10	12/16/2015	1445	-3.42	-3.39	0.0	0	0.0	20.9	0.2	0	0.0	0.0	
VMP-58-10	1/22/2016	1235	-1.32	-1.53	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-58-10	2/17/2016	1430	-2.92	-2.99	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-58-10	3/22/2016	1445	-2.18	-2.34	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-58-10	4/21/2016	0945	-2.03	-2.53	0.0	0	0.0	20.9	0.8	0.0	0.0	0.0	
VMP-58-10	5/18/2016	1515	-3.44	-3.46	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-58-10	6/21/2016	1450	-3.06	-3.00	0.0	0	0.1	20.8	0.5	0.0	0.0	0.0	
VMP-58-10	7/20/2016	1116	-0.51	-0.67	0.0	0	0.1	20.9	0.5	0.2	0.0	0.0	
VMP-58-10	8/24/2016	1556	-4.32	-4.42	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-58-10	9/21/2016	1504	-3.55	-3.44	0.0	0	0.1	20.8	0.6	0.0	0.0	0.0	
VMP-58-10	10/20/2016	1546	-2.41	-2.43	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-58-10	11/17/2016	0816	-2.91	-2.79	0.0	0	0.0	20.9	0.6	0.0	0.0	0.0	
VMP-58-10	12/5/2016	1131	0.28	NM	0.0	0	0.3	19.5	0.5	1.7	0.0	1.7	
VMP-58-10	12/21/2016	1447	-2.43	-2.59	0.0	0	0.0	20.9	0.4	1.1	0.0	1.1	
VMP-58-20	10/22/2013	1300	0.60	NM	OVR	OVR	9.5	0.7	89.36	173,000	91,000	82000	
VMP-58-20	10/30/2013	1234	-1.42	NM	0.5	10	1.2	17.9	9.2	3070	2740	330	
VMP-58-20	10/31/2013	1103	-0.99	NM	1.1	22	2.2	15.4	18	15870	11700	4170	
VMP-58-20	11/7/2013	1024	-1.70	NM	0.0	1	0.5	19.7	1.3	197	187	10	
VMP-58-20	11/14/2013	1100	-1.29	NM	0.0	0	0.6	18.8	3.0	417	380	37	
VMP-58-20	11/21/2013	0958	-2.16	-1.93	0.0	0	0.3	20.2	1.4	124	124	0	
VMP-58-20	12/19/2013	0910	-1.82	-1.27	0.0	1	0.6	19.7	2.0	269	263.75	5.25	
VMP-58-20	1/30/2014	1324	-0.90	-1.11	0.0	0	0.6	20.3	0.7	36.9	30.1	6.8	
VMP-58-20	2/25/2014	0910	-0.25	0.00	0.0	0	1.2	18.7	1.2	11.55	10.7	0.84	
VMP-58-20	3/19/2014	0909	-1.58	-1.68	0.0	0	0.3	20.5	1.0	2.14	0.0	2.14	
VMP-58-20	4/23/2014	1410	-1.68	-1.71	0.0	0	0.6	20.1	1.7	3.55	0.0	3.55	
VMP-58-20	5/21/2014	1340	-2.38	-2.44	0.0	0	0.9	19.6	2.0	1.46	0.0	1.46	
VMP-58-20	6/18/2014	1409	-2.22	-3.73	0.0	0	1.2	19.5	1.9	1.9	0.0	1.9	
VMP-58-20	7/24/2014	0850	-0.30	0.88	0.0	0	1.1	19.6	1.7	1.16	0.0	1.16	
VMP-58-20	8/20/2014	1209	-2.80	-3.38	0.0	0	0.8	19.7	1.7	0.79	0.0	0.79	
VMP-58-20	9/17/2014	1550	-2.36	-2.89	0.0	0	0.9	20.1	1.2	1.94	0.0	1.94	
VMP-58-20	10/23/2014	0849	-3.43	-3.57	0.0	0	0.5	20.4	1.4	0.48	0.0	0.48	
VMP-58-20	11/19/2014	1538	-3.51	-3.66	0.0	0	0.4	20.6	1.4	1.24	0.0	1.24	
VMP-58-20	12/18/2014	0908	-2.04	-4.25	0.0	0	0.3	20.7	1.2	0.7	0.0	0.7	
VMP-58-20	1/28/2015	1513	-2.61	-2.78	0.0	0	0.2	20.7	1.9	2.4	0.0	2.4	
VMP-58-20-Dup	1/28/2015	1513	NM	NM	0.0	0	0.2	20.7	1.7	1.8	0.0	1.8	Duplicate Sample
VMP-58-20	2/26/2015	0931	-4.65	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-58-20	3/26/2015	0935	-3.89	-3.86	0.0	0	0.2	20.8	1.1	0.9	0.0	0.9	
VMP-58-20	4/23/2015	1000	-3.72	-3.65	0.0	0	0.2	20.8	1.5	2.2	0.0	2.2	
VMP-58-20	5/21/2015	0916	-4.15	-3.97	0.0	0	0.2	20.6	0.6	1.6	0.0	1.6	
VMP-58-20	6/17/2015	0915	-4.08	-4.02	0.0	0	0.0	20.9	0.9	2.2	0.0	2.2	
VMP-58-20	7/22/2015	1441	-3.67	-3.82	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-58-20	8/19/2015	1445	-4.30	-4.26	0.0	0	0.6	20.1	0.3	0.0	0.0	0.0	
VMP-58-20	9/16/2015	1449	-4.00	-4.09	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-58-20	10/21/2015	1457	-4.10	-4.13	0.0	0	0.3	20.6	0.3	0	0.0	0.0	
VMP-58-20	11/24/2015	0835	-5.25	-3.26	0.0	0	0.1	20.8	0.0	0	0.0	0.0	
VMP-58-20	12/17/2015	1450	-3.37	-5.35	0.0	0	0.0	20.9	0.2	0	0.0	0.0	
VMP-58-20	1/22/2016	1240	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-58-20	2/17/2016	1435	-4.62	-4.76	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-58-20	3/22/2016	1450	-3.54	-3.86	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-58-20	4/21/2016	0950	-3.38	-4.01	0.0	0	0.2	20.6	0.9	0.0	0.0	0.0	
VMP-58-20	5/18/2016	1520	-5.25	-5.29	0.0	0	0.2	20.7	0.5	0.0	0.0	0.0	
VMP-58-20	6/21/2016	1455	-4.86	-4.78	0.0	0	0.3	20.6	0.9	0.7	0.0	0.7	
VMP-58-20	7/20/2016	1121	-0.39	-1.59	0.0	0	0.7	20.1	0.3	0.0	0.0	0.0	
VMP-58-20	8/24/2016	1559	-7.10	-7.24	0.0	0	0.3	20.6	0.5	0.0	0.0	0.0	
VMP-58-20-Dup	8/24/2016	1559	NM	NM	0.0	0	0.3	20.6	0.5	0.0	0.0	0.0	Duplicate sample.
VMP-58-20	9/21/2016	1506	-6.37	-5.93	0.0	0	0.3	20.6	0.2	0.0	0.0	0.0	
VMP-58-20	10/20/2016	1547	-3.09	-3.12	0.0	0	0.2	20.7	0.2	0.0	0.0	0.0	
VMP-58-20	11/17/2016	0817	-4.88	-4.73	0.0	0	0.2	20.7	0.6	0.5	0.0	0.5	
VMP-58-20	12/5/2016	1132	0.30	NM	0.0	0	1.3	18.7	0.6	5.5	4.6	0.9	
VMP-58-20	12/21/2016	1450	-4.20	-4.39	0.0	0	0.1	20.8	0.4	0.8	0.0	0.8	
VMP-58-30	10/22/2013	1305	0.64	NM	OVR	OVR	7.9	0.9	79.40	294,000	140,000	154000	
VMP-58-30	10/30/2013	1239	-2.04	NM	1.8	37	2.0	16.6	31.7	7040	5600	1440	
VMP-58-30	10/31/2013	1108	-1.64	NM	10.2	OVR	3.3	13.1	57	50390	34600	15790	
VMP-58-30	11/7/2013	1024	-2.32	NM	0.2	3	0.9	19.2	4.7	613	562	51	
VMP-58-30	11/14/2013	1104	-2.01	NM	0.1	2	1.2	17.6	9.0	1160	943	217	
VMP-58-30	11/21/2013	1002	-3.13	-2.82	0.0	0	0.5	20.0	4.8	338	303	35	
VMP-58-30	12/19/2013	0914	-2.72	-2.03	1.4	28	1.2	18.6	51	4300	3110	1190	Resampled due to elevated readings.
VMP-58-30	12/20/2013	1304	-1.65	NM	6.8	OVR	1.6	17.4	140	11900	5696	6204	Resample.
VMP-58-30	1/30/2014	1328	-1.72	-1.92	41.2	OVR	2.3	13.5	246	23750	10120.0	13630	
VMP-58-30	2/25/2014	0913	-0.14	-0.15	28.7	OVR	6.0	5.5	338	11400	226.0	11174	
VMP-58-30	3/19/2014	0914	-2.77	-2.67	OVR	OVR	3.0	10.0	271	70500	2750.0	67750	
VMP-58-30	4/23/2014	1414	-2.92	-2.95	OVR	OVR	3.7	9.6	285	82700	2860.0	79840	
VMP-58-30	5/21/2014	1343	-4.16	-4.24	OVR	OVR	4.5	9.1	318	43970	14820.0	29150	
VMP-58-30	6/18/2014	1409	-4.25	-3.74	38.2	OVR	8.2	8.5	352	20790	6590.0	14200	
VMP-58-30	7/24/2014	0855	-5.72	-19.62	42.9	OVR	5.2	6.7	426	22180	6750.0	15430	
VMP-58-30	8/20/2014	1207	-6.26	-5.97	12.7	OVR	5.3	8.9	417	9440	2350.0	7090	
VMP-58-30	9/17/2014	1555	-5.21	-5.51	6.6	OVR	4.4	12.7	323	5330	1112.0	4218	
VMP-58-30	10/23/2014	0850	-6.59	-6.57	4.2	84	5.0	11.7	322	3780	620.0	3160	
VMP-58-30-Dup	10/23/2014	0851	NM	NM	5.8	OVR	6.0	9.9	375	4760	1030.0	3730	Duplicate sample.
VMP-58-30	11/19/2014	1538	-6.41	-7.22	16.3	OVR	6.1	9.1	565	8600	2200.0	6400	
VMP-58-30	12/18/2014	0913	-4.87	-2.59	3.8	77	6.9	8.7	432	2610	37.6	2572.4	
VMP-58-30	1/28/2015	1513	-4.73	-5.52	14.1	OVR	8.3	5.4	604	5040	34.2	5006	
VMP-58-30	2/26/2015	0936	-8.22	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-58-30	3/26/2015	0940	-6.35	-6.32	12.0	OVR	6.5	7.7	515	3950	325	3625	
VMP-58-30	4/23/2015	1005	-6.15	-6.03	39.9	OVR	8.4	2.3	646	13960	501	13459	
VMP-58-30	5/21/2015	0920	-6.83	-6.61	51.6	OVR	6.1	5.4	572	16510	3720	12790	
VMP-58-30-Dup	5/21/2015	0920	NM	NM	67.9	OVR	7.2	3.1	602	20900	4530	16370	Duplicate sample.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-58-30	6/17/2015	0920	-6.75	-6.66	0.0	0	0.0	20.9	NM	NM	NM	NM	Well resampled due to ambient air present in tedlar.
VMP-58-30-Dup	6/17/2015	0920	NM	NM	0.0	0	0.0	20.9	NM	NM	NM	NM	Duplicate sample. Well resampled due to ambient air present in tedlar.
VMP-58-30	6/18/2015	1540	-6.36	NM	69.5	OVR	10.3	0.6	304	20480	3430	17050	Resample.
VMP-58-30-Dup	6/18/2015	1540	NM	NM	70.6	OVR	10.2	0.7	301	21120	3330	17790	Duplicate resample.
VMP-58-30	7/22/2015	1446	-6.34	-6.46	51.6	OVR	9.2	3.1	413	16650	2750	13900	
VMP-58-30	8/19/2015	1450	-7.18	-7.16	58.9	OVR	8.5	5.4	332	17840	3290	14550	
VMP-58-30	9/16/2015	1453	-7.23	-7.31	79.3	OVR	12.6	1.2	568	21420	5980	15440	
VMP-58-30	10/21/2015	1500	-7.44	-7.42	57.9	OVR	10.7	3.4	492	17340	2790	14550	
VMP-58-30	11/24/2015	0840	-8.77	-7.96	1.1	23	11.1	3.7	221	1180	8.4	1172	
VMP-58-30	12/16/2015	1455	-0.77	-9.13	0.1	2	11.9	2.5	33.8	129	1.1	128	
VMP-58-30	1/22/2016	1245	4.38	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-58-30	2/17/2016	1440	-7.70	-8.06	51.6	OVR	3.4	16.9	533	16440	2260	14180	
VMP-58-30	3/22/2016	1455	-6.72	-6.87	OVR	OVR	10.4	4.6	365	33770	11080	22690	
VMP-58-30	4/21/2016	0955	-6.08	-6.86	0.0	0	7.4	9.4	8.6	63.3	36.1	27.2	
VMP-58-30	5/18/2016	1525	-8.84	-8.65	3.8	77	6.9	9.5	284	3840	363	3477	
VMP-58-30	6/21/2016	1500	-3.20	-8.07	OVR	OVR	11.7	0.6	420	35700	10250	25450	
VMP-58-30	7/20/2016	1127	-0.43	-3.94	0.0	0	10.6	6.1	4.4	5.9	0.0	5.9	
VMP-58-30	8/24/2016	1558	-11.96	-12.32	OVR	OVR	12.1	0.9	397	50780	14180	36600	
VMP-58-30	9/21/2016	1508	-10.13	-9.81	OVR	OVR	13.0	0.5	367	94590	23530	71060	
VMP-58-30	10/20/2016	1548	-4.45	-4.44	OVR	OVR	13.0	1.2	380	81200	23600	57600	
VMP-58-30	11/17/2016	0818	-8.45	-11.04	OVR	OVR	14.1	0.7	546	41270	11640	29630	
VMP-58-30-Dup	11/17/2016	0818	NM	NM	OVR	OVR	14.2	0.5	598	43440	11650	31790	Duplicate sample.
VMP-58-30	12/5/2016	1133	0.00	NM	0.0	0	10.8	5.5	4.4	6.5	0.0	6.5	
VMP-58-30	12/21/2016	1451	-7.49	-7.72	46.2	OVR	8.9	8.7	474	22070	4930	17140	
VMP-59-5	10/22/2013	1055	0.14	NM	11.5	OVR	14.6	0.6	80.45	23,600	18,100	5500	
VMP-59-5	11/5/2013	1145	-0.35	NM	0.2	4	4.0	7.1	37.93	189.2	29.1	160.1	
VMP-59-5	11/6/2013	1355	-0.72	NM	0.1	3	4.5	8.5	39.9	163.5	35.4	128.1	
VMP-59-5	11/7/2013	1040	-0.46	NM	0.0	0	2.1	16.0	2.2	9.84	3.72	6.12	
VMP-59-5	11/14/2013	1415	-0.26	NM	0.0	0	1.5	17.9	1.5	6.74	2.67	4.07	
VMP-59-5	11/21/2013	0930	-0.57	-0.50	0.0	0	1.2	19.4	1.3	5.42	2.05	3.37	
VMP-59-5	12/19/2013	0920	-0.47	-0.28	0.0	0	1.0	20.0	0.6	1.58	0	1.58	
VMP-59-5	1/30/2014	1259	-0.08	-0.16	0.0	0	0.4	20.7	0.1	1.95	0.0	1.95	
VMP-59-5	2/25/2014	0831	0.00	0.00	0.0	0	0.3	20.6	0.6	1.82	0.0	1.82	
VMP-59-5	3/19/2014	0839	-0.43	-0.43	0.0	0	0.2	20.9	0.9	2.48	0.0	2.48	
VMP-59-5	4/23/2014	1310	-0.41	-0.41	0.0	0	0.9	20.3	1.1	2.93	0.0	2.93	
VMP-59-5	5/21/2014	1432	-0.61	-0.66	0.0	0	1.2	20.0	1.8	3.51	0.0	3.51	
VMP-59-5	6/18/2014	1353	-0.59	-0.86	0.0	0	1.3	19.6	0.9	1.28	0.0	1.28	
VMP-59-5	7/23/2014	1442	-0.78	-0.61	0.0	0	1.5	19.9	1.2	1.68	0.0	1.68	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-59-5	8/20/2014	1226	-0.86	-0.86	0.0	0	1.0	19.9	1.3	1.19	0.0	1.19	
VMP-59-5	9/17/2014	1520	-0.49	-0.60	0.0	0	0.8	20.0	1.2	2.79	0.0	2.79	
VMP-59-5	10/23/2014	0823	-0.82	-0.85	0.0	0	0.3	20.6	2.2	1.19	0.0	1.19	
VMP-59-5	11/19/2014	1512	-1.09	-0.82	0.0	0	0.2	20.8	1.5	1.58	0.0	1.58	
VMP-59-5	12/18/2014	0837	-0.90	-0.58	0.0	0	0.2	20.8	1.4	0.98	0.0	0.98	
VMP-59-5	1/29/2015	0853	-1.14	-1.01	0.0	0	0.1	20.9	0.9	1.1	0.0	1.1	
VMP-59-5	2/26/2015	0857	-1.12	-1.07	0.0	0	0.1	20.9	1.5	0.4	0.0	0.4	
VMP-59-5	3/26/2015	0858	-1.24	-1.23	0.0	0	0.2	20.7	0.7	1.2	0.0	1.2	
VMP-59-5	4/23/2015	0923	-0.95	-0.97	0.0	0	0.3	20.9	1.0	2.1	0.0	2.1	
VMP-59-5	5/21/2015	0845	-1.05	-1.06	0.0	0	0.2	20.6	0.4	2.1	0.0	2.1	
VMP-59-5	6/17/2015	0845	-1.79	-1.07	0.0	0	0.6	20.5	0.9	0.2	0.0	0.2	
VMP-59-5	7/23/2015	0900	-0.84	-1.32	0.0	0	0.7	20.5	0.4	0.3	0.0	0.3	
VMP-59-5	8/19/2015	1415	-1.04	-1.03	0.0	0	0.7	20.2	0.2	0.1	0.0	0.1	
VMP-59-5	9/16/2015	1401	-0.80	-0.74	0.0	0	0.5	20.5	0.2	0.3	0.0	0.3	
VMP-59-5	10/21/2015	1433	-0.72	-0.73	0.0	0	0.2	20.8	0.7	0.8	0.0	0.8	
VMP-59-5	11/24/2015	0850	-1.25	-1.13	0.0	0	0.2	20.8	0.0	0	0.0	0.0	
VMP-59-5	12/16/2015	1415	-3.34	-1.40	0.0	0	0.1	20.9	0.2	0	0.0	0.0	
VMP-59-5	1/21/2016	0910	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-59-5	2/17/2016	1405	-0.96	-0.97	0.0	0	0.0	20.9	0.4	0.2	0.0	0.2	
VMP-59-5	3/22/2016	1420	-0.74	-0.79	0.0	0	0.0	20.8	0.3	0.0	0.0	0.0	
VMP-59-5	4/21/2016	0920	-0.60	-0.98	0.0	0	0.1	20.8	0.4	0.4	0.0	0.4	
VMP-59-5	5/18/2016	1530	-1.45	-1.42	0.0	0	0.0	20.9	2.6	2.2	0.0	2.2	
VMP-59-5	6/21/2016	1425	-0.99	-1.14	0.0	0	0.3	20.5	1.6	3.3	0.0	3.3	
VMP-59-5	7/20/2016	1040	-0.31	-0.20	0.0	0	0.2	20.7	3.2	3.8	0.0	3.8	
VMP-59-5	8/24/2016	1530	-1.46	-1.47	0.0	0	0.2	20.7	6.4	5.8	0.0	5.8	
VMP-59-5	9/21/2016	1410	-1.28	-1.21	0.0	0	0.2	20.7	3.1	1.1	0.0	1.1	
VMP-59-5	10/20/2016	1525	-1.16	-1.19	0.0	0	0.1	20.8	0.6	0.0	0.0	0.0	
VMP-59-5-Dup	10/20/2016	1525	NM	NM	0.0	0	0.1	20.8	0.6	0.0	0.0	0.0	Duplicate sample.
VMP-59-5	11/17/2016	0840	-0.98	-0.90	0.0	0	0.1	20.9	2.3	0.9	0.0	0.9	
VMP-59-5	12/21/2016	1426	-0.89	-0.88	0.0	0	0.0	20.9	0.4	0.6	0.0	0.6	
VMP-59-10	10/22/2013	1101	0.17	NM	57.2	OVR	14.3	1.6	115	50,500	30,000	20500	
VMP-59-10	11/5/2013	1150	-0.40	NM	0.1	3	3.8	15.5	23.5	118	8.8	109.2	
VMP-59-10	11/6/2013	1400	-0.78	NM	0.1	2	3.1	17.4	31.9	92.3	4.0	88.3	
VMP-59-10	11/7/2013	1041	-0.51	NM	0.0	0	2.1	18.8	1.1	2.86	0	2.86	
VMP-59-10	11/14/2013	1418	-0.26	NM	0.0	0	1.7	18.8	0.7	2.02	0	2.02	
VMP-59-10	11/21/2013	0934	-0.64	-0.55	0.0	0	0.9	20.2	0.4	0.37	0	0.37	
VMP-59-10	12/19/2013	0924	-0.52	-0.44	0.0	0	0.9	20.3	0.3	0.39	0	0.39	
VMP-59-10	1/30/2014	1303	-0.12	-0.54	0.0	0	0.5	20.7	0.2	1.43	0.0	1.43	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-59-10	2/25/2014	0834	-0.45	0.00	0.0	0	0.3	20.6	0.8	1.48	0.0	1.48	
VMP-59-10	3/19/2014	0844	-0.49	-0.48	0.0	0	0.2	20.8	0.9	1.72	0.0	1.72	
VMP-59-10	4/23/2014	1314	-0.46	-0.42	0.0	0	0.3	20.7	1.2	2.64	0.0	2.64	
VMP-59-10	5/21/2014	1435	-0.65	-0.74	0.0	0	0.5	20.4	1.4	2.45	0.0	2.45	
VMP-59-10	6/18/2014	1353	-0.64	-0.59	0.0	0	0.5	20.4	1.2	0.88	0.0	0.88	
VMP-59-10	7/23/2014	1447	-0.78	-0.68	0.0	0	0.6	20.6	1.3	1.32	0.0	1.32	
VMP-59-10	8/20/2014	1226	-0.97	-0.97	0.0	0	0.3	20.6	1.5	0.59	0.0	0.59	
VMP-59-10	9/17/2014	1525	-0.49	-0.12	0.0	0	0.4	20.6	1.6	1.99	0.0	1.99	
VMP-59-10	10/23/2014	0824	-0.44	-0.95	0.0	0	0.2	20.8	1.6	0.75	0.0	0.75	
VMP-59-10	11/19/2014	1514	-1.55	-0.59	0.0	0	0.1	20.9	1.4	1.21	0.0	1.21	
VMP-59-10	12/18/2014	0842	-1.42	-0.99	0.0	0	0.1	20.9	2.0	0.62	0.0	0.62	
VMP-59-10	1/29/2015	0853	-0.41	-1.13	0.0	0	0.1	20.8	2.4	0.8	0.0	0.8	
VMP-59-10	2/26/2015	0902	-0.62	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-59-10	3/26/2015	0905	-1.35	-1.31	0.0	0	0.1	20.8	0.8	0.9	0.0	0.9	
VMP-59-10	4/23/2015	0928	-1.45	-1.08	0.0	0	0.1	20.9	1.0	1.5	0.0	1.5	
VMP-59-10	5/21/2015	0849	-1.15	-1.15	0.0	0	0.0	20.9	0.5	1.0	0.0	1.0	
VMP-59-10	6/17/2015	0850	-1.89	-1.19	0.0	0	0.2	20.8	0.9	0.8	0.0	0.8	
VMP-59-10	7/23/2015	0905	-1.23	-1.14	0.0	0	0.2	20.8	0.6	0.0	0.0	0.0	
VMP-59-10	8/19/2015	1420	-1.16	-1.15	0.0	0	0.2	20.6	0.5	0.0	0.0	0.0	
VMP-59-10	9/17/2015	1406	-0.91	-0.87	0.0	0	0.2	20.8	0.6	0.2	0.0	0.2	
VMP-59-10	10/21/2015	1436	-0.83	-0.85	0.0	0	0.1	20.8	0.0	0	0.0	0.0	
VMP-59-10	11/24/2015	0855	-1.57	-1.42	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-59-10	12/16/2015	1420	-1.61	-1.61	0.0	0	0.0	20.9	0.2	0	0.0	0.0	
VMP-59-10	1/21/2016	0915	0.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-59-10	2/17/2016	1410	-1.12	-1.16	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-59-10	3/22/2016	1425	-0.79	-0.90	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-59-10	4/21/2016	0925	-0.69	-1.08	0.0	0	0.1	20.9	0.6	0.7	0.0	0.7	
VMP-59-10	5/18/2016	1535	-1.55	-1.57	0.0	0	0.1	20.8	3.2	2.2	0.0	2.2	
VMP-59-10	6/21/2016	1430	-1.13	-1.27	0.0	0	0.1	20.8	4.0	8.2	0.0	8.2	
VMP-59-10	7/20/2016	1047	-0.27	-0.22	0.0	0	0.1	20.8	3.1	2.0	0.0	2.0	
VMP-59-10	8/24/2016	1531	-1.66	-1.67	0.0	0	0.0	20.9	11.3	8.1	0.0	8.1	
VMP-59-10	9/21/2016	1412	-1.44	-1.37	0.0	0	0.1	20.8	4.8	3.1	0.0	3.1	
VMP-59-10	10/20/2016	1526	-0.66	-1.06	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-59-10	11/17/2016	0841	-1.53	-1.04	0.0	0	0.0	20.9	1.4	0.0	0.0	0.0	
VMP-59-10	12/21/2016	1428	-0.97	-0.94	0.0	0	0.0	20.9	0.4	0.0	0.0	0.0	
VMP-59-20	10/22/2013	1106	0.40	NM	OVR	OVR	11.5	0.6	77.29	310,000	180,000	130000	
VMP-59-20	11/5/2013	1155	-1.37	NM	0.5	10	8.5	4.1	46.91	1950	1420	530	
VMP-59-20	11/6/2013	1405	-2.14	NM	0.2	4	7.3	5.7	36.9	950	610	340	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-59-20	11/7/2013	1042	-1.59	NM	0.0	1	6.6	7.2	13.5	481	344	137	
VMP-59-20	11/14/2013	1423	-1.07	NM	0.0	0	6.2	11.4	3.7	39.5	0	39.5	
VMP-59-20	11/21/2013	0938	-2.11	-1.92	0.0	0	4.6	15.7	1.0	2.42	0	2.42	
VMP-59-20	12/19/2013	0928	-1.75	-1.19	0.0	0	5.0	15.9	0.7	1.75	0	1.75	
VMP-59-20	1/30/2014	1307	-0.71	-1.02	0.0	0	3.0	18.6	0.2	3.52	0.0	3.52	
VMP-59-20	2/25/2014	0837	0.00	0.00	0.0	0	1.6	19.7	1.0	12.52	12.1	0.4	
VMP-59-20	3/19/2014	0849	-1.68	-1.58	0.0	0	1.4	20.2	0.9	1.44	0.0	1.44	
VMP-59-20	4/23/2014	1316	-1.63	-1.54	0.0	0	1.2	20.1	1.3	2.1	0.0	2.1	
VMP-59-20	5/21/2014	1438	-2.38	-2.40	0.0	0	1.4	19.8	1.9	2.06	0.0	2.06	
VMP-59-20	6/18/2014	1354	-2.20	-2.87	0.0	0	1.1	20.0	1.2	1.29	0.0	1.29	
VMP-59-20	7/23/2014	1452	-5.12	-2.66	0.0	0	1.1	20.3	1.2	0.89	0.0	0.89	
VMP-59-20	8/20/2014	1227	-2.95	-3.42	0.0	0	1.0	20.2	1.2	0.49	0.0	0.49	
VMP-59-20	9/17/2014	1530	-1.57	-2.86	0.0	0	1.2	20.2	1.2	1.58	0.0	1.58	
VMP-59-20	10/23/2014	0825	-3.67	-3.72	0.0	0	0.5	20.6	2.1	0.46	0.0	0.46	
VMP-59-20	11/19/2014	1515	-3.42	-3.68	0.0	0	0.6	20.6	1.4	0.77	0.0	0.77	
VMP-59-20	12/18/2014	0847	-2.25	-2.42	0.0	0	0.6	20.7	1.7	0.71	0.0	0.71	
VMP-59-20	1/29/2015	0853	-4.20	-4.13	0.0	0	0.4	20.7	1.4	0.6	0.0	0.6	
VMP-59-20	2/26/2015	0907	-4.37	-4.30	0.0	0	0.3	20.8	1.7	0.2	0.0	0.2	
VMP-59-20	3/26/2015	0911	-3.87	-3.78	0.0	0	0.2	20.8	1.0	0.7	0.0	0.7	
VMP-59-20	4/23/2015	0933	-3.49	-3.50	0.0	0	0.3	20.8	0.9	1.0	0.0	1.0	
VMP-59-20	5/21/2015	0853	-3.90	-3.88	0.0	0	0.2	20.6	0.5	0.8	0.0	0.8	
VMP-59-20	6/17/2015	0855	-3.72	-3.83	0.0	0	0.4	20.4	0.8	0.7	0.0	0.7	
VMP-59-20	7/23/2015	0910	-4.14	-4.00	0.0	0	0.4	20.7	0.6	0.0	0.0	0.0	
VMP-59-20	8/19/2015	1425	-4.06	-4.12	0.0	0	0.6	20.4	0.4	0.0	0.0	0.0	
VMP-59-20	9/16/2015	1411	-3.94	-3.86	0.0	0	0.6	20.3	0.2	0.0	0.0	0.0	
VMP-59-20	10/21/2015	1440	-4.07	-4.03	0.0	0	0.4	20.7	0.5	0	0.0	0.0	
VMP-59-20	11/24/2015	0900	-5.31	-6.27	0.0	0	0.4	20.6	0.0	0	0.0	0.0	
VMP-59-20	12/16/2015	1425	-13.34	2.56	0.0	0	0.2	20.8	0.2	0	0.0	0.0	
VMP-59-20	1/21/2016	0920	-6.05	-2.04	0.0	0	0.3	20.7	0.2	0.0	0.0	0.0	
VMP-59-20	2/17/2016	1415	-4.45	-4.52	0.0	0	0.2	20.7	0.3	0.0	0.0	0.0	
VMP-59-20	3/22/2016	1430	-3.47	-3.68	0.0	0	0.2	20.8	0.3	0.0	0.0	0.0	
VMP-59-20	4/21/2016	0930	-2.75	-3.83	0.0	0	0.2	20.7	1.3	1.0	0.0	1.0	
VMP-59-20	5/18/2016	1540	-5.47	-5.12	0.0	0	0.2	20.8	3.0	2.1	0.0	2.1	
VMP-59-20	6/21/2016	1435	-4.60	-4.64	0.0	0	0.2	20.7	2.6	5.8	0.0	5.8	
VMP-59-20	7/20/2016	1053	-0.56	-0.42	0.0	0	0.3	20.6	4.2	3.6	0.0	3.6	
VMP-59-20	8/24/2016	1532	-6.43	-6.50	0.0	0	0.4	20.6	11.6	7.8	0.0	7.8	
VMP-59-20	9/21/2016	1414	-5.44	-5.15	0.0	0	0.5	20.5	4.8	0.0	0.0	0.0	
VMP-59-20	10/20/2016	1527	-2.83	-2.93	0.0	0	0.5	20.5	0.7	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-59-20	11/17/2016	0842	-4.74	-4.61	0.0	0	0.3	20.7	1.0	0.0	0.0	0.0	
VMP-59-20	12/21/2016	1430	-4.19	-4.13	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-59-30	10/22/2013	1111	0.53	NM	OVR	OVR	5.4	1.1	66.55	1,000,000	720,000	280000	
VMP-59-30	11/5/2013	1205	-1.81	NM	OVR	OVR	6.9	0.9	71.84	935000	369000	566000	
VMP-59-30	11/6/2013	1410	-2.72	NM	OVR	OVR	7.7	0.7	79.9	368000	199000	169000	
VMP-59-30	11/7/2013	1043	-2.05	NM	OVR	OVR	8.5	0.6	67.6	142000	103000	39000	
VMP-59-30	11/14/2013	1427	-1.51	NM	0.5	10	6.1	2.0	25.9	4600	3800	800	
VMP-59-30	11/21/2013	0942	-2.73	-2.54	0.1	2	6.1	9.0	11.0	992	881	111	
VMP-59-30	12/19/2013	0932	-2.25	-1.56	0.2	4	6.7	8.5	8.0	1080	1050	30	
VMP-59-30	1/30/2014	1311	-0.92	-1.34	0.0	0	4.6	15.1	2.1	638	638.0	0	
VMP-59-30	2/25/2014	0840	-0.05	0.00	0.0	0	2.7	18.6	1.7	124	120.0	4	
VMP-59-30	3/19/2014	0854	-3.03	-2.04	0.0	0	3.2	18.3	1.5	79.3	62.5	16.8	
VMP-59-30	4/23/2014	1318	-2.06	-1.94	0.0	0	2.3	18.7	1.7	49	47.3	1.7	
VMP-59-30	5/21/2014	1441	-2.83	-3.01	0.0	0	2.2	18.8	2.8	26.8	12.5	14.3	
VMP-59-30	6/18/2014	1354	-2.73	-2.63	0.0	0	1.7	19.2	1.4	20.6	17.7	2.9	
VMP-59-30	7/23/2014	1457	-3.68	-3.49	0.0	0	2.3	18.8	1.2	14.8	14.4	0.4	
VMP-59-30-Dup	7/23/2014	1502	NM	NM	0.0	0	2.2	18.9	1.1	14.2	14.2	0	Duplicate sample.
VMP-59-30	8/20/2014	1227	-4.33	-4.24	0.0	0	2.3	18.6	1.4	4.12	0.0	4.12	
VMP-59-30	9/17/2014	1535	-1.97	-3.57	0.0	0	2.3	19.0	1.4	9.29	9.3	0	
VMP-59-30	10/23/2014	0826	-4.59	-4.66	0.0	0	1.8	19.5	1.8	1.69	0.0	1.69	
VMP-59-30	11/19/2014	1515	-4.31	-4.63	0.0	0	1.4	19.8	1.4	3.26	0.0	3.26	
VMP-59-30	12/18/2014	0852	-2.85	-3.03	0.0	0	1.6	19.6	1.5	6.76	6.8	0	
VMP-59-30	1/29/2015	0853	-5.26	-5.20	0.0	0	1.4	19.8	1.7	2.2	0.0	2.2	
VMP-59-30	2/26/2015	0911	-5.43	-5.32	0.0	0	1.5	19.6	1.0	0.7	0.0	0.7	
VMP-59-30	3/26/2015	0916	-4.63	-4.52	0.0	0	1.3	19.5	0.8	3.1	0.0	3.1	
VMP-59-30-Dup	3/26/2015	0916	NM	NM	0.0	0	1.4	19.4	1.0	3.2	0.0	3.2	Duplicate Sample
VMP-59-30	4/23/2015	0938	-4.23	-6.26	0.0	0	1.7	19.1	1.2	5.7	4.9	0.8	
VMP-59-30	5/21/2015	0857	-4.70	-4.68	0.0	0	1.6	18.3	0.6	3.3	0.0	3.3	
VMP-59-30	6/17/2015	0900	-4.62	-4.51	0.0	0	2.4	18.0	1.0	2.5	0.0	2.5	
VMP-59-30	7/23/2015	0915	-4.93	-4.77	0.0	0	2.6	18.5	0.5	2.4	0.0	2.4	
VMP-59-30	8/19/2015	1430	-4.81	-4.89	0.0	0	3.2	16.9	3.8	27.2	9.2	18.0	
VMP-59-30	9/16/2015	1416	-4.76	-4.68	0.0	0	2.9	17.8	0.8	1.8	0.0	1.8	
VMP-59-30	10/21/2015	1443	-4.95	-4.92	0.0	0	2.5	18.3	0.4	0.5	0.0	0.5	
VMP-59-30	11/24/2015	0905	-6.21	-6.18	0.0	0	2.3	18.8	0.1	0.0	0.0	0.0	
VMP-59-30-Dup	11/24/2015	0910	NM	NM	0.0	0	2.3	18.8	0.2	0	0.0	0.0	Duplicate sample.
VMP-59-30	12/16/2015	1430	-6.22	-6.35	0.0	0	2.1	19.0	0.1	0	0.0	0.0	
VMP-59-30	1/21/2016	0925	-2.54	-2.49	0.0	0	1.9	18.7	0.2	0.0	0.0	0.0	
VMP-59-30	2/17/2016	1420	-5.38	-5.47	0.0	0	1.6	19.1	0.3	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-59-30	3/22/2016	1435	-4.13	-4.37	0.0	0	1.3	19.5	0.3	0.0	0.0	0.0	
VMP-59-30	4/21/2016	0935	-3.25	-4.59	0.0	0	1.5	18.9	1.3	2.0	0.0	2.0	
VMP-59-30	5/18/2016	1545	-5.93	-5.99	0.0	0	1.4	19.2	3.3	1.6	0.0	1.6	
VMP-59-30	6/21/2016	1440	-5.58	-5.58	0.0	0	1.8	18.6	3.7	7.5	0.0	7.5	
VMP-59-30	7/20/2016	1059	-0.63	-0.53	0.0	0	1.0	19.9	3.5	2.5	0.0	2.5	
VMP-59-30	8/24/2016	1533	-7.71	-7.78	0.0	0	2.2	18.3	11.3	9.2	0.0	9.2	
VMP-59-30	9/21/2016	1419	-6.48	-6.24	0.0	0	2.3	18.3	3.6	15.4	2.9	12.5	
VMP-59-30	10/20/2016	1528	-2.78	-2.85	0.0	0	2.2	18.7	0.7	0.4	0.0	0.4	
VMP-59-30	11/17/2016	0843	-5.57	-5.55	0.0	0	1.6	19.1	1.8	0.8	0.0	0.8	
VMP-59-30-Dup	11/17/2016	0843	NM	NM	0.0	0	1.6	19.1	2.7	1.0	0.0	1.0	Duplicate sample.
VMP-59-30	12/21/2016	1435	-5.18	-5.18	0.0	0	1.0	20.1	0.1	0.0	0.0	0.0	
VMP-60-5	10/22/2013	0958	0.00	NM	0.0	0	0.3	20.5	0.0	2.18	0.0	2.18	
VMP-60-5	11/7/2013	1316	-0.13	NM	0.3	6	1.4	20.3	137	374	32.4	341.6	
VMP-60-5	11/8/2013	1055	-0.21	NM	0.1	2	1.4	20.5	50.4	140	0	140	
VMP-60-5	11/14/2013	1012	-0.25	NM	0.0	0	1.0	20.6	0.3	11.96	2.11	9.85	
VMP-60-5	11/21/2013	0950	-0.26	NM	0.0	0	0.7	20.9	0.4	0.81	0	0.81	
VMP-60-5	12/18/2013	1120	-0.05	0.03	0.0	0	0.6	20.6	0.7	0.11	0	0.11	
VMP-60-5	1/30/2014	0910	0.00	0.00	0.0	0	0.0	20.9	0.4	2.97	0.0	2.97	
VMP-60-5	2/25/2014	0908	0.00	0.00	0.0	0	0.2	20.9	0.9	2.05	0.0	2.05	
VMP-60-5	3/19/2014	1343	-0.03	0.00	0.0	0	0.0	20.6	1.3	2.92	0.0	2.92	
VMP-60-5	4/24/2014	1334	0.00	0.00	0.0	0	0.1	20.8	1.2	2.82	0.0	2.82	
VMP-60-5	5/21/2014	1103	-0.33	-0.33	0.0	0	0.5	20.8	2.8	2.29	0.0	2.29	
VMP-60-5	6/18/2014	1134	-0.31	-0.28	0.0	0	0.9	20.3	0.8	0.99	0.0	0.99	
VMP-60-5	7/23/2014	1216	-0.32	-0.38	0.0	0	1.1	19.9	1.7	1.11	0.0	1.11	
VMP-60-5	8/20/2014	1205	-0.43	-0.45	0.0	0	1.1	19.8	1.7	0.51	0.0	0.51	
VMP-60-5	9/17/2014	1310	-0.30	-0.28	0.0	0	0.9	20.1	1.4	1.27	0.0	1.27	
VMP-60-5	10/22/2014	0848	-0.50	-0.48	0.0	0	0.6	20.5	1.2	2.07	0.0	2.07	
VMP-60-5	11/19/2014	0907	-0.11	-0.53	0.0	0	0.3	20.6	1.1	0.48	0.0	0.48	
VMP-60-5	12/17/2014	1455	-0.30	-0.36	0.0	0	0.2	20.7	1.3	0.98	0.0	0.98	
VMP-60-5	1/29/2015	1354	-0.45	-0.48	0.0	0	0.2	20.9	0.9	0.8	0.0	0.8	
VMP-60-5	2/25/2015	0919	-0.35	-0.31	0.0	0	0.1	20.7	0.6	0.6	0.0	0.6	
VMP-60-5	3/25/2015	1443	-0.58	-0.58	0.0	0	0.2	20.7	0.9	1.8	0.0	1.8	
VMP-60-5	4/22/2015	1000	-0.86	-0.72	0.0	0	0.3	20.7	0.8	0.8	0.0	0.8	
VMP-60-5	5/20/2015	0858	-0.60	-0.55	0.0	0	0.5	20.4	0.4	0.7	0.0	0.7	
VMP-60-5	6/17/2015	0850	-0.73	-0.64	0.0	0	0.7	20.2	0.6	3.3	0.0	3.3	
VMP-60-5	7/22/2015	0851	-0.11	-0.48	0.0	0	0.9	19.9	0.2	0.0	0.0	0.0	
VMP-60-5	8/19/2015	0930	-0.42	-0.59	0.0	0	1.0	19.8	0.2	0.0	0.0	0.0	
VMP-60-5	9/16/2015	0859	-0.42	-0.38	0.0	0	0.8	20.1	0.3	0.0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-60-5	10/21/2015	1304	-0.28	-0.24	0.0	0	0.3	20.7	0.6	0	0.0	0.0	
VMP-60-5	11/23/2015	0905	-0.86	-0.51	0.0	0	0.2	20.8	0.0	0	0.0	0.0	
VMP-60-5	12/16/2015	0930	-0.88	-0.87	0.0	0	0.2	20.7	0.2	0	0.0	0.0	
VMP-60-5	1/20/2016	1037	-0.37	-0.31	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-60-5	2/17/2016	0936	-0.48	-0.57	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-60-5	3/22/2016	0905	-0.51	-0.46	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-60-5	4/20/2016	0930	2.39	-0.33	0.0	0	0.3	20.4	0.8	0.0	0.0	0.0	
VMP-60-5	5/18/2016	1225	-0.99	-0.96	0.0	0	0.3	20.7	0.9	0.0	0.0	0.0	
VMP-60-5	6/21/2016	0845	-0.49	-0.66	0.0	0	0.2	20.7	0.8	0.0	0.0	0.0	
VMP-60-5	7/21/2016	0905	-0.70	-0.59	0.0	0	0.7	20.1	0.7	0.0	0.0	0.0	
VMP-60-5	8/24/2016	0855	-0.65	-0.53	0.0	0	0.5	20.5	0.8	0.0	0.0	0.0	
VMP-60-5	9/21/2016	0916	-0.67	-0.70	0.0	0	0.4	20.2	0.7	0.0	0.0	0.0	
VMP-60-5	10/20/2016	0920	-0.90	-0.73	0.0	0	0.1	20.4	0.2	2.5	2.5	0.0	
VMP-60-5	11/16/2016	0934	-0.37	-0.27	0.0	0	0.1	20.8	0.1	0.0	0.0	0.0	
VMP-60-5	12/5/2016	0850	-0.03	NM	0.0	0	0.7	19.9	1.5	8.4	2.4	6.0	
VMP-60-5	12/22/2016	0920	-0.53	-0.50	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-60-10	10/22/2013	1005	-0.03	NM	0.0	0	8.6	6.4	3.1	55.9	26.9	29	
VMP-60-10	11/7/2013	1319	-0.21	NM	0.1	3	4.6	14.1	112	238	14.6	223.4	
VMP-60-10	11/8/2013	1100	-0.26	NM	0.0	1	4.1	15.3	39.9	85.7	0	85.7	
VMP-60-10	11/14/2013	1016	-0.24	NM	0.0	0	4.5	13.5	0.4	1.27	0	1.27	
VMP-60-10	11/21/2013	0954	-0.40	NM	0.0	0	2.3	17.8	0.4	1.19	0	1.19	
VMP-60-10	12/18/2013	1125	-0.11	0.00	0.0	0	4.0	14.0	0.6	0	0	0	
VMP-60-10	1/30/2014	0914	-0.08	-0.08	0.0	0	5.6	12.4	0.8	2.83	0.0	2.83	
VMP-60-10	2/25/2014	0914	-0.04	0.00	0.0	0	1.8	18.6	0.9	1.38	0.0	1.38	
VMP-60-10	3/19/2014	1348	-0.10	-0.08	0.0	0	0.3	20.5	1.3	3.25	0.0	3.25	
VMP-60-10	4/24/2014	1338	-0.45	0.00	0.0	0	1.1	20.0	1.1	1.99	0.0	1.99	
VMP-60-10	5/21/2014	1106	-0.21	-0.44	0.0	0	1.5	19.9	3.3	2.21	0.0	2.21	
VMP-60-10	6/18/2014	1134	-0.37	-0.35	0.0	0	1.9	19.4	1.0	0.95	0.0	0.95	
VMP-60-10	7/23/2014	1221	-0.20	-0.24	0.0	0	2.2	19.2	1.3	1.17	0.0	1.17	
VMP-60-10	8/20/2014	1210	-0.28	-0.30	0.0	0	2.0	18.9	1.4	0.52	0.0	0.52	
VMP-60-10	9/17/2014	1325	-0.20	-0.37	0.0	0	2.1	19.2	1.3	1.12	0.0	1.12	
VMP-60-10	10/22/2014	0849	-0.27	-0.27	0.0	0	1.3	20.0	1.1	1.48	0.0	1.48	
VMP-60-10	11/19/2014	0908	0.11	-0.60	0.0	0	1.0	19.9	1.0	0.78	0.0	0.78	
VMP-60-10	12/17/2014	1500	-0.22	-0.34	0.0	0	0.7	20.4	1.5	0.78	0.0	0.78	
VMP-60-10	1/29/2015	1359	-0.62	-0.65	0.0	0	0.4	20.8	1.5	0.5	0.0	0.5	
VMP-60-10	2/25/2015	0918	-0.43	-0.40	0.0	0	0.3	20.6	0.7	0.4	0.0	0.4	
VMP-60-10	3/25/2015	1449	-0.66	-0.69	0.0	0	0.4	20.6	1.2	1.5	0.0	1.5	
VMP-60-10	4/22/2015	1004	-1.03	-0.92	0.0	0	0.5	20.5	0.5	0.3	0.0	0.3	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-60-10	5/20/2015	0903	-0.34	-0.68	0.0	0	0.7	20.2	0.4	0.4	0.0	0.4	
VMP-60-10	6/17/2015	0855	-0.57	-0.79	0.0	0	1.0	20.0	0.6	2.9	0.0	2.9	
VMP-60-10	7/22/2015	0855	0.00	-0.89	0.0	0	1.2	19.6	0.2	0.0	0.0	0.0	
VMP-60-10	8/19/2015	0935	-0.51	-0.68	0.0	0	1.5	19.5	0.2	0.0	0.0	0.0	Water present in Tedlar.
VMP-60-10	9/16/2015	0904	-0.32	-0.75	0.0	0	1.3	19.8	0.6	0.0	0.0	0.0	
VMP-60-10	10/21/2015	1308	-0.17	-0.14	0.0	0	0.7	20.3	0.9	0	0.0	0.0	
VMP-60-10	11/23/2015	0910	-0.65	0.00	0.0	0	0.5	20.6	0.0	0	0.0	0.0	
VMP-60-10	12/16/2015	0935	-0.68	-0.82	0.0	0	0.3	20.6	0.3	0	0.0	0.0	
VMP-60-10	1/20/2016	1042	-0.22	-0.35	0.0	0	0.4	20.9	0.1	0.0	0.0	0.0	
VMP-60-10	2/17/2016	0941	-0.58	-0.42	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-60-10	3/22/2016	0910	-0.30	-0.60	0.0	0	0.3	20.6	0.4	0.0	0.0	0.0	
VMP-60-10	4/20/2016	0935	3.48	-0.20	0.0	0	0.4	20.4	1.1	0.0	0.0	0.0	
VMP-60-10	5/18/2016	1230	-0.60	-1.13	0.0	0	0.5	20.5	1.4	0.0	0.0	0.0	
VMP-60-10	6/21/2016	0850	-0.32	-0.41	0.0	0	0.6	20.0	1.9	0.0	0.0	0.0	
VMP-60-10	7/21/2016	0910	-5.66	-1.91	0.0	0	0.9	20.1	1.4	0.0	0.0	0.0	
VMP-60-10	8/24/2016	0856	-27.89	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-60-10	9/21/2016	0917	-9.78	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-60-10	10/20/2016	0921	-0.19	-0.78	0.0	0	0.7	20.2	0.1	0.0	0.0	NM	
VMP-60-10	11/16/2016	0935	0.00	0.00	0.0	0	0.6	20.5	0.1	0.0	0.0	0.0	
VMP-60-10	12/5/2016	0851	-0.03	NM	0.0	0	1.0	20.0	2.1	20.9	10.3	10.6	
VMP-60-10	12/22/2016	0921	-0.70	-0.57	0.0	0	0.6	20.3	0.1	0.0	0.0	0.0	
VMP-60-20	10/22/2013	1011	-0.17	NM	39.5	OVR	12.7	0.7	55.44	69,100	52,500	16600	
VMP-60-20	11/7/2013	1324	-0.82	NM	0.6	13	11.2	4.3	171	897	199	698	
VMP-60-20	11/8/2013	1105	-0.95	NM	0.5	10	11.0	4.8	116	690	155	535	
VMP-60-20	11/14/2013	1020	-0.89	NM	0.1	2	10.2	4.9	49.5	235	44.5	190.5	
VMP-60-20	11/21/2013	0958	-1.36	NM	0.0	0	9.4	5.5	46	120	33.0	87	
VMP-60-20	12/18/2013	1130	-0.64	-0.41	0.0	0	9.2	5.8	8.0	13	2.0	11	
VMP-60-20	1/30/2014	0918	-0.04	-0.63	0.0	0	0.9	19.2	0.3	2.13	0.0	2.13	Resampled due to elevated oxygen concentration.
VMP-60-20	1/31/2014	0902	-1.26	NM	0.0	0	4.2	14.2	1.0	3.98	0.0	3.98	Resample.
VMP-60-20	2/25/2014	0919	-0.06	0.00	0.0	0	2.5	18.9	0.9	1.18	0.0	1.18	
VMP-60-20	3/19/2014	1353	-0.63	-0.57	0.0	0	3.1	18.3	1.3	2.29	0.0	2.29	
VMP-60-20	4/24/2014	1342	-0.68	-0.60	0.0	0	2.9	19.1	1.2	1.45	0.0	1.45	
VMP-60-20	5/21/2014	1109	-1.46	-1.47	0.0	0	3.0	19.0	6.5	2.96	0.0	2.96	
VMP-60-20	6/18/2014	1135	-1.35	-0.75	0.0	0	3.0	18.9	0.7	0.69	0.0	0.69	
VMP-60-20	7/23/2014	1225	-1.92	-1.83	0.0	0	3.7	18.4	1.2	1.12	0.0	1.12	
VMP-60-20	8/20/2014	1215	-2.04	-1.99	0.0	0	3.8	18.1	1.6	0.65	0.0	0.65	
VMP-60-20	9/17/2014	1320	-1.71	-1.65	0.0	0	3.7	18.4	1.4	1.48	0.0	1.48	
VMP-60-20	10/22/2014	0850	-5.92	-2.28	0.0	0	3.2	19.0	1.8	1.52	0.0	1.52	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-60-20	11/19/2014	0910	-1.87	-5.09	0.0	0	2.5	19.3	1.0	0.88	0.0	0.88	
VMP-60-20	12/17/2014	1505	-3.32	-1.35	0.0	0	1.7	20.0	1.9	1.32	0.0	1.32	
VMP-60-20	1/29/2015	1404	-2.40	-2.18	0.0	0	1.2	20.4	1.5	0.7	0.0	0.7	
VMP-60-20	2/25/2015	0917	-0.34	-1.74	0.0	0	1.0	20.3	0.6	0.1	0.0	0.1	
VMP-60-20	3/25/2015	1454	-1.91	-1.38	0.0	0	0.8	20.5	0.9	1.3	0.0	1.3	
VMP-60-20	4/22/2015	1008	-2.64	-2.72	0.0	0	0.7	20.4	0.5	0.2	0.0	0.2	
VMP-60-20	5/20/2015	0908	-2.23	-2.29	0.0	0	1.0	20.1	0.5	0.2	0.0	0.2	
VMP-60-20	6/17/2015	0900	-2.43	-2.33	0.0	0	1.0	20.1	0.7	2.7	0.0	2.7	
VMP-60-20	7/22/2015	0900	-2.32	-2.33	0.0	0	1.6	19.3	0.5	0.0	0.0	0.0	
VMP-60-20	8/19/2015	0940	-1.62	-2.19	0.0	0	2.0	19.2	0.2	0.0	0.0	0.0	
VMP-60-20	9/16/2015	0909	-2.48	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-60-20	10/21/2015	1312	-0.68	-2.14	0.0	0	1.7	19.6	1.2	0.0	0.0	0.0	
VMP-60-20-Dup	10/21/2015	1312	NM	NM	0.0	0	1.7	19.7	1.2	0.0	0.0	0.0	Duplicate sample.
VMP-60-20	11/23/2015	0915	-2.76	-2.60	0.0	0	1.4	20.2	0.0	0	0.0	0.0	
VMP-60-20	12/16/2015	0940	-2.95	-2.94	0.0	0	1.0	20.3	0.3	0.0	0.0	0.0	
VMP-60-20	1/20/2016	1047	-3.54	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port would not yield vapor during purge.
VMP-60-20	2/17/2016	0946	-2.26	-2.40	0.0	0	0.7	20.4	0.3	0.0	0.0	0.0	
VMP-60-20	3/22/2016	0915	-2.42	-2.34	0.0	0	0.5	20.5	0.4	0.0	0.0	0.0	
VMP-60-20	4/20/2016	0940	3.50	-0.73	0.0	0	0.6	20.4	0.5	0.0	0.0	0.0	
VMP-60-20	5/18/2016	1235	-3.21	-3.16	0.0	0	0.7	20.3	1.7	0.0	0.0	0.0	
VMP-60-20	6/21/2016	0855	-2.16	-2.81	0.0	0	0.7	20.2	2.3	1.4	0.0	1.4	
VMP-60-20	7/21/2016	0914	-4.96	-2.05	0.0	0	0.9	20.2	0.8	0.0	0.0	0.0	
VMP-60-20	8/24/2016	0857	-3.81	-3.29	0.0	0	0.1	20.0	1.0	0.0	0.0	0.0	
VMP-60-20	9/21/2016	0919	-3.70	-3.06	0.0	0	1.2	19.7	1.2	0.0	0.0	0.0	
VMP-60-20	10/20/2016	0922	-1.88	-1.54	0.0	0	1.3	20.0	0.1	0.0	0.0	0.0	
VMP-60-20	11/16/2016	0936	-2.30	-2.16	0.0	0	1.0	20.2	0.1	0.0	0.0	0.0	
VMP-60-20	12/5/2016	0852	-0.03	NM	0.0	0	0.7	20.1	1.5	4.2	0.0	4.2	
VMP-60-20	12/22/2016	0922	-2.42	-2.39	0.0	0	1.1	19.9	0.1	0.0	0.0	0.0	
VMP-60-20-Dup	12/22/2016	0922	NM	NM	0.0	0	1.1	19.9	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-60-33.5	10/22/2013	1017	0.19	NM	OVR	OVR	4.0	0.9	39.25	1,000,000	1,000,000	0	
VMP-60-33.5	11/7/2013	1329	-1.83	NM	OVR	OVR	5.2	0.9	45.59	1000000	1000000	0	
VMP-60-33.5	11/8/2013	1110	-2.14	NM	OVR	OVR	5.1	0.4	47.9	1000000	1000000	0	
VMP-60-33.5	11/14/2013	1024	-1.99	NM	OVR	OVR	5.9	0.9	73.6	1000000	450000	550000	
VMP-60-33.5	11/21/2013	1004	-2.97	NM	OVR	OVR	7.3	0.6	114	1000000	426000	574000	
VMP-60-33.5	12/18/2013	1135	-1.63	-1.25	OVR	OVR	8.7	1.4	138	438000	202000	236000	
VMP-60-33.5	1/30/2014	0922	-1.48	-1.62	OVR	OVR	10.2	0.7	152	398000	165000.0	233000	
VMP-60-33.5	2/25/2014	0925	-0.18	-0.19	OVR	OVR	9.1	2.3	135	423000	172000.0	251000	
VMP-60-33.5	3/19/2014	1358	-1.04	-1.37	OVR	OVR	8.7	3.8	212	184000	97000.0	87000	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-60-33.5	4/24/2014	1346	-1.55	-1.40	OVR	OVR	8.6	3.9	215	152000	67400.0	84600	
VMP-60-33.5	5/21/2014	1114	-3.29	-3.29	OVR	OVR	8.1	6.6	252	173000	69130.0	103870	
VMP-60-33.5	6/18/2014	1134	-3.09	-3.24	OVR	OVR	8.9	4.9	273	191000	54300.0	136700	
VMP-60-33.5	7/23/2014	1229	-4.03	-3.95	OVR	OVR	10.1	2.7	211	581000	193000.0	388000	
VMP-60-33.5-Dup	7/23/2014	1234	NM	NM	OVR	OVR	9.9	2.2	203	571000	195000.0	376000	Duplicate Sample.
VMP-60-33.5	8/20/2014	1220	-4.58	-4.71	OVR	OVR	10.7	1.5	169	715000	237000.0	478000	
VMP-60-33.5	9/17/2014	1315	-4.13	-3.98	OVR	OVR	12.1	1.2	207	608000	199000.0	409000	
VMP-60-33.5-Dup	9/17/2014	1320	NM	NM	OVR	OVR	11.7	1.5	196	556000	194000.0	362000	Duplicate Sample.
VMP-60-33.5	10/22/2014	0851	-5.27	-5.16	OVR	OVR	12.2	1.1	179	552000	225000.0	327000	
VMP-60-33.5	11/19/2014	0910	-4.25	-4.43	OVR	OVR	9.2	0.5	135	1000000	975000.0	25000	
VMP-60-33.5	12/17/2014	1510	-2.56	-2.80	OVR	OVR	9.4	1.1	131	1000000	1000000.0	0	
VMP-60-33.5	1/29/2015	1409	-5.24	-5.18	OVR	OVR	9.3	0.3	94.0	1000000	1000000	0.0	
VMP-60-33.5	2/25/2015	0926	-4.21	-4.00	OVR	OVR	10.0	1.2	162	1000000	554000	446000	
VMP-60-33.5-Dup	2/25/2015	0926	NM	NM	OVR	OVR	9.9	2.8	165	1000000	500000	500000	Duplicate Sample
VMP-60-33.5	3/25/2015	1500	-4.05	-4.07	OVR	OVR	9.3	0.8	146	1000000	960000	40000	
VMP-60-33.5	4/22/2015	1054	-5.10	-3.80	OVR	OVR	9.7	0.5	168	1000000	852000	148000	
VMP-60-33.5	5/20/2015	0913	-1.49	-4.68	OVR	OVR	9.3	0.5	115	1000000	971000	29000	
VMP-60-33.5-Dup	5/20/2015	0913	NM	NM	OVR	OVR	9.1	0.4	127	1000000	939000	61000	Duplicate sample.
VMP-60-33.5	6/17/2015	0905	-4.92	-4.77	OVR	OVR	9.0	0.6	101	1000000	1000000	0.0	
VMP-60-33.5	7/22/2015	0905	-5.15	-5.06	OVR	OVR	11.1	2.4	82.6	342000	139000	203000	
VMP-60-33.5-Dup	7/22/2015	0905	NM	NM	OVR	OVR	11.4	1.7	89.8	366000	143000	223000	Duplicate Sample.
VMP-60-33.5	8/19/2015	0945	-2.98	-5.19	OVR	OVR	11.9	0.9	162	585000	207000	378000	
VMP-60-33.5	9/16/2015	0914	-5.97	-5.42	OVR	OVR	8.7	1.1	113	1000000	905000	95000	
VMP-60-33.5	10/21/2015	1316	-5.13	-5.36	OVR	OVR	8.8	0.5	141	1000000	1000000	0.0	
VMP-60-33.5	11/23/2015	0920	-6.94	-6.39	OVR	OVR	9.4	0.4	144	1000000	769000	231000	
VMP-60-33.5	12/16/2015	0945	-6.55	-6.54	OVR	OVR	9.6	0.9	195	1000000	655000	345000	
VMP-60-33.5-Dup	12/16/2015	0946	NM	NM	OVR	OVR	9.6	0.7	201	1000000	678000	322000	Duplicate sample.
VMP-60-33.5	1/20/2016	1050	-1.91	-1.79	OVR	OVR	10.2	0.8	169	1000000	441000	559000	
VMP-60-33.5-Dup	1/20/2016	1050	NM	NM	OVR	OVR	10.3	0.7	169	1000000	471000	529000	Duplicate sample.
VMP-60-33.5	2/17/2016	0951	-5.06	-5.59	OVR	OVR	9.6	1.0	146	1000000	752000	248000	
VMP-60-33.5	3/22/2016	0920	-5.58	-5.78	OVR	OVR	10.3	1.6	120	1000000	683000	317000	
VMP-60-33.5	4/20/2016	0945	0.09	-1.39	OVR	OVR	11.9	1.5	170	419000	191000	228000	
VMP-60-33.5	5/18/2016	1240	-6.41	-6.51	OVR	OVR	11.0	2.4	181	1000000	361000	639000	
VMP-60-33.5	6/21/2016	0900	-5.96	-7.33	OVR	OVR	11.5	2.1	176	1000000	285000	715000	
VMP-60-33.5	7/21/2016	0919	-8.69	-5.29	OVR	OVR	10.1	0.9	131	1000000	536000	464000	
VMP-60-33.5	8/24/2016	0858	-8.50	-8.90	OVR	OVR	9.7	1.0	116	1000000	485000	515000	
VMP-60-33.5	9/21/2016	0920	-34.10	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-60-33.5	10/20/2016	0923	-3.23	-2.93	OVR	OVR	6.7	8.6	114	575000	233000	342000	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-60-33.5	11/16/2016	0937	-2.56	-0.94	80.2	OVR	1.9	17.8	212	75640	45290	30350	Re-sampled due to lower concentrations.
VMP-60-33.5	11/18/2016	1027	-0.89	NM	0.0	0	0.0	20.9	2.3	0.0	0.0	0.0	Re-sample.
VMP-60-33.5	12/5/2016	0853	-0.04	NM	OVR	OVR	3.0	15.8	79.2	161000	91400	69600	
VMP-60-33.5	12/22/2016	0923	-4.25	-3.04	15.1	OVR	1.0	19.4	144	26900	15921	10979	
VMP-61-5	10/22/2013	1508	0.00	NM	0.0	0	5.6	12.0	0.0	0.38	0.0	0.38	
VMP-61-5	10/24/2013	1411	0.00	NM	0.0	0	0.8	20.1	0.1	0.57	0	0.57	
VMP-61-5	10/25/2013	1339	0.00	NM	0.0	0	0.5	20.7	0.2	1.04	0	1.04	
VMP-61-5	10/28/2013	1405	-0.15	NM	0.0	0	0.5	20.6	0.8	1.57	0	1.57	
VMP-61-5	10/31/2013	1141	-0.14	NM	0.0	0	0.4	20.0	0.2	2.35	0	2.35	
VMP-61-5	11/7/2013	0943	-0.17	NM	0.0	0	0.2	20.8	0.2	1.23	0	1.23	
VMP-61-5	11/14/2013	1038	-0.12	NM	0.0	0	0.2	20.7	0.5	0.77	0	0.77	
VMP-61-5	11/21/2013	1040	-0.06	-0.12	0.0	0	0.1	20.9	0.2	1.06	0	1.06	
VMP-61-5	12/19/2013	0824	-0.13	-0.04	0.0	0	0.1	20.7	0.2	6.97	6.66	0.31	
VMP-61-5	1/30/2014	1347	0.00	-0.08	0.0	0	0.1	20.9	0.3	55.7	53.7	2	Resampled due to elevated readings.
VMP-61-5	1/31/2014	1029	-0.11	NM	0.0	0	0.1	20.6	0.6	146	146.0	0	Resample confirmed.
VMP-61-5	2/25/2014	1004	0.00	0.00	0.0	0	0.3	20.7	1.0	6.28	6.1	0.23	
VMP-61-5	3/19/2014	0942	-0.70	-0.21	0.0	0	0.2	20.8	0.6	2.04	0.0	2.04	
VMP-61-5	4/24/2014	1431	0.15	0.11	0.0	0	0.7	20.2	1.2	1.45	0.0	1.45	
VMP-61-5	5/21/2014	1454	-0.13	-0.18	0.0	0	0.8	19.9	2.1	1.69	0.0	1.69	
VMP-61-5	6/18/2014	1447	-0.06	-0.30	0.0	0	1.4	19.2	1.7	1.68	0.0	1.68	
VMP-61-5	7/23/2014	1536	-0.15	-0.10	0.0	0	2.2	19.0	1.3	0.86	0.0	0.86	
VMP-61-5	8/20/2014	0947	-0.27	-0.34	0.0	0	2.3	18.9	1.5	0.39	0.0	0.39	
VMP-61-5	9/17/2014	1630	-0.05	-0.15	0.0	0	2.4	18.7	2.1	1.27	0.0	1.27	
VMP-61-5	10/22/2014	1554	-0.08	-0.06	0.0	0	1.7	19.7	2.9	0.59	0.0	0.59	
VMP-61-5	11/19/2014	1557	-0.27	-0.25	0.0	0	1.0	20.0	1.3	0.65	0.0	0.65	
VMP-61-5	12/18/2014	0953	-0.24	0.00	0.0	0	0.4	20.4	1.3	0.23	0.0	0.23	
VMP-61-5	1/28/2015	1343	0.20	0.00	0.0	0	0.6	20.4	1.3	0.3	0.0	0.3	
VMP-61-5	2/25/2015	1529	0.00	-0.10	0.0	0	0.5	20.6	0.6	0.2	0.0	0.2	
VMP-61-5	3/26/2015	1035	-0.30	-0.26	0.0	0	0.4	20.6	0.8	0.4	0.0	0.4	
VMP-61-5	4/22/2015	1604	-0.24	-0.21	0.0	0	0.7	20.4	0.7	0.0	0.0	0.0	
VMP-61-5	5/20/2015	1525	-0.35	-0.32	0.0	0	0.9	20.0	0.2	0.9	0.0	0.9	
VMP-61-5	6/17/2015	0952	-0.26	-0.27	0.0	0	1.3	19.4	0.6	0.0	0.0	0.0	
VMP-61-5	7/22/2015	1522	-0.72	-0.19	0.0	0	1.5	19.5	0.2	0.0	0.0	0.0	
VMP-61-5	8/19/2015	1510	-0.25	-0.20	0.0	0	2.0	18.7	0.4	0.0	0.0	0.0	
VMP-61-5	9/16/2015	1546	-0.25	-0.12	0.0	0	1.9	19.2	0.0	0.0	0.0	0.0	
VMP-61-5	10/21/2015	1258	-0.09	-0.09	0.0	0	1.4	19.6	0.0	0	0.0	0.0	
VMP-61-5	11/23/2015	1450	-0.28	-0.28	0.0	0	1.0	19.9	0.2	0	0.0	0.0	
VMP-61-5	12/16/2015	1525	-0.54	-1.21	0.0	0	0.8	20.5	0.2	0	0.0	0.0	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-61-5	1/22/2016	1315	-0.19	-0.19	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-61-5	2/18/2016	1333	0.10	0.00	0.0	0	0.3	20.5	0.3	0.0	0.0	0.0	
VMP-61-5	3/22/2016	1530	0.00	0.00	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-61-5	4/21/2016	1025	-0.14	-0.20	0.0	0	0.6	20.2	0.4	0.0	0.0	0.0	
VMP-61-5	5/18/2016	1415	-0.39	-0.33	0.0	0	0.0	20.9	0.7	0.0	0.0	0.0	
VMP-61-5	6/21/2016	1535	-0.41	-0.19	0.0	0	1.1	19.5	1.6	0.5	0.0	0.5	
VMP-61-5	7/20/2016	1230	0.28	0.17	0.0	0	1.5	19.3	2.4	0.0	0.0	0.0	
VMP-61-5	8/25/2016	0850	-0.47	-0.48	0.0	0	1.4	19.6	1.6	0.0	0.0	0.0	
VMP-61-5	9/21/2016	1550	-0.26	-0.25	0.0	0	1.3	19.2	0.8	0.0	0.0	0.0	
VMP-61-5	10/21/2016	0920	-0.52	-0.41	0.0	0	1.5	19.5	0.5	0.0	0.0	0.0	
VMP-61-5	11/16/2016	1411	-0.20	-0.22	0.0	0	0.5	20.5	0.2	0.0	0.0	0.0	
VMP-61-5	12/21/2016	1526	-0.17	-0.18	0.0	0	0.6	20.3	0.3	0.0	0.0	0.0	
VMP-61-10	10/22/2013	1513	0.10	NM	0.0	0	9.2	4.6	0.0	0.95	0.0	0.95	
VMP-61-10	10/24/2013	1419	-0.04	NM	0.0	0	8.6	5.2	1.0	16.0	15.6	0.4	
VMP-61-10	10/25/2013	1344	-0.04	NM	0.0	0	9.5	8.1	0.4	1.9	1.0	0.9	
VMP-61-10	10/28/2013	1410	-0.14	NM	0.0	0	9.3	9.3	0.6	1.52	0	1.52	
VMP-61-10	10/31/2013	1146	-0.03	NM	0.0	0	6.8	12.7	0.3	1.07	0	1.07	
VMP-61-10	11/7/2013	0943	-0.42	NM	0.0	0	6.8	16.1	0.2	0.63	0	0.63	
VMP-61-10	11/14/2013	1041	-0.17	NM	0.0	0	5.3	16.9	0.5	0.34	0	0.34	
VMP-61-10	11/21/2013	1044	-0.67	-0.80	0.0	0	3.5	18.5	0.3	1.31	0	1.31	
VMP-61-10	12/19/2013	0828	-0.41	-0.12	0.0	0	2.7	18.3	0.3	0.01	0	0.01	
VMP-61-10	1/30/2014	1350	-0.27	-0.24	0.0	0	1.8	19.9	0.2	1.05	0.0	1.05	
VMP-61-10	2/25/2014	1007	0.20	0.00	0.0	0	1.3	20.1	0.9	1.22	0.0	1.22	
VMP-61-10	3/19/2014	0947	-0.57	-0.51	0.0	0	1.1	20.6	0.9	1.91	0.0	1.91	
VMP-61-10	4/24/2014	1436	0.00	0.12	0.0	0	1.1	20.3	1.3	1.18	0.0	1.18	
VMP-61-10	5/21/2014	1457	-0.24	-0.70	0.0	0	1.0	20.2	2.4	2.46	0.0	2.46	
VMP-61-10	6/18/2014	1447	-0.16	-1.36	0.0	0	1.3	19.8	1.5	0.76	0.0	0.76	
VMP-61-10	7/23/2014	1541	-1.12	-0.08	0.0	0	1.9	19.6	1.4	0.85	0.0	0.85	
VMP-61-10	8/20/2014	0947	-0.28	-0.59	0.0	0	1.8	19.6	1.3	0.32	0.0	0.32	
VMP-61-10	9/17/2014	1635	-0.11	-0.14	0.0	0	2.1	19.0	1.7	1.74	0.0	1.74	
VMP-61-10	10/22/2014	1554	-0.15	-0.14	0.0	0	1.7	19.4	1.8	0.85	0.0	0.85	
VMP-61-10	11/19/2014	1557	-0.49	-0.48	0.0	0	1.4	19.8	1.3	0.73	0.0	0.73	
VMP-61-10	12/18/2014	0958	-0.38	-0.20	0.0	0	1.0	20.0	1.8	0.82	0.0	0.82	
VMP-61-10	1/28/2015	1347	0.00	-0.24	0.0	0	0.9	20.2	1.7	0.3	0.0	0.3	
VMP-61-10	2/25/2015	1534	-0.16	-0.43	0.0	0	0.9	20.5	0.5	0.2	0.0	0.2	
VMP-61-10	3/26/2015	1039	-0.50	-0.47	0.0	0	0.6	20.6	0.6	0.7	0.0	0.7	
VMP-61-10	4/22/2015	1608	-0.41	-0.40	0.0	0	0.7	20.5	0.9	0.1	0.0	0.1	
VMP-61-10	5/20/2015	1530	-0.57	-0.55	0.0	0	0.7	20.2	0.3	0.8	0.0	0.8	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-61-10	6/17/2015	0957	-0.19	-0.46	0.0	0	0.9	20.0	0.6	0.6	0.0	0.6	
VMP-61-10	7/22/2015	1527	-0.33	-0.36	0.0	0	1.3	19.9	0.4	0.0	0.0	0.0	
VMP-61-10	8/19/2015	1515	-0.47	-0.42	0.0	0	1.3	19.5	0.4	0.0	0.0	0.0	
VMP-61-10	9/16/2015	1551	-0.22	-0.25	0.0	0	1.3	19.8	0.1	0.0	0.0	0.0	
VMP-61-10	10/21/2015	1532	-0.18	-0.19	0.0	0	1.2	19.8	0.1	0	0.0	0.0	
VMP-61-10	11/23/2015	1455	-0.49	-0.12	0.0	0	1.1	19.7	0.1	0	0.0	0.0	
VMP-61-10	12/16/2015	1530	-0.80	-0.80	0.0	0	0.9	20.3	0.2	0	0.0	0.0	
VMP-61-10	1/22/2016	1320	-0.31	-0.60	0.0	0	0.1	20.5	0.0	0.0	0.0	0.0	
VMP-61-10	2/18/2016	1338	0.00	-0.34	0.0	0	0.4	0.5	0.0	0.0	0.0	0.0	
VMP-61-10	3/22/2016	1535	0.00	-0.16	0.0	0	0.4	20.6	0.2	0.0	0.0	0.0	
VMP-61-10	4/21/2016	1030	-0.23	-0.35	0.0	0	0.4	20.4	0.5	0.0	0.0	0.0	
VMP-61-10	5/18/2016	1420	-0.62	-0.57	0.0	0	0.5	20.4	0.5	0.0	0.0	0.0	
VMP-61-10	6/21/2016	1540	-0.74	-0.34	0.0	0	0.5	20.4	0.5	0.0	0.0	0.0	
VMP-61-10	7/20/2016	1235	-0.28	0.35	0.0	0	0.7	20.1	1.1	0.0	0.0	0.0	
VMP-61-10	8/25/2016	0851	-0.81	-0.87	0.0	0	0.8	20.0	1.2	0.0	0.0	0.0	
VMP-61-10	9/21/2016	1552	-0.37	-0.35	0.0	0	0.8	19.7	0.7	0.0	0.0	0.0	
VMP-61-10	10/21/2016	0921	-0.18	-0.47	0.0	0	0.8	20.1	0.1	0.0	0.0	0.0	
VMP-61-10	11/16/2016	1412	-0.35	-0.78	0.0	0	0.6	20.3	0.3	0.0	0.0	0.0	
VMP-61-10	12/21/2016	1529	-0.22	-0.32	0.0	0	0.7	20.1	0.3	0.0	0.0	0.0	
VMP-61-20	10/22/2013	1519	0.24	NM	0.0	0	7.8	4.0	0.0	0.77	0.0	0.77	
VMP-61-20	10/24/2013	1417	-0.05	NM	0.0	0	9.1	6.8	0.1	1.15	0	1.15	
VMP-61-20	10/25/2013	1349	-1.12	NM	0.0	0	8.8	6.0	0.4	1.0	0	1	
VMP-61-20	10/28/2013	1415	-0.31	NM	0.0	0	8.5	8.9	0.6	1.41	0	1.41	
VMP-61-20	10/31/2013	1151	-1.30	NM	0.0	0	7.1	9.4	0.2	2.54	0	2.54	
VMP-61-20	11/7/2013	0944	-1.37	NM	0.0	0	7.1	15.2	0.2	0.14	0	0.14	
VMP-61-20	11/14/2013	1044	-1.43	NM	0.0	0	6.0	16.6	0.6	0.30	0	0.3	
VMP-61-20	11/21/2013	1048	-0.83	-0.52	0.0	0	4.4	18.4	0.3	1.04	0	1.04	
VMP-61-20	12/19/2013	0832	-0.49	-0.21	0.0	0	3.2	18.7	0.4	0.21	0	0.21	
VMP-61-20	1/30/2014	1354	0.00	-0.28	0.0	0	3.7	17.8	0.4	0.78	0.0	0.78	
VMP-61-20	2/25/2014	1010	0.00	-0.09	0.0	0	2.0	19.6	1.2	0.92	0.0	0.92	
VMP-61-20	3/19/2014	0952	-0.34	-0.48	0.0	0	1.2	20.5	1.0	1.15	0.0	1.15	
VMP-61-20	4/24/2014	1439	0.20	0.10	0.0	0	2.7	18.3	1.4	1.33	0.0	1.33	
VMP-61-20	5/21/2014	1500	-1.84	-1.68	0.0	0	0.6	20.4	1.9	3.2	0.0	3.2	
VMP-61-20	6/18/2014	1447	-0.77	0.00	0.0	0	1.1	19.8	1.6	0.89	0.0	0.89	
VMP-61-20	7/23/2014	1546	-0.45	0.03	0.0	0	1.5	19.6	1.5	1.22	0.0	1.22	
VMP-61-20	8/20/2014	0948	-0.12	-0.35	0.0	0	1.9	19.3	1.3	0.36	0.0	0.36	
VMP-61-20	9/17/2014	1640	-0.05	-0.14	0.0	0	2.2	18.9	1.3	1.69	0.0	1.69	
VMP-61-20	10/22/2014	1554	-0.24	-0.06	0.0	0	1.7	19.7	1.4	0.43	0.0	0.43	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-61-20	11/19/2014	1559	-1.34	-0.28	0.0	0	1.0	20.2	1.5	0.2	0.0	0.2	
VMP-61-20	12/18/2014	1003	-0.17	-0.11	0.0	0	0.8	20.4	2.2	1.36	0.0	1.36	
VMP-61-20	1/28/2015	1347	0.21	0.00	0.0	0	1.4	19.7	1.5	0.3	0.0	0.3	
VMP-61-20	2/25/2015	1539	0.00	-0.13	0.0	0	0.5	20.7	0.7	0.2	0.0	0.2	
VMP-61-20	3/26/2015	1043	-0.30	-0.30	0.0	0	0.5	20.7	1.0	0.7	0.0	0.7	
VMP-61-20	4/22/2015	1612	-0.23	-0.23	0.0	0	0.6	20.4	1.2	0.6	0.0	0.6	
VMP-61-20	5/20/2015	1535	-0.28	-0.33	0.0	0	0.7	20.1	0.3	1.0	0.0	1.0	
VMP-61-20	6/17/2015	1002	-0.26	-0.26	0.0	0	1.2	19.6	0.6	0.4	0.0	0.4	
VMP-61-20	7/22/2015	1532	-0.27	-0.39	0.0	0	1.5	19.5	0.3	0.0	0.0	0.0	
VMP-61-20	8/19/2015	1520	-0.22	-0.22	0.0	0	1.7	19.0	0.3	0.0	0.0	0.0	
VMP-61-20	9/16/2015	1556	-0.10	-0.11	0.0	0	1.7	19.3	0.1	0.0	0.0	0.0	
VMP-61-20	10/21/2015	1536	-0.09	-0.09	0.0	0	1.3	19.8	0.0	0	0.0	0.0	
VMP-61-20	11/23/2015	1500	-0.18	-0.30	0.0	0	1.1	19.9	0.0	0	0.0	0.0	
VMP-61-20	12/16/2015	1535	-0.59	-0.55	0.0	0	0.7	20.5	0.2	0	0.0	0.0	
VMP-61-20	1/22/2016	1325	-0.20	-0.20	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-61-20	2/18/2016	1343	0.09	0.00	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-61-20	3/22/2016	1540	0.00	-0.08	0.0	0	0.4	20.5	0.2	0.0	0.0	0.0	
VMP-61-20	4/21/2016	1035	-0.15	-0.23	0.0	0	0.7	20.2	0.5	0.0	0.0	0.0	
VMP-61-20	5/18/2016	1425	-0.33	-0.34	0.0	0	0.6	20.3	0.5	0.0	0.0	0.0	
VMP-61-20	6/21/2016	1545	-0.27	-0.20	0.0	0	0.9	19.8	1.5	0.8	0.0	0.8	
VMP-61-20	7/20/2016	1240	-0.47	0.18	0.0	0	1.2	19.3	2.5	0.0	0.0	0.0	
VMP-61-20	8/25/2016	0852	-0.98	-0.54	0.0	0	1.2	19.7	1.4	0.0	0.0	0.0	
VMP-61-20	9/21/2016	1553	-0.21	-0.60	0.0	0	1.3	19.4	1.1	0.0	0.0	0.0	
VMP-61-20	10/21/2016	0922	-0.48	-0.14	0.0	0	1.1	19.8	0.2	0.0	0.0	0.0	
VMP-61-20	11/16/2016	1413	-0.22	-0.29	0.0	0	0.8	20.1	0.1	0.0	0.0	0.0	
VMP-61-20	12/21/2016	1531	-0.18	-0.21	0.0	0	0.6	20.2	0.0	0.0	0.0	0.0	
VMP-61-30	10/22/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	10/24/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	10/25/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	10/28/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	10/31/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	11/7/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	11/14/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	11/21/2013	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	12/19/2013	0836	-0.49	-0.22	0.0	0	5.1	15.2	0.5	0.57	0	0.57	
VMP-61-30	1/30/2014	1351	0.00	-0.32	0.0	0	4.4	17.3	0.1	0.59	0.0	0.59	
VMP-61-30	2/25/2014	1013	0.00	-0.11	0.0	0	3.9	17.8	1.3	0.85	0.0	0.85	
VMP-61-30	3/19/2014	0957	-0.49	-0.49	0.0	0	3.6	18.3	1.2	1.25	0.0	1.25	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-61-30	4/24/2014	1442	0.23	0.10	0.0	0	3.6	17.8	1.4	1.22	0.0	1.22	
VMP-61-30	5/21/2014	1503	-0.31	-0.40	0.0	0	3.3	17.8	1.8	1.45	0.0	1.45	
VMP-61-30	6/19/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	7/23/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	8/20/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	9/17/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	10/22/2014	1554	-5.94	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	11/19/2014	1600	-1.21	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	12/18/2014	1008	-5.61	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	1/28/2015	1351	-2.61	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	2/25/2015	1544	-0.15	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen Submerged.
VMP-61-30	3/26/2015	1047	-0.61	-0.55	0.0	0	0.2	18.3	1.0	0.1	0.0	0.1	
VMP-61-30	4/22/2015	1616	-28.66	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	5/21/2015	1540	-0.70	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	6/17/2015	1007	-8.06	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	7/22/2015	1537	1.38	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	8/19/2015	1525	-0.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	9/16/2015	1601	-0.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	10/21/2015	1540	-0.30	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	11/23/2015	1505	-0.85	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	12/16/2015	1540	-1.16	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	1/22/2016	1330	-0.23	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	2/18/2016	1348	-3.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	3/22/2016	1545	0.52	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	4/21/2016	1040	-0.64	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	5/18/2016	1430	-0.76	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	6/21/2016	1550	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	7/20/2016	1408	-11.17	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	8/25/2016	0853	-15.86	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	9/21/2016	1555	-14.44	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	10/21/2016	0923	-0.35	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	11/17/2016	1414	0.53	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-61-30	12/22/2016	1533	0.11	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-62-5	1/30/2014	1531	-0.39	0.00	0.0	0	1.1	20.4	0.8	1.83	0.0	1.83	
VMP-62-5	2/25/2014	1140	0.00	0.00	0.0	0	1.1	20.1	1.3	1.22	0.0	1.22	
VMP-62-5	3/20/2014	1335	-0.51	-0.31	0.0	0	0.7	20.6	1.3	1.44	0.0	1.44	
VMP-62-5	4/24/2014	1518	-0.22	0.00	0.0	0	1.8	18.7	1.4	2.47	0.0	2.47	
VMP-62-5	5/22/2014	1105	0.00	0.00	0.0	0	2.9	18.1	1.1	1.55	0.0	1.55	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-62-5	6/18/2014	0900	0.00	0.00	0.0	0	3.8	17.1	0.9	0.54	0.0	0.54	
VMP-62-5	7/24/2014	0954	0.00	0.00	0.0	0	3.6	17.6	2.1	1.3	0.0	1.3	
VMP-62-5	8/20/2014	1036	0.00	0.00	0.0	0	4.6	16.6	1.5	0.28	0.0	0.28	
VMP-62-5	9/18/2014	1000	0.00	0.00	0.0	0	3.3	18.1	2.2	1.49	0.0	1.49	
VMP-62-5	10/23/2014	1012	0.00	0.00	0.0	0	1.8	19.5	1.3	0.43	0.0	0.43	
VMP-62-5	11/19/2014	0921	-0.13	-0.31	0.0	0	0.6	20.5	0.7	1.22	0.0	1.22	
VMP-62-5	12/18/2014	1134	0.00	0.00	0.0	0	0.8	20.2	1.9	0.57	0.0	0.57	
VMP-62-5	1/29/2015	0946	0.00	0.00	0.0	0	0.7	20.3	1.7	0.4	0.0	0.4	
VMP-62-5-Dup	1/29/2015	0946	NM	NM	0.0	0	0.7	20.2	1.6	0.2	0.0	0.2	Duplicate Sample.
VMP-62-5	2/27/2015	1023	0.00	0.00	0.0	0	0.5	20.5	0.6	1.2	0.0	1.2	
VMP-62-5	3/26/2015	1330	0.00	0.00	0.0	0	0.8	20.1	1.0	0.7	0.0	0.7	
VMP-62-5	4/23/2015	1026	0.00	0.00	0.0	0	1.7	18.7	1.2	1.2	0.0	1.2	
VMP-62-5	5/21/2015	1012	-0.11	0.00	0.0	0	2.5	18.2	0.5	1.0	0.0	1.0	
VMP-62-5	6/18/2015	0848	0.00	0.00	0.0	0	3.9	15.2	0.4	0.9	0.0	0.9	
VMP-62-5	7/23/2015	1030	0.00	0.00	0.0	0	6.0	15.5	0.7	0.0	0.0	0.0	
VMP-62-5	8/20/2015	0931	0.00	0.00	0.0	0	5.2	15.8	0.2	0.0	0.0	0.0	
VMP-62-5	9/17/2015	0948	-0.44	0.00	0.0	0	2.8	18.3	0.6	0.0	0.0	0.0	
VMP-62-5	10/22/2015	0940	0.00	0.00	0.0	0	1.3	19.6	0.5	0.1	0.0	0.1	
VMP-62-5	11/24/2015	1440	0.00	0.00	0.0	0	1.7	19.4	0.1	0	0.0	0.0	
VMP-62-5	12/17/2015	1237	0.00	0.00	0.0	0	1.6	19.3	0.2	0	0.0	0.0	
VMP-62-5	1/21/2016	1055	0.00	0.00	0.0	0	0.9	20.1	0.2	0.0	0.0	0.0	
VMP-62-5	2/18/2016	1437	0.00	-2.30	0.0	0	0.5	20.5	0.3	0.0	0.0	0.0	
VMP-62-5	3/23/2016	0855	-0.09	0.00	0.0	0	1.1	19.7	0.3	0.0	0.0	0.0	
VMP-62-5	4/20/2016	0840	-0.03	0.00	0.0	0	0.8	19.8	0.5	0.0	0.0	0.0	
VMP-62-5	5/19/2016	0945	0.00	0.00	0.0	0	2.2	18.2	0.7	0.0	0.0	0.0	
VMP-62-5	6/22/2016	0850	-0.20	0.00	0.0	0	4.0	16.9	0.4	0.0	0.0	0.0	
VMP-62-5	7/20/2016	1507	0.00	-1.09	0.0	0	4.4	16.4	0.0	0.0	0.0	0.0	
VMP-62-5	8/25/2016	1018	0.00	0.00	0.0	0	4.1	17.2	0.1	0.0	0.0	0.0	
VMP-62-5	9/22/2016	0945	0.00	0.00	0.0	0	4.2	16.6	0.3	0.0	0.0	0.0	
VMP-62-5	10/21/2016	1050	-0.21	-0.14	0.0	0	2.6	17.9	0.0	0.0	0.0	0.0	
VMP-62-5	11/17/2016	1015	0.00	0.00	0.0	0	2.0	19.1	0.3	0.0	0.0	0.0	
VMP-62-5	12/22/2016	0859	-0.22	-0.09	0.0	0	1.4	19.8	0.2	0.0	0.0	0.0	
VMP-62-10	1/30/2014	1529	0.00	-0.06	0.0	0	1.8	20.0	0.8	1.53	0.0	1.53	
VMP-62-10	2/25/2014	1143	0.00	0.00	0.0	0	1.4	20.2	1.2	0.95	0.0	0.95	
VMP-62-10	3/20/2014	1336	-0.06	-0.06	0.0	0	1.3	20.3	1.2	1.4	0.0	1.4	
VMP-62-10	4/24/2014	1521	0.00	0.00	0.0	0	1.6	19.4	1.3	1.81	0.0	1.81	
VMP-62-10	5/22/2014	1108	-0.09	-0.10	0.0	0	2.4	18.4	3.5	4.78	0.0	4.78	
VMP-62-10	6/18/2014	0900	-0.09	0.00	0.0	0	3.4	17.4	1.6	1.69	0.0	1.69	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-62-10	7/24/2014	0954	0.00	-0.07	0.0	0	3.1	18.2	1.4	1.59	0.0	1.59	
VMP-62-10	8/20/2014	1037	0.00	-0.07	0.0	0	4.5	17.2	1.5	0.45	0.0	0.45	
VMP-62-10	9/18/2014	1005	-0.10	-0.60	0.0	0	3.7	17.9	1.6	1.26	0.0	1.26	
VMP-62-10	10/23/2014	1013	-0.08	0.00	0.0	0	2.9	18.7	1.4	0.59	0.0	0.59	
VMP-62-10	11/19/2014	0922	0.00	-1.12	0.0	0	1.9	19.6	0.9	0.28	0.0	0.28	
VMP-62-10	12/18/2014	1139	-0.24	0.00	0.0	0	1.6	19.6	1.7	0.34	0.0	0.34	
VMP-62-10	1/29/2015	0946	-0.16	0.00	0.0	0	0.1	20.0	1.7	0.4	0.0	0.4	
VMP-62-10	2/27/2015	1023	-0.09	-0.15	0.0	0	0.8	20.4	0.6	0.2	0.0	0.2	
VMP-62-10	3/26/2015	1334	-0.09	-0.09	0.0	0	0.8	20.3	1.0	0.7	0.0	0.7	
VMP-62-10	4/23/2015	1027	-0.31	0.00	0.0	0	1.2	19.3	1.3	1.4	0.0	1.4	
VMP-62-10	5/21/2015	1016	-0.12	0.00	0.0	0	1.6	18.6	0.6	1.6	0.0	1.6	
VMP-62-10	6/18/2015	0853	0.00	0.00	0.0	0	1.1	19.6	0.4	1.8	0.0	1.8	
VMP-62-10	7/23/2015	1035	0.00	0.00	0.0	0	2.1	19.2	0.4	0.0	0.0	0.0	
VMP-62-10	8/20/2015	0936	-0.12	-0.11	0.0	0	4.3	17.3	0.3	0.0	0.0	0.0	
VMP-62-10	9/17/2015	0953	0.25	0.00	0.0	0	2.2	18.9	0.6	0.0	0.0	0.0	
VMP-62-10	10/22/2015	0945	-0.11	-0.11	0.0	0	0.9	20.0	0.4	0.6	0.0	0.6	
VMP-62-10	11/24/2015	1445	0.00	0.00	0.0	0	0.6	20.5	0.1	0	0.0	0.0	
VMP-62-10	12/17/2015	1238	0.00	0.00	0.0	0	0.9	20.3	0.2	0	0.0	0.0	
VMP-62-10	1/21/2016	1100	0.00	0.00	0.0	0	1.2	19.8	0.3	0.0	0.0	0.0	
VMP-62-10	2/18/2016	1441	0.00	-0.30	0.0	0	0.6	20.4	0.2	0.0	0.0	0.0	
VMP-62-10	3/23/2016	0900	-0.70	-0.64	0.0	0	1.0	19.9	0.3	0.0	0.0	0.0	
VMP-62-10	4/20/2016	0845	-0.12	-0.14	0.0	0	1.2	19.3	0.7	0.0	0.0	0.0	
VMP-62-10	5/19/2016	0950	-0.17	-0.15	0.0	0	2.2	18.7	0.9	0.0	0.0	0.0	
VMP-62-10	6/22/2016	0855	-0.30	0.00	0.0	0	3.0	17.9	0.5	0.0	0.0	0.0	
VMP-62-10	7/20/2016	1511	0.00	-1.92	0.0	0	3.6	17.5	0.2	0.0	0.0	0.0	
VMP-62-10-Dup	7/20/2016	1511	NM	NM	0.0	0	3.5	17.6	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-62-10	8/25/2016	1019	-0.13	-0.13	0.0	0	3.8	17.7	0.2	0.0	0.0	0.0	
VMP-62-10	9/22/2016	0946	0.00	0.00	0.0	0	3.5	17.7	0.3	0.0	0.0	0.0	
VMP-62-10	10/21/2016	1051	-0.26	-0.14	0.0	0	2.5	18.9	0.0	0.0	0.0	0.0	
VMP-62-10-Dup	10/21/2016	1051	NM	NM	0.0	0	2.5	18.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-62-10	11/17/2016	1016	0.00	0.00	0.0	0	1.5	19.6	0.7	0.0	0.0	0.0	
VMP-62-10	12/22/2016	0902	-0.20	-0.17	0.0	0	2.0	19.6	0.1	0.0	0.0	0.0	
VMP-62-20	1/30/2014	1530	-0.60	-0.71	0.0	0	1.9	19.9	1.1	2.06	0.0	2.06	
VMP-62-20	2/25/2014	1146	0.00	0.00	0.0	0	1.5	20.0	1.3	1.15	0.0	1.15	
VMP-62-20	3/20/2014	1337	-0.87	-0.89	0.0	0	1.3	20.4	1.0	2.62	0.0	2.62	
VMP-62-20	4/24/2014	1524	-0.47	-0.11	0.0	0	1.4	19.7	1.1	1.35	0.0	1.35	
VMP-62-20	5/22/2014	1111	-1.06	-1.02	0.0	0	1.9	18.9	2.6	5.14	0.0	5.14	
VMP-62-20	6/18/2014	0900	-0.91	-0.54	0.0	0	2.9	17.8	1.3	1.89	0.0	1.89	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-62-20	7/24/2014	0954	-2.43	-1.02	0.0	0	3.8	17.5	1.4	1.25	0.0	1.25	
VMP-62-20	8/20/2014	1041	-1.19	-1.31	0.0	0	3.7	17.8	1.1	0.4	0.0	0.4	
VMP-62-20	9/18/2014	1010	-1.18	-1.03	0.0	0	3.6	17.9	2.1	1.02	0.0	1.02	
VMP-62-20	10/23/2014	1014	-1.09	-1.03	0.0	0	2.4	18.9	1.3	0.52	0.0	0.52	
VMP-62-20	11/19/2014	0923	-1.20	-0.69	0.0	0	1.8	19.7	1.3	0.35	0.0	0.35	
VMP-62-20	12/18/2014	1144	-0.52	-0.41	0.0	0	1.4	19.9	1.5	0.38	0.0	0.38	
VMP-62-20	1/29/2015	0946	-1.66	-1.52	0.0	0	0.9	20.2	1.0	0.4	0.0	0.4	
VMP-62-20	2/27/2015	1023	-1.08	-1.12	0.0	0	0.7	20.4	0.5	0.2	0.0	0.2	
VMP-62-20	3/26/2015	1337	-1.02	-0.94	0.0	0	0.7	20.4	1.2	0.4	0.0	0.4	
VMP-62-20	4/23/2015	1028	-1.32	-0.94	0.0	0	0.9	19.6	0.9	1.4	0.0	1.4	
VMP-62-20	5/21/2015	1020	-1.26	-1.23	0.0	0	1.5	18.6	0.6	1.0	0.0	1.0	
VMP-62-20	6/18/2015	0858	-1.05	-1.17	0.0	0	2.5	18.1	7.0	1.1	0.0	1.1	
VMP-62-20	7/23/2015	1040	-1.36	-1.22	0.0	0	2.7	18.0	0.5	0.0	0.0	0.0	
VMP-62-20	8/20/2015	0941	-1.50	-1.52	0.0	0	3.5	18.0	0.6	0.0	0.0	0.0	
VMP-62-20	9/17/2015	0958	-1.31	0.00	0.0	0	3.0	18.4	0.5	0.0	0.0	0.0	
VMP-62-20	10/22/2015	0950	-1.48	-1.38	0.0	0	1.9	19.3	0.3	0	0.0	0.0	
VMP-62-20	11/24/2015	1450	-1.13	-1.19	0.0	0	1.4	19.7	0.3	0	0.0	0.0	
VMP-62-20	12/17/2015	1239	-0.14	-0.10	0.0	0	1.2	20.0	0.2	0	0.0	0.0	
VMP-62-20	1/21/2016	1105	-0.63	-0.56	0.0	0	1.0	20.0	0.3	0.0	0.0	0.0	
VMP-62-20	2/18/2016	1446	-0.87	-0.90	0.0	0	0.8	20.2	0.2	0.0	0.0	0.0	
VMP-62-20	3/23/2016	0905	-1.74	-1.60	0.0	0	0.7	20.2	0.2	0.0	0.0	0.0	
VMP-62-20	4/20/2016	0850	-1.45	-0.80	0.0	0	1.0	19.6	0.2	0.0	0.0	0.0	
VMP-62-20	5/19/2016	0955	-1.83	-1.71	0.0	0	1.7	19.2	0.4	0.0	0.0	0.0	
VMP-62-20	6/22/2016	0900	-1.87	-1.49	0.0	0	2.2	18.5	0.6	1.7	0.0	1.7	
VMP-62-20	7/20/2016	1518	-1.06	-0.25	0.0	0	2.9	17.9	0.4	0.0	0.0	0.0	
VMP-62-20	8/25/2016	1020	-2.32	-2.21	0.0	0	3.1	18.3	0.2	1.8	0.0	1.8	
VMP-62-20	9/22/2016	0947	-1.87	-1.75	0.0	0	3.0	18.1	0.1	2.3	0.0	2.3	
VMP-62-20	10/21/2016	1052	-0.90	-0.70	0.0	0	2.4	19.0	0.0	0.0	0.0	0.0	
VMP-62-20	11/17/2016	1017	-1.29	-1.15	0.0	0	1.8	19.3	0.3	0.0	0.0	0.0	
VMP-62-20	12/22/2016	0904	-1.73	-1.67	0.0	0	1.6	19.9	0.0	0.0	0.0	0.0	
VMP-62-30	1/30/2014	1531	-1.11	-1.27	0.0	0	3.1	18.6	1.2	2.93	0.0	2.93	
VMP-62-30	2/25/2014	1149	0.00	0.00	0.0	0	5.2	15.3	1.4	3.42	0.0	3.42	
VMP-62-30	3/20/2014	1338	-1.65	-1.80	0.0	0	1.8	20.1	1.0	0.88	0.0	0.88	
VMP-62-30	4/24/2014	1527	-0.54	-0.19	0.0	0	4.0	16.3	1.2	2.2	0.0	2.2	
VMP-62-30	5/22/2014	1114	-1.88	-1.83	0.0	0	1.4	19.2	0.6	1.25	0.0	1.25	
VMP-62-30	6/18/2014	0901	-1.61	-1.01	0.0	0	2.0	18.6	1.8	0.82	0.0	0.82	
VMP-62-30	7/24/2014	0955	-1.74	-1.82	0.0	0	2.4	18.8	1.3	1.18	0.0	1.18	
VMP-62-30	8/20/2014	1042	-2.19	-2.32	0.0	0	2.3	18.8	1.2	0.29	0.0	0.29	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-62-30	9/18/2014	1015	-2.19	-1.94	0.0	0	2.5	18.6	1.4	0.09	0.0	0.09	
VMP-62-30-Dup	9/18/2014	1020	NM	NM	0.0	0	2.6	18.8	1.4	0.23	0.0	0.23	Duplicate Sample.
VMP-62-30	10/23/2014	1015	-2.05	-1.91	0.0	0	1.9	19.4	1.7	0.57	0.0	0.57	
VMP-62-30	11/19/2014	0923	-0.82	NM	NM	NM	NM	NM	NM	NM	NM	NM	Port submerged.
VMP-62-30	12/18/2014	1149	-1.00	-0.83	0.0	0	1.3	20.0	1.7	0.3	0.0	0.3	
VMP-62-30	1/29/2015	0946	-3.46	-2.75	0.0	0	0.8	20.2	1.2	0.4	0.0	0.4	
VMP-62-30	2/27/2015	1023	-1.99	-2.00	0.0	0	0.6	20.6	0.9	0.2	0.0	0.2	
VMP-62-30	3/26/2015	1340	-1.85	-1.67	0.0	0	0.6	20.5	1.4	0.9	0.0	0.9	
VMP-62-30	4/23/2015	1029	-2.24	-1.60	0.0	0	0.6	19.7	0.8	0.7	0.0	0.7	
VMP-62-30	5/21/2015	1024	-2.17	-2.10	0.0	0	0.8	19.1	0.5	0.6	0.0	0.6	
VMP-62-30	6/18/2015	0903	-1.92	-2.13	0.0	0	1.6	18.6	0.5	1.2	0.0	1.2	
VMP-62-30-Dup	6/18/2015	0903	NM	NM	0.0	0	1.6	18.9	0.5	0.3	0.0	0.3	Duplicate sample.
VMP-62-30	7/23/2015	1045	-2.37	-2.21	0.0	0	2.4	18.5	0.5	0.0	0.0	0.0	
VMP-62-30	8/20/2015	0946	-2.70	-2.69	0.0	0	2.3	18.9	0.3	0.0	0.0	0.0	
VMP-62-30	9/17/2015	0958	-2.43	-0.18	0.0	0	1.8	19.3	0.5	0.0	0.0	0.0	
VMP-62-30-Dup	9/17/2015	0958	NM	NM	0.0	0	1.9	19.2	0.6	0	0.0	0.0	Duplicate sample.
VMP-62-30	10/22/2015	0955	-2.78	-2.59	0.0	0	1.3	19.8	0.4	0	0.0	0.0	
VMP-62-30	11/24/2015	1455	-2.13	-2.22	0.0	0	1.0	20.1	0.1	0	0.0	0.0	
VMP-62-30	12/17/2015	1240	-0.25	-0.17	0.0	0	1.0	20.1	0.2	0	0.0	0.0	
VMP-62-30	1/21/2016	1110	-1.15	-1.01	0.0	0	0.8	20.0	0.3	0.0	0.0	0.0	
VMP-62-30	2/18/2016	1450	-1.62	-1.55	0.0	0	0.7	20.2	0.1	0.0	0.0	0.0	
VMP-62-30	3/23/2016	0910	-2.94	-2.78	0.0	0	0.4	20.6	0.3	0.0	0.0	0.0	
VMP-62-30	4/20/2016	0855	-2.55	-1.38	0.0	0	0.6	20.1	0.2	0.0	0.0	0.0	
VMP-62-30	5/19/2016	1000	-3.11	-2.92	0.0	0	1.0	19.7	0.6	0.0	0.0	0.0	
VMP-62-30	6/22/2016	0905	-3.12	-2.71	0.0	0	1.2	19.5	0.2	0.0	0.0	0.0	
VMP-62-30-Dup	6/22/2016	0905	NM	NM	0.0	0	1.2	19.5	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-62-30	7/20/2016	1522	-1.89	-0.83	0.0	0	1.4	19.3	0.1	0.0	0.0	0.0	
VMP-62-30	8/25/2016	1021	-4.15	-4.03	0.0	0	1.6	19.5	0.0	0.0	0.0	0.0	
VMP-62-30	9/22/2016	0948	-3.43	-3.29	0.0	0	1.5	19.7	0.0	0.0	0.0	0.0	
VMP-62-30	10/21/2016	1053	-1.25	-1.02	0.0	0	1.5	19.7	0.0	0.0	0.0	0.0	
VMP-62-30	11/17/2016	1018	-2.40	-2.20	0.0	0	1.1	19.8	0.2	0.0	0.0	0.0	
VMP-62-30	12/22/2016	906	-3.07	-2.96	0.0	0	1.0	20.0	0.2	0.0	0.0	0.0	
VMP-63-5	1/30/2014	1453	-0.35	-0.34	0.0	0	0.2	20.8	1.0	3.05	0.0	3.05	
VMP-63-5	2/25/2014	1121	-1.69	0.00	0.0	0	0.1	20.9	1.3	2.05	0.0	2.05	
VMP-63-5	3/19/2014	1305	-0.25	-0.23	0.0	0	0.2	20.8	1.0	1.42	0.0	1.42	
VMP-63-5	4/24/2014	1542	0.00	-0.05	0.0	0	0.5	20.6	1.4	1.93	0.0	1.93	
VMP-63-5	5/22/2014	1018	-0.30	-0.29	0.0	0	0.5	20.6	1.8	2.18	0.0	2.18	
VMP-63-5	6/19/2014	0837	-0.24	-0.13	0.0	0	0.8	20.2	3.2	0.89	0.0	0.89	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-63-5	7/24/2014	0918	-0.22	-0.20	0.0	0	0.6	20.3	1.2	0.97	0.0	0.97	
VMP-63-5	8/20/2014	1010	-0.23	-0.25	0.0	0	0.6	20.7	1.1	0.48	0.0	0.48	
VMP-63-5	9/18/2014	0917	-0.27	-0.21	0.0	0	0.3	20.7	2.1	1.46	0.0	1.46	
VMP-63-5	10/23/2014	0948	-0.21	-0.19	0.0	0	0.2	20.7	1.5	0.54	0.0	0.54	
VMP-63-5	11/20/2014	0853	-0.26	-0.36	0.0	0	0.1	20.9	1.1	0.99	0.0	0.99	
VMP-63-5	12/18/2014	1111	-0.44	0.00	0.0	0	0.1	20.9	1.2	0.88	0.0	0.88	
VMP-63-5	1/28/2015	1606	-0.13	-0.11	0.0	0	0.1	20.9	0.9	0.9	0.0	0.9	
VMP-63-5	2/26/2015	1019	-0.27	-0.30	0.0	0	0.1	20.9	0.7	0.3	0.0	0.3	
VMP-63-5	3/26/2015	1130	-0.25	-0.17	0.0	0	0.2	20.9	0.9	0.9	0.0	0.9	
VMP-63-5	4/23/2015	1002	-0.30	-0.17	0.0	0	0.3	20.6	0.8	1.8	0.0	1.8	
VMP-63-5	5/21/2015	1030	-0.26	-0.29	0.0	0	0.3	20.6	0.2	1.4	0.0	1.4	
VMP-63-5	6/17/2015	1500	-0.21	-0.16	0.0	0	0.6	20.4	0.4	1.1	0.0	1.1	
VMP-63-5	7/23/2015	1000	-0.27	-0.23	0.0	0	0.6	20.6	0.3	0.0	0.0	0.0	
VMP-63-5	8/20/2015	0913	-0.27	-0.22	0.0	0	0.6	20.4	0.3	0.0	0.0	0.0	
VMP-63-5	9/17/2015	0928	-0.17	-0.14	0.0	0	0.3	20.6	0.6	0.0	0.0	0.0	
VMP-63-5	10/22/2015	0855	-0.27	-0.24	0.0	0	0.1	20.8	0.4	0.7	0.0	0.7	
VMP-63-5	11/24/2015	1400	-0.14	-0.19	0.0	0	0.0	20.9	0.1	0	0.0	0.0	
VMP-63-5	12/17/2015	1159	0.00	0.00	0.0	0	0.1	20.7	0.2	0	0.0	0.0	
VMP-63-5	1/21/2016	1035	-0.11	0.00	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-63-5	2/18/2016	1416	-0.22	-0.33	0.0	0	0.0	20.9	0.1	0.0	0.0	0.0	
VMP-63-5	3/23/2016	1030	-1.92	-0.92	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-63-5	4/21/2016	1105	-0.20	-0.24	0.0	0	0.2	20.5	0.4	0.0	0.0	0.0	
VMP-63-5	5/19/2016	0915	-0.37	-0.34	0.0	0	0.4	20.7	0.4	0.0	0.0	0.0	
VMP-63-5	6/22/2016	0830	-0.44	-0.23	0.0	0	0.2	20.6	0.7	0.0	0.0	0.0	
VMP-63-5	7/20/2016	1435	-0.24	-0.25	0.0	0	0.3	20.4	0.0	0.0	0.0	0.0	
VMP-63-5	8/25/2016	0930	-0.39	-0.41	0.0	0	0.2	20.7	0.1	0.0	0.0	0.0	
VMP-63-5	9/22/2016	0927	-0.26	-0.26	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-63-5	10/21/2016	1030	-0.36	-0.27	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-63-5	11/17/2016	0945	-0.16	-0.16	0.0	0	0.1	20.9	0.0	0.0	0.0	0.0	
VMP-63-5	12/22/2016	0814	-0.37	-0.33	0.0	0	0.0	20.9	0.0	0.0	0.0	0.0	
VMP-63-10	1/30/2014	1454	-0.30	-1.15	0.0	0	0.2	20.9	1.1	1.73	0.0	1.73	
VMP-63-10	2/25/2014	1124	0.00	0.00	0.0	0	0.1	20.8	1.1	1.52	0.0	1.52	
VMP-63-10	3/19/2014	1306	-0.86	-0.98	0.0	0	0.2	20.8	1.0	0.45	0.0	0.45	
VMP-63-10	4/24/2014	1545	-0.09	0.00	0.0	0	0.5	20.5	1.5	1.6	0.0	1.6	
VMP-63-10	5/22/2014	1022	-0.72	-0.66	0.0	0	0.6	20.5	2.1	1.6	0.0	1.6	
VMP-63-10	6/19/2014	0838	-0.50	-0.30	0.0	0	0.9	20.1	1.7	0.56	0.0	0.56	
VMP-63-10	7/24/2014	0918	-1.61	-0.64	0.0	0	0.7	20.3	1.0	0.91	0.0	0.91	
VMP-63-10	8/20/2014	1011	-0.46	-0.50	0.0	0	0.7	20.2	1.2	0.24	0.0	0.24	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-63-10	9/18/2014	0922	-0.50	-0.41	0.0	0	0.4	20.6	2.1	0.89	0.0	0.89	
VMP-63-10	10/23/2014	0949	-0.40	-0.35	0.0	0	0.2	20.7	1.6	0.84	0.0	0.84	
VMP-63-10	11/20/2014	0855	-0.43	-0.34	0.0	0	0.2	20.8	1.2	0.82	0.0	0.82	
VMP-63-10	12/18/2014	1116	-0.56	0.00	0.0	0	0.2	20.8	1.3	0.68	0.0	0.68	
VMP-63-10	1/28/2015	1606	0.00	-0.27	0.0	0	0.1	20.9	0.8	0.8	0.0	0.8	
VMP-63-10	2/26/2015	1024	-1.65	-0.85	0.0	0	0.1	20.8	0.8	0.3	0.0	0.3	
VMP-63-10	3/26/2015	1133	-0.88	-0.60	0.0	0	0.2	20.8	0.6	0.8	0.0	0.8	
VMP-63-10	4/23/2015	1003	-0.88	-0.59	0.0	0	0.2	20.5	1.0	1.5	0.0	1.5	
VMP-63-10	5/21/2015	1034	-0.63	-0.66	0.0	0	0.5	20.4	0.2	0.9	0.0	0.9	
VMP-63-10	6/17/2015	1505	-0.50	-0.42	0.0	0	0.9	20.2	0.6	0.0	0.0	0.0	
VMP-63-10	7/23/2015	1005	-0.61	-0.55	0.0	0	0.8	20.3	0.6	0.0	0.0	0.0	
VMP-63-10	8/20/2015	0918	-0.58	-0.52	0.0	0	0.7	20.2	0.2	0.0	0.0	0.0	
VMP-63-10	9/17/2015	0933	-0.42	-0.34	0.0	0	0.4	20.5	0.6	0.0	0.0	0.0	
VMP-63-10	10/22/2015	0900	-0.54	-0.49	0.0	0	0.1	20.7	0.3	0	0.0	0.0	
VMP-63-10	11/24/2015	1405	-0.34	-0.41	0.0	0	0.0	20.9	0.0	0	0.0	0.0	
VMP-63-10	12/17/2015	1200	0.00	-0.30	0.0	0	0.1	20.8	0.2	0	0.0	0.0	
VMP-63-10	1/21/2016	1040	-0.76	-0.38	0.0	0	0.0	20.9	0.3	0.0	0.0	0.4	
VMP-63-10	2/18/2016	1420	-0.24	-0.80	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-63-10	3/23/2016	1035	-1.01	0.00	0.0	0	0.0	20.9	0.5	0.0	0.0	0.0	
VMP-63-10	4/21/2016	1110	0.00	-0.83	0.0	0	0.2	20.6	0.7	0.0	0.0	0.0	
VMP-63-10	5/19/2016	0920	-1.32	-1.24	0.0	0	0.2	20.7	0.4	0.0	0.0	0.0	
VMP-63-10	6/22/2016	0835	-0.89	-0.64	0.0	0	0.4	20.4	0.8	0.0	0.0	0.0	
VMP-63-10	7/20/2016	1439	-0.40	-0.83	0.0	0	0.5	20.4	0.0	0.0	0.0	0.0	
VMP-63-10	8/25/2016	0931	-0.86	-0.89	0.0	0	0.3	20.6	0.0	0.0	0.0	0.0	
VMP-63-10	9/22/2016	0928	-0.62	-0.62	0.0	0	0.4	20.6	0.0	0.0	0.0	0.0	
VMP-63-10	10/21/2016	1031	-0.50	-0.35	0.0	0	0.2	20.7	0.0	0.0	0.0	0.0	
VMP-63-10	11/17/2016	0946	-0.38	-0.35	0.0	0	0.1	20.8	0.0	0.0	0.0	0.0	
VMP-63-10	12/22/2016	0816	-0.60	-0.58	0.0	0	0.0	20.9	0.2	0.0	0.0	0.0	
VMP-63-20	1/30/2014	1455	-0.81	-0.91	0.0	0	0.7	20.6	1.3	1.97	0.0	1.97	
VMP-63-20	2/25/2014	1127	-0.11	0.00	0.0	0	0.6	20.5	1.2	0.91	0.0	0.91	
VMP-63-20	3/19/2014	1307	-1.43	-1.30	0.0	0	0.4	20.8	1.1	1.18	0.0	1.18	
VMP-63-20	4/24/2014	1549	-0.21	-0.27	0.0	0	0.5	20.5	1.5	2.01	0.0	2.01	
VMP-63-20	5/22/2014	1025	-1.59	-1.47	0.0	0	0.6	20.5	3.0	1.73	0.0	1.73	
VMP-63-20	6/19/2014	0838	-1.30	-0.82	0.0	0	1.0	20.0	1.6	0.66	0.0	0.66	
VMP-63-20	7/24/2014	0918	-2.27	-1.35	0.0	0	1.1	20.1	1.2	0.99	0.0	0.99	
VMP-63-20	8/20/2014	1011	-1.52	-1.66	0.0	0	0.9	20.1	1.2	0.48	0.0	0.48	
VMP-63-20	9/18/2014	0927	-1.75	-1.46	0.0	0	0.9	20.2	1.4	0.4	0.0	0.4	
VMP-63-20	10/23/2014	0950	-1.49	-1.32	0.0	0	0.5	20.6	1.4	0.25	0.0	0.25	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-63-20	11/20/2014	0856	-1.59	-1.29	0.0	0	0.4	20.7	1.1	0.39	0.0	0.39	
VMP-63-20-Dup	11/20/2014	0901	NM	NM	0.0	0	0.4	20.7	1.2	0.26	0.0	0.26	Duplicate sample.
VMP-63-20	12/18/2014	1121	-0.72	-0.56	0.0	0	0.3	20.7	1.6	0.64	0.0	0.64	
VMP-63-20	1/28/2015	1606	-0.90	-0.90	0.0	0	0.2	20.9	0.9	0.5	0.0	0.5	
VMP-63-20	2/26/2015	1029	-1.93	-1.80	0.0	0	0.2	20.8	0.8	0.2	0.0	0.2	
VMP-63-20	3/26/2015	1137	-1.59	-1.45	0.0	0	0.2	20.8	0.8	0.5	0.0	0.5	
VMP-63-20	4/23/2015	1004	-1.83	-2.39	0.0	0	0.3	20.4	1.3	1.0	0.0	1.0	
VMP-63-20	5/21/2015	1038	-1.71	-1.74	0.0	0	0.4	20.3	0.4	1.2	0.0	1.2	
VMP-63-20	6/17/2015	1510	-1.62	-1.47	0.0	0	0.7	20.3	0.6	0.0	0.0	0.0	
VMP-63-20	7/23/2015	1010	-1.87	-1.80	0.0	0	0.9	20.1	0.5	0.0	0.0	0.0	
VMP-63-20	8/20/2015	0923	-1.90	-1.90	0.0	0	0.8	20.1	0.3	0.0	0.0	0.0	
VMP-63-20	9/17/2015	0938	-1.72	-1.60	0.0	0	0.7	20.4	0.5	0.0	0.0	0.0	
VMP-63-20	10/22/2015	0905	-2.04	-1.88	0.0	0	0.3	20.6	0.4	0.6	0.0	0.6	
VMP-63-20	11/24/2015	1410	-1.47	-1.60	0.0	0	0.1	20.8	0.0	0	0.0	0.0	
VMP-63-20	12/17/2015	1201	-0.22	-0.47	0.0	0	0.2	20.7	0.1	0	0.0	0.0	
VMP-63-20-Dup	12/17/2015	1206	NM	NM	0.0	0	0.2	20.7	0.1	0	0.0	0.0	Duplicate sample.
VMP-63-20	1/21/2016	1045	-1.09	-0.81	0.0	0	0.1	20.8	0.3	0.0	0.0	0.0	
VMP-63-20	2/18/2016	1424	-1.39	-1.21	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-63-20	3/23/2016	1040	-2.12	-1.99	0.0	0	0.1	20.8	0.4	0.0	0.0	0.0	
VMP-63-20	4/21/2016	1120	-1.81	-1.95	0.0	0	0.2	20.6	0.3	0.0	0.0	0.0	
VMP-63-20	5/19/2016	0925	-2.54	-2.41	0.0	0	0.4	20.6	0.3	0.0	0.0	0.0	
VMP-63-20	6/22/2016	0840	-2.30	-2.02	0.0	0	0.6	20.2	0.4	0.0	0.0	0.0	
VMP-63-20	7/20/2016	1443	-1.30	-1.43	0.0	0	0.7	20.2	0.1	0.0	0.0	0.0	
VMP-63-20	8/25/2016	0932	-3.20	-3.13	0.0	0	0.5	20.4	0.3	0.0	0.0	0.0	
VMP-63-20	9/22/2016	0929	-2.42	-2.42	0.0	0	0.5	20.3	0.0	0.0	0.0	0.0	
VMP-63-20	10/21/2016	1032	-1.11	-0.89	0.0	0	0.4	20.5	0.0	0.0	0.0	0.0	
VMP-63-20	11/17/2016	0947	-1.62	-1.51	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-63-20	12/22/2016	0819	-2.08	-1.97	0.0	0	0.1	20.9	0.2	0.0	0.0	0.0	
VMP-63-30	1/30/2014	1456	-0.92	-1.05	0.0	0	2.9	19.5	0.9	2.39	0.0	2.39	
VMP-63-30	2/25/2014	1130	0.00	0.00	0.0	0	2.0	19.8	1.2	0.72	0.0	0.72	
VMP-63-30	3/19/2014	1308	-1.57	-1.46	0.0	0	0.9	20.6	1.0	0.57	0.0	0.57	
VMP-63-30	4/24/2014	1552	-0.45	-0.06	0.0	0	1.2	20.1	1.4	1.18	0.0	1.18	
VMP-63-30	5/22/2014	1028	-1.86	-1.69	0.0	0	0.8	20.3	1.5	1.74	0.0	1.74	
VMP-63-30	6/19/2014	0838	-1.50	-0.96	0.0	0	0.9	18.9	1.6	0.77	0.0	0.77	
VMP-63-30	7/24/2014	0918	-1.66	-1.61	0.0	0	1.3	19.3	1.2	1.18	0.0	1.18	
VMP-63-30	8/20/2014	1013	-1.59	-1.94	0.0	0	1.1	19.9	1.4	0.21	0.0	0.21	
VMP-63-30	9/18/2014	0932	-2.05	-1.72	0.0	0	1.2	20.1	1.6	0.59	0.0	0.59	
VMP-63-30	10/23/2014	0951	-1.52	-1.62	0.0	0	0.8	20.2	1.6	0.68	0.0	0.68	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-63-30	11/20/2014	0856	-1.88	-1.52	0.0	0	0.8	20.4	1.2	0.21	0.0	0.21	
VMP-63-30	12/18/2014	1126	-1.12	-0.71	0.0	0	0.6	20.6	1.4	0.33	0.0	0.33	
VMP-63-30	1/28/2015	1606	-1.12	-1.10	0.0	0	0.5	20.6	0.9	0.0	0.0	0.0	
VMP-63-30	2/26/2015	1034	-2.28	-2.12	0.0	0	0.4	20.6	0.5	0.1	0.0	0.1	
VMP-63-30	3/26/2015	1140	-1.81	-1.67	0.0	0	0.3	20.7	0.7	0.4	0.0	0.4	
VMP-63-30	4/23/2015	1005	-2.07	-1.55	0.0	0	0.3	20.2	1.0	0.8	0.0	0.8	
VMP-63-30	5/21/2015	1042	-1.97	-1.99	0.0	0	0.3	20.3	0.4	1.0	0.0	1.0	
VMP-63-30	6/17/2015	1515	-2.11	-1.88	0.0	0	0.7	20.1	0.7	0.0	0.0	0.0	
VMP-63-30	7/23/2015	1015	-3.13	-2.09	0.0	0	1.0	19.8	0.6	0.0	0.0	0.0	
VMP-63-30	8/20/2015	0928	-2.35	-2.24	0.0	0	1.4	19.4	0.3	0.0	0.0	0.0	
VMP-63-30	9/17/2015	0943	-2.14	-1.94	0.0	0	1.0	20.1	0.4	0.0	0.0	0.0	
VMP-63-30	10/22/2015	0910	-2.44	-2.26	0.0	0	0.5	20.5	0.5	0	0.0	0.0	
VMP-63-30	11/24/2015	1415	-1.93	-2.00	0.0	0	0.4	20.7	0.1	0	0.0	0.0	
VMP-63-30	12/17/2015	1202	-0.27	-0.50	0.0	0	0.4	20.8	0.2	0	0.0	0.0	
VMP-63-30	1/21/2016	1100	-1.23	-0.95	0.0	0	0.4	20.5	0.2	0.0	0.0	0.0	
VMP-63-30-Dup	1/21/2016	1101	NM	NM	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-63-30	2/18/2016	1429	-1.43	-1.50	0.0	0	0.3	20.6	0.1	0.0	0.0	0.0	
VMP-63-30	3/23/2016	1045	-2.42	-2.28	0.0	0	0.3	20.6	0.3	0.0	0.0	0.0	
VMP-63-30	4/21/2016	1120	-1.81	-1.95	0.0	0	0.3	20.5	1.2	0.0	0.0	0.0	
VMP-63-30	5/19/2016	0930	-2.88	-2.74	0.0	0	0.4	20.4	0.3	0.0	0.0	0.0	
VMP-63-30-Dup	5/19/2016	0930	NM	NM	0.0	0	0.4	20.5	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-63-30	6/22/2016	0845	-2.62	-2.37	0.0	0	0.8	20.0	0.6	0.0	0.0	0.0	
VMP-63-30	7/20/2016	1448	-1.53	-1.69	0.0	0	0.9	20.0	0.0	0.0	0.0	0.0	
VMP-63-30	8/25/2016	0933	-3.51	-3.67	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-63-30	9/22/2016	0930	-2.93	-2.88	0.0	0	0.8	20.2	0.2	0.0	0.0	0.0	
VMP-63-30	10/21/2016	1033	-1.05	-0.84	0.0	0	0.7	20.3	0.0	0.0	0.0	0.0	
VMP-63-30	11/17/2016	0948	-2.58	-1.83	0.0	0	0.6	20.4	0.3	0.0	0.0	0.0	
VMP-63-30	12/22/2016	0821	-2.44	-2.35	0.0	0	0.5	20.6	0.1	0.0	0.0	0.0	
VMP-64-5	1/30/2014	1437	-0.30	-0.41	0.0	0	0.2	20.8	4.4	10.18	3.4	6.76	
VMP-64-5	2/20/2014	0832	-0.22	0.00	0.0	0	0.1	20.8	2.8	4.82	0.0	4.82	
VMP-64-5	3/20/2014	1250	-0.20	-0.18	0.0	0	0.1	20.9	1.8	2.83	0.0	2.83	
VMP-64-5	4/24/2014	1458	0.11	-0.05	0.0	0	0.3	20.7	1.8	3.79	0.0	3.79	
VMP-64-5	5/21/2014	1513	0.00	0.00	0.0	0	0.3	20.2	1.5	3.12	0.0	3.12	
VMP-64-5	6/18/2014	1527	0.00	0.00	0.0	0	0.5	19.6	1.1	1.1	0.0	1.1	
VMP-64-5	7/23/2014	1600	0.00	0.0	0.0	0	0.8	20.5	1.4	1.4	0.0	1.4	
VMP-64-5	8/20/2014	0920	0.00	0.00	0.0	0	0.7	20.2	1.7	0.87	0.0	0.87	
VMP-64-5	9/18/2014	0857	-0.08	-0.05	0.0	0	0.4	20.6	1.8	2.4	0.0	2.4	
VMP-64-5	10/23/2014	0931	0.00	0.00	0.0	0	0.5	20.6	1.7	0.87	0.0	0.87	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-64-5	11/20/2014	0855	0.00	0.00	0.0	0	0.2	20.6	0.9	1.11	0.0	1.11	
VMP-64-5	12/18/2014	1046	0.00	0.00	0.0	0	0.2	20.6	1.6	1.24	0.0	1.24	
VMP-64-5	1/28/2015	1537	-0.16	0.00	0.0	0	0.1	20.6	1.1	1.1	0.0	1.1	
VMP-64-5	2/27/2015	0905	0.00	0.00	0.0	0	0.1	20.9	0.7	1.9	0.0	1.9	
VMP-64-5	3/26/2015	1110	0.00	0.00	0.0	0	0.1	20.8	0.5	1.3	0.0	1.3	
VMP-64-5	4/23/2015	0931	0.00	0.00	0.0	0	0.3	20.4	1.3	1.8	0.0	1.8	
VMP-64-5	5/21/2015	0950	-0.09	0.00	0.0	0	0.2	20.6	0.5	2.7	0.0	2.7	
VMP-64-5	6/17/2015	1418	0.00	0.00	0.0	0	0.7	20.4	0.6	0.9	0.0	0.9	
VMP-64-5	7/23/2015	0925	-0.11	-0.09	0.0	0	0.9	20.4	0.3	0.5	0.0	0.5	
VMP-64-5	8/20/2015	0852	0.00	0.00	0.0	0	0.8	20.0	0.3	0.0	0.0	0.0	
VMP-64-5	9/17/2015	0904	-0.71	0.00	0.0	0	0.6	20.3	0.4	0.0	0.0	0.0	
VMP-64-5	10/22/2015	0830	-0.13	0.00	0.0	0	0.3	20.5	0.5	0.4	0.0	0.4	
VMP-64-5	11/24/2015	1335	0.00	0.00	0.0	0	0.2	20.8	0.0	0	0.0	0.0	
VMP-64-5	12/17/2015	0918	0.00	0.00	0.0	0	0.2	20.8	0.2	0	0.0	0.0	
VMP-64-5	1/21/2016	1015	0.00	0.00	0.0	0	0.1	20.8	0.1	0.1	0.0	0.1	
VMP-64-5	2/18/2016	1354	0.00	0.00	0.0	0	0.0	20.8	0.3	0.0	0.0	0.0	
VMP-64-5	3/23/2016	0830	-0.11	-0.11	0.0	0	0.1	20.7	0.3	0.0	0.0	0.0	
VMP-64-5	4/21/2016	1045	0.00	0.00	0.0	0	0.1	20.5	0.9	0.0	0.0	0.0	
VMP-64-5	5/19/2016	0850	0.00	0.00	0.0	0	0.2	20.6	0.7	0.3	0.0	0.3	
VMP-64-5	6/21/2016	1610	-0.09	-0.18	0.0	0	0.5	19.7	0.8	0.9	0.0	0.9	
VMP-64-5	7/20/2016	1412	5.92	NM	NM	NM	NM	NM	NM	NM	NM	NM	Water encountered during purge.
VMP-64-5	8/25/2016	0911	-0.50	0.0	0.0	0	0.4	20.3	0.6	0.0	0.0	0.0	
VMP-64-5	9/22/2016	0859	0.00	0.00	0.0	0	0.3	20.5	0.2	0.0	0.0	0.0	
VMP-64-5	10/21/2016	1000	-0.17	-0.11	0.0	0	0.2	20.4	0.1	0.0	0.0	0.0	
VMP-64-5	11/17/2016	0905	0.00	0.00	0.0	0	0.1	20.8	0.7	0.0	0.0	0.0	
VMP-64-5	12/21/2016	1605	-0.14	-0.11	0.0	0	0.1	20.8	0.2	0.0	0.0	0.0	
VMP-64-10	1/30/2014	1437	-0.23	-0.21	0.0	0	1.6	20.1	3.0	7.04	1.7	5.31	
VMP-64-10	2/20/2014	0835	-0.36	0.00	0.0	0	0.6	20.7	2.4	3.3	0.0	3.3	
VMP-64-10	3/20/2014	1251	-0.17	-0.19	0.0	0	1.0	20.7	1.4	1.77	0.0	1.77	
VMP-64-10	4/24/2014	1501	0.10	0.08	0.0	0	1.4	19.9	1.6	1.94	0.0	1.94	
VMP-64-10	5/21/2014	1516	-0.08	-0.05	0.0	0	1.4	19.2	1.0	2.07	0.0	2.07	
VMP-64-10	6/18/2014	1527	0.00	-0.05	0.0	0	1.9	18.5	2.0	0.98	0.0	0.98	
VMP-64-10	7/23/2014	1605	-0.11	-0.04	0.0	0	2.9	18.4	1.2	1.38	0.0	1.38	
VMP-64-10	8/20/2014	0922	-0.08	-0.07	0.0	0	3.3	17.7	1.6	0.38	0.0	0.38	
VMP-64-10	9/18/2014	0902	-0.24	-0.17	0.0	0	3.1	18.1	3.0	1.55	0.0	1.55	
VMP-64-10	10/23/2014	0932	-0.12	-0.11	0.0	0	2.5	18.5	2.0	0.58	0.0	0.58	
VMP-64-10	11/19/2014	0856	-0.17	0.00	0.0	0	1.9	19.4	0.8	0.69	0.0	0.69	
VMP-64-10	12/18/2014	1051	0.00	0.09	0.0	0	1.7	19.7	1.2	0.88	0.0	0.88	

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-64-10	1/28/2015	1537	0.00	0.00	0.0	0	1.6	19.9	1.1	0.2	0.0	0.2	
VMP-64-10-Dup	1/28/2015	1537	NM	NM	0.0	0	1.6	19.8	1.1	0.2	0.0	0.2	Duplicate sample.
VMP-64-10	2/27/2015	0905	-0.54	-0.15	0.0	0	0.7	20.5	1.0	1.1	0.0	1.1	
VMP-64-10	3/26/2015	1113	-0.19	-0.17	0.0	0	0.9	20.3	0.6	0.3	0.0	0.3	
VMP-64-10	4/23/2015	0932	-0.34	-0.15	0.0	0	0.8	19.7	1.5	2.3	0.0	2.3	
VMP-64-10	5/21/2015	0954	-0.36	-0.78	0.0	0	1.0	19.4	0.6	1.8	0.0	1.8	
VMP-64-10	6/17/2015	1423	-0.10	-0.13	0.0	0	2.4	17.8	0.7	0.0	0.0	0.0	
VMP-64-10	7/23/2015	0930	-0.27	-0.23	0.0	0	2.5	18.4	0.3	0.0	0.0	0.0	
VMP-64-10	8/20/2015	0857	-0.23	-0.22	0.0	0	3.1	17.8	0.3	0.0	0.0	0.0	
VMP-64-10	9/17/2015	0909	-0.12	0.00	0.0	0	2.8	18.3	0.6	0.0	0.0	0.0	
VMP-64-10	10/22/2015	0835	-0.25	-0.14	0.0	0	2.2	19.0	0.6	0.6	0.0	0.6	
VMP-64-10	11/24/2015	1340	0.00	0.00	0.0	0	2.2	19.4	0.1	0	0.0	0.0	
VMP-64-10	12/17/2015	0919	-0.22	0.00	0.0	0	1.5	19.9	0.1	0	0.0	0.0	
VMP-64-10	1/21/2016	1020	-0.47	-0.20	0.0	0	1.1	20.1	0.1	0.0	0.0	0.0	
VMP-64-10	2/18/2016	1358	-0.26	-0.15	0.0	0	0.8	20.1	0.2	0.0	0.0	0.0	
VMP-64-10	3/23/2016	0835	-0.41	-0.52	0.0	0	0.7	20.1	0.4	0.0	0.0	0.0	
VMP-64-10	4/21/2016	1050	-0.23	-0.18	0.0	0	1.1	19.6	1.2	0.0	0.0	0.0	
VMP-64-10	5/19/2016	0855	-0.46	-0.38	0.0	0	1.6	19.2	1.5	0.3	0.0	0.3	
VMP-64-10	6/21/2016	1615	-0.28	-0.38	0.0	0	2.2	17.9	0.8	0.0	0.0	0.0	
VMP-64-10	7/20/2016	1413	0.00	0.0	0.0	0	0.8	20.2	0.2	0.0	0.0	0.0	
VMP-64-10	8/25/2016	0912	0.00	0.00	0.0	0	3.1	17.6	0.5	0.0	0.0	0.0	
VMP-64-10	9/22/2016	0900	-0.26	-0.17	0.0	0	3.4	17.3	0.3	0.0	0.0	0.0	
VMP-64-10	10/21/2016	1001	-0.24	-0.14	0.0	0	3.9	16.9	0.2	0.0	0.0	0.0	
VMP-64-10	11/17/2016	0906	-0.10	0.00	0.0	0	2.4	18.7	0.0	0.0	0.0	0.0	
VMP-64-10	12/21/2016	1608	-0.53	0.00	0.0	0	2.2	18.9	0.4	0.0	0.0	0.0	
VMP-64-20	1/30/2014	1438	-0.26	-0.43	0.0	0	1.8	19.8	2.0	5.77	1.9	3.86	
VMP-64-20	2/20/2014	0839	-0.11	0.00	0.0	0	3.1	18.7	2.0	1.4	0.0	1.4	
VMP-64-20	3/20/2014	1252	-0.65	-0.55	0.0	0	1.6	20.2	1.3	1.26	0.0	1.26	
VMP-64-20	4/24/2014	1505	0.24	-1.10	0.0	0	2.5	19.0	1.6	1.59	0.0	1.59	
VMP-64-20	5/21/2014	1519	-0.16	-0.12	0.0	0	2.1	18.7	2.3	1.98	0.0	1.98	
VMP-64-20	6/18/2014	1527	-0.08	-0.10	0.0	0	2.1	18.3	1.0	1.8	0.0	1.8	
VMP-64-20	7/23/2014	1610	-0.20	-0.13	0.0	0	3.7	17.5	1.7	1.85	0.0	1.85	
VMP-64-20	8/20/2014	0923	-0.26	-0.23	0.0	0	4.2	16.8	1.3	0.35	0.0	0.35	
VMP-64-20	9/18/2014	0907	-0.47	-0.33	0.0	0	4.5	16.5	2.7	0.86	0.0	0.86	
VMP-64-20-Dup	9/18/2014	0912	-0.47	NM	0.0	0	4.5	16.5	3.2	0.83	0.0	0.83	Duplicate Sample.
VMP-64-20	10/23/2014	0933	-0.24	-0.24	0.0	0	4.0	17.2	0.9	0.28	0.0	0.28	
VMP-64-20	11/19/2014	0856	-0.34	-0.08	0.0	0	3.5	18.1	1.0	0.47	0.0	0.47	
VMP-64-20	12/18/2014	1056	0.00	0.11	0.0	0	3.3	18.3	1.5	0.48	0.0	0.48	

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SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-64-20	1/28/2015	1537	0.00	0.09	0.0	0	3.1	18.1	1.2	0.1	0.0	0.1	
VMP-64-20	2/27/2015	0905	-0.32	-0.26	0.0	0	1.7	19.8	0.4	0.7	0.0	0.7	
VMP-64-20	3/26/2015	1116	-0.33	-0.31	0.0	0	1.7	19.5	0.5	0.7	0.0	0.7	
VMP-64-20	4/23/2015	0933	-0.51	-0.25	0.0	0	1.8	18.8	1.1	1.3	0.0	1.3	
VMP-64-20	5/21/2015	0958	-0.39	-0.39	0.0	0	1.7	18.4	0.6	1.0	0.0	1.0	
VMP-64-20	6/17/2015	1428	-0.22	-0.50	0.0	0	2.4	18.1	0.8	0.0	0.0	0.0	
VMP-64-20	7/23/2015	0935	-0.30	-0.40	0.0	0	3.5	16.8	0.3	0.0	0.0	0.0	
VMP-64-20-Dup	7/23/2015	0935	NM	NM	0.0	0	3.7	16.6	0.2	0.0	0.0	0.0	Duplicate sample.
VMP-64-20	8/20/2015	0902	-0.46	-0.44	0.0	0	4.3	16.4	0.4	0.0	0.0	0.0	
VMP-64-20	9/17/2015	0913	-0.26	-0.10	0.0	0	4.1	16.8	0.6	0	0.0	0.0	
VMP-64-20	10/22/2015	0840	-0.46	-0.28	0.0	0	3.6	17.8	0.5	0	0.0	0.0	
VMP-64-20	11/24/2015	1345	0.00	-0.12	0.0	0	3.2	18.6	0.1	0	0.0	0.0	
VMP-64-20	12/17/2015	0920	-0.49	0.00	0.0	0	2.3	19.1	0.2	0	0.0	0.0	
VMP-64-20	1/21/2016	1025	-0.44	0.00	0.0	0	3.0	18.3	0.2	0.0	0.0	0.0	
VMP-64-20	2/18/2016	1403	0.11	0.11	0.0	0	2.5	18.8	0.2	0.0	0.0	0.0	
VMP-64-20	3/23/2016	0840	-0.66	-0.55	0.0	0	1.4	19.5	0.2	0.0	0.0	0.0	
VMP-64-20	4/21/2016	1055	-0.16	-0.27	0.0	0	1.8	19.0	0.8	0.0	0.0	0.0	
VMP-64-20	5/19/2016	0900	-0.67	-0.58	0.0	0	1.9	18.6	1.2	0.0	0.0	0.0	
VMP-64-20	6/21/2016	1620	-0.23	-0.37	0.0	0	2.0	18.0	0.6	0.0	0.0	0.0	
VMP-64-20	7/20/2016	1418	0.10	0.0	0.0	0	2.7	17.9	0.3	0.0	0.0	0.0	
VMP-64-20	8/25/2016	0913	-0.58	-0.65	0.0	0	4.3	16.3	0.5	0.0	0.0	0.0	
VMP-64-20	9/22/2016	0901	-0.50	-0.35	0.0	0	4.3	16.8	0.2	0.0	0.0	0.0	
VMP-64-20	10/21/2016	1002	-0.33	-0.16	0.0	0	4.1	17.0	0.1	0.0	0.0	0.0	
VMP-64-20	11/17/2016	0907	-0.23	-0.18	0.0	0	3.4	17.7	0.0	0.0	0.0	0.0	
VMP-64-20-Dup	11/17/2016	0907	NM	NM	0.0	0	3.3	17.8	0.0	0.0	0.0	0.0	Duplicate sample.
VMP-64-20	12/21/2016	1610	-0.30	-0.29	0.0	0	3.3	17.8	0.6	0.0	0.0	0.0	
VMP-64-20-Dup	12/21/2016	1610	NM	NM	0.0	0	3.4	17.8	0.3	0.0	0.0	0.0	Duplicate sample.
VMP-64-28	1/30/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	2/20/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	3/20/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	4/24/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	5/21/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	6/18/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	7/23/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	8/20/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	9/18/2014	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	10/23/2014	0934	-0.83	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	11/19/2014	0857	-1.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

APPENDIX 3-D
SVE SYSTEM MONTHLY MONITORING - VMP SAMPLING DATA

Sample ID	Date	Initial Reading Time (24-Hour)	Vacuum/Pressure		Fixed Gases				Soil Vapor Concentrations				Comments
			Initial Reading (Inches of H_2O)	Stabilized Reading (Inches of H_2O)	CH_4 (%)	LEL (%)	CO_2 (%)	O_2 (%)	PID (ppmv)	THC (ppmv)	CH_4 (ppmv)	PHC (ppmv)	
VMP-64-28	12/18/2014	1101	-1.93	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	1/28/2015	1537	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	2/27/2015	0905	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	3/26/2015	1119	0.15	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged
VMP-64-28	4/23/2015	0934	0.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	5/21/2015	1002	-0.53	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	6/17/2015	1420	-11.99	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	7/23/2015	0940	-0.17	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	8/20/2015	0907	-0.42	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	9/17/2015	0918	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	10/22/2015	0845	-0.25	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	11/24/2015	1350	-0.28	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	12/17/2015	0921	0.18	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	1/21/2016	1030	-0.51	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	2/18/2016	1408	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	3/23/2016	0845	-1.38	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	4/21/2016	1100	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	5/19/2016	0905	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	6/21/2016	1625	-0.36	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	7/20/2016	1422	-0.09	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	8/25/2016	0914	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	9/22/2016	0902	0.00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	10/21/2016	1003	-0.16	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	11/17/2016	0908	0.71	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.
VMP-64-28	12/22/2016	1612	4.94	NM	NM	NM	NM	NM	NM	NM	NM	NM	Screen submerged.

Notes:
1) NM = Not Measured, PID - Photo Ionization Detector; THC = Total Hydrocarbon Concentration; PHC = Petroleum Hydrocarbon Concentration; OVR = Over-range; ppmv = Parts Per Million By Volume.

Appendix 3-E. Cumulative Summary of Soil Gas Analytical Detections and Screening Results – VOCs

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<1.1	U		<0.38	U		<0.8	U		<1.2	U		<0.46	U		<0.26	U					<0.35	U	
		VMP-1-5-082510	8/25/2010	0.068			0.044			<0.028	U		<0.044	U		<0.016	U		<0.0094	U					0.0066	J	
		VMP-1-5-111710	11/17/2010	0.019	J		0.0069	J		<0.034	U		<0.053	U		<0.02	U		<0.011	U					<0.015	U	
		VMP-1-5-020411	2/4/2011	0.42	J		0.14	J		<0.68	U		<1	U		<0.39	U		<0.22	U					<0.3	U	
		VMP-1-5-041211	4/12/2011	0.012	J		0.6			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U		0.033			0.0018	J	
		VMP-1-5-080111	8/1/2011	<0.012	U		0.051			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U		0.21			0.017		
		VMP-1-5-110311	11/3/2011	110			<11	U		<23	U		<36	U		<14	U		<7.7	U		2000			3.1	J	
		VMP-1-5-013012	1/30/2012	<2.8	U		0.28	J	J	<2	U		<3	U		<1.1	U		<0.64	U		3400			<3.4	U	
		VMP-1-5-041312	4/13/2012	0.017	J		0.014			<0.006	U		<0.0092	U		<0.035	U		<0.002	U		0.008	J		0.0065	J	
		VMP-1-5-071612	7/16/2012	0.078			0.084			0.0018	J		<0.0094	U		<0.036	U	UJ	<0.002	U		0.018			0.068		
		VMP-1-5-101112	10/11/2012	0.028	J		<0.0073	U		<0.015	U		<0.024	U		<0.089	U		<0.0051	U		2.7			<0.027	U	
		VMP-1-5-012113	1/21/2013	0.32	J		0.015	J		<0.17	U		<0.27	U		0.074	J		<0.057	U		17			<0.3	U	
		VMP-1-5-012313-R	1/23/2013	<11	U		4.7			<7.8	U		<12	U		<4.5	U		<2.6	U		5900			<14	U	
		VMP-1-5-050813	5/8/2013	0.026	J		0.0021	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.021			0.012	J	
		VMP-1-5-072913	7/29/2013	0.052			0.0032	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		0.041			0.034		
		VMP-1-5-072913-Dup	7/29/2013	0.049			0.0029	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		0.05			0.031		
		VMP-1-5-110413	11/4/2013	0.035			0.0013	J		<0.008	U		<0.012	U		0.0014	J		<0.0026	U		0.0039	J		0.027		
		VMP-1-5-020714	2/7/2014	0.017	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.052			0.004	J	
		VMP-1-5-043014	4/30/2014	0.024	J		0.002	J		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		0.01	J		0.0082	J	
		VMP-1-5-080714	8/7/2014	0.023	J		0.00067	J		<0.0079	U		<0.012	U		<0.046	J	U	<0.0026	U		<0.011	U		0.0031	J	
		VMP-1-5-103114	10/31/2014	0.031	J		0.0017	J		<0.0092	U		<0.014	U		<0.053	J	U	<0.003	U		0.014			0.0081	J	
		VMP-1-5-020915	2/9/2015	0.0094	J		0.00073	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.0057	J		<0.014	U	
		VMP-1-5-050515	5/5/2015	0.03	J		0.0048			<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.044		
		VMP-1-5-073015	7/30/2015	0.028	J		0.0025	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.015	J	
		VMP-1-5-110315	11/3/2015	0.03	J		0.0016	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.018		
		VMP-1-5-020316	2/3/2016	<0.031	J	U	0.0014	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0058	J	
		VMP-1-5-050316	5/3/2016	0.0069	J		0.0012	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0022	J	
		VMP-1-5-072516	7/25/2016	0.024	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-1-5-102816	10/28/2016	0.02	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
	8.5 ft	VMP-1-8.5	11/2/2009	<1.6	U		<0.52	U		<1.1	U		<1.7	U		<0.63	U		<0.36	U					<0.48	U	
		VMP-1-8.5-082510	8/25/2010	0.054	J		0.0079	J		<0.086	U		<0.13	U		<0.05	U		<0.028	U					<0.038	U	
		VMP-1-8.5-111710	11/17/2010	0.024			0.0035	J		<0.016	U		<0.026	U		<0.0096	U		<0.0055	U					0.0048	J	
		VMP-1-8.5-111710-Dup	11/17/2010	0.016	J		0.0034	J		<0.016	U		<0.026	U		<0.0096	U		<0.0055	U					0.0037	J	
		VMP-1-8.5-020411	2/4/2011	0.31	J		0.26	J		<1.3	U		<2	U		<0.77	U		<0.44	U					<0.58	U	
		VMP-1-8.5-041211	4/12/2011	0.011	J		0.31			<0.012	U		<0.018	U		<0.0068	U		<0.0038	U		0.026			<0.02	U	
		VMP-1-8.5-080111	8/1/2011	<6.8	U		<2.3	U		<4.8	U		<7.4	U		<2.8	U		<1.6	U		840			<8.5	U	
		VMP-1-8.5-080111-Dup	8/1/2011	<6.7	U		6.2			<4.7	U		<7.3	U		<2.7	U		<1.6	U		780			<8.3	U	
		VMP-1-8.5-110311	11/3/2011	240			<26	U		<54	U		<83	U		<31	U		<18	U		4800			<95	U	
		VMP-1-8.5-013012	1/30/2012	1.4	J		<5.6	U		<12	U		<18	U		<6.8	U		<3.9	U		3600			<21	U	
		VMP-1-8.5-041612	4/16/2012	0.022	J		0.0083			<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		0.12			0.0059	J	
		VMP-1-8.5-041612-Dup	4/16/2012	0.02	J		0.0072			<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		0.12			0.0054	J	
		VMP-1-8.5-071612	7/16/2012	0.06			0.058			<0.0062	U		<0.0095	U		<0.036	U	UJ	<0.002	U		<0.0087	U		0.053		
		VMP-1-8.5-101112	10/11/2012	0.0066	J		0.0037	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.07			<0.017	U	
		VMP-1-8.5-012113	1/21/2013	<0.6	U		<0.08	U		<0.17	U		<0.26	U		<0.97	U		<0.055	U		57			<0.3	U	
		VMP-1-8.5-012313-R	1/23/2013	<0.22	U		0.05	J		<0.16	U		<0.24	U		<0.09	U		<0.052	U		260			<0.27	U	
		VMP-1-8.5-050813	5/8/2013	0.016	J		0.002	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		0.15			0.0052	J	
		VMP-1-8.5-072913	7/29/2013	0.078			0.0023	J		<0.0099	U		<0.015	U		0.007	J		<0.0033	U		<0.014	U		0.024		
		VMP-1-8.5-110413	11/4/2013	0.036			0.00058	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		0.0046	J		0.023		
		VMP-1-8.5-020714	2/7/2014	<0.027	U		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-1-8.5-043014	4/30/2014	0.0077	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-1-8.5-080714	8/7/2014	0.046			0.002	J		<0.009	U		<0.014	U		0.014	J		<0.003	U		<0.013	U		0.01	J	
		VMP-1-8.5-103114	10/31/2014	0.017	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0061	J	
		VMP-1-8.5-020915	2/9/2015	0.012	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-1-8.5-050515	5/5/2015	0.028	J		0.0025	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.034		
		VMP-1-8.5-073015	7/30/2015	0.026	J		<0.0044	J	U	<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0078	J	
		VMP-1-8.5-110315	11/3/2015	0.016	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	J	U
		VMP-1-8.5-020316	2/3/2016	<0.033	J	U	0.0017	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0029	J	
		VMP-1-8.5-050316	5/3/2016	0.017	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0058	J	
		VMP-1-8.5-072516	7/25/2016	0.045			<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.0069	J		0.0089	J	
		VMP-1-8.5-102816	10/28/2016	0.025	J		0.0019	J		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		0.019			0.011	J	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	23.5 ft	VMP-1-23.5	11/2/2009	<3.8	U		<1.3	U		<2.6	U		<4.1	U		<1.5	U		<0.88	U					<1.2	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	<4.3	U		1.4			<3	U		<4.6	U		<1.7	U		<0.99	U					<1.3	U	
		VMP-1-23.5-111810	11/17/2010	0.011	J		0.0014	J		<0.0083	U		<0.013	U		<0.0048	U		<0.0027	U					0.0012	J	
		VMP-1-23.5-020411	2/4/2011	3	J		<3.7	U		<7.8	U		<12	U		<4.5	U		<2.6	U					<3.4	U	
		VMP-1-23.5-041211	4/12/2011	9.8	J		<6.1	U		<13	U		<20	U		<7.4	U		<4.2	U		1300			<22	U	
		VMP-1-23.5-041211-DUP	4/12/2011	8	J		<7.7	U		<16	U		<25	U		<9.3	U		<5.3	U		1700			<28	U	
		VMP-1-23.5-080111	8/1/2011	<120	U		<41	U		<86	U		<130	U		<50	U		<28	U		25000			<150	U	
		VMP-1-23.5-110611	11/6/2011	9.5	J		<9.7	U		<20	U		3.9	J		<12	U		<6.7	U		9400			6	J	
		VMP-1-23.5-013112	1/31/2012	<57	U		<19	U		<40	U		<250	U		<23	U		<13	U		7200			<71	U	
		VMP-1-23.5-041612	4/16/2012	0.68	J		<1.5	U		<3.2	U		<4.9	U		<1.8	U		<1	U		800			<5.6	U	
		VMP-1-23.5-071612	7/16/2012	<57	U		<19	U		<40	U		<62	U		<23	U		<13	U		11000			<71	U	
		VMP-1-23.5-102412	10/24/2012	<110	U		<38	U		<81	U		<120	U		<47	U		<27	U		4200			<140	U	
		VMP-1-23.5-012113	1/21/2013	<0.32	U	UJ	0.0088	J	J	<0.09	U	UJ	<0.14	U	UJ	<0.52	U	UJ	<0.03	U	UJ	12		J	<0.16	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	<150	U		14	J		<110	U		<170	U		<62	U		<36	U		33000			<190	U	
		VMP-1-23.5-050813	5/8/2013	<0.15	U		0.0069	J		<0.1	U		<0.16	U		<0.06	U		<0.034	U		3.7			<0.18	U	
		VMP-1-23.5-050813-Dup	5/8/2013	0.016	J		0.0062	J		<0.097	U		<0.15	U		<0.056	U		<0.032	U		4.2			<0.17	U	
		VMP-1-23.5-072913	7/29/2013	0.028	J		0.0015	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.0056	J		0.0058	J	
		VMP-1-23.5-110413	11/4/2013	0.011	J		0.00064	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.044			0.0073	J	
		VMP-1-23.5-020714	2/7/2014	0.0044	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-1-23.5-043014	4/30/2014	0.01	J		<0.0036	U		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0022	J	
		VMP-1-23.5-080714	8/7/2014	0.023	J		0.0013	J		<0.0081	U		<0.012	U		<0.047	J	U	<0.0027	U		<0.012	U		0.0048	J	
		VMP-1-23.5-103114	10/31/2014	0.0094	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-1-23.5-020915	2/9/2015	<0.029	U		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-1-23.5-050515	5/5/2015	0.023	J		0.00062	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0075	J	
		VMP-1-23.5-073015	7/30/2015	0.04			<0.0049	J	U	<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0069	J	
		VMP-1-23.5-110315	11/3/2015	0.017	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0054	J	
		VMP-1-23.5-020316	2/3/2016	<0.032	J	U	<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-1-23.5-050316	5/3/2016	0.013	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0042	J	
		VMP-1-23.5-050316-DUP	5/3/2016	0.014	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0037	J	
		VMP-1-23.5-072516	7/25/2016	0.026	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0061	J	
		VMP-1-23.5-072516-DUP	7/25/2016	0.02	J		0.0012	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP1-23.5-102816	10/28/2016	0.033			0.0025	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.012	J		0.007	J	
	38.5 ft	VMP-1-38.5	11/2/2009	<11	U		3.8			<7.5	U		<12	U		<4.3	U		420						<3.3	U	
		VMP-1-38.5-073112	7/31/2012	0.14			0.042			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U		0.0028	J		0.022		
		VMP-1-38.5-102612	10/26/2012	<6.2	U		0.71	J		<4.4	U		<6.7	U		<2.5	U		<1.4	U		4200			<7.7	U	
		VMP-1-38.5-012113	1/21/2013	0.02	J	J	0.01	J	J	<0.059	U	UJ	<0.091	U	UJ	0.024	J	J	<0.019	U	UJ	9.2		J	<0.1	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	<110	U		11	J		<80	U		<120	U		<46	U		<26	U		21000			<140	U	
		VMP-1-38.5-050913	5/9/2013	2000		J	<120	U		<260	U		<390	U		<1500	U		<84	U		74000			<450	U	
		VMP-1-38.5-020714	2/7/2014	0.017	J		0.022	J		<0.08	U		<0.12	U		<0.046	U		<0.026	U		4.5		J	<0.14	U	
		VMP-1-38.5-020714-Dup	2/7/2014	<0.12	U		0.029	J		<0.085	U		<0.13	U		<0.049	U		<0.028	U		6.5		J	<0.15	U	
		VMP-1-38.5-043014	4/30/2014	0.024	J		0.024	J		<0.082	U		<0.13	U		<0.48	U		<0.027	U		1.4			<0.14	U	
		VMP-1-38.5-080714	8/7/2014	<3	U		0.39	J		<2.1	U		<3.2	U		<1.2	U	UJ	<0.69	U	UJ	660			<3.7	U	
		VMP-1-38.5-103114	10/31/2014	<0.11	U		0.013	J		<0.081	U		<0.12	U		<0.047	U	UJ	<0.027	U		0.24			<0.14	U	
		VMP-1-38.5-020915	2/9/2015	2.3	J		0.45			<0.88	U		<1.4	U		0.33	J		<0.29	U		<1.2	U		0.38	J	
		VMP-1-38.5-020915-DUP	2/9/2015	1.6	J		0.23	J		<0.85	U		<1.3	U		<4.9	U		<0.28	U		<1.2	U		<1.5	U	
		VMP-1-38.5-050515	5/5/2015	0.42	J		<0.42	U		<0.89	U		<1.4	U		<0.51	U		<0.29	U		140			0.44	J	
		VMP-1-38.5-061515-R	6/15/2015	<0.14	U		0.012	J		<0.097	U		<0.15	U		<0.056	U		<0.032	U		8.8			<0.17	U	
		VMP-1-38.5-073015	7/30/2015	0.041			0.016			<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.011	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	5 ft	VMP-2-5	11/2/2009	<1.4	U		<0.46	U		<0.97	U		<1.5	U		<0.56	U		<0.32	U					<0.43	U	
		VMP - 2 - 5 - 083110	8/31/2010	<4.3	U		0.89	J		<3	U		<4.6	U		<1.7	U		<0.99	U					<1.3	U	
		VMP-2-5-111610	11/16/2010	<6.3	U		<2.1	U		<4.4	U		<6.8	U		<2.6	U		<1.5	U					<1.9	U	
		VMP-2-5-020411	2/4/2011	0.45	J		<0.55	U		<1.2	U		<1.8	U		<0.67	U		<0.38	U					<0.51	U	
		VMP-2-5-041311	4/13/2011	0.012	J		0.33			<0.0093	U		<0.014	U		<0.0054	U		<0.0031	U		0.1			<0.016	U	
		VMP-2-5-080211	8/2/2011	<14	U		<4.6	U		<9.7	U		<15	U		<5.6	U		<3.2	U		2200			<17	U	
		VMP-2-5-110711	11/7/2011	0.02			0.0025	J		<0.0057	U		<0.0088	J	U	<0.0033	U		<0.0019	U		<0.0081	U		0.0051	J	
		VMP-2-5-012512	1/25/2012	3.8			0.23	J		<0.65	U		<1	U		<0.38	U		<0.21	U		<0.92	U		0.98	J	
		VMP-2-5-042512	4/25/2012	0.055	J		0.18			<0.026	U		<0.039	U		<0.15	U		<0.0084	U		0.066			0.047		
		VMP-2-5-071612	7/16/2012	0.12			0.067			<0.0062	U		<0.0096	U		<0.036	U	UJ	<0.002	U		0.4			0.066		
		VMP-2-5-102412	10/24/2012	0.077			0.17			<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.012	J		0.034		
		VMP-2-5-013113	1/31/2013	0.013	J		0.0026	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.023			<0.016	U	
		VMP-2-5-050613	5/6/2013	0.11			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.01	J	
		VMP-2-5-022614	2/26/2014	0.01	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0039	J	
		VMP-2-5-050114	5/1/2014	0.013	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-2-5-111014	11/10/2014	0.017	J		0.00092	J		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.098			<0.013	U	
		VMP-2-5-021015	2/10/2015	0.016	J		0.0022	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0055	J	
		VMP-2-5-050615	5/6/2015	0.019	J		0.0019	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.018		
		VMP-2-5-110415	11/4/2015	0.02	J		0.003	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0061	J	
		VMP-2-5-020116	2/1/2016	0.012	J		0.00072	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0056	J		0.0022	J	
		VMP-2-5-042716	4/27/2016	0.0087	J		<0.005	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		<0.018	U	
		VMP-2-5-072616	7/26/2016	0.011	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-2-5-102616	10/26/2016	0.017	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
	8.5 ft	VMP-2-8.5	11/3/2009	<0.48	U		<0.16	U		<0.34	U		<0.53	U		<0.2	U		<0.11	U					<0.15	U	
		VMP-2-8.5-D	11/3/2009	<0.51	U		<0.17	U		<0.36	U		<0.56	U		<0.21	U		<0.12	U					<0.16	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	<4.4	U		1.4			<3.1	U		<4.8	U		<1.8	U		<1	U					<1.4	U	
		VMP-2-8.5-111610	11/16/2010	<12	U		<4	U		<8.4	U		<13	U		<4.9	U		<2.8	U					<3.7	U	
		VMP-2-8.5-020411	2/4/2011	0.56	J		<1.4	U		<2.9	U		<4.4	U		<1.7	U		<0.95	U					<1.3	U	
		VMP-2-8.5-041311	4/13/2011	<1.2	U		1.1			<0.88	U		<1.4	U		0.24	J		<0.29	U		1.5			<1.6	U	
		VMP-2-8.5-080211	8/2/2011	12	J		<17	U		<36	U		<55	U		<20	U		<12	U		4200			<62	U	
		VMP-2-8.5-110711	11/7/2011	<0.11	U		<0.036	U		<0.076	U		<0.12	U		<0.044	U		<0.025	U		<0.11	U		<0.13	U	
		VMP-2-8.5-012612	1/26/2012	<4.8	U		0.53	J		<3.4	U		<21	U		<2	U		<1.1	U		320			<6	U	
		VMP-2-8.5-012612-DUP	1/26/2012	0.37	J	J	0.79	J		<3.4	U		<21	U		<2	U		<1.1	U		370		J	<6	U	
		VMP-2-8.5-041612	4/16/2012	0.018	J		0.012			<0.0066	U		<0.01	U		<0.038	U		<0.0022	U		0.03		J	0.0056	J	
		VMP-2-8.5-041612-Dup	4/16/2012	0.032			0.013			<0.0067	U		<0.01	U		<0.039	U		<0.0022	U		0.0096		J	0.0062	J	
		VMP-2-8.5-071612	7/16/2012	0.047			0.087			<0.0075	U		<0.012	U		<0.043	U	UJ	<0.0025	U		0.077		J	0.024		
		VMP-2-8.5-071612-Dup	7/16/2012	0.071			0.084			<0.0062	U		<0.0095	U		0.0039	J	J	<0.002	U		0.02		J	0.028		
		VMP-2-8.5-102312	10/23/2012	0.052			0.014			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.58			0.01	J	
		VMP-2-8.5-020513	2/5/2013	0.006	J		0.0022	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.038			<0.017	U	
		VMP-2-8.5-050613	5/6/2013	0.013	J		0.008			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-2-8.5-050613-Dup	5/6/2013	0.01	J		0.0064			<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-2-8.5-022614	2/26/2014	0.0088	J		0.0072			<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-2-8.5-050114	5/1/2014	0.031			0.0028	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.02			<0.015	U	
		VMP-2-8.5-081514	8/15/2014	0.021	J		<0.0051	U		0.0021	J		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.0062	J	
		VMP-2-8.5-081514-DUP	8/15/2014	0.021	J		<0.0053	U		0.0025	J		<0.017	U		<0.065	U		<0.0037	U		<0.016	U		0.0048	J	
		VMP-2-8.5-111014	11/10/2014	0.015	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0033	J	
		VMP-2-8.5-021015	2/10/2015	0.018	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-2-8.5-050615	5/6/2015	0.017	J		0.0023	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.018		
		VMP-2-8.5-110415	11/4/2015	0.04			0.0022	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.019		
		VMP-2-8.5-021616	2/16/2016	0.07			<0.0051	U		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.014	J	
		VMP-2-8.5-042716	4/27/2016	0.017	J		0.0025	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0031	J	
		VMP-2-8.5-072616	7/26/2016	0.14			0.0015	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.025		
		VMP-2-8.5-102616	10/26/2016	0.0097	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	22 ft	VMP-2-22	11/3/2009	<2.7	U		<0.89	U		<1.9	U		<2.9	U		<1.1	U		<0.62	U					<0.82	U	
		VMP - 2 - 22 - 083110	8/31/2010	<6.7	U		1.7	J		<4.7	U		<7.3	U		<2.7	U		<1.6	U					<2.1	U	
		VMP-2-22-111610	11/16/2010	<12	U		<4.2	U		<8.8	U		<14	U		<5.1	U		<2.9	U					<3.9	U	
		VMP-2-22-020411	2/4/2011	1.4	J		0.75	J		<4	U		<6.2	U		<2.3	U		<1.3	U					<1.8	U	
		VMP-2-22-041311	4/13/2011	<16	U		1	J		<12	U		<18	U		<6.8	U		<3.9	U		410			<20	U	
		VMP-2-22-080211	8/2/2011	<67	U		<22	U		<47	U		<73	U		<27	U		<16	U		4900			<83	U	
		VMP-2-22-110711	11/7/2011	29		J	0.24	J		<2.5	U		<3.9	U		<1.4	U		<0.83	U		230			0.37	J	
		VMP-2-22-012612	1/26/2012	<7.4	U		0.74	J	J	<5.2	U		<32	U		<3	U		<1.7	U		500		J	<9.1	U	
		VMP-2-22-042712	4/27/2012	0.014	J		0.079			<0.0054	U		<0.0083	U		0.0056	J		<0.0018	U		0.0086			0.015		
		VMP-2-22-071612	7/16/2012	0.13			0.19			<0.0064	U		<0.0098	U		0.0012	J	J	<0.0021	U		0.042			0.054		
		VMP-2-22-102312	10/23/2012	0.055			0.0066			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.079			0.006	J	
		VMP-2-22-013113	1/31/2013	0.01	J		0.0018	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0043	J		<0.016	U	
		VMP-2-22-050613	5/6/2013	0.011	J		0.015			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-2-22-081213	8/12/2013	0.043			0.069			<0.01	U		<0.016	U		<0.06	U		<0.0034	U	UJ	0.02			0.0099	J	
		VMP-2-22-111513	11/15/2013	0.011	J		0.0069			<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0093	J	
		VMP-2-22-022614	2/26/2014	0.019	J		<0.004	J	U	<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0044	J	
		VMP-2-22-050114	5/1/2014	0.021	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0055	J	
		VMP-2-22-081414	8/14/2014	0.016	J		<0.005	U		0.0027	J		<0.016	U		<0.06	U		<0.0034	U	UJ	<0.015	U		0.0027	J	
		VMP-2-22-111014	11/10/2014	0.014	J		0.0016	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0069	J		0.0099	J	
		VMP-2-22-021015	2/10/2015	0.016	J		0.0017	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0052	J		<0.015	U	
		VMP-2-22-021015-DUP	2/10/2015	0.006	J		0.0014	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-2-22-050615	5/6/2015	0.08			<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.018		
		VMP-2-22-073015	7/30/2015	0.043			0.0024	J		0.0032	J		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.011	J	
		VMP-2-22-110415	11/4/2015	0.035			<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.015	J	
		VMP-2-22-020116	2/1/2016	0.026	J		0.0016	J		0.0019	J		<0.014	U		<0.055	U		<0.0031	U		0.006	J		0.0041	J	
		VMP-2-22-020116-DUP	2/1/2016	0.023	J		<0.0046	U		0.002	J		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0024	J	
		VMP-2-22-042716	4/27/2016	0.033	J		0.00076	J		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.0041	J	
		VMP-2-22-072616	7/26/2016	0.0073	J		<0.0046	U		0.0017	J		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-2-22-102616	10/26/2016	0.031	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0093	J	
	42 ft	VMP-2-42	11/3/2009	<52	U		84			<37	U		<57	U		<21	U		<12	U					<16	U	
		VMP-2-42-013113	1/31/2013	350			<42	U		<87	U		<130	U		<500	U		<29	U		20000			<150	U	
		VMP-2-42-050613	5/6/2013	880		J	7.7	J		<37	U		<57	U		<210	U		<12	U		15000			<65	U	
		VMP-2-42-022614	2/26/2014	<120	U		<39	U		<82	U		<130	U		<48	U		<27	U		41000			<140	U	
		VMP-2-42-050114	5/1/2014	<11	U		3.5	J		<7.6	U		<12	U		<4.4	U		<2.5	U		25000			<13	U	
		VMP-2-42-081414	8/14/2014	<53	U		3.9	J		<38	U		<58	U		<22	U	UJ	<12	U	UJ	13000			<66	U	
		VMP-2-42-021015	2/10/2015	<11	U		15			<8	U		<12	U		<4.6	U		<2.6	U		36000			<14	U	
		VMP-2-42-050615	5/6/2015	<160	U		28	J		<110	U		<180	U		<66	U		<38	U		44000			<200	U	
		VMP-2-42-061515-R	6/15/2015	<130	U		39	J		<91	U		<140	U		<53	U		<30	U		75000	E	J	<160	U	
		VMP-2-42-073015	7/30/2015	310	J		51	J		<540	U		<840	U		<3100	U		<180	U	UJ	48000		J	<960	U	
VMP-3	5 ft	VMP-3-5	11/3/2009	<0.051	U		<0.017	U		<0.036	U		<0.056	U		<0.021	U		<0.012	U					<0.016	U	
		VMP-3-5-090910	9/9/2010	<13	U		7.8			<8.9	U		<14	U		<5.2	U		<2.9	U					<3.9	U	
		VMP-3-5-112210	11/22/2010	3.1	J		2.8	J		<9	U		<14	U		<5.2	U		<3	U					<4	U	
		VMP-3-5-020911	2/9/2011	<5.7	U		<1.9	U		<4	U		<6.2	U		<2.3	U		<1.3	U					<1.8	U	
		VMP-3-5-041411	4/14/2011	<62	U		<21	U		<44	U		<67	U		<25	U		<14	U		9600			<77	U	
		VMP-3-5-080211	8/2/2011	<0.015	U		0.15			<0.01	U		<0.016	U		<0.006	U		<0.0034	U		0.1			0.018		
		VMP-3-5-110811	11/8/2011	0.025			0.00065	J		<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U		<0.0081	U		0.0046	J	
		VMP-3-5-110811-DUP	11/8/2011	0.018			0.0006	J		<0.0059	U		<0.009	U		<0.0034	U		<0.0019	U		0.0091			0.0036	J	
		VMP-3-5-012712	1/27/2012	<4.2	U		0.63	J		<2.9	U		<18	U		<1.7	U		<0.97	U		460			<5.2	U	
		VMP-3-5-041912	4/19/2012	0.078			0.086			<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U		0.007	J		0.068		
		VMP-3-5-072712	7/27/2012	0.11			0.13			0.00097	J		<0.01	U		<0.039	U		<0.0022	U		0.0047	J		0.026		
		VMP-3-5-060413	6/4/2013	0.014	J		0.0019	J		0.0072	J		<0.016	U		<0.062	U		0.0018	J		0.034			0.0076	J	
		VMP-3-5-072913	7/29/2013	0.022	J		0.001	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		0.081			0.007	J	
		VMP-3-5-110613	11/6/2013	0.017	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.092			0.01	J	
		VMP-3-5-021314	2/13/2014	0.014	J		0.004			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-3-5-050214	5/2/2014	0.0084	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0026	J	
		VMP-3-5-081214	8/12/2014	0.062	J		0.032			<0.018	U		<0.028	U		<0.1	J	U	<0.006	U		0.78			0.017	J	
		VMP-3-5-103114	10/31/2014	0.014	J		0.0013	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-3-5-020915	2/9/2015	0.0076	J		<0.0039	U		0.0017	J		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-3-5-050415	5/4/2015	0.038			0.0037	J		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		<0.014	U		0.021		
		VMP-3-5-072915	7/29/2015	0.03	J		0.0039	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.011	J		0.012	J	
		VMP-3-5-110515	11/5/2015	0.024	J		0.0013	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.016			0.019		
		VMP-3-5-021616	2/16/2016	0.048			0.001	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.014			0.0086	J	
		VMP-3-5-042716	4/27/2016	0.01	J		0.0038	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.0061	J		0.01	J	
		VMP-3-5-080116	8/1/2016	0.019	J		<0.0062	U		<0.013	U		<0.02	U		<0.076	U		<0.0043	U		<0.018	U		<0.023	U	
		VMP-3-5-102616	10/26/2016	0.023	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0074	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10	6/21/2010	<14	U		8.6			<10	U		<16	U		<5.9	U		<3.4	U					<4.5	U	
		VMP 3-10-091010	9/10/2010	8.9	J		14			<28	U		<44	U		<16	U		<9.4	U					<12	U	
		VMP-3-10-092010	9/20/2010	<29	U		9	J		<21	U		<32	U		<12	U		<6.8	U					<9.1	U	
		VMP-3-10-112210	11/22/2010	<12	U		18			<8.8	U		<14	U		<5.1	U		<2.9	U					<3.9	U	
		VMP-3-10-112210-Dup	11/22/2010	<17	U		15			<12	U		<19	U		<7.1	U		<4.1	U					<5.4	U	
		VMP-3-10-020811	2/8/2011	6.7	J		13			<13	U		<20	U		<7.5	U		<4.3	U					<5.7	U	
		VMP-3-10-041311	4/13/2011	<110	U		<36	U		<75	U		<120	U		<44	U		<25	U		19000			<130	U	
		VMP-3-10-080311	8/3/2011	<0.13	U		0.068			<0.095	U		<0.15	U		<0.055	U		<0.031	U		26	E	J	<0.17	U	
		VMP-3-10-110811	11/8/2011	0.068		J	0.0011	J		<0.0078	U		<0.012	U		0.002	J		<0.0026	U		0.31			0.0056	J	
		VMP-3-10-012712	1/27/2012	<0.08	J	U	0.091			<0.056	U		<0.35	U		<0.033	U		<0.018	U		6.9			<0.099	U	
		VMP-3-10-042012	4/20/2012	0.023			0.027			<0.0057	J	U	0.0019	J		<0.033	U		<0.0019	U		0.047			0.025		
		VMP-3-10-072312	7/23/2012	0.078			0.0049			<0.0067	U		<0.01	U		<0.039	U		<0.0022	U		0.06			0.013		
		VMP-3-10-101812	10/18/2012	0.029	J		0.066			<0.01	U		<0.016	U		<0.059	U		<0.0034	U		0.0048	J		0.008	J	
		VMP-3-10-020613	2/6/2013	0.012	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-3-10-060413	6/4/2013	0.026	J		0.016			<0.01	U		<0.016	U		<0.058	U		0.0018	J		0.038			0.0095	J	
		VMP-3-10-072913	7/29/2013	0.045			0.0039	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.0075	J		0.03		
		VMP-3-10-110613	11/6/2013	<0.032	U		0.0026	J		0.02			<0.014	U		<0.052	U		<0.003	U		0.8			0.025		
		VMP-3-10-022814	2/28/2014	0.01	J		0.0018	J		0.007	J		<0.012	U		<0.046	U		<0.0026	U		0.0045	J		<0.014	U	
		VMP-3-10-022814-Dup	2/28/2014	0.01	J		0.002	J		0.007	J		<0.012	U		<0.044	U		<0.0025	U		0.0054	J		<0.014	U	
		VMP-3-10-050214	5/2/2014	0.0056	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0075	J		0.0022	J	
		VMP-3-10-081214	8/12/2014	0.068			0.014			0.0055	J		<0.016	U		<0.059	J	U	<0.0034	U		0.76			0.024		
		VMP-3-10-103114	10/31/2014	0.025	J		0.0021	J		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0077	J	
		VMP-3-10-020915	2/9/2015	0.013	J		0.0015	J		0.0044	J		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-3-10-050415	5/4/2015	0.032	J		0.0059			<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.028		
		VMP-3-10-072915	7/29/2015	0.077			0.0031	J		0.0026	J		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.018		
		VMP-3-10-110315	11/3/2015	0.022	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0081	J		0.0085	J	
		VMP-3-10-021616	2/16/2016	0.025	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0057	J	
		VMP-3-10-042716	4/27/2016	0.026	J		0.0017	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		0.0068	J		0.015	J	
		VMP-3-10-080216	8/2/2016	0.079			0.0023	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.018		
		VMP-3-10-102616	10/26/2016	0.033	J		0.0023	J		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		0.0058	J	
	22 ft	VMP-3-22	11/4/2009	<37	U		52			<26	U		<40	U		<15	U		<8.6	U					<11	U	
		VMP-3-22-092010	9/20/2010	<39	U		34			<27	U		<42	U		<16	U		<9	U					<12	U	
		VMP-3-22-112210	11/22/2010	<44	U		36			<31	U		<48	U		<18	U		<10	U					<14	U	
		VMP-3-22-020811	2/8/2011	14	J		26			<15	U		<24	U		<8.9	U		<5.1	U					<6.8	U	
		VMP-3-22-041511	4/15/2011	<120	U		26	J		<83	U		<130	U		<48	U		<27	U		24000			<150	U	
		VMP-3-22-080611	8/6/2011	0.075	J		0.22			<0.13	U		<0.2	U		<0.077	U		<0.044	U		18			<0.23	U	
		VMP-3-22-110811	11/8/2011	0.037		J	0.003			<0.0059	U		<0.009	U		<0.0034	U		<0.0019	U		0.13			0.0051	J	
		VMP-3-22-013012	1/30/2012	0.033			0.12			<0.023	U		<0.036	U		<0.014	U		<0.0077	U		1.9			0.018	J	
		VMP-3-22-042012	4/20/2012	0.025			0.028			<0.0059	U		<0.009	U		<0.034	J	U	<0.0019	U		0.052			0.025		
		VMP-3-22-072312	7/23/2012	0.051			0.0093			<0.0066	U		<0.01	U		<0.038	U		<0.0022	U		0.012			0.0079	J	
		VMP-3-22-101812	10/18/2012	0.034	J		0.14			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.018			0.013	J	
		VMP-3-22-020613	2/6/2013	0.019	J		0.052			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.006	J		<0.017	U	
		VMP-3-22-060413	6/4/2013	0.074			0.0026	J		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		0.0085	J		0.012	J	
		VMP-3-22-060413-Dup	6/4/2013	0.017	J		0.0021	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.008	J		0.0035	J	
		VMP-3-22-072913	7/29/2013	0.022	J		0.0014	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.026			0.0084	J	
		VMP-3-22-110613	11/6/2013	0.071			0.00096	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.02		
		VMP-3-22-110613-Dup	11/6/2013	0.021	J		0.0017	J		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.023		
		VMP-3-22-021314	2/13/2014	0.006	J		0.0031	J		0.0016	J		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-3-22-050214	5/2/2014	0.0086	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.002	J	
		VMP-3-22-081214	8/12/2014	0.017	J		0.0013	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-3-22-103114	10/31/2014	0.014	J		0.0021	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0052	J	
		VMP-3-22-020915	2/9/2015	<0.029	U		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-3-22-050815	5/8/2015	0.039			0.0025	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0049	J		0.029		
		VMP-3-22-072915	7/29/2015	0.032	J		0.005			<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.04			0.019		
		VMP-3-22-110315	11/3/2015	0.025	J		0.0012	J		<0.0087	U		<0.013	U		0.0021	J		<0.0029	U		0.0053	J		0.0098	J	
		VMP-3-22-021616	2/16/2016	0.016	J		<0.0046	U		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		0.0039	J		0.0035	J	
		VMP-3-22-042716	4/27/2016	0.015	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0077	J	
		VMP-3-22-080116	8/1/2016	0.038	J		0.006			<0.012	U		<0.018	U		<0.068	U		<0.0039	U		0.017	J		0.0084	J	
		VMP-3-22-102616	10/26/2016	0.012	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	31.5 ft	VMP-3-31.5	11/4/2009	<59	U		240			<42	U		<64	U		<24	U		<14	U					<18	U	
		VMP-3-31.5-090910	9/9/2010	<72	U		210			<51	U		<78	U		<30	U		<17	U					<22	U	
		VMP-3-31.5-112210	11/22/2010	<50	U		180			<36	U		<55	U		<20	U		<12	U					<16	U	
		VMP-3-31.5-020911	2/9/2011	<48	U		100			<34	U		<52	U		<20	U		<11	U					<15	U	
		VMP-3-31.5-041411	4/14/2011	<400	U		100	J		<280	U		<430	U		<160	U		<92	U		68000			<490	U	
		VMP-3-31.5-041411-DUP	4/14/2011	<400	U		89	J		<280	U		<430	U		<160	U		<92	U		63000			<490	U	
		VMP-3-31.5-080211	8/2/2011	<890	U		86	J		<630	U		<970	U		<360	U		<210	U		98000			<1100	U	
		VMP-3-31.5-080211-Dup	8/2/2011	<520	U		110	J		<370	U		<570	U		<210	U		<120	U		91000			<650	U	
		VMP-3-31.5-110811	11/8/2011	180		J	5.9	J		<15	U		<23	U		<8.5	U		<4.8	U		3300			5	J	
		VMP-3-31.5-012712	1/27/2012	12	J	J	27	J	J	<93	U		<570	U		<54	U		<31	U		13000		J	<160	U	
		VMP-3-31.5-041912	4/19/2012	<230	U		<76	U		<160	U		<250	U		<93	U		<53	U		44000			<280	U	
		VMP-3-31.5-041912-Dup	4/19/2012	<220	U		<73	U		<150	U		<240	U		<89	U		<51	U		47000			<270	U	
		VMP-3-31.5-072312	7/23/2012	<54	U		<18	U		<38	U		<59	U		<22	U		<13	U		14000			<67	U	
		VMP-3-31.5-101912	10/19/2012	<4.4	U		0.32	J		<3.1	U		<4.8	U		<1.8	U		<1	U		100			<5.4	U	
		VMP-3-31.5-020713	2/7/2013	<24	U		<8.2	U		<17	U		<27	U		<10	U		<5.7	U		3000			<30	U	
		VMP-3-31.5-060413	6/4/2013	<13	U		3.9	J		<9.5	U		<15	U		<5.5	U		<3.1	U		1200			<17	U	
		VMP-3-31.5-072913	7/29/2013	5.2	J		1.2	J		<9.9	U		<15	U		4.2	J		<3.3	U		320			<17	U	
		VMP-3-31.5-110613	11/6/2013	<0.6	U		0.08	J		<0.42	U		<0.65	U		<0.24	U		<0.14	U		28			<0.74	U	
		VMP-3-31.5-022114	2/21/2014	<0.12	U		0.003	J		<0.033	U		<0.051	U		<0.19	U		0.0054	J		0.088			<0.058	U	
		VMP-3-31.5-050214	5/2/2014	1.2	J		0.1	J		<0.42	U		<0.66	U		<2.5	U		<0.14	U		<0.6	U		0.33	J	
		VMP-3-31.5-081214	8/12/2014	0.046			0.0051			<0.009	U		<0.014	U		<0.052	J	U	<0.003	U		0.26			0.0092	J	
		VMP-3-31.5-103114	10/31/2014	0.01	J		0.0022	J		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		0.08			<0.015	U	
		VMP-3-31.5-020915	2/9/2015	0.006	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-3-31.5-110315	11/3/2015	0.061			0.0034	J		<0.0086	U		<0.013	U		0.0029	J		<0.0028	U		0.076			0.049		
		VMP-3-31.5-020116	2/1/2016	0.027	J		0.0023	J		<0.011	U		<0.017	U		<0.065	U		<0.0037	U		0.048			0.0058	J	
		VMP-3-31.5-042716	4/27/2016	0.022	J		0.0022	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.064			0.0045	J	
		VMP-3-31.5-080116	8/1/2016	0.044			0.0031	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		0.075			0.0093	J	
		VMP-3-31.5-102616	10/26/2016	0.03			0.0028	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.051			0.007	J	
	39 ft	VMP-3-39	11/4/2009	<120	U		240			<83	U		<130	U		<48	U		<27	U					<36	U	
		VMP-3-39-101912	10/19/2012	<440	U		47	J		<310	U		<480	U		<180	U		<100	U		22000			<540	U	
		VMP-3-39-021213	2/12/2013	<120	U		20	J		<88	U		<140	U		<51	U		<29	U		18000			<160	U	
		VMP-3-39-060413	6/4/2013	<13	U		11			<9.2	U		<14	U		<5.3	U		<3	U		1700			<16	U	
		VMP-3-39-072913	7/29/2013	4.8	J		0.82	J		<7.9	U		<12	U		3.6	J		<2.6	U		230			<14	U	
		VMP-3-39-110613	11/6/2013	<12	U		24			<8.4	U		<13	U		<4.9	U		<2.8	U		30000			<15	U	
		VMP-3-39-022114	2/21/2014	<110	U		29	J		<81	U		<120	U		<47	U		<27	U		32000			<140	U	
		VMP-3-39-050214	5/2/2014	<2.6	U		0.74	J		<1.8	U		<2.8	U		<1	U		<0.6	U		880			<3.2	U	
		VMP-3-39-050214-Dup	5/2/2014	0.87	J		0.58	J		<3.8	U		<5.9	U		<2.2	U		<1.3	U		870			<6.8	U	
		VMP-3-39-081214	8/12/2014	<7.4	U		1.2	J		<5.2	U		<8	U		<3	U	UJ	<1.7	U	UJ	1800			<9.1	U	
		VMP-3-39-103114	10/31/2014	<0.68	U		0.41			<0.48	U		<0.74	U		<0.28	U		<0.16	U		610			<0.85	U	
		VMP-3-39-020915	2/9/2015	<94	U		<13	U		<27	U		<41	U		<150	U		<8.8	U		2100			<47	U	
		VMP-3-39-110315	11/3/2015	0.034			<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		0.03			0.012	J	
		VMP-3-39-020116	2/1/2016	0.014	J		0.0022	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.021			0.002	J	
		VMP-3-39-020116-DUP	2/1/2016	0.013	J		0.0026	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.023			<0.016	U	
VMP-4	5 ft	VMP-4-5	11/5/2009	<0.12	U		<0.04	U		<0.085	U		<0.13	U		<0.049	U		<0.028	U					<0.037	U	
		VMP-4-5-082510	8/25/2010	<0.68	U		0.27			<0.48	U		<0.74	U		<0.28	U		<0.16	U					<0.21	U	
		VMP-4-5-112210	11/22/2010	<26	U		41			<18	U		<28	U		<10	U		<6	U					<7.9	U	
		VMP-4-5-021411	2/14/2011	<1.5	U		2.3			<1	U		<1.6	U		<0.61	U		<0.35	U					<0.46	U	
		VMP-4-5-041911	4/19/2011	<69	U		22	J		<48	U		<75	U		<28	U		<16	U		7000			<86	U	
		VMP-4-5-080311	8/3/2011	<0.15	U		0.1			<0.1	U		<0.16	U		<0.06	U		<0.034	U		1.3			<0.18	U	
		VMP-4-5-110911	11/9/2011	0.03		J	0.0018	J		<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U		0.011			0.0024	J	
		VMP-4-5-013012	1/30/2012	0.12	J	J	0.23		J	<0.29	U		<0.45	U		<0.17	U		<0.097	U		14		J	<0.52	U	
		VMP-4-5-042512	4/25/2012	0.04			0.31			<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		0.071			0.035		
		VMP-4-5-072512	7/25/2012	0.12			0.28			<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.012			0.034		
		VMP-4-5-101812	10/18/2012	0.022	J		0.31			<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.0038	J		0.007	J	
		VMP-4-5-020713	2/7/2013	0.0076	J		0.0057			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0068	J		<0.014	U	
		VMP-4-5-050913	5/9/2013	0.047			0.0026	J		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		0.025			0.018	J	
		VMP-4-5-080113	8/1/2013	0.045			0.0014	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		0.009	J		0.0062	J	
		VMP-4-5-120313-R	12/3/2013	0.012	J		0.0017	J		<0.0097	U		<0.015	U		<0.056	J	U	<0.0032	U		<0.014	U		<0.017	U	
		VMP-4-5-022714	2/27/2014	0.0062	J		0.00066	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.57			<0.013	U	
		VMP-4-5-050214	5/2/2014	0.014	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.002	J	
		VMP-4-5-081514	8/15/2014	0.035			0.0013	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0088	J	
		VMP-4-5-021015	2/10/2015	0.0077	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0052	J		<0.015	U	
		VMP-4-5-110215	11/2/2015	0.04			<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0058	J	
		VMP-4-5-020316	2/3/2016	<0.03	J	U	<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0052	J	
		VMP-4-5-050516	5/5/2016	0.12	J		0.03	J		<0.39	U		<0.6	U		<2.3	U		<0.13	U		26			<0.69	U	
		VMP-4-5-080216	8/2/2016	0.026	J		0.0013	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0078	J		0.0055	J	
		VMP-4-5-102816	10/28/2016	0.026	J		0.001	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0072	J	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	12 ft	VMP-4-12	11/5/2009	<2	U		3.2			<1.4	U		<2.2	U		<0.82	U		<0.47	U					<0.62	U	
		VMP-4-12-082510	8/25/2010	<12	U		28			<8.4	U		<13	U		<4.9	U		<2.8	U					<3.7	U	
		VMP-4-12-112310	11/23/2010	<12	U		15			<8.6	U		<13	U		<5	U		<2.8	U					<3.8	U	
		VMP-4-12-021411	2/14/2011	<3.1	U		5.2			<2.2	U		<3.3	U		<1.2	U		<0.72	U					<0.96	U	
		VMP-4-12-041911	4/19/2011	<59	U		38			<42	U		<65	U		<24	U		<14	U		7200			<74	U	
		VMP-4-12-080311	8/3/2011	<6.8	U		8.4			<4.8	U		<7.4	U		<2.8	U		<1.6	U		1400			<8.5	U	
		VMP-4-12-080311-Dup	8/3/2011	<14	U		6.4			<9.7	U		<15	U		<5.6	U		<3.2	U		1200			<17	U	
		VMP-4-12-110911	11/9/2011	15		J	0.46	J		<1.5	U		<2.3	U		<0.85	U		<0.48	U		100			<2.6	U	
		VMP-4-12-013012	1/30/2012	<4.2	U		3.4			<3	U		<4.6	U		<1.7	U		<0.99	U		280			<5.3	U	
		VMP-4-12-041812	4/18/2012	0.04			0.068			<0.0067	U		<0.01	U		<0.039	U		<0.0022	U		0.0056	J		0.058		
		VMP-4-12-072312	7/23/2012	0.066	J		0.02			<0.033	U		<0.05	U		<0.19	U		<0.011	U		0.19			<0.057	U	
		VMP-4-12-101812	10/18/2012	0.038			0.004	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		0.011	J		0.0043	J	
		VMP-4-12-101812-Dup	10/18/2012	0.035	J		0.0038	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.011	J		<0.018	U	
		VMP-4-12-020713	2/7/2013	0.0077	J		0.0069			<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.025			<0.016	U	
		VMP-4-12-020713-DUP	2/7/2013	0.012	J		0.013			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.03			<0.016	U	
		VMP-4-12-050913	5/9/2013	0.063	J		0.0023	J		<0.02	U		<0.031	U		<0.12	U		<0.0066	U		1.5			<0.035	U	
		VMP-4-12-080113	8/1/2013	0.04			0.0018	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0056	J	
		VMP-4-12-120313-R	12/3/2013	0.042			0.0029	J		<0.0093	U		<0.014	U		<0.054	J	U	<0.0031	U		0.045			<0.016	U	
		VMP-4-12-022714	2/27/2014	0.0068	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		0.066			<0.014	U	
		VMP-4-12-050214	5/2/2014	0.0059	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-4-12-081414	8/14/2014	0.025	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U	UJ	<0.013	U		0.0042	J	
		VMP-4-12-021015	2/10/2015	0.0055	J		0.014			<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-4-12-051115	5/11/2015	0.021	J		0.0069			<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.0048	J		0.0049	J	
		VMP-4-12-080315	8/3/2015	0.035	J		<0.0048	J	U	0.0031	J		<0.016	U		<0.059	U		<0.0033	U		<0.014	U		0.0073	J	
		VMP-4-12-110215	11/2/2015	0.019	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0036	J	
		VMP-4-12-020316	2/3/2016	<0.03	J	U	<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.0062	J		<0.015	U	
		VMP-4-12-050316	5/3/2016	0.016	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0043	J		0.0062	J	
		VMP-4-12-080216	8/2/2016	0.038	J		<0.0052	U		<0.011	U		<0.017	U		<0.064	U		<0.0036	U		<0.016	U		0.0094	J	
		VMP-4-12-102816	10/28/2016	0.017	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
	23.5 ft	VMP-4-23.5	11/5/2009	<92	U		540			<65	U		<100	U		<38	U		<21	U					<29	U	
		VMP - 4 - 23.5 - 083110	8/31/2010	<14	U		490		J	<9.7	U		<15	U		<5.6	U		<3.2	U					<4.3	U	
		VMP-4-23.5-112310	11/23/2010	<140	U		510			<97	U		<150	U		<56	U		<32	U					<43	U	
		VMP-4-23.5-021411	2/14/2011	<5	U		340		J	<3.6	U		<5.5	U		<2	U		<1.2	U					<1.6	U	
		VMP-4-23.5-042011	4/20/2011	<320	U		440			<220	U		<350	U		<130	U		<74	U		72000			<400	U	
		VMP-4-23.5-042011-DUP	4/20/2011	58	J		410			<220	U		<350	U		<130	U		<74	U		70000			<400	U	
		VMP-4-23.5-080611	8/6/2011	<13	U		280			<9.4	U		<14	U		<5.4	U		<3.1	U		56000			<16	U	
		VMP-4-23.5-110911	11/9/2011	1800		J	89			<28	U		<43	U		<16	U		<9.3	U		25000			<50	U	
		VMP-4-23.5-013012	1/30/2012	<85	U		570		J	<60	U		<92	U		<35	U		<20	U		16000		J	<100	U	
		VMP-4-23.5-013012-DUP	1/30/2012	<59	U		420		J	<42	U		<65	U		<24	U		<14	U		15000			<74	U	
		VMP-4-23.5-041912	4/19/2012	5.4	J		44			<13	U		<20	U		<7.6	U		<4.3	U		1500			<23	U	
		VMP-4-23.5-072312	7/23/2012	<8.9	U		56			<6.3	U		<9.7	U		<3.6	U		<2.1	U		770			<11	U	
		VMP-4-23.5-101812	10/18/2012	<9.8	U		1.6	J		<6.9	U		<11	U		<4	U		<2.3	U		150			<12	U	
		VMP-4-23.5-020713	2/7/2013	<3.1	U		0.28	J		<2.2	U		<3.4	U		<1.3	U		<0.73	U		150			<3.9	U	
		VMP-4-23.5-051513	5/15/2013	<3.7	U		9.9			<2.6	U		<4	U		<1.5	U		<0.86	U		320			<4.6	U	
		VMP-4-23.5-080113	8/1/2013	3.9	J		7.2			<9.7	U		<15	U		<5.6	U		<3.2	U		360			<17	U	
		VMP-4-23.5-080113-Dup	8/1/2013	<14	U		7.8			<9.7	U		<15	U		<5.6	U		<3.2	U		300			<17	U	
		VMP-4-23.5-110713	11/7/2013	<2.3	U		1.8			<1.6	U		<2.5	U		<0.94	U		<0.53	U		160			<2.8	U	
		VMP-4-23.5-022714	2/27/2014	<0.43	U		0.48			<0.3	U		<0.47	U		<0.18	U		<0.1	U		68			<0.54	U	
		VMP-4-23.5-050214	5/2/2014	<1	U		4			<0.74	U		<1.1	U		<0.43	U		<0.24	U		100			<1.3	U	
		VMP-4-23.5-081314	8/13/2014	0.37	J		28			<0.19	U		<0.29	U		<1.1	U		<0.063	U	UJ	13			0.12	J	
		VMP-4-23.5-090414-R	9/4/2014	0.27	J		<0.19	U		<0.4	U		<0.62	U		<2.3	U		<0.13	U		46			<0.7	U	
		VMP-4-23.5-110714	11/7/2014	<0.63	U		<0.21	U		<0.44	U		<0.68	U		<0.26	U	UJ	<0.15	U		86			<0.78	U	
		VMP-4-23.5-021015	2/10/2015	1.7	J		0.2	J		<0.98	U		<1.5	U		<5.7	U		<0.32	U		35			<1.7	U	
		VMP-4-23.5-050815	5/8/2015	1.5	J		1.4			<0.93	U		<1.4	U		<5.4	U		<0.31	U		30			0.38	J	
		VMP-4-23.5-061515-R	6/15/2015	<0.14	U		0.37		J	<0.1	U		<0.15	U		<0.058	U		<0.033	U		34		J	<0.18	U	
		VMP-4-23.5-073015	7/30/2015	<0.53	U		<0.18	U		<0.37	U		<0.57	U		<0.22	U		<0.12	U		17			<0.65	U	
		VMP-4-23.5-110215	11/2/2015	<0.26	U		0.089			<0.18	U		<0.28	U		<0.11	U		<0.061	U		16			<0.32	U	
		VMP-4-23.5-020316	2/3/2016	<2.2	U		<0.76	U		<1.6	U		<2.4	U		<0.92	U	UJ	<0.52	U		16			<2.8	U	
		VMP-4-23.5-020316-DUP	2/3/2016	<2.2	U		<0.73	U		<1.5	U		<2.4	U		<0.88	U	UJ	<0.5	U		14			<2.7	U	
		VMP-4-23.5-050316	5/3/2016	<0.17	U		0.12		J	<0.12	U		<0.19	U		<0.071	U		<0.04	U		8.8		J	<0.22	U	
		VMP-4-23.5-080216	8/2/2016	2.1			<0.22	U		<0.45	U		<0.7	U		<2.6	U		<0.15	U		40			0.71	J	
		VMP-4-23.5-080216-DUP	8/2/2016	2.2			<0.22	U		<0.46	U		<0.71	U		<2.7	U		<0.15	U		46			0.81	J	
		VMP-4-23.5-092316-DUP-R	9/23/2016	0.12	J	J	<0.047	U		<0.1	U		<0.15	U		<0.23	U		<0.033	U		16		J	<0.18	U	
		VMP-4-23.5-092316-R	9/23/2016	0.1	J	J	<0.051	U		<0.11	U		<0.16	U		<0.25	U		<0.035	U		17		J	<0.19	U	
		VMP-4-23.5-102816	10/28/2016	0.046	J		<0.045	U		<0.094	U		<0.14	U		<0.22	U		<0.031	U		14			<0.17	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	39 ft	VMP-4-39	11/5/2009	<71	U		660			<50	U		<77	U		<29	U		<16	U					<22	U	
		VMP-4-39-042111	4/21/2011	<400	U		470			<280	U		<430	U		<160	U		<93	U		69000			<500	U	
		VMP-4-39-041912	4/19/2012	<9.5	U		67			<6.7	U		<10	U		<3.9	U		<2.2	U		3900			<12	U	
		VMP-4-39-072312	7/23/2012	<14	U		50		J	<10	U		<16	U		<5.9	U		<3.3	U		1800		J	<18	U	
		VMP-4-39-101812	10/18/2012	<180	U		28	J		<130	U		<200	U		<74	U		<42	U		3900			<220	U	
		VMP-4-39-101812-Dup	10/18/2012	<160	U		26	J		<120	U		<180	U		<67	U		<38	U		3900			<200	U	
		VMP-4-39-020713	2/7/2013	<26	U		25			<18	U		<28	U		<10	U		<6	U		2500			<32	U	
		VMP-4-39-051513	5/15/2013	<14	U		14			<9.7	U		<15	U		<5.6	U		<3.2	U		1400			<17	U	
		VMP-4-39-110713	11/7/2013	<13	U		1.8	J		<9	U		<14	U		<5.2	U		<3	U		1100			<16	U	
		VMP-4-39-022714	2/27/2014	<5.6	U		3.9			<4	U		<6.1	U		<2.3	U		<1.3	U		580			<7	U	
		VMP-4-39-050214	5/2/2014	<12	U		4.4			<8.4	U		<13	U		<4.9	U		<2.8	U		470			<15	U	
		VMP-4-39-081314	8/13/2014	<2.5	U		0.18	J		<1.7	U		<2.7	U		<1	U	UJ	<0.57	U	UJ	140			<3	U	
VMP-5	5 ft	VMP-5-5	11/5/2009	<2.1	U		1.5			<1.5	U		<2.3	U		<0.87	U		<0.5	U					<0.66	U	
		VMP-5-5-090910	9/9/2010	<25	U		7.6	J		<18	U		<27	U		<10	U		<5.8	U					<7.8	U	
		VMP-5-5-112210	11/22/2010	<6.1	U		8.6			<4.3	U		<6.7	U		<2.5	U		<1.4	U					<1.9	U	
		VMP-5-5-021611	2/16/2011	<0.039	U		0.024		J	<0.028	U		<0.042	U		<0.016	U		<0.0091	U					<0.012	U	
		VMP-5-5-042111	4/21/2011	<0.12	U		0.88			<0.088	U		<0.14	U		<0.051	U		<0.029	U		0.064	J		<0.16	U	
		VMP-5-5-080511	8/5/2011	0.084			0.015			<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U		0.86			0.028		
		VMP-5-5-111111	11/11/2011	0.15			0.03			<0.0062	U		<0.0096	U		<0.0036	U		<0.002	U		0.05			0.0024	J	
		VMP-5-5-013012	1/30/2012	0.18			9.1			<0.063	U		<0.097	U		<0.036	U		<0.021	U		2.4			0.076	J	
		VMP-5-5-041112	4/11/2012	0.04			0.017			<0.0061	U		<0.0094	U		<0.036	U		<0.002	U		<0.0087	U		0.051		
		VMP-5-5-071312	7/13/2012	0.24			0.0028	J		<0.0068	U		<0.01	U		<0.039	U	UJ	<0.0022	U		<0.0096	U		0.016		
		VMP-5-5-101212	10/12/2012	0.047			0.0043			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0047	J		0.0032	J	
		VMP-5-5-012513	1/25/2013	0.012	J		0.014			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-5-5-042913	4/29/2013	0.017	J		0.003	J		<0.0094	U		<0.014	J	U	<0.054	U		<0.0031	U		<0.013	U		0.0037	J	
		VMP-5-5-082313-R	8/23/2013	0.022	J		0.0015	J		0.017			<0.016	U		<0.06	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-5-5-110513	11/5/2013	0.036			0.001	J		0.011			<0.012	U		<0.046	U		<0.0026	U		0.0046	J		0.019		
		VMP-5-5-021814	2/18/2014	0.004	J		0.0052			0.0069	J		<0.013	U		<0.049	U		<0.0028	U		0.0054	J		<0.015	U	
		VMP-5-5-042814	4/28/2014	0.016	J		<0.0044	U		0.018			<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0031	J	
		VMP-5-5-080814	8/8/2014	0.025	J		<0.004	J	U	<0.0084	U		<0.013	U		0.0071	J		<0.0028	U		<0.012	U		0.0052	J	
		VMP-5-5-110514	11/5/2014	0.0079	J		<0.0038	U		0.011			<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0036	J	
		VMP-5-5-013015	1/30/2015	0.0035	J		<0.0042	U		0.0091			<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-5-5-042915	4/29/2015	0.044			0.0047			<0.0089	J	U	<0.014	U		<0.051	U		<0.0029	U		0.01	J		0.023		
		VMP-5-5-072915	7/29/2015	0.028	J		<0.0056	J	U	0.014			<0.018	U		<0.068	U		<0.0039	U		<0.016	U		0.0057	J	
		VMP-5-5-102915	10/29/2015	<0.032	J	U	<0.0043	U		0.0058	J		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.003	J	
		VMP-5-5-012516	1/25/2016	0.012	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0055	J		0.0031	J	
		VMP-5-5-042816	4/28/2016	0.018	J		0.0051			<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0039	J	
		VMP-5-5-072816	7/28/2016	0.012	J		<0.0046	U		0.0023	J		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0027	J	
		VMP-5-5-102516	10/25/2016	0.019	J		0.0012	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.005	J	
	12.5 ft	VMP-5-12.5	11/6/2009	<2.4	U		5.8			<1.7	U		<2.7	U		<1	U		<0.57	U					<0.76	U	
		VMP-5-12.5-D	11/6/2009	<5.5	U		6			<3.9	U		<6	U		<2.2	U		<1.3	U					<1.7	U	
		VMP-5-12.5-090910	9/9/2010	7.6	J		11			<8.8	U		<14	U		<5.1	U		<2.9	U					<3.9	U	
		VMP-5-12.5-112310	11/23/2010	<0.63	U		0.54			<0.44	U		<0.68	U		<0.26	U		<0.15	U					<0.19	U	
		VMP-5-12.5-021611	2/16/2011	<1.9	U		<0.63	U		<1.3	U		<2	U		<0.77	U		<0.44	U					<0.58	U	
		VMP-5-12.5-042111	4/21/2011	<0.13	U		0.71			<0.094	U		<0.14	U		<0.055	U		<0.031	U		0.11	J		<0.17	U	
		VMP-5-12.5-080611	8/6/2011	<12	U		4.6			<8.3	U		<13	U		<4.8	U		<2.7	U		7600			<15	U	
		VMP-5-12.5-111111	11/11/2011	0.0085			0.0064			<0.0059	U		<0.0091	U		<0.0034	J	U	<0.0019	U		0.0035	J		0.0022	J	
		VMP-5-12.5-013012	1/30/2012	0.066			2.4			<0.019	U		<0.03	U		<0.011	U		<0.0063	U		0.8			0.054		
		VMP-5-12.5-041112	4/11/2012	0.026			0.033			<0.0059	U		<0.009	U		<0.034	U		<0.0019	U		<0.0083	U		0.035		
		VMP-5-12.5-071212	7/12/2012	0.048			0.0018	J		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		<0.0098	U		0.004	J	
		VMP-5-12.5-101112	10/11/2012	0.02	J		0.015			<0.016	U		<0.025	U		<0.095	U		<0.0054	U		<0.023	U		<0.029	U	
		VMP-5-12.5-012413	1/24/2013	0.024	J		0.0021	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-5-12.5-042913	4/29/2013	0.047			0.0031	J		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		0.083			0.01	J	
		VMP-5-12.5-080113	8/1/2013	0.014	J		0.0082			0.019			<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.005	J	
		VMP-5-12.5-110513	11/5/2013	0.01	J		0.00057	J		0.015			<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0051	J	
		VMP-5-12.5-021814	2/18/2014	0.012	J		0.0018	J		0.0098			<0.013	U		<0.05	U		<0.0028	U		0.0053	J		<0.015	U	
		VMP-5-12.5-042814	4/28/2014	0.027	J		<0.0042	U		0.014			<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0054	J	
		VMP-5-12.5-080814	8/8/2014	0.012	J		<0.0041	J	U	0.024			<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0036	J	
		VMP-5-12.5-110514	11/5/2014	0.012	J		<0.0041	U		0.016			<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0047	J	
		VMP-5-12.5-110514-DUP	11/5/2014	0.0068	J		<0.0042	U		0.016			<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0042	J	
		VMP-5-12.5-013015	1/30/2015	0.011	J		<0.004	U		0.0086			<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0024	J	
		VMP-5-12.5-042915	4/29/2015	0.042			<0.0046	J	U	0.01			<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0094	J	
		VMP-5-12.5-072915	7/29/2015	0.051			0.021			0.021			<0.016	U		<0.061	U		<0.0035	U		0.0055	J		0.012	J	
		VMP-5-12.5-102915	10/29/2015	0.023	J		<0.0046	U		0.013			<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0079	J	
		VMP-5-12.5-012516	1/25/2016	0.014	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.0021	J		0.0029	J	
		VMP-5-12.5-042816	4/28/2016	0.016	J		0.0018	J		0.0036	J		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0046	J	
		VMP-5-12.5-072816	7/28/2016	0.02	J		<0.0047	U		0.0069	J		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-5-12.5-102516	10/26/2016	0.02	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0045	J	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31	11/6/2009	<23	U		160			<16	U		<25	U		<9.2	U		<5.3	U					<7	U	
		VMP-5-31-090910	9/9/2010	<52	U		200			<37	U		<57	U		<21	U		<12	U					<16	U	
		VMP-5-31-112310	11/23/2010	<33	U		180			<23	U		<36	U		<13	U		<7.6	U					<10	U	
		VMP-5-31-021611	2/16/2011	<13	U		74			<9.2	U		<14	U		<5.4	U		<3	U					<4.1	U	
		VMP-5-31-042111	4/21/2011	<200	U		66			<140	U		<210	U		<80	U		<46	U		34000			<240	U	
		VMP-5-31-080611	8/6/2011	<110	U		64			<78	U		<120	U		<45	U		<26	U		38000			<140	U	
		VMP-5-31-111111	11/11/2011	<56	U		12	J		<39	U		<60	U		<23	U		<13	U		19000			<69	U	
		VMP-5-31-013012	1/30/2012	4.4	J		10			<20	U		<31	U		<12	U		<6.6	U		6900			<35	U	
		VMP-5-31-041112	4/11/2012	0.03	J		0.08			<0.064	U		<0.099	U		<0.037	U		<0.021	U		4.3			0.023	J	
		VMP-5-31-071212	7/12/2012	0.11			0.0044			<0.0067	U		<0.01	U		<0.039	U		<0.0022	U		0.26			0.014		
		VMP-5-31-101112	10/11/2012	0.082			0.0078			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.075			0.0042	J	
		VMP-5-31-012413	1/24/2013	0.049	J		<0.045	U		<0.094	U		<0.14	U		<0.54	U		<0.031	U		0.14			<0.16	U	
		VMP-5-31-042913	4/29/2013	0.024	J		0.007			<0.0096	U		<0.015	J	U	<0.056	U		<0.0032	U		0.044			0.036		
		VMP-5-31-080113	8/1/2013	0.073			0.0025	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.028			0.025		
		VMP-5-31-110513	11/5/2013	0.054			0.0013	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.015			0.024		
		VMP-5-31-110513-Dup	11/5/2013	0.02	J		0.0014	J		0.00056	J		<0.013	U		<0.049	U		<0.0028	U		0.015			0.04		
		VMP-5-31-021814	2/18/2014	0.0092	J		0.0057			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.011			<0.014	U	
		VMP-5-31-042814	4/28/2014	0.016	J		0.0012	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.026			0.0039	J	
		VMP-5-31-080814	8/8/2014	0.097			0.0025	J		<0.0082	U		<0.013	U		<0.048	J	U	<0.0027	U		<0.012	U		0.015		
		VMP-5-31-110514	11/5/2014	0.011	J		0.0018	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0076	J		0.0046	J	
		VMP-5-31-013015	1/30/2015	0.012	J		<0.0049	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0024	J	
		VMP-5-31-042915	4/29/2015	0.14			<0.0044	J	U	<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0023	J		0.0063	J	
		VMP-5-31-072915	7/29/2015	0.046			0.0022	J		<0.0096	U		<0.015	U		0.0033	J		<0.0032	U		<0.014	U		0.015	J	
		VMP-5-31-102915	10/29/2015	0.023	J		0.0012	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0068	J	
		VMP-5-31-030916-R	3/9/2016	<0.029	J	U	0.00098	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U	
		VMP-5-31-042816	4/28/2016	0.01	J		0.0017	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-5-31-072816	7/28/2016	0.027	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0044	J	
		VMP-5-31-102516	10/26/2016	0.017	J		0.00098	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
	40 ft	VMP-5-40	11/6/2009	<31	U		170			<22	U		<34	U		<13	U		<7.2	U					<9.7	U	
		VMP-5-40-042111	4/21/2011	<200	U		64	J		<140	U		<220	U		<84	U		<48	U		27000			<250	U	
		VMP-5-40-013012	1/30/2012	6	J		6.8	J		<42	U		<65	U		<24	U		<14	U		6400			<74	U	
		VMP-5-40-041212	4/12/2012	0.053	J		0.15			<0.063	U		<0.097	U		<0.036	U		<0.021	U		21			0.055	J	
		VMP-5-40-071212	7/12/2012	0.49			<0.032	U		<0.067	U		<0.1	U		<0.39	U		<0.022	U		0.63			<0.12	U	
		VMP-5-40-101112	10/11/2012	0.028	J		0.011			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.27			<0.017	U	
		VMP-5-40-012513	1/25/2013	0.35			0.0037	J		<0.029	U		<0.044	U		<0.17	U		<0.0095	U		0.21		J	<0.051	U	
		VMP-5-40-012513-Dup	1/25/2013	0.36			0.0037	J		<0.028	U		<0.043	U		<0.16	U		<0.0093	U		0.1		J	<0.05	U	
		VMP-5-40-042913	4/29/2013	0.02	J		0.0036	J		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		0.035			0.011	J	
		VMP-5-40-080113	8/1/2013	0.17			0.0022	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.029			0.023		
		VMP-5-40-110513	11/5/2013	0.028	J		0.00077	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0097	J		0.033		
		VMP-5-40-021814	2/18/2014	0.012	J		0.0047			<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.015			<0.015	U	
		VMP-5-40-021814-Dup	2/18/2014	0.0064	J		0.0029	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.011	J		<0.015	U	
		VMP-5-40-042814	4/28/2014	0.03	J		0.0027	J		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		0.016			0.0046	J	
		VMP-5-40-042814-Dup	4/28/2014	0.036			0.0025	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.015			0.0055	J	
		VMP-5-40-080814	8/8/2014	0.026	J		0.0033	J		<0.0083	U		<0.013	U		0.0076	J		<0.0027	U		0.013			<0.015	U	
		VMP-5-40-080814-DUP	8/8/2014	0.015	J		0.0038	J		<0.0089	U		<0.014	U		<0.052	J	U	<0.0029	U		0.012	J		<0.016	U	
		VMP-5-40-110514	11/5/2014	0.012	J		0.0014	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.012	J		0.0045	J	
		VMP-5-40-013015	1/30/2015	0.011	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		0.004	J		0.0019	J	
		VMP-5-40-042915	4/29/2015	0.074			<0.0045	J	U	<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		0.0063	J		0.006	J	
		VMP-5-40-072915	7/29/2015	0.024	J		<0.0044	J	U	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0061	J		0.0086	J	
		VMP-5-40-102915	10/29/2015	<0.03	J	U	0.0012	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.004	J		0.0037	J	
		VMP-5-40-012516	1/25/2016	0.016	J		0.0026	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.025			0.0027	J	
		VMP-5-40-012516-DUP	1/25/2016	0.018	J		0.0028	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		0.029			0.0042	J	
		VMP-5-40-042816	4/28/2016	0.012	J		0.001	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-5-40-072816	7/28/2016	0.047			<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0072	J	
		VMP-5-40-102516	10/26/2016	0.0078	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	5 ft	VMP-6-5	11/6/2009	<3.8	U		5.8		J	<2.6	U		<4.1	U		<1.5	U		<0.88	U					<1.2	U	
		VMP-6-5-090810	9/8/2010	<2.1	U		1			<1.5	U		<2.3	U		<0.85	U		<0.49	U					<0.65	U	
		VMP-6-5-111610	11/16/2010	<13	U		9			<9.2	U		<14	U		<5.4	U		<3	U					<4.1	U	
		VMP-6-5-020711	2/7/2011	0.014			0.0033	J		<0.008	U		<0.012	U		<0.0046	U		<0.0026	U					0.0015	J	
		VMP-6-5-040811	4/8/2011	0.055			2.4			<0.017	U		<0.027	U		<0.01	U		<0.0057	U		0.083			<0.03	U	
		VMP-6-5-080411	8/4/2011	<0.64	U		0.74			<0.45	U		<0.69	U		<0.26	U		<0.15	U		160			<0.79	U	
		VMP-6-5-110911	11/9/2011	0.015		J	0.015			<0.0054	U		<0.0083	U		<0.0031	U		<0.0018	U		0.028			0.0027	J	
		VMP-6-5-013112	1/31/2012	0.13			0.096			<0.064	U		<0.098	U		<0.037	U		<0.021	U		6.2			0.035	J	
		VMP-6-5-041212	4/12/2012	0.02	J		0.01			<0.0067	U		<0.01	U		<0.039	U		<0.0022	U		<0.0096	U		0.0029	J	
		VMP-6-5-071612	7/16/2012	0.075			0.0097			<0.0067	U		<0.01	U		<0.039	U	UJ	<0.0022	U		<0.0096	U		0.008	J	
		VMP-6-5-101012	10/10/2012	0.041			0.003	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-6-5-021213	2/12/2013	1.8			0.037			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.11			<0.014	U	
		VMP-6-5-022714	2/27/2014	0.014	J		0.00077	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.026		
		VMP-6-5-042914	4/29/2014	0.029	J		<0.0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		0.011	J		0.0056	J	
		VMP-6-5-080814	8/8/2014	0.037			<0.0041	J	U	<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0062	J	
		VMP-6-5-110514	11/5/2014	0.009	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-6-5-020915	2/9/2015	<0.029	J	U	0.028			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0064	J		<0.014	U	
		VMP-6-5-042915	4/29/2015	0.038			<0.0042	J	U	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0066	J	
		VMP-6-5-072715	7/27/2015	0.032	J		<0.0044	J	U	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0067	J	
		VMP-6-5-102915	10/29/2015	0.018	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0079	J	
		VMP-6-5-020116	2/1/2016	0.033	J		0.0044	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.022			0.0077	J	
		VMP-6-5-042516	4/25/2016	0.0064	J		0.0006	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-6-5-072816	7/28/2016	0.028	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.006	J	
		VMP-6-5-102816	10/28/2016	0.0076	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
	10 ft	VMP-6-10	11/6/2009	<4.1	U		6.4			<2.9	U		<4.4	U		<1.7	U		<0.95	U					<1.3	U	
		VMP-6-10-090810	9/8/2010	<2.3	U		2.9		J	<1.6	U		<2.5	U		<0.92	U		<0.53	U					<0.7	U	
		VMP-6-10-111710	11/17/2010	0.012	J		0.0053			0.0025	J		<0.013	U		<0.005	J	U	<0.0028	U					0.0022	J	
		VMP-6-10-020711	2/7/2011	0.0038	J		0.0084			<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U					<0.0037	U	
		VMP-6-10-040811	4/8/2011	0.54			2			<0.2	U		<0.31	U		<0.12	U		<0.067	U		<0.29	U		0.12	J	
		VMP-6-10-080411	8/4/2011	<2	U		1.7			<1.4	U		<2.2	U		<0.83	U		<0.47	U		400			<2.5	U	
		VMP-6-10-111011	11/10/2011	0.017		J	0.012			<0.0056	U		<0.0087	U		<0.0033	U		<0.0018	U		0.033			0.0026	J	
		VMP-6-10-013112	1/31/2012	<1.4	U		0.51		J	<1	U		<6.2	U		<0.58	U		<0.33	U		120		J	<1.8	U	
		VMP-6-10-041212	4/12/2012	0.039			0.007			<0.0065	U		<0.01	U		<0.038	U		<0.0022	U		<0.0093	U		0.0057	J	
		VMP-6-10-071612	7/16/2012	0.051			0.0081			<0.0088	J	U	<0.014	U		<0.051	U	UJ	<0.0029	U		<0.012	U		0.0096	J	
		VMP-6-10-101112	10/11/2012	0.0085	J		0.0066			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-6-10-020513	2/5/2013	0.009	J		0.046			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0036	J		<0.016	U	
		VMP-6-10-051513	5/15/2013	0.026	J		0.0026	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.079			0.0099	J	
		VMP-6-10-080813	8/8/2013	0.069			0.0024	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.012	J	
		VMP-6-10-110513	11/5/2013	0.013	J		0.0007	J		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0043	J	
		VMP-6-10-022714	2/27/2014	0.013	J		0.0011	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0076	J		0.013	J	
		VMP-6-10-042914	4/29/2014	0.017	J		0.0012	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.005	J		0.0028	J	
		VMP-6-10-080814	8/8/2014	0.32			<0.0041	J	U	<0.0085	U		<0.013	U		0.0075	J		<0.0028	U		<0.012	U		0.0049	J	
		VMP-6-10-110514	11/5/2014	0.13			0.0017	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.009	J	
		VMP-6-10-020915	2/9/2015	0.02	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0044	J	
		VMP-6-10-042915	4/29/2015	0.014	J		0.0021	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0059	J	
		VMP-6-10-072715	7/27/2015	0.021	J		<0.0046	J	U	<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0054	J	
		VMP-6-10-102915	10/29/2015	0.021	J		0.0014	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0092	J	
		VMP-6-10-020116	2/1/2016	0.036			0.0015	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.014			0.0065	J	
		VMP-6-10-042516	4/25/2016	0.011	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0024	J	
		VMP-6-10-072816	7/28/2016	0.037			<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-6-10-102816	10/28/2016	0.022	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0045	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	31.5 ft	VMP-6-31.5	11/9/2009	<27	U		28			<19	U		<29	U		<11	U		<6.2	U					<8.2	U	
		VMP-6-31.5-090810	9/8/2010	<15	U		29			<11	U		<17	U		<6.2	U		<3.6	U					<4.7	U	
		VMP-6-31.5-111710	11/17/2010	<24	U		30			<17	U		<26	U		<9.8	U		<5.6	U					<7.4	U	
		VMP-6-31.5-020711	2/7/2011	13	J		30			<16	U		<25	U		<9.4	U		<5.4	U					<7.1	U	
		VMP-6-31.5-041111	4/11/2011	12	J		18			<12	U		<19	U		<7.3	U		<4.1	U		1200			<22	U	
		VMP-6-31.5-080411	8/4/2011	<13	U		11			<9.3	U		<14	U		<5.4	U		<3.1	U		1100			<16	U	
		VMP-6-31.5-111011	11/10/2011	110		J	8.8			<14	U		<22	U		<8.3	U		<4.7	U		1300			6.4	J	
		VMP-6-31.5-013112	1/31/2012	<8.1	U		8.1		J	<5.7	U		<35	U		<3.3	U		<1.9	U		700		J	<10	U	
		VMP-6-31.5-041212	4/12/2012	0.12	J		<0.36	U		<0.77	U		<1.2	U		<0.44	U		<0.25	U		32			<1.4	U	
		VMP-6-31.5-071612	7/16/2012	0.098			0.016			<0.012	U		<0.019	U		<0.07	U	UJ	<0.004	U		0.05			0.012	J	
		VMP-6-31.5-101112	10/11/2012	0.014	J		0.0049			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.018			<0.017	U	
		VMP-6-31.5-020513	2/5/2013	0.0095	J		0.004	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.03			<0.015	U	
		VMP-6-31.5-042913	4/29/2013	0.0098	J		0.0026	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		0.016			<0.018	U	
		VMP-6-31.5-080813	8/8/2013	0.016	J		0.0052			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.014	J		0.0066	J	
		VMP-6-31.5-110513	11/5/2013	0.022	J		0.0066			0.00042	J		<0.012	U		<0.046	U		<0.0026	U		0.0081	J		0.02		
		VMP-6-31.5-022714	2/27/2014	0.011	J		0.0023	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.021			0.0044	J	
		VMP-6-31.5-042914	4/29/2014	<0.031	U		<0.0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		0.014			<0.015	U	
		VMP-6-31.5-080814	8/8/2014	0.019	J		<0.0043	J	U	<0.0091	U		<0.014	U		<0.053	J	U	<0.003	U		<0.013	U		<0.016	U	
		VMP-6-31.5-110514	11/5/2014	0.016	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.012			0.0042	J	
		VMP-6-31.5-020915	2/9/2015	<0.03	J	U	<0.004	U		<0.0085	J	U	<0.013	U		<0.049	U		<0.0028	U		0.018			<0.015	U	
		VMP-6-31.5-042915	4/29/2015	0.013	J		0.0022	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0051	J		0.0039	J	
		VMP-6-31.5-042915-DUP	4/29/2015	0.0086	J		0.0024	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.004	J		<0.018	J	U
		VMP-6-31.5-072715	7/27/2015	0.024	J		<0.0046	J	U	0.0014	J		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0089	J	
		VMP-6-31.5-112515	11/25/2015	0.027	J		0.0022	J		<0.016	U		<0.024	U		<0.092	U		<0.0052	U		0.02	J		0.012	J	
		VMP-6-31.5-020116	2/1/2016	0.034			0.0026	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.017			0.007	J	
		VMP-6-31.5-042516	4/25/2016	0.0086	J		0.001	J		0.0013	J		<0.015	U		<0.057	U		<0.0033	U		0.013	J		<0.017	U	
		VMP-6-31.5-072816	7/28/2016	0.0099	J		0.001	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.015			<0.018	U	
		VMP-6-31.5-102816	10/28/2016	0.057			0.0063	J		<0.014	U		<0.022	U		<0.081	U		<0.0046	U		0.0082	J		0.013	J	
	39 ft	VMP-6-39	11/9/2009	<30	U		40			<21	U		<33	U		<12	U		<7	U					<9.4	U	
		VMP-6-39-041111	4/11/2011	12	J		16			<15	U		<23	U		<8.7	U		<4.9	U		1200			3.6	J	
		VMP-6-39-013112	1/31/2012	<8.1	U		8.3		J	<5.7	U		<35	U		<3.3	U		<1.9	U		900		J	<10	U	
		VMP-6-39-041212	4/12/2012	<0.8	U		1.7			<0.56	U		<0.87	U		<0.33	U		<0.18	U		53			<0.99	U	
		VMP-6-39-071612	7/16/2012	0.052	J		0.02			<0.026	U		<0.041	U		<0.15	U	UJ	<0.0087	U		0.069			<0.046	U	
		VMP-6-39-071612-Dup	7/16/2012	0.057	J		0.016			<0.027	U		<0.041	U		<0.15	U	UJ	<0.0088	U		0.062			<0.047	U	
		VMP-6-39-101112	10/11/2012	0.03	J		0.0082	J		<0.018	U		<0.028	U		<0.1	U		<0.006	U		<0.026	U		<0.032	U	
		VMP-6-39-020513	2/5/2013	0.014	J		0.066			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-6-39-050913	5/9/2013	0.13		J	0.0087			<0.018	U		<0.028	U		<0.11	U		<0.006	U		0.19		J	<0.032	U	
		VMP-6-39-050913-Dup	5/9/2013	0.015	J	J	0.0036	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.012	J	J	<0.017	U	
		VMP-6-39-080813-Dup	8/8/2013	0.015	J		0.00078	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.011	J		0.005	J	
		VMP-6-39-081513	8/15/2013	0.01	J		0.01			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.2			0.004	J	
		VMP-6-39-110513	11/5/2013	0.016	J		0.00093	J		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		0.0053	J		0.0049	J	
		VMP-6-39-022714	2/27/2014	0.0073	J		0.0011	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0044	J	
		VMP-6-39-042914	4/29/2014	0.017	J		0.0021	J		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		0.006	J		0.0031	J	
		VMP-6-39-080814	8/8/2014	0.022	J		0.0026	J		<0.009	U		<0.014	U		0.0074	J		<0.003	U		<0.013	U		<0.016	U	
		VMP-6-39-110514	11/5/2014	0.0086	J		0.0018	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0056	J	
		VMP-6-39-020915	2/9/2015	<0.028	J	U	0.002	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.012			<0.014	U	
		VMP-6-39-020915-DUP	2/9/2015	<0.027	J	U	0.0018	J		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		0.011	J		<0.013	U	
		VMP-6-39-042915	4/29/2015	0.011	J		<0.0038	J	U	<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		0.0028	J	
		VMP-6-39-072715	7/27/2015	0.026	J		<0.0043	J	U	<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0058	J	
		VMP-6-39-072715-DUP	7/27/2015	0.014	J		<0.0044	J	U	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0028	J	
		VMP-6-39-102915	10/29/2015	0.024	J		<0.014	U		<0.029	U		<0.045	U		<0.17	U		<0.0096	U		0.91			<0.051	U	
		VMP-6-39-102915-DUP	10/29/2015	0.019	J		<0.014	U		<0.029	U		<0.045	U		<0.17	U		<0.0097	U		0.94			<0.052	U	
		VMP-6-39-020116	2/1/2016	<0.031	J	U	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0054	J		<0.016	U	
		VMP-6-39-020116-DUP	2/1/2016	<0.032	J	U	<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-6-39-042516	4/25/2016	0.014	J		0.013			<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.17			<0.018	U	
		VMP-6-39-072816	7/28/2016	0.0092	J		<0.0052	U		<0.011	U		<0.017	U		<0.063	U		<0.0036	U		<0.016	U		<0.019	U	
		VMP-6-39-102816	10/28/2016	0.019	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0074	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5	11/9/2009	0.041			0.015			<0.007	U		<0.012	U		<0.004	U		<0.002	U					<0.003	U	
		VMP-7-5-082610	8/26/2010	0.026			0.012			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U					0.006		
		VMP-7-5-111910	11/19/2010	0.014			0.001	J		<0.008	U		<0.012	U		<0.0046	U		<0.0026	U					0.0022	J	
		VMP-7-5-020711	2/7/2011	0.027			0.041			<0.0086	U		<0.013	U		<0.005	U		<0.0028	U					<0.0038	U	
		VMP-7-5-040711	4/7/2011	0.0076	J		1.6			<0.012	U		<0.019	U		<0.0071	U		<0.004	U		0.012	J		<0.021	U	
		VMP-7-5-080211	8/2/2011	<1.7	U		1.3			<1.2	U		<1.9	U		<0.7	U		<0.4	U		110			<2.1	U	
		VMP-7-5-111011	11/10/2011	0.0078	J		0.005			<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U		<0.0081	U		0.0013	J	
		VMP-7-5-111011-DUP	11/10/2011	0.01			0.0048			<0.0054	U		<0.0083	U		<0.0031	U		<0.0018	U		<0.0076	U		<0.0095	U	
		VMP-7-5-013112	1/31/2012	0.026			0.0055			<0.0059	U		<0.009	U		<0.0034	U		<0.0019	U		<0.0083	U		0.045		
		VMP-7-5-041212	4/12/2012	0.045			0.0089			<0.0064	U		<0.0098	U		<0.037	U		<0.0021	U		<0.009	U		0.046		
		VMP-7-5-073112	7/31/2012	0.073			0.12			<0.016	U		<0.025	U		<0.095	U		<0.0054	U		0.013	J		0.027	J	
		VMP-7-5-101012	10/10/2012	0.037			0.0024	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-7-5-060613	6/6/2013	0.039			0.0027	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.065			0.055		
		VMP-7-5-073013	7/30/2013	0.043			0.0027	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.029			0.07		
		VMP-7-5-102213	10/22/2013	0.0088	J		0.003	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.003	J		0.0026	J	
		VMP-7-5-022414	2/24/2014	0.0078	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-7-5-043014	4/30/2014	0.01	J		0.0019	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0027	J	
		VMP-7-5-080514	8/5/2014	0.029	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	J	U	<0.0031	U		<0.013	U		0.0048	J	
		VMP-7-5-102714	10/27/2014	0.021	J		0.0023	J		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.0097	J	
		VMP-7-5-020215	2/2/2015	0.016	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-7-5-043015	4/30/2015	0.01	J		0.0015	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0051	J	
		VMP-7-5-072715	7/27/2015	0.04			<0.0042	J	U	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0098	J	
		VMP-7-5-102815	10/28/2015	0.039			0.003	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.015			0.066		
		VMP-7-5-012716	1/27/2016	0.018	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.005	J	
		VMP-7-5-042916	4/29/2016	0.0084	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-7-5-072616	7/26/2016	0.026	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0056	J	
		VMP-7-5-102516	10/25/2016	0.0075	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
	13.5 ft	VMP-7-13.5	11/9/2009	<0.085	U		<0.028	U		<0.06	U		<0.092	U		<0.035	U		<0.02	U					<0.026	U	
		VMP-7-13.5-082610	8/26/2010	<0.27	U		0.15			<0.19	U		<0.3	U		<0.11	U		<0.064	U					<0.085	U	
		VMP-7-13.5-111910	11/19/2010	<1.9	U		1.3		J	<1.4	U		<2.1	U		<0.78	U		<0.44	U					<0.59	U	
		VMP-7-13.5-020711	2/7/2011	0.011	J		0.027			<0.0083	U		<0.013	U		<0.0048	U		<0.0027	U					<0.0036	U	
		VMP-7-13.5-040711	4/7/2011	0.012	J		1.7			<0.014	U		<0.022	U		<0.0084	U		<0.0048	U		0.016	J		<0.025	U	
		VMP-7-13.5-080311	8/3/2011	<2.3	U		1.1			<1.6	U		<2.5	U		<0.94	U		<0.53	U		67			<2.8	U	
		VMP-7-13.5-111011	11/10/2011	0.053		J	0.0037			<0.0053	U		<0.0082	U		<0.0031	U		<0.0017	U		0.31			0.0018	J	
		VMP-7-13.5-013112	1/31/2012	0.026	J	J	0.048		J	<0.075	U		<0.46	U		<0.043	U		<0.025	U		1.5		J	0.024	J	J
		VMP-7-13.5-013112-DUP	1/31/2012	0.059	J	J	0.088		J	<0.077	U		<0.47	U		<0.044	U		<0.025	U		1.5		J	0.02	J	J
		VMP-7-13.5-041212	4/12/2012	0.02	J		0.022			<0.0061	U		<0.0094	U		<0.036	U		<0.002	U		0.0062	J		0.016		
		VMP-7-13.5-041212-DUP	4/12/2012	0.019	J		0.019			<0.0065	U		<0.01	U		<0.037	U		<0.0021	U		<0.0092	U		0.016		
		VMP-7-13.5-072012	7/20/2012	0.041			0.0087			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U		<0.0089	U		0.012		
		VMP-7-13.5-101012	10/10/2012	0.065			0.0058			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0066	J	
		VMP-7-13.5-021313	2/13/2013	0.024	J		0.002	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-7-13.5-060513	6/5/2013	0.022	J		0.0063			<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.014	J		0.0058	J	
		VMP-7-13.5-073013	7/30/2013	0.015	J		0.0012	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-7-13.5-110113	11/1/2013	0.014	J		0.00074	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0063	J	
		VMP-7-13.5-022414	2/24/2014	0.0073	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-7-13.5-043014	4/30/2014	0.0088	J		0.0013	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-7-13.5-080514	8/5/2014	0.0082	J		<0.0051	U		<0.011	U		<0.016	U		<0.062	J	U	<0.0035	U		<0.015	U		<0.019	U	
		VMP-7-13.5-102714	10/27/2014	0.023	J		0.005			<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		0.019			0.011	J	
		VMP-7-13.5-020215	2/2/2015	0.009	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-7-13.5-043015	4/30/2015	0.033	J		<0.0051	U		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.0079	J	
		VMP-7-13.5-072715	7/27/2015	0.029	J		<0.0041	J	U	<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0068	J	
		VMP-7-13.5-102815	10/28/2015	0.023	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0064	J	
		VMP-7-13.5-012716	1/27/2016	0.013	J		0.0008	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-7-13.5-042916	4/29/2016	0.0081	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-7-13.5-072616	7/26/2016	0.024	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-7-13.5-102516	10/25/2016	0.0093	J		0.00069	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		0.0041	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5	11/9/2009	<1.8	U		120		J	<1.3	U		<2	U		<0.74	U		<0.42	U					<0.56	U	
		VMP - 7 - 29.5 - 083110	8/31/2010	<3.9	U		86		J	<2.8	U		<4.2	U		<1.6	U		<0.91	U					<1.2	U	
		VMP-7-29.5-111910	11/19/2010	<5.9	U		62		J	<4.2	U		<6.4	U		<2.4	U		<1.4	U					<1.8	U	
		VMP-7-29.5-020711	2/7/2011	<6.1	U		60			<4.3	U		<6.7	U		<2.5	U		<1.4	U					<1.9	U	
		VMP-7-29.5-040711	4/7/2011	<1.5	U		40		J	<1	U		<1.6	U		<0.61	U		<0.35	U		94		J	<1.8	U	
		VMP-7-29.5-080311	8/3/2011	<3.5	U		40			<2.5	U		<3.8	U		<1.4	U		<0.82	U		200			<4.4	U	
		VMP-7-29.5-111111	11/11/2011	38			16			<4.8	U		<7.5	U		<2.8	U		<1.6	U		110			4.9	J	
		VMP-7-29.5-020112	2/1/2012	<1.4	U		15		J	<0.98	U		<6	U		<0.57	U		<0.32	U		61		J	<1.7	U	
		VMP-7-29.5-041312	4/13/2012	0.033			0.0078			<0.0061	U		<0.0094	U		0.0013	J		<0.002	U		0.023			0.021		
		VMP-7-29.5-072012	7/20/2012	0.036			0.031			<0.0063	U		<0.0097	U		<0.036	U		0.0013	J		0.0094			0.0061	J	
		VMP-7-29.5-072012-Dup	7/20/2012	0.03			0.032			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U		0.0086	J		0.0067	J	
		VMP-7-29.5-101012	10/10/2012	0.064			0.0098			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0052	J		0.0031	J	
		VMP-7-29.5-060613	6/6/2013	0.013	J		0.0082			<0.01	U		<0.016	U		<0.059	U		<0.0033	U		0.0076	J		0.008	J	
		VMP-7-29.5-073013	7/30/2013	0.036			0.0011	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0068	J	
		VMP-7-29.5-102213	10/22/2013	0.01	J		0.0032	J		<0.009	U		<0.014	U		0.0015	J		<0.003	U		0.0015	J		0.0018	J	
		VMP-7-29.5-022414	2/24/2014	0.0089	J		<0.0037	J	U	<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-7-29.5-043014	4/30/2014	0.0086	J		0.0013	J		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.0024	J	
		VMP-7-29.5-080514	8/5/2014	0.022	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	J	U	<0.0032	U		<0.014	U		<0.017	U	
		VMP-7-29.5-102714	10/27/2014	0.022	J		0.0044			<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.0062	J		0.0095	J	
		VMP-7-29.5-020215	2/2/2015	0.0042	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-7-29.5-043015	4/30/2015	0.02	J		0.0012	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0095	J	
		VMP-7-29.5-072715	7/27/2015	0.12			<0.0044	J	U	<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.031		
		VMP-7-29.5-102815	10/28/2015	0.026	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0057	J	
		VMP-7-29.5-012716	1/27/2016	0.016	J		0.0012	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-7-29.5-042916	4/29/2016	0.012	J		0.0018	J		<0.017	U		<0.026	U		<0.097	U		<0.0055	U		<0.024	U		<0.029	U	
		VMP-7-29.5-072616	7/26/2016	0.018	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-7-29.5-102516	10/25/2016	0.011	J		0.00061	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0038	J	
	38 ft	VMP-7-38	11/9/2009	<0.63	U		54		J	<0.44	U		<0.68	U		<0.26	U		<0.15	U					<0.19	U	
		VMP-7-38-020711	2/7/2011	1.8	J		57			<5.8	U		<8.9	U		<3.4	U		<1.9	U					<2.6	U	
		VMP-7-38-040711	4/7/2011	<2.1	U		24		J	<1.5	U		<2.3	U		<0.85	U		<0.49	U		120		J	<2.6	U	
		VMP-7-38-020112	2/1/2012	<2	U		15		J	<1.4	U		<8.7	U		<0.82	U		<0.46	U		63		J	<2.5	U	
		VMP-7-38-042512	4/25/2012	0.015	J		0.48			<0.0061	U		<0.0094	U		<0.036	U		<0.002	U		0.019			0.015		
		VMP-7-38-042512-Dup	4/25/2012	0.056			0.54			<0.0061	U		<0.0094	U		<0.036	U		<0.002	U		0.026			0.023		
		VMP-7-38-101112	10/11/2012	0.021	J		0.012			<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-7-38-060613	6/6/2013	0.02	J		0.0022	J		0.012			<0.017	U		<0.062	U		<0.0036	U		0.025			0.034		
		VMP-7-38-073013	7/30/2013	0.49			0.002	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.011	J	
		VMP-7-38-110113	11/1/2013	0.043			0.0033	J		0.00057	J		<0.014	U		<0.054	U		<0.0031	U		0.0049	J		0.008	J	
		VMP-7-38-022414	2/24/2014	0.0081	J		<0.0034	J	U	<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		<0.012	U	
		VMP-7-38-043014	4/30/2014	0.065			<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0027	J	
		VMP-7-38-043014-DUP	4/30/2014	0.0069	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-7-38-080514	8/5/2014	0.0089	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	J	U	<0.0028	U		<0.012	U		<0.015	U	
		VMP-7-38-080514-DUP	8/5/2014	0.01	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	J	U	<0.0028	U		<0.012	U		<0.015	U	
		VMP-7-38-102714	10/27/2014	0.034			0.012			<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		0.0051	J		0.019		
		VMP-7-38-020215	2/2/2015	0.005	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-7-38-043015	4/30/2015	0.02	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.005	J	
		VMP-7-38-072715	7/27/2015	0.014	J		<0.0043	J	U	<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0046	J	
		VMP-7-38-102815	10/28/2015	0.035			<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0082	J	
		VMP-7-38-102815-DUP	10/28/2015	<0.028	J	U	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0029	J	
		VMP-7-38-012716	1/27/2016	0.013	J		0.0007	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-7-38-012716-DUP	1/27/2016	0.015	J		0.00063	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-7-38-042916	4/29/2016	0.012	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.003	J	
		VMP-7-38-042916-DUP	4/29/2016	0.026	J		0.00091	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0067	J	
		VMP-7-38-072616	7/26/2016	0.0091	J		<0.005	U		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		<0.019	U	
		VMP-7-38-072616-DUP	7/26/2016	0.014	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-7-38-102516	10/25/2016	0.013	J		0.0006	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		0.0037	J	
		VMP-7-38-102516-Dup	10/25/2016	0.011	J		<0.0083	U		<0.017	U		<0.027	U		<0.1	U		<0.0057	U		<0.025	U		<0.031	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5	11/10/2009	0.015			<0.003	U		<0.007	U		<0.012	U		<0.004	U		<0.002	U					0.0043		
		VMP - 8 - 5 - 083010	8/30/2010	0.043			0.021			<0.009	U		<0.014	U		0.008			<0.003	U					0.015		
		VMP-8-5-111810	11/17/2010	0.012			<0.0037	U		0.0012	J		<0.012	U		<0.0045	U		<0.0026	U					0.0017	J	
		VMP-8-5-021011	2/10/2011	0.0072	J		0.014			<0.0083	U		<0.013	U		<0.0048	U		<0.0027	U					<0.0036	U	
		VMP-8-5-040711	4/7/2011	0.055			1.2			<0.0092	U		<0.014	U		<0.0054	U		<0.003	U		<0.013	U		0.0024	J	
		VMP-8-5-072711	7/27/2011	0.037			0.11			<0.0099	U		<0.015	U		<0.0057	U		<0.0033	U		<0.014	U		0.042		
		VMP-8-5-110311	11/3/2011	0.037			0.0072			<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U		0.0057	J		0.0027	J	
		VMP-8-5-012312	1/23/2012	0.0082	J		0.023			<0.0071	U		<0.011	U		<0.0041	U		<0.0023	U		0.0072	J		0.0073	J	
		VMP-8-5-041012	4/10/2012	0.014	J		0.0025	J		<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U		<0.0091	U		0.0029	J	
		VMP-8-5-071312	7/13/2012	0.052			0.00084	J		<0.0054	U		<0.0083	U		<0.031	U		<0.0018	U		<0.0076	U		0.0086	J	
		VMP-8-5-073112	7/31/2012	0.078			0.064			<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		<0.0098	U		0.047		
		VMP-8-5-100412	10/4/2012	0.019	J		0.0031	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-8-5-100412-Dup	10/4/2012	0.027	J		0.0038	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-8-5-012413	1/24/2013	0.06			0.00077	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.041		
		VMP-8-5-042513	4/25/2013	0.0078	J		<0.0046	J	U	<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-8-5-073013	7/30/2013	0.16			0.003	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.01	J	
		VMP-8-5-102213	10/22/2013	0.023	J		0.0051			<0.0089	U		<0.014	U		<0.052	U		<0.003	U		0.017			0.0077	J	
		VMP-8-5-021014	2/10/2014	<0.029	U		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-8-5-042514	4/25/2014	0.038			<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0097	J	
		VMP-8-5-073014	7/30/2014	0.01	J		<0.0046	U		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		<0.014	U		0.0026	J	
		VMP-8-5-103114	10/31/2014	0.0085	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-8-5-020915	2/9/2015	0.0081	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-8-5-042715	4/27/2015	0.0076	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-8-5-072815	7/28/2015	0.031			0.0038	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.0094	J		0.0089	J	
		VMP-8-5-102715	10/27/2015	<0.031	J	U	<0.0042	J	U	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0067	J	
		VMP-8-5-012716	1/27/2016	0.018	J		0.00083	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0083	J		0.005	J	
		VMP-8-5-042916	4/29/2016	0.0062	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0026	J		<0.016	U	
		VMP-8-5-072916	7/29/2016	0.04			<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.029		
		VMP-8-5-102516	10/25/2016	<0.03	J	U	<0.004	J	U	<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	9.5 ft	VMP-8-9.5	11/10/2009	<0.011	U		<0.003	U		<0.007	U		<0.012	U		<0.004	U		<0.002	U					<0.003	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	0.04			0.015		J	<0.0081	U		<0.012	U		0.0068			<0.0027	U					0.0061		
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	0.041			0.012		J	<0.0083	U		<0.013	U		0.0079			<0.0027	U					0.0097		
		VMP-8-9.5-111810	11/17/2010	0.0095	J		0.0025	J		0.0017	J		<0.012	U		<0.0047	U		<0.0027	U					0.0013	J	
		VMP-8-9.5-021011	2/10/2011	0.015			<0.004	U		<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U					<0.0037	U	
		VMP-8-9.5-040711	4/7/2011	0.0089	J		0.93			<0.0092	U		<0.014	U		<0.0054	U		<0.003	U		<0.013	U		0.0023	J	
		VMP-8-9.5-072711	7/27/2011	0.035			0.19			<0.0071	U		<0.011	U		<0.0041	U		<0.0024	U		0.012			0.038		
		VMP-8-9.5-110311	11/3/2011	0.021			0.0053			<0.0056	U		<0.0087	U		<0.0033	U		<0.0018	U		0.0058	J		0.002	J	
		VMP-8-9.5-012312	1/23/2012	0.026			0.0026	J		<0.0068	U		<0.01	U		<0.0039	U		<0.0022	U		<0.0096	U		0.0023	J	
		VMP-8-9.5-041012	4/10/2012	0.012	J		0.0046			0.00078	J		<0.0099	U		<0.037	U		<0.0021	U		<0.0091	U		<0.011	U	
		VMP-8-9.5-071312	7/13/2012	0.011	J		<0.003	U		<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U		<0.0089	U		<0.011	U	
		VMP-8-9.5-071312-Dup	7/13/2012	0.0094	J		<0.0028	U		<0.006	U		<0.0092	U		<0.035	U		<0.002	U		<0.0085	U		<0.01	U	
		VMP-8-9.5-100412	10/4/2012	0.035	J		0.021			<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-8-9.5-012413	1/24/2013	0.0078	J		0.0011	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-8-9.5-012413-Dup	1/24/2013	0.0022	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-8-9.5-042513	4/25/2013	0.016	J		0.0035	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.003	J	
		VMP-8-9.5-073013	7/30/2013	0.013	J		0.00098	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.015			0.0048	J	
		VMP-8-9.5-102213	10/22/2013	0.016	J		0.00099	J		<0.009	U		<0.014	U		0.0017	J		<0.003	U		0.0093	J		0.0038	J	
		VMP-8-9.5-021014	2/10/2014	<0.028	U		0.0093			<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-8-9.5-021014-Dup	2/10/2014	0.0058	J		0.0051			<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-8-9.5-042514	4/25/2014	<0.032	U		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-8-9.5-073014	7/30/2014	0.031			0.0041			0.0023	J		<0.013	U		<0.049	U		<0.0028	U		0.01	J		0.006	J	
		VMP-8-9.5-103114	10/31/2014	0.0084	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-8-9.5-020915	2/9/2015	0.0098	J		0.019			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0027	J	
		VMP-8-9.5-042715	4/27/2015	0.016	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-8-9.5-072815	7/28/2015	0.018	J		<0.0049	J	U	<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.005	J	
		VMP-8-9.5-102715	10/27/2015	<0.035	J	U	<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0094	J	
		VMP-8-9.5-012716	1/27/2016	0.01	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.0052	J		<0.014	U	
		VMP-8-9.5-042916	4/29/2016	0.014	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.0035	J	
		VMP-8-9.5-072916	7/29/2016	0.0065	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-8-9.5-102516	10/25/2016	<0.028	J	U	<0.0038	J	U	<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	J	U

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	23.5 ft	VMP-8-23.5	11/10/2009	<0.011	U		<0.003	U		<0.008	U		<0.012	U		<0.004	U		<0.002	U					<0.003	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	0.02			0.013			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U					0.0044		
		VMP-8-23.5-111910	11/19/2010	0.033			0.0029	J		<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U					0.0068		
		VMP-8-23.5-021011	2/10/2011	<0.013	U		0.0079			<0.009	U		<0.014	U		<0.0052	U		<0.003	U					<0.004	U	
		VMP-8-23.5-040711	4/7/2011	0.01	J		1.2		J	<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-8-23.5-040711-DUP	4/7/2011	0.0093	J		0.73		J	<0.013	U		<0.021	U		<0.0078	U		<0.0044	U		<0.019	U		<0.024	U	
		VMP-8-23.5-081011	8/10/2011	0.043			0.18			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U		0.02			0.012	J	
		VMP-8-23.5-110611	11/6/2011	0.019			0.0031			<0.0064	U		<0.0099	J	U	<0.0037	U		<0.0021	U		<0.0091	U		0.0053	J	
		VMP-8-23.5-012312	1/23/2012	0.0068	J		0.0068			<0.0071	U		<0.011	U		<0.0041	U		<0.0023	U		<0.01	U		0.0039	J	
		VMP-8-23.5-041012	4/10/2012	0.032			0.0056			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U		<0.0089	U		<0.011	U	
		VMP-8-23.5-071312	7/13/2012	0.025			0.0028	J		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		<0.0098	U		<0.012	U	
		VMP-8-23.5-100412	10/4/2012	0.036			0.018			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-8-23.5-012413	1/24/2013	0.0064	J		0.01			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-8-23.5-050113	5/1/2013	0.14			0.00097	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0079	J	
		VMP-8-23.5-073013	7/30/2013	0.021	J		0.001	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0068	J	
		VMP-8-23.5-073013-Dup	7/30/2013	0.018	J		0.001	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0048	J	
		VMP-8-23.5-102213	10/22/2013	0.013	J		0.0012	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.003	J	
		VMP-8-23.5-021014	2/10/2014	<0.031	U		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-8-23.5-042514	4/25/2014	<0.033	U		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-8-23.5-073014	7/30/2014	0.018	J		0.0013	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0033	J	
		VMP-8-23.5-103114	10/31/2014	0.0057	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-8-23.5-020915	2/9/2015	0.011	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.003	J	
		VMP-8-23.5-050515-R	5/5/2015	0.017	J		0.007			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.011	J	
		VMP-8-23.5-072815	7/28/2015	0.046			0.0063			<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.015			0.0063	J	
		VMP-8-23.5-102715	10/27/2015	0.034			<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0056	J	
		VMP-8-23.5-012716	1/27/2016	0.0083	J		0.003	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-8-23.5-042916	4/29/2016	0.0052	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-8-23.5-072916	7/29/2016	0.02	J		0.0085			<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.0096	J	
		VMP-8-23.5-072916-DUP	7/29/2016	0.01	J		0.0074			<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0029	J	
		VMP-8-23.5-102516	10/25/2016	0.016	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0049	J	
	35.5 ft	VMP-8-35.5-042514	4/25/2014	<0.032	U		0.022			<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.016		
		VMP-8-35.5-073014	7/30/2014	0.18			0.0013	J		0.0024	J		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0023	J	
		VMP-8-35.5-103114	10/31/2014	0.015	J		0.001	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-8-35.5-103114-DUP	10/31/2014	0.0063	J		0.001	J		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-8-35.5-020915	2/9/2015	0.006	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-8-35.5-042715	4/27/2015	0.0047	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-8-35.5-072815	7/28/2015	0.035			<0.0046	J	U	<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0053	J	
		VMP-8-35.5-072815-DUP	7/28/2015	0.035			<0.0041	J	U	<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0079	J	
		VMP-8-35.5-012816	1/28/2016	0.0087	J		<0.0047	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-8-35.5-012816-DUP	1/28/2016	0.0095	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-8-35.5-042916	4/29/2016	0.0089	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-8-35.5-080316	8/3/2016	0.016	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-8-35.5-102516	10/25/2016	0.0057	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-8-35.5-102516-Dup	10/25/2016	0.0059	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5	11/11/2009	0.012			<0.003	U		<0.007	U		<0.012	U		<0.004	U		<0.002	U					0.0035		
		VMP-9-5-082610	8/26/2010	0.029			0.0088			<0.0076	U		<0.012	U		<0.0044	U		<0.0025	U					0.0053		
		VMP-9-5-111910	11/19/2010	0.014			<0.0038	U		<0.008	U		<0.012	U		<0.0046	U		<0.0026	U					<0.0035	U	
		VMP-9-5-020811	2/8/2011	0.013			<0.0035	U		<0.0074	U		<0.011	U		<0.0043	U		<0.0024	U					0.0015	J	
		VMP-9-5-040611	4/6/2011	0.026	J		0.11			<0.02	U		<0.031	U		<0.012	U		<0.0067	U		<0.029	U		0.0029	J	
		VMP-9-5-080211	8/2/2011	<0.56	U		<0.19	U		<0.4	U		<0.61	U		<0.23	U		<0.13	U		0.23	J		<0.7	U	
		VMP-9-5-110411	11/4/2011	0.014			0.0021	J		<0.0059	U		<0.009	U		<0.0034	U		<0.0019	U		0.0059	J		0.0048	J	
		VMP-9-5-012612	1/26/2012	0.012			0.011			<0.005	U		<0.0077	U		<0.0029	U		<0.0016	U		0.11			0.0086	J	
		VMP-9-5-041112	4/11/2012	0.011	J		0.0075			<0.006	U		<0.0092	U		<0.035	U		<0.002	U		<0.0085	U		0.0014	J	
		VMP-9-5-071312	7/13/2012	0.074			0.067			<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U		0.0055	J		0.024		
		VMP-9-5-101012	10/10/2012	0.026	J		0.0037	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-9-5-012513	1/25/2013	0.0061	J	J	0.0046		J	<0.0094	U	UJ	<0.014	U	UJ	<0.055	U	UJ	<0.0031	U	UJ	<0.013	U	UJ	<0.017	U	UJ
		VMP-9-5-021513	2/15/2013	0.0078	J		0.012			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0098	J		<0.016	U	
		VMP-9-5-050113	5/1/2013	0.013	J		0.0041	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.004	J		<0.017	U	
		VMP-9-5-073013	7/30/2013	0.022	J		0.001	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0045	J	
		VMP-9-5-102213	10/22/2013	0.012	J		0.00083	J		0.0072	J		<0.014	U		<0.053	U		<0.003	U		0.12			0.0051	J	
		VMP-9-5-122013-R	12/20/2013	0.0077	J		0.0017	J		<0.0088	J	U	<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0045	J	
		VMP-9-5-021114	2/11/2014	0.0075	J		0.002	J		0.0018	J		<0.011	U		<0.041	U		<0.0023	U		0.0042	J		<0.012	U	
		VMP-9-5-043014	4/30/2014	0.033			0.0008	J		0.0011	J		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0065	J	
		VMP-9-5-081114	8/11/2014	0.035			0.001	J		0.014	J	J	<0.014	U		<0.051	J	U	<0.0029	U		0.014			0.0046	J	
		VMP-9-5-110614	11/6/2014	0.0098	J		0.0013	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-9-5-021115	2/11/2015	0.01	J		0.00095	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0032	J	
		VMP-9-5-050415	5/4/2015	0.023	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-9-5-072815	7/28/2015	0.036			<0.0045	J	U	0.0017	J		<0.014	U		<0.055	U		<0.0031	U		0.041			0.0082	J	
		VMP-9-5-102815	10/28/2015	<0.031	J	U	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0019	J	
		VMP-9-5-012816	1/28/2016	0.013	J		0.0012	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-9-5-042816	4/28/2016	0.019	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0048	J	
		VMP-9-5-080116	8/1/2016	0.023	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0057	J	
		VMP-9-5-102516	10/25/2016	<0.031	J	U	<0.0042	J	U	<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	J	U
		VMP-9-5-120916	12/9/2016	0.013	J		0.0012	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		0.012			0.005	J	
	11.5 ft	VMP-9-11.5	11/11/2009	0.017			<0.004	U		<0.009	U		<0.014	U		<0.005	U		<0.003	U					0.0045		
		VMP-9-11.5-082610	8/26/2010	<0.24	U		0.16			<0.17	U		<0.26	U		<0.1	U		<0.057	U					<0.076	U	
		VMP-9-11.5-111910	11/19/2010	<0.71	U		0.11	J		<0.5	U		<0.77	U		<0.29	U		<0.16	U					<0.22	U	
		VMP-9-11.5-020911	2/9/2011	0.0074	J		<0.0043	U		<0.009	U		<0.014	U		<0.0052	U		<0.003	U					<0.004	U	
		VMP-9-11.5-020911-DUP	2/9/2011	0.0088	J		<0.0033	U		<0.007	U		<0.011	U		<0.004	U		<0.0023	U					<0.0031	U	
		VMP-9-11.5-040611	4/6/2011	0.026	J		0.025			<0.026	U		<0.041	U		<0.015	U		<0.0087	U		0.009	J		0.0044	J	
		VMP-9-11.5-080211	8/2/2011	<0.84	U		0.48			<0.59	U		<0.91	U		<0.34	U		<0.19	U		4.8			<1	U	
		VMP-9-11.5-110411	11/4/2011	0.017			0.013			<0.0059	U		<0.009	U		<0.0034	U		<0.0019	U		0.061			0.0087	J	
		VMP-9-11.5-012612	1/26/2012	0.024			0.0024	J		<0.0052	U		<0.008	U		<0.003	U		<0.0017	U		0.026			0.015		
		VMP-9-11.5-041112	4/11/2012	0.012	J		0.0074			0.0012	J		<0.0094	U		<0.036	U		<0.002	U		<0.0087	U		0.0026	J	
		VMP-9-11.5-071312	7/13/2012	0.089			0.017			<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		<0.0098	U		0.023		
		VMP-9-11.5-101012	10/10/2012	0.051			0.0066			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-9-11.5-012513	1/25/2013	0.012	J		0.002	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.025		J	<0.014	U	
		VMP-9-11.5-012513-DUP	1/25/2013	0.006	J		0.0015	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.052		J	<0.015	U	
		VMP-9-11.5-050113	5/1/2013	0.013	J		<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		0.0048	J		<0.018	U	
		VMP-9-11.5-073013	7/30/2013	0.028	J		0.0022	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.008	J	
		VMP-9-11.5-102213	10/22/2013	0.0093	J		0.016			0.0073	J		<0.013	U		<0.05	U		<0.0029	U		0.0021	J		0.005	J	
		VMP-9-11.5-122013-R	12/20/2013	<0.031	U		<0.0042	U		<0.0089	J	U	<0.014	U		<0.051	U		<0.0029	U		0.013			<0.016	U	
		VMP-9-11.5-021114	2/11/2014	0.01	J		0.0011	J		0.0018	J		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-9-11.5-043014	4/30/2014	0.022	J		0.0011	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.004	J	
		VMP-9-11.5-081114	8/11/2014	0.023	J		0.0017	J		0.021	J	J	<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-9-11.5-110614	11/6/2014	0.0096	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-9-11.5-021115	2/11/2015	0.012	J		0.001	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-9-11.5-050415	5/4/2015	0.0052	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-9-11.5-072815	7/28/2015	0.068			<0.0043	J	U	0.002	J		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.014	J	
		VMP-9-11.5-102815	10/28/2015	0.023	J		0.00095	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.006	J	
		VMP-9-11.5-012816	1/28/2016	0.015	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-9-11.5-042816	4/28/2016	0.012	J		0.0013	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-9-11.5-080116	8/1/2016	0.033	J		0.0028	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-9-11.5-080116-DUP	8/1/2016	0.036			0.0075			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-9-11.5-102516	10/25/2016	0.038			<0.004	J	U	0.0012	J		<0.013	U		<0.048	U		<0.0027	U		0.0073	J		0.0077	J	
		VMP-9-11.5-120916	12/9/2016	0.0089	J		<0.0042	U		0.0021	J		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	25.5 ft	VMP-9-25.5	11/10/2009	<2.6	U		12		J	<1.8	U		<2.8	U		<1.1	U		<0.61	U					<0.81	U	
		VMP-9-25.5-D	11/10/2009	<2.3	U		4.9		J	<1.6	U		<2.6	U		<0.96	U		<0.55	U					<0.73	U	
		VMP-9-25.5-082610	8/26/2010	<1.9	U		3.2			<1.4	U		<2.1	U		<0.78	U		<0.44	U					<0.59	U	
		VMP-9-25.5-082610-DUP	8/26/2010	<2	U		3.3			<1.4	U		<2.2	U		<0.84	U		<0.48	U					<0.64	U	
		VMP-9-25.5-111910	11/19/2010	<2.2	U		1.9			<1.5	U		<2.4	U		<0.89	U		<0.51	U					<0.68	U	
		VMP-9-25.5-020911	2/9/2011	<1.2	U		0.079	J		<0.84	U		<1.3	U		<0.49	U		<0.28	U					<0.37	U	
		VMP-9-25.5-040811	4/8/2011	0.69			0.82			<0.43	U		<0.66	U		<0.25	U		<0.14	U		2.4			<0.75	U	
		VMP-9-25.5-080211	8/2/2011	<1.3	U		0.68		J	<0.94	U		<1.4	U		<0.55	U		<0.31	U		35		J	<1.7	U	
		VMP-9-25.5-110711	11/7/2011	1.4			0.19	J		<0.83	U		0.18	J		<0.48	U		<0.28	U		4.4			1	J	
		VMP-9-25.5-110711-DUP	11/7/2011	1.6			0.19	J		<0.72	U		0.13	J		<0.42	U		<0.24	U		6.1			1.3		
		VMP-9-25.5-012612	1/26/2012	<0.3	U		0.24		J	<0.22	U		<1.3	U		<0.12	U		<0.071	U		10		J	<0.38	U	
		VMP-9-25.5-041112	4/11/2012	0.011	J		0.0038			0.0022	J		<0.0094	U		<0.036	U		<0.002	U		<0.0087	U		0.0022	J	
		VMP-9-25.5-071312	7/13/2012	0.1			0.062			<0.0066	U		<0.01	U		<0.038	U	UJ	<0.0022	U		<0.0094	U		0.032		
		VMP-9-25.5-071312-Dup	7/13/2012	0.1			0.061			<0.0064	U		<0.0099	U		<0.037	U	UJ	<0.0021	U		<0.0091	U		0.032		
		VMP-9-25.5-101012	10/10/2012	0.019	J		0.005			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-9-25.5-013013	1/30/2013	0.02	J		0.0018	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-9-25.5-050113	5/1/2013	0.0094	J		0.011			<0.01	U		<0.016	U		<0.059	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-9-25.5-050113-Dup	5/1/2013	0.018	J		0.0073			<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		<0.018	U	
		VMP-9-25.5-073013	7/30/2013	0.015	J		0.00089	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0068	J	
		VMP-9-25.5-102213	10/22/2013	0.009	J		0.00079	J		0.0016	J		<0.014	U		<0.051	U		<0.0029	U		0.0069	J		0.0074	J	
		VMP-9-25.5-102213-Dup	10/22/2013	0.0064	J		0.00065	J		0.0014	J		<0.014	U		<0.052	U		<0.003	U		0.0048	J		0.0033	J	
		VMP-9-25.5-021114	2/11/2014	0.0077	J		0.0013	J		0.001	J		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-9-25.5-043014	4/30/2014	0.022	J		0.0011	J		0.0018	J		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		0.0044	J	
		VMP-9-25.5-081114	8/11/2014	0.04			0.0037	J		0.0061	J	J	<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0078	J	
		VMP-9-25.5-021115	2/11/2015	0.0073	J		0.0079			<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		0.005	J		<0.015	U	
		VMP-9-25.5-050415	5/4/2015	0.017	J	J	0.0038	J	J	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.39		J	0.0048	J	J
		VMP-9-25.5-052915-R	5/29/2015	0.014	J		0.0012	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0079	J	
		VMP-9-25.5-072815	7/28/2015	0.023	J		<0.0041	J	U	<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0059	J	
		VMP-9-25.5-102815	10/28/2015	<0.028	J	U	0.0011	J		<0.008	J	U	<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0042	J	
		VMP-9-25.5-012816	1/28/2016	0.029	J		0.00086	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0038	J	
		VMP-9-25.5-042816	4/28/2016	0.014	J		0.0013	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-9-25.5-080116	8/1/2016	0.031	J		0.00097	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0066	J	
		VMP-9-25.5-102516	10/25/2016	<0.03	J	U	<0.004	J	U	<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	J	U
		VMP-9-25.5-120916	12/9/2016	0.0086	J		0.0011	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.004	J		<0.014	U	
	38.5 ft	VMP-9-38.5	11/10/2009	<5.2	U		1300		J	<3.7	U		<5.7	U		<2.1	U		<1.2	U					<1.6	U	
		VMP-9-38.5-020911	2/9/2011	<2	U		0.89			<1.4	U		<2.2	U		<0.81	U		<0.46	U					<0.62	U	
		VMP-9-38.5-040811	4/8/2011	2.4	J		4			<1.9	U		<2.9	U		<1.1	U		<0.62	U		39			<3.3	U	
		VMP-9-38.5-012612	1/26/2012	<0.4	U		1.1		J	<0.28	U		<1.7	U		<0.16	U		<0.093	U		12		J	<0.5	U	
		VMP-9-38.5-041112	4/11/2012	0.019	J		0.01			0.0012	J		<0.0083	U		<0.031	U		<0.0018	U		<0.0076	U		0.0026	J	
		VMP-9-38.5-071312	7/13/2012	0.11			0.21			<0.0071	U		<0.011	U		<0.041	J	UJ	<0.0023	U		0.0066	J		0.041		
		VMP-9-38.5-101012	10/10/2012	0.019	J		1.2			<0.026	U		<0.041	U		<0.15	U		<0.0087	U		0.23			<0.046	U	
		VMP-9-38.5-013013	1/30/2013	0.015	J		0.0018	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0068	J		<0.017	U	
		VMP-9-38.5-050113	5/1/2013	0.017	J		0.0023	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.014	J		0.004	J	
		VMP-9-38.5-073113	7/31/2013	0.036			0.0017	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.012	J	
		VMP-9-38.5-102213	10/22/2013	0.015	J		0.00098	J		0.0007	J		0.00049	J		0.0027	J		<0.0031	U		0.018			0.0073	J	
		VMP-9-38.5-021114	2/11/2014	0.005	J		0.001	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-9-38.5-081114	8/11/2014	0.028	J		0.0014	J		<0.01	U		<0.015	U		<0.058	J	U	<0.0033	U		<0.014	U		<0.018	U	
		VMP-9-38.5-050415	5/4/2015	<0.18	U		<0.024	U		<0.05	U		<0.076	U		<0.29	U		<0.016	U		0.64		J	<0.087	U	
		VMP-9-38.5-050415-DUP	5/4/2015	0.054			0.0067			<0.006	U		<0.0093	U		<0.035	U		<0.002	U		0.023		J	0.0058	J	
		VMP-9-38.5-052915-R	5/29/2015	0.023	J		0.0017	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.046		
		VMP-9-38.5-072815	7/28/2015	0.038			0.0044			<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		0.011			0.0076	J	
		VMP-9-38.5-102815	10/28/2015	<0.033	J	U	<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0074	J	
		VMP-9-38.5-012816	1/28/2016	0.0089	J		0.00081	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-9-38.5-042816	4/28/2016	0.015	J		0.0011	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0046	J	
		VMP-9-38.5-072916	7/29/2016	0.024	J		0.0022	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-9-38.5-102516	10/25/2016	0.018	J		<0.0044	J	U	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	J	U
		VMP-9-38.5-120916	12/9/2016	0.011	J		0.0029	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.006	J		0.0036	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	0.033			0.02			<0.007	U		<0.011	U		<0.004	U		<0.002	U					0.0032		
		VMP-10-5-090710	9/7/2010	0.024			0.1			<0.0088	U		<0.014	U		0.0024	J		<0.0029	U					0.004		
		VMP-10-5-111810	11/17/2010	0.0074	J		0.00098	J		0.0015	J		<0.012	U		<0.0047	U		<0.0027	U					0.002	J	
		VMP-10-5-021011	2/10/2011	<0.011	U		<0.0038	U		<0.008	U		<0.012	U		<0.0046	U		<0.0026	U					<0.0035	U	
		VMP-10-5-040511	4/5/2011	0.035			0.38			<0.0074	U		<0.011	U		<0.0043	U		<0.0024	U		0.013			0.0082	J	
		VMP-10-5-07/2911	7/29/2011	0.13			0.07			<0.009	U		<0.014	U		<0.0052	U		<0.003	U		<0.013	U		0.016	J	
		VMP-10-5-110411	11/4/2011	0.018			0.0033			<0.0046	U		<0.0072	U		<0.0027	U		<0.0015	U		<0.0066	U		0.0071	J	
		VMP-10-5-012512	1/26/2012	0.007	J		0.018			0.00086	J		<0.009	U		<0.0034	U		<0.0019	U		0.0059	J		0.0033	J	
		VMP-10-5-041212	4/12/2012	0.04			0.0078			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U		0.011			0.013		
		VMP-10-5-071312	7/13/2012	0.033			0.0025	J		<0.0065	U		<0.01	U		<0.037	U	UJ	<0.0021	U		<0.0092	U		0.0057	J	
		VMP-10-5-101612	10/16/2012	0.032	J		1.9			<0.01	U		<0.016	U		<0.059	U		<0.0034	U		0.085			<0.018	U	
		VMP-10-5-012913	1/29/2013	0.0075	J		0.0017	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.022		J	<0.017	U	
		VMP-10-5-012913-DUP	1/29/2013	0.01	J		<0.005	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.037		J	<0.018	U	
		VMP-10-5-043013	4/30/2013	0.012	J		0.01			<0.011	U		<0.017	U		<0.062	U		<0.0036	U		<0.015	U		0.0048	J	
		VMP-10-5-073013	7/30/2013	0.033			0.0063			<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0052	J	
		VMP-10-5-111313	11/13/2013	0.0097	J		0.00071	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-10-5-021214	2/12/2014	0.016	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0057	J	
		VMP-10-5-022614-R	2/26/2014	0.012	J		0.0024	J		<0.008	U		<0.012	U		<0.047	J	U	<0.0026	U		0.12			0.0045	J	
		VMP-10-5-042914	4/29/2014	0.014	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		0.0026	J	
		VMP-10-5-073114	7/31/2014	0.021	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0034	J	
		VMP-10-5-103014	10/30/2014	0.0072	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-10-5-020515	2/5/2015	0.006	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-10-5-043015	4/30/2015	0.013	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0042	J	
		VMP-10-5-072815	7/28/2015	0.028	J		0.019			<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.0096	J		0.0073	J	
		VMP-10-5-103015	10/30/2015	0.03			<0.004	J	U	<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0077	J	
		VMP-10-5-012916	1/29/2016	0.011	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0079	J		0.0038	J	
		VMP-10-5-050216	5/2/2016	<0.033	J	U	0.00072	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-10-5-082616	8/26/2016	0.041			<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0065	J		0.0073	J	
		VMP-10-5-110216	11/2/2016	0.02	J		<0.0041	J	U	<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
	10 ft	VMP-10-10	11/11/2009	<0.011	U		<0.003	U		<0.007	U		<0.012	U		<0.004	U		<0.002	U					<0.003	U	
		VMP-10-10-090710	9/7/2010	0.023			0.075			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U					0.0033	J	
		VMP-10-10-111810	11/17/2010	0.01	J		0.001	J		0.0023	J		<0.013	U		<0.005	U		<0.0028	U					0.0018	J	
		VMP-10-10-021111	2/11/2011	0.011			0.0011	J		<0.0068	U		<0.01	U		<0.0039	U		<0.0022	U					0.0081		
		VMP-10-10-040611	4/6/2011	0.0084	J		0.067			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U		0.0086	J		0.0015	J	
		VMP-10-10-072911	7/29/2011	0.061			0.072			<0.0092	U		<0.014	U		<0.0054	U		<0.003	U		<0.013	U		0.023		
		VMP-10-10-110411	11/4/2011	0.012		J	0.0063			<0.006	J	U	<0.0092	J	U	<0.0035	U		<0.002	U		<0.0085	U		0.0045	J	
		VMP-10-10-110411-DUP	11/4/2011	0.051		J	0.0067			<0.006	U		<0.0092	J	U	<0.0035	U		<0.002	U		<0.0085	U		0.01	J	
		VMP-10-10-012512	1/26/2012	0.017			0.0042		J	<0.0059	U		<0.009	U		<0.0034	U		<0.0019	U		<0.0083	U	UJ	0.014		
		VMP-10-10-012512-DUP	1/26/2012	0.02			0.048		J	0.0007	J		<0.0094	U		<0.0036	U		<0.002	U		0.026		J	0.015		
		VMP-10-10-041112	4/11/2012	0.084			0.0096			<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U		0.0039	J		0.034		
		VMP-10-10-071312	7/13/2012	0.029			0.01			<0.0063	U		<0.0097	U		<0.036	U	UJ	<0.0021	U		<0.0089	U		0.0038	J	
		VMP-10-10-101612	10/16/2012	0.024	J		0.95			<0.01	U		<0.016	U		<0.061	U		<0.0035	U		0.084			<0.019	U	
		VMP-10-10-012913	1/29/2013	0.02	J		0.018			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0032	J		<0.015	U	
		VMP-10-10-043013	4/30/2013	0.013	J		0.0036	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0047	J		0.0029	J	
		VMP-10-10-073013	7/30/2013	0.01	J		0.00071	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		0.013			0.0058	J	
		VMP-10-10-111313	11/13/2013	0.0086	J		0.00074	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-10-10-021214	2/12/2014	0.0071	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-10-10-042914	4/29/2014	<0.029	U		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
		VMP-10-10-073114	7/31/2014	0.017	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.0049	J	
		VMP-10-10-103014	10/30/2014	<0.061	U		<0.0082	U		<0.017	U		<0.027	U		<0.1	U		<0.0057	U		<0.024	U		<0.03	U	
		VMP-10-10-020515	2/5/2015	0.006	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U	
		VMP-10-10-043015	4/30/2015	0.0072	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0036	J	
		VMP-10-10-072815	7/28/2015	0.027	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0079	J	
		VMP-10-10-103015	10/30/2015	0.025	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.004	J	
		VMP-10-10-021616	2/16/2016	0.017	J		<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		0.0026	J		0.0045	J	
		VMP-10-10-050216	5/2/2016	0.012	J		<0.005	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		<0.018	U	
		VMP-10-10-072816	7/28/2016	0.049			0.0021	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.058		
		VMP-10-10-110216	11/2/2016	0.012	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	20 ft	VMP-10-20	11/11/2009	0.014			<0.003	U		<0.007	U		<0.012	U		<0.004	U		<0.002	U					<0.003	U	
		VMP-10-20-D	11/11/2009	0.026			<0.003	U		<0.008	U		<0.013	U		<0.004	U		<0.002	U					0.0058		
		VMP-10-20-090710	9/7/2010	0.036			0.039		J	<0.0092	U		<0.014	U		<0.0054	U		<0.003	U					0.0058		
		VMP-10-20-090710-DUP	9/7/2010	0.029			0.019		J	<0.0086	U		<0.013	U		<0.005	U		<0.0028	U					0.0046		
		VMP-10-20-111810	11/17/2010	0.0093	J	J	<0.0078	U		0.0042	J		<0.025	U		<0.0095	U		<0.0054	U					<0.0072	U	
		VMP-10-20-111810-Dup	11/17/2010	0.14		J	0.0017	J		0.0017	J		<0.013	U		<0.0048	U		<0.0027	U					0.0014	J	
		VMP-10-20-021111	2/11/2011	0.0092	J		0.02			<0.0082	U		<0.013	U		<0.0047	U		<0.0027	U					<0.0036	U	
		VMP-10-20-040611	4/6/2011	0.05			0.18			<0.0098	U		<0.015	U		<0.0057	U		<0.0032	U		0.022			0.096		
		VMP-10-20-072911	7/29/2011	0.055			0.12			<0.0091	U		<0.014	U		<0.0053	U		<0.003	U		<0.013	U		0.016		
		VMP-10-20-110411	11/4/2011	0.014			0.0042			<0.006	U		<0.0092	J	U	<0.0035	U		<0.002	U		0.0064	J		0.007	J	
		VMP-10-20-012612	1/26/2012	0.031			0.066			0.00095	J		<0.0087	U		<0.0033	U		<0.0018	U		0.01			0.028		
		VMP-10-20-041212	4/12/2012	0.032			0.011			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U		0.0052	J		0.0068	J	
		VMP-10-20-071612	7/16/2012	0.021	J		0.0084			<0.006	U		<0.0092	U		<0.035	U	UJ	<0.002	U		<0.0085	U		0.003	J	
		VMP-10-20-101612	10/16/2012	0.077			0.16			<0.011	U		<0.016	U		<0.062	U		<0.0035	U		0.013	J		<0.019	U	
		VMP-10-20-012913	1/29/2013	0.011	J		0.0078			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0051	J		<0.016	U	
		VMP-10-20-043013	4/30/2013	0.0084	J		<0.005	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		<0.018	U	
		VMP-10-20-073013	7/30/2013	0.03			0.0022	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0064	J	
		VMP-10-20-102313	10/23/2013	0.011	J		0.0024	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0088	J		0.0019	J	
		VMP-10-20-021214	2/12/2014	0.0064	J		0.0012	J		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0057	J	
		VMP-10-20-042914	4/29/2014	0.046			<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-10-20-073114	7/31/2014	0.011	J		0.001	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0029	J	
		VMP-10-20-103014	10/30/2014	0.017	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-10-20-020515	2/5/2015	0.01	J		0.0054			<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-10-20-043015	4/30/2015	0.0093	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.012	J	
		VMP-10-20-072815	7/28/2015	0.04			0.002	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0092	J	
		VMP-10-20-072815-DUP	7/28/2015	0.049			0.0024	J		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		<0.014	U		0.012	J	
		VMP-10-20-103015	10/30/2015	0.019	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0024	J	
		VMP-10-20-012916	1/29/2016	0.0095	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0021	J	
		VMP-10-20-050216	5/2/2016	<0.031	J	U	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-10-20-072816	7/28/2016	0.027	J		<0.0089	U		<0.019	U		<0.029	U		<0.11	U		<0.0062	U		<0.026	U		<0.033	U	
		VMP-10-20-110216	11/2/2016	0.011	J		0.031			<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
	30 ft	VMP-10-30	11/13/2009	<0.012	U		0.19			<0.008	U		<0.013	U		<0.004	U		<0.002	U					<0.003	U	
		VMP-10-30-041212	4/12/2012	0.087			0.0039			<0.0066	U		<0.01	U		<0.038	J	UJ	<0.0022	U		0.0024	J		0.029		
		VMP-10-30-071612	7/16/2012	0.021			0.013			<0.0058	U		<0.0089	U		<0.034	U	UJ	<0.0019	U		<0.0082	U		0.0041	J	
		VMP-10-30-101612	10/16/2012	0.081			0.029			<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0059	J	
		VMP-10-30-012913	1/29/2013	0.013	J		0.0091			<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-10-30-043013	4/30/2013	0.012	J		0.0047			<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.0082	J		<0.017	U	
		VMP-10-30-073013	7/30/2013	0.02	J		<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0032	J	
		VMP-10-30-102813	10/28/2013	0.012	J		0.0027	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.0051	J		0.002	J	
		VMP-10-30-021214	2/12/2014	0.0073	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-10-30-042914	4/29/2014	0.14			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-10-30-073114	7/31/2014	0.011	J		0.0021	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.0019	J	
		VMP-10-30-073114-Dup	7/31/2014	0.009	J		0.002	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-10-30-103014	10/30/2014	0.0092	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-10-30-103014-DUP	10/30/2014	0.012	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-10-30-020515	2/5/2015	0.021	J		0.0032	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		0.031			0.0078	J	
		VMP-10-30-020515-DUP	2/5/2015	<0.03	U		0.0022	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.022			<0.015	U	
		VMP-10-30-043015	4/30/2015	0.0084	J		0.0014	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0064	J	
		VMP-10-30-072815	7/28/2015	0.013	J		<0.0047	J	U	<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.003	J	
		VMP-10-30-103015	10/30/2015	0.026	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0057	J	
		VMP-10-30-012916-DUP	1/29/2016	0.011	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.004	J		0.0021	J	
		VMP-10-30-050216	5/2/2016	0.016	J		0.0012	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		0.0068	J		0.006	J	
		VMP-10-30-050216-DUP	5/2/2016	0.014	J		0.00098	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		0.0072	J		<0.016	U	
		VMP-10-30-072816	7/28/2016	0.015	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-10-30-110216	11/2/2016	0.0085	J		<0.005	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.085	U		4.9			<0.06	U		<0.092	U		<0.035	U		<0.02	U					<0.026	U	
		VMP-11-5-090710	9/7/2010	0.036			0.014			<0.0083	U		<0.013	U		<0.0048	U		<0.0027	U					0.0048		
		VMP-11-5-112210	11/22/2010	0.015			0.00089	J		<0.0086	U		<0.013	U		<0.005	U		<0.0028	U					0.0034	J	
		VMP-11-5-021511	2/15/2011	0.018			0.0023	J		<0.0076	U		<0.012	U		<0.0044	U		<0.0025	U					0.0028	J	
		VMP-11-5-040611	4/6/2011	0.02	J		8.9			<0.072	U		<0.11	U		<0.042	U		<0.024	U		0.86			<0.13	U	
		VMP-11-5-080711	8/7/2011	0.065	J		0.1			<0.1	U		<0.15	U		<0.058	U		<0.033	U		<0.14	U		<0.18	U	
		VMP-11-5-111111	11/11/2011	0.0078	J		0.016			<0.02	U		<0.03	U		<0.011	U		<0.0065	U		0.74			<0.035	U	
		VMP-11-5-012612	1/26/2012	0.014			0.0017	J		<0.0059	U		<0.009	U		<0.0034	U		<0.0019	U		<0.0083	U		0.0036	J	
		VMP-11-5-041912	4/19/2012	0.042			0.061			<0.0066	U		<0.01	U		<0.038	U		<0.0022	U		0.0034	J		0.047		
		VMP-11-5-071912	7/16/2012	0.036			0.006			<0.0085	U		<0.013	U		<0.049	U	UJ	<0.0028	U		<0.012	U		0.004	J	
		VMP-11-5-101612	10/16/2012	0.028	J		0.003	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.0038	J	
		VMP-11-5-012913	1/29/2013	13			<0.23	U		<0.48	U		<0.74	U		<2.8	U		<0.16	U		<0.68	U		<0.85	U	
		VMP-11-5-043013	4/30/2013	0.014	J		<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-11-5-073113	7/31/2013	0.018	J		0.0016	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0087	J	
		VMP-11-5-102813	10/28/2013	0.01	J		0.0015	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-11-5-022114	2/21/2014	0.0089	J		0.0016	J		0.0025	J		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-11-5-043014	4/30/2014	0.023	J		0.00089	J		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0043	J	
		VMP-11-5-073114	7/31/2014	0.014	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0027	J	
		VMP-11-5-103014	10/30/2014	0.01	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-11-5-020515	2/5/2015	0.0082	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-11-5-043015	4/30/2015	0.0099	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0069	J	
		VMP-11-5-072815	7/28/2015	0.019	J		0.018			<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.0099	J		0.0081	J	
		VMP-11-5-103015	10/30/2015	0.016	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0032	J	
		VMP-11-5-012916	1/29/2016	0.013	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0034	J	
		VMP-11-5-050216	5/2/2016	0.013	J		0.001	J		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		0.0051	J		<0.014	U	
		VMP-11-5-080116	8/1/2016	0.086			<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		0.015	J	
		VMP-11-5-110116	11/1/2016	0.027	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0049	J	
	8 ft	VMP-11-8	11/17/2009	0.04			0.46			<0.008	U		<0.013	U		<0.004	U		<0.002	U					0.0069		
		VMP-11-8-090810	9/8/2010	0.017			0.024			<0.0086	U		<0.013	U		<0.005	U		<0.0028	U					0.0023	J	
		VMP-11-8-112210	11/22/2010	0.014			0.0017	J		<0.0086	U		<0.013	U		<0.005	U		<0.0028	U					<0.0038	U	
		VMP-11-8-021111	2/11/2011	0.0085	J		0.03			<0.0084	U		<0.013	U		<0.0048	U		<0.0028	U					<0.0037	U	
		VMP-11-8-021111-DUP	2/11/2011	0.0066	J		0.014			<0.0079	U		<0.012	U		<0.0046	U		<0.0026	U					<0.0035	U	
		VMP-11-8-040611	4/6/2011	<0.053	U		6.2			<0.037	U		<0.057	U		<0.022	U		<0.012	U		0.23			<0.065	U	
		VMP-11-8-040611-DUP	4/6/2011	0.018	J		5.5			<0.032	U		<0.05	U		<0.019	U		<0.011	U		0.17			<0.057	U	
		VMP-11-8-080711	8/7/2011	0.057	J		0.33			<0.1	U		<0.15	U		<0.058	U		<0.033	U		<0.14	U		0.028	J	
		VMP-11-8-111411	11/14/2011	0.019			0.7			<0.0059	U		<0.0091	U		<0.0034	U		<0.0019	U		0.042			0.0052	J	
		VMP-11-8-012612	1/26/2012	0.0075	J		0.0016	J		<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U		<0.0081	U		0.0035	J	
		VMP-11-8-041912	4/19/2012	0.039			0.11			<0.0066	U		<0.01	U		<0.038	U		<0.0022	U		0.0042	J		0.054		
		VMP-11-8-072012	7/20/2012	0.025			0.0017	J		<0.0066	U		<0.01	U		<0.038	U		<0.0022	U		<0.0093	U		<0.012	U	
		VMP-11-8-101612	10/16/2012	0.08			0.012			<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.02		
		VMP-11-8-101612-Dup	10/16/2012	0.065			0.012			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.022		
		VMP-11-8-012913	1/29/2013	5.9			<0.031	U		<0.066	U		<0.1	U		<0.38	U		<0.022	U		<0.094	U		<0.12	U	
		VMP-11-8-050113	5/1/2013	0.015	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-11-8-080113	8/1/2013	0.013	J		0.0007	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.006	J	
		VMP-11-8-102813	10/28/2013	0.0092	J		0.00075	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.013	J		0.004	J	J
		VMP-11-8-022114	2/21/2014	0.0075	J		<0.0038	U		0.0043	J		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-11-8-043014	4/30/2014	0.014	J		0.00086	J		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0032	J	
		VMP-11-8-073114	7/31/2014	0.016	J		0.0011	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0031	J	
		VMP-11-8-111014-R	11/10/2014	0.015	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0039	J	
		VMP-11-8-020515	2/5/2015	0.013	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-11-8-043015	4/30/2015	0.01	J		0.0012	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0037	J	
		VMP-11-8-072815	7/28/2015	0.022	J		0.0018	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.004	J	
		VMP-11-8-103015	10/30/2015	0.02	J		0.0012	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0063	J	
		VMP-11-8-012916	1/29/2016	0.016	J		0.00077	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-11-8-050616	5/6/2016	0.012	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-11-8-080116	8/1/2016	0.028	J		0.0016	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-11-8-110116	11/1/2016	0.025	J		0.001	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0052	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	29 ft	VMP-11-29	11/18/2009	<81	U		8600			<57	U		<88	U		<33	U		<19	U					<25	U	
		VMP-11-29-090810	9/8/2010	<0.31	U		120			<0.22	U		<0.33	U		<0.12	U		<0.071	U					<0.095	U	
		VMP-11-29-112210	11/22/2010	<4.4	U		460			<3.1	U		<4.8	U		<1.8	U		<1	U					<1.4	U	
		VMP-11-29-112210-Dup	11/22/2010	<3	U		440			<2.1	U		<3.3	U		<1.2	U		<0.71	U					<0.94	U	
		VMP-11-29-021411	2/14/2011	0.01	J		0.0042			<0.0084	U		<0.013	U		<0.0048	U		<0.0028	U					<0.0037	U	
		VMP-11-29-040611	4/6/2011	0.023	J		9.4			<0.063	U		<0.098	U		<0.037	U		<0.021	U		0.26			<0.11	U	
		VMP-11-29-082511	8/25/2011	0.018			0.0039	J		<0.0092	U		<0.014	U		<0.0054	U		<0.003	U		<0.013	U		0.0069	J	
		VMP-11-29-082511-Dup	8/25/2011	0.023			0.0039	J		<0.0092	U		<0.014	U		<0.0054	U		<0.003	U		<0.013	U		0.0062	J	
		VMP-11-29-111411	11/14/2011	0.015			0.009			<0.0059	U		<0.009	U		<0.0034	U		<0.0019	U		<0.0083	U		0.003	J	
		VMP-11-29-012612	1/26/2012	0.0049	J		0.0016	J		0.0026	J		<0.0087	U		<0.0033	U		<0.0018	U		<0.008	U		0.0012	J	
		VMP-11-29-042712	4/27/2012	0.014	J		0.14			<0.0059	U		<0.009	U		<0.034	U		<0.0019	U		<0.0083	U		0.016		
		VMP-11-29-072012	7/23/2012	0.11			0.018			0.0023	J		<0.009	U		<0.034	U		<0.0019	U		0.005	J		0.021		
		VMP-11-29-101612	10/16/2012	0.027	J		0.0015	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-11-29-012913	1/29/2013	0.04			0.049			0.028			<0.015	U		<0.056	U		<0.0032	U		0.0041	J		0.0046	J	
		VMP-11-29-043013	4/30/2013	0.018	J		<0.0046	J	U	0.017			<0.015	U		<0.055	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-11-29-073113	7/31/2013	0.029	J		<0.0044	U		0.012			<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0054	J	
		VMP-11-29-102813	10/28/2013	0.019	J		0.00088	J		0.0021	J		<0.024	U		<0.091	U		<0.0052	U		0.0029	J		0.0029	J	J
		VMP-11-29-022114	2/21/2014	0.0061	J		0.00074	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-11-29-043014	4/30/2014	<0.03	J	U	<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-11-29-073114	7/31/2014	0.021	J		0.0018	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0048	J	
		VMP-11-29-103014	10/30/2014	0.013	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		0.00084	J		<0.012	U		0.0053	J	
		VMP-11-29-103014-DUP	10/30/2014	0.0067	J		0.00072	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.0057	J		<0.014	U	
		VMP-11-29-020515	2/5/2015	0.0078	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-11-29-020515-DUP	2/5/2015	0.0081	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-11-29-043015	4/30/2015	0.0079	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.003	J	
		VMP-11-29-072815	7/28/2015	0.04			<0.0043	J	U	<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.011	J	
		VMP-11-29-110515	11/5/2015	0.26			<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.0074	J	
		VMP-11-29-012916	1/29/2016	0.014	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0025	J	
		VMP-11-29-050216	5/2/2016	0.016	J		0.0013	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.004	J	
		VMP-11-29-080216	8/2/2016	0.031	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.01	J	
		VMP-11-29-110116	11/1/2016	0.018	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
	38 ft	VMP-11-38	11/18/2009	<230	U		31000			<160	U		<250	U		<96	U		<54	U					<73	U	
		VMP-11-38-042312	4/23/2012	<0.62	U		370			<0.44	U		<0.68	U		<0.25	U		<0.14	U		0.13	J		<0.77	U	
		VMP-11-38-042312-Dup	4/23/2012	<2.2	U		380			<1.5	U		<2.4	U		<0.89	U		<0.51	U		<2.2	U		<2.7	U	
		VMP-11-38-072312	7/23/2012	<1	U		170			<0.73	U		<1.1	U		<0.42	U		<0.24	U		<1	U		<1.3	U	
		VMP-11-38-101612	10/16/2012	0.026	J		0.01			<0.01	U		<0.016	U		<0.058	U		<0.0033	U		0.012	J		<0.018	U	
		VMP-11-38-013013	1/30/2013	0.022	J		0.0074			0.0061	J		<0.014	U		<0.054	U		<0.003	U		0.012	J		<0.016	U	
		VMP-11-38-043013	4/30/2013	0.0085	J		0.0027	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-11-38-073113	7/31/2013	0.027	J		0.0015	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.021		
		VMP-11-38-073113-Dup	7/31/2013	0.025	J		0.00095	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.018		
		VMP-11-38-102813	10/28/2013	0.025	J		0.0011	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0045	J		0.045		J
		VMP-11-38-022114	2/21/2014	0.025	J		0.001	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-11-38-043014	4/30/2014	0.052			0.0012	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.008	J		0.0072	J	
		VMP-11-38-073114	7/31/2014	<0.033	J	U	<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0037	J	
		VMP-11-38-103014	10/30/2014	0.015	J		0.003	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.0073	J		0.013	J	
		VMP-11-38-020515	2/5/2015	0.0092	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-11-38-043015	4/30/2015	0.014	J		0.0013	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0056	J	
		VMP-11-38-072815	7/28/2015	0.012	J		<0.0044	J	U	<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0023	J	
		VMP-11-38-103015	10/30/2015	0.017	J		0.00099	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		0.011	J		0.0063	J	
		VMP-11-38-103015-DUP	10/30/2015	0.018	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0047	J	
		VMP-11-38-012916	1/29/2016	0.015	J		0.00048	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0027	J	
		VMP-11-38-050216	5/2/2016	<0.031	J	U	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-11-38-050216-DUP	5/2/2016	<0.03	J	U	<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-11-38-080216	8/2/2016	0.017	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-11-38-110216	11/2/2016	0.02	J		<0.0047	J	U	<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.021		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<30	U		7500			<21	U		<33	U		<12	U		<7	U					<9.3	U	
		VMP-12-5-090310	9/3/2010	<13	U		230			<9	U		<14	U		<5.2	U		<3	U					<4	U	
		VMP-12-5-120310	12/3/2010	<130	U		16000			<89	U		<140	U		<52	U		<29	U					<39	U	
		VMP-12-5-021511	2/15/2011	<5.8	U		80			<4.1	U		<6.3	U		<2.4	U		<1.3	U					<1.8	U	
		VMP-12-5-041911	4/19/2011	17	J		5.8	J		<30	U		<46	U		<17	U		<9.9	U		3200			<53	U	
		VMP-12-5-080411	8/4/2011	<11	U		200			<7.7	U		<12	U		<4.5	U		<2.6	U		2800			<14	U	
		VMP-12-5-111611	11/16/2011	<0.0077	U		0.9			<0.0055	U		<0.0084	U		<0.0032	U		<0.0018	U		0.098			0.0017	J	
		VMP-12-5-012412	1/24/2012	<0.087	J	U	6.8			<0.061	U		<0.38	U		<0.036	U		<0.02	U		3			<0.11	U	
		VMP-12-5-041912	4/19/2012	0.021	J		0.063			<0.0061	U		<0.0094	U		<0.036	U		<0.002	U		0.0057	J		0.0051	J	
		VMP-12-5-072612	7/26/2012	0.057			0.12		J	<0.0065	U		<0.01	U		<0.038	U		<0.0022	U		0.014			0.0057	J	
		VMP-12-5-072612-Dup	7/26/2012	0.032			0.0018	J	J	<0.006	U		<0.0092	U		<0.034	U		<0.002	U		<0.0085	U		<0.01	U	
		VMP-12-5-102412	10/24/2012	0.023	J		0.025			<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0054	J	
		VMP-12-5-021813	2/18/2013	0.0096	J		0.012			<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0074	J		0.0038	J	
		VMP-12-5-051013	5/10/2013	0.036			0.025			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0075	J		0.0068	J	
		VMP-12-5-081213	8/12/2013	0.056			0.0093			<0.0091	U		<0.014	U		<0.053	U		<0.003	U	UJ	<0.013	U		0.02		
		VMP-12-5-111413	11/14/2013	0.044			0.0024	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.011	J	
		VMP-12-5-031914-R	3/19/2014	0.029	J		0.008			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.013			0.0074	J	
		VMP-12-5-050214	5/2/2014	0.061			0.0022	J		<0.007	U		<0.011	U		<0.04	U		<0.0023	U		0.0074	J		0.0045	J	
		VMP-12-5-081514	8/15/2014	0.041			0.013			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.64			0.018		
		VMP-12-5-110714	11/10/2014	0.018	J		0.0024	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0059	J		0.0044	J	
		VMP-12-5-021115	2/11/2015	0.011	J		0.00082	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0075	J		0.0026	J	
		VMP-12-5-050715	5/7/2015	0.048			0.0057			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0046	J		0.07		
		VMP-12-5-073115	7/31/2015	0.18			0.0048			<0.009	U		<0.014	U		<0.052	U		<0.003	U	UJ	0.006	J	J	0.06		
		VMP-12-5-110415	11/4/2015	0.048			0.004	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.029		
		VMP-12-5-020316	2/3/2016	<0.033	J	U	<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0084	J		<0.017	U	
		VMP-12-5-050416	5/4/2016	0.014	J		0.00085	J		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		0.01	J	
		VMP-12-5-080316	8/3/2016	0.039			0.0011	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0086	J	
		VMP-12-5-103116	10/31/2016	0.028	J		0.0024	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.013			0.0071	J	
	11.5 ft	VMP-12-11.5	11/13/2009	<52	U		8400			<37	U		<57	U		<21	U		<12	U					<16	U	
		VMP-12-11.5-090310	9/3/2010	<16	U		4100			<12	U		<18	U		<6.7	U		<3.8	U					<5.1	U	
		VMP-12-11.5-120310	12/3/2010	<14	U		2000			<10	U		<15	U		<5.8	U		<3.3	U					<4.4	U	
		VMP-12-11.5-021511	2/15/2011	<13	U		1600			<9	U		<14	U		<5.2	U		<3	U					<4	U	
		VMP-12-11.5-021511-DUP	2/15/2011	<11	U		1300			<7.7	U		<12	U		<4.5	U		<2.6	U					<3.4	U	
		VMP-12-11.5-041911	4/19/2011	15	J		810			<27	U		<42	U		<16	U		<8.9	U		4300			<48	U	
		VMP-12-11.5-080411	8/4/2011	<13	U		1200			<9.4	U		<14	U		<5.5	U		<3.1	U		1500			<17	U	
		VMP-12-11.5-111611	11/16/2011	<0.11	U		4.6			<0.075	U		<0.12	U		<0.044	U		<0.025	U		2.8			<0.13	U	
		VMP-12-11.5-012412	1/24/2012	<1	U		4.1			<0.7	U		<4.3	U		<0.41	U		<0.23	U		100			<1.2	U	
		VMP-12-11.5-041912	4/19/2012	<0.091	U		0.065			<0.064	U		<0.099	U		<0.037	U		<0.021	U		0.3			<0.11	U	
		VMP-12-11.5-082012	8/20/2012	0.031	J	J	0.044			<0.01	U		<0.016	U		0.0032	J		<0.0034	U		<0.014	U		0.048		
		VMP-12-11.5-102612	10/26/2012	0.026	J		0.0098			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.041			0.0055	J	
		VMP-12-11.5-021813	2/18/2013	0.0097	J		0.0008	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-12-11.5-051013	5/10/2013	0.037			0.001	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0065	J	
		VMP-12-11.5-081213	8/12/2013	0.13			0.0028	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	UJ	<0.014	U		0.017		
		VMP-12-11.5-111413	11/14/2013	0.014	J		0.0049			<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.02		
		VMP-12-11.5-022814	2/28/2014	0.0073	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-12-11.5-050214	5/2/2014	0.034			<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0056	J	
		VMP-12-11.5-081514	8/15/2014	0.035			0.0019	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.012	J		0.0062	J	
		VMP-12-11.5-110714	11/7/2014	0.18			0.0024	J		<0.019	U		<0.029	U		<0.11	U		<0.0062	U		<0.027	U		0.01	J	
		VMP-12-11.5-021115	2/11/2015	0.006	J		0.01			<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.56			<0.014	U	
		VMP-12-11.5-050715	5/7/2015	0.024	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.021		
		VMP-12-11.5-073115	7/31/2015	0.038			<0.0048	J	U	<0.01	U		<0.016	U		<0.058	U		<0.0033	U	UJ	0.0091	J	J	0.014	J	
		VMP-12-11.5-110415	11/4/2015	0.03			0.0013	J		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0066	J	
		VMP-12-11.5-020316	2/3/2016	0.014	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0034	J	
		VMP-12-11.5-050416	5/4/2016	0.01	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0048	J	
		VMP-12-11.5-080316	8/3/2016	0.02	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-12-11.5-110316	11/3/2016	0.018	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.01	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	25 ft	VMP-12-25	11/13/2009	<110	U		18000			<76	U		<120	U		<44	U		<25	U					<33	U	
		VMP-12-25-090310	9/3/2010	<21	U		14000			<15	U		<23	U		<8.5	U		<4.9	U					<6.5	U	
		VMP-12-25-120310	12/3/2010	<1	U		3.8			<0.73	U		<1.1	U		<0.42	U		<0.24	U					<0.32	U	
		VMP-12-25-021511	2/15/2011	6.9	J		7600			<18	U		<27	U		<10	U		<5.9	U					<7.8	U	
		VMP-12-25-041911	4/19/2011	27	J		8300			<29	U		<45	U		<17	U		<9.6	U		3500			<51	U	
		VMP-12-25-080411	8/4/2011	<26	U		3500			<18	U		<28	U		<11	U		<6.1	U		4000			<32	U	
		VMP-12-25-111611	11/16/2011	<30	U		2600			<21	U		<32	U		<12	U		<6.9	U		3400			7.8	J	
		VMP-12-25-012412	1/24/2012	<11	U		5100			<8	U		<50	U		<4.7	U		<2.6	U		3200			<14	U	
		VMP-12-25-012412-DUP	1/24/2012	7.3	J		5400			<59	U		<360	U		<34	U		<19	U		3300			<100	U	
		VMP-12-25-041912	4/19/2012	<8.7	U		500			<6.1	U		<9.4	U		<3.6	U		<2	U		360			<11	U	
		VMP-12-25-072712	7/27/2012	<9.5	U		24			<6.7	U		<10	U		<3.9	U		<2.2	U		28			<12	U	
		VMP-12-25-072712-Dup	7/27/2012	<9.5	U		30			<6.7	U		<10	U		<3.9	U		<2.2	U		34			<12	U	
		VMP-12-25-102512	10/25/2012	<4.1	U		0.47	J		<2.9	U		<4.5	U		<1.7	U		<0.96	U		2.9	J		<5.1	U	
		VMP-12-25-021513	2/15/2013	0.93	J	J	5.8		J	<5.4	U		<8.3	U		<3.1	U		<1.8	U		53		J	<9.5	U	
		VMP-12-25-051013	5/10/2013	160		J	<8.5	U		<18	U		<27	U		<100	U		<5.9	U		94			<31	U	
		VMP-12-25-081213	8/12/2013	<13	U		2.2	J		<9.3	U		<14	U		<5.4	U		<3.1	U		83			<16	U	
		VMP-12-25-111413	11/14/2013	<0.63	U		0.036	J		<0.18	U		<0.28	U		<1	U		<0.059	U		0.82			<0.31	U	
		VMP-12-25-022814	2/28/2014	0.053	J		0.062	J		<0.18	U		<0.27	U		<0.1	U		<0.059	U		0.37			<0.31	U	
		VMP-12-25-050214	5/2/2014	0.014	J		0.0044	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.011	J		0.0022	J	
		VMP-12-25-081514	8/15/2014	0.027	J		0.0014	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		0.0088	J		0.0073	J	
		VMP-12-25-110714	11/7/2014	0.01	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0082	J		<0.017	U	
		VMP-12-25-021115	2/11/2015	0.0092	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.0049	J		<0.013	U	
		VMP-12-25-050715	5/7/2015	0.025	J		0.0015	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		0.0096	J		0.014	J	
		VMP-12-25-073115	7/31/2015	0.035	J		<0.0052	J	U	<0.011	U		<0.017	U		<0.063	U		<0.0036	U	UJ	<0.015	U	UJ	0.014	J	
		VMP-12-25-110415	11/4/2015	0.015	J		0.0016	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.004	J	
		VMP-12-25-021616	2/16/2016	0.018	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0022	J	
		VMP-12-25-021616-DUP	2/16/2016	0.032			<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		0.0049	J		0.0037	J	
		VMP-12-25-050416	5/4/2016	<0.031	J	U	<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-12-25-080316	8/3/2016	0.027	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0051	J	
		VMP-12-25-103116	10/31/2016	0.008	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-12-25-103116-Dup	10/31/2016	0.042			0.0011	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0049	J		0.0087	J	
	39 ft	VMP-12-39	11/13/2009	<110	U		26000			<79	U		<120	U		<46	U		<26	U					<35	U	
		VMP-12-39-041911	4/19/2011	24	J		10000			<28	U		<44	U		<16	U		<9.3	U		3200			<50	U	
		VMP-12-39-012412	1/24/2012	<83	U		5400			<59	U		<360	U		<34	U		<19	U		3300			<100	U	
		VMP-12-39-041912	4/19/2012	5.6	J		1400			<29	U		<45	U		<17	U		<9.7	U		930			<52	U	
		VMP-12-39-072612	7/26/2012	<19	U		3100			<13	U		<21	U		<7.8	U		<4.4	U		580			<24	U	
		VMP-12-39-102412	10/24/2012	<50	U		1200			<36	U		<55	U		<20	U		<12	U		93			<62	U	
		VMP-12-39-021513	2/15/2013	<23	U		4100			<16	U		<25	U		<9.4	U		<5.4	U		320			<28	U	
		VMP-12-39-051013	5/10/2013	200		J	1700			<28	U		<43	U		<160	U		<9.2	U		230			<49	U	
		VMP-12-39-081213	8/12/2013	<17	U		1100			<12	U		<19	U		<7.1	U		<4	U		220			<22	U	
		VMP-12-39-111413	11/14/2013	<100	U		390			<29	U		<45	U		<170	U		<9.7	U		250			<52	U	
		VMP-12-39-022814	2/28/2014	<5.7	U		140			<4	U		<6.2	U		<2.3	U		<1.3	U		120			<7.1	U	
		VMP-12-39-050214	5/2/2014	<6.2	U		22			<4.4	U		<6.7	U		<2.5	U		<1.4	U		95			<7.7	U	
		VMP-12-39-081514	8/15/2014	<37	U		8.3			<10	U		<16	U		<60	U		<3.4	U		67			<18	U	
		VMP-12-39-081514-Dup	8/15/2014	7.8	J		7.8			<9	U		<14	U		<52	U		<3	U		76			<16	U	
		VMP-12-39-110714	11/7/2014	<6.4	U		7		J	<4.5	U		<7	U		<2.6	U	UJ	<1.5	U		41		J	<8	U	
		VMP-12-39-021115	2/11/2015	<3.2	U		2.4			<2.2	U		<3.4	U		<1.3	U		<0.74	U		54			<3.9	U	
		VMP-12-39-050715	5/7/2015	18			1.7	J		<4.9	U		<7.6	U		<28	U		<1.6	U		32			4.9	J	
		VMP-12-39-050715-DUP	5/7/2015	17			1.7	J		<4.6	U		<7	U		<26	U		<1.5	U		33			4.6	J	
		VMP-12-39-061515-Dup-R	6/15/2015	0.073	J	J	0.31		J	<0.083	U		<0.13	U		<0.048	U		<0.028	U		14		J	<0.15	U	
		VMP-12-39-061515-R	6/15/2015	0.066	J		0.32			<0.096	U		<0.15	U		<0.056	U		<0.032	U		14			<0.17	U	
		VMP-12-39-073115	7/31/2015	<2.9	U		1.9			<2	U		<3.1	U		<1.2	U		<0.67	U		72			<3.6	U	
		VMP-12-39-073115-DUP	7/31/2015	<7.8	U		1.9	J		<5.5	U		<8.5	U		<3.2	U		<1.8	U		69			<9.7	U	
		VMP-12-39-110415	11/4/2015	<4.8	U		0.87	J		<3.4	U		<5.3	U		<2	ND,UJ	UJ	<1.1	U		35			<6	U	
		VMP-12-39-020316	2/3/2016	10	J		<12	U		<25	U		<39	U		<14	U	UJ	<8.3	U		70			<44	U	
		VMP-12-39-050416	5/4/2016	<30	U		8.5			<8.6	U		<13	U		<50	U		<2.8	U		110			<15	U	
		VMP-12-39-080316	8/3/2016	12	J		20			<7.5	U		<12	U		<43	U		<2.5	U		100			3	J	
		VMP-12-39-110316	11/3/2016	26	J		28			<19	U		<30	U		<110	U		<6.4	U		150			<34	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<23	U		5900			<16	U		<25	U		<9.4	U		<5.4	U					<7.1	U	
		VMP 13-5-091310	9/13/2010	0.032	J		9			<0.059	U		<0.091	U		<0.034	U		<0.019	U					0.0055	J	
		VMP-13-5-120110	12/1/2010	0.013			0.0049			<0.0078	U		<0.012	U		<0.0045	U		<0.0026	U					<0.0034	J	U
		VMP-13-5-021811	2/18/2011	0.013	J		0.0023	J		<0.0092	U		<0.014	U		<0.0054	U		<0.003	U					0.0019	J	
		VMP-13-5-040511	4/5/2011	0.017	J		0.048			<0.018	U		<0.028	U		<0.011	U		<0.0061	U		0.018	J		<0.032	U	
		VMP-13-5-080911	8/9/2011	0.061		J	0.026		J	<0.02	U		<0.031	U		<0.011	U		<0.0065	U		1.7		J	0.013	J	
		VMP-13-5-080911-DUP	8/9/2011	0.095		J	0.018		J	<0.018	U		<0.027	U		<0.01	U		<0.0058	U		1.2		J	0.015	J	
		VMP-13-5-111411	11/14/2011	0.01			0.011			<0.0062	U		<0.0095	U		<0.0036	U		<0.002	U		0.0032	J		0.003	J	
		VMP-13-5-012712	1/27/2012	0.034	J	J	8.2		J	<0.052	U		<0.32	U		<0.03	U		<0.017	U		0.21		J	<0.091	U	
		VMP-13-5-042012	4/20/2012	0.019	J		0.0027	J		<0.006	U		<0.0092	U		<0.035	U		<0.002	U		<0.0085	U		0.019		
		VMP-13-5-071912	7/19/2012	0.1			0.0039			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U		0.0029	J	J	0.017		
		VMP-13-5-071912-Dup	7/19/2012	0.097			0.004			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U		(ppbV)	J	J	0.016		
		VMP-13-5-100912	10/9/2012	0.023	J		0.017			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0055	J	
		VMP-13-5-012913	1/29/2013	0.0062	J		0.0038	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		<0.018	U	
		VMP-13-5-050113	5/1/2013	0.02	J		0.0043			<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.012	J		0.0031	J	
		VMP-13-5-073113	7/31/2013	0.099			0.0015	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0067	J		0.012	J	
		VMP-13-5-111513	11/15/2013	0.026	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-13-5-022114	2/21/2014	0.01	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-13-5-050114	5/1/2014	0.016	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.007	J	
		VMP-13-5-080814	8/8/2014	0.03			0.0019	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		0.0044	J	
		VMP-13-5-103014	10/30/2014	0.045			0.0013	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0059	J	
		VMP-13-5-020515	2/5/2015	0.018	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.012	J	
		VMP-13-5-043015	4/30/2015	0.0077	J		0.0019	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0048	J	
		VMP-13-5-072715	7/27/2015	0.03	J		0.0017	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.017		
		VMP-13-5-110215	11/2/2015	0.018	J		<0.0036	J	U	<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0026	J	
		VMP-13-5-012616	1/26/2016	0.0071	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0028	J		<0.014	J	U
		VMP-13-5-050316	5/3/2016	0.0058	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0026	J	
		VMP-13-5-072916	7/29/2016	0.033			0.001	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0085	J	
		VMP-13-5-110216	11/2/2016	0.027	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0054	J	
	10.5 ft	VMP-13-10.5	11/17/2009	<2.8	U		500			<2	U		<3.1	U		<1.2	U		<0.66	U					<0.88	U	
		VMP-13-10.5-D	11/17/2009	<2.9	U		570			<2.1	U		<3.2	U		<1.2	U		<0.68	U					<0.91	U	
		VMP 13-10.5-091310	9/13/2010	0.017	J		3.3			<0.022	U		<0.034	U		<0.013	U		<0.0072	U					<0.0096	U	
		VMP 13-10.5-091310-Dup	9/13/2010	0.07			3.4			<0.021	U		<0.033	U		<0.012	U		<0.007	U					0.0036	J	
		VMP-13-10.5-120110	12/1/2010	0.012			0.0045			<0.0087	U		<0.013	U		<0.005	U		<0.0029	U					<0.0038	J	U
		VMP-13-10.5-120110-DUP	12/1/2010	<0.013	J	U	0.0066			<0.009	U		<0.014	U		<0.0052	U		<0.003	U					<0.004	J	U
		VMP-13-10.5-021811	2/18/2011	2.8	J		420			<3.6	U		<5.5	U		<2.1	U		<1.2	U					<1.6	U	
		VMP-13-10.5-021811-DUP	2/18/2011	<4.9	U		420			<3.4	U		<5.3	U		<2	U		<1.1	U					<1.5	U	
		VMP-13-10.5-040511-DUP	4/5/2011	0.012	J		0.017			<0.0092	U		<0.014	U		<0.0054	U		<0.003	U		0.012	J		<0.016	U	
		VMP-13-10.5-080911	8/9/2011	<0.29	U		51			<0.2	U		<0.31	U		<0.12	U		<0.067	U		33			<0.36	U	
		VMP-13-10.5-111411	11/14/2011	0.013			0.013			<0.0059	U		<0.0091	U		<0.0034	U		<0.0019	U		0.0054	J		0.0037	J	
		VMP-13-10.5-012712	1/26/2012	0.02	J		2.6		J	<0.016	U		<0.025	U		<0.0095	U		<0.0054	U		0.05			<0.029	U	
		VMP-13-10.5-012712-DUP	1/26/2012	<0.033	U		3.9		J	<0.023	U		<0.036	U		<0.014	U		<0.0077	U		0.08			<0.041	U	
		VMP-13-10.5-042012	4/20/2012	0.027			0.0088			<0.0059	U		<0.009	U		<0.034	U		<0.0019	U		0.0046	J		0.015		
		VMP-13-10.5-071912	7/19/2012	0.15			0.0078			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U		0.0061	J	J	0.021		
		VMP-13-10.5-100912	10/9/2012	0.024	J		0.025			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0036	J	
		VMP-13-10.5-100912-Dup	10/9/2012	0.011	J		0.023			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-13-10.5-013013	1/30/2013	0.01	J		0.0021	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-13-10.5-050113	5/1/2013	0.015	J		0.018			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0067	J		0.0032	J	
		VMP-13-10.5-073113	7/31/2013	0.0057	J		<0.0028	U		<0.0059	U		<0.009	U		<0.034	U		<0.0019	U		<0.0083	U		0.0025	J	
		VMP-13-10.5-092013	9/20/2013	0.041			0.0012	J		<0.0098	U		0.0027	J		<0.057	J	U	<0.0032	U		0.029			<0.017	U	
		VMP-13-10.5-111513	11/15/2013	0.027	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0053	J	
		VMP-13-10.5-111513-Dup	11/15/2013	0.019	J		0.001	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.014	J	
		VMP-13-10.5-022114	2/21/2014	0.0062	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-13-10.5-050114	5/1/2014	0.0096	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-13-10.5-080814	8/8/2014	0.039			0.0013	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0046	J	
		VMP-13-10.5-103014	10/30/2014	0.0064	J		0.003	J		0.0073	J		0.0072	J		<0.048	J	U	0.0025	J		<0.012	U		<0.014	U	
		VMP-13-10.5-020515	2/5/2015	0.01	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-13-10.5-043015	4/30/2015	0.0087	J		0.0028	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0061	J	
		VMP-13-10.5-072715	7/27/2015	0.031	J		0.012			<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.012	J	
		VMP-13-10.5-110215	11/2/2015	0.039			0.0013	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.018		
		VMP-13-10.5-012616	1/26/2016	0.019	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.0034	J		0.0043	J	
		VMP-13-10.5-050316	5/3/2016	0.012	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0037	J	
		VMP-13-10.5-072916	7/29/2016	0.026	J		0.0049			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0061	J		<0.017	U	
		VMP-13-10.5-110216	11/2/2016	0.029	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.008	J	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	21.5 ft	VMP-13-21.5	11/17/2009	<140	U		24000			<100	U		<160	U		<59	U		<34	U					<45	U	
		VMP 13-21.5-091310	9/13/2010	<23	U		5800			<16	U		<25	U		<9.4	U		<5.4	U					<7.1	U	
		VMP-13-21.5-120110	12/1/2010	<44	U		5400			<31	U		<48	U		<18	U		<10	U					<14	U	
		VMP-13-21.5-021811	2/18/2011	<6.6	U		640			<4.7	U		<7.2	U		<2.7	U		<1.5	U					<2.1	U	
		VMP-13-21.5-040511	4/5/2011	<9.6	U		1400			<6.8	U		<10	U		<3.9	U		<2.2	U		35			<12	U	
		VMP-13-21.5-080911	8/9/2011	<1.2	U		830			<0.84	U		<1.3	U		<0.49	U		<0.28	U		59			<1.5	U	
		VMP-13-21.5-111411	11/14/2011	3.6	J		420			<3.8	U		<5.9	U		<2.2	U		<1.3	U		32			0.98	J	
		VMP-13-21.5-111411-DUP	11/14/2011	3.7	J		410			<3.8	U		<5.9	U		<2.2	U		<1.3	U		31			<6.8	U	
		VMP-13-21.5-012712	1/27/2012	<1.3	U		370		J	<0.9	U		<5.5	U		<0.52	U		<0.3	U		16		J	<1.6	U	
		VMP-13-21.5-042012	4/20/2012	0.17	J		0.098			<0.1	U		<0.15	U		<0.58	U		<0.033	U		5.6			<0.18	U	
		VMP-13-21.5-071912	7/19/2012	0.18			0.009			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U		0.13	J	J	0.038		
		VMP-13-21.5-100912	10/9/2012	0.012	J		0.088			<0.01	U		<0.016	U		<0.059	U		<0.0034	U		0.24			<0.018	U	
		VMP-13-21.5-013013	1/30/2013	0.01	J		0.0088			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-13-21.5-050113	5/1/2013	0.014	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0093	J	
		VMP-13-21.5-073113	7/31/2013	0.19			0.0014	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		0.01	J		0.012	J	
		VMP-13-21.5-102813	10/28/2013	0.014	J		0.00068	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0014	J		0.012	J	J
		VMP-13-21.5-102813-Dup	10/28/2013	0.038			0.0009	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.0024	J		0.01	J	J
		VMP-13-21.5-022114	2/21/2014	<0.6	U		<0.081	U		<0.17	U		<0.26	U		<0.99	U		<0.056	U		11			<0.3	U	
		VMP-13-21.5-050114	5/1/2014	0.0065	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		0.0014	J	
		VMP-13-21.5-080814	8/8/2014	0.051			0.0035	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0085	J	
		VMP-13-21.5-103014	10/30/2014	0.02	J		0.00088	J		<0.0081	U		<0.012	U		<0.047	J	U	<0.0027	U		<0.011	U		0.0084	J	
		VMP-13-21.5-020515	2/5/2015	<0.033	U		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-13-21.5-043015	4/30/2015	0.018	J		0.0016	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		0.017	J	
		VMP-13-21.5-072715	7/27/2015	0.021	J		0.0021	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0065	J	
		VMP-13-21.5-112515	11/25/2015	0.013	J		0.001	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.0086	J		0.0022	J	
		VMP-13-21.5-012616	1/26/2016	0.021	J		0.0018	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0059	J		0.0048	J	
		VMP-13-21.5-050316	5/3/2016	0.018	J		0.00061	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0034	J	
		VMP-13-21.5-050316-DUP	5/3/2016	<0.034	J	U	0.00064	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0024	J	
		VMP-13-21.5-072916	7/29/2016	0.02	J		0.0012	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-13-21.5-110216	11/2/2016	0.1			0.0022	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.016			0.024		
	29.5 ft	VMP-13-29.5	11/17/2009	<280	U		90000			<200	U		<310	U		<120	U		<66	U					<88	U	
		VMP-13-29.5-021811	2/18/2011	<200	U		17000			<140	U		<220	U		<84	U		<48	U					<64	U	
		VMP-13-29.5-040511	4/5/2011	<130	U		23000			<94	U		<140	U		<54	U		<31	U		94	J		<160	U	
		VMP-13-29.5-013012	1/30/2012	<4.1	U		8600			<2.9	U		<4.4	U		<1.7	U		<0.94	U		32		J	<5	U	
		VMP-13-29.5-042012	4/20/2012	3.2	J		2300			<3.8	U		<5.8	U		<22	U		<1.2	U		57			<6.6	U	
		VMP-13-29.5-071912	7/19/2012	<15	U		2600			<11	U		<17	U		<6.2	U		<3.6	U		30			<19	U	
		VMP-13-29.5-100912	10/9/2012	<14	U		630			<10	U		<16	U		<5.9	U		<3.4	U		51			<18	U	
		VMP-13-29.5-013013	1/30/2013	4.5	J		580			<4.3	U		<6.6	U		<25	U		<1.4	U		<6.1	U		<7.5	U	
		VMP-13-29.5-050113	5/1/2013	0.38	J		31			<0.28	U		<0.43	U		<1.6	U		<0.092	U		<0.4	U		<0.49	U	
		VMP-13-29.5-073113	7/31/2013	0.021	J		<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.026		
		VMP-13-29.5-102813	10/28/2013	0.012	J		0.0013	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.0042	J		0.0044	J	
		VMP-13-29.5-022114	2/21/2014	<0.31	U		0.0084	J		<0.087	U		<0.13	U		<0.51	U		<0.029	U		4.1			<0.15	U	
		VMP-13-29.5-022114-Dup	2/21/2014	<0.29	U		0.0076	J		<0.083	U		<0.13	U		<0.48	U		<0.027	U		4.5			<0.15	U	
		VMP-13-29.5-050114	5/1/2014	0.012	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		0.002	J	
		VMP-13-29.5-080814	8/8/2014	0.037			0.0026	J		<0.0087	U		<0.013	U		<0.05	J	U	<0.0029	U		<0.012	U		0.0062	J	
		VMP-13-29.5-103014	10/30/2014	0.013	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0054	J	
		VMP-13-29.5-020515	2/5/2015	0.0068	J		0.0034	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-13-29.5-043015	4/30/2015	0.022	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.02		
		VMP-13-29.5-072715	7/27/2015	0.041			<0.0049	J	U	<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		0.0087	J	
		VMP-13-29.5-072715-DUP	7/27/2015	0.021	J		0.0028	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.0058	J		0.0066	J	
		VMP-13-29.5-110215	11/2/2015	0.021	J		<0.0034	J	U	<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0054	J	
		VMP-13-29.5-110215-DUP	11/2/2015	0.02	J		<0.0036	J	U	<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		0.0069	J		0.0056	J	
		VMP-13-29.5-012616	1/26/2016	0.033			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0056	J		0.0082	J	
		VMP-13-29.5-050316	5/3/2016	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0051	J	
		VMP-13-29.5-082616-R	8/29/2016	0.042			0.0042			<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.0059	J		0.0044	J	
		VMP-13-29.5-110216	11/2/2016	0.021	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-13-29.5-110216-Dup	11/2/2016	0.022	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0049	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5	11/20/2009	<0.024	U		0.021			<0.017	U		<0.027	U		<0.01	U		<0.005	U					<0.007	U	
		VMP 14-5-091010	9/10/2010	<0.59	U		0.71			<0.42	U		<0.64	U		<0.24	U		<0.14	U					<0.18	U	
		VMP-14-5-120110	12/1/2010	0.017			0.008			0.0012	J		<0.012	U		<0.0047	U		<0.0026	U					0.0028	J	
		VMP-14-5-021711	2/17/2011	0.0069	J		1.2			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U					<0.0039	U	
		VMP-14-5-040511	4/5/2011	0.012	J		0.011			<0.009	U		<0.014	U		<0.0052	J	U	<0.003	U		1.5	E	J	<0.016	U	
		VMP-14-5-080811	8/8/2011	<13	U		13			<9.4	U		<14	U		<5.4	U		<3.1	U		2600			<16	U	
		VMP-14-5-111411	11/14/2011	0.0078	J		3.1			<0.024	U		<0.036	U		<0.014	U		<0.0078	U		0.011	J		<0.042	U	
		VMP-14-5-042012	4/20/2012	0.012	J		0.026			<0.0057	U		<0.0088	U		<0.033	U		<0.0019	U		0.037			0.018		
		VMP-14-5-072312	7/23/2012	0.2			0.43			<0.0069	U		<0.011	U		0.0023	J		<0.0023	U		0.0038	J		0.09		
		VMP-14-5-101012	10/10/2012	0.012	J		0.025			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0038	J	
		VMP-14-5-013113	1/31/2013	0.01	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0044	J		<0.016	U	
		VMP-14-5-050113	5/1/2013	0.17			0.0069			<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.014	J		0.011	J	
		VMP-14-5-111113	11/11/2013	0.011	J		0.0011	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-14-5-022614	2/26/2014	0.0062	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-14-5-050114	5/1/2014	0.025	J		0.00072	J		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		0.0052	J	
		VMP-14-5-081114	8/11/2014	0.068			0.0016	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0061	J	
		VMP-14-5-103014	10/30/2014	0.011	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-14-5-020615	2/6/2015	0.0088	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-14-5-043015	4/30/2015	0.02	J		<0.0042	J	U	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.024		
		VMP-14-5-072915	7/29/2015	0.074			<0.004	J	U	<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.012	J	
		VMP-14-5-110215	11/2/2015	0.023	J		<0.004	J	U	<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0065	J	
		VMP-14-5-012616	1/26/2016	0.0096	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0019	J	
		VMP-14-5-050316	5/3/2016	0.01	J		<0.0046	U		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		<0.014	U		0.0034	J	
		VMP14-5-072916	7/29/2016	0.039			<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0052	J	
		VMP-14-5-110216	11/2/2016	0.023	J		0.0018	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
	11.5 ft	VMP-14-11.5	11/16/2009	<2.9	U		550			<2.1	U		<3.2	U		<1.2	U		<0.68	U					<0.91	U	
		VMP 14-11.5-091010	9/10/2010	<9.1	U		52			<6.4	U		<9.9	U		<3.7	U		<2.1	U					<2.8	U	
		VMP-14-11.5-120110	12/2/2010	<0.8	U		0.28			<0.56	U		<0.87	U		<0.33	U		<0.18	U					<0.25	U	
		VMP-14-11.5-120110-DUP	12/2/2010	<0.72	U		0.28			<0.51	U		<0.78	U		<0.3	U		<0.17	U					<0.22	U	
		VMP-14-11.5-021711	2/17/2011	<0.26	U		0.86			<0.18	U		<0.28	U		<0.11	U		<0.061	U					<0.081	U	
		VMP-14-11.5-021711-DUP	2/17/2011	<0.26	U		1			<0.18	U		<0.28	U		<0.11	U		<0.061	U					<0.081	U	
		VMP-14-11.5-040511	4/5/2011	<0.043	U		0.079			<0.03	U		<0.046	U		<0.017	U		<0.0099	U		18	E	J	0.014	J	
		VMP-14-11.5-080811	8/8/2011	<1.3	U		0.18	J		<0.93	U		<1.4	U		<0.54	U		<0.31	U		320			<1.6	U	
		VMP-14-11.5-111511	11/15/2011	1.8	J		2.2			<1.4	U		<2.2	U		<0.84	U		<0.48	U		560			0.53	J	
		VMP-14-11.5-012612	1/26/2012	<8.4	U		3.8			<5.9	U		<36	U		<3.4	U		<1.9	U		1500			<10	U	
		VMP-14-11.5-042312	4/23/2012	0.015	J		0.0068			<0.0061	U		<0.0094	U		<0.036	U		<0.002	U		0.044			0.011		
		VMP-14-11.5-042312-Dup	4/23/2012	0.0098	J		0.0068			<0.0061	U		<0.0094	U		<0.036	U		<0.002	U		0.046			0.0081	J	
		VMP-14-11.5-072512	7/25/2012	<3	U		<1	U		<2.2	U		<3.3	U		<1.2	U		<0.71	U		460			<3.8	U	
		VMP-14-11.5-101012	10/10/2012	0.024	J		0.0039	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.018			<0.016	U	
		VMP-14-11.5-013113	1/31/2013	0.0082	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-14-11.5-050113	5/1/2013	0.032	J		0.0086			<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0059	J	
		VMP-14-11.5-080113	8/1/2013	0.033	J		0.01			<0.011	U		<0.017	U		<0.063	U		<0.0036	U		<0.015	U		0.035		
		VMP-14-11.5-111113	11/11/2013	0.009	J		0.00082	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		0.01	J	
		VMP-14-11.5-022614	2/26/2014	0.0089	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-14-11.5-050114	5/1/2014	0.0087	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-14-11.5-081114	8/11/2014	0.061			0.0035	J		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.012	J	
		VMP-14-11.5-103014	10/30/2014	0.033			<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-14-11.5-020615	2/6/2015	0.0078	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-14-11.5-043015	4/30/2015	0.016	J		<0.0048	J	U	<0.01	U		<0.016	U		<0.059	U		<0.0033	U		<0.014	U		0.024		
		VMP-14-11.5-072915	7/29/2015	0.082			0.0028	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.005	J		0.015	J	
		VMP-14-11.5-110215	11/2/2015	0.04			<0.0041	J	U	<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0042	J	
		VMP-14-11.5-012616	1/26/2016	0.013	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0023	J	
		VMP-14-11.5-050316	5/3/2016	0.012	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0027	J	
		VMP-14-11.5-072916	7/29/2016	0.02	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0037	J	
		VMP-14-11.5-110216	11/2/2016	0.012	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.01	J		<0.017	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	20 ft	VMP-14-20	11/16/2009	<110	U		26000			<80	U		<120	U		<46	U		<26	U					<35	U	
		VMP 14-20-091010	9/10/2010	<140	U		37000			<97	U		<150	U		<56	U		<32	U					<43	U	
		VMP 14-20-091010-Dup	9/10/2010	<140	U		35000			<100	U		<160	U		<59	U		<33	U					<44	U	
		VMP-14-20-120110	12/2/2010	<370	U		47000			<260	U		<400	U		<150	U		<87	U					<120	U	
		VMP-14-20-021811	2/18/2011	<210	U		20000			<150	U		<230	U		<86	U		<49	U					<65	U	
		VMP-14-20-040511	4/5/2011	18	J		22000			<64	U		<98	U		<37	U		<21	U		3400			<110	U	
		VMP-14-20-080811	8/8/2011	<33	U		17000			<23	U		<36	U		<13	U		<7.6	U		6000			<41	U	
		VMP-14-20-111511	11/15/2011	<170	U		16000			<120	U		<180	U		<69	U		<39	U		5900			<210	U	
		VMP-14-20-012612	1/26/2012	2.8	J	J	17000			<12	U		<72	U		<6.8	U		<3.9	U		4100		J	<21	U	
		VMP-14-20-042312	4/23/2012	<9.1	U		13000			<6.4	U		<9.9	U		<3.7	U		<2.1	U		2400			<11	U	
		VMP-14-20-072512	7/25/2012	<14	U		13000			<10	U		<16	U		<5.9	U		<3.4	U		2200			<18	U	
		VMP-14-20-101612	10/16/2012	16	J		9400			<47	U		<73	U		<27	U		<16	U		1100			<83	U	
		VMP-14-20-013113	1/31/2013	36	J		12000			<17	U		<26	U		<98	U		<5.6	U		350			<30	U	
		VMP-14-20-050113	5/1/2013	<0.36	U		23		J	<0.1	U		<0.16	U		<0.59	U		<0.034	U		4.8		J	<0.18	U	
		VMP-14-20-050113-Dup	5/1/2013	<1.4	U		63		J	<0.41	U		<0.63	U		<2.4	U		<0.13	U		13		J	<0.72	U	
		VMP-14-20-080113	8/1/2013	0.29			29			<0.1	U		<0.16	U		<0.06	U		<0.034	U		<0.15	U		0.048	J	
		VMP-14-20-111113	11/11/2013	<0.32	U		1.2			1.6			<0.14	U		<0.52	U		<0.03	U		<0.13	U		<0.16	U	
		VMP-14-20-022614	2/26/2014	0.0075	J		<0.0039	J	U	<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-14-20-050114	5/1/2014	0.014	J		0.0016	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.0044	J		0.0033	J	
		VMP-14-20-081114	8/11/2014	0.034			0.0014	J		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.0054	J	
		VMP-14-20-103014	10/30/2014	0.01	J		0.0026	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-14-20-020615	2/6/2015	0.0074	J		0.0083			<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-14-20-043015	4/30/2015	0.023	J		0.0022	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.01	J	
		VMP-14-20-072915	7/29/2015	0.04			0.003	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.01	J	
		VMP-14-20-110215	11/2/2015	0.026	J		0.0061			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0042	J		0.0056	J	
		VMP-14-20-012616	1/26/2016	0.016	J		0.0024	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.003	J	
		VMP-14-20-050416	5/4/2016	0.028	J		0.00085	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0082	J	
		VMP-14-20-072916	7/29/2016	0.027	J		0.0015	J		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		0.0045	J	
	29 ft	VMP-14-29	11/16/2009	<440	U		79000			<310	U		<480	U		<180	U		<100	U					<140	U	
		VMP-14-29-021811	2/18/2011	240	J		40000			<220	U		<330	U		<120	U		<71	U					<95	U	
		VMP-14-29-040511	4/5/2011	<260	U		51000			<180	U		<280	U		<110	U		<61	U		4900			<320	U	
		VMP-14-29-012612	1/26/2012	<300	U		26000			<210	U		<1300	U		<120	U		<69	U		4000			<370	U	
		VMP-14-29-042312	4/23/2012	<110	U		22000			<75	U		<120	U		<43	U		<25	U		2800			<130	U	
		VMP-14-29-072512	7/25/2012	<110	U		21000			<79	U		<120	U		<46	U		<26	U		2900			<140	U	
		VMP-14-29-101612	10/16/2012	<170	U		9400			<120	U		<180	U		<68	U		<39	U		1600			<210	U	
		VMP-14-29-013113-DUP	1/31/2013	<560	U	UJ	13000		J	<160	U		<240	U		<920	U		<52	U		380		J	<280	U	
		VMP-14-29-013113	1/31/2013	30	J	J	54000		J	<66	U		<100	U		<380	U		<22	U		2100		J	<120	U	
		VMP-14-29-050213	5/2/2013	<240	U		30000			<67	U		<100	U		<390	U		<22	U		2000			<120	U	
		VMP-14-29-080113	8/1/2013	14	J		27000			<50	U		<76	U		<29	U		<16	U		<70	U		<87	U	
		VMP-14-29-111113	11/11/2013	0.85	J		230			<1.4	U		<2.2	U		<0.84	U		<0.48	U		10			0.3	J	
		VMP-14-29-022614	2/26/2014	<2.2	U		300			<1.5	U		<2.4	U		<0.89	U		<0.51	U		39		J	<2.7	U	
		VMP-14-29-022614-Dup	2/26/2014	<1.2	U		310			<0.83	U		<1.3	U		<0.48	U		<0.27	U		1.3		J	<1.4	U	
		VMP-14-29-050114	5/1/2014	<0.14	U		7.6			<0.1	U		<0.15	U		<0.058	U		<0.033	U		<0.14	U		<0.18	U	
		VMP-14-29-050114-Dup	5/1/2014	0.038	J		7.3			<0.099	U		<0.15	U		<0.057	U		<0.033	U		<0.14	U		<0.17	U	
		VMP-14-29-081114	8/11/2014	0.029	J	J	0.041		J	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0052	J	J
		VMP-14-29-081114-DUP	8/11/2014	0.028	J		0.041			<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		<0.014	U		0.0048	J	
		VMP-14-29-103014	10/30/2014	0.021	J		0.12			<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		0.0054	J	
		VMP-14-29-020615	2/6/2015	0.0083	J		0.064			<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-14-29-043015	4/30/2015	0.045			0.032			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0076	J		0.019		
		VMP-14-29-043015-DUP	4/30/2015	0.032			0.038			<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		0.0072	J		0.014		
		VMP-14-29-072915	7/29/2015	0.05			0.0051			<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0067	J	
		VMP-14-29-110215	11/2/2015	0.043			0.0018	J		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		0.01	J		0.0062	J	
		VMP-14-29-012616	1/26/2016	0.012	J		0.002	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.31			<0.015	U	
		VMP-14-29-012616-DUP	1/26/2016	0.015	J		0.002	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.3			<0.014	U	
		VMP-14-29-050316	5/3/2016	0.013	J		0.0013	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-14-29-072916	7/29/2016	0.032	J		<0.0048	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0072	J	
		VMP-14-29-072916-DUP	7/29/2016	0.071			0.00087	J		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		0.0025	J		0.0075	J	
		VMP-14-29-110216	11/2/2016	0.019	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	5 ft	VMP-15-5	11/18/2009	<0.012	U		0.55		J	<0.008	U		<0.013	U		<0.004	U		<0.002	U					<0.003	U	
		VMP-15-5-D	11/18/2009	<0.012	U		0.26		J	<0.008	U		<0.013	U		<0.004	U		<0.002	U					<0.003	U	
		VMP 15-5-091410	9/14/2010	0.015			0.61			<0.0084	U		<0.013	U		<0.0049	J	U	<0.0028	U					0.001	J	
		VMP-15-5-113010	11/30/2010	<0.28	U		<0.096	U		<0.2	U		<0.31	U		<0.12	U		<0.066	U					<0.088	U	
		VMP-15-5-021611	2/16/2011	0.33			2			<0.19	U		<0.29	U		<0.11	U		<0.062	U					0.08	J	
		VMP-15-5-042011	4/20/2011	0.083	J		1.4			<0.44	U		<0.68	U		<0.26	U		<0.15	U		6.3			<0.78	U	
		VMP-15-5-080811	8/8/2011	0.088			0.14			<0.01	U		<0.015	J	U	<0.0058	U		<0.0033	U		0.0059	J		0.016	J	
		VMP-15-5-111511	11/15/2011	<0.016	U		2.1			<0.011	U		<0.017	U		<0.0064	U		<0.0037	U		0.12			0.0034	J	
		VMP-15-5-020112	2/1/2012	0.012	J		<0.027	U		<0.057	U		<0.35	U		<0.033	U		<0.019	U		<0.081	U		0.0093	J	
		VMP-15-5-042412	4/24/2012	0.026	J		0.063			<0.059	U		<0.09	U		<0.034	U		<0.019	U		<0.083	U		<0.1	U	
		VMP-15-5-072512	7/25/2012	0.064			0.005			<0.0066	U		<0.01	U		0.002	J	J	<0.0022	U		<0.0094	U		0.013		
		VMP-15-5-102512	10/25/2012	0.026	J		0.013			<0.01	U		<0.015	U		<0.058	U		<0.0033	U		0.18			0.015	J	
		VMP-15-5-020513	2/5/2013	0.006	J		0.004	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-15-5-050913	5/9/2013	0.031	J		0.0044	J		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		<0.019	U	
		VMP-15-5-080813	8/8/2013	0.045			0.0049			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.018		
		VMP-15-5-111113	11/11/2013	0.076			0.0032	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-15-5-022714	2/27/2014	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.006	J	
		VMP-15-5-050514	5/5/2014	0.041			<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0087	J	
		VMP-15-5-081414	8/14/2014	0.028	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U	UJ	<0.014	U		0.0056	J	
		VMP-15-5-110614	11/6/2014	0.015	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-15-5-020615	2/6/2015	<0.031	U		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-15-5-050415	5/4/2015	0.025	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0043	J	
		VMP-15-5-072915	7/29/2015	0.016	J		0.012			<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.0038	J	
		VMP-15-5-110415	11/4/2015	0.019	J		0.00083	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0073	J	
		VMP-15-5-020316	2/3/2016	0.02	J		<0.0083	U		<0.017	U		<0.027	U		<0.1	U		<0.0058	U		<0.025	U		<0.031	U	
		VMP-15-5-050316	5/3/2016	0.014	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-15-5-080216	8/2/2016	0.0097	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-15-5-110116	11/1/2016	<0.032	J	U	<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
	21.5 ft	VMP-15-21.5	11/18/2009	<5.4	U		11			<3.8	U		<5.9	U		<2.2	U		<1.3	U					<1.7	U	
		VMP 15-21.5-091410	9/14/2010	<1.3	U		0.61			<0.92	U		<1.4	U		<0.53	U		<0.3	U					<0.4	U	
		VMP-15-21.5-113010	11/30/2010	<1.5	U		<0.51	U		<1.1	U		<1.6	U		<0.62	U		<0.36	U					<0.47	U	
		VMP-15-21.5-021611	2/16/2011	<1.1	U		2.2			<0.75	U		<1.2	U		<0.43	U		<0.25	U					<0.33	U	
		VMP-15-21.5-042011	4/20/2011	<1.7	U		1.4			<1.2	U		<1.8	U		<0.68	U		<0.39	U		25			<2.1	U	
		VMP-15-21.5-080811	8/8/2011	0.37	J		0.8			<0.94	U		<1.4	U		<0.55	U		<0.31	U		35			<1.7	U	
		VMP-15-21.5-111511	11/15/2011	<1.1	U		0.18	J		<0.75	U		<1.2	U		<0.44	U		<0.25	U		4.4			<1.3	U	
		VMP-15-21.5-020112	2/1/2012	<0.8	U		0.16	J	J	<0.56	U		<3.5	U		<0.33	U		<0.18	U		<0.8	U		<0.99	U	
		VMP-15-21.5-042412	4/24/2012	<0.35	U		0.91			<0.24	U		<0.38	U		<0.14	U		<0.081	U		1			<0.43	U	
		VMP-15-21.5-072512	7/25/2012	0.19	J		0.25	J		<0.89	U		<1.4	U		<0.51	U		<0.29	U		0.26	J		<1.6	U	
		VMP-15-21.5-102512	10/25/2012	<2	U		0.24	J		<1.4	U		<2.2	U		<0.84	U		<0.48	U		1	J		<2.6	U	
		VMP-15-21.5-102512-Dup	10/25/2012	<2.1	U		0.24	J		<1.5	U		<2.3	U		<0.87	U		<0.49	U		1.1	J		<2.6	U	
		VMP-15-21.5-020713	2/7/2013	0.034	J		0.0077	J		<0.037	U		<0.057	U		<0.21	U		<0.012	U		0.4			<0.065	U	
		VMP-15-21.5-051513	5/15/2013	<1.2	U		0.22	J		<0.83	U		<1.3	U		<0.48	U		<0.27	U		32			<1.5	U	
		VMP-15-21.5-080813	8/8/2013	<0.26	U		<0.088	U		<0.18	U		<0.29	U		<0.11	U		<0.061	U		0.31			0.04	J	
		VMP-15-21.5-111113	11/11/2013	0.014	J		0.0021	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.015			<0.014	U	
		VMP-15-21.5-111113-Dup	11/11/2013	0.0074	J		0.002	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.015			<0.015	U	
		VMP-15-21.5-022714	2/27/2014	0.016	J		0.00092	J		0.0027	J		<0.012	U		<0.046	J	U	<0.0026	U		0.012			0.0074	J	
		VMP-15-21.5-050514	5/5/2014	0.062			0.0064			<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		0.011			0.016		
		VMP-15-21.5-081414	8/14/2014	<0.14	U		<0.047	U		<0.1	U		<0.15	U		<0.058	U	UJ	<0.033	U	UJ	<0.14	U		<0.18	U	
		VMP-15-21.5-110614	11/6/2014	0.058	J		0.0026	J		<0.027	U		<0.042	U		<0.16	U		<0.0089	U		0.031	J		<0.048	U	
		VMP-15-21.5-020615	2/6/2015	0.0077	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-15-21.5-050415	5/4/2015	0.014	J		0.00096	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		0.008	J		0.0084	J	
		VMP-15-21.5-072915	7/29/2015	0.039	J		0.015	J		<0.11	U		<0.16	U		<0.62	U		<0.035	U		1.1			<0.19	U	
		VMP-15-21.5-110415	11/4/2015	0.02	J		<0.0044	J	U	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0042	J	
		VMP-15-21.5-020316	2/3/2016	<0.42	U		<0.056	U		<0.12	U		<0.18	U		<0.68	U		<0.039	U		0.76			<0.21	U	
		VMP-15-21.5-050316	5/3/2016	0.051			0.0015	J		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		0.015			0.0058	J	
		VMP-15-21.5-080216	8/2/2016	0.034	J		0.0081	J		<0.059	U		<0.091	U		<0.34	U		<0.019	U		<0.084	U		<0.1	U	
		VMP-15-21.5-110116	11/1/2016	0.018	J		0.0066			<0.013	U		<0.021	U		<0.078	U		<0.0044	U		<0.019	U		<0.024	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	25.5 ft	VMP-15-25.5	11/18/2009	<5.6	U		18			<4	U		<6.2	U		<2.3	U		<1.3	U					<1.8	U	
		VMP 15-25.5-091410	9/14/2010	0.013			0.3			<0.0086	U		<0.013	U		<0.005	U		<0.0028	U					0.0015	J	
		VMP-15-25.5-021611	2/16/2011	<0.16	U		0.36			<0.12	U		<0.18	U		<0.067	U		<0.038	U					<0.051	U	
		VMP-15-25.5-042011	4/20/2011	<0.13	U		1.6			<0.094	U		<0.14	U		<0.055	U		<0.031	U		0.06	J		<0.17	U	
		VMP-15-25.5-042011-DUP	4/20/2011	<0.12	U		1.4			<0.088	U		<0.14	U		<0.051	U		<0.029	U		0.27			<0.16	U	
		VMP-15-25.5-080811	8/8/2011	0.054	J		0.13			<0.094	U		<0.14	U		<0.055	U		<0.031	U		0.58			<0.17	U	
		VMP-15-25.5-111511	11/15/2011	<0.041	U		3.4			0.12			<0.045	U		<0.017	U		<0.0096	U		0.35			<0.051	U	
		VMP-15-25.5-073112	7/31/2012	0.091			0.024	J		<0.061	U		<0.094	U		<0.036	U		<0.02	U		0.71			0.023	J	
		VMP-15-25.5-102512	10/25/2012	<0.035	U		0.034			<0.01	U		<0.015	U		<0.058	U		<0.0033	U		0.058			0.019		
		VMP-15-25.5-021213	2/12/2013	<0.43	U		<0.14	U		<0.3	U		<0.46	U		<0.17	U		<0.099	U		2.4			<0.53	U	
		VMP-15-25.5-050913	5/9/2013	55		J	<1.9	U		<4	U		<6.2	U		<23	U		<1.3	U		65			<7.1	U	
		VMP-15-25.5-080813	8/8/2013	0.059			0.0066			<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		0.049			0.016	J	
		VMP-15-25.5-111113	11/11/2013	0.0084	J		0.00094	J		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-15-25.5-022714	2/27/2014	0.014	J		0.001	J		<0.0081	U		<0.012	U		<0.047	J	U	<0.0027	U		0.027			<0.014	U	
		VMP-15-25.5-050514	5/5/2014	0.024	J		0.0033	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.019			<0.014	U	
		VMP-15-25.5-081414	8/14/2014	<0.14	U		0.037	J		<0.099	U		<0.15	U		<0.057	U	UJ	<0.033	U	UJ	0.22			<0.17	U	
		VMP-15-25.5-110614	11/6/2014	0.23			0.0034	J		<0.032	U		<0.049	U		<0.18	U		<0.01	U		0.11			<0.056	U	
		VMP-15-25.5-110614-DUP	11/6/2014	0.23			0.0041	J		<0.028	U		<0.044	U		<0.16	U		<0.0093	U		0.11			<0.05	U	
		VMP-15-25.5-020615	2/6/2015	<0.033	U		0.0031	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.082			<0.016	U	
		VMP-15-25.5-050415	5/4/2015	0.015	J		0.0026	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		0.015			0.0066	J	
		VMP-15-25.5-072915	7/29/2015	<0.17	U		0.19			<0.12	U		<0.18	U		<0.068	U		<0.039	U		6.3			<0.21	U	
		VMP-15-25.5-110415	11/4/2015	0.015	J		0.0015	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		0.0099	J		0.003	J	
		VMP-15-25.5-020316	2/3/2016	<0.66	U		0.21	J		<0.47	U		<0.72	U		<0.27	U		<0.15	U		9.4	J0	J	<0.82	U	
		VMP-15-25.5-050316	5/3/2016	0.011	J		0.03			<0.022	U		<0.035	U		<0.13	U		<0.0074	U		0.14			<0.04	U	
		VMP-15-25.5-080216	8/2/2016	<0.34	U		<0.045	U		<0.095	U		<0.15	U		<0.55	U		<0.031	U		1.1			<0.17	U	
		VMP-15-25.5-110116	11/1/2016	0.023	J		0.11			<0.061	U		<0.094	U		<0.35	U		<0.02	U		0.97			<0.11	U	
		VMP-15-25.5-110116-Dup	11/1/2016	<0.22	U		0.12			<0.063	U		<0.097	U		<0.36	U		<0.021	U		1			<0.11	U	
	29 ft	VMP-15-29	11/19/2009	<7.1	U		30			<5	U		<7.7	U		<2.9	U		<1.6	U					<2.2	U	
		VMP-15-29-073112	7/31/2012	0.1	J	J	0.17		J	<0.26	U		<0.4	U		<0.15	U		<0.087	U		5.8		J	<0.46	U	
		VMP-15-29-102512	10/25/2012	<0.073	U		0.026			<0.021	U		<0.032	U		<0.12	U		<0.0068	U		0.28			0.033	J	
		VMP-15-29-021213	2/12/2013	0.26			<0.086	U		<0.18	U		<0.28	U		<0.1	U		<0.06	U		2			<0.32	U	
		VMP-15-29-050913	5/9/2013	11		J	<0.94	U		<2	U		<3	U		<11	U		<0.65	U		11			<3.5	U	
		VMP-15-29-080813	8/8/2013	0.058			0.0057			<0.0094	U		<0.014	U		0.0032	J		<0.0031	U		<0.013	U		0.014	J	
		VMP-15-29-111113	11/11/2013	0.022	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.024			<0.016	U	
		VMP-15-29-022714	2/27/2014	0.026	J		0.00074	J		<0.0081	U		<0.012	U		<0.047	J	U	<0.0027	U		<0.012	U		0.0049	J	
		VMP-15-29-022714-Dup	2/27/2014	0.014	J		0.0011	J		<0.008	U		<0.012	U		<0.046	J	U	<0.0026	U		<0.011	U		<0.014	U	
		VMP-15-29-081414	8/14/2014	0.13	J		0.11			<0.097	U		<0.15	U		<0.056	U	UJ	<0.032	U	UJ	0.13	J		<0.17	U	
		VMP-15-29-110614	11/6/2014	0.17			0.0036	J		<0.037	U		<0.057	U		<0.21	U		<0.012	U		0.092			<0.065	U	
		VMP-15-29-020615	2/6/2015	<0.029	U		0.016			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.098			<0.014	U	
		VMP-15-29-020615-DUP	2/6/2015	<0.031	U		0.017			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.096			<0.015	U	
		VMP-15-29-050415	5/4/2015	0.019	J		0.01			<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.027			0.0063	J	
		VMP-15-29-072915	7/29/2015	<0.19	U		0.21			<0.13	U		<0.2	U		<0.076	U		<0.044	U		7.3			<0.23	U	
		VMP-15-29-072915-DUP	7/29/2015	0.06	J		0.2			<0.11	U		<0.17	U		<0.064	U		<0.036	U		7.1			<0.19	U	
		VMP-15-29-110415	11/4/2015	0.029	J		0.0045			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.018			0.0068	J	
		VMP-15-29-020316	2/3/2016	<0.25	U		0.2			<0.18	U		<0.27	U		<0.1	U		<0.059	U		8.3	J0	J	<0.31	U	
		VMP-15-29-050316	5/3/2016	0.012	J		0.0062			<0.0092	U		<0.014	U		0.0032	J		<0.003	U		0.044			0.0028	J	
		VMP-15-29-080216	8/2/2016	<0.42	U		0.089			<0.12	U		<0.18	U		<0.69	U		<0.039	U		0.45			<0.21	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5	11/20/2009	<0.16	U		0.13			<0.11	U		<0.17	U		<0.065	U		<0.037	U					<0.05	U	
		VMP-16-5-090210	9/2/2010	<23	U		17			<16	U		<25	U		<9.2	U		<5.3	U					<7	U	
		VMP-16-5-112910	11/29/2010	<10	U		16		J	<7.3	U		<11	U		<4.2	U		<2.4	U					<3.2	U	
		VMP-16-5-021511	2/15/2011	<6.3	U		10		J	<4.4	U		<6.8	U		<2.6	U		<1.5	U					<1.9	U	
		VMP-16-5-042211	4/22/2011	<8.4	U		7			<5.9	U		<9.1	U		<3.4	U		<1.9	U		260			<10	U	
		VMP-16-5-080511	8/5/2011	0.5	J		2.9			<1.9	U		<2.9	U		<1.1	U		<0.62	U		39			<3.3	U	
		VMP-16-5-042512	4/25/2012	<9.1	U		6			<6.4	U		<9.9	U		<3.7	U		<2.1	U		140			<11	U	
		VMP-16-5-073012	7/30/2012	<8.5	U		8.8		J	<6	U		<9.2	U		<3.5	U		<2	U		58		J	<10	U	
		VMP-16-5-102512	10/25/2012	<6.7	U		0.63	J		<4.7	U		<7.3	U		<2.7	U		<1.6	U		4	J		<8.3	U	
		VMP-16-5-021413	2/14/2013	<1	U		0.17	J	J	<0.74	U		<1.1	U		<0.43	U		<0.24	U		<1	U		<1.3	U	
		VMP-16-5-042313	4/23/2013	<2	U		0.48	J		<1.4	U		<2.2	U		<0.82	U		<0.47	U		1.1	J		<2.5	U	
		VMP-16-5-081313	8/13/2013	0.24			0.0018	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0045	J	
		VMP-16-5-111513	11/15/2013	0.017	J		0.017			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.01	J		0.0086	J	
		VMP-16-5-030614	3/6/2014	0.0081	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U					<0.015	U	
		VMP-16-5-050214	5/2/2014	0.0089	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0018	J	
		VMP-16-5-081514	8/15/2014	0.039			0.0015	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		0.021			0.0095	J	
		VMP-16-5-110714	11/7/2014	0.012	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-16-5-021115	2/11/2015	0.0098	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-16-5-050715	5/7/2015	0.047			0.02			<0.01	U		<0.015	U		<0.058	U		<0.0033	U		0.013	J		0.11		
		VMP-16-5-073115	7/31/2015	0.016	J		<0.0042	J	U	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	UJ	0.013		J	<0.016	J	U
		VMP-16-5-110415	11/4/2015	0.02	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	J	U
		VMP-16-5-020316	2/3/2016	0.016	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0031	J	
		VMP-16-5-050416	5/4/2016	0.027	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0057	J	
		VMP-16-5-080316	8/3/2016	0.044			0.0016	J		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		0.01	J		0.0073	J	
		VMP-16-5-103116	10/31/2016	<0.03	J	U	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	13.5 ft	VMP-16-13.5	11/19/2009	<0.71	U		0.69			<0.5	U		<0.77	U		<0.29	U		<0.16	U					<0.22	U	
		VMP-16-13.5-090210	9/2/2010	3.6	J		17			<16	U		<26	U		<9.6	U		<5.5	U					<7.3	U	
		VMP-16-13.5-090210-DUP	9/2/2010	<23	U		16			<16	U		<26	U		<9.6	U		<5.5	U					<7.3	U	
		VMP-16-13.5-112910	11/29/2010	<66	U		21	J		<47	U		<72	U		<27	U		<15	U					<21	U	
		VMP-16-13.5-021611	2/16/2011	<13	U		7.1			<9	U		<14	U		<5.2	U		<3	U					<4	U	
		VMP-16-13.5-021611-DUP	2/16/2011	<12	U		9.3			<8.8	U		<14	U		<5.1	U		<2.9	U					<3.9	U	
		VMP-16-13.5-042211	4/22/2011	<13	U		8.3			<9.5	U		<15	U		<5.5	U		<3.1	U		320			<17	U	
		VMP-16-13.5-080511	8/5/2011	<1.3	U	UJ	0.54		J	<0.92	U	UJ	<1.4	U	UJ	<0.54	U	UJ	<0.3	U	UJ	14		J	<1.6	U	UJ
		VMP-16-13.5-042512	4/25/2012	<1.4	U		7.6		J	<1	U		<1.6	U		<0.59	U		<0.34	U		360			<1.8	U	
		VMP-16-13.5-073012	7/30/2012	9.8	J		27			<31	U		<47	U		<18	U		<10	U		180			<54	U	
		VMP-16-13.5-102512	10/25/2012	20	J		22	J		<94	U		<140	U		<55	U		<31	U		77	J		<170	U	
		VMP-16-13.5-021413	2/14/2013	5.3	J	J	21		J	<15	U		<23	U		<8.7	U		<5	U		92		J	<26	U	
		VMP-16-13.5-042313	4/23/2013	<6.1	U		13			<4.3	U		<6.7	U		<2.5	U		<1.4	U		200			<7.6	U	
		VMP-16-13.5-081313	8/13/2013	<14	U		25		J	<9.7	U		<15	U		<5.6	U		<3.2	U		20		J	<17	U	
		VMP-16-13.5-081313-Dup	8/13/2013	<35	U		24			<25	U		<38	U		<14	U		<8.1	U		26	J		<43	U	
		VMP-16-13.5-111513	11/15/2013	<240	U		24	J		<69	U		<110	U		<400	U		<23	U		<98	U		<120	U	
		VMP-16-13.5-030614	3/6/2014	<11	U		6		J	<7.8	U		<12	U		<4.5	ND,UJ	UJ	<2.6	U		14		J	<14	U	
		VMP-16-13.5-050214	5/2/2014	<2.9	U		4.1		J	<2.1	U		<3.2	U		<1.2	U		<0.68	U		4.3		J	<3.6	U	
		VMP-16-13.5-050214-Dup	5/2/2014	<11	U		2	J	J	<7.6	U		<12	U		<4.4	U		<2.5	U		<11	U		<13	U	
		VMP-16-13.5-081514	8/15/2014	43	J		15	J		<46	U		<72	U		<270	U		<15	U		<66	U		22	J	
		VMP-16-13.5-110714	11/7/2014	<12	U		7.5			<8.8	U		<14	U		<5.1	U		<2.9	U		<12	U		<16	U	
		VMP-16-13.5-110714-DUP	11/7/2014	<12	U		7.2			<8.3	U		<13	U		<4.8	U		<2.7	U		5.3	J		<14	U	
		VMP-16-13.5-021115	2/11/2015	<21	U		3.6	J		<15	U		<23	U		<8.6	U		<4.9	U		21	J		<26	U	
		VMP-16-13.5-050715	5/7/2015	11	J		3.2	J		<21	U		<33	U		<120	U		<7.1	U		<30	U		<38	U	
		VMP-16-13.5-073115	7/31/2015	<6.6	U		4.9			<4.7	U		<7.2	U		<2.7	U		<1.5	U		<6.6	U		<8.2	U	
		VMP-16-13.5-110415	11/4/2015	<13	U		4.1	J		<9.4	U		<14	U		<5.5	U		<3.1	U		<13	U		<17	U	
		VMP-16-13.5-020316	2/3/2016	<63	U		<21	U		<44	U		<68	U		<26	U	UJ	<15	U		<63	ND,UJ	UJ	<78	U	
		VMP-16-13.5-052516-R	5/25/2016	<6.5	U		1.4	J		<4.6	U		<7	U		<2.6	U		<1.5	U		<6.5	U		<8	U	
		VMP-16-13.5-080316	8/3/2016	14	J		3.5	J		<15	U		<23	U		<87	U		<5	U		<21	U		<26	U	
		VMP-16-13.5-103116	10/31/2016	<6.6	U		1.3	J		<4.7	U		<7.2	U		<11	U		<1.5	U		<6.6	U		<8.2	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	19 ft	VMP-16-19	11/19/2009	<6.1	U		4.6			<4.3	U		<6.7	U		<2.5	U		<1.4	U					<1.9	U	
		VMP-16-19-090210	9/2/2010	<23	U		27			<16	U		<26	U		<9.6	U		<5.5	U					<7.3	U	
		VMP-16-19-112910	11/29/2010	<51	U		20			<36	U		<56	U		<21	U		<12	U					<16	U	
		VMP-16-19-021611	2/16/2011	<12	U		7.7			<8.6	U		<13	U		<5	U		<2.8	U					<3.8	U	
		VMP-16-19-042711	4/27/2011	<12	U		3.7	J		<8.8	U		<14	U		<5.1	U		<2.9	U		150			<16	U	
		VMP-16-19-042711-DUP	4/27/2011	<12	U		3.1	J		<8.6	U		<13	U		<5	U		<2.8	U		160			<15	U	
		VMP-16-19-042512	4/25/2012	5.2	J		12			<24	U		<36	U		<14	U		<7.8	U		390			<42	U	
		VMP-16-19-073012	7/30/2012	<30	U		14			<21	U		<33	U		<12	U		<7	U		230			<37	U	
		VMP-16-19-102512	10/25/2012	15	J		14	J		<88	U		<140	U		<51	U		<29	U		130			<160	U	
		VMP-16-19-021413	2/14/2013	<12	U		17		J	<8.8	U		<14	U		<5.1	U		<2.9	U		240		J	<16	U	
		VMP-16-19-042313	4/23/2013	<11	U		9.4			<8.1	U		<12	U		<4.7	U		<2.7	U		200			<14	U	
		VMP-16-19-081313	8/13/2013	<13	U		12		J	<9.2	U		<14	U		<5.4	U		<3	U		110		J	<16	U	
		VMP-16-19-111513	11/15/2013	<210	U		12	J		<59	U		<90	U		<340	U		<19	U		340			<100	U	
		VMP-16-19-111513-Dup	11/15/2013	<210	U		12	J		<59	U		<90	U		<340	U		<19	U		350			<100	U	
		VMP-16-19-030614	3/6/2014	<29	U		4.9	J		<20	U		<31	U		<12	ND,UJ	UJ	<6.6	U		180			<36	U	
		VMP-16-19-050214	5/2/2014	<12	U		2.6	J		<8.8	U		<14	U		<5.1	U		<2.9	U		120			<15	U	
		VMP-16-19-081514	8/15/2014	<78	U		8.6	J		<22	U		<34	U		<130	U		<7.2	U		220			<39	U	
		VMP-16-19-110714	11/7/2014	<12	U	UJ	3.3	J	J	<8.1	U	UJ	<12	U	UJ	<4.7	U	UJ	<2.7	U	UJ	22		J	<14	U	UJ
		VMP-16-19-120214-R	12/2/2014	<13	U		5.2			<9	U		<14	U		<5.2	U		<3	U		38			<16	U	
		VMP-16-19-021115	2/11/2015	<11	U		3.8			<7.6	U		<12	U		<4.4	U		<2.5	U		19			<13	U	
		VMP-16-19-050715	5/7/2015	29	J		4.5	J		<16	U		<25	U		<95	U		<5.4	U		31			8	J	
		VMP-16-19-073115	7/31/2015	<14	U		4.4	J		<9.7	U		<15	U		<5.6	U		<3.2	U		11	J		<17	U	
		VMP-16-19-110415	11/4/2015	<2.2	U		5.6			<1.6	U		<2.4	U		<0.91	U		<0.52	U		35			<2.8	U	
		VMP-16-19-020316	2/3/2016	<74	U		<25	U		<52	U		<80	U		<30	U	UJ	<17	U		20	J	J	<91	U	
		VMP-16-19-050416	5/4/2016	1.3	J		3.6			<3.3	U		<5.1	U		<19	U		<1.1	U		6.4			<5.8	U	
		VMP-16-19-080316	8/3/2016	18	J		4.2	J		<9.9	U		<15	U		<57	U		<3.3	U		4.7	J		2.9	J	
		VMP-16-19-103116	10/31/2016	<6.2	U		4.3			<4.4	U		<6.7	U		<10	U		<1.4	U		18			<7.7	U	
	31 ft	VMP-16-31	11/19/2009	<9.2	U		<3.1	U		<6.5	U		<10	U		<3.8	U		<2.1	U					<2.9	U	
		VMP-16-31-D	11/19/2009	<9.2	U		<3.1	U		<6.5	U		<10	U		<3.8	U		<2.1	U					<2.9	U	
		VMP-16-31-090310	9/3/2010	0.033			0.0064			<0.0097	U		<0.015	U		0.0019	J		<0.0032	U					0.0056		
		VMP-16-31-112910	11/29/2010	<52	U		20			<36	U		<56	U		<21	U		<12	U					<16	U	
		VMP-16-31-042512	4/25/2012	6.7	J		15			<29	U		<44	U		<17	U		<9.5	U		470			<51	U	
		VMP-16-31-073012	7/30/2012	8.1	J		16			<23	U		<36	U		<14	U		<7.7	U		320			<41	U	
		VMP-16-31-102512	10/25/2012	<160	U		12	J		<110	U		<170	U		<64	U		<36	U		150	J		<190	U	
		VMP-16-31-021813	2/18/2013	<47	U		29			<33	U		<52	U		<19	U		<11	U		290			<59	U	
		VMP-16-31-042313	4/23/2013	<30	U		15			<21	U		<33	U		<12	U		<7	U		290			<37	U	
		VMP-16-31-081313	8/13/2013	<34	U		10	J		<24	U		<37	U		<14	U		<7.9	U		160			<42	U	
		VMP-16-31-111513	11/15/2013	<190	U		5.8	J		<54	U		<83	U		<310	U		<18	U		35	J		<94	U	
		VMP-16-31-030614	3/6/2014	<21	U		3.9	J		<15	U		<23	U		<8.8	ND,UJ	UJ	<5	U		140			<27	U	
		VMP-16-31-050214	5/2/2014	<6.1	U		1.8	J		<4.3	U		<6.7	U		<2.5	U		<1.4	U		96			<7.6	U	
		VMP-16-31-081514	8/15/2014	17	J		5.4	J		<23	U		<36	U		<130	U		<7.6	U		240			13	J	
		VMP-16-31-081514-Dup	8/15/2014	26	J		5.2	J		<24	U		<37	U		<140	U		<7.8	U		270			14	J	
		VMP-16-31-110714	11/7/2014	<5.8	U		3.3			<4.1	U		<6.3	U		<2.4	U		<1.3	U		94			<7.2	U	
		VMP-16-31-021115	2/11/2015	<9.5	U		2.9	J		<6.7	U		<10	U		<3.9	U		<2.2	U		53			<12	U	
		VMP-16-31-050715	5/7/2015	7.6	J		2.5	J		<12	U		<18	U		<70	U		<4	U		44			<21	U	
		VMP-16-31-073115	7/31/2015	<7	U		2.8			<5	U		<7.6	U		<2.9	U		<1.6	U		20			<8.7	U	
		VMP-16-31-073115-DUP	7/31/2015	<6.6	U		2.7			<4.6	U		<7.1	U		<2.7	U		<1.5	U		20			<8.1	U	
		VMP-16-31-110415	11/4/2015	<14	U		4.3	J		<9.7	U		<15	U		<5.6	U		<3.2	U		24			<17	U	
		VMP-16-31-020316	2/3/2016	<25	U		5	J		<18	U		<27	U		<10	U	UJ	<5.9	U		18	J	J	<31	U	
		VMP-16-31-020316-DUP	2/3/2016	<30	U		5.1	J		<21	U		<33	U		<12	U	UJ	<7	U		18	J	J	<38	U	
		VMP-16-31-050416	5/4/2016	15	J		6.1			<8.9	U		<14	U		<52	U		<2.9	U		26			<16	U	
		VMP-16-31-050416-DUP	5/4/2016	13	J		7			<8.7	U		<13	U		<50	U		<2.9	U		23			<15	U	
		VMP-16-31-080316	8/3/2016	13	J		5.3			<6	U		<9.3	U		<35	U		<2	U		27			4.2	J	
		VMP-16-31-103116	10/31/2016	<6	U		5.7			<4.2	U		<6.6	U		<9.9	U		<1.4	U		68			<7.5	U	
		VMP-16-31-103116-Dup	10/31/2016	<6.4	U		5.5			<4.5	U		<6.9	U		<10	U		<1.5	U		63			<7.9	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	0.06		J	0.0051			<0.009	U		<0.015	U		<0.005	U		<0.003	U					0.018		J
		VMP-17-5-DUP	6/21/2010	0.027		J	0.0044	J		<0.01	U		<0.016	U		<0.005	U		<0.003	U					0.0028	J	J
		VMP-17-5-090110	9/1/2010	0.25			0.0086			<0.009	U		<0.014	U		<0.0052	U		<0.003	U					0.096		
		VMP-17-5-112210	11/22/2010	0.03			0.0044			<0.009	U		<0.014	U		<0.0052	U		<0.003	U					0.0048		
		VMP-17-5-020711	2/7/2011	0.012	J		0.0061			<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U					<0.0037	U	
		VMP-17-5-040611	4/6/2011	0.039	J		5.8			<0.034	U		<0.052	U		<0.02	U		<0.011	U		0.13			0.005	J	
		VMP-17-5-080111	8/1/2011	<0.18	U		0.17			<0.13	U		<0.2	U		<0.075	U		<0.042	U		14			<0.23	U	
		VMP-17-5-110711	11/7/2011	0.029			0.0018	J		<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U		0.0067	J		0.0063	J	
		VMP-17-5-012612	1/26/2012	0.013			0.0022	J		<0.006	U		<0.0092	U		<0.0035	U		<0.002	U		0.0025	J		0.0098	J	
		VMP-17-5-041112	4/11/2012	0.028			0.021			<0.0061	U		<0.0094	U		<0.036	U		<0.002	U		0.0051	J		0.039		
		VMP-17-5-071112	7/11/2012	0.099			0.11			<0.0066	U		<0.01	U		<0.038	U		<0.0022	U		0.0061	J		0.034		
		VMP-17-5-100912	10/9/2012	0.062			0.0043	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0055	J	
		VMP-17-5-013113	1/31/2013	0.011	J		0.71			<0.036	U		<0.055	U		<0.2	U		<0.012	U		<0.05	U		<0.062	U	
		VMP-17-5-013113-DUP	1/31/2013	0.0096	J		1			<0.036	U		<0.055	U		<0.2	U		<0.012	U		0.039	J		<0.062	U	
		VMP-17-5-050113	5/1/2013	0.015	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-17-5-072913	7/29/2013	0.029	J		0.0025	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.018			0.0081	J	
		VMP-17-5-072913-Dup	7/29/2013	0.018	J		0.0008	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		0.021			0.0076	J	
		VMP-17-5-110813	11/8/2013	0.0072	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-17-5-021114	2/11/2014	0.0075	J		0.0011	J		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		0.0076	J		<0.014	U	
		VMP-17-5-042214	4/22/2014	0.024	J		0.0032	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		0.0071	J		0.0045	J	
		VMP-17-5-073114	7/31/2014	0.018	J		0.0011	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0027	J	
		VMP-17-5-103014	10/30/2014	0.015	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-17-5-020415	2/4/2015	<0.029	U		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-17-5-050115	5/1/2015	0.013	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0074	J	
		VMP-17-5-072815	7/28/2015	0.016	J		<0.0048	J	U	<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0036	J	
		VMP-17-5-102915	10/29/2015	0.014	J		0.0014	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.007	J	
		VMP-17-5-020216	2/2/2016	<0.028	J	U	<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.0099	J		<0.014	U	
		VMP-17-5-050216	5/2/2016	0.006	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-17-5-072516	7/25/2016	0.017	J		0.0015	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		0.0049	J	
		VMP-17-5-103116	10/31/2016	0.016	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0047	J	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	0.042			0.0048			<0.009	U		<0.015	U		<0.005	U		<0.003	U					0.0044		
		VMP-18-8.5-090710	9/7/2010	0.013			0.093			0.0027	J		<0.013	U		<0.005	J	U	<0.0028	U					0.0032	J	
		VMP-18-8.5-111910	11/19/2010	0.0077	J		<0.0034	U		<0.0072	U		<0.011	U		<0.0042	U		<0.0024	U					0.0013	J	
		VMP-18-8.5-020711	2/7/2011	0.18		J	0.0024	J		<0.008	U		<0.012	U		<0.0046	U		<0.0026	U					0.0049		
		VMP-18-8.5-020711-DUP	2/7/2011	0.012		J	0.0013	J		<0.0077	U		<0.012	U		<0.0044	U		<0.0025	U					0.0016	J	
		VMP-18-8.5-040711	4/7/2011	0.015			0.084			<0.0086	U		<0.013	U		<0.005	U		<0.0028	U		0.0069	J		0.0023	J	
		VMP-18-8.5-072811	7/28/2011	0.075			0.096			<0.0092	U		<0.014	U		<0.0054	U		<0.003	U		<0.013	U		0.025		
		VMP-18-8.5-110711	11/7/2011	0.015			0.00097	J		<0.006	U		<0.0092	U		<0.0035	U		<0.002	U		<0.0085	U		0.0065	J	
		VMP-18-8.5-012312	1/23/2012	0.0081	J		0.0012	J		<0.0065	U		<0.01	U		<0.0038	U		<0.0021	U		<0.0092	U		0.007	J	
		VMP-18-8.5-041012	4/10/2012	0.056			0.039			<0.0067	U		<0.01	U		<0.039	U		<0.0022	U		0.0047	J		0.071		
		VMP-18-8.5-071212	7/12/2012	0.079			0.12			<0.0066	U		<0.01	U		<0.038	U		<0.0022	U		0.0046	J		0.032		
		VMP-18-8.5-100912	10/9/2012	0.1			0.0064			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.013	J	
		VMP-18-8.5-012313	1/23/2013	0.0051	J		0.025			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-18-8.5-050113	5/1/2013	0.042			<0.0049	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		<0.018	U	
		VMP-18-8.5-072913	7/29/2013	0.027	J		0.0019	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.042			0.0054	J	
		VMP-18-8.5-102513	10/25/2013	0.056			0.00082	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0044	J		0.013	J	
		VMP-18-8.5-102513-Dup	10/25/2013	0.039			0.0016	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		0.0028	J		0.013	J	
		VMP-18-8.5-020614	2/6/2014	0.0055	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-18-8.5-042214	4/22/2014	<0.035	J	U	0.002	J		<0.0099	J	U	<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0059	J	
		VMP-18-8.5-042214-Dup	4/22/2014	<0.031	J	U	0.0021	J		<0.0087	J	U	<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.0049	J	
		VMP-18-8.5-073114	7/31/2014	0.035	J		<0.0051	U		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.0064	J	
		VMP-18-8.5-110314	11/3/2014	0.013	J		0.0027	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0083	J	
		VMP-18-8.5-020415	2/4/2015	0.0078	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-18-8.5-050115	5/1/2015	0.01	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0028	J	
		VMP-18-8.5-050115-DUP	5/1/2015	0.0089	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0029	J	
		VMP-18-8.5-072815	7/28/2015	0.018	J		<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0072	J	
		VMP-18-8.5-102915	10/29/2015	0.022	J		0.0011	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0059	J	
		VMP-18-8.5-020216	2/2/2016	0.024	J		0.00091	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.02			0.0067	J	
		VMP-18-8.5-050516	5/5/2016	0.014	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0035	J	
		VMP-18-8.5-072516	7/25/2016	0.02	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-18-8.5-102516	10/26/2016	0.018	J		<0.008	U		<0.017	U		<0.026	U		<0.098	U		<0.0056	U		<0.024	U		<0.03	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	0.042			0.02			<0.009	U		<0.014	U		<0.005	U		<0.003	U					0.0054		
		VMP-19-5-090110	9/1/2010	0.044			0.019			<0.0086	U		<0.013	U		<0.005	U		<0.0028	U					0.013		
		VMP-19-5-111510	11/15/2010	0.02			0.0092			<0.0092	U		<0.014	U		<0.0054	J	U	<0.003	U					0.0013	J	
		VMP-19-5-020411	2/4/2011	0.0091	J		0.015			<0.0081	U		<0.012	U		<0.0047	U		<0.0027	U					<0.0036	U	
		VMP-19-5-040711	4/7/2011	0.01	J		0.76			<0.009	U		<0.014	U		<0.0052	U		<0.003	U		0.0052	J		0.0017	J	
		VMP-19-5-080911	8/9/2011	0.07		J	0.48			<0.0099	U		<0.015	J	U	<0.0057	U		<0.0033	U		0.068		J	0.017	J	
		VMP-19-5-080911-DUP	8/9/2011	0.054		J	0.41			<0.0094	U		<0.014	U		<0.0055	U		<0.0031	U		0.043		J	0.018		
		VMP-19-5-110811	11/8/2011	0.018			0.0066			<0.0066	U		<0.01	U		<0.0038	U		<0.0022	U		0.015			0.0036	J	
		VMP-19-5-012612	1/26/2012	0.0089			0.001	J		<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U		0.0061	J		0.0012	J	
		VMP-19-5-041012	4/10/2012	0.031			0.028			<0.0066	U		<0.01	U		<0.038	U		<0.0022	U		0.0037	J		0.06		
		VMP-19-5-071112	7/11/2012	0.085			0.082			<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.03		
		VMP-19-5-100912	10/9/2012	0.032	J		0.0033	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-19-5-013113	1/31/2013	0.023	J		1.5			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.057			<0.015	U	
		VMP-19-5-043013	4/30/2013	0.0093	J		<0.0054	U		<0.011	U		<0.018	U		<0.066	U		<0.0038	U		<0.016	U		<0.02	U	
		VMP-19-5-073113	7/31/2013	0.024	J		0.0022	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.024		
		VMP-19-5-102513	10/25/2013	0.031	J		0.00076	J		<0.0095	U		<0.015	U		0.0016	J		<0.0031	U		0.007	J		0.016	J	
		VMP-19-5-020614	2/6/2014	0.018	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-19-5-042214	4/22/2014	<0.034	J	U	<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		<0.017	U	
		VMP-19-5-073114	7/31/2014	0.016	J		<0.0052	U		<0.011	U		<0.017	U		<0.064	U		<0.0036	U		<0.016	U		<0.019	U	
		VMP-19-5-110314	11/3/2014	0.0078	J		0.0012	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-19-5-020415	2/4/2015	0.01	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-19-5-050115	5/1/2015	0.017	J		0.001	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		0.0068	J	
		VMP-19-5-072815	7/28/2015	0.022	J		0.0013	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		0.051			0.0081	J	
		VMP-19-5-102615	10/26/2015	0.031	J		<0.0044	J	U	<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.016	J	
		VMP-19-5-020216	2/2/2016	0.016	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.012	J		<0.016	U	
		VMP-19-5-050616	5/6/2016	0.021	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0035	J	
		VMP-19-5-072816	7/28/2016	0.023	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0032	J	
		VMP-19-5-102516	10/26/2016	0.014	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	0.032			0.27			<0.0081	U		<0.012	U		<0.0047	U		<0.0027	U					0.0026	J	
		VMP-20-5-041511	4/15/2011	0.019	J		0.037	J		<0.089	U		<0.14	U		<0.052	U		<0.029	U		17			<0.16	U	
		VMP-20-5-072511	7/25/2011	0.036			0.038			<0.0094	U		<0.014	U		<0.0055	U		<0.0031	U		<0.013	U		0.016		
		VMP-20-5-110111	11/1/2011	0.017			0.015			<0.0054	U		<0.0083	U		<0.0031	U		<0.0018	U		0.004	J		0.0037	J	
		VMP-20-5-012312	1/23/2012	0.012	J		0.19			<0.026	U		<0.04	U		<0.015	U		<0.0086	U		0.14			0.0054	J	
		VMP-20-5-041012	4/10/2012	0.07			0.0043			<0.0059	U		<0.009	U		<0.034	U		<0.0019	U		0.0037	J		0.031		
		VMP-20-5-071112	7/11/2012	0.031			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0039	J	
		VMP-20-5-073112	7/31/2012	0.15			0.048			<0.0066	U		<0.01	U		<0.038	U		<0.0022	U		<0.0093	U		0.023		
		VMP-20-5-100412	10/4/2012	0.021	J		0.0082			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-20-5-020713	2/7/2013	0.024	J		0.035			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.51			0.0028	J	
		VMP-20-5-041913	4/19/2013	0.0099	J		0.0036	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.041			<0.015	U	
		VMP-20-5-072313	7/23/2013	0.24			0.0011	J		<0.0094	U		<0.014	J	U	<0.055	U		<0.0031	U		<0.013	U		0.0073	J	
		VMP-20-5-110113	11/1/2013	0.0079	J		0.00092	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0029	J	
		VMP-20-5-021014	2/10/2014	<0.031	U		<0.0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-20-5-042114	4/21/2014	0.01	J		0.0014	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.011	J		0.0022	J	
		VMP-20-5-072514	7/25/2014	0.0073	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-20-5-102714	10/27/2014	0.0077	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-20-5-012715	1/27/2015	0.0092	J		0.00086	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-20-5-042715	4/27/2015	0.011	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-20-5-072015	7/20/2015	0.015	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0029	J		0.0043	J	
		VMP-20-5-102015	10/20/2015	<0.029	J	U	0.0018	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.009	J		0.0013	J	
		VMP-20-5-021616	2/16/2016	0.02	J		<0.0052	U		<0.011	U		<0.017	U		<0.063	U		<0.0036	U		<0.015	U		0.0042	J	
		VMP-20-5-042516	4/25/2016	<0.033	J	U	0.0017	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-20-5-072216	7/22/2016	0.021	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0099	J	
		VMP-20-5-102616	10/26/2016	0.0084	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	10 ft	VMP-20-10-031411	3/14/2011	0.021			0.21			0.0023	J		<0.012	U		<0.0047	U		<0.0027	U					0.0035	J	
		VMP-20-10-041511	4/15/2011	0.015	J		0.046			<0.081	U		<0.12	U		<0.047	U		<0.027	U		1.1			<0.14	U	
		VMP-20-10-072511	7/25/2011	0.022			0.015			0.0015	J		<0.013	U		<0.005	U		<0.0028	U		<0.012	U		0.018		
		VMP-20-10-110111	11/1/2011	0.023			0.0018	J		<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U		<0.0081	U		0.0019	J	
		VMP-20-10-012312	1/23/2012	0.0099			0.045			<0.006	U		<0.0092	U		<0.0035	U		<0.002	U		<0.0085	U		0.0029	J	
		VMP-20-10-041012	4/10/2012	0.086			0.0043			<0.0057	U		<0.0088	U		<0.033	U		<0.0019	U		0.0033	J		0.06		
		VMP-20-10-071112	7/11/2012	0.035			0.0033			<0.0066	U		<0.01	U		<0.038	U		<0.0022	U		<0.0093	U		0.0077	J	
		VMP-20-10-100412	10/4/2012	0.017	J		0.005			<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-20-10-012213	1/22/2013	0.012	J		0.0018	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-20-10-041913	4/19/2013	0.0091	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0075	J		<0.015	U	
		VMP-20-10-072313	7/23/2013	0.034			0.0053			<0.0097	U		<0.015	J	U	<0.056	U		<0.0032	U		<0.014	U		0.0047	J	
		VMP-20-10-110113	11/1/2013	0.0071	J		0.00026	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0019	J	
		VMP-20-10-110113-Dup	11/1/2013	0.0098	J		0.00029	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0015	J		0.0057	J	
		VMP-20-10-021014	2/10/2014	0.006	J		0.0019	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-20-10-042114	4/21/2014	0.014	J		0.0058			<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.014			0.0018	J	
		VMP-20-10-072514	7/25/2014	0.012	J		0.0014	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.014			0.0027	J	
		VMP-20-10-102714	10/27/2014	0.018	J		<0.0055	U		<0.011	U		<0.018	U		<0.066	U		<0.0038	U		<0.016	U		<0.02	U	
		VMP-20-10-012715	1/27/2015	0.014	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0047	J	
		VMP-20-10-012715-DUP	1/27/2015	0.01	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.003	J	
		VMP-20-10-042715	4/27/2015	0.0038	J		0.00096	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.004	J	
		VMP-20-10-072015	7/20/2015	0.01	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0028	J	
		VMP-20-10-102015	10/20/2015	0.018	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.0068	J	
		VMP-20-10-102015-DUP	10/20/2015	<0.033	J	U	0.0013	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0036	J	
		VMP-20-10-021616	2/16/2016	0.018	J		0.0024	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.0071	J		0.0044	J	
		VMP-20-10-042516	4/25/2016	0.014	J		0.002	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.018			<0.017	U	
		VMP-20-10-072216	7/22/2016	0.028	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-20-10-102616	10/26/2016	0.022	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		0.0082	J	
	25 ft	VMP-20-25-031411	3/14/2011	0.01	J		0.35			<0.008	U		<0.012	U		<0.0046	U		<0.0026	U					0.0011	J	
		VMP-20-25-041511	4/15/2011	<0.13	U		<0.044	U		<0.092	U		<0.14	U		<0.054	U		<0.03	U		0.58			<0.16	U	
		VMP-20-25-072611	7/26/2011	<0.87	U		0.18	J		<0.62	U		<0.95	U		<0.36	U		<0.2	U		<0.87	U		<1.1	U	
		VMP-20-25-110511	11/5/2011	0.042			0.004			<0.0056	U		<0.0087	J	U	<0.0033	U		<0.0018	U		<0.008	U		0.0085	J	
		VMP-20-25-012312	1/23/2012	0.0091			0.0042			<0.0063	U		<0.0097	U		<0.0036	U		<0.0021	U		<0.0089	U		0.0042	J	
		VMP-20-25-041012	4/10/2012	0.055			0.004			<0.0059	U		<0.009	U		<0.034	U		<0.0019	U		0.0074	J		0.039		
		VMP-20-25-041012-Dup	4/10/2012	0.054			0.0041			<0.006	U		<0.0092	U		<0.035	U		<0.002	U		0.0067	J		0.037		
		VMP-20-25-071112	7/11/2012	0.034			0.001	J		<0.0067	U		<0.01	U		<0.039	U		<0.0022	U		<0.0096	U		0.006	J	
		VMP-20-25-100412	10/4/2012	0.033	J		0.0014	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-20-25-012213	1/22/2013	0.011	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	J	U	<0.0027	U		0.003	J		<0.014	U	
		VMP-20-25-041913	4/19/2013	0.012	J		0.0029	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		0.0064	J		<0.016	U	
		VMP-20-25-072313	7/23/2013	0.29			<0.0048	U		<0.01	U		<0.016	J	U	<0.059	U		<0.0034	U		<0.014	U		0.0048	J	
		VMP-20-25-110113	11/1/2013	0.044			0.00086	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.0014	J		0.0084	J	
		VMP-20-25-021014	2/10/2014	0.02	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-20-25-042114	4/21/2014	0.035			0.0015	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0047	J		0.01	J	
		VMP-20-25-072514	7/25/2014	0.024	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0071	J	
		VMP-20-25-102714	10/27/2014	0.0067	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		0.016			<0.015	U	
		VMP-20-25-012715	1/27/2015	0.01	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0054	J	
		VMP-20-25-042715	4/27/2015	0.0081	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0054	J	
		VMP-20-25-072015	7/20/2015	0.013	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.054			0.0024	J	
		VMP-20-25-102015	10/20/2015	0.022	J		0.0013	J		<0.0079	U		<0.012	U		0.0022	J		<0.0026	U		0.021			0.0065	J	
		VMP-20-25-020216	2/2/2016	0.012	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-20-25-042516	4/25/2016	<0.033	J	U	0.0022	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-20-25-072216	7/22/2016	0.027	J		<0.0047	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0075	J	
		VMP-20-25-102616	10/26/2016	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	39.5 ft	VMP-20-39.5-042114	4/21/2014	<2.6	U		<0.35	U		<0.73	U		<1.1	U		<4.2	U		<0.24	U		<1	U		<1.3	U	
		VMP-20-39.5-042715	4/27/2015	0.0083	J		0.0024	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U	UJ	0.0061	J		0.0066	J	
		VMP-20-39.5-042715-DUP	4/27/2015	0.01	J		0.0025	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U	UJ	0.0096	J		0.0062	J	
		VMP-20-39.5-072015	7/20/2015	0.013	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0061	J		0.0024	J	
		VMP-20-39.5-072015-DUP	7/20/2015	0.016	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0068	J		0.0024	J	
		VMP-20-39.5-100412	10/4/2012	44			0.28	J		<2.4	U		<3.7	U		<14	U		<0.8	U		1.5	J		<4.2	U	
		VMP-20-39.5-012313	1/23/2013	<2	U		0.24	J		<1.4	U		<2.1	U		<0.8	U		<0.46	U		12			<2.4	U	
		VMP-20-39.5-041913	4/19/2013	<1.6	U		0.18	J		<1.1	U		<1.7	U		<0.64	U		<0.36	U		1	J		<1.9	U	
		VMP-20-39.5-072313	7/23/2013	5.8	J		<0.99	U		<2.1	U		<3.2	U		<12	U		<0.69	U		<3	U		<3.7	U	
		VMP-20-39.5-110113	11/1/2013	0.047	J		0.05	J		<0.18	U		<0.28	U		<0.1	U		<0.06	U		0.24	J		<0.32	U	
		VMP-20-39.5-021014	2/10/2014	<0.22	U		0.034	J		<0.16	U		<0.24	U		<0.091	U		<0.052	U		0.49			<0.28	U	
		VMP-20-39.5-021014-Dup	2/10/2014	<0.21	U		0.033	J		<0.15	U		<0.23	U		<0.086	U		<0.049	U		0.49			<0.26	U	
		VMP-20-39.5-072514	7/25/2014	1.5	J		0.32	J		<1.5	U		<2.3	U		<8.5	U		<0.48	U		<2.1	U		1.1	J	
		VMP-20-39.5-072514-Dup	7/25/2014	1.4	J		0.24	J		<1.2	U		<1.8	U		<6.7	U		<0.38	U		<1.6	U		1	J	
		VMP-20-39.5-102714	10/27/2014	0.012	J		0.0017	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0045	J	
		VMP-20-39.5-012715	1/27/2015	0.0064	J		0.001	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-20-39.5-102015	10/20/2015	0.03			0.0015	J		<0.0084	U		<0.013	U		0.0021	J		<0.0028	U		0.0094	J		0.0099	J	
		VMP-20-39.5-020216	2/2/2016	<0.03	J	U	0.0019	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.015			<0.015	U	
		VMP-20-39.5-020216-DUP	2/2/2016	<0.029	J	U	0.0021	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0098	J		<0.015	U	
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<4.4	U		<1.5	U		<3.1	U		<4.8	U		<1.8	U		<1	U					<1.4	U	
		VMP-21-5-020911-DUP	2/9/2011	<7.6	U		<2.5	U		<5.3	U		<8.2	U		<3.1	U		<1.8	U					<2.3	U	
		VMP-21-5-041311	4/13/2011	0.0092	J		0.84			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U		0.41			0.0021	J	
		VMP-21-5-072511	7/25/2011	0.029			0.019			<0.0092	U		<0.014	U		<0.0054	U		<0.003	U		<0.013	U		0.02		
		VMP-21-5-110111	11/1/2011	0.017			0.011			<0.0076	U		<0.012	U		<0.0044	U		<0.0025	U		<0.011	U		0.0039	J	
		VMP-21-5-012312	1/23/2012	0.008	J		0.00067	J		<0.0065	U		<0.01	U		<0.0038	U		<0.0021	U		<0.0092	U		0.0034	J	
		VMP-21-5-012312-DUP	1/23/2012	0.0092			0.00091	J		<0.006	U		<0.0092	U		<0.0035	U		<0.002	U		<0.0085	U		0.0034	J	
		VMP-21-5-042412	4/24/2012	0.023	J		0.58			<0.012	U		<0.019	U		<0.071	U		<0.004	U		0.025			0.01	J	
		VMP-21-5-071012	7/10/2012	0.12			0.003	J		<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		0.02		
		VMP-21-5-100412	10/4/2012	0.023	J		0.0018	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.006	J	
		VMP-21-5-020613	2/6/2013	0.012	J		0.002	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0027	J	
		VMP-21-5-051013	5/10/2013	0.052			0.0031	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.6			<0.017	U	
		VMP-21-5-072313	7/23/2013	0.76			0.0025	J		<0.01	U		<0.016	J	U	<0.059	U		<0.0034	U		<0.014	U		0.0066	J	
		VMP-21-5-102113	10/21/2013	0.0064	J		0.00039	J		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		0.0013	J		0.00087	J	
		VMP-21-5-022414	2/24/2014	0.007	J		<0.0036	J	U	<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0041	J	
		VMP-21-5-042114	4/21/2014	0.017	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.0047	J		<0.015	U	
		VMP-21-5-072814	7/28/2014	0.013	J		0.0012	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0018	J	
		VMP-21-5-102714	10/27/2014	0.012	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0042	J	
		VMP-21-5-012715	1/27/2015	0.0073	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-21-5-042715	4/27/2015	0.0084	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U	UJ	<0.014	U		0.0034	J	
		VMP-21-5-072015	7/20/2015	0.02	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0049	J	
		VMP-21-5-102315	10/23/2015	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0033	J	
		VMP-21-5-012616	1/26/2016	0.013	J		0.0066			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-21-5-042716	4/27/2016	0.0073	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-21-5-072616	7/26/2016	0.014	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-21-5-102416	10/24/2016	0.022	J		0.00073	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0051	J	

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APPENDIX 3-E
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Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011	<4	U		<1.3	U		<2.8	U		<4.3	U		<1.6	U		<0.93	U					<1.2	U	
		VMP-21-10-041311	4/13/2011	0.14	J		0.066	J		<0.36	U		<0.55	U		<0.2	U		<0.12	U		7.6			0.046	J	
		VMP-21-10-072511	7/25/2011	0.083			0.012			<0.02	U		<0.03	U		<0.011	J	U	<0.0065	U		<0.028	U		0.01	J	
		VMP-21-10-110111	11/1/2011	0.015			0.0023	J		<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U		<0.0081	U		0.0043	J	
		VMP-21-10-012312	1/23/2012	0.022			0.017			<0.0065	U		<0.01	U		<0.0038	U		<0.0021	U		<0.0092	U		0.0041	J	
		VMP-21-10-040912	4/9/2012	0.028			0.041			<0.0059	U		<0.009	U		<0.034	U		<0.0019	U		0.008	J		0.0077	J	
		VMP-21-10-071012	7/10/2012	0.055			0.0018	J		<0.0067	U		<0.01	U		<0.039	U		<0.0022	U		<0.0096	U		0.0065	J	
		VMP-21-10-100412	10/4/2012	0.024	J		0.0076			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0065	J	
		VMP-21-10-020513	2/5/2013	0.0065	J		0.041			<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-21-10-020513-DUP	2/5/2013	0.0063	J		0.035			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-21-10-051013	5/10/2013	0.021	J		0.001	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0065	J		<0.017	U	
		VMP-21-10-072313	7/23/2013	0.022	J		0.0015	J		<0.0097	U		<0.015	J	U	<0.056	U		<0.0032	U		<0.014	U		0.0045	J	
		VMP-21-10-102113	10/21/2013	0.0052	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.001	J	
		VMP-21-10-022414	2/24/2014	0.013	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-21-10-042114	4/21/2014	0.023	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		0.0079	J	
		VMP-21-10-072814	7/28/2014	0.0067	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-21-10-102714	10/27/2014	0.05			<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-21-10-012715	1/27/2015	0.0073	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-21-10-042715	4/27/2015	0.016	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	UJ	<0.014	U		0.0055	J	
		VMP-21-10-072015	7/20/2015	0.018	J		0.024			<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0052	J	
		VMP-21-10-102315	10/23/2015	0.015	J		0.0016	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0079	J		0.003	J	
		VMP-21-10-012616	1/26/2016	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-21-10-042716	4/27/2016	0.0059	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-21-10-072616	7/26/2016	0.014	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-21-10-102416	10/24/2016	<0.059	U		<0.0079	U		<0.016	U		<0.026	U		<0.096	U		<0.0055	U		<0.023	U		<0.029	U	
	25 ft	VMP-21-25-021011	2/10/2011	<11	U		1.7	J		<7.8	U		<12	U		<4.5	U		<2.6	U					<3.4	U	
		VMP-21-25-041411	4/14/2011	12	J		<13	U		<27	U		<42	U		<16	U		<9	U		5400			<48	U	
		VMP-21-25-041411-DUP	4/14/2011	5.2	J		<13	U		<27	U		<42	U		<16	U		<9	U		5400			<48	U	
		VMP-21-25-072611	7/26/2011	<12	U		1.3	J		<8.8	U		<14	U		<5.1	U		<2.9	U					<16	U	
		VMP-21-25-110511	11/5/2011	5	J		0.5	J		<5.6	U		<8.7	U		<3.3	U		<1.8	U		290			4.1	J	
		VMP-21-25-012412	1/24/2012	<0.11	J	U	0.027	J		<0.078	U		<0.48	U		<0.045	U		<0.026	U		0.047	J		<0.14	U	
		VMP-21-25-040912	4/9/2012	0.09			0.048			<0.0061	U		<0.0094	U		<0.036	U	UJ	<0.002	U		<0.0087	U		<0.011	U	
		VMP-21-25-071112	7/11/2012	0.028			0.00098	J		<0.0061	U		<0.0094	U		<0.036	U		<0.002	U		0.011			0.004	J	
		VMP-21-25-100412	10/4/2012	0.027	J		0.0078			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0075	J		0.0074	J	
		VMP-21-25-020513	2/5/2013	0.011	J		0.035			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0031	J		<0.015	U	
		VMP-21-25-020513-DUP	2/5/2013	0.0077	J		0.043			<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-21-25-051013	5/10/2013	0.027	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.064			<0.017	U	
		VMP-21-25-072313	7/23/2013	0.04			0.0078			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0076	J	
		VMP-21-25-102113	10/21/2013	0.16			0.0026	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.003	J		0.0088	J	
		VMP-21-25-042114	4/21/2014	0.0067	J		0.001	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		0.0016	J	
		VMP-21-25-072814	7/28/2014	0.0094	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0022	J	
		VMP-21-25-102714	10/27/2014	0.014	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0063	J	
		VMP-21-25-012715	1/27/2015	0.0054	J		<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-21-25-042715	4/27/2015	0.0075	J		0.0016	J		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U	UJ	<0.012	U		0.0034	J	
		VMP-21-25-072015	7/20/2015	0.025	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.43			0.0046	J	
		VMP-21-25-102315	10/23/2015	0.015	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0046	J	
		VMP-21-25-012616	1/26/2016	0.011	J		0.00092	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0026	J	
		VMP-21-25-042716	4/27/2016	0.011	J		0.0022	J		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-21-25-072616	7/26/2016	<0.031	J	U	<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-21-25-102416	10/24/2016	0.0092	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-021011	2/10/2011	<11	U		1.8	J		<7.8	U		<12	U		<4.5	U		<2.6	U					<3.4	U	
		VMP-21-33-041411	4/14/2011	8.8	J		<12	U		<26	U		<41	U		<15	U		<8.7	U		5200			<46	U	
		VMP-21-33-110511	11/5/2011	1.2	J		0.14	J		<1.3	U		0.27	J		<0.74	U		<0.42	U		20			0.93	J	
		VMP-21-33-012412	1/24/2012	<0.26	U		0.13		J	<0.18	U		<1.1	U		<0.11	U		<0.06	U		0.48		J	<0.32	U	
		VMP-21-33-042412	4/24/2012	0.011	J		0.41			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U		0.086			0.0055	J	
		VMP-21-33-071112	7/11/2012	0.044			0.0011	J		<0.0066	U		<0.01	U		<0.038	U		<0.0022	U		0.019			0.007	J	
		VMP-21-33-100412	10/4/2012	0.026	J		0.012			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.006	J		0.0074	J	
		VMP-21-33-020513	2/5/2013	0.0058	J		0.0024	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-21-33-051013	5/10/2013	0.032			0.0018	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		0.14			0.0065	J	
		VMP-21-33-102113	10/21/2013	0.006	J		0.00056	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.0096	J		0.002	J	
		VMP-21-33-102113-DUP	10/21/2013	0.005	J		0.00054	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0065	J		0.00087	J	
		VMP-21-33-022414	2/24/2014	0.0082	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-21-33-022414-Dup	2/24/2014	0.0061	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-21-33-042114	4/21/2014	0.014	J		0.0012	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.003	J	
		VMP-21-33-072814	7/28/2014	0.0073	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-21-33-102714	10/27/2014	0.01	J		0.0021	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.015			<0.016	U	
		VMP-21-33-102714-DUP	10/27/2014	0.024	J		0.0025	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.012	J		0.0055	J	
		VMP-21-33-012715	1/27/2015	0.0088	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.004	J	
		VMP-21-33-072015	7/20/2015	0.03	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0056	J	
		VMP-21-33-102315	10/23/2015	0.014	J		0.0016	J		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0045	J	
		VMP-21-33-102315-DUP	10/23/2015	0.05	J		<0.0091	U		<0.019	U		<0.03	U		<0.11	U		<0.0063	U		0.008	J		0.012	J	
		VMP-21-33-042716	4/27/2016	0.011	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-21-33-072616	7/26/2016	0.012	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-21-33-102416	10/24/2016	0.0085	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.24	U		0.029	J		<0.17	U		<0.26	U		<0.1	U		<0.057	U					<0.076	U	
		VMP-22-5-041811	4/18/2011	<0.12	U		0.024	J		<0.084	U		<0.13	U		<0.049	U		<0.028	U		0.17			<0.15	U	
		VMP-22-5-072611	7/26/2011	0.026			0.12			<0.0099	U		<0.015	U		<0.0057	J	U	<0.0033	U		0.22			0.017	J	
		VMP-22-5-110111	11/1/2011	0.032			0.012			<0.0056	U		<0.0087	U		<0.0033	U		<0.0018	U		<0.008	U		0.0063	J	
		VMP-22-5-012412	1/24/2012	0.021		J	0.11		J	<0.0059	U		<0.0091	U		<0.0034	U		<0.002	U		0.024		J	0.0047	J	J
		VMP-22-5-040912	4/9/2012	0.033			0.0085			<0.0066	U		<0.01	U		0.039	J	J	<0.0022	U		0.014			<0.012	U	
		VMP-22-5-070912	7/9/2012	0.034			0.0012	J		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0037	J	
		VMP-22-5-100312	10/3/2012	0.031			0.0025	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0051	J		0.0044	J	
		VMP-22-5-100312-Dup	10/3/2012	0.04			0.0045			<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		0.0072	J		0.0079	J	
		VMP-22-5-012413	1/24/2013	0.014	J		0.0093			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-22-5-041913	4/19/2013	0.023	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-22-5-072313	7/23/2013	0.051			0.002	J		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		0.015			0.013	J	
		VMP-22-5-072313-Dup	7/23/2013	0.08			0.012			<0.011	U		<0.016	U		<0.062	U		<0.0035	U		0.0099	J		0.021		
		VMP-22-5-101813	10/18/2013	0.0081	J		0.0016	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.0044	J		0.0013	J	
		VMP-22-5-021314	2/13/2014	0.0077	J		0.0016	J		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-22-5-042214	4/22/2014	<0.03	J	U	<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-22-5-072814	7/28/2014	0.01	J		<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0024	J	
		VMP-22-5-102414	10/24/2014	0.019	J		0.002	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.0058	J		0.0095	J	
		VMP-22-5-012715	1/27/2015	0.013	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0046	J	
		VMP-22-5-042715	4/27/2015	0.0085	J		0.0043	J		<0.017	U		<0.026	U		<0.098	U		<0.0056	U	UJ	<0.024	U		0.0028	J	
		VMP-22-5-072015	7/20/2015	0.013	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0025	J	
		VMP-22-5-012616	1/26/2016	0.014	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0059	J		<0.016	J	U
		VMP-22-5-042616	4/26/2016	0.012	J		0.0039	J		<0.012	U		<0.018	U		<0.067	U		<0.0038	U		<0.016	U		<0.02	U	
		VMP-22-5-072216	7/22/2016	0.032	J		<0.0049	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-22-5-102716	10/27/2016	0.03			<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		0.012	J	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011	<0.12	U		0.021	J		<0.082	U		<0.13	U		<0.047	U		<0.027	U					<0.036	U	
		VMP-22-10-041811	4/18/2011	<0.12	U		0.12			<0.087	U		<0.13	U		<0.051	U		<0.029	U		0.086	J		<0.15	U	
		VMP-22-10-072611	7/26/2011	0.015		J	0.03			<0.01	U		<0.016	U		<0.0059	J	U	<0.0034	U		0.018		J	0.011	J	
		VMP-22-10-072611-DUP	7/26/2011	0.052		J	0.03			<0.012	U		<0.018	U		<0.0069	U		<0.0039	U		0.059		J	0.023		
		VMP-22-10-110211	11/2/2011	0.013			0.006			<0.0057	U		<0.0088	U		<0.0033	U		<0.0019	U		<0.0081	U		0.0033	J	
		VMP-22-10-012412	1/24/2012	0.0061	J		0.02			<0.0065	U		<0.01	U		<0.0038	U		<0.0021	U		<0.0092	U		0.011	J	
		VMP-22-10-040912	4/9/2012	0.031			0.0068			<0.0065	U		<0.01	U		<0.037	U	UJ	<0.0021	U		<0.0092	U		<0.011	U	
		VMP-22-10-070912	7/9/2012	0.017	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-22-10-070912-Dup	7/9/2012	0.021	J		<0.0034	U		<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		<0.012	U	
		VMP-22-10-100312	10/3/2012	0.03			0.015			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0048	J		<0.014	U	
		VMP-22-10-012413	1/24/2013	<0.033	U		0.0018	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-22-10-041913	4/19/2013	0.017	J		0.0016	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		0.004	J		0.0025	J	
		VMP-22-10-072313	7/23/2013	0.076			0.0023	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.019			0.013	J	
		VMP-22-10-101813	10/18/2013	0.02	J		0.007			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.027			0.01	J	
		VMP-22-10-021314	2/13/2014	0.01	J		0.0014	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-22-10-042214	4/22/2014	0.038			<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.014	J	
		VMP-22-10-072814	7/28/2014	0.0082	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-22-10-102414	10/24/2014	0.013	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0046	J	
		VMP-22-10-012715	1/27/2015	0.011	J		0.0012	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.0056	J		<0.017	U	
		VMP-22-10-042715	4/27/2015	0.0054	J		0.0032	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U	UJ	0.0083	J		0.0014	J	
		VMP-22-10-072015	7/20/2015	0.012	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0028	J		0.0015	J	
		VMP-22-10-102315	10/23/2015	0.015	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0044	J	
		VMP-22-10-012616	1/26/2016	0.019	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		0.0051	J		0.0037	J	
		VMP-22-10-042616	4/26/2016	0.016	J		0.0038	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0031	J	
		VMP-22-10-072216	7/22/2016	0.014	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-22-10-102716	10/27/2016	0.026	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0089	J	
	18 ft	VMP-22-18-021111	2/11/2011	<2	U		0.67	J		<1.4	U		<2.2	U		<0.82	U		<0.47	U					<0.63	U	
		VMP-22-18-041811	4/18/2011	1.1	J		1	J		<6	U		<9.3	U		<3.5	U		<2	U		620			<11	U	
		VMP-22-18-072611	7/26/2011	<4.4	U		0.42	J		<3.1	U		<4.8	U		<1.8	U		<1	U		470			<5.4	U	
		VMP-22-18-110511	11/5/2011	0.012			0.009			<0.0061	J	U	<0.0094	J	U	<0.0036	U		<0.002	U		0.012			0.0058	J	
		VMP-22-18-012412	1/24/2012	<0.08	J	U	0.012	J	J	<0.056	U		<0.35	U		<0.033	U		<0.018	U		0.045	J	J	<0.099	U	
		VMP-22-18-040912	4/9/2012	0.022	J		0.0062			0.0017	J		<0.01	U		<0.039	U	UJ	<0.0022	U		<0.0096	U		<0.012	U	
		VMP-22-18-070912	7/9/2012	0.036			0.029			<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		<0.012	U	
		VMP-22-18-100412	10/4/2012	0.021	J		0.0036	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-22-18-012413	1/24/2013	<0.033	J	U	0.002	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-22-18-042213	4/22/2013	0.025	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-22-18-072913	7/29/2013	0.024	J		0.0022	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.044			<0.017	U	
		VMP-22-18-101813	10/18/2013	0.018	J		0.0043	J		0.0033	J		<0.014	U		<0.053	U		<0.003	U		0.011	J		0.0051	J	
		VMP-22-18-021314	2/13/2014	0.008	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-22-18-042214	4/22/2014	<0.032	J	U	0.0017	J		<0.0089	J	U	<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-22-18-072814	7/28/2014	0.021	J		0.0011	J		0.01			<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0073	J	
		VMP-22-18-102414	10/24/2014	0.019	J		<0.0039	U		0.0075	J		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.004	J	
		VMP-22-18-012715	1/27/2015	0.011	J		0.00092	J		0.0056	J		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0029	J	
		VMP-22-18-012715-DUP	1/27/2015	0.0049	J		<0.004	U		0.0052	J		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U	
		VMP-22-18-042715	4/27/2015	0.008	J		0.001	J		0.01			<0.013	U		<0.047	U		<0.0027	U	UJ	<0.012	U		0.0019	J	
		VMP-22-18-072015	7/20/2015	0.017	J		0.003	J		0.027			<0.017	U		<0.065	U		<0.0037	U		<0.016	U		0.0031	J	
		VMP-22-18-102315	10/23/2015	0.014	J		<0.0042	U		0.014			<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.01	J	
		VMP-22-18-012616	1/26/2016	0.012	J		0.0013	J		0.0097			<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	J	U
		VMP-22-18-042616	4/26/2016	0.025	J		0.0051			0.0069	J		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0046	J	
		VMP-22-18-072216	7/22/2016	0.017	J		<0.0043	U		0.0088	J		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-22-18-102716	10/27/2016	0.02	J		<0.0044	U		0.0063	J		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	38 ft	VMP-22-38-041811	4/18/2011	<26	U		<8.8	U		<18	U		<28	U		<11	U		<6.1	U		3900			<32	U	
		VMP-22-38-012512	1/25/2012	<0.08	U		0.04			<0.056	U		<0.087	U		<0.033	U		<0.018	U		0.28			<0.099	U	
		VMP-22-38-040912	4/9/2012	0.039			0.012			0.0048	J		<0.01	U		<0.038	U	UJ	<0.0022	U		<0.0093	U		<0.012	U	
		VMP-22-38-070912	7/9/2012	0.05			0.074			0.0039	J		<0.011	U		<0.04	U		<0.0023	U		<0.0098	U		0.0055	J	
		VMP-22-38-100412	10/4/2012	0.02	J		0.0096			0.0028	J		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-22-38-012413	1/24/2013	0.012	J		0.0026	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-22-38-042213	4/22/2013	0.009	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-22-38-072913	7/29/2013	0.021	J		0.0016	J		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		0.069			<0.017	U	
		VMP-22-38-101813	10/18/2013	0.0099			0.0045			<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		0.0062			0.0042		
		VMP-22-38-021314	2/13/2014	0.0056	J		0.00076	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-22-38-021314-Dup	2/13/2014	0.008	J		0.00093	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-22-38-042214	4/22/2014	<0.032	J	U	<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0047	J	
		VMP-22-38-072814	7/28/2014	0.0081	J		0.0012	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0019	J	
		VMP-22-38-072814-DUP	7/28/2014	0.0072	J		0.0013	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-22-38-102414	10/24/2014	0.018	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-22-38-102414-DUP	10/24/2014	0.021	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0035	J	
		VMP-22-38-012715	1/27/2015	0.0079	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0029	J	
		VMP-22-38-042715	4/27/2015	0.0064	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U	UJ	<0.011	U		0.0012	J	
		VMP-22-38-042715-DUP	4/27/2015	0.0067	J		<0.0041	U		<0.0086	U		0.0042	J		<0.05	U		<0.0028	U	UJ	<0.012	U		0.0016	J	
		VMP-22-38-072015	7/20/2015	0.0097	J		0.0029	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.007	J		0.0016	J	
		VMP-22-38-072015-DUP	7/20/2015	0.012	J		0.0021	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0075	J		0.0013	J	
		VMP-22-38-102315	10/23/2015	0.013	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.003	J	
		VMP-22-38-012616-DUP	1/26/2016	0.011	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.005	J		<0.015	J	U
		VMP-22-38-042616	4/26/2016	0.0075	J		0.002	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		<0.018	U	
		VMP-22-38-072216	7/22/2016	0.032	J		0.0017	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0092	J	
		VMP-22-38-072216-DUP	7/22/2016	0.013	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-22-38-102716	10/27/2016	0.017	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0084	J	
		VMP-22-38-102716-Dup	10/27/2016	0.0065	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-23	5 ft	VMP-23-5-021511	2/15/2011	0.01	J		0.023			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U					0.0012	J	
		VMP-23-5-042111	4/21/2011	0.024	J		<0.036	U		<0.077	U		<0.12	U		<0.044	U		<0.025	U		<0.11	U		<0.14	U	
		VMP-23-5-072711	7/27/2011	0.062			0.18			<0.0088	U		<0.014	U		<0.0051	U		<0.0029	U		0.024			0.072		
		VMP-23-5-110211	11/2/2011	0.035			0.016			<0.0063	U		<0.0097	U		<0.0036	U		<0.0021	U		<0.0089	U		<0.011	U	
		VMP-23-5-012512	1/25/2012	0.019			0.023			0.0015	J		<0.0082	U		<0.0031	U		<0.0017	U		0.002	J		0.0048	J	
		VMP-23-5-040912	4/9/2012	0.032			0.0089			<0.0064	U		<0.0099	U		<0.037	U	UJ	<0.0021	U		<0.0091	U		0.024		
		VMP-23-5-070912	7/9/2012	0.1			0.0024	J		<0.0057	U		<0.0088	U		0.0017	J		<0.0019	U		0.0039	J		0.01		
		VMP-23-5-100312	10/3/2012	0.05			0.011			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.006	J	
		VMP-23-5-012413	1/24/2013	0.0056	J		0.0019	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.011	J		<0.014	U	
		VMP-23-5-042213	4/22/2013	0.016	J		0.0017	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-23-5-072313	7/23/2013	0.022	J		0.0051			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0089	J	
		VMP-23-5-101813	10/18/2013	0.015	J		0.0013	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		0.0072	J	
		VMP-23-5-021314	2/13/2014	0.013	J		0.0017	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-23-5-042114	4/21/2014	0.01	J		0.0021	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-23-5-080514	8/5/2014	0.015	J		<0.0047	U		0.0028	J		<0.015	U		<0.057	J	U	<0.0032	U		<0.014	U		<0.017	U	
		VMP-23-5-102414	10/24/2014	0.017	J		<0.0048	U		<0.01	J	U	<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0057	J	
		VMP-23-5-012715	1/27/2015	0.0098	J		<0.0049	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		<0.018	U	
		VMP-23-5-042715	4/27/2015	0.015	J		0.0074			0.0026	J		<0.014	U		<0.051	U		<0.0029	U	UJ	0.0072	J		0.0033	J	
		VMP-23-5-072015	7/20/2015	0.019	J		0.012			0.0024	J		<0.014	U		<0.051	U		<0.0029	U		0.037			0.0038	J	
		VMP-23-5-102615	10/26/2015	0.005	J		0.0017	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.002	J	
		VMP-23-5-012516	1/25/2016	0.0086	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-23-5-062816	6/28/2016	0.024	J		<0.0051	U		<0.011	U		<0.016	U		<0.062	U		<0.014	U		<0.015	U		0.0043	J	
		VMP-23-5-072216	7/22/2016	0.017	J		0.002	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-23-5-101916	10/19/2016	0.012	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	0.009	J		0.0014	J		0.0023	J		<0.014	U		<0.0053	U		<0.003	U					<0.004	U	
		VMP-23-10-042111	4/21/2011	<0.13	U		0.28			<0.092	U		<0.14	U		<0.054	U		<0.03	U		1.7			<0.16	U	
		VMP-23-10-072711	7/27/2011	<0.012	U		<0.004	U		<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-23-10-110211	11/2/2011	0.029			0.021			<0.0061	U		<0.0094	U		<0.0036	U		<0.002	U		<0.0087	U		0.0083	J	
		VMP-23-10-012512	1/25/2012	0.0099			0.068			<0.0052	U		<0.008	U		<0.003	U		<0.0017	U		0.0094			0.0033	J	
		VMP-23-10-040912	4/9/2012	0.025			0.002	J		<0.0065	U		<0.01	U		<0.038	U	UJ	<0.0022	U		<0.0093	U		0.0068	J	
		VMP-23-10-040912-Dup	4/9/2012	0.043			0.0041			0.0021	J		<0.01	U		<0.038	U	UJ	<0.0022	U		0.0072	J		0.012		
		VMP-23-10-070912	7/9/2012	0.065			0.0014	J		<0.0052	U		<0.008	U		<0.03	U		<0.0017	U		<0.0074	U		0.0061	J	
		VMP-23-10-100312	10/3/2012	0.064			0.011			<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.0053	J		<0.018	U	
		VMP-23-10-012413	1/24/2013	0.0072	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-23-10-042213	4/22/2013	0.0094	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-23-10-072313	7/23/2013	0.052			0.0022	J		0.0028	J		<0.016	U		<0.059	U		<0.0034	U		0.025			0.0069	J	
		VMP-23-10-101813	10/18/2013	0.038			0.0013	J		0.00078	J		<0.016	U		<0.058	U		<0.0033	U		0.018			0.0038	J	
		VMP-23-10-101813-DUP	10/18/2013	0.011	J		0.00042	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		0.024			0.0023	J	
		VMP-23-10-021314	2/13/2014	0.0044	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-23-10-042114	4/21/2014	0.011	J		0.0016	J		0.0025	J		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-23-10-080514	8/5/2014	0.018	J		<0.0049	U		0.0057	J		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0047	J	
		VMP-23-10-102414	10/24/2014	0.027	J		<0.0038	U		0.0058	J		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		0.0058	J	
		VMP-23-10-012715	1/27/2015	0.015	J		0.0018	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.0076	J		0.0025	J	
		VMP-23-10-042715	4/27/2015	0.013	J		<0.0045	U		0.0028	J		<0.015	U		<0.055	U		<0.0031	U	UJ	<0.014	U		0.002	J	
		VMP-23-10-072015	7/20/2015	0.018	J		<0.0042	U		0.0042	J		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0043	J	
		VMP-23-10-102615	10/26/2015	0.094			<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-23-10-012516	1/25/2016	0.024	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.0021	J		0.0052	J	
		VMP-23-10-062816	6/28/2016	0.016	J		0.00077	J		0.0019	J		<0.016	U		<0.059	U		<0.013	U		<0.014	U		0.0042	J	
		VMP-23-10-072216	7/22/2016	0.016	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-23-10-101916	10/19/2016	0.044			0.0033	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		0.022			0.0051	J	
	25 ft	VMP-23-25-021511	2/15/2011	0.011	J		0.018			<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U					<0.0037	U	
		VMP-23-25-042111	4/21/2011	0.035	J		1.6			<0.086	U		<0.13	U		<0.05	U		<0.028	U		8.2			<0.15	U	
		VMP-23-25-072711	7/27/2011	0.05			0.15			<0.0097	U		<0.015	U		<0.0056	U		<0.0032	U		<0.014	U		0.032		
		VMP-23-25-110511	11/5/2011	0.041			0.002	J		<0.0061	J	U	<0.0094	J	U	<0.0036	U		<0.002	U		<0.0087	U		0.014		
		VMP-23-25-012512	1/25/2012	0.0065	J		0.058			<0.0055	U		<0.0085	U		<0.0032	U		<0.0018	U		0.0046	J		0.0047	J	
		VMP-23-25-040912	4/9/2012	0.14			0.022			<0.0064	U		<0.0099	U		0.067	J	J	<0.0021	U		<0.0091	U		0.06		
		VMP-23-25-071012	7/10/2012	0.15			0.0027	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		0.013	J	
		VMP-23-25-100312	10/3/2012	0.086			0.0095			<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0052	J	
		VMP-23-25-012413	1/24/2013	0.0073	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0059	J		<0.015	U	
		VMP-23-25-042213	4/22/2013	0.024	J		0.0019	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-23-25-072313	7/23/2013	0.05			0.017			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0099	J		0.0041	J	
		VMP-23-25-102113	10/21/2013	0.0091	J		0.0013	J		0.00067	J		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0068	J	
		VMP-23-25-021314	2/13/2014	0.0044	J		0.0021	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-23-25-042114	4/21/2014	0.0054	J		0.0017	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-23-25-080514	8/5/2014	0.012	J		0.0015	J		0.0083	J		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-23-25-102414	10/24/2014	0.018	J	J	<0.0042	U		0.0047	J		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.005	J	
		VMP-23-25-012715	1/27/2015	0.012	J		<0.0039	U		0.0025	J		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0026	J	
		VMP-23-25-042715	4/27/2015	0.011	J		<0.0044	U		0.0057	J		<0.014	U		<0.054	U		<0.0031	U	UJ	<0.013	U		0.0014	J	
		VMP-23-25-072015	7/20/2015	0.013	J		<0.0044	U		0.0087	J		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0025	J	
		VMP-23-25-102615	10/26/2015	0.011	J		<0.0043	U		0.0049	J		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0032	J	
		VMP-23-25-012516	1/25/2016	0.015	J		0.0014	J		0.005	J		<0.014	U		<0.054	U		<0.0031	U		0.0026	J		<0.016	J	U
		VMP-23-25-062816	6/28/2016	0.013	J		<0.0047	U		0.0043	J		<0.015	U		<0.057	U		<0.013	U		<0.014	U		<0.017	U	
		VMP-23-25-072216	7/22/2016	0.02	J		<0.0047	U		0.003	J		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-23-25-101916	10/19/2016	0.013	J		<0.0045	U		0.002	J		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0041	J	
	40 ft	VMP-23-40-071012	7/10/2012	0.18			0.0081			<0.0069	U		<0.011	U		0.0039	J		<0.0023	U		0.0065	J		0.016		
		VMP-23-40-100312	10/3/2012	0.09			0.018			<0.0094	U		<0.014	U		0.0046	J		<0.0031	U		<0.013	U		0.0041	J	
		VMP-23-40-012413	1/24/2013	0.012	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0045	J		0.0024	J	
		VMP-23-40-042213	4/22/2013	0.0094	J		0.018			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.028			<0.017	U	
		VMP-23-40-042213-Dup	4/22/2013	0.013	J		0.014			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.025			0.0074	J	
		VMP-23-40-102113	10/21/2013	0.085			0.0009	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.26			0.0069	J	
		VMP-23-40-021314	2/13/2014	<0.031	U		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-23-40-042114	4/21/2014	0.0072	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-23-40-080514	8/5/2014	0.051			0.017			<0.0086	U		<0.013	U		<0.05	J	U	<0.0028	U		0.014			0.0056	J	
		VMP-23-40-102414	10/24/2014	0.023	J	J	0.0015	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0042	J	
		VMP-23-40-012715	1/27/2015	0.0064	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-23-40-042715	4/27/2015	0.0061	J		<0.0049	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-23-40-072015	7/20/2015	0.023	J		0.035			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.059			0.0023	J	
		VMP-23-40-102615	10/26/2015	0.01	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0034	J	
		VMP-23-40-102615-DUP	10/26/2015	0.0091	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0029	J	
		VMP-23-40-012516	1/25/2016	0.01	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		0.0055	J		0.0032	J	
		VMP-23-40-072216	7/22/2016	0.0067	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-021611	2/16/2011	0.019			0.019			<0.0094	U		<0.014	U		<0.0055	U		<0.0031	U					<0.0042	U	
		VMP-24-5-040811	4/8/2011	<0.14	U		5			<0.1	U		<0.16	U		<0.058	U		<0.033	U		5.6			<0.18	U	
		VMP-24-5-072811	7/28/2011	0.047			0.093			<0.0094	U		<0.014	U		<0.0055	U		<0.0031	U		0.031			0.021		
		VMP-24-5-110211	11/2/2011	0.013			0.018			<0.0063	U		<0.0097	U		<0.0036	U		<0.0021	U		0.0063	J		<0.011	U	
		VMP-24-5-110211-DUP	11/2/2011	0.016			0.018			<0.0087	U		<0.013	U		<0.005	U		<0.0029	U		0.013			0.0048	J	
		VMP-24-5-012512	1/25/2012	0.009			0.0013	J		0.00082	J		<0.0083	U		<0.0031	U		<0.0018	U		0.0032	J		0.0045	J	
		VMP-24-5-040912	4/9/2012	0.11			0.024			<0.0064	U		<0.0099	U		<0.062	J	UJ	<0.0021	U		0.0049	J		0.038		
		VMP-24-5-071212	7/12/2012	0.052			0.043			<0.0061	U		<0.0094	U		<0.036	U		<0.002	U		<0.0087	U		0.012		
		VMP-24-5-101912	10/19/2012	0.025	J		0.081			<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		0.0086	J		<0.017	U	
		VMP-24-5-012313	1/23/2013	0.025	J		0.0088			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-24-5-050113	5/1/2013	0.022	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0042	J	
		VMP-24-5-073113	7/31/2013	0.029	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0069	J	
		VMP-24-5-102113	10/21/2013	0.0097	J		0.00053	J		<0.0091	U		<0.014	U		0.0015	J		<0.003	U		0.0034	J		0.0033	J	
		VMP-24-5-020614	2/6/2014	0.0049	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-24-5-042114	4/21/2014	0.011	J		0.00098	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-24-5-072814	7/28/2014	0.02	J		0.0022	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0034	J	
		VMP-24-5-102714	10/27/2014	0.017	J	J	0.0018	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0037	J		0.0047	J	
		VMP-24-5-020215	2/2/2015	0.0083	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-24-5-042715	4/27/2015	0.012	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0064	J	
		VMP-24-5-072115	7/21/2015	0.03	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.022			0.009	J	
		VMP-24-5-102915	10/29/2015	0.022	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.011	J		0.0042	J	
		VMP-24-5-012716	1/27/2016	0.017	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0043	J		0.0033	J	
		VMP-24-5-042916	4/29/2016	0.021	J		0.00073	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.005	J	
		VMP-24-5-072716	7/27/2016	0.045			<0.0048	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.003	J	
		VMP-24-5-102816	10/28/2016	0.016	J		0.00091	J		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.0048	J		<0.013	U	
	10 ft	VMP-24-10-021711	2/17/2011	0.01	J		1.4			<0.009	U		<0.014	U		<0.0052	U		<0.003	U					<0.004	U	
		VMP-24-10-041111	4/11/2011	0.012	J		2.5			<0.017	U		<0.026	U		<0.0098	U		<0.0056	U		0.54			<0.03	U	
		VMP-24-10-072811	7/28/2011	0.048			0.11			<0.0092	U		<0.014	U		<0.0054	U		<0.003	U		<0.013	U		0.023		
		VMP-24-10-110211	11/2/2011	0.015			0.002	J		<0.0055	U		<0.0085	U		<0.0032	U		<0.0018	U		<0.0078	U		0.0069	J	
		VMP-24-10-012512	1/25/2012	0.0073			0.00061	J		0.00074	J		<0.008	U		<0.003	U		<0.0017	U		<0.0074	U		0.0032	J	
		VMP-24-10-041012	4/10/2012	0.054			<0.0029	J	U	<0.0061	U		<0.0094	U		<0.036	J	UJ	<0.002	U		<0.0087	U		0.012		
		VMP-24-10-071212	7/12/2012	0.088			0.0078			<0.0071	U		<0.011	U		<0.041	U		<0.0023	U		<0.01	U		0.02		
		VMP-24-10-100912	10/9/2012	0.016	J		0.00099	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-24-10-012313	1/23/2013	<0.033	J	U	0.0072			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-24-10-042513	4/25/2013	0.025	J		0.0053	J		<0.036	U		<0.055	U		<0.2	U		<0.012	U		<0.05	U		<0.062	U	
		VMP-24-10-073113	7/31/2013	0.046			0.001	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.015			0.014	J	
		VMP-24-10-102113	10/21/2013	0.025	J		0.0036	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0033	J		0.013	J	
		VMP-24-10-020614	2/6/2014	0.0066	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-24-10-042114	4/21/2014	0.01	J		0.0026	J		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		0.011	J		<0.015	U	
		VMP-24-10-072814	7/28/2014	0.016	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0034	J	
		VMP-24-10-102714	10/27/2014	0.036	J	J	0.0028	J		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		0.017			0.01	J	
		VMP-24-10-020215	2/2/2015	0.0042	J		<0.0036	U		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-24-10-042715	4/27/2015	0.016	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-24-10-072115	7/21/2015	0.019	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0067	J		0.0052	J	
		VMP-24-10-102915	10/29/2015	0.034			<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0082	J	
		VMP-24-10-012716	1/27/2016	0.014	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0038	J	
		VMP-24-10-042916	4/29/2016	0.024	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0063	J	
		VMP-24-10-072716	7/27/2016	0.03	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.003	J	
		VMP-24-10-102816	10/28/2016	0.013	J		0.0012	J		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		0.0094	J		<0.012	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	0.0064	J		0.95			<0.009	U		<0.014	U		<0.0052	U		<0.003	U					<0.004	U	
		VMP-24-22-041111	4/11/2011	0.011	J		0.013			<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-24-22-072811	7/28/2011	0.022			0.047			<0.0084	U		<0.013	U		<0.0049	U		<0.0028	U		<0.012	U		0.012	J	
		VMP-24-22-072811-Dup	7/28/2011	0.015			0.046			<0.0097	U		<0.015	U		<0.0056	U		<0.0032	U		<0.014	U		0.007	J	
		VMP-24-22-110611	11/6/2011	0.018			0.01			<0.0059	U		<0.009	J	U	<0.0034	U		<0.0019	U		<0.0083	U		0.0033	J	
		VMP-24-22-012512	1/25/2012	0.012			0.00079	J		0.00069	J		<0.0085	U		<0.0032	U		<0.0018	U		<0.0078	U		0.0046	J	
		VMP-24-22-041012	4/10/2012	0.067			0.0037			<0.006	U		<0.0092	U		<0.035	J	UJ	<0.002	U		0.0074	J		0.022		
		VMP-24-22-071212	7/12/2012	0.073			0.033			<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.014		
		VMP-24-22-100912	10/9/2012	0.014	J		0.0013	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-24-22-012313	1/23/2013	0.0069	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.022			<0.017	U	
		VMP-24-22-042513	4/25/2013	0.0091	J		0.016			<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.019			<0.016	U	
		VMP-24-22-042513-Dup	4/25/2013	0.0096	J		0.0098			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.009	J		<0.017	U	
		VMP-24-22-073113	7/31/2013	0.01	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-24-22-102213	10/22/2013	0.028	J		0.00048	J		<0.0084	U		<0.013	U		0.0016	J		<0.0028	U		0.0019	J		0.0021	J	
		VMP-24-22-020614	2/6/2014	<0.029	U		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-24-22-042114	4/21/2014	0.018	J		0.0023	J		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.0019	J	
		VMP-24-22-072814	7/28/2014	0.015	J		0.0012	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0028	J	
		VMP-24-22-102714	10/27/2014	0.028	J	J	0.0039	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.005	J		0.0087	J	
		VMP-24-22-020215	2/2/2015	0.0074	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-24-22-042715	4/27/2015	0.014	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-24-22-072115	7/21/2015	0.027	J	J	<0.0042	U	UJ	<0.0088	U	UJ	<0.014	U	UJ	<0.051	U	UJ	<0.0029	U	UJ	<0.012	U	UJ	0.0052	J	J
		VMP-24-22-082415	8/24/2015	0.016	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-24-22-082415-DUP	8/24/2015	0.016	J		<0.0049	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-24-22-102915	10/29/2015	0.021	J		<0.0046	J	U	<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.0046	J		0.0053	J	
		VMP-24-22-012716	1/27/2016	0.015	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0033	J		0.0021	J	
		VMP-24-22-042916	4/29/2016	0.017	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.0066	J		<0.017	U	
		VMP-24-22-072716	7/27/2016	0.027	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0059	J	
		VMP-24-22-102816	10/28/2016	0.02	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0056	J	
	34 ft	VMP-24-34-021711	2/17/2011	0.014			0.0084			<0.009	U		<0.014	U		<0.0052	U		<0.003	U					0.0025	J	
		VMP-24-34-041111	4/11/2011	0.014			0.0072			<0.0081	U		<0.012	U		<0.0047	U		<0.0027	U		0.0031	J		<0.014	U	
		VMP-24-34-072811	7/28/2011	0.031			0.077			<0.0071	U		<0.011	U		<0.0041	U		<0.0024	U		<0.01	U		0.012	J	
		VMP-24-34-110611	11/6/2011	0.025			0.0095			<0.0046	U		<0.007	J	U	<0.0026	U		<0.0015	U		0.0033	J		0.016		
		VMP-24-34-012512	1/25/2012	0.0075	J		0.00051	J		0.001	J		<0.0087	U		<0.0033	U		<0.0018	U		<0.008	U		0.0065	J	
		VMP-24-34-041012	4/10/2012	0.06			0.037			<0.0063	U		<0.0097	U		<0.036	J	UJ	<0.0021	U		0.0037	J		0.015		
		VMP-24-34-071212	7/12/2012	0.074			0.1			<0.006	U		<0.0092	U		<0.035	U		<0.002	U		0.0033	J		0.021		
		VMP-24-34-100912	10/9/2012	0.015	J		0.0067			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-24-34-012313	1/23/2013	0.009	J		0.0068			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-24-34-050613	5/6/2013	<0.038	U		0.056			<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		<0.019	U	
		VMP-24-34-073113	7/31/2013	0.021	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-24-34-073113-Dup	7/31/2013	0.019	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-24-34-102213	10/22/2013	0.025	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0022	J	
		VMP-24-34-020614	2/6/2014	<0.029	U		0.0013	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-24-34-042114	4/21/2014	0.0087	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-24-34-072814	7/28/2014	0.01	J		0.0024	J		0.0025	J		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0019	J	
		VMP-24-34-072814-DUP	7/28/2014	0.019	J		0.0014	J		<0.01	U		<0.016	U		<0.059	U		<0.0033	U		<0.014	U		0.0044	J	
		VMP-24-34-102714	10/27/2014	0.03	J	J	0.0025	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0074	J	
		VMP-24-34-102714-DUP	10/27/2014	0.036	J	J	0.0025	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0049	J	
		VMP-24-34-020215	2/2/2015	0.012	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0025	J	
		VMP-24-34-020215-DUP	2/2/2015	0.0086	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-24-34-042715	4/27/2015	0.012	J		<0.0056	U		<0.012	U		<0.018	U		<0.068	U		<0.0039	U		<0.017	U		0.0082	J	
		VMP-24-34-072115	7/21/2015	0.024	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0057	J	
		VMP-24-34-072115-DUP	7/21/2015	0.015	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0031	J	
		VMP-24-34-102915	10/29/2015	0.016	J		<0.0042	J	U	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0086	J	
		VMP-24-34-012716	1/27/2016	0.1			<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		0.0059	J		0.021		
		VMP-24-34-042916	4/29/2016	0.03	J		0.0013	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0066	J	
		VMP-24-34-072716	7/27/2016	0.026	J		0.00048	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0032	J	
		VMP-24-34-072716-DUP	7/27/2016	0.013	J		0.0018	J		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		0.0021	J	
		VMP-24-34-102816	10/28/2016	0.01	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-24-34-102816-Dup	10/28/2016	0.026	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0098	J	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	3.6			0.82			<0.081	U		<0.12	U		<0.047	U		<0.027	U					<0.14	U	
		VMP-25-5-040811	4/8/2011	0.043	J		5.2			<0.037	U		<0.057	U		<0.021	U		<0.012	U		0.12			<0.065	U	
		VMP-25-5-080911	8/9/2011	0.16			0.31			<0.0078	U		<0.012	J	U	<0.0045	U		<0.0026	U		0.094			0.058		
		VMP-25-5-111711	11/17/2011	0.0076	J		0.011			<0.0056	U		<0.0087	U		<0.0033	U		<0.0018	U		<0.008	U		0.0013	J	
		VMP-25-5-013112	1/31/2012	0.02	J		4.8			<0.041	U		<0.063	U		<0.024	U		<0.013	U		4			0.01	J	
		VMP-25-5-042512	4/25/2012	0.024			0.066			<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U		<0.0091	U		0.031		
		VMP-25-5-072612	7/26/2012	0.021	J		0.21			<0.022	U		<0.034	U		<0.13	U		<0.0073	U		2			0.017	J	
		VMP-25-5-102612	10/26/2012	0.012	J		0.0017	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0035	J	
		VMP-25-5-030613	3/6/2013	0.018	J		0.0048			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.016			0.0054	J	
		VMP-25-5-051713	5/17/2013	0.019	J		0.023			<0.0092	U		<0.014	U		<0.053	U		<0.003	U		0.005	J		0.0032	J	
		VMP-25-5-081513	8/15/2013	0.02	J		0.0032	J		<0.011	U		<0.017	U		<0.064	U		<0.0037	U		<0.016	U		0.0052	J	
		VMP-25-5-081513-Dup	8/15/2013	0.018	J		0.003	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U	UJ	<0.013	U		<0.016	U	
		VMP-25-5-111313	11/13/2013	0.0092	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-25-5-050114	5/1/2014	0.062			0.0016	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.015	J	
		VMP-25-5-081414	8/14/2014	0.059			<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U	UJ	<0.013	U		0.0097	J	
		VMP-25-5-110514	11/5/2014	<0.03	U		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-25-5-021115	2/11/2015	0.0077	J		0.0045			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-25-5-050715	5/7/2015	0.015	J		<0.0044	U		<0.0091	U		<0.014	U		0.0033	J		<0.003	U		<0.013	U		0.0061	J	
		VMP-25-5-073015	7/30/2015	0.015	J		<0.0044	J	U	<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0034	J	
		VMP-25-5-110515	11/5/2015	0.02	J		0.0012	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0036	J	
		VMP-25-5-021616	2/16/2016	0.015	J		<0.0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		0.0066	J		0.002	J	
		VMP-25-5-050416	5/4/2016	<0.58	U		<0.078	U		<0.16	U		<0.25	U		<0.95	U		<0.054	U		3.6			<0.29	U	
		VMP-25-5-080316	8/3/2016	0.083			0.00092	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.021		
		VMP-25-5-103116	10/31/2016	<0.029	J	U	<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
	21 ft	VMP-25-21-031511	3/15/2011	1200		J	97		J	<16	U		<24	U		<9.2	U		<5.2	U					<28	U	
		VMP-25-21-031511-DUP	3/15/2011	1800		J	140		J	<20	U		<31	U		<12	U		<6.7	U					<36	U	
		VMP-25-21-040811	4/8/2011	<240	U		130			<170	U		<260	U		<98	U		<56	U		14000			<300	U	
		VMP-25-21-040811-DUP	4/8/2011	<240	U		120			<170	U		<260	U		<99	U		<56	U		13000			<300	U	
		VMP-25-21-080911	8/9/2011	<78	U		1100			<55	U		<85	U		<32	U		<18	U		15000			<97	U	
		VMP-25-21-111711	11/17/2011	<110	U		25	J		<75	U		<120	U		<44	U		<25	U		6800			<130	U	
		VMP-25-21-111711-DUP	11/17/2011	<160	U		18	J		<110	U		<170	U		<64	U		<37	U		6900			<200	U	
		VMP-25-21-013112	1/31/2012	<56	U		59			<39	U		<240	U		<23	U		<13	U		8300			<69	U	
		VMP-25-21-013112-DUP	2/1/2012	<52	U		62			<36	U		<220	U		<21	U		<12	U		9500			<64	U	
		VMP-25-21-042512	4/25/2012	6.7	J		37			<25	U		<38	U		<14	U		<8.2	U		12000			<44	U	
		VMP-25-21-072612	7/26/2012	<60	U		48			<42	U		<65	U		<24	U		<14	U		15000			<74	U	
		VMP-25-21-102612	10/26/2012	<360	U		48	J		<250	U		<390	U		<150	U		<84	U		14000			<440	U	
		VMP-25-21-030613	3/6/2013	<230	U		95			<64	U		<99	U		<370	U		<21	U		12000			<110	U	
		VMP-25-21-051713	5/17/2013	<65	U		61			<46	U		<70	U		<26	U		<15	U		6700			<80	U	
		VMP-25-21-081513	8/15/2013	<33	U		45			<23	U		<36	U		<13	U		<7.6	U		3000			<41	U	
		VMP-25-21-111313	11/13/2013	<220	U		45			<61	U		<94	U		<350	U		<20	U		1400			<110	U	
		VMP-25-21-111313-Dup	11/13/2013	<220	U		48			<61	U		<94	U		<350	U		<20	U		1500			<110	U	
		VMP-25-21-050114	5/1/2014	19	J		42			<42	U		<65	U		<240	U		<14	U		790			<74	U	
		VMP-25-21-081414	8/14/2014	<12	U		20			<8.8	U		<14	U		<5.1	U	UJ	<2.9	U	UJ	260			<16	U	
		VMP-25-21-110514	11/5/2014	<3.9	U		12			<2.7	U		<4.2	U		<1.6	U		<0.9	U		190			<4.8	U	
		VMP-25-21-021115	2/11/2015	<5.9	U		11			<4.2	U		<6.4	U		<2.4	U		<1.4	U		140			<7.3	U	
		VMP-25-21-050715	5/7/2015	3.4	J		5			<8.1	U		<12	U		<47	U		<2.7	U		130			<14	U	
		VMP-25-21-073015	7/30/2015	<3	U		6.6			<2.2	U		<3.3	U		<1.2	U		<0.71	U		100			<3.8	U	
		VMP-25-21-110515	11/5/2015	<2.7	U		2.7			<1.9	U		<3	U		<1.1	ND,UJ	UJ	<0.63	U		75			<3.4	U	
		VMP-25-21-050416	5/4/2016	<0.14	U		<0.048	U		<0.1	U		<0.16	U		<0.059	U		<0.034	U		<0.14	U		<0.18	U	
		VMP-25-21-080316	8/3/2016	0.036			0.0015	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0084	J		0.0092	J	
		VMP-25-21-103116	10/31/2016	<0.031	J	U	<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-25-21-103116-Dup	10/31/2016	<0.029	J	U	<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	31 ft	VMP-25-31-030613	3/6/2013	<120	U		90			<85	U		<130	U		<49	U		<28	U		6200			<150	U	
		VMP-25-31-081513	8/15/2013	<63	U		36			<44	U		<69	U		<26	U		<15	U		2500			<78	U	
		VMP-25-31-111313	11/13/2013	<220	U		41			<63	U		<98	U		<370	U		<21	U		1400			<110	U	
		VMP-25-31-050114	5/1/2014	21	J		15	J		<39	U		<60	U		<220	U		<13	U		380			<68	U	
		VMP-25-31-081414	8/14/2014	<14	U		16			<9.6	U		<15	U		<5.6	U	UJ	<3.2	U	UJ	240			<17	U	
		VMP-25-31-110514	11/5/2014	<6.3	U		12			<4.4	U		<6.8	U		<2.6	U		<1.5	U		160			<7.8	U	
		VMP-25-31-021115	2/11/2015	<5.6	U		8.5			<4	U		<6.1	U		<2.3	U		<1.3	U		150			<7	U	
		VMP-25-31-021115-DUP	2/11/2015	<5.6	U		8.3			<3.9	U		<6	U		<2.3	U		<1.3	U		140			<6.9	U	
		VMP-25-31-050715	5/7/2015	6.2	J		2.6	J		<11	U		<17	U		<63	U		<3.6	U		120			<19	U	
		VMP-25-31-050715-DUP	5/7/2015	5	J		2.4	J		<10	U		<16	U		<61	U		<3.5	U		110			<18	U	
		VMP-25-31-073015	7/30/2015	<3.6	U		3.7			<2.5	U		<3.9	U		<1.5	U		<0.84	U		98			<4.4	U	
		VMP-25-31-073015-DUP	7/30/2015	<3.2	U		3.7			<2.2	U		<3.4	U		<1.3	U		<0.74	U		93			<3.9	U	
		VMP-25-31-110515	11/5/2015	<2.6	U		1.7			<1.8	U		<2.8	U		<1	ND,UJ	UJ	<0.6	U		74			<3.2	U	
		VMP-25-31-021616	2/16/2016	<3.9	U		1	J		<2.7	U		<4.2	U		<1.6	U		<0.9	U		82			<4.8	U	
		VMP-25-31-021616-DUP	2/16/2016	<6.1	U		1.3	J		<4.3	U		<6.6	U		<2.5	U		<1.4	U		82			<7.5	U	
		VMP-25-31-050416	5/4/2016	1.4	J		1.4	J		<4.7	U		<7.2	U		<27	U		<1.5	U		120			<8.2	U	
		VMP-25-31-080316	8/3/2016	<0.64	U		0.015	J		<0.18	U		<0.28	U		<1	U		<0.06	U		0.5			<0.32	U	
		VMP-25-31-080316-DUP	8/3/2016	0.045	J		0.022	J		<0.16	U		<0.25	U		<0.92	U		<0.053	U		0.48			<0.28	U	
		VMP-25-31-103116	10/31/2016	<0.11	U		2.6		J	<0.081	U		<0.12	U		<0.19	U		<0.027	U		160			<0.14	U	
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	4.4			<0.034	U		<0.071	U		<0.11	U		<0.41	U		<0.023	U		<0.1	U		12		
		VMP-29-10-100812	10/8/2012	8.4			0.47			<0.12	U		<0.19	U		<0.73	U		<0.042	U		<0.18	U		22		
		VMP-29-10-020613	2/6/2013	0.16			0.053			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0038	J		0.3		
		VMP-29-10-050613	5/6/2013	0.21			0.023			<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.01	J		0.71		
		VMP-29-10-080513	8/5/2013	0.24			1.1			<0.0089	U		<0.014	U		<0.052	U		<0.003	U		0.0086	J		1.3		
		VMP-29-10-083013	8/30/2013	0.44			0.21			<0.01	U		<0.015	U		<0.058	U		<0.0033	U		0.055			2.4		
		VMP-29-10-102513	10/25/2013	0.038			0.0026	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.0021	J		0.15		
		VMP-29-10-021214	2/12/2014	0.018	J		0.13			<0.008	U		<0.012	U		<0.047	U		<0.0026	U		0.017			0.025		
		VMP-29-10-042914	4/29/2014	0.072			0.0047			<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.0092	J		0.25		
		VMP-29-10-081214	8/12/2014	0.25			0.0026	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.016			0.8		
		VMP-29-10-110314	11/3/2014	0.049			0.0031	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.011	J		0.1		
		VMP-29-10-020515	2/5/2015	0.015	J		0.15			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.029		
		VMP-29-10-050615	5/6/2015	0.1			0.011			<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.37		
		VMP-29-10-072715	7/27/2015	0.094			0.007			<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.013			0.29		
		VMP-29-10-103015	10/30/2015	0.043			0.0049			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.059			0.052		
		VMP-29-10-012716	1/27/2016	0.044			0.04			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0051	J		0.019		
		VMP-29-10-050216	5/2/2016	0.094			0.003	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0057	J		0.11		
		VMP-29-10-072816	7/28/2016	0.17			0.029			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.98		
		VMP-29-10-120916	12/9/2016	0.015	J		0.0054			<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.0077	J		0.026		
	20 ft	VMP-29-20-073012	7/30/2012	170			0.066	J		<0.84	U		<1.3	U		<0.49	U		<0.28	U		<1.2	U		270		
		VMP-29-20-073012-Dup	7/30/2012	150			0.047	J		<0.78	U		<1.2	U		<0.45	U		<0.26	U		<1.1	U		240		
		VMP-29-20-100812	10/8/2012	15			0.12			<0.12	U		<0.19	U		<0.73	U		<0.042	U		<0.18	U		31		
		VMP-29-20-020613	2/6/2013	0.21			0.026			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0084	J		0.75		
		VMP-29-20-050613	5/6/2013	1.4			0.12			<0.037	U		<0.057	U		<0.22	U		<0.012	U		<0.053	U		5.5		
		VMP-29-20-080513	8/5/2013	2.9			0.25			<0.047	U		<0.072	U		<0.27	U		<0.015	U		<0.066	U		9		
		VMP-29-20-102513	10/25/2013	0.41			0.014			<0.016	U		<0.024	U		<0.09	J	U	<0.0051	U		0.036			1.5		
		VMP-29-20-021214	2/12/2014	0.033			0.13			<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		0.0077	J		0.064		
		VMP-29-20-042914	4/29/2014	0.3			0.035			<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		0.013			1.1		
		VMP-29-20-081214	8/12/2014	1.6			0.019			<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		5.2		
		VMP-29-20-110314	11/3/2014	0.2			0.0053			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.013	J		0.64		
		VMP-29-20-020515	2/5/2015	0.16			0.11			<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.45		
		VMP-29-20-050615	5/6/2015	0.21			0.013			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.76		
		VMP-29-20-072715	7/27/2015	0.13			0.0052	J		<0.012	U		<0.018	U		<0.069	U		<0.0039	U		0.0079	J		0.59		
		VMP-29-20-103015	10/30/2015	0.035			0.0077			<0.0089	U		<0.014	U		<0.052	U		<0.003	U		0.018			0.085		
	18 ft	VMP-29-20-020416-R	2/4/2016	0.16			0.16			<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.0049	J		0.39		
		VMP-29-20-050216	5/2/2016	0.37			0.014			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0054	J		1.2		
		VMP-29-20-072816	7/28/2016	0.71			0.053			<0.019	U		<0.029	U		<0.11	U		<0.0062	U		<0.027	U		3.3		
		VMP-29-18-110316	11/3/2016	0.81			0.025			<0.018	U		<0.027	U		<0.1	U		<0.0058	U		<0.025	U		2.8		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	26 ft	VMP-29-30-073012	7/30/2012	26			0.057	J		<0.14	U		<0.21	U		<0.08	U		<0.046	U		<0.2	U		60		
		VMP-29-30-100812	10/8/2012	54			0.11	J		<0.62	U		<0.96	U		<3.6	U		<0.2	U		<0.88	U		72		
		VMP-29-30-020613	2/6/2013	0.76			0.084			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0047	J		2.1		
		VMP-29-30-050613	5/6/2013	1.2			0.16			<0.032	U		<0.05	U		<0.19	U		<0.011	U		<0.046	U		4.3		
		VMP-29-30-080513	8/5/2013	3.5			0.038			<0.049	U		<0.075	U		<0.28	U		<0.016	U		<0.069	U		11		
		VMP-29-30-080513-Dup	8/5/2013	3.5			0.042			<0.08	U		<0.12	U		<0.46	U		<0.026	U		<0.11	U		12		
		VMP-29-30-102513	10/25/2013	0.57			0.014			<0.012	U		<0.019	U		<0.072	U		<0.0041	U		<0.018	U		1.8		
		VMP-29-30-021214	2/12/2014	0.014	J		0.099			<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.014		
		VMP-29-30-042914	4/29/2014	0.14			0.0058			<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0047	J		0.2		
		VMP-29-30-081214	8/12/2014	1			0.034			<0.066	U		<0.1	U		<0.38	U		<0.022	U		<0.094	U		0.71		
		VMP-29-30-111214-R	11/12/2014	0.015	J		<0.0039	J	U	<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0071	J	
		VMP-29-30-111214-R-DUP	11/12/2014	0.015	J		<0.0038	J	U	<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		0.005	J	
		VMP-29-30-020615	2/6/2015	0.0097	J		0.017			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0045	J	
		VMP-29-30-050615	5/6/2015	0.03	J		0.0042	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.013	J		0.052		
		VMP-29-30-050615-DUP	5/6/2015	0.053			0.0042	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.028			0.06		
		VMP-29-30-080315	8/3/2015	0.16			0.0065			<0.01	U		<0.015	U		<0.058	U		<0.0033	U	UJ	<0.014	U	UJ	0.33		
		VMP-29-30-103015	10/30/2015	0.074			0.0025	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.043		
		VMP-29-30-012716	1/27/2016	0.047			0.0034	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.053		
		VMP-29-30-050216	5/2/2016	0.049	J		<0.015	U		<0.032	U		<0.05	U		<0.19	U		<0.011	U		<0.046	U		0.016	J	
		VMP-29-30-072816	7/28/2016	1.8			0.02			<0.022	U		<0.034	U		<0.13	U		<0.0072	U		<0.031	U		3.4		
		VMP-29-26-110316	11/3/2016	0.051			0.0072			<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.024		
		VMP-29-26-110316-Dup	11/3/2016	0.041			0.0071			<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.019		
VMP-30	10 ft	VMP-30-10-073012	7/30/2012	35			0.016	J		<0.25	U		<0.39	U		<0.14	U		<0.083	U		<0.36	U		97		
		VMP-30-10-100812	10/8/2012	0.87			0.016			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		2.3		
		VMP-30-10-020613	2/6/2013	0.091			0.0018	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.15		
		VMP-30-10-050613	5/6/2013	1.1			0.057			<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		0.0048	J		3.2		
		VMP-30-10-080513	8/5/2013	1.8			0.0095			<0.018	U		<0.029	U		<0.11	U		<0.0061	U		<0.026	U		6.2		
		VMP-30-10-102813	10/28/2013	0.12			0.0074			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.51		
		VMP-30-10-021214	2/12/2014	0.029	J		0.46			<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		0.011	J		0.05		
		VMP-30-10-042914	4/29/2014	0.07			0.0096			<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.2		
		VMP-30-10-080814	8/8/2014	0.18			0.0058			<0.01	U		<0.015	U		<0.058	J	U	<0.0033	U		0.012	J		0.48		
		VMP-30-10-110414	11/4/2014	0.089			0.0059			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.006	J		0.32		
		VMP-30-10-020615	2/6/2015	0.038			0.025			<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.057		
		VMP-30-10-050515	5/5/2015	0.04			0.0019	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0029	J		0.046		
		VMP-30-10-072715	7/27/2015	0.065			0.028			<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.0045	J		0.14		
		VMP-30-10-103015	10/30/2015	0.13			0.003	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.3		
		VMP-30-10-020416	2/4/2016	0.024	J		0.0019	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.042		
		VMP-30-10-050216	5/2/2016	0.044			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.14		
		VMP-30-10-072816	7/28/2016	1.1			0.0032	J		<0.037	U		<0.057	U		<0.21	U		<0.012	U		<0.052	U		3.8		
		VMP-30-10-110316	11/3/2016	0.043			0.0044			<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.0056	J		0.11		
	18 ft	VMP-30-20-073012	7/30/2012	200			2.1			<1.1	U		<1.6	U		<0.62	U		<0.35	U		<1.5	U		390		
		VMP-30-20-100812	10/8/2012	44			0.35			<0.39	U		<0.6	U		<2.2	U		<0.13	U		<0.55	U		45		
		VMP-30-20-020613	2/6/2013	0.17			0.11			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0088	J		0.6		
		VMP-30-20-050613	5/6/2013	3.9			0.39			<0.093	U		<0.14	U		<0.54	U		<0.031	U		<0.13	U		13		
		VMP-30-20-080513	8/5/2013	2.3			0.15			<0.038	U		<0.058	U		<0.22	U		<0.012	U		<0.053	U		8.9		
		VMP-30-20-102813	10/28/2013	0.46			0.13			<0.013	U		<0.02	U		<0.076	U		<0.0043	U		<0.018	U		1.1		
		VMP-30-20-021214	2/12/2014	0.028	J		0.036			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.005	J		0.026		
		VMP-30-20-042914	4/29/2014	0.17			0.03			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.36		
		VMP-30-20-080814	8/8/2014	0.2			0.025			<0.01	U		<0.016	U		<0.059	J	U	<0.0034	U		0.0088	J		0.43		
		VMP-30-20-110414	11/4/2014	0.028	J		0.01			<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.043		
		VMP-30-20-020615	2/6/2015	0.025	J		0.058			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0057	J		0.022		
		VMP-30-20-050515	5/5/2015	0.079			0.012			<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0046	J		0.18		
		VMP-30-20-072715	7/27/2015	0.99			0.064			<0.022	U		<0.034	U		<0.13	U		<0.0073	U		<0.031	U		2.8		
		VMP-30-20-103015	10/30/2015	0.083			0.049			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.091		
		VMP-30-20-012716	1/27/2016	0.019	J		0.0068			<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		0.011	J		0.0066	J	
		VMP-30-20-050216	5/2/2016	0.0083	J		0.0052			<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.015	J	
		VMP-30-20-072816	7/28/2016	1.3			0.12			<0.041	U		<0.063	U		<0.24	U		<0.013	U		<0.058	U		4.4		
		VMP-30-18-110316	11/3/2016	0.052			0.013			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0052	J		0.057		

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-30	26 ft	VMP-30-30-073012	7/30/2012	320			7.2			<1.1	U		<1.7	U		<0.63	U		<0.36	U		<1.6	U		380		
		VMP-30-30-100812	10/8/2012	75			5.4			<0.81	U		<1.2	U		<4.7	U		<0.27	U		0.49	J		100		
		VMP-30-30-020613	2/6/2013	2.8			1.4			<0.029	U		<0.045	U		<0.17	U		<0.0097	U		<0.042	U		6.4		
		VMP-30-30-050613	5/6/2013	3.1			1.2			<0.053	U		<0.082	U		<0.31	U		<0.017	U		<0.075	U		9.2		
		VMP-30-30-081413	8/14/2013	0.52			0.17			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U	UJ	<0.014	U		2.6		
		VMP-30-30-102813	10/28/2013	1			0.57			<0.034	U		<0.053	U		<0.2	U		<0.011	U		<0.048	U		3.7		
		VMP-30-30-021214	2/12/2014	0.48	J		88			<0.64	U		<0.99	U		<3.7	U		<0.21	U		<0.91	U		<1.1	U	
		VMP-30-30-042914	4/29/2014	0.29	J		26			<0.21	U		<0.32	U		<1.2	U		<0.068	U		<0.29	U		0.41		
		VMP-30-30-042914-DUP	4/29/2014	0.4	J		33			<0.22	U		<0.34	U		<1.3	U		<0.074	U		<0.32	U		0.48		
		VMP-30-30-080814	8/8/2014	0.51			0.11			<0.0091	U		<0.014	U		<0.053	J	U	<0.003	U		0.018			1.6		
		VMP-30-30-110414	11/4/2014	0.52			0.28			<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		1.3		
		VMP-30-30-020615	2/6/2015	0.1			0.12			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0092	J		0.17		
		VMP-30-30-050515	5/5/2015	0.05			0.035			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.018			0.12		
		VMP-30-30-050515-DUP	5/5/2015	0.049			0.037			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.022			0.12		
		VMP-30-30-072715	7/27/2015	0.31			0.08			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.0089	J		1.3		
		VMP-30-30-103015	10/30/2015	0.066			0.01			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0053	J		0.088		
		VMP-30-30-012716	1/27/2016	0.16			0.13			<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.01	J		0.24		
		VMP-30-30-050216	5/2/2016	0.13			0.024			<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.34		
		VMP-30-30-072816	7/28/2016	4.4		J	0.24		J	<0.081	U		<0.12	U		<0.47	U		<0.027	U		<0.12	U		14		
		VMP-30-30-072816-DUP	7/28/2016	3.4		J	0.36		J	<0.064	U		<0.099	U		<0.37	U		<0.021	U		<0.091	U		11		
		VMP-30-26-110316	11/3/2016	0.4			0.07			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0081	J		1		
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	0.057			0.29			<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U		<0.0091	U		0.027		
		VMP-31-5-072012	7/20/2012	0.17			0.0043			<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U		<0.0091	U		0.023		
		VMP-31-5-102612	10/26/2012	0.15			0.015			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.23			0.045		
		VMP-31-5-021113	2/11/2013	0.064			0.0017	J		<0.0086	U		<0.013	U		<0.05	J	U	<0.0028	U		0.0096	J		0.0039	J	
		VMP-31-5-051513	5/15/2013	0.033	J		0.021			<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0075	J	
		VMP-31-5-022614	2/26/2014	0.014	J		<0.0036	J	U	<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0062	J	
	10 ft	VMP-31-10-042512	4/25/2012	0.048			0.54			<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		0.067			0.022		
		VMP-31-10-072612	7/26/2012	0.033			0.0026	J		<0.0065	U		<0.01	U		0.0015	J	J	<0.0022	U		<0.0093	U		0.014		
		VMP-31-10-102612	10/26/2012	0.036			0.02			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.1			0.0089	J	
		VMP-31-10-021313	2/13/2013	0.018	J		0.024			<0.0094	U		<0.014	U		0.0039	J		<0.0031	U		0.1			0.0037	J	
		VMP-31-10-051713	5/17/2013	0.037			0.0013	J		<0.011	U		<0.017	U		<0.062	J	U	<0.0036	U		<0.015	U		0.0055	J	
		VMP-31-10-111313	11/13/2013	0.015	J		0.0018	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-31-10-022714	2/27/2014	0.012	J		0.00069	J		<0.0084	U		<0.013	U		<0.049	J	U	<0.0028	U		0.015			0.0078	J	
	20 ft	VMP-31-20-101912	10/19/2012	<13	U		0.64	J		<9.2	U		<14	U		<5.4	U		<3	U		2.3	J		<16	U	
		VMP-31-20-021113	2/11/2013	0.045	J		<0.063	U		<0.13	U		<0.2	U		<0.076	U		<0.044	U		1.5			<0.23	U	
		VMP-31-20-111213	11/12/2013	0.01	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
	30 ft	VMP-31-30-042512	4/25/2012	<4.6	U		9.9			<3.3	U		<5.1	U		<1.9	U		<1.1	U		970			<5.8	U	
		VMP-31-30-042512-Dup	4/25/2012	<4.6	U		12			<3.3	U		<5.1	U		<1.9	U		<1.1	U		1100			<5.8	U	
		VMP-31-30-072012	7/20/2012	<2.3	U		<0.3	U		<0.64	U		<0.99	U		<3.7	U		<0.21	U		52			<1.1	U	
		VMP-31-30-101912	10/19/2012	<0.82	U		0.044	J		<0.58	U		<0.89	U		<0.33	U		<0.19	U		19			<1	U	
		VMP-31-30-021113	2/11/2013	<13	U		<4.5	U		<9.4	U		<14	U		<5.5	U		<3.1	U		1000			2.6	J	
		VMP-31-30-050713	5/7/2013	540		J	45			<80	U		<120	U		<460	U		<26	U		7700			<140	U	
		VMP-31-30-080913	8/9/2013	0.095			0.007			<0.01	U		<0.016	U		<0.061	J	U	<0.0035	U		<0.015	U		0.011	J	
		VMP-31-30-111213	11/12/2013	0.022	J		0.0021	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		0.0071	J		0.014	J	
		VMP-31-30-022614	2/26/2014	<58	U		56			<41	U		<64	U		<24	U		<14	U		14000			<72	U	
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	0.095			0.047			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U		<0.0089	U		0.029		
		VMP-32-5-072012	7/20/2012	0.12			0.091			<0.0056	U		<0.0087	U		<0.033	U		<0.0018	U		0.0068	J		0.0061	J	
		VMP-32-5-101812	10/18/2012	0.08			0.0037	J		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.0072	J	
		VMP-32-5-020513	2/5/2013	0.011	J		0.0042			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-32-5-050713	5/7/2013	0.018	J		0.009			<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.013	J	
		VMP-32-5-080213	8/2/2013	0.042			0.032			<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.0096	J	
		VMP-32-5-110813	11/8/2013	0.015	J		0.0025	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-32-5-050114	5/1/2014	0.032			0.0014	J		<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.0054	J	
		VMP-32-5-081314	8/13/2014	0.032	J		0.0011	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U	UJ	<0.013	U		0.0047	J	
		VMP-32-5-110714	11/7/2014	0.014	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0065	J		<0.015	U	
		VMP-32-5-021015	2/10/2015	0.0084	J		<0.0033	U		<0.0069	U		<0.011	U		<0.04	U		<0.0023	U		0.0082	J		<0.012	U	
		VMP-32-5-073115	7/31/2015	0.028	J	J	0.0019	J	J	<0.0093	U	UJ	<0.014	U	UJ	<0.054	U	UJ	<0.0031	U	UJ	<0.013	U	UJ	0.0084	J	J
		VMP-32-5-082415	8/24/2015	0.02	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-32-5-110415	11/4/2015	0.023	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0033	U		<0.014	U		0.0073	J	
		VMP-32-5-012616	1/26/2016	0.016	J		0.0021	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0072	J		0.0032	J	
		VMP-32-5-042716	4/27/2016	0.014	J		0.0019	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.012	J		0.0072	J	
		VMP-32-5-072616	7/26/2016	0.015	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0023	J	
		VMP-32-5-102716	10/27/2016	0.018	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0059	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	10 ft	VMP-32-10-041612	4/16/2012	0.034			0.0032			<0.0057	U		<0.0088	U		<0.033	U		<0.0019	U		0.007	J		0.024		
		VMP-32-10-072012	7/20/2012	0.087			0.044			<0.0066	U		<0.01	U		0.0032	J		<0.0022	U		<0.0093	U		0.0081	J	
		VMP-32-10-101812	10/18/2012	0.047			0.026			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.0045	J		<0.017	U	
		VMP-32-10-020513	2/5/2013	0.0092	J		0.0051			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-32-10-050713	5/7/2013	0.0087	J		0.002	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0052	J		<0.017	U	
		VMP-32-10-080213	8/2/2013	0.045			5.3			<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.01	J	
		VMP-32-10-082313-R	8/23/2013	0.021	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.11			<0.017	U	
		VMP-32-10-082313-R-DUP	8/23/2013	0.025	J		<0.0051	U		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		0.2			<0.019	U	
		VMP-32-10-110813	11/8/2013	0.015	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-32-10-022814	2/28/2014	0.0084	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-32-10-050114	5/1/2014	0.0078	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-32-10-081314	8/13/2014	0.2			0.0015	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	UJ	<0.014	U		0.0038	J	
		VMP-32-10-110714	11/7/2014	0.032			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0038	J	
		VMP-32-10-021015	2/10/2015	0.0072	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.0064	J		<0.014	U	
		VMP-32-10-051115	5/11/2015	0.012	J	J	<0.005	U	UJ	<0.01	U	UJ	<0.016	U	UJ	<0.061	U	UJ	<0.0035	U	UJ	<0.015	U	UJ	0.0024	J	J
		VMP-32-10-052915-R	5/29/2015	0.028	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.013	J		0.0048	J	
		VMP-32-10-110415	11/4/2015	0.023	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0055	J	
		VMP-32-10-012616	1/26/2016	0.015	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0048	J		0.0051	J	
		VMP-32-10-042716	4/27/2016	0.024	J		0.0029	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0068	J	
		VMP-32-10-072616	7/26/2016	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0062	J		<0.015	U	
		VMP-32-10-102716	10/27/2016	0.021	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0073	J	
	20 ft	VMP-32-20-041612	4/16/2012	0.49			0.034	J		<0.13	U		<0.2	U		<0.76	U		<0.043	U		<0.19	U		<0.23	U	
		VMP-32-20-072012	7/20/2012	0.13			0.0085			<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U		<0.0091	U		0.0075	J	
		VMP-32-20-101812	10/18/2012	0.051			0.0014	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-32-20-020513	2/5/2013	0.0099	J		0.0027	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-32-20-050713	5/7/2013	0.0087	J		0.0068			<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0033	J	
		VMP-32-20-050713-Dup	5/7/2013	0.0087	J		0.0038	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		0.0051	J		0.0026	J	
		VMP-32-20-080213	8/2/2013	0.039			0.055			<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0084	J	
		VMP-32-20-110813	11/8/2013	0.017	J		0.002	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0052	J	
		VMP-32-20-022814	2/28/2014	0.0058	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-32-20-050514	5/5/2014	0.054			<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.013	J	
		VMP-32-20-081314	8/13/2014	0.052			<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U	UJ	<0.013	U		0.011	J	
		VMP-32-20-110714	11/7/2014	0.0053	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-32-20-021015	2/10/2015	0.013	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-32-20-051115	5/11/2015	0.017	J		<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0091	J	
		VMP-32-20-080315	8/3/2015	0.039			<0.0043	J	U	<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0077	J	
		VMP-32-20-110415	11/4/2015	0.035			0.0011	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.01	J	
		VMP-32-20-110415-DUP	11/4/2015	0.016	J		0.0015	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.006	J	
		VMP-32-20-021616	2/16/2016	0.015	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		0.0036	J		0.0034	J	
		VMP-32-20-042716	4/27/2016	0.025	J		0.0017	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0054	J	
		VMP-32-20-082616-R	8/29/2016	0.054			0.0014	J		<0.012	U		<0.018	U		<0.067	U		<0.0038	U		<0.016	U		0.0095	J	
		VMP-32-20-102716	10/27/2016	0.017	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0045	J	
	30 ft	VMP-32-30-041612	4/16/2012	<4.4	U		35			<3.1	U		<4.8	U		<1.8	U		<1	U		1200			<5.5	U	
		VMP-32-30-072012	7/20/2012	<9.2	U		16			<6.5	U		<10	U		<3.7	U		<2.1	U		500			<11	U	
		VMP-32-30-101812	10/18/2012	<0.52	U		0.074	J		<0.37	U		<0.57	U		<0.21	U		<0.12	U		0.15	J		<0.65	U	
		VMP-32-30-020513	2/5/2013	<0.54	U		<0.18	U		<0.38	U		<0.58	U		<0.22	U		<0.12	U		<0.54	U		<0.67	U	
		VMP-32-30-050713	5/7/2013	55		J	41			<9.7	U		<15	U		<56	U		<3.2	U		350			<17	U	
		VMP-32-30-080213	8/2/2013	0.48	J		6.3			<1.5	U		<2.3	U		<0.88	U		<0.5	U		76			<2.7	U	
		VMP-32-30-110813	11/8/2013	<0.68	U		0.69			<0.48	U		<0.74	U		<0.28	U		<0.16	U		4.8			<0.85	U	
		VMP-32-30-022814	2/28/2014	0.0069	J		0.0034	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-32-30-022814-Dup	2/28/2014	0.032			0.00076	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-32-30-050114	5/1/2014	<1.5	U		0.8			<1	U		<1.6	U		<0.6	U		<0.34	U		180			<1.8	U	
		VMP-32-30-081314	8/13/2014	0.027	J		0.01			<0.0096	U		<0.015	U		<0.056	U		<0.0032	U	UJ	0.43			0.0049	J	
		VMP-32-30-081314-DUP	8/13/2014	0.019	J		0.0094			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U	UJ	0.54			0.0034	J	
		VMP-32-30-110714	11/7/2014	0.0091	J		<0.0084	U		<0.018	U		<0.027	U		<0.1	U		<0.0058	U		0.056			<0.031	U	
		VMP-32-30-110714-DUP	11/7/2014	0.011	J		0.0021	J		<0.02	U		<0.031	U		<0.11	U		<0.0065	U		0.043			<0.035	U	
		VMP-32-30-021015	2/10/2015	0.012	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.013			0.0041	J	
		VMP-32-30-050515	5/5/2015	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-32-30-073115	7/31/2015	0.071		J	0.0096		J	<0.0093	U	UJ	<0.014	U	UJ	<0.054	U	UJ	<0.0031	U	UJ	<0.013	U	UJ	0.015	J	J
		VMP-32-30-073115-DUP	7/31/2015	0.037		J	0.0056		J	<0.01	U	UJ	<0.016	U	UJ	<0.06	U	UJ	<0.0034	U	UJ	<0.015	U	UJ	0.0065	J	J
		VMP-32-30-082415	8/24/2015	0.011	J		0.0026	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-32-30-082415-DUP	8/24/2015	0.041			<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-32-30-110415	11/4/2015	0.022	J		0.0014	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0079	J	
		VMP-32-30-020216	2/2/2016	0.014	J		0.0011	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.008	J		<0.015	U	
		VMP-32-30-042716	4/27/2016	0.0054	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-32-30-072616	7/26/2016	0.021	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0038	J	
		VMP-32-30-102716	10/27/2016	0.012	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	0.08			0.16			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.092			0.022		
		VMP-41-10-100912	10/9/2012	0.02	J		0.034			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.012	J	
		VMP-41-10-012913	1/29/2013	0.006	J		0.0018	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-41-10-043013	4/30/2013	0.012	J		0.021			<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0032	J	
		VMP-41-10-080213	8/2/2013	0.025	J		0.00098	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0063	J	
		VMP-41-10-102913	10/29/2013	0.015	J		0.0023	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.007	J	
		VMP-41-10-021114	2/11/2014	0.0043	J		<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-41-10-042214	4/22/2014	<0.032	J	U	0.0014	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0049	J	
		VMP-41-10-073114	7/31/2014	0.013	J		0.0032	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-41-10-102814	10/28/2014	0.024	J		0.0029	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.011	J	
		VMP-41-10-020415	2/4/2015	0.0087	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-41-10-020415-DUP	2/4/2015	0.0064	J		0.001	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-41-10-043015	4/30/2015	0.015	J		0.0014	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.029		
		VMP-41-10-072815	7/28/2015	0.027	J		0.0036	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.007	J	
		VMP-41-10-110215	11/2/2015	0.022	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.008	J	
		VMP-41-10-012716	1/27/2016	0.009	J		0.0006	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-41-10-050216	5/2/2016	0.016	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.004	J	
		VMP-41-10-072816	7/28/2016	0.038			<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-41-10-102416	10/24/2016	0.013	J		<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
	20 ft	VMP-41-20-072712	7/27/2012	0.048			0.039			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U		<0.0089	U		0.012		
		VMP-41-20-072712-Dup	7/27/2012	0.047			0.044			<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U		<0.0091	U		0.013		
		VMP-41-20-100912	10/9/2012	0.055			0.027			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.012	J	
		VMP-41-20-100912-Dup	10/9/2012	0.024	J		0.027			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.009	J	
		VMP-41-20-012913	1/29/2013	0.0096	J		0.0044	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-41-20-043013	4/30/2013	0.0086	J		<0.0043	J	U	<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-41-20-043013-Dup	4/30/2013	0.0065	J		<0.0045	J	U	<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-41-20-080213	8/2/2013	0.015	J		0.00088	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-41-20-102913	10/29/2013	0.012	J		0.00062	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.002	J		0.011	J	J
		VMP-41-20-021114	2/11/2014	0.029			<0.0035	U		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-41-20-042214	4/22/2014	<0.031	J	U	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-41-20-073114	7/31/2014	0.048			<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.012	J	
		VMP-41-20-102814	10/28/2014	0.03	J		0.0049			<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.013	J	
		VMP-41-20-020415	2/4/2015	0.0045	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-41-20-043015	4/30/2015	<0.3	U		<0.099	U		<0.21	U		<0.32	U		<0.12	U		<0.069	U		<0.3	U		<0.37	U	
		VMP-41-20-072815	7/28/2015	0.032	J		<0.0046	J	U	<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0082	J	
		VMP-41-20-110215	11/3/2015	0.032	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.011	J		0.014	J	
		VMP-41-20-012716	1/27/2016	0.0094	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-41-20-050216	5/2/2016	0.03			0.00083	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0085	J	
		VMP-41-20-072816	7/28/2016	0.016	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-41-20-102416	10/24/2016	0.026	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0094	J	
	26 ft	VMP-41-30-100912	10/9/2012	0.019	J		0.041			<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.008	J	
		VMP-41-30-012913	1/29/2013	0.011	J		0.0077			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.019			<0.017	U	
		VMP-41-30-043013	4/30/2013	0.0096	J		0.0055			<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		0.015			<0.017	U	
		VMP-41-30-080213	8/2/2013	0.029	J		0.00099	J		<0.01	U		<0.016	U		<0.059	U		<0.0033	U		0.0065	J		0.0047	J	
		VMP-41-30-102913	10/29/2013	0.0058	J		0.0015	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0038	J	J
		VMP-41-30-021114	2/11/2014	0.0053	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-41-30-021114-Dup	2/11/2014	0.0058	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-41-30-042214	4/22/2014	0.03	J		0.0019	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.011	J	
		VMP-41-30-073114	7/31/2014	<0.034	J	U	0.0013	J		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-41-30-102814	10/28/2014	0.033			0.0048			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		0.012	J	
		VMP-41-30-020415	2/4/2015	0.0068	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-41-30-043015	4/30/2015	0.01	J		0.0012	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0035	J	
		VMP-41-30-043015-DUP	4/30/2015	0.0083	J		0.0011	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0024	J	
		VMP-41-30-110215	11/2/2015	0.019	J		0.0011	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0073	J	
		VMP-41-30-110215-DUP	11/2/2015	0.016	J		0.0012	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0043	J	
		VMP-41-30-012716	1/27/2016	0.016	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0022	J	
		VMP-41-30-012716-DUP	1/27/2016	0.008	J		0.00069	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-41-30-050216	5/2/2016	<0.032	J	U	<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-41-30-072816	7/28/2016	0.054			<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-41-30-072816-DUP	7/28/2016	0.015	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-41-26-102416	10/24/2016	0.012	J		0.0016	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.012			<0.014	U	
		VMP-41-30-072712	7/27/2012	0.094			0.34			<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U		0.02			0.023		
		VMP-41-30-072815	7/28/2015	0.02	J		<0.0051	J	U	<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.0041	J	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	0.041			0.026		J	<0.0057	U		<0.0088	U		<0.033	J	U	<0.0019	U		0.0099			0.027		
		VMP-42-10-041812-Dup	4/18/2012	0.034			0.02		J	<0.0059	U		<0.009	U		<0.034	U		<0.0019	U		0.0064	J		0.026		
		VMP-42-10-071912	7/19/2012	0.053			0.038			<0.0064	U		<0.0099	U		<0.037	U		<0.0021	U		0.0052	J	J	0.03		
		VMP-42-10-101212	10/12/2012	0.017	J		0.046			<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0067	J	
		VMP-42-10-013113	1/31/2013	0.0045	J		0.0023	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-42-10-043013	4/30/2013	0.0092	J		<0.0049	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-42-20-043013	4/30/2013	0.0087	J		<0.0049	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		0.0031	J	
		VMP-42-10-080213	8/2/2013	0.023	J		0.0011	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		0.0099	J	
		VMP-42-10-102913	10/29/2013	0.013	J		0.00049	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0029	J		0.019		J
		VMP-42-10-020714	2/7/2014	<0.029	U		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
		VMP-42-10-042214	4/22/2014	<0.03	J	U	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-42-10-080614	8/6/2014	0.015	J		0.0014	J		<0.0083	U		<0.013	U		<0.048	J	U	<0.0028	U		<0.012	U		<0.015	U	
		VMP-42-10-110414	11/4/2014	0.017	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0062	J	
		VMP-42-10-020315	2/3/2015	0.0057	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-42-10-042915	4/29/2015	0.0066	J		0.0011	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.004	J	
		VMP-42-10-072115	7/21/2015	0.018	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0027	J	
		VMP-42-10-102715	10/27/2015	0.021	J		<0.0039	J	U	<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0054	J	
		VMP-42-10-020116	2/1/2016	0.0098	J		0.00049	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-42-10-042616	4/26/2016	<0.033	U		0.0062			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0077	J		<0.017	U	
		VMP-42-10-072616	7/26/2016	0.019	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-42-10-102716	10/27/2016	0.018	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0088	J	
	20 ft	VMP-42-20-041812	4/18/2012	13			0.4	J		<3	U		<4.6	U		<17	U		<0.99	U		320			<5.3	U	
		VMP-42-20-071912	7/19/2012	0.028			0.038			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U		0.0073	J	J	0.016		
		VMP-42-20-101212	10/12/2012	0.013	J		0.0067			<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-42-20-101212-Dup	10/12/2012	0.024	J		0.008			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0049	J		0.0054	J	
		VMP-42-20-013113	1/31/2013	0.0073	J		0.0063			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.012	J		<0.015	U	
		VMP-42-20-080213	8/2/2013	0.014	J		0.0008	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0054	J	
		VMP-42-20-102913	10/29/2013	0.0074	J		0.0016	J		0.00075	J		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0061	J	J
		VMP-42-20-020714	2/7/2014	0.0048	J		0.0012	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-42-20-042214	4/22/2014	<0.031	J	U	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-42-20-080614	8/6/2014	0.014	J		0.0028	J		<0.0087	U		<0.013	U		0.009	J		<0.0029	U		<0.012	U		<0.015	U	
		VMP-42-20-110414	11/4/2014	0.0067	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0046	J	
		VMP-42-20-020315	2/3/2015	0.0053	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-42-20-042915	4/29/2015	0.0083	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0032	J	
		VMP-42-20-072115	7/21/2015	0.017	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0035	J	
		VMP-42-20-102715	10/27/2015	0.021	J		<0.0048	J	U	<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0069	J	
		VMP-42-20-020116	2/1/2016	0.02	J		0.0011	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0034	J	
		VMP-42-20-042616	4/26/2016	0.0088	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-42-20-072616	7/26/2016	0.0088	J		<0.0048	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-42-20-102676	10/27/2016	0.0091	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
	30 ft	VMP-42-30-041912	4/19/2012	<8.9	U		3.1			<6.3	U		<9.7	U		<3.6	U		<2.1	U		1400			<11	U	
		VMP-42-30-071912	7/19/2012	0.047		J	0.077		J	<0.0059	U		<0.009	U		<0.034	U		<0.0019	U		35	J	J	0.031		J
		VMP-42-30-101212	10/12/2012	0.031	J		0.011			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.56			0.005	J	
		VMP-42-30-101212-Dup	10/12/2012	0.021	J		0.0072			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.54			<0.017	U	
		VMP-42-30-013113	1/31/2013	0.0062	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.33			<0.016	U	
		VMP-42-30-043013	4/30/2013	0.0092	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.14			0.0028	J	
		VMP-42-30-080213	8/2/2013	0.015	J		0.001	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.12			0.0052	J	
		VMP-42-30-102913	10/29/2013	0.093		J	0.00047	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.043			0.0021	J	J
		VMP-42-30-102913-Dup	10/29/2013	0.014	J	J	0.00036	J		0.00049	J		<0.014	U		<0.051	U		<0.0029	U		0.041			0.0071	J	J
		VMP-42-30-020714	2/7/2014	0.0042	J		0.0016	J		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		0.044			<0.013	U	
		VMP-42-30-020714-Dup	2/7/2014	0.0055	J		0.0015	J		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		0.047			<0.014	U	
		VMP-42-30-042214	4/22/2014	0.037			0.006			<0.0084	J	U	<0.013	U		<0.049	U		<0.0028	U		0.01	J		0.0052	J	
		VMP-42-30-042214-Dup	4/22/2014	0.027	J		0.0015	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0058	J		0.0099	J	
		VMP-42-30-080614	8/6/2014	0.039			0.0027	J		<0.009	U		<0.014	U		0.0082	J		<0.003	U		0.0082	J		<0.016	U	
		VMP-42-30-110414	11/4/2014	0.011	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		0.0041	J	
		VMP-42-30-020315	2/3/2015	0.0055	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-42-30-042915	4/29/2015	0.014	J		0.0014	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0068	J	
		VMP-42-30-080315	8/3/2015	0.029	J		<0.0043	J	U	<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0083	J	
		VMP-42-30-080315-DUP	8/3/2015	0.027	J		0.0022	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U	UJ	<0.012	U	UJ	0.0096	J	
		VMP-42-30-102715	10/27/2015	0.017	J		<0.004	J	U	<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0042	J	
		VMP-42-30-020116	2/1/2016	0.035			<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0052	J	
		VMP-42-30-042616	4/26/2016	0.033	J		0.0012	J		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.0036	J	
		VMP-42-30-072616	7/26/2016	0.016	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-42-30-102716	10/27/2016	0.026	J		0.001	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		0.0054	J		0.0064	J	
		VMP-42-30-102716-Dup	10/27/2016	<0.06	U		<0.0081	U		<0.017	U		<0.026	U		<0.098	U		<0.0056	U		<0.024	U		<0.03	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	0.073			0.56			<0.0066	U		<0.01	U		0.007	J		<0.0022	U		0.011			0.045		
		VMP-43-10-071912	7/19/2012	0.097			0.044			<0.012	U		<0.019	U		<0.073	U		<0.0041	U		0.11	J	J	0.028		
		VMP-43-10-101612	10/16/2012	0.04			0.022			<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		<0.019	U	
		VMP-43-10-051713	5/17/2013	0.03	J		0.0022	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.049			0.0046	J	
		VMP-43-10-080913	8/9/2013	0.034	J		0.0034	J		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.012	J	
		VMP-43-10-111313	11/13/2013	0.0062	J		0.00079	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-43-10-022714	2/27/2014	0.024	J		0.00068	J		<0.0081	U		<0.012	U		<0.047	J	U	<0.0027	U		<0.012	U		<0.014	U	
		VMP-43-10-050514	5/5/2014	0.024	J		0.00087	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-43-10-080614	8/6/2014	0.11		J	0.0016	J	J	<0.0088	U	UJ	<0.014	U	UJ	0.0086	J	J	0.0021	J	J	<0.012	U	UJ	0.0082	J	J
		VMP-43-10-021015	2/10/2015	0.0076	J		<0.0035	U		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-43-10-050515	5/5/2015	0.042			0.0055			<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.018		
		VMP-43-10-072115	7/21/2015	0.029	J		<0.0043	J	U	<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0082	J	
		VMP-43-10-102915	10/29/2015	0.019	J		<0.0049	J	U	<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0029	J	
		VMP-43-10-020116	2/1/2016	<0.035	J	U	0.00091	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-43-10-042716	4/27/2016	0.022	J		0.0029	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.0084	J		<0.017	U	
		VMP-43-10-072716	7/27/2016	0.024	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.006	J	
		VMP-43-10-102616	10/26/2016	0.043			0.0048			<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		0.0067	J		0.0079	J	
	20 ft	VMP-43-20-041612	4/16/2012	0.093			0.091			<0.064	U		<0.099	U		<0.037	U		<0.021	U		15			0.019	J	
		VMP-43-20-071912	7/19/2012	0.1			0.077			<0.023	U		<0.036	U		<0.13	U		<0.0076	U		0.36	J	J	0.024	J	
		VMP-43-20-101812	10/18/2012	0.29			0.0026	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.032			0.006	J	
		VMP-43-20-012413	1/24/2013	0.01	J		0.0021	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.016			<0.016	U	
		VMP-43-20-043013	4/30/2013	0.065			0.005			<0.01	U		<0.016	U		<0.061	U		<0.0035	U		0.029			0.014	J	
		VMP-43-20-080913	8/9/2013	0.034	J		0.0023	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.015			0.027		
		VMP-43-20-102913	10/29/2013	0.09			0.0026	J		0.00087	J		<0.014	U		<0.051	U		<0.0029	U		0.0046	J		0.012	J	
		VMP-43-20-022714	2/27/2014	0.013	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	J	U	<0.0029	U		<0.012	U		<0.016	U	
		VMP-43-20-081314	8/13/2014	0.032	J		0.0016	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U	UJ	<0.014	U		0.0077	J	
		VMP-43-20-110614	11/6/2014	0.014	J		0.0014	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0074	J		0.0076	J	
		VMP-43-20-021215	2/12/2015	0.015	J		0.00095	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0039	J	
		VMP-43-20-021215-DUP	2/12/2015	0.01	J		0.00083	J		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-43-20-050515	5/5/2015	0.022	J		0.00067	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.008	J	
		VMP-43-20-072115	7/21/2015	0.025	J		<0.0054	J	U	0.0024	J		<0.017	U		<0.065	U		<0.0037	U		<0.016	U		0.012	J	
		VMP-43-20-102915	10/29/2015	0.026	J		<0.0038	J	U	<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		0.011	J	
		VMP-43-20-102915-DUP	10/29/2015	0.02	J		<0.0038	J	U	<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.012	J	
		VMP-43-20-020116	2/1/2016	0.024	J		0.0014	J		<0.014	U		<0.022	U		<0.082	U		<0.0047	U		0.007	J		0.0048	J	
		VMP-43-20-042716	4/27/2016	0.011	J		0.002	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-43-20-072716	7/27/2016	0.024	J		0.0024	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.0043	J		0.0039	J	
		VMP-43-20-102616	10/26/2016	0.017	J		0.00097	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
	30 ft	VMP-43-30-042312	4/23/2012	0.05	J		0.84			<0.059	U		<0.09	U		<0.034	U		<0.019	U		0.13			0.02	J	
		VMP-43-30-071912	7/19/2012	0.064			0.063			<0.0064	U		<0.0099	U		<0.037	J	U	<0.0021	U		0.072	J	J	0.017		
		VMP-43-30-101812	10/18/2012	0.02	J		0.29			0.0018	J		<0.014	U		<0.054	U		<0.003	U		0.0087	J		<0.016	U	
		VMP-43-30-012413	1/24/2013	0.0055	J		0.012			<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.004	J		<0.016	U	
		VMP-43-30-043013	4/30/2013	0.025	J		<0.0049	J	U	0.015			<0.016	U		<0.059	U		<0.0034	U		0.012	J		0.018		
		VMP-43-30-080913	8/9/2013	0.026	J		0.0037	J		<0.01	U		<0.016	U		0.0042	J		<0.0033	U		0.013	J		0.021		
		VMP-43-30-102913	10/29/2013	0.016	J		0.0014	J		0.00082	J		<0.013	U		<0.048	U		<0.0027	U		0.014			0.0095	J	
		VMP-43-30-022714	2/27/2014	0.014	J		0.0047			0.028			<0.012	U		<0.046	J	U	<0.0026	U		0.0087	J		<0.014	U	
		VMP-43-30-022714-Dup	2/27/2014	0.013	J		0.0077			0.025			<0.012	U		<0.046	J	U	<0.0026	U		0.0089	J		<0.014	U	
		VMP-43-30-042214	4/22/2014	<0.033	J	U	0.0012	J		0.014			<0.014	U		<0.054	U		<0.003	U		0.31			0.0053	J	
		VMP-43-30-080614	8/6/2014	0.069			0.0038	J		<0.0098	U		<0.015	U		0.01	J		<0.0032	U		0.0086	J		0.024		
		VMP-43-30-050515	5/5/2015	0.023	J		0.0039	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		0.015			0.017	J	
		VMP-43-30-050515-DUP	5/5/2015	0.013	J		0.0022	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.011	J	
		VMP-43-30-072115	7/21/2015	0.026	J		<0.0043	J	U	0.0014	J		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0069	J	
		VMP-43-30-102915	10/29/2015	0.017	J		<0.0039	J	U	<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0034	J	
		VMP-43-30-020116	2/1/2016	0.029	J		0.00056	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0061	J	
		VMP-43-30-042716	4/27/2016	0.017	J		<0.005	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0024	J	
		VMP-43-30-042716-DUP	4/27/2016	0.016	J		0.0024	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0024	J	
		VMP-43-30-072716	7/27/2016	0.023	J		0.0011	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		0.0043	J	
		VMP-43-30-102616	10/26/2016	0.019	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-43-30-102616-Dup	10/26/2016	0.026	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0074	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	0.38	J		<1.5	U		<3.1	U		<4.7	U		<1.8	U		<1	U		110			<5.4	U	
		VMP-44-10-072012	7/20/2012	<1.4	U		4.2		J	<1	U		<1.6	U		<0.6	U		<0.34	U		26		J	<1.8	U	
		VMP-44-10-081012	8/10/2012	<0.87	U		3.3		J	<0.61	U		<0.94	U		<0.36	U		<0.2	U		18		J	<1.1	U	
		VMP-44-10-101212	10/12/2012	<2.7	U		1.1			<1.9	U		<2.9	U		<1.1	U		<0.62	U		<2.7	U		<3.3	U	
		VMP-44-10-012513	1/25/2013	<1.1	U		0.53			<0.77	U		<1.2	U		<0.45	U		<0.25	U		3.1			<1.4	U	
		VMP-44-10-042913	4/29/2013	<2.5	U		0.094	J		<0.71	U		<1.1	U		<4.1	U		<0.23	U		<1	U		<1.2	U	
		VMP-44-10-080213	8/2/2013	0.033	J		2.7			<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0052	J	
		VMP-44-10-082313-R	8/23/2013	0.056			<0.0049	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		0.26			<0.018	U	
		VMP-44-10-111113	11/11/2013	0.025	J		0.002	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.017			<0.015	U	
		VMP-44-10-022814	2/28/2014	0.0046	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0065	J		<0.014	U	
		VMP-44-10-043014	4/30/2014	0.07			0.0019	J		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0052	J	
		VMP-44-10-080614	8/6/2014	0.034	J		0.0011	J		<0.01	U		<0.016	U		<0.059	J	U	<0.0034	U		<0.014	U		0.0091	J	
		VMP-44-10-110414	11/4/2014	0.011	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0038	J	
		VMP-44-10-020415	2/4/2015	0.013	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.003	J	
		VMP-44-10-050115	5/1/2015	0.021	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.017		
		VMP-44-10-072415	7/24/2015	0.042			<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0079	J	
		VMP-44-10-102815	10/28/2015	0.022	J		0.0011	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0058	J	
		VMP-44-10-012516	1/25/2016	0.021	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0028	J		0.0061	J	
		VMP-44-10-042816	4/28/2016	0.012	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-44-10-072716	7/27/2016	0.038			<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0065	J	
		VMP-44-10-102716	10/27/2016	0.015	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
	20 ft	VMP-44-20-041912	4/19/2012	0.53	J		4.1			<0.67	U		<1	U		<0.39	U		<0.22	U		130			<1.2	U	
		VMP-44-20-072512	7/25/2012	<1.6	U		3		J	<1.1	U		<1.8	U		<0.67	U		<0.38	U		75		J	<2	U	
		VMP-44-20-101212	10/12/2012	<5.4	U		1.5	J		<3.8	U		<5.9	U		<2.2	U		<1.3	U		9.4			<6.7	U	
		VMP-44-20-012513	1/25/2013	<0.4	U		0.065	J		<0.28	U		<0.43	U		<0.16	U		<0.092	U		0.46			<0.49	U	
		VMP-44-20-042913	4/29/2013	0.18	J		0.064	J		<0.32	U		<0.49	U		<1.8	U		<0.1	U		<0.45	U		<0.56	U	
		VMP-44-20-081313	8/13/2013	0.13			0.0021	J		<0.02	U		<0.031	U		<0.11	U		<0.0065	U	UJ	<0.028	U		0.02	J	
		VMP-44-20-111113	11/11/2013	0.018	J		0.0014	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0065	J	
		VMP-44-20-022814	2/28/2014	0.01	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		0.008	J		<0.016	U	
		VMP-44-20-043014	4/30/2014	0.022	J		<0.0075	U		<0.016	U		<0.024	U		<0.091	U		<0.0052	U		<0.022	U		0.0062	J	
		VMP-44-20-080614	8/6/2014	0.051			0.0017	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0099	J	
		VMP-44-20-110414	11/4/2014	0.014	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0037	J	
		VMP-44-20-020415	2/4/2015	0.014	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0029	J	
		VMP-44-20-051115	5/11/2015	0.014	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0041	J	
		VMP-44-20-072415	7/24/2015	0.033			0.002	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0089	J	
		VMP-44-20-102815	10/28/2015	0.024	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0066	J	
		VMP-44-20-020216-R	2/2/2016	0.02	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.007	J	
		VMP-44-20-042816	4/28/2016	0.03	J		<0.0051	U		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		0.0064	J		0.0062	J	
		VMP-44-20-072716	7/27/2016	0.013	J		0.0012	J		<0.011	U		<0.017	U		<0.063	U		<0.0036	U		<0.016	U		<0.019	U	
		VMP-44-20-102716	10/27/2016	0.023	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
	30 ft	VMP-44-30-041912	4/19/2012	0.53	J		32			<0.39	U		<0.6	U		<0.23	U		<0.13	U		77			<0.69	U	
		VMP-44-30-072512	7/25/2012	0.072	J		14			<0.066	U		<0.1	U		<0.038	U		<0.022	U		7.4			0.012	J	
		VMP-44-30-072512-Dup	7/25/2012	0.06	J		14			<0.066	U		<0.1	U		<0.038	U		<0.022	U		7.3			0.016	J	
		VMP-44-30-101512	10/15/2012	<1.4	U		4			<0.4	U		<0.62	U		<2.3	U		<0.13	U		7			<0.71	U	
		VMP-44-30-101512-Dup	10/15/2012	<1.3	U		3.9			<0.38	U		<0.58	U		<2.2	U		<0.12	U		6.9			<0.67	U	
		VMP-44-30-012513	1/25/2013	15		J	0.037	J	J	<0.097	U	UJ	<0.15	U	UJ	<0.056	U	UJ	<0.032	U	UJ	0.042	J	J	<0.17	U	UJ
		VMP-44-30-043013	4/30/2013	0.035	J		0.96			<0.034	U		<0.053	U		<0.2	U		<0.011	U		1.6			<0.061	U	
		VMP-44-30-081313	8/13/2013	0.04			0.012			<0.0095	U		<0.015	U		<0.055	U		<0.0032	U	UJ	0.0075	J		0.019		
		VMP-44-30-111113	11/11/2013	0.03	J		0.0051			<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.02		
		VMP-44-30-022814	2/28/2014	0.015	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0046	J		0.012	J	
		VMP-44-30-043014	4/30/2014	0.025	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0058	J	
		VMP-44-30-080614	8/6/2014	0.083			<0.0043	U		<0.009	U		<0.014	U		<0.052	J	U	<0.003	U		<0.013	U		0.011	J	
		VMP-44-30-110414	11/4/2014	0.0077	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-44-30-020415	2/4/2015	0.0048	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.002	J	
		VMP-44-30-051115	5/11/2015	0.018	J		0.0012	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0044	J	
		VMP-44-30-072415	7/24/2015	0.04			0.0029	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0045	J	
		VMP-44-30-102815	10/28/2015	0.032	J		0.00079	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.011	J	
		VMP-44-30-012516	1/25/2016	0.026	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.005	J	
		VMP-44-30-050516	5/5/2016	0.01	J		<0.0056	U		<0.012	U		<0.018	U		<0.068	U		<0.0038	U		<0.016	U		<0.02	U	
		VMP-44-30-072716	7/27/2016	0.054			0.00094	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		0.01	J	
		VMP-44-30-102716	10/27/2016	0.027	J		0.001	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0048	J		0.006	J	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	0.029			0.052			<0.0061	U		<0.0094	U		<0.036	U		<0.002	U		<0.0087	U		0.023		
		VMP-45-10-071912	7/19/2012	0.047			0.005			<0.0063	U		<0.0097	U		<0.036	U		<0.0021	U		(ppbV)	J	J	0.042		
		VMP-45-10-101512	10/15/2012	0.015	J		0.0036	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-45-10-013013	1/30/2013	0.018	J		0.016			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.005	J		<0.015	U	
		VMP-45-10-042913	4/29/2013	0.02	J		<0.0046	J	U	<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-45-10-080513	8/5/2013	0.016	J		0.0068			<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-45-10-102913	10/29/2013	0.21			0.00064	J		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		0.0011	J		0.0039	J	
		VMP-45-10-020714	2/7/2014	<0.03	U		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-45-10-042214	4/22/2014	<0.03	J	U	<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0038	J	
		VMP-45-10-080114	8/1/2014	0.032	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0072	J	
		VMP-45-10-102414	10/24/2014	0.018	J	J	0.001	J		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0022	J	
		VMP-45-10-020615	2/6/2015	0.0078	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-45-10-051215	5/12/2015	0.058			<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.02			0.0067	J	
		VMP-45-10-072115	7/21/2015	0.032			0.021			<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.051			0.0072	J	
		VMP-45-10-102815	10/28/2015	<0.033	J	U	<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-45-10-030916-R	3/9/2016	<0.032	J	U	<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-45-10-042816	4/28/2016	0.013	J		0.0024	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.004	J	
		VMP-45-10-082616	8/26/2016	0.083			0.0018	J		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		0.013			0.0099	J	
		VMP-45-10-102816	10/28/2016	0.012	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
	20 ft	VMP-45-20-041912	4/19/2012	0.072	J		0.63			<0.38	U		<0.59	U		<0.22	U		<0.13	U		0.72			<0.67	U	
		VMP-45-20-071912	7/19/2012	0.47			0.018	J		<0.12	U		<0.18	U		<0.69	U		<0.039	U		0.21	J	J	0.032	J	
		VMP-45-20-101512	10/15/2012	0.016	J		0.0053			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.048			<0.016	U	
		VMP-45-20-013013	1/30/2013	0.024	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.021			0.0036	J	
		VMP-45-20-042913	4/29/2013	0.02	J		0.013			<0.01	U		<0.016	U		<0.059	U		<0.0034	U		0.011	J		0.005	J	
		VMP-45-20-042913-Dup	4/29/2013	0.022	J		0.016			<0.01	U		<0.015	U		<0.058	U		<0.0033	U		0.016			0.0062	J	
		VMP-45-20-080513	8/5/2013	0.016	J		0.0018	J		<0.01	U		<0.016	U		<0.059	U		<0.0033	U		<0.014	U		0.0048	J	
		VMP-45-20-102913	10/29/2013	0.014	J		0.00065	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		0.0059	J		0.0085	J	
		VMP-45-20-020714	2/7/2014	0.0062	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-45-20-042214	4/22/2014	<0.031	J	U	0.0022	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0053	J		<0.016	U	
		VMP-45-20-080114	8/1/2014	0.024	J		0.0017	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0063	J	
		VMP-45-20-102414	10/24/2014	0.043	J	J	0.001	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0046	J		0.0036	J	
		VMP-45-20-020615	2/6/2015	0.0047	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-45-20-042915	4/29/2015	0.011	J		0.0028	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.006	J	
		VMP-45-20-072115	7/21/2015	0.033	J		0.0016	J		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.0072	J	
		VMP-45-20-102815	10/28/2015	0.026	J		<0.0039	J	U	<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.006	J	
		VMP-45-20-012516	1/25/2016	0.017	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0034	J	
		VMP-45-20-042816	4/28/2016	0.013	J		0.0021	J		<0.0071	U		<0.011	U		<0.041	U		<0.0024	U		<0.01	U		0.009	J	
		VMP-45-20-072716	7/27/2016	0.021	J		0.00093	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0041	J	
		VMP-45-20-102816	10/28/2016	0.011	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
	30 ft	VMP-45-30-041912	4/19/2012	0.078	J	J	<0.12	U		<0.26	U		<0.39	U		<0.15	U		<0.084	U		4.9		J	<0.45	U	
		VMP-45-30-071912	7/19/2012	<0.091	U		<0.03	U		<0.064	U		<0.099	U		<0.037	U		<0.021	U		0.08	J		<0.11	U	
		VMP-45-30-101512	10/15/2012	0.025	J		0.0052			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.034			0.0064	J	
		VMP-45-30-101512-Dup	10/15/2012	0.013	J		0.0051			<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.04			<0.016	U	
		VMP-45-30-013013	1/30/2013	0.052	J		0.0058	J		<0.016	U		<0.025	U		<0.094	U		<0.0054	U		0.011	J		<0.028	U	
		VMP-45-30-042913	4/29/2013	0.027	J		0.0062	J		<0.02	U		<0.03	U		<0.11	U		<0.0065	U		<0.028	U		<0.035	U	
		VMP-45-30-080513	8/5/2013	0.071	J		0.03			<0.04	U		<0.062	U		<0.23	U		<0.013	U		<0.057	U		<0.071	U	
		VMP-45-30-102913	10/29/2013	<0.033	U		0.0078			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.021			0.0082	J	
		VMP-45-30-020714	2/7/2014	0.0063	J		0.0041			<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-45-30-042214	4/22/2014	0.026	J		0.0056			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0092	J		0.0055	J	
		VMP-45-30-080114	8/1/2014	0.029	J		0.0024	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.014			0.0036	J	
		VMP-45-30-102414	10/24/2014	0.022	J	J	0.0016	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0055	J		0.0048	J	
		VMP-45-30-111214-R	11/12/2014	0.0076	J		0.0031	J		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		0.0045	J		<0.014	U	
		VMP-45-30-020615	2/6/2015	0.0095	J		0.0022	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0077	J		<0.016	U	
		VMP-45-30-020615-DUP	2/6/2015	0.0081	J		0.0022	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0068	J		<0.015	U	
		VMP-45-30-042915	4/29/2015	0.013	J		0.0019	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.0026	J		0.004	J	
		VMP-45-30-072115	7/21/2015	0.037			0.003	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0096	J	
		VMP-45-30-072115-DUP	7/21/2015	0.05			0.003	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0067	J	
		VMP-45-30-102815	10/28/2015	0.029			<0.0038	J	U	<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.008	J	
		VMP-45-30-012516	1/25/2016	0.026	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0079	J		0.0037	J	
		VMP-45-30-042816	4/28/2016	0.012	J		0.0027	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0038	J	
		VMP-45-30-042816-DUP	4/28/2016	0.014	J		0.00077	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0037	J	
		VMP-45-30-072716	7/27/2016	0.044			0.0019	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.011	J	
		VMP-45-30-102816	10/28/2016	0.021	J		<0.0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.0048	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	0.026	J		0.0018	J		<0.0097	U		<0.015	U		<0.056	J	U	<0.0032	U		0.058			0.0059	J	
		VMP-47-5-012313-R	1/23/2013	<46	U		<15	U		<32	U		<50	U		<19	U		<11	U		4900			<57	U	
		VMP-47-5-060513	6/5/2013	4.4	J		6.3	J		<21	U		<32	U		<12	U		<6.9	U		2300			<37	U	
		VMP-47-5-072613	7/26/2013	0.021	J		0.0011	J		0.0052	J		<0.014	U		<0.051	U		0.0027	J		0.1			0.0064	J	
		VMP-47-5-110813	11/8/2013	0.03	J		<0.029	U		<0.061	U		<0.094	U		<0.35	U		<0.02	U		0.04	J		<0.11	U	
		VMP-47-5-021814	2/18/2014	<0.031	U		0.0017	J		0.0032	J		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-47-5-042914	4/29/2014	<0.031	U		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-47-5-081314	8/13/2014	41	E	J	3.2			<0.021	U		<0.032	U		0.028	J		<0.0068	U	UJ	0.96			12	E	J
		VMP-47-5-093014-R	9/30/2014	0.024	J		0.0009	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.021			0.0042	J	
		VMP-47-5-102814	10/28/2014	0.011	J		<0.0049	U		<0.01	J	U	<0.016	U		<0.06	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-47-5-020215	2/2/2015	0.0072	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-47-5-042815	4/28/2015	0.012	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-47-5-072115	7/21/2015	0.05			0.0015	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0071	J	
		VMP-47-5-102715	10/27/2015	<0.036	J	U	<0.0048	J	U	<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0024	J	
		VMP-47-5-012916	1/29/2016	0.015	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0029	J	
		VMP-47-5-042516	4/25/2016	<0.035	J	U	0.002	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-47-5-072516	7/25/2016	0.016	J		<0.0045	U		0.0085	J		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-47-5-102616	10/26/2016	0.031	J		0.0014	J		0.0018	J		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0062	J	
	10 ft	VMP-47-10-012113	1/21/2013	0.0084	J		0.0051			<0.0092	U		<0.014	U		<0.054	J	U	<0.003	U		0.007	J		<0.016	U	
		VMP-47-10-012313-R	1/23/2013	<1.1	U		0.11	J		<0.81	U		<1.2	U		<0.47	U		<0.27	U		460			<1.4	U	
		VMP-47-10-060513	6/5/2013	<27	U		<9.2	U		<19	U		<30	U		<11	U		<6.4	U		2100			<34	U	
		VMP-47-10-072613	7/26/2013	7	J		<4.3	U		<9	U		<14	U		<52	U		<3	U		290			<16	U	
		VMP-47-10-110813	11/8/2013	0.063	J		<0.018	U		<0.037	U		<0.057	U		<0.22	U		<0.012	U		<0.053	U		<0.065	U	
		VMP-47-10-021814	2/18/2014	<0.03	U		<0.004	U		0.0025	J		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-47-10-042914	4/29/2014	0.014	J		0.00086	J		0.0043	J		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0077	J	
		VMP-47-10-073114	7/31/2014	0.046			<0.0041	U		0.0052	J		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.012	J	
		VMP-47-10-102814	10/28/2014	0.013	J		<0.0034	U		0.0048	J		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0052	J	
		VMP-47-10-020215	2/2/2015	0.0046	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-47-10-042815	4/28/2015	0.011	J		<0.0048	U		0.0059	J		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.007	J	
		VMP-47-10-072115	7/21/2015	0.024	J		<0.005	U		0.017			<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0039	J	
		VMP-47-10-102715	10/27/2015	0.034			<0.0045	J	U	0.0029	J		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.012	J	
		VMP-47-10-012916	1/29/2016	0.0081	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0019	J	
		VMP-47-10-042516	4/25/2016	<0.035	J	U	<0.0048	U		0.011			<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-47-10-080216	8/2/2016	0.026	J		<0.0036	U		0.014			<0.012	U		<0.043	U		<0.0025	U		<0.011	U		0.0046	J	
		VMP-47-10-102616	10/26/2016	0.014	J		<0.0037	U		0.017			<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
	20 ft	VMP-47-20-012113	1/21/2013	<12	U		<4	U		<8.4	U		<13	U		<4.9	U		<2.8	U		1200			<15	U	
		VMP-47-20-012313-R	1/23/2013	<28	U		<9.5	U		<20	U		<31	U		<12	U		<6.6	U		4100			<35	U	
		VMP-47-20-060513	6/5/2013	<28	U		<9.3	U		<19	U		<30	U		<11	U		<6.4	U		2500			<34	U	
		VMP-47-20-060513-Dup	6/5/2013	<26	U		<8.7	U		<18	U		<28	U		<11	U		<6	U		2400			<32	U	
		VMP-47-20-072613	7/26/2013	14	J		<8	U		<17	U		<26	U		<98	U		<5.6	U		880			<30	U	
		VMP-47-20-110813	11/8/2013	0.015	J		0.0012	J		0.0024	J		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0045	J	
		VMP-47-20-021914	2/19/2014	0.0058	J		<0.004	U		0.0035	J		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-47-20-042914	4/29/2014	<0.031	U		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-47-20-073114	7/31/2014	0.016	J		0.00096	J		0.0045	J		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0019	J	
		VMP-47-20-102814	10/28/2014	0.014	J		<0.0048	U		0.0033	J		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0042	J	
		VMP-47-20-020215	2/2/2015	0.012	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0017	J	
		VMP-47-20-042815	4/28/2015	0.012	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-47-20-072115	7/21/2015	0.03	J		0.028			0.0076	J		<0.016	U		<0.059	U		<0.0034	U		0.034			0.0065	J	
		VMP-47-20-102715	10/27/2015	0.019	J		<0.004	J	U	<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0064	J	
		VMP-47-20-012916	1/29/2016	0.014	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.014			0.0035	J	
		VMP-47-20-042516	4/25/2016	0.015	J		0.0013	J		0.0025	J		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-47-20-072516	7/25/2016	0.025	J		<0.0046	U		0.0052	J		<0.015	U		<0.056	U		<0.0032	U		0.0074	J		<0.017	U	
		VMP-47-20-102616	10/26/2016	0.012	J		<0.004	U		0.0018	J		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	30 ft	VMP-47-30-012113	1/21/2013	<8.7	U		<2.9	U		<6.2	U		<9.5	U		<3.6	U		<2	U		1300			<11	U	
		VMP-47-30-012313-R	1/23/2013	<45	U		<15	U		<32	U		<49	U		<18	U		<10	U		4800			<56	U	
		VMP-47-30-060513	6/5/2013	<28	U		<9.3	U		<20	U		<30	U		<11	U		<6.4	U		2200			<34	U	
		VMP-47-30-072613	7/26/2013	42	J		<17	U		<36	U		<55	U		<200	U		<12	U		2900			<62	U	
		VMP-47-30-110813	11/8/2013	0.048	J		<0.041	U		<0.086	U		<0.13	U		<0.5	U		<0.028	U		<0.12	U		<0.15	U	
		VMP-47-30-021914	2/19/2014	0.008	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.007	J	
		VMP-47-30-042914	4/29/2014	<0.032	U		<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-47-30-042914-Dup	4/29/2014	<0.032	U		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-47-30-073114	7/31/2014	0.012	J		<0.0042	U		0.0023	J		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.0041	J	
		VMP-47-30-073114-Dup	7/31/2014	0.012	J		<0.0049	U		0.0034	J		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0024	J	
		VMP-47-30-102814	10/28/2014	0.014	J		0.0031	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.0089	J		0.0065	J	
		VMP-47-30-102814-DUP	10/28/2014	0.0092	J		0.0026	J		0.0039	J		<0.014	U		<0.055	U		<0.0031	U		0.014			0.0042	J	
		VMP-47-30-020215	2/2/2015	0.011	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0042	J	
		VMP-47-30-020215-DUP	2/2/2015	0.014	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0049	J	
		VMP-47-30-042815	4/28/2015	0.017	J		<0.0038	U		0.002	J		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-47-30-042815-DUP	4/28/2015	0.026	J		<0.0046	U		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		<0.014	U		0.0098	J	
		VMP-47-30-072115	7/21/2015	0.047			0.0034	J		0.0058	J		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.012	J	
		VMP-47-30-102715	10/27/2015	0.026	J		<0.0036	J	U	<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.011	J	
		VMP-47-30-102715-DUP	10/27/2015	0.022	J		<0.0039	J	U	<0.0082	J	U	<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.01	J	
		VMP-47-30-012916-DUP	1/29/2016	0.011	J		0.002	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		0.0085	J		0.0022	J	
		VMP-47-30-042516	4/25/2016	0.044			0.0047			0.0055	J		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.01	J	
		VMP-47-30-042516-DUP	4/25/2016	0.039	J		0.0022	J		0.0054	J		<0.017	U		<0.065	U		<0.0037	U		<0.016	U		0.0092	J	
		VMP-47-30-072516	7/25/2016	<0.034	U		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-47-30-102616	10/26/2016	0.026	J		0.0016	J		0.006	J		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0092	J	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	0.01	J		0.0048			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.012	J		<0.015	U	
		VMP-48-5-050313	5/3/2013	0.012	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0048	J		<0.016	U	
		VMP-48-5-080613	8/6/2013	0.02	J		0.0071			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0089	J	
		VMP-48-5-110513	11/5/2013	0.012	J		0.0021	J		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		0.0028	J		0.0027	J	
		VMP-48-5-022814	2/28/2014	0.016	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-48-5-042814	4/28/2014	<0.031	U		<0.0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-48-5-080114	8/1/2014	0.023	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0022	J	
		VMP-48-05-102914	10/29/2014	0.012	J		<0.0045	J	U	<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-48-5-020215	2/2/2015	0.025	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0042	J	
		VMP-48-5-042815	4/28/2015	0.02	J		0.0049			<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.03		
		VMP-48-5-072115	7/21/2015	0.014	J		<0.0048	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0023	J	
		VMP-48-5-102015	10/20/2015	0.018	J		0.0014	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0041	J	
		VMP-48-5-012916	1/29/2016	0.016	J		<0.005	U		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		0.0023	J	
		VMP-48-5-042516	4/25/2016	0.012	J		0.0014	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-48-5-072516	7/25/2016	0.028	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-48-5-102616	10/26/2016	0.02	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0047	J	
	10 ft	VMP-48-10-020113	2/1/2013	0.01	J		0.0087			<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-48-10-050813	5/8/2013	0.016	J		0.011			<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.01	J		<0.017	U	
		VMP-48-10-080613	8/6/2013	0.066			0.025			<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.0053	J		0.0065	J	
		VMP-48-10-103113	10/31/2013	0.049			0.00073	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0038	J		0.0073	J	
		VMP-48-10-021814	2/18/2014	0.0085	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-48-10-042814	4/28/2014	<0.029	U		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
		VMP-48-10-080114	8/1/2014	0.009	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-48-10-102914	10/29/2014	0.0084	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.0056	J		<0.014	U	
		VMP-48-10-020215	2/2/2015	0.0065	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-48-10-042815	4/28/2015	0.016	J		0.0017	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.0039	J		0.021		
		VMP-48-10-042815-DUP	4/28/2015	0.047			0.002	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0029	J		0.022		
		VMP-48-10-072115	7/21/2015	0.014	J		0.002	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.0046	J		0.0026	J	
		VMP-48-10-102015	10/20/2015	<0.032	J	U	0.0015	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.0067	J		0.0033	J	
		VMP-48-10-012916	1/29/2016	0.013	J		0.00047	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-48-10-042516	4/25/2016	0.012	J		0.0036	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0049	J		<0.016	U	
		VMP-48-10-072516	7/25/2016	0.018	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-48-10-102616	10/26/2016	0.0069	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	20 ft	VMP-48-20-020113	2/1/2013	0.013	J		0.002	J		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		0.092			0.0026	J	
		VMP-48-20-103113	10/31/2013	0.013	J		0.0013	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0037	J	
		VMP-48-20-021814	2/18/2014	0.014	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-48-20-042814	4/28/2014	<0.034	U		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-48-20-080114	8/1/2014	<0.028	J	U	<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-48-20-102914	10/29/2014	0.03	J	J	0.0025	J	J	<0.0093	U	UJ	<0.014	U	UJ	<0.054	U	UJ	<0.0031	U	UJ	<0.013	U	UJ	0.0062	J	J
		VMP-48-20-111814-R	11/18/2014	<0.031	U		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-48-20-020215	2/2/2015	0.0077	J		<0.0036	U		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		<0.013	U	
		VMP-48-20-042815	4/28/2015	0.021	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.002	J		0.0064	J	
		VMP-48-20-102015	10/20/2015	0.028	J		0.0025	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0068	J		0.0084	J	
		VMP-48-20-042516	4/25/2016	0.017	J		0.0012	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-48-20-102616	10/26/2016	0.023	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0064	J	

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Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-48	30 ft	VMP-48-30-020113	2/1/2013	0.0059	J	J	0.097			<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		0.3			<0.015	U	
		VMP-48-30-020113-DUP	2/1/2013	<0.12	U	UJ	0.12			<0.035	U		<0.054	U		<0.2	U		<0.012	U		0.36			<0.061	U	
		VMP-48-30-050313	5/3/2013	0.0083	J		0.0022	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.23			<0.014	U	
		VMP-48-30-080613	8/6/2013	0.11			0.013			<0.0093	U		<0.014	U		<0.054	U		0.0011	J		0.15			0.016	J	
		VMP-48-30-110513	11/5/2013	0.008	J		0.00042	J		0.00061	J		<0.013	U		<0.047	U		<0.0027	U		0.072			0.0033	J	
		VMP-48-30-021814	2/18/2014	0.0044	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.077			<0.016	U	
		VMP-48-30-042814	4/28/2014	<0.033	U		0.0054			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.026			<0.016	U	
		VMP-48-30-042814-DUP	4/28/2014	<0.031	U		0.0057			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.019			<0.016	U	
		VMP-48-30-080114	8/1/2014	0.025	J		0.0012	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.028			0.005	J	
		VMP-48-30-080114-Dup	8/1/2014	0.0098	J		0.001	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		0.03			<0.015	U	
		VMP-48-30-102914	10/29/2014	0.044		J	0.0053		J	<0.0094	U	UJ	<0.014	U	UJ	<0.054	U	UJ	<0.0031	U	UJ	0.013	J	J	0.015	J	J
		VMP-48-30-111814-R	11/18/2014	<0.033	U		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.021			<0.016	U	
		VMP-48-30-020215	2/2/2015	0.0073	J		0.00095	J		<0.0067	U		<0.01	U		<0.039	U		<0.0022	U		0.0094	J		0.0015	J	
		VMP-48-30-042815	4/28/2015	0.01	J		0.0032	J		0.0035	J		0.0067	J		<0.057	U		<0.0033	U		<0.014	U		0.0053	J	
		VMP-48-30-080315	8/3/2015	0.021	J		0.0047			<0.0098	U		<0.015	U		<0.057	U		<0.0032	U	UJ	<0.014	U	UJ	0.012	J	
		VMP-48-30-102015	10/20/2015	<0.032	J	U	0.0025	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.013			0.0042	J	
		VMP-48-30-102015-DUP	10/20/2015	0.018	J		0.0024	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.016			0.0064	J	
		VMP-48-30-012916	1/29/2016	0.025	J		0.00087	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0047	J	
		VMP-48-30-042516	4/25/2016	0.014	J		0.0045	J		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		0.022			<0.019	U	
		VMP-48-30-042516-DUP	4/25/2016	0.011	J		0.005			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.014			<0.016	U	
		VMP-48-30-072516	7/25/2016	0.061			0.0011	J		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.016		
		VMP-48-30-102616	10/26/2016	0.044			0.0028	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.015			0.0061	J	
		VMP-48-30-102616-Dup	10/26/2016	0.0056	J		0.00093	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	0.027	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0055	J	
		VMP-49-5-050713	5/7/2013	0.0095	J		0.00093	J		<0.011	U		<0.017	U		<0.062	U		<0.0036	U		0.008	J		<0.019	U	
		VMP-49-5-080613	8/6/2013	0.03	J		0.0064			<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.033		
		VMP-49-5-111113	11/11/2013	0.019	J		0.0011	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.013	J	
		VMP-49-5-021814	2/18/2014	<0.033	U		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-49-5-042814	4/28/2014	<0.034	U		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-49-5-080114	8/1/2014	0.01	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0022	J	
		VMP-49-5-102914	10/29/2014	0.019	J		<0.004	J	U	<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0037	J	
		VMP-49-5-102914-DUP	10/29/2014	0.022	J		<0.0043	J	U	<0.0089	U		<0.014	U		<0.052	U		<0.003	U		0.007	J		0.0056	J	
		VMP-49-5-020215	2/3/2015	<0.033	U		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-49-5-042815	4/28/2015	0.0076	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0015	J	
		VMP-49-5-073015	7/30/2015	0.023	J		<0.0044	J	U	<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0081	J	
		VMP-49-5-110315	11/3/2015	0.017	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0053	J	
		VMP-49-5-020116	2/1/2016	<0.034	J	U	0.0011	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		0.0073	J		<0.017	U	
		VMP-49-5-042616	4/26/2016	0.03	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-49-5-080116	8/1/2016	0.035			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.025			0.0057	J	
		VMP-49-5-102716	10/27/2016	0.01	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
	10 ft	VMP-49-10-020113	2/1/2013	0.0084	J		0.033			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0048	J		<0.016	U	
		VMP-49-10-050713	5/7/2013	0.023	J		0.023		J	<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0044	J	
		VMP-49-10-050713-Dup	5/7/2013	0.014	J		0.0066		J	<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-49-10-080613	8/6/2013	0.016	J		0.0052			<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0048	J	
		VMP-49-10-103113	10/31/2013	0.027	J		0.00057	J		0.00049	J		<0.015	U		0.0017	J		<0.0031	U		0.0012	J		0.064		
		VMP-49-10-021814	2/18/2014	0.032			0.0052			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0075	J	
		VMP-49-10-042814	4/28/2014	<0.033	U		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-49-10-080114	8/1/2014	0.026	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.0066	J	
		VMP-49-10-102914	10/29/2014	0.013	J		0.0013	J		<0.0096	U		<0.015	U		<0.056	J	U	<0.0032	U		<0.014	U		<0.017	U	
		VMP-49-10-020215	2/3/2015	0.0064	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-49-10-042815	4/28/2015	0.016	J		<0.0059	U		<0.012	U		<0.019	U		<0.072	U		<0.0041	U		<0.018	U		0.0056	J	
		VMP-49-10-073015	7/30/2015	0.042			<0.0048	J	U	<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0088	J	
		VMP-49-10-110315	11/3/2015	0.024	J		<0.0046	U		<0.0097	U		<0.015	U		0.0036	J		<0.0032	U		0.0084	J		0.0069	J	
		VMP-49-10-020116	2/1/2016	<0.034	J	U	<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0061	J		<0.017	U	
		VMP-49-10-042616	4/26/2016	0.026	J		0.0025	J		<0.011	U		<0.017	U		<0.062	U		<0.0036	U		<0.015	U		<0.019	U	
		VMP-49-10-080116	8/1/2016	0.016	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-49-10-102716	10/27/2016	0.02	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		0.0072	J		<0.016	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	20 ft	VMP-49-20-020113	2/1/2013	0.014	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0078	J		<0.015	U	
		VMP-49-20-050913	5/9/2013	0.018	J		0.002	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.022			<0.017	U	
		VMP-49-20-080613	8/6/2013	0.014	J		0.0034	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		<0.018	U	
		VMP-49-20-080613-Dup	8/6/2013	0.023	J		0.0038	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-49-20-111113	11/11/2013	0.04			0.0011	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-49-20-021814	2/18/2014	0.0059	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-49-20-042814	4/28/2014	<0.032	U		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-49-20-080114	8/1/2014	0.013	J		<0.0046	U		<0.0095	U		<0.015	U		<0.055	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-49-20-102914	10/29/2014	0.01	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-49-20-020215	2/3/2015	0.0067	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-49-20-073015	7/30/2015	0.016	J		0.0015	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0034	J	
		VMP-49-20-110315	11/3/2015	0.014	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.012			0.0062	J	
		VMP-49-20-020116	2/1/2016	<0.031	J	U	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-49-20-042616	4/26/2016	0.0077	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-49-20-080116	8/1/2016	0.023	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-49-20-102716	10/27/2016	0.03	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.01	J	
	30 ft	VMP-49-30-020113	2/1/2013	1	J		0.4			<0.41	U		<0.64	U		<2.4	U		<0.14	U		6.5			<0.72	U	
		VMP-49-30-050813	5/8/2013	4.4		J	<0.41	U		<0.87	U		<1.3	U		<5	U		<0.29	U		15			<1.5	U	
		VMP-49-30-080613	8/6/2013	<1.2	U		0.16	J		<0.84	U		<1.3	U		<0.49	U		<0.28	U		5			<1.5	U	
		VMP-49-30-111113	11/11/2013	<0.98	U		<0.13	U		<0.28	U		<0.43	U		<1.6	U		<0.092	U		0.27	J		<0.49	U	
		VMP-49-30-021814	2/18/2014	0.0091	J		0.0011	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-49-30-021814-Dup	2/18/2014	0.0056	J		0.0015	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-49-30-042814	4/28/2014	<0.033	U		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-49-30-080114	8/1/2014	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0021	J	
		VMP-49-30-102914	10/29/2014	0.029	J		0.0034	J		<0.0093	U		<0.014	U		<0.054	J	U	<0.0031	U		<0.013	U		0.0044	J	
		VMP-49-30-020215	2/3/2015	0.0093	J		<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-49-30-042815	4/28/2015	0.02	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-49-30-073015	7/30/2015	<1.8	U		0.17	J		<1.2	U		<1.9	U		<0.73	U		<0.41	U		470			<2.2	U	
		VMP-49-30-073015-DUP	7/30/2015	<1.7	U		0.23	J		<1.2	U		<1.9	U		<0.71	U		<0.4	U		470			<2.1	U	
		VMP-49-30-110315	11/3/2015	0.011	J		0.0012	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0094	J		0.0037	J	
		VMP-49-30-110315-DUP	11/3/2015	0.016	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0055	J	
		VMP-49-30-020116	2/1/2016	0.015	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-49-30-020116-DUP	2/1/2016	<0.031	J	U	0.0012	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-49-30-042716	4/27/2016	0.011	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.0096	J		<0.016	U	
		VMP-49-30-042716-DUP	4/27/2016	0.027	J		0.001	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.011	J		0.0076	J	
		VMP-49-30-080116	8/1/2016	0.031	J		0.0053			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0056	J		0.0056	J	
		VMP-49-30-080116-DUP	8/1/2016	0.046			<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.05			0.009	J	
		VMP-49-30-102716	10/27/2016	0.02	J		<0.0047	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0077	J	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	0.007	J		0.0017	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.23			<0.015	U	
		VMP-50-5-050713	5/7/2013	0.0092	J		0.014			<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		<0.017	U	
		VMP-50-5-080713	8/7/2013	0.055			0.0038	J		<0.0092	U		<0.014	U		<0.053	J	U	<0.003	U		<0.013	U		0.0094	J	
		VMP-50-5-110713	11/7/2013	0.0089	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.0065	J		<0.016	U	
		VMP-50-5-022614	2/26/2014	0.01	J		0.003	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-50-5-043014	4/30/2014	0.015	J		0.0008	J		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0026	J	
		VMP-50-5-081414	8/14/2014	0.026	J		0.0015	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U	UJ	<0.014	U		0.0072	J	
		VMP-50-5-110614	11/6/2014	<0.03	U		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-50-5-021015	2/10/2015	0.029	J		0.024			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-50-5-050515	5/5/2015	0.014	J		0.032			<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0028	J	
		VMP-50-5-073015	7/30/2015	0.031	J		<0.0046	J	U	<0.0096	U		<0.015	U		<0.056	U		<0.0032	U	UJ	0.018		J	0.0058	J	
		VMP-50-5-110315	11/3/2015	0.015	J		<0.0036	U		<0.0077	U		<0.012	U		<0.044	U		<0.0025	U		0.011			0.0075	J	
		VMP-50-5-020216	2/2/2016	0.023	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0062	J	
		VMP-50-5-050316	5/3/2016	0.0089	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-50-5-080216	8/2/2016	0.051			0.0016	J		<0.012	U		<0.019	U		<0.07	U		<0.004	U		0.01	J		0.0081	J	
		VMP-50-5-103116	10/31/2016	0.018	J		0.0011	J		<0.015	U		<0.024	U		<0.088	U		<0.005	U		<0.022	U		<0.027	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-50	10 ft	VMP-50-10-020113	2/1/2013	0.0062	J		0.0026	J		0.0053	J		<0.014	U		<0.054	U		<0.003	U		0.058			<0.016	U	
		VMP-50-10-050713	5/7/2013	0.013	J		0.052			<0.01	U		<0.016	U		<0.059	U		<0.0033	U		<0.014	U		0.0031	J	
		VMP-50-10-080713	8/7/2013	0.024	J		0.0014	J		0.0019	J		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0065	J	
		VMP-50-10-080713-Dup	8/7/2013	0.024	J		0.0021	J		0.0017	J		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		0.0048	J	
		VMP-50-10-110713	11/7/2013	0.009	J		0.00087	J		0.0021	J		<0.013	U		<0.049	U		<0.0028	U		0.0072	J		<0.015	U	
		VMP-50-10-022614	2/26/2014	0.0096	J		<0.0037	U		<0.0078	J	U	<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-50-10-043014	4/30/2014	0.018	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0041	J	
		VMP-50-10-081414	8/14/2014	0.06			0.0014	J		0.0046	J		<0.016	U		<0.062	U		<0.0035	U	UJ	<0.015	U		0.018	J	
		VMP-50-10-110614	11/6/2014	0.0072	J		<0.0042	U		0.0019	J		<0.014	U		<0.051	U		<0.0029	U		0.0079	J		<0.016	U	
		VMP-50-10-021015	2/10/2015	0.006	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-50-10-050515	5/5/2015	0.0091	J		0.033			0.0033	J		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-50-10-073015	7/30/2015	0.022	J		<0.0048	J	U	0.0063	J		<0.016	U		<0.058	U		<0.0033	U	UJ	<0.014	U	UJ	0.0057	J	
		VMP-50-10-110315	11/3/2015	0.014	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0029	J	
		VMP-50-10-020216	2/2/2016	0.012	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		0.0025	J	
		VMP-50-10-050316	5/3/2016	0.017	J		<0.004	U		0.0048	J		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0034	J	
		VMP-50-10-082616	8/26/2016	0.021	J		<0.0041	U		0.021			<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0052	J	
		VMP-50-10-103116	10/31/2016	<0.031	U		<0.0042	U		0.024			<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
	20 ft	VMP-50-20-020113	2/1/2013	0.021	J		0.011	J		<0.036	U		<0.055	U		<0.21	U		<0.012	U		0.069			<0.063	U	
		VMP-50-20-050713	5/7/2013	<0.24	U		0.019	J		<0.069	U		<0.11	U		<0.4	U		<0.023	U		0.65			<0.12	U	
		VMP-50-20-080713	8/7/2013	0.062	J		0.0081	J		<0.034	U		<0.052	U		<0.19	U		<0.011	U		0.15			<0.059	U	
		VMP-50-20-110713	11/7/2013	0.011	J		0.0009	J		0.0027	J		<0.014	U		<0.053	U		<0.003	U		0.032			<0.016	U	
		VMP-50-20-110713-Dup	11/7/2013	0.012	J		0.00087	J		0.0023	J		<0.014	U		<0.054	U		<0.003	U		0.034			<0.016	U	
		VMP-50-20-022614	2/26/2014	0.12			<0.004	J	U	<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.022			0.0055	J	
		VMP-50-20-043014	4/30/2014	0.016	J		<0.0077	U		<0.016	U		<0.025	U		<0.094	U		<0.0053	U		0.017	J		<0.028	U	
		VMP-50-20-081414	8/14/2014	0.04			0.0021	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U	UJ	0.01	J		0.0077	J	
		VMP-50-20-110614	11/6/2014	0.24			<0.0037	U		0.0012	J		<0.012	U		<0.045	U		<0.0026	U		0.012			0.0081	J	
		VMP-50-20-021015	2/10/2015	0.011	J		<0.0038	U		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0026	J	
		VMP-50-20-050515	5/5/2015	0.0063	J		0.00068	J		0.0022	J		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-50-20-073015	7/30/2015	0.022	J		0.004	J		0.0032	J		<0.014	U		<0.054	U		<0.0031	U	UJ	<0.013	U	UJ	0.0088	J	
		VMP-50-20-110315	11/3/2015	0.02	J		0.14			0.0023	J		<0.014	U		<0.054	U		<0.003	U		0.0075	J		0.014	J	
		VMP-50-20-020216	2/2/2016	0.014	J		<0.0053	U		<0.011	U		<0.017	U		<0.065	U		<0.0037	U		<0.016	U		<0.02	U	
		VMP-50-20-050316	5/3/2016	0.0055	J		<0.0051	U		0.0015	J		<0.017	U		<0.062	U		<0.0036	U		<0.015	U		<0.019	U	
		VMP-50-20-082616	8/26/2016	0.024	J		0.00053	J		0.003	J		<0.014	U		<0.053	U		<0.003	U		0.012	J		0.0038	J	
		VMP-50-20-103116	10/31/2016	0.0066	J		<0.0045	U		0.0054	J		<0.014	U		<0.055	U		<0.0031	U		0.014			<0.017	U	
	30 ft	VMP-50-30-020113	2/1/2013	16	J		92			<8.7	U		<13	U		<50	U		<2.9	U		440			<15	U	
		VMP-50-30-050713	5/7/2013	56		J	100			<5.2	U		<8	U		<30	U		<1.7	U		320			<9.1	U	
		VMP-50-30-080713	8/7/2013	<13	U		550			<9.5	U		<15	U		<5.5	U		<3.1	U		650			<17	U	
		VMP-50-30-110713	11/7/2013	<2.2	U		64			<1.5	U		<2.4	U		<0.88	U		<0.5	U		110			<2.7	U	
		VMP-50-30-022614	2/26/2014	<2	U		27			<1.4	U		<2.2	U		<0.82	U		<0.46	U		91			<2.5	U	
		VMP-50-30-022614-Dup	2/26/2014	<1.8	U		26			<1.3	U		<2	U		<0.75	U		<0.43	U		85			<2.3	U	
		VMP-50-30-043014	4/30/2014	1.3	J		25			<4.2	U		<6.5	U		<24	U		<1.4	U		88			<7.4	U	
		VMP-50-30-043014-DUP	4/30/2014	2.7	J		27			<4.2	U		<6.4	U		<24	U		<1.4	U		88			0.95	J	
		VMP-50-30-081414	8/14/2014	<0.5	U		6			<0.35	U		<0.54	U		<0.2	U	UJ	<0.12	U	UJ	26			<0.62	U	
		VMP-50-30-081414-Dup	8/14/2014	<0.46	U		5.9			<0.32	U		<0.5	U		<0.19	U	UJ	<0.11	U	UJ	26			<0.57	U	
		VMP-50-30-110614	11/6/2014	<1.2	U		7.7			<0.83	U		<1.3	U		<0.48	U		<0.28	U		35			<1.5	U	
		VMP-50-30-110614-DUP	11/6/2014	<1.3	U		7.9			<0.94	U		<1.4	U		<0.55	U		<0.31	U		36			<1.7	U	
		VMP-50-30-021015	2/10/2015	2.3	J		7.7			<2.1	U		<3.2	U		<12	U		<0.69	U		58			<3.7	U	
		VMP-50-30-050515	5/5/2015	<2.8	U		4			<2	U		<3	U		<1.1	U		<0.65	U		28			<3.5	U	
		VMP-50-30-061515-R	6/15/2015	<1.3	U		3.6			<0.92	U		<1.4	U		<0.53	U		<0.3	U		24			<1.6	U	
		VMP-50-30-073015	7/30/2015	<1.9	U		2.2			<1.3	U		<2	U		<0.76	U		<0.44	U		14			<2.3	U	
		VMP-50-30-110315	11/3/2015	0.084	J		1			<0.09	U		<0.14	U		0.028	J	J	<0.03	U		15			<0.16	U	
		VMP-50-30-020216	2/2/2016	<3.9	U		0.81	J		<2.7	U		<4.2	U		<1.6	U	UJ	<0.9	U		15	J0	J	<4.8	U	
		VMP-50-30-020216-DUP	2/2/2016	<4.4	U		0.85	J		<3.1	U		<4.7	U		<1.8	U	UJ	<1	U		16	J0	J	<5.4	U	
		VMP-50-30-050316	5/3/2016	<0.46	U		0.35			<0.32	U		<0.5	U		<0.19	U		<0.1	U		6.2			<0.56	U	
		VMP-50-30-080216	8/2/2016	0.09	J		0.42			<0.095	U		<0.15	U		<0.22	U		<0.031	U		16			<0.17	U	
		VMP-50-30-103116	10/31/2016	0.074	J		0.21			<0.19	U		<0.29	U		<0.44	U		<0.062	U		26			<0.33	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	0.0077	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-51-5-050213	5/2/2013	0.028	J		0.00088	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.16			0.004	J	
		VMP-51-5-080713	8/7/2013	0.024	J		0.0046	J		<0.018	U		<0.028	U		<0.11	U		<0.0061	U		<0.026	U		<0.032	U	
		VMP-51-5-103013	10/30/2013	0.007	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0011	J	
		VMP-51-5-021814	2/18/2014	0.013	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-51-5-042814	4/28/2014	<0.035	U		<0.0048	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-51-5-080114	8/1/2014	0.032			<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0053	J	
		VMP-51-05-102914	10/29/2014	0.0093	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-51-5-020315	2/3/2015	<0.031	U		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-51-5-042915	4/29/2015	0.0077	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0071	J	
		VMP-51-5-072115	7/21/2015	0.039			<0.0042	J	U	<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.0075	J	
		VMP-51-5-102815	10/28/2015	0.086			0.0022	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.013	J	
		VMP-51-5-012516	1/25/2016	0.0094	J		0.0013	J		<0.0075	U		<0.012	U		<0.044	U		<0.0025	U		0.0032	J		0.0024	J	
		VMP-51-5-042816	4/28/2016	0.0089	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		<0.017	U	
		VMP-51-5-072716	7/27/2016	0.025	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.004	J	
		VMP-51-5-101916	10/19/2016	0.0062	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
	10 ft	VMP-51-10-020113	2/1/2013	0.0061	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-51-10-050213	5/2/2013	0.024	J		0.0012	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.065			<0.017	U	
		VMP-51-10-080713	8/7/2013	0.016	J		0.0026	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0065	J	
		VMP-51-10-103013	10/30/2013	0.014	J		0.00033	J		0.00046	J		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0026	J	
		VMP-51-10-021814	2/18/2014	0.0059	J		0.0013	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-51-10-042814	4/28/2014	<0.032	U		<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-51-10-080114	8/1/2014	0.0073	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-51-10-102914	10/29/2014	0.011	J		0.00083	J		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-51-10-020315	2/3/2015	<0.029	U		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
		VMP-51-10-042915	4/29/2015	0.0075	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-51-10-072115	7/21/2015	0.0096	J		<0.0048	J	U	<0.01	U		<0.016	U		<0.059	U		<0.0033	U		<0.014	U		0.0039	J	
		VMP-51-10-102815	10/28/2015	<0.032	J	U	<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0055	J		<0.016	U	
		VMP-51-10-012516	1/25/2016	0.013	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0027	J		0.004	J	
		VMP-51-10-042816	4/28/2016	0.0072	J		0.0019	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-51-10-042816-DUP	4/28/2016	0.018	J		0.0015	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		0.011	J	
		VMP-51-10-072716	7/27/2016	0.014	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0033	J	
		VMP-51-10-101916	10/19/2016	0.011	J		<0.0037	U		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	0.013	J		0.0053			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-51-20-050213	5/2/2013	0.016	J		0.00093	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.042			0.0079	J	
		VMP-51-20-080713	8/7/2013	0.02	J		0.0057			<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.007	J	
		VMP-51-20-103013	10/30/2013	0.023	J		0.0017	J		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0062	J	
		VMP-51-20-021814	2/18/2014	0.014	J		<0.0043	U		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-51-20-042814	4/28/2014	<0.031	U		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-51-20-080114	8/1/2014	0.014	J		0.0012	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0042	J	
		VMP-51-20-102914	10/29/2014	0.011	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-51-20-020315	2/3/2015	<0.03	U		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-51-20-042915	4/29/2015	0.024	J		0.002	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.009	J	
		VMP-51-20-072115	7/21/2015	0.015	J		0.002	J		<0.012	U		<0.018	U		<0.069	U		<0.0039	U		0.21			0.0032	J	
		VMP-51-20-102815	10/28/2015	0.029	J		0.00063	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0086	J	
		VMP-51-20-012516	1/25/2016	0.0083	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0034	J		0.0013	J	
		VMP-51-20-042816	4/28/2016	0.0091	J		0.0036	J		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		<0.018	U	
		VMP-51-20-052516-R	5/25/2016	0.016	J		0.0038	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		0.0054	J		0.0041	J	
		VMP-51-20-072716	7/27/2016	0.021	J		<0.0051	U		<0.011	U		<0.017	U		<0.062	U		<0.0036	U		<0.015	U		<0.019	U	
		VMP-51-20-101916-Dup	10/19/2016	0.025	J		0.002	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.005	J		0.0037	J	
		VMP-51-20-101916	10/19/2016	0.0082	J		0.002	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	30 ft	VMP-51-30-020413	2/4/2013	0.0062	J		0.056			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0071	J		<0.017	U	
		VMP-51-30-020413-DUP	2/4/2013	0.01	J		0.091			<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.012	J		<0.016	U	
		VMP-51-30-050213	5/2/2013	0.014	J		<0.0046	J	U	<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.026			<0.017	U	
		VMP-51-30-080713	8/7/2013	0.016	J		0.0084			<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.005	J	
		VMP-51-30-103013	10/30/2013	0.058	J		0.0017	J		<0.017	U		<0.027	U		<0.1	U		<0.0058	U		<0.025	U		0.018	J	
		VMP-51-30-021814	2/18/2014	0.0067	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-51-30-042814	4/28/2014	<0.031	U		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-51-30-080114	8/1/2014	0.012	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-51-30-102914	10/29/2014	0.023	J		0.00095	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0034	J	
		VMP-51-30-102914-DUP	10/29/2014	0.0072	J		0.00092	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-51-30-020315	2/3/2015	0.0099	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-51-30-020315-DUP	2/3/2015	0.011	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-51-30-042915	4/29/2015	0.0058	J		0.0014	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-51-30-042915-DUP	4/29/2015	0.012	J		0.002	J		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-51-30-072115	7/21/2015	0.018	J		<0.0041	J	U	<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0041	J	
		VMP-51-30-102815	10/28/2015	<0.037	J	U	<0.005	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0034	J	
		VMP-51-30-012516	1/25/2016	0.013	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0026	J	
		VMP-51-30-012516-DUP	1/25/2016	0.027	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		0.0025	J		0.005	J	
		VMP-51-30-042816	4/28/2016	0.019	J		0.0078			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0041	J	
		VMP-51-30-072716	7/27/2016	0.01	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-51-30-072716-DUP	7/27/2016	0.0086	J		0.0007	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-51-30-101916	10/19/2016	0.058			0.0016	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0086	J		0.0045	J	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	0.011	J		0.073			<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.005	J		0.0028	J	
		VMP-52-5-050213	5/2/2013	0.026	J		0.012		J	<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0043	J	
		VMP-52-5-050213-Dup	5/2/2013	0.03	J		0.022		J	<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0069	J	
		VMP-52-5-080713	8/7/2013	0.019	J		0.005			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0035	J	
		VMP-52-5-103013	10/30/2013	0.015	J		0.0004	J		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		0.0015	J		0.0055	J	
		VMP-52-5-022114	2/21/2014	0.0063	J		0.0026	J		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-52-5-050514	5/5/2014	0.034			0.002	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0062	J	
		VMP-52-5-050514-Dup	5/5/2014	0.02	J		0.0038	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.0051	J		<0.014	U	
		VMP-52-5-080114	8/1/2014	<0.032	J	U	<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-52-5-103114	10/31/2014	0.016	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-52-5-020415	2/4/2015	0.0053	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0018	J	
		VMP-52-5-042915	4/29/2015	0.0078	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-52-5-072715	7/27/2015	0.024	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0076	J	
		VMP-52-5-102915	10/29/2015	0.03	J		<0.0044	J	U	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0059	J	
		VMP-52-5-012516	1/25/2016	0.014	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		0.0038	J		0.0035	J	
		VMP-52-5-042516	4/25/2016	0.056			0.0014	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0023	J		0.011	J	
		VMP-52-5-072716	7/27/2016	0.014	J		<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-52-5-102716	10/27/2016	0.022	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0067	J	
	10 ft	VMP-52-10-020413	2/4/2013	0.006	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		0.027			<0.014	U	
		VMP-52-10-051613	5/16/2013	0.046			0.003	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.01	J		0.0062	J	
		VMP-52-10-080713	8/7/2013	0.014	J		0.0014	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0052	J	
		VMP-52-10-103013	10/30/2013	0.0082	J		0.0013	J		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0018	J	
		VMP-52-10-022114	2/21/2014	0.014	J		0.0014	J		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0062	J	
		VMP-52-10-080114	8/1/2014	0.049			<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0084	J	
		VMP-52-10-103114	10/31/2014	0.0068	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-52-10-020415	2/4/2015	0.0045	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-52-10-042915	4/29/2015	<0.039	U		<0.0052	U		<0.011	U		<0.017	U		<0.064	U		<0.0036	U		<0.016	U		<0.019	U	
		VMP-52-10-072715	7/27/2015	0.014	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.002	J	
		VMP-52-10-102915	10/29/2015	0.024	J		<0.0048	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.0059	J	
		VMP-52-10-012516	1/25/2016	0.014	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-52-10-042516	4/25/2016	0.02	J		<0.005	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0046	J	
		VMP-52-10-072716	7/27/2016	0.046			<0.005	U		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		0.0084	J	
		VMP-52-10-102716	10/27/2016	0.0078	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-52	20 ft	VMP-52-20-020413	2/4/2013	0.013	J		0.076		J	<0.009	U		<0.014	U		0.0025	J		<0.003	U		0.082			0.0047	J	
		VMP-52-20-020413-DUP	2/4/2013	0.0058	J		0.012		J	<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.069			<0.015	U	
		VMP-52-20-050213	5/2/2013	0.023	J		<0.0048	J	U	<0.01	U		<0.016	U		<0.058	U		<0.0033	U		0.036			0.0035	J	
		VMP-52-20-080713	8/7/2013	0.017	J		0.0088			0.0041	J		<0.016	U		<0.06	U		<0.0034	U		0.019			0.0072	J	
		VMP-52-20-103013	10/30/2013	0.015	J		0.00096	J		0.0014	J		<0.015	U		<0.057	U		<0.0033	U		0.01	J		0.004	J	
		VMP-52-20-022114	2/21/2014	0.017	J		0.0035	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0058	J		<0.016	U	
		VMP-52-20-042914	4/29/2014	0.01	J		0.0016	J		0.003	J		<0.014	U		<0.051	U		<0.0029	U		0.0067	J		0.0031	J	
		VMP-52-20-082014-R	8/20/2014	0.0086	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		0.0098	J		<0.016	U	UJ
		VMP-52-20-103114	10/31/2014	0.06			0.00091	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.021			0.0035	J	
		VMP-52-20-020415	2/4/2015	0.004	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-52-20-042915	4/29/2015	0.0064	J		<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-52-20-072715	7/27/2015	0.02	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.0048	J	
		VMP-52-20-102915	10/29/2015	0.023	J		<0.0042	J	U	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0056	J	
		VMP-52-20-012516	1/25/2016	0.01	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-52-20-042516	4/25/2016	0.018	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0044	J	
		VMP-52-20-072716	7/27/2016	0.0066	J		0.0013	J		<0.011	U		<0.017	U		<0.064	U		<0.0036	U		<0.016	U		<0.019	U	
		VMP-52-20-102716	10/27/2016	0.0095	J		0.0009	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.0067	J		<0.015	U	
	30 ft	VMP-52-30-020413	2/4/2013	0.088			0.0017	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.082			<0.016	U	
		VMP-52-30-050613	5/6/2013	0.0081	J		0.036			<0.0092	U		<0.014	U		<0.053	U		<0.003	U		0.028			<0.016	U	
		VMP-52-30-080713	8/7/2013	0.012	J		0.011			0.0021	J		<0.015	U		<0.056	U		<0.0032	U		0.026			0.0032	J	
		VMP-52-30-103013	10/30/2013	0.009	J		0.0024	J		0.001	J		<0.014	U		<0.054	U		<0.0031	U		0.015			0.0022	J	
		VMP-52-30-022114	2/21/2014	0.0049	J		0.0013	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.013			<0.015	U	
		VMP-52-30-022114-Dup	2/21/2014	0.0062	J		0.0011	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.012			<0.015	U	
		VMP-52-30-042914	4/29/2014	0.0062	J		0.0013	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		0.02			<0.015	U	
		VMP-52-30-042914-DUP	4/29/2014	0.026	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.024			0.011	J	
		VMP-52-30-080114	8/1/2014	<0.032	J	U	0.0016	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		0.016			<0.016	U	
		VMP-52-30-080114-Dup	8/1/2014	0.011	J		0.0021	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.012	J		<0.015	U	
		VMP-52-30-103114	10/31/2014	0.025	J		0.00088	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		0.02			<0.016	U	
		VMP-52-30-020415	2/4/2015	0.0092	J		0.0013	J		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.011	J		0.0024	J	
		VMP-52-30-020415-DUP	2/4/2015	0.0059	J		0.0012	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		0.014			<0.016	U	
		VMP-52-30-042915	4/29/2015	0.0049	J		0.00088	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.009	J		<0.014	U	
		VMP-52-30-072715	7/27/2015	0.012	J		0.002	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.0095	J		0.0026	J	
		VMP-52-30-102915	10/29/2015	0.022	J		<0.004	J	U	<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.02			0.005	J	
		VMP-52-30-020216-R	2/2/2016	0.026	J		0.001	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.014			0.0079	J	
		VMP-52-30-042516	4/25/2016	0.011	J		0.0011	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-52-30-072716	7/27/2016	0.008	J		<0.0053	U		<0.011	U		<0.017	U		<0.064	U		<0.0036	U		<0.016	U		<0.019	U	
		VMP-52-30-102716	10/27/2016	0.019	J		0.0012	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0065	J	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	0.015	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0032	J		<0.015	U	
		VMP-53-5-050213	5/2/2013	0.021	J		<0.0053		U	<0.01	U		<0.016	U		<0.059	U		<0.0034	U		0.013	J		<0.018	U	
		VMP-53-5-071113-R	7/11/2013	0.018	J		0.0021	J		<0.014	U		<0.021	U		<0.08	U		<0.0045	U		0.012	J		<0.024	U	
		VMP-53-5-080613	8/6/2013	0.026	J		0.0022	J		<0.018	U		<0.028	U		<0.1	U		<0.006	U		<0.026	U		<0.032	U	
		VMP-53-5-103013	10/30/2013	0.017	J		0.00091	J		<0.017	U		<0.026	U		<0.097	U		<0.0055	U		0.0051	J		0.014	J	
		VMP-53-5-022114	2/21/2014	<0.03	U		0.00088	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-53-5-042514	4/25/2014	0.031	J		<0.0044	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0026	J	
		VMP-53-5-073014	7/30/2014	0.023	J		0.00094	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-53-5-102914	10/29/2014	0.0078	J		<0.0049	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-53-5-020415	2/4/2015	0.0055	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-53-5-050415	5/4/2015	0.0096	J		0.0009	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0026	J	
		VMP-53-5-072415	7/24/2015	0.016	J		<0.0049	U		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.0041	J	
		VMP-53-5-102815	10/28/2015	0.028	J		0.0021	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0051	J	
		VMP-53-5-012816	1/28/2016	0.019	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-53-5-042816	4/28/2016	0.045			0.00084	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.011	J	
		VMP-53-5-072916	7/29/2016	0.02	J		<0.005	U		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		0.006	J	
		VMP-53-5-102516	10/25/2016	0.013	J		<0.0044	J	U	<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	J	U
		VMP-53-5-120916	12/9/2016	0.0066	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	10 ft	VMP-53-10-020513	2/5/2013	0.0094	J		0.059			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0051	J		<0.016	U	
		VMP-53-10-020513-DUP	2/5/2013	0.0096	J		0.017			<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0032	J		<0.014	U	
		VMP-53-10-050313	5/3/2013	0.013	J		13	S		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		1.2			<0.016	U	
		VMP-53-10-071113-R	7/11/2013	0.012	J		0.0045	J		0.0031	J		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		<0.018	U	
		VMP-53-10-080613	8/6/2013	0.017	J		<0.0092	U		<0.019	U		<0.03	U		<0.11	U		<0.0064	U		<0.028	U		<0.034	U	
		VMP-53-10-080613-Dup	8/6/2013	0.036			0.0014	J		0.0026	J		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0051	J	
		VMP-53-10-103013	10/30/2013	0.02	J		0.002	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0045	J	
		VMP-53-10-022114	2/21/2014	<0.03	U		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-53-10-042514	4/25/2014	0.035			<0.0044	U		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		0.0023	J	
		VMP-53-10-073014	7/30/2014	0.041			0.0022	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.014			0.0079	J	
		VMP-53-10-102914	10/29/2014	0.018	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		0.0011	J		<0.014	U		<0.017	U	
		VMP-53-10-020415	2/4/2015	0.0037	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-53-10-050415	5/4/2015	0.0098	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0039	J	
		VMP-53-10-072415	7/24/2015	0.019	J		0.019			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.015			0.0031	J	
		VMP-53-10-102815	10/28/2015	0.03	J		0.0012	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0096	J	
		VMP-53-10-012816	1/28/2016	0.014	J		<0.005	U		<0.01	U		<0.016	U		<0.061	U		<0.0035	U		0.0072	J		0.0059	J	
		VMP-53-10-042816	4/28/2016	<0.034	J	U	0.0021	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-53-10-082616	8/26/2016	0.029	J		<0.004	U		<0.0084	J	U	<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0044	J	
		VMP-53-10-102516	10/25/2016	0.013	J		<0.0044	J	U	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0043	J		<0.016	J	U
		VMP-53-10-120916	12/9/2016	0.0081	J		<0.0041	U		<0.0085	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.003	J	
	20 ft	VMP-53-20-020513	2/5/2013	0.011	J		0.086			<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-53-20-050313	5/3/2013	0.023	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-53-20-071113-R	7/11/2013	0.099			0.0038	J		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		<0.019	U	
		VMP-53-20-080613	8/6/2013	0.03	J		0.0047			<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		0.073		
		VMP-53-20-103013	10/30/2013	0.0096	J		0.001	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0026	J		0.0057	J	
		VMP-53-20-103013-Dup	10/30/2013	0.015	J		0.00063	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		0.0029	J		0.009	J	
		VMP-53-20-022114	2/21/2014	0.0067	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U	
		VMP-53-20-042514	4/25/2014	0.012	J		0.0011	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0019	J	
		VMP-53-20-073014	7/30/2014	0.032	J		0.0037	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0059	J		<0.016	U	
		VMP-53-20-102914	10/29/2014	0.011	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-53-20-020415	2/4/2015	0.011	J		<0.0089	U		<0.019	U		<0.029	U		<0.11	U		<0.0062	U		<0.026	U		<0.033	U	
		VMP-53-20-050415	5/4/2015	0.01	J		0.00074	J		<0.0092	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-53-20-072415	7/24/2015	0.015	J		<0.0049	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0028	J	
		VMP-53-20-102815	10/28/2015	0.025	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.007	J	
		VMP-53-20-021616	2/16/2016	0.023	J		<0.0051	U		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		0.0071	J		0.0054	J	
		VMP-53-20-042816	4/28/2016	0.01	J		0.00053	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-53-20-072916	7/29/2016	0.026	J		0.0032	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-53-20-102516	10/25/2016	0.018	J		0.0014	J		<0.016	U		<0.024	U		<0.091	U		<0.0052	U		0.016	J		<0.028	U	
		VMP-53-20-120916	12/9/2016	0.0072	J		0.0018	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
	30 ft	VMP-53-30-020513	2/5/2013	0.0076	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-53-30-050313	5/3/2013	0.012	J		0.028			<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-53-30-071113-R	7/11/2013	0.014	J		0.0048	J		<0.011	U		<0.017	U		<0.064	U		<0.0036	U		0.0087	J		<0.019	U	
		VMP-53-30-080613	8/6/2013	0.083			<0.0053	U		<0.011	U		<0.017	U		<0.064	U		<0.0037	U		<0.016	U		0.024		
		VMP-53-30-103013	10/30/2013	0.012	J		0.00061	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		0.0036	J		0.0042	J	
		VMP-53-30-022114	2/21/2014	0.0061	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-53-30-042514	4/25/2014	0.0086	J		0.0011	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0022	J	
		VMP-53-30-042514-DUP	4/25/2014	0.03	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0097	J	
		VMP-53-30-073014	7/30/2014	0.032			0.004	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		0.007	J		0.0067	J	
		VMP-53-30-073014-Dup	7/30/2014	0.023	J		0.0035	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-53-30-102914	10/29/2014	0.0069	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-53-30-020415	2/4/2015	0.0028	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-53-30-050415	5/4/2015	0.0078	J		<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-53-30-072415	7/24/2015	0.027	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.0048	J	
		VMP-53-30-102815	10/28/2015	0.03	J		0.001	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.017	J	
		VMP-53-30-012816	1/28/2016	0.014	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0025	J	
		VMP-53-30-042816	4/28/2016	0.0082	J		0.00092	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-53-30-052516-R	5/25/2016	0.013	J		0.00052	J		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.0031	J	
		VMP-53-30-072916	7/29/2016	0.085			0.0066			<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.0046	J		0.005	J	
		VMP-53-30-102516	10/25/2016	0.17			<0.008	U		<0.017	U		<0.026	U		<0.097	U		<0.0055	U		<0.024	U		<0.03	U	
		VMP-53-30-120916	12/9/2016	0.0051	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.0089	J		<0.017	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	0.0092	J		0.0024	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.025			<0.016	U	
		VMP-54-5-050213	5/2/2013	0.041			0.0093			<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.021			0.0032	J	
		VMP-54-5-080613	8/6/2013	0.064			0.0031	J		<0.011	U		<0.017	U		<0.064	U		<0.0036	U		<0.016	U		0.0096	J	
		VMP-54-5-103013	10/30/2013	0.014	J		0.00052	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.0015	J		0.0035	J	
		VMP-54-5-021014	2/10/2014	0.031	J		0.0022	J		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		<0.016	U	
		VMP-54-5-042514	4/25/2014	0.0092	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-54-5-073014	7/30/2014	0.034			0.0024	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-54-5-102914	10/29/2014	0.012	J		0.00076	J		<0.0089	U		<0.014	U		<0.052	U		0.00099	J		0.0063	J		<0.016	U	
		VMP-54-5-020515	2/5/2015	0.006	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-54-5-050415	5/4/2015	0.014	J		0.002	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0024	J	
		VMP-54-5-072415	7/24/2015	0.028	J		0.0019	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.015	U		0.005	J	
		VMP-54-5-102715	10/27/2015	0.024	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0047	J	
		VMP-54-5-012816	1/28/2016	0.026	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0036	J	
		VMP-54-5-042916	4/29/2016	0.012	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0033	J	
		VMP-54-5-080116	8/1/2016	0.027	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0061	J	
		VMP-54-5-102816	10/28/2016	0.053			0.0009	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0085	J	
	10 ft	VMP-54-10-020613	2/6/2013	0.0094	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0051	J		<0.017	U	
		VMP-54-10-050213	5/2/2013	0.016	J		0.0014	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		0.0073	J		<0.017	U	
		VMP-54-10-080613	8/6/2013	0.041			0.003	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0079	J	
		VMP-54-10-103013	10/30/2013	0.019	J		0.00083	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0056	J		0.013	J	
		VMP-54-10-021014	2/10/2014	0.0042	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-54-10-050814-R	5/8/2014	<0.033	U		0.0023	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.022			<0.016	U	
		VMP-54-10-073014	7/30/2014	0.016	J		0.0014	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-54-10-102914	10/29/2014	0.029	J		0.0028	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0072	J	
		VMP-54-10-020515	2/5/2015	<0.034	U		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-54-10-050415	5/4/2015	0.011	J		<0.0047	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-54-10-072415	7/24/2015	0.058			0.0016	J		<0.011	U		<0.017	U		<0.064	U		<0.0036	U		<0.016	U		0.0085	J	
		VMP-54-10-102715	10/27/2015	<0.03	J	U	<0.004	J	U	<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0025	J	
		VMP-54-10-012816	1/28/2016	0.018	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		0.0052	J		0.0033	J	
		VMP-54-10-042916	4/29/2016	<0.034	J	U	0.002	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-54-10-080116	8/1/2016	0.018	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-54-10-102816	10/28/2016	0.016	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0048	J	
	20 ft	VMP-54-20-020613	2/6/2013	0.029	J		0.0028	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0049	J		0.005	J	
		VMP-54-20-020613-DUP	2/6/2013	0.023	J		0.036			<0.0092	U		<0.014	U		<0.054	U		<0.003	U		0.0061	J		0.0033	J	
		VMP-54-20-050213	5/2/2013	0.017	J		0.0013	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.0053	J		0.0038	J	
		VMP-54-20-080613	8/6/2013	0.031	J		0.0036	J		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		0.0052	J	
		VMP-54-20-103013	10/30/2013	0.012	J		0.00039	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.003	J		0.0029	J	
		VMP-54-20-021014	2/10/2014	0.0044	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-54-20-042514	4/25/2014	0.035			0.0023	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0066	J	
		VMP-54-20-073014	7/30/2014	0.014	J		0.0015	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-54-20-102914	10/29/2014	0.012	J		0.0014	J		<0.0085	U		<0.013	U		<0.049	U		0.00089	J		0.0087	J		<0.015	U	
		VMP-54-20-020515	2/5/2015	0.0085	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-54-20-050415	5/4/2015	0.0086	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		<0.017	U	
		VMP-54-20-072415	7/24/2015	0.018	J		<0.0048	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0027	J	
		VMP-54-20-102715	10/27/2015	0.024	J		<0.0037	J	U	<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0044	J	
		VMP-54-20-102715-DUP	10/27/2015	<0.028	J	U	<0.0037	J	U	<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		0.0041	J	
		VMP-54-20-012816	1/28/2016	0.011	J		<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0023	J	
		VMP-54-20-050516	5/5/2016	<0.031	J	U	<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-54-20-050516-DUP	5/5/2016	<0.033	J	U	<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-54-20-080116	8/1/2016	0.016	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-54-20-102816	10/28/2016	0.013	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
	30 ft	VMP-54-30-020613	2/6/2013	0.012	J		0.014		J	<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-54-30-020613-DUP	2/6/2013	0.013	J		0.0045	J	J	<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-54-30-050213	5/2/2013	0.01	J		0.014			<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0062	J		<0.017	U	
		VMP-54-30-050213-Dup	5/2/2013	0.011	J		0.018			<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		0.0094	J		<0.017	U	
		VMP-54-30-103013	10/30/2013	0.031	J		0.0031	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		0.0017	J		0.016	J	
		VMP-54-30-021014	2/10/2014	0.015	J		0.00077	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-54-30-042514	4/25/2014	0.016	J		0.0014	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0036	J	
		VMP-54-30-073014	7/30/2014	0.018	J		0.0022	J		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-54-30-110614-R	11/6/2014	0.029	J		0.00081	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.012	J	
		VMP-54-30-021215	2/12/2015	0.0066	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-54-30-050415	5/4/2015	0.019	J		0.0015	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0044	J		0.0059	J	
		VMP-54-30-080315	8/3/2015	0.029	J		0.0021	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U	UJ	<0.015	U	UJ	0.0089	J	
		VMP-54-30-102715	10/27/2015	<0.028	J	U	0.0037	J		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		0.0054	J		0.003	J	
		VMP-54-30-012816	1/28/2016	0.015	J		0.0016	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0083	J		0.0034	J	
		VMP-54-30-042916	4/29/2016	<0.031	J	U	<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-54-30-042916-DUP	4/29/2016	0.0096	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-54-30-080116	8/1/2016	0.076			0.0011	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.013	J	
		VMP-54-30-102816	10/28/2016	0.018	J		<0.0042	U		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-110414	11/4/2014	0.011	J		<0.0046	U		<0.0096	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-55-5-110414-DUP	11/4/2014	0.0091	J		0.001	J		<0.0076	U		<0.012	U		<0.044	U		<0.0025	U		<0.011	U		0.0031	J	
		VMP-55-5-020515	2/5/2015	<0.031	U		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-55-5-050615	5/6/2015	0.0027	J		<0.004	U		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-55-5-110215	11/2/2015	0.028	J		0.14			<0.063	U		<0.097	U		<0.36	U		<0.021	U		0.11			<0.11	U	
		VMP-55-5-020416	2/4/2016	<0.12	U		<0.042	U		<0.088	U		<0.14	U		<0.051	U	UJ	<0.029	U		<0.12	ND,UJ	UJ	<0.16	U	
		VMP-55-5-082616	8/26/2016	0.028	J		0.002	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		0.0068	J	
	20 ft	VMP-55-20-021513	2/15/2013	<33	U		1.3	J		<23	U		<36	U		<13	U		<7.6	U		2900			<41	U	
		VMP-55-20-050113	5/1/2013	<140	U		<18	U		<39	U		<60	U		<220	U		<13	U		4400			<68	U	
		VMP-55-20-080713	8/7/2013	<7.5	U		2.1	J		<5.3	U		<8.2	U		<3.1	U		<1.7	U		180			<9.3	U	
		VMP-55-20-110813	11/8/2013	<2.1	U		<0.71	U		<1.5	U		<2.3	U		<0.86	U		<0.49	U		36			<2.6	U	
		VMP-55-20-021814	2/18/2014	<0.56	U		<0.19	U		<0.4	U		<0.62	U		<0.23	U		<0.13	U		270			<0.7	U	
		VMP-55-20-050514	5/5/2014	<6	U		<2	U		<4.2	U		<6.6	U		<2.5	U		<1.4	U		110			<7.5	U	
		VMP-55-20-050514-Dup	5/5/2014	<6.6	U		<2.2	U		<4.6	U		<7.1	U		<2.7	U		<1.5	U		120			<8.1	U	
		VMP-55-20-081314	8/13/2014	<2.5	U		0.47	J		<1.7	U		<2.7	U		<1	U	UJ	<0.58	U	UJ	1.3	J		<3.1	U	
		VMP-55-20-110414	11/4/2014	<1.1	U		0.18	J		<0.79	U		<1.2	U		<0.46	U		<0.26	U		1.2			<1.4	U	
		VMP-55-20-020515	2/5/2015	1.1	J		0.22	J		<0.86	U		<1.3	U		<5	U		<0.28	U		0.9	J		<1.5	U	
		VMP-55-20-050615	5/6/2015	2.5	J		<2.7	U		<5.7	U		<8.7	U		<33	U		<1.9	U		5.8	J		<10	U	
		VMP-55-20-072915	7/29/2015	0.043	J		0.016	J		<0.091	U		<0.14	U		<0.53	U		<0.03	U		0.42			<0.16	U	
		VMP-55-20-072915-DUP	7/29/2015	0.037	J		0.018	J		<0.097	U		<0.15	U		<0.56	U		<0.032	U		0.4			<0.17	U	
		VMP-55-20-110215	11/2/2015	<3.8	U		<1.3	U		<2.7	U		<4.1	U		<1.6	U		<0.88	U		310			<4.7	U	
		VMP-55-20-020416	2/4/2016	<1.2	U		<0.42	U		<0.89	U		<1.4	U		<0.51	U		<0.29	U		51	J0	J	<1.6	U	
		VMP-55-20-020416-DUP	2/4/2016	<1.1	U		<0.38	U		<0.8	U		<1.2	U		<0.46	U		<0.26	U		55	J0	J	<1.4	U	
		VMP-55-20-050416	5/4/2016	<1.7	U		<0.58	U		<1.2	U		<1.9	U		<0.71	U		<0.4	U		320		J	<2.1	U	
		VMP-55-20-080316	8/3/2016	<0.88	U		<0.3	U		<0.62	U		<0.96	U		<1.4	U		<0.2	U		140		J	<1.1	U	
		VMP-55-20-110116	11/1/2016	1.4	J		0.28	J		<0.92	U		<1.4	U		<5.4	U		<0.3	U		36			<1.6	U	
	30 ft	VMP-55-30-030915	3/9/2015	<3.3	U		<1.1	U		<2.3	U		<3.6	U		<1.3	U		<0.76	U		550			<4.1	U	
		VMP-55-30-050615	5/6/2015	2.8	J		<3.8	U		<7.9	U		<12	U		<46	U		<2.6	U		70			<14	U	
		VMP-55-30-050615-DUP	5/6/2015	3.3	J		<3.8	U		<7.9	U		<12	U		<46	U		<2.6	U		72			<14	U	
		VMP-55-30-061515-Dup-R	6/15/2015	<0.15	U		0.049	J		<0.1	U		<0.16	U		<0.061	U		<0.035	U		25			<0.18	U	
		VMP-55-30-061515-R	6/15/2015	<0.12	U		0.053			<0.085	U		<0.13	U		<0.05	U		<0.028	U		27			<0.15	U	
VMP-56	10 ft	VMP-56-10-050114	5/1/2014	0.018	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0046	J	
		VMP-56-10-081214	8/12/2014	0.037			0.0046	J		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0041	J	
		VMP-56-10-110514	11/5/2014	0.02	J		0.0028	J		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		0.02			0.005	J	
		VMP-56-10-021015	2/10/2015	0.0077	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-56-10-110315	11/3/2015	0.019	J		0.0011	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0087	J	
		VMP-56-10-020416	2/4/2016	0.015	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0021	J	
		VMP-56-10-050516	5/5/2016	0.052			0.018			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.0036	J		0.016	J	
		VMP-56-10-072716	7/27/2016	0.023	J		0.00082	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0028	J	
		VMP-56-10-102416	10/24/2016	0.012	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0037	J	
	25 ft	VMP-56-25-050114	5/1/2014	0.015	J		0.00091	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.0061	J		0.0026	J	
		VMP-56-25-081214	8/12/2014	0.047			0.0049			<0.009	U		<0.014	U		<0.052	J	U	<0.003	U		0.0065	J		0.01	J	
		VMP-56-25-110514	11/5/2014	0.016	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0045	J	
		VMP-56-25-021015	2/10/2015	0.0074	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-56-25-050715	5/7/2015	0.018	J		0.002	J		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.02		
		VMP-56-25-073115	7/31/2015	0.017	J		<0.0047	J	U	<0.01	U		<0.015	U		<0.058	U		<0.0033	U	UJ	0.0087	J	J	0.0092	J	
		VMP-56-25-110315	11/3/2015	0.034			<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.025			0.011	J	
		VMP-56-25-020416	2/4/2016	<0.03	J	U	0.00067	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-56-25-050516	5/5/2016	<0.035	J	U	<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		0.0031	J	
		VMP-56-25-050516-DUP	5/5/2016	0.021	J		<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		0.0084	J	
		VMP-56-25-072716	7/27/2016	0.067			0.0022	J		<0.011	U		<0.017	U		<0.064	U		<0.0036	U		0.016			0.0097	J	
		VMP-56-25-102416	10/24/2016	0.022	J		0.0015	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0057	J		0.0048	J	
	38.5 ft	VMP-56-38.5-050114	5/1/2014	<2.9	U		1100			<2	U		<3.2	U		<1.2	U		<0.67	U		50000			<3.6	U	
		VMP-56-38.5-081214	8/12/2014	<260	U		940			<180	U		<280	U		<110	U		<61	U		31000			<330	U	
		VMP-56-38.5-081214-Dup	8/12/2014	<260	U		1000			<180	U		<280	U		<110	U		<60	U		29000			<320	U	
		VMP-56-38.5-110514	11/5/2014	<140	U		720			<100	U		<160	U		<58	U		<33	U		7000			<180	U	
		VMP-56-38.5-110514-DUP	11/5/2014	<170	U		770			<120	U		<180	U		<70	U		<40	U		7100			<210	U	
		VMP-56-38.5-021015	2/10/2015	<13	U		1000			<8.9	U		<14	U		<5.2	U		<3	U		3500			<16	U	
		VMP-56-38.5-050715	5/7/2015	<140	U		1400			<100	U		<160	U		<59	U		<34	U		14000			<180	U	
		VMP-56-38.5-061515-R	6/15/2015	5.5	J		970			<9.9	U		<15	U		<5.7	U		<3.3	U		5600	E	J	<17	U	
		VMP-56-38.5-073115	7/31/2015	<12	U		670			<8.6	U		<13	U		<5	U		<2.8	U		5700			<15	U	
		VMP-56-38.5-073115-DUP	7/31/2015	<45	U		720			<32	U		<49	U		<18	U		<10	U		5700			<56	U	
		VMP-56-38.5-110315	11/3/2015	<14	U		590			<10	U		<16	U		<5.9	U	UJ	<3.4	U		6600			<18	U	
		VMP-56-38.5-110315-DUP	11/3/2015	<100	U		530			<74	U		<110	U		<43	U	UJ	<24	U		6400			<130	U	
		VMP-56-38.5-020416	2/4/2016	<80	U		470			<57	U		<87	U		<33	U		<19	U		10000	J0	J	<100	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-122313	12/23/2013	0.0057	J		0.0026	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.016			<0.014	U	
		VMP-62-5-021014	2/10/2014	0.0077	J		0.0017	J		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0.011	U		<0.014	U	
		VMP-62-5-042514	4/25/2014	0.011	J		<0.0042	U		<0.0089	U		<0.014	U		<0.052	U		<0.0029	U		<0.013	U		0.0026	J	
		VMP-62-5-073014	7/30/2014	0.03	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0066	J	
		VMP-62-5-111014-R	11/10/2014	0.016	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0037	J	
		VMP-62-5-020315	2/3/2015	0.0064	J		<0.0039	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-62-5-042815	4/28/2015	0.024	J		0.0012	J		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		0.0099	J	
		VMP-62-5-072415	7/24/2015	0.031	J		0.0016	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0073	J	
		VMP-62-5-102015	10/20/2015	<0.026	J	U	0.0012	J		<0.0073	U		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.0034	J	
		VMP-62-5-012816	1/28/2016	<0.031	J	U	<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-62-5-042516	4/25/2016	0.012	J		0.0023	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-62-5-072616	7/26/2016	0.019	J		<0.0048	U		<0.01	U		<0.016	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-62-5-102416	10/24/2016	0.013	J		0.00068	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.0074	J		0.0061	J	
	10 ft	VMP-62-10-122313	12/23/2013	0.006	J		0.0031	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-62-10-021014	2/10/2014	0.0055	J		0.0015	J		<0.0074	U		<0.011	U		<0.043	U		<0.0024	U		<0.01	U		<0.013	U	
		VMP-62-10-042514	4/25/2014	0.012	J		0.00097	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0024	J	
		VMP-62-10-073014	7/30/2014	0.019	J		0.0025	J		0.0019	J		<0.014	U		<0.053	U		<0.003	U		0.0069	J		<0.016	U	
		VMP-62-10-102814	10/28/2014	0.0067	J		<0.0046	U		<0.0095	J	U	<0.015	U		<0.055	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-62-10-020315	2/3/2015	0.0063	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-62-10-042815	4/28/2015	0.0079	J		0.00099	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-62-10-072415	7/24/2015	0.039			<0.0043	U		0.0062	J		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0051	J	
		VMP-62-10-102015	10/20/2015	<0.033	J	U	0.0012	J		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.0049	J		0.0031	J	
		VMP-62-10-012816	1/28/2016	0.025	J		0.00054	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0046	J	
		VMP-62-10-042516	4/25/2016	0.016	J		0.0013	J		0.0022	J		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		<0.018	U	
		VMP-62-10-072616	7/26/2016	0.0075	J		<0.005	U		0.0062	J		<0.016	U		<0.061	U		<0.0035	U		<0.015	U		<0.018	U	
		VMP-62-10-102416	10/24/2016	0.023	J		0.00058	J		0.0043	J		<0.011	U		<0.042	U		<0.0024	U		<0.01	U		0.01	J	
	20 ft	VMP-62-20-122313	12/23/2013	0.0098	J		0.0016	J		0.0027	J		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-62-20-122313-Dup	12/23/2013	0.012	J		0.00086	J		0.0034	J		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-62-20-021014	2/10/2014	0.0064	J		<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-62-20-042514	4/25/2014	0.043			<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0043	J	
		VMP-62-20-073014	7/30/2014	0.026	J		0.0012	J		0.0022	J		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-62-20-102814	10/28/2014	0.0077	J		<0.0039	U		<0.0082	J	U	<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0038	J	
		VMP-62-20-020315	2/3/2015	<0.035	U		<0.0047	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-62-20-042815	4/28/2015	0.011	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.013	U		0.0042	J	
		VMP-62-20-072415	7/24/2015	0.02	J		0.0012	J		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		<0.012	U		0.0048	J	
		VMP-62-20-102015	10/20/2015	<0.03	J	U	0.0012	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0034	J		0.0063	J	
		VMP-62-20-012816	1/28/2016	0.011	J		<0.0047	U		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		<0.014	U		<0.018	U	
		VMP-62-20-042516	4/25/2016	0.01	J		0.0016	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-62-20-072616	7/26/2016	0.036			<0.0041	U		0.013			<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-62-20-102416	10/24/2016	0.018	J		0.0014	J		0.0037	J		<0.012	U		<0.045	U		<0.0026	U		0.018			0.0055	J	
	30 ft	VMP-62-30-122313	12/23/2013	0.0057	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		0.0089	J		<0.014	U	
		VMP-62-30-122313-Dup	12/23/2013	0.014	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		0.0082	J		0.0061	J	
		VMP-62-30-021014	2/10/2014	0.0083	J		0.0024	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.0099	J		<0.015	U	
		VMP-62-30-042514	4/25/2014	0.01	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.0069	J		<0.016	U	
		VMP-62-30-073014	7/30/2014	0.015	J		0.0014	J		0.0014	J		<0.014	U		<0.051	U		<0.0029	U		0.0056	J		<0.016	U	
		VMP-62-30-073014-Dup	7/30/2014	0.036			0.0013	J		0.0012	J		<0.013	U		<0.047	U		<0.0027	U		0.0088	J		0.0082	J	
		VMP-62-30-102814	10/28/2014	0.044			<0.004	U		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-62-30-020315	2/3/2015	0.0082	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
		VMP-62-30-042815	4/28/2015	0.0059	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0066	J	
		VMP-62-30-072415	7/24/2015	0.03	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0054	J	
		VMP-62-30-102015	10/20/2015	<0.031	J	U	0.0011	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.007	J		0.0052	J	
		VMP-62-30-012816	1/28/2016	0.014	J		0.001	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.0061	J		<0.017	U	
		VMP-62-30-012816-DUP	1/28/2016	0.012	J		0.00087	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.0048	J		0.0019	J	
		VMP-62-30-042516	4/25/2016	0.016	J		0.0015	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-62-30-072616	7/26/2016	0.018	J		<0.0047	U		0.003	J		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-62-30-072616-DUP	7/26/2016	0.016	J		<0.0047	U		0.0027	J		<0.015	U		<0.057	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-62-30-102416	10/24/2016	0.0084	J		0.00089	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-62-30-102416-Dup	10/24/2016	0.014	J		0.00064	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0064	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-121113	12/11/2013	0.015	J		0.005	J		<0.013	U		<0.019	U		<0.073	U		<0.0042	U		0.017	J		<0.022	U	
		VMP-63-5-022814	2/28/2014	0.0089	J		<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		0.022			<0.015	U	
		VMP-63-5-042514	4/25/2014	0.018	J		0.0029	J		<0.016	U		<0.025	U		<0.095	U		<0.0054	U		0.012	J		0.0042	J	
		VMP-63-5-073014	7/30/2014	0.023	J		0.00085	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0081	J	
		VMP-63-5-102814	10/28/2014	0.014	J		0.0028	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.0074	J		0.0056	J	
		VMP-63-5-020315	2/3/2015	0.0078	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-63-5-042815	4/28/2015	0.026	J		0.0031	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.019		
		VMP-63-5-072415	7/24/2015	0.023	J		<0.0045	J	U	<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.01	J	
		VMP-63-5-102615	10/26/2015	<0.031	J	U	<0.0042	J	U	<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		0.016			0.013	J	
		VMP-63-5-012816	1/28/2016	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0027	J	
		VMP-63-5-042616	4/26/2016	0.011	J		0.0084			<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		0.024			<0.017	U	
		VMP-63-5-072516	7/25/2016	0.036			<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		0.0053	J		0.0071	J	
		VMP-63-5-102416	10/24/2016	0.029	J		0.00077	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0079	J	
	10 ft	VMP-63-10-121113	12/11/2013	0.0086	J		0.0064			0.002	J		<0.013	U		<0.05	U		<0.0028	U		0.0065	J		<0.015	U	
		VMP-63-10-020714	2/7/2014	0.0047	J		<0.0039	U		<0.0082	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-63-10-042514	4/25/2014	0.024	J		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.0046	J	
		VMP-63-10-073014	7/30/2014	0.017	J		0.0019	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
		VMP-63-10-102814	10/28/2014	0.024	J		0.0028	J		<0.0087	U		<0.013	U		<0.051	U		<0.0029	U		0.0098	J		0.007	J	
		VMP-63-10-020315	2/3/2015	0.0058	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-63-10-042815	4/28/2015	0.0092	J		<0.0044	U		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-63-10-072415	7/24/2015	0.035			<0.0042	J	U	<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		0.0063	J		0.012	J	
		VMP-63-10-102615	10/26/2015	0.032	J		<0.0044	J	U	<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.02		
		VMP-63-10-012816	1/28/2016	0.011	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		0.0055	J		<0.017	U	
		VMP-63-10-042616	4/26/2016	0.0089	J		0.00096	J		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		<0.017	U	
		VMP-63-10-072516	7/25/2016	0.039			<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		0.0064	J	
		VMP-63-10-102416	10/24/2016	0.01	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.016	U	
	20 ft	VMP-63-20-121213	12/12/2013	0.0084	J		0.0028	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.011	J		<0.014	U	
		VMP-63-20-020714	2/7/2014	0.0059	J		<0.0037	U		<0.0078	U		<0.012	U		<0.045	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-63-20-042514	4/25/2014	0.025	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.0081	J	
		VMP-63-20-073014	7/30/2014	0.02	J		0.00082	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		0.007	J		<0.015	U	
		VMP-63-20-102814	10/28/2014	0.029	J	J	0.0018	J		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.011	J	
		VMP-63-20-102814-DUP	10/28/2014	0.15		J	0.0016	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		0.0098	J	
		VMP-63-20-020315	2/3/2015	0.0066	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-63-20-020315-DUP	2/3/2015	0.0066	J		<0.0038	U		<0.008	U		<0.012	U		<0.047	U		<0.0026	U		<0.011	U		<0.014	U	
		VMP-63-20-042815	4/28/2015	0.028	J		0.0072			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.037		
		VMP-63-20-072415	7/24/2015	0.035			0.0041			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		0.019		
		VMP-63-20-102615	10/26/2015	0.062			<0.0039	J	U	<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		0.047		
		VMP-63-20-012816	1/28/2016	0.012	J		<0.0042	U		<0.0089	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0028	J	
		VMP-63-20-042616	4/26/2016	0.043			0.0018	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		0.013	J		0.0091	J	
		VMP-63-20-042616-DUP	4/26/2016	0.032	J		0.0012	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.0061	J	
		VMP-63-20-072516	7/25/2016	0.026	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		<0.013	U		<0.016	U	
		VMP-63-20-102416	10/24/2016	0.015	J		0.0011	J		<0.01	U		<0.016	U		<0.06	U		<0.0034	U		<0.014	U		0.0044	J	
	30 ft	VMP-63-30-121113	12/11/2013	0.0088	J		0.013			<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		0.14			0.0098	J	
		VMP-63-30-020714	2/7/2014	0.0045	J		0.00071	J		<0.0077	U		<0.012	U		<0.045	U		<0.0026	U		0.038			<0.014	U	
		VMP-63-30-042514	4/25/2014	0.012	J		0.0015	J		<0.0083	U		<0.013	U		<0.048	U		<0.0028	U		0.025			<0.015	U	
		VMP-63-30-042514-DUP	4/25/2014	0.0077	J		0.0016	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.027			<0.015	U	
		VMP-63-30-073014	7/30/2014	0.023	J		0.0016	J		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.011	J		0.011	J	
		VMP-63-30-102814	10/28/2014	0.014	J		<0.0044	U		<0.0093	U		<0.014	U		<0.054	U		<0.0031	U		0.01	J		0.005	J	
		VMP-63-30-020315	2/3/2015	0.0067	J		0.00076	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0085	J		<0.015	U	
		VMP-63-30-042815	4/28/2015	0.013	J		0.004	J		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.0091	J		0.01	J	
		VMP-63-30-072415	7/24/2015	0.034			0.0025	J		<0.0089	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.014	J	
		VMP-63-30-102615	10/26/2015	0.024	J		<0.0036	J	U	<0.0075	U		<0.012	U		<0.043	U		<0.0025	U		0.011			0.014		
		VMP-63-30-102615-DUP	10/26/2015	0.03	J		<0.0042	J	U	<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		0.0087	J		0.012	J	
		VMP-63-30-012816	1/28/2016	<0.031	J	U	<0.0042	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		0.011	J		0.0024	J	
		VMP-63-30-042616	4/26/2016	0.0065	J		0.0016	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		0.0045	J		<0.015	U	
		VMP-63-30-072516	7/25/2016	0.014	J		<0.0049	U		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		0.0062	J		<0.018	U	
		VMP-63-30-072516-DUP	7/25/2016	0.011	J		<0.0045	U		<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.0089	J		<0.016	U	
		VMP-63-30-102416	10/24/2016	0.038			0.00092	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		0.0085	J		0.0071	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Acetone			Benzene			Bromodichloromethane			Bromoform			Bromomethane			1,3-Butadiene			Butane			2-Butanone		
				750000			0.37			450000			11			6.9									6400		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-122313	12/23/2013	0.012	J		0.013			<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-64-5-022814	2/28/2014	0.016	J		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		0.014			0.0062	J	
		VMP-64-5-042514	4/25/2014	<0.03	U		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-64-5-073114	7/31/2014	0.013	J		<0.0043	U		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-64-5-102814	10/28/2014	0.016	J		0.0015	J		<0.0084	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		0.0055	J	
		VMP-64-5-020315	2/3/2015	<0.031	U		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-64-5-042815	4/28/2015	0.007	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		0.0037	J	
		VMP-64-5-072415	7/24/2015	0.021	J		<0.0045	J	U	<0.0094	U		<0.014	U		<0.054	U		<0.0031	U		0.015			0.0076	J	
		VMP-64-5-102615	10/26/2015	0.013	J		<0.0038	U		<0.008	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		0.0051	J	
		VMP-64-5-012816	1/28/2016	0.017	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		0.0031	J	
		VMP-64-5-042616	4/26/2016	0.012	J		<0.0051	U		<0.011	U		<0.016	U		<0.062	U		<0.0035	U		<0.015	U		<0.019	U	
		VMP-64-5-080216	8/2/2016	0.054			0.003	J		<0.0091	U		<0.014	U		<0.053	U		<0.003	U		0.18		J	0.0079	J	
		VMP-64-5-080216-DUP	8/2/2016	0.047			0.0018	J		<0.01	U		<0.015	U		<0.058	U		<0.0033	U		0.049		J	0.0067	J	
		VMP-64-5-102416	10/24/2016	0.0078	J		0.00058	J		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
	10 ft	VMP-64-10-122313	12/23/2013	0.0098	J		0.00074	J		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U	
		VMP-64-10-021014	2/10/2014	0.0081	J		<0.0038	U		<0.0081	U		<0.012	U		<0.047	U		<0.0027	U		<0.011	U		<0.014	U	
		VMP-64-10-042514	4/25/2014	<0.029	U		<0.0039	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-64-10-073114	7/31/2014	0.0082	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-64-10-102814	10/28/2014	0.021	J		0.0034	J		<0.01	U		<0.016	U		<0.059	U		<0.0034	U		<0.014	U		0.0082	J	
		VMP-64-10-020315	2/3/2015	0.0091	J		<0.0046	U		<0.0097	U		<0.015	U		<0.056	U		<0.0032	U		<0.014	U		<0.017	U	
		VMP-64-10-042815	4/28/2015	0.037			<0.0047	U		<0.0098	U		<0.015	U		<0.057	U		<0.0032	U		0.0028	J		0.0066	J	
		VMP-64-10-072415	7/24/2015	0.017	J		0.0016	J		<0.0084	U		<0.013	U		<0.048	U		<0.0028	U		<0.012	U		0.0082	J	
		VMP-64-10-102615	10/26/2015	0.014	J		<0.0047	U		<0.0099	U		<0.015	U		<0.057	U		<0.0033	U		<0.014	U		0.0044	J	
		VMP-64-10-012816	1/28/2016	0.012	J		<0.0042	U		<0.0088	U		<0.014	U		<0.051	U		<0.0029	U		<0.012	U		0.0026	J	
		VMP-64-10-042616	4/26/2016	0.0058	J		0.0017	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-64-10-072216	7/22/2016	0.024	J		<0.0034	U		<0.0072	U		<0.011	U		<0.042	U		<0.0024	U		0.006	J		0.0042	J	
		VMP-64-10-102416	10/24/2016	0.0077	J		0.00059	J		<0.0079	U		<0.012	U		<0.046	U		<0.0026	U		<0.011	U		<0.014	U	
	20 ft	VMP-64-20-122313	12/23/2013	0.0043	J		<0.0041	U		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		<0.015	U	
		VMP-64-20-122313-Dup	12/23/2013	0.0049	J		0.00073	J		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-64-20-021014	2/10/2014	0.0044	J		<0.004	U		<0.0083	U		<0.013	U		<0.048	U		<0.0027	U		<0.012	U		<0.015	U	
		VMP-64-20-042514	4/25/2014	<0.029	U		<0.0039	U		<0.0082	U		<0.013	U		<0.047	U		<0.0027	U		<0.012	U		<0.014	U	
		VMP-64-20-073114	7/31/2014	<0.03	J	U	<0.004	U		<0.0085	U		<0.013	U		<0.049	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-64-20-102814	10/28/2014	0.025	J		0.0041	J		<0.0087	U		<0.013	U		<0.05	U		<0.0029	U		<0.012	U		0.0098	J	
		VMP-64-20-020315	2/3/2015	0.019	J		0.00082	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.008	J		<0.016	U	
		VMP-64-20-042815	4/28/2015	0.028	J		0.0012	J		<0.0099	U		<0.015	U		0.0025	J		<0.0033	U		<0.014	U		0.01	J	
		VMP-64-20-072415	7/24/2015	0.043			<0.0044	J	U	<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		0.011	J	
		VMP-64-20-102615	10/26/2015	0.01	J		<0.0045	U		<0.0094	U		<0.014	U		<0.055	U		<0.0031	U		<0.013	U		<0.017	U	
		VMP-64-20-012816	1/28/2016	0.016	J		<0.0043	U		<0.009	U		<0.014	U		<0.052	U		<0.003	U		0.0056	J		0.0046	J	
		VMP-64-20-042616	4/26/2016	0.0047	J		0.0028	J		<0.0092	U		<0.014	U		<0.054	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-64-20-042616-DUP	4/26/2016	0.011	J		0.0026	J		<0.009	U		<0.014	U		<0.052	U		<0.003	U		<0.013	U		<0.016	U	
		VMP-64-20-072216	7/22/2016	0.014	J		<0.0041	U		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	
		VMP-64-20-072216-DUP	7/22/2016	0.032	J		<0.0045	U		<0.0095	U		<0.015	U		<0.055	U		<0.0031	U		<0.014	U		0.0054	J	
		VMP-64-20-102416	10/24/2016	0.016	J		0.00083	J		<0.0077	U		<0.012	U		<0.045	U		<0.0025	U		<0.011	U		0.009	J	
		VMP-64-20-102416-Dup	10/24/2016	0.0062	J		0.00082	J		<0.0086	U		<0.013	U		<0.05	U		<0.0028	U		<0.012	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<0.37	U		<0.75	U		<0.55	U		<1	U		<0.31	U		<0.58	U		<0.98	U		<0.62	U	
		VMP-1-5-082510	8/25/2010	0.0035	J		<0.027	U		<0.02	U		<0.036	U		<0.011	U		<0.021	U		<0.035	U		<0.022	U	
		VMP-1-5-111710	11/17/2010	<0.016	U		<0.032	U		<0.024	U		<0.044	U		<0.014	U		<0.025	U		<0.042	U		<0.027	U	
		VMP-1-5-020411	2/4/2011	<0.31	U		<0.64	U		<0.46	U		<0.86	U		<0.27	U		<0.49	U		<0.83	U		<0.52	U	
		VMP-1-5-041211	4/12/2011	0.004	J		<0.0083	U		<0.0061	J	U	0.0023	J		<0.014	U		<0.0064	U		<0.011	U		<0.0068	U	
		VMP-1-5-080111	8/1/2011	0.0086	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.011	U		<0.0068	U	
		VMP-1-5-110311	11/3/2011	<44	U		<22	U		<16	U		<30	U		<37	U		<17	U		<29	U		<18	U	
		VMP-1-5-013012	1/30/2012	<0.91	U		<1.8	U		<1.3	U		<2.5	U		<3.1	U		<1.4	U		<2.4	U		<1.5	U	
		VMP-1-5-041312	4/13/2012	<0.011	J	U	<0.0056	U		<0.0041	J	U	<0.0076	U		<0.0094	U		<0.0044	U		<0.018	U		<0.0046	U	
		VMP-1-5-071612	7/16/2012	<0.011	J	U	<0.0058	U		<0.0042	J	U	<0.0078	U		<0.0096	U		0.002	J		<0.019	U		<0.0047	U	
		VMP-1-5-101112	10/11/2012	0.0076	J		<0.014	U		<0.01	U		<0.02	U		<0.024	U		<0.011	U		<0.047	U		<0.012	U	
		VMP-1-5-012113	1/21/2013	<0.32	U		<0.16	U		<0.12	U		<0.22	U		<0.27	U		<0.12	U		<0.53	U		<0.13	U	
		VMP-1-5-012313-R	1/23/2013	<3.6	U		<7.3	U		<5.4	U		<9.9	U		<12	U		<5.7	U		<9.6	U		<6	U	
		VMP-1-5-050813	5/8/2013	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-1-5-072913	7/29/2013	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.0011	J		<0.031	U		<0.0077	U	
		VMP-1-5-072913-Dup	7/29/2013	<0.019	U		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.0015	J		<0.031	U		<0.0077	U	
		VMP-1-5-110413	11/4/2013	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		0.0032	J		0.00033	J		<0.0062	U	
		VMP-1-5-020714	2/7/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-1-5-043014	4/30/2014	0.0096	J		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-1-5-080714	8/7/2014	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.003	J		<0.024	U		<0.0061	U	
		VMP-1-5-103114	10/31/2014	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0024	J		<0.028	U		<0.0071	U	
		VMP-1-5-020915	2/9/2015	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-1-5-050515	5/5/2015	0.0019	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-1-5-073015	7/30/2015	<0.017	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0029	J		<0.028	U		<0.0069	U	
		VMP-1-5-110315	11/3/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0084			<0.029	U		<0.0072	U	
		VMP-1-5-020316	2/3/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0018	J		<0.027	U		<0.0068	U	
		VMP-1-5-050316	5/3/2016	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		0.0017	J		<0.027	U	UJ	<0.0068	U	
		VMP-1-5-072516	7/25/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0068			<0.028	U		<0.0071	U	
		VMP-1-5-102816	10/28/2016	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0057	J		<0.025	U		<0.0062	U	
	8.5 ft	VMP-1-8.5	11/2/2009	<0.51	U		<1	U		<0.75	U		<1.4	U		<0.43	U		<0.8	U		<1.4	U		<0.85	U	
		VMP-1-8.5-082510	8/25/2010	0.019	J		<0.081	U		<0.059	U		<0.11	U		<0.034	U		<0.063	U		<0.11	U		<0.066	U	
		VMP-1-8.5-111710	11/17/2010	<0.0077	U		<0.016	U		<0.011	U		<0.021	U		<0.0065	U		<0.012	U		<0.02	U		<0.013	U	
		VMP-1-8.5-111710-Dup	11/17/2010	<0.0077	U		<0.016	U		<0.011	U		<0.021	U		<0.0065	U		<0.012	U		<0.02	U		<0.013	U	
		VMP-1-8.5-020411	2/4/2011	<0.62	U		<1.2	U		<0.91	U		<1.7	U		<0.52	U		<0.97	U		<1.6	U		<1	U	
		VMP-1-8.5-041211	4/12/2011	0.0022	J		<0.011	U		<0.008	J	U	<0.015	U		<0.018	U		<0.0085	U		<0.014	U		<0.009	U	
		VMP-1-8.5-080111	8/1/2011	<2.2	U		<4.5	U		<3.3	U		<6.1	U		<7.6	U		<3.5	U		<5.9	U		<3.7	U	
		VMP-1-8.5-080111-Dup	8/1/2011	<2.2	U		<4.4	U		<3.2	U		<6	U		<7.4	U		<3.4	U		<5.8	U		<3.6	U	
		VMP-1-8.5-110311	11/3/2011	7.3	J		<51	U		<37	U		<68	U		<85	U		<39	U		<66	U		<42	U	
		VMP-1-8.5-013012	1/30/2012	<5.4	U		<11	U		<8	U		<15	U		<18	U		<8.5	U		<14	U		<9	U	
		VMP-1-8.5-041612	4/16/2012	<0.013	J	U	<0.0067	U		<0.0049	U		<0.009	U		<0.011	U		<0.0052	U		<0.022	U		0.0015	J	
		VMP-1-8.5-041612-Dup	4/16/2012	<0.013	J	U	<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		<0.005	U		<0.021	U		<0.0053	U	
		VMP-1-8.5-071612	7/16/2012	<0.011	J	U	<0.0058	U		<0.0042	J	U	<0.0078	U		<0.0097	U		0.00077	J		<0.019	U		<0.0048	U	
		VMP-1-8.5-101112	10/11/2012	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-1-8.5-012113	1/21/2013	<0.31	U		<0.16	U		<0.12	U		<0.21	U		<0.26	U		<0.12	U		<0.52	U		<0.13	U	
		VMP-1-8.5-012313-R	1/23/2013	<0.072	U		<0.15	U		<0.11	U		<0.2	U		<0.24	U		<0.11	U		<0.19	U		<0.12	U	
		VMP-1-8.5-050813	5/8/2013	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	J	U
		VMP-1-8.5-072913	7/29/2013	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		0.004	J		<0.0077	U	
		VMP-1-8.5-110413	11/4/2013	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.00029	J		0.0013	J		<0.0063	U	
		VMP-1-8.5-020714	2/7/2014	<0.014	J	U	<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-1-8.5-043014	4/30/2014	0.0037	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.0061	U	
		VMP-1-8.5-080714	8/7/2014	0.0052	J		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.0017	J		<0.028	U		<0.0069	U	
		VMP-1-8.5-103114	10/31/2014	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0026	J		<0.027	U		<0.0069	U	
		VMP-1-8-020915	2/9/2015	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-1-8.5-050515	5/5/2015	0.058			<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-1-8.5-073015	7/30/2015	0.011	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0013	J		<0.028	U		<0.0071	U	
		VMP-1-8.5-110315	11/3/2015	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0093			<0.025	U		<0.0063	U	
		VMP-1-8.5-020316	2/3/2016	0.0019	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-1-8.5-050316	5/3/2016	0.0012	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	UJ	<0.0073	U	
		VMP-1-8.5-072516	7/25/2016	0.075			<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.0014	J		<0.025	U		<0.0064	U	
		VMP-1-8.5-102816	10/28/2016	0.0059	J		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		0.0014	J		<0.023	U		<0.0057	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	23.5 ft	VMP-1-23.5	11/2/2009	<1.2	U		<2.5	U		<1.8	U		<3.4	U		<1	U		<1.9	U		<3.3	U		<2	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	<1.4	U		<2.8	U		<2.1	U		<3.8	U		<1.2	U		<2.2	U		<3.7	U		<2.3	U	
		VMP-1-23.5-111810	11/17/2010	<0.0038	U		0.0013	J		<0.0057	U		<0.01	U		<0.0032	U		0.00066	J		<0.01	U		<0.0064	U	
		VMP-1-23.5-020411	2/4/2011	<3.6	U		<7.3	U		<5.4	U		<9.9	U		<3.1	U		<5.7	U		<9.6	U		<6	U	
		VMP-1-23.5-041211	4/12/2011	5.1	J		<12	U		<8.7	U		<16	U		4.4	J		<9.3	U		<16	U		<9.8	U	
		VMP-1-23.5-041211-DUP	4/12/2011	4.2	J		<15	U		<11	U		<20	U		<25	U		<12	U		<20	U		<12	U	
		VMP-1-23.5-080111	8/1/2011	6.2	J		<81	U		<59	U		<110	U		<140	U		<63	U		<110	U		<67	U	
		VMP-1-23.5-110611	11/6/2011	7.6	J		<19	U		6.6	J		<26	U		<32	U		<15	U		<25	U		<16	U	
		VMP-1-23.5-013112	1/31/2012	<19	U		<38	U		<28	U		<51	U		<63	U		<29	U		<50	U		<120	U	
		VMP-1-23.5-041612	4/16/2012	<1.5	U		<3	U		<2.2	U		<4.1	U		<5	U		<2.3	U		<3.9	U		<2.5	U	
		VMP-1-23.5-071612	7/16/2012	<19	U		<38	U		<28	U		<51	U		<64	U		<29	U		<50	U		<31	U	
		VMP-1-23.5-102412	10/24/2012	<38	U		<76	U		<55	U		<100	U		<130	U		<59	U		<100	U		<62	U	
		VMP-1-23.5-012113	1/21/2013	<0.17	U	UJ	<0.085	U	UJ	<0.062	U	UJ	<0.11	U	UJ	<0.14	U	UJ	<0.066	U	UJ	<0.28	U	UJ	<0.07	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	<50	U		<100	U		<74	U		<140	U		<170	U		<79	U		<130	U		<83	U	
		VMP-1-23.5-050813	5/8/2013	<0.048	U		<0.098	U		<0.071	U		<0.13	U		<0.16	U		<0.076	U		<0.13	U		<0.08	U	
		VMP-1-23.5-050813-Dup	5/8/2013	<0.045	U		<0.092	U		<0.067	U		<0.12	U		<0.15	U		<0.071	U		<0.12	U		<0.075	U	
		VMP-1-23.5-072913	7/29/2013	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-1-23.5-110413	11/4/2013	<0.015	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		0.00058	J		<0.0061	U	
		VMP-1-23.5-020714	2/7/2014	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-1-23.5-043014	4/30/2014	<0.014	J	U	<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-1-23.5-080714	8/7/2014	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.001	J		<0.025	U		<0.0063	U	
		VMP-1-23.5-103114	10/31/2014	0.064			<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.0013	J		<0.025	U		<0.0064	U	
		VMP-1-23.5-020915	2/9/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-1-23.5-050515	5/5/2015	0.0013	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-1-23.5-073015	7/30/2015	<0.019	J	U	<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.001	J		0.0095	J		<0.0079	U	
		VMP-1-23.5-110315	11/3/2015	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0051	J		<0.026	U		<0.0066	U	
		VMP-1-23.5-020316	2/3/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-1-23.5-050316	5/3/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	UJ	<0.0074	U	
		VMP-1-23.5-050316-DUP	5/3/2016	0.00068	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U	UJ	<0.0072	U	
		VMP-1-23.5-072516	7/25/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-1-23.5-072516-DUP	7/25/2016	0.0077	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP1-23.5-102816	10/28/2016	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0026	J		<0.025	U		<0.0063	U	
	38.5 ft	VMP-1-38.5	11/2/2009	<3.5	U		<7	U		<5.2	U		<9.5	U		<3	U		<5.5	U		<9.2	U		<5.8	U	
		VMP-1-38.5-073112	7/31/2012	<0.012	U		<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		0.0011	J		0.022			<0.0048	U	
		VMP-1-38.5-102612	10/26/2012	<2	U		<4.1	U		<3	U		<5.5	U		<6.9	U		<3.2	U		<5.4	U		<3.4	U	
		VMP-1-38.5-012113	1/21/2013	<0.11	U	UJ	<0.055	U	UJ	<0.04	U	UJ	<0.075	U	UJ	<0.093	U	UJ	<0.043	U	UJ	<0.18	U	UJ	<0.046	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	<37	U		<75	U		<55	U		<100	U		<120	U		<58	U		<98	U		<62	U	
		VMP-1-38.5-050913	5/9/2013	<480	U		<240	U		<180	U		<320	U		<400	U		<190	U		<790	U		<200	U	
		VMP-1-38.5-020714	2/7/2014	<0.037	U		<0.075	U		<0.055	U		<0.1	U		<0.13	U		<0.058	U		<0.099	U		<0.062	U	
		VMP-1-38.5-020714-Dup	2/7/2014	<0.04	U		<0.08	U		<0.058	U		<0.11	U		<0.13	U		<0.062	U		<0.1	U		<0.066	U	
		VMP-1-38.5-043014	4/30/2014	0.019	J		<0.077	U		<0.057	U		<0.1	U		<0.13	U		<0.06	U		<0.25	U		<0.064	U	
		VMP-1-38.5-080714	8/7/2014	<0.97	U	UJ	<2	U		<1.4	U		<2.6	U		<3.3	U	UJ	<1.5	U		<2.6	U	UJ	<1.6	U	
		VMP-1-38.5-103114	10/31/2014	<0.038	U		<0.076	U		<0.056	U		<0.1	U		<0.13	U		<0.059	U		<0.1	U		<0.063	U	
		VMP-1-38.5-020915	2/9/2015	<1.6	U		0.27	J		<0.61	U		<1.1	U		<1.4	U		0.34	J		<2.7	U		<0.68	U	
		VMP-1-38.5-020915-DUP	2/9/2015	<1.6	U		<0.8	U		<0.58	U		<1.1	U		<1.3	U		<0.62	U		<2.6	U		<0.66	U	
		VMP-1-38.5-050515	5/5/2015	<0.41	U		<0.83	U		<0.61	U		<1.1	U		<1.4	U		<0.65	U		<1.1	U		<0.68	U	
		VMP-1-38.5-061515-R	6/15/2015	<0.045	U		<0.092	U		<0.067	U		<0.12	U		<0.15	U		<0.071	U		<0.12	U		<0.075	U	
		VMP-1-38.5-073015	7/30/2015	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11									
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	5 ft	VMP-2-5	11/2/2009	<0.45	U		<0.92	U		<0.67	U		<1.2	U		<0.38	U		<0.71	U		<1.2	U		<0.75	U	
		VMP - 2 - 5 - 083110	8/31/2010	<1.4	U		<2.8	U		<2.1	U		<3.8	U		<1.2	U		<2.2	U		<3.7	U		<2.3	U	
		VMP-2-5-111610	11/16/2010	<2	U		<4.2	U		<3	U		<5.6	U		<1.7	U		<3.2	U		<5.4	U		<3.4	U	
		VMP-2-5-020411	2/4/2011	<0.54	U		<1.1	U		<0.79	U		<1.5	U		<0.46	U		<0.84	U		<1.4	U		<0.89	U	
		VMP-2-5-041311	4/13/2011	0.0038	J		<0.0087	U		<0.0064	J	U	<0.012	U		<0.015	U		<0.0068	U		<0.011	U		<0.0072	U	
		VMP-2-5-080211	8/2/2011	<4.5	U		<9.1	U		<6.6	U		<12	U		<15	U		<7	U		<12	U		<7.5	U	
		VMP-2-5-110711	11/7/2011	<0.011	J	U	<0.0054	U		<0.0039	J	U	<0.0073	U		<0.009	U		<0.0042	U		<0.0071	U		<0.0044	U	
		VMP-2-5-012512	1/25/2012	2.3			<0.61	U		0.17	J		<0.83	U		<1	U		<0.47	U		<0.8	U		<0.5	U	
		VMP-2-5-042512	4/25/2012	0.0075	J		<0.024	U		0.0077	J		<0.032	U		<0.04	U		<0.019	U		<0.079	U		<0.02	U	
		VMP-2-5-071612	7/16/2012	<0.012	J	U	<0.0058	U		<0.0043	J	U	<0.0079	U		<0.0098	U		0.0067			<0.019	U		<0.0048	U	
		VMP-2-5-102412	10/24/2012	<0.018	J	U	<0.009	U		<0.0066	J	U	<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-2-5-013113	1/31/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-2-5-050613	5/6/2013	<0.016	J	U	<0.0081	U		<0.0059	J	U	<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	J	U
		VMP-2-5-022614	2/26/2014	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-2-5-050114	5/1/2014	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-2-5-111014	11/10/2014	0.0028	J		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		0.0028	J		<0.022	U		<0.0056	U	
		VMP-2-5-021015	2/10/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0019	J		<0.027	U		<0.0068	U	
		VMP-2-5-050615	5/6/2015	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0014	J		<0.03	U		<0.0075	U	
		VMP-2-5-110415	11/4/2015	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-2-5-020116	2/1/2016	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-2-5-042716	4/27/2016	<0.019	U		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-2-5-072616	7/26/2016	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	ND,UJ	UJ	<0.0068	U	
		VMP-2-5-102616	10/26/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
	8.5 ft	VMP-2-8.5	11/3/2009	<0.16	U		<0.32	U		<0.23	U		<0.43	U		<0.13	U		<0.25	U		<0.42	U		<0.26	U	
		VMP-2-8.5-D	11/3/2009	<0.17	U		<0.34	U		<0.25	U		<0.46	U		<0.14	U		<0.26	U		<0.45	U		<0.28	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	<1.4	U		<2.9	U		<2.1	U		<3.9	U		<1.2	U		<2.2	U		<3.8	U		<2.4	U	
		VMP-2-8.5-111610	11/16/2010	<3.9	U		<7.9	U		<5.8	U		<11	U		<3.3	U		<6.2	U		<10	U		<6.5	U	
		VMP-2-8.5-020411	2/4/2011	<1.3	U		<2.7	U		<2	U		<3.7	U		<1.1	U		<2.1	U		<3.6	U		<2.2	U	
		VMP-2-8.5-041311	4/13/2011	0.36	J		0.12	J	J	0.098	J		<1.1	U		<1.4	U		0.11	J		<1.1	U		<0.68	U	
		VMP-2-8.5-080211	8/2/2011	8	J		<33	U		<24	U		<45	U		<56	U		<26	U		<44	U		<27	U	
		VMP-2-8.5-110711	11/7/2011	<0.14	U		<0.072	U		<0.052	U		<0.097	U		<0.12	U		<0.056	U		<0.094	U		<0.059	U	
		VMP-2-8.5-012612	1/26/2012	<1.6	U		<3.2	U		<2.3	U		<4.3	U		<5.3	U		<2.5	U		<4.2	U		<10	U	
		VMP-2-8.5-012612-DUP	1/26/2012	<1.6	U		<3.2	U		<2.3	U		<4.3	U		<5.3	U		<2.5	U		<4.2	U		<10	U	
		VMP-2-8.5-041612	4/16/2012	<0.012	J	U	<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		<0.0051	U	
		VMP-2-8.5-041612-Dup	4/16/2012	<0.012	J	U	<0.0063	U		<0.0046	U		<0.0086	U		<0.011	U		<0.0049	U		0.00093	J		<0.0052	U	
		VMP-2-8.5-071612	7/16/2012	<0.014	J	U	<0.007	U		<0.0049		U	<0.0095	U		<0.012	U		0.0068			<0.023	U		<0.0058	U	
		VMP-2-8.5-071612-Dup	7/16/2012	<0.011	J	U	<0.0058	U		<0.0042	J	U	<0.0078	U		<0.0097	U		0.0063			<0.019	U		<0.0048	U	
		VMP-2-8.5-102312	10/23/2012	<0.018	U		<0.0092	U		<0.0067	J	U	<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-2-8.5-020513	2/5/2013	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-2-8.5-050613	5/6/2013	<0.017	J	U	<0.0087	U		<0.0064	J	U	<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	J	U
		VMP-2-8.5-050613-Dup	5/6/2013	<0.017	J	U	<0.0085	U		<0.0062	J	U	<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	J	U
		VMP-2-8.5-022614	2/26/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-2-8.5-050114	5/1/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-2-8.5-081514	8/15/2014	<0.02	J	U	0.0014	J		<0.0073	U		<0.014	U		<0.017	U		0.004	J		<0.033	U		<0.0082	U	
		VMP-2-8.5-081514-DUP	8/15/2014	<0.021	J	U	0.0014	J		<0.0077	U		<0.014	U		<0.018	U		0.0036	J		<0.034	U		<0.0086	U	
		VMP-2-8.5-111014	11/10/2014	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.003	J		<0.03	U		<0.0077	U	
		VMP-2-8.5-021015	2/10/2015	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-2-8.5-050615	5/6/2015	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-2-8.5-110415	11/4/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-2-8.5-021616	2/16/2016	0.013	J		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		<0.0082	U	
		VMP-2-8.5-042716	4/27/2016	<0.019	U		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-2-8.5-072616	7/26/2016	0.0072	J		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	ND,UJ	UJ	<0.0076	U	
		VMP-2-8.5-102616	10/26/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	22 ft	VMP-2-22	11/3/2009	<0.87	U		<1.8	U		<1.3	U		<2.4	U		<0.74	U		<1.4	U		<2.3	U		<1.4	U	
		VMP - 2 - 22 - 083110	8/31/2010	<2.2	U		<4.4	U		<3.2	U		<6	U		<1.9	U		<3.4	U		<5.8	U		<3.6	U	
		VMP-2-22-111610	11/16/2010	<4.1	U		<8.3	U		<6.1	U		<11	U		<3.5	U		<6.4	U		<11	U		<6.8	U	
		VMP-2-22-020411	2/4/2011	<1.8	U		<3.7	U		<2.7	U		<5.1	U		<1.6	U		<2.9	U		<4.9	U		<3.1	U	
		VMP-2-22-041311	4/13/2011	<22	U		<11	U		0.89	J		<15	U		<18	U		<8.5	U		<14	U		<9	U	
		VMP-2-22-080211	8/2/2011	<22	U		<44	U		<32	U		<60	U		<74	U		<34	U		<58	U		<36	U	
		VMP-2-22-110711	11/7/2011	<4.6	U		<2.4	U		<1.7	U		<3.2	U		<3.9	U		<1.8	U		<3.1	U		<1.9	U	
		VMP-2-22-012612	1/26/2012	<2.4	U		<4.9	U		<3.6	U		<6.6	U		<8.2	U		<3.8	U		<6.4	U		<16	U	
		VMP-2-22-042712	4/27/2012	<0.01	J	U	<0.0051	U		<0.0037	J	U	<0.0068	U		<0.0085	U		0.0065			<0.017	U		0.00074	J	
		VMP-2-22-071612	7/16/2012	<0.012	J	U	<0.006	U		<0.0044	J	U	<0.0081	U		<0.01	U		0.006			<0.02	U		<0.0049	U	
		VMP-2-22-102312	10/23/2012	<0.018	J	U	<0.0092	U		<0.0067	J	U	<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-2-22-013113	1/31/2013	0.002	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-2-22-050613	5/6/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-2-22-081213	8/12/2013	<0.019	J	U	<0.0097	U		0.0013	J		0.0025	J		<0.016	U		<0.0075	U		<0.032	UJ	UJ	<0.008	U	
		VMP-2-22-111513	11/15/2013	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-2-22-022614	2/26/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-2-22-050114	5/1/2014	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.0061	U	
		VMP-2-22-081414	8/14/2014	<0.019	J	U	<0.0098	U		<0.0071	U		<0.013	U		<0.016	U		0.0071	J		<0.032	U		<0.008	U	
		VMP-2-22-111014	11/10/2014	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-2-22-021015	2/10/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-2-22-021015-DUP	2/10/2015	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-2-22-050615	5/6/2015	0.0069	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-2-22-073015	7/30/2015	0.027			<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0046	J		<0.027	U		<0.0068	U	
		VMP-2-22-110415	11/4/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-2-22-020116	2/1/2016	0.0023	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.004	J		<0.029	U		<0.0073	U	
		VMP-2-22-020116-DUP	2/1/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0043	J		<0.03	U		<0.0075	U	
		VMP-2-22-042716	4/27/2016	<0.02	U		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		<0.0082	U	
		VMP-2-22-072616	7/26/2016	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0053	J		<0.03	ND,UJ	UJ	<0.0074	U	
		VMP-2-22-102616	10/26/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
	42 ft	VMP-2-42	11/3/2009	<17	U		<35	U		<25	U		<47	U		<14	U		<27	U		<45	U		<28	U	
		VMP-2-42-013113	1/31/2013	30	J		<82	U		<60	U		<110	U		<140	U		<63	U		<270	U		22	J	
		VMP-2-42-050613	5/6/2013	<68	U		<35	U		<25	U		<47	U		<58	U		<27	U		<110	U		<28	U	
		VMP-2-42-022614	2/26/2014	<38	U		<77	U		<56	U		<100	U		<130	U		<60	U		<100	U		<63	U	
		VMP-2-42-050114	5/1/2014	<3.6	U		<7.2	U		<5.2	U		<9.7	U		<12	U		<5.6	U		<9.4	U		<5.9	U	
		VMP-2-42-081414	8/14/2014	<17	U	UJ	<35	U		<26	U		<48	U		<59	U	UJ	<27	U		<46	U	UJ	<29	U	
		VMP-2-42-021015	2/10/2015	<3.7	U		<7.5	U		<5.5	U		<10	U		<12	U		<5.8	U		<9.8	U		<6.2	U	
		VMP-2-42-050615	5/6/2015	<53	U		<110	U		<78	U		<140	U		<180	U		<83	U		<140	U		<88	U	
		VMP-2-42-061515-R	6/15/2015	<42	U		<86	U		<63	U		<120	U		<140	U		<66	U		<110	U		<70	U	
		VMP-2-42-073015	7/30/2015	130	J		<510	U		<370	U		<690	U		<850	U		<400	U		<1700	U		<420	U	
VMP-3	5 ft	VMP-3-5	11/3/2009	<0.017	U		<0.034	U		<0.025	U		<0.046	U		<0.014	U		<0.026	U		<0.045	U		<0.028	U	
		VMP-3-5-090910	9/9/2010	<4.1	U		<8.4	U		<6.1	U		<11	U		<3.5	U		<6.5	U		<11	U		<6.9	U	
		VMP-3-5-112210	11/22/2010	<4.2	U		3.7	J		<6.2	U		<11	U		<3.5	U		<6.6	U		<11	U		<7	U	
		VMP-3-5-020911	2/9/2011	<1.9	U		<3.8	U		<2.8	U		<5.2	U		<1.6	U		<3	U		<5	U		<3.1	U	
		VMP-3-5-041411	4/14/2011	<20	U		<41	U		<30	U		<55	U		<69	U		<32	U		<54	U		<34	U	
		VMP-3-5-080211	8/2/2011	0.007	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.013	U		<0.008	U	
		VMP-3-5-110811	11/8/2011	<0.011	U		<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		<0.0071	U		<0.0044	U	
		VMP-3-5-110811-DUP	11/8/2011	<0.011	U		<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.0072	U		<0.0045	U	
		VMP-3-5-012712	1/27/2012	<1.4	U		<2.8	U		<2	U		<3.7	U		<4.6	U		<2.1	U		<3.6	U		<9	U	
		VMP-3-5-041912	4/19/2012	<0.012	J	U	<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		<0.02	U		<0.0049	U	
		VMP-3-5-072712	7/27/2012	0.013		J	0.0032	J		<0.0046	J	U	<0.0086	U		<0.011	U		0.0072			<0.021	U		<0.0052	U	
		VMP-3-5-060413	6/4/2013	0.012	J		<0.01	U		<0.0073	J	U	0.0015	J		<0.017	U		0.077			<0.033	U		<0.0082	U	
		VMP-3-5-072913	7/29/2013	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.009			<0.031	U		<0.0079	U	
		VMP-3-5-110613	11/6/2013	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.012			<0.027	U		<0.0067	U	
		VMP-3-5-021314	2/13/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0014	J		<0.026	U		<0.0065	U	
		VMP-3-5-050214	5/2/2014	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0031	J		<0.026	U		<0.0064	U	
		VMP-3-5-081214	8/12/2014	0.006	J		<0.017	U		<0.012	U		<0.023	U		<0.029	U		0.0041	J		<0.056	U		<0.014	U	
		VMP-3-5-103114	10/31/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0026	J		<0.029	U		<0.0072	U	
		VMP-3-5-020915	2/9/2015	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.004	J		<0.025	U		<0.0064	U	
		VMP-3-5-050415	5/4/2015	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0017	J		<0.029	U		<0.0074	U	
		VMP-3-5-072915	7/29/2015	0.0045	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	J	U	0.0039	J		<0.0068	U	
		VMP-3-5-110515	11/5/2015	<0.014	J	U	<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		0.0018	J		<0.0058	U	
		VMP-3-5-021616	2/16/2016	<0.014	J	U	<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-3-5-042716	4/27/2016	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.0012	J		<0.027	U		<0.0067	U	
		VMP-3-5-080116	8/1/2016	0.0062	J		<0.012	U		<0.009	U		<0.017	U		<0.021	U		0.011			<0.04	U		<0.01	U	
		VMP-3-5-102616	10/26/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10	6/21/2010	<4.7	U		<9.5	U		<7	U		<13	U		<4	U		<7.4	U		<12	U		<7.8	U	
		VMP 3-10-091010	9/10/2010	<13	U		<27	U		<20	U		<36	U		<11	U		<21	U		<35	U		<22	U	
		VMP-3-10-092010	9/20/2010	<9.6	U		<20	U		<14	U		<26	U		<8.2	U		<15	U		<26	U		<16	U	
		VMP-3-10-112210	11/22/2010	<4.1	U		<8.3	U		<6.1	U		<11	U		<3.5	U		<6.4	U		<11	U		<6.8	U	
		VMP-3-10-112210-Dup	11/22/2010	<5.7	U		<12	U		<8.5	U		<16	U		<4.8	U		<9	U		<15	U		<9.5	U	
		VMP-3-10-020811	2/8/2011	<6	U		<12	U		<8.9	U		<16	U		<5.1	U		<9.5	U		<16	U		<10	U	
		VMP-3-10-041311	4/13/2011	<35	U		<71	U		<52	U		<96	U		<120	U		<55	U		<93	U		<58	U	
		VMP-3-10-080311	8/3/2011	0.038	J		<0.089	U		0.13			<0.12	U		<0.15	U		<0.069	U		<0.12	U		<0.074	U	
		VMP-3-10-110811	11/8/2011	0.013	J		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.018			<0.0096	U		<0.006	U	
		VMP-3-10-012712	1/27/2012	<0.026	U		<0.053	U		<0.039	U		<0.072	U		<0.089	U		<0.041	U		<0.069	U		<0.17	U	
		VMP-3-10-042012	4/20/2012	<0.011	J	U	<0.0054	U		<0.0039	J	U	<0.0073	U		<0.009	U		0.002	J		<0.018	U		<0.0044	J	U
		VMP-3-10-072312	7/23/2012	<0.012	U		<0.0063	U		<0.0046	U		<0.0086	U		<0.011	U		0.0056			<0.021	U		<0.0052	J	U
		VMP-3-10-101812	10/18/2012	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-3-10-020613	2/6/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-3-10-060413	6/4/2013	0.033			<0.0095	U		<0.0069	J	U	<0.013	U		<0.016	U		0.014			<0.031	U		<0.0078	U	
		VMP-3-10-072913	7/29/2013	0.011	J		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0056	J		<0.03	U		<0.0076	U	
		VMP-3-10-110613	11/6/2013	<0.017	U		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.06			<0.028	U		<0.0069	U	
		VMP-3-10-022814	2/28/2014	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.011			<0.024	U		<0.0062	U	
		VMP-3-10-022814-Dup	2/28/2014	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.012			<0.024	U		<0.0059	U	
		VMP-3-10-050214	5/2/2014	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-3-10-081214	8/12/2014	0.028			<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.0092			<0.031	U		<0.0078	U	
		VMP-3-10-103114	10/31/2014	0.0035	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0044	J		<0.027	U		<0.0068	U	
		VMP-3-10-020915	2/9/2015	<0.014	U		<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		0.01			<0.023	U		<0.0058	U	
		VMP-3-10-050415	5/4/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0019	J		<0.03	U		<0.0074	U	
		VMP-3-10-072915	7/29/2015	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.008			0.0062	J		<0.0063	U	
		VMP-3-10-110315	11/3/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0021	J		<0.029	U		<0.0072	U	
		VMP-3-10-021616	2/16/2016	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-3-10-042716	4/27/2016	0.0039	J		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.0064	J		<0.031	U		<0.0078	U	
		VMP-3-10-080216	8/2/2016	0.077			<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0096			<0.028	U		<0.0071	U	
		VMP-3-10-102616	10/26/2016	0.011	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.0037	J		<0.032	U		<0.0081	U	
	22 ft	VMP-3-22	11/4/2009	<12	U		<24	U		<18	U		<33	U		<10	U		<19	U		<32	U		<20	U	
		VMP-3-22-092010	9/20/2010	<13	U		<26	U		<19	U		<35	U		<11	U		<20	U		<34	U		<21	U	
		VMP-3-22-112210	11/22/2010	<14	U		<29	U		<21	U		<40	U		<12	U		<23	U		<38	U		<24	U	
		VMP-3-22-020811	2/8/2011	<7.1	U		<14	U		<10	U		<20	U		<6	U		<11	U		<19	U		<12	U	
		VMP-3-22-041511	4/15/2011	<39	U		<78	U		<57	U		<100	U		<130	U		<60	U		<100	U		<64	U	
		VMP-3-22-080611	8/6/2011	<0.062	U		<0.12	U		<0.091	U		<0.17	U		<0.21	U		<0.096	U		<0.16	U		<0.1	U	
		VMP-3-22-110811	11/8/2011	<0.011	U		<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.0072	U		<0.0045	U	
		VMP-3-22-013012	1/30/2012	<0.044	J	U	<0.022	U		<0.016	J	U	<0.03	U		<0.037	U		<0.017	U		<0.029	U		<0.018	U	
		VMP-3-22-042012	4/20/2012	<0.011	J	U	<0.0055	U		<0.004	J	U	<0.0074	U		<0.0092	U		0.00067	J		<0.018	U		<0.0045	J	U
		VMP-3-22-072312	7/23/2012	<0.012	U		<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		<0.0051	J	U
		VMP-3-22-101812	10/18/2012	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.033			<0.03	U		<0.0077	U	
		VMP-3-22-020613	2/6/2013	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.078			<0.03	U		<0.0075	U	
		VMP-3-22-060413	6/4/2013	<0.018	J	U	<0.009	U		<0.0066	J	U	<0.012	U		<0.015	U		0.042			0.0076	J		<0.0074	U	
		VMP-3-22-060413-Dup	6/4/2013	<0.018	J	U	<0.0093	U		<0.0068	J	U	<0.012	U		<0.016	U		0.042			<0.03	U		<0.0076	U	
		VMP-3-22-072913	7/29/2013	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.064			<0.029	U		<0.0073	U	
		VMP-3-22-110613	11/6/2013	<0.017	U	UJ	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.11			<0.028	U		<0.0069	U	
		VMP-3-22-110613-Dup	11/6/2013	0.04		J	<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.094			<0.026	U		<0.0066	U	
		VMP-3-22-021314	2/13/2014	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.2			<0.025	U		<0.0064	U	
		VMP-3-22-050214	5/2/2014	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.038			<0.025	U		<0.0063	U	
		VMP-3-22-081214	8/12/2014	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.057			<0.03	U		<0.0076	U	
		VMP-3-22-103114	10/31/2014	0.0027	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.031			<0.026	U		<0.0065	U	
		VMP-3-22-020915	2/9/2015	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.021			<0.025	U		<0.0063	U	
		VMP-3-22-050815	5/8/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-3-22-072915	7/29/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0065	J		<0.03	U		<0.0074	U	
		VMP-3-22-110315	11/3/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.033			<0.027	U		<0.0068	U	
		VMP-3-22-021616	2/16/2016	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.019			<0.029	U		<0.0074	U	
		VMP-3-22-042716	4/27/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.012			<0.027	U		<0.0069	U	
		VMP-3-22-080116	8/1/2016	0.022			<0.011	U		<0.0081	U		<0.015	U		<0.019	U		0.0092			<0.036	U		<0.0091	U	
		VMP-3-22-102616	10/26/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.021			<0.03	U		<0.0074	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	31.5 ft	VMP-3-31.5	11/4/2009	<19	U		<39	U		<28	U		<53	U		<16	U		<30	U		<51	U		<32	U	
		VMP-3-31.5-090910	9/9/2010	<24	U		<48	U		<35	U		<65	U		<20	U		<37	U		<63	U		<39	U	
		VMP-3-31.5-112210	11/22/2010	<16	U		<33	U		<24	U		<45	U		<14	U		<26	U		<44	U		<27	U	
		VMP-3-31.5-020911	2/9/2011	<16	U		<32	U		<23	U		<43	U		<13	U		<25	U		<42	U		<26	U	
		VMP-3-31.5-041411	4/14/2011	<130	U		<260	U		<190	U		<350	U		<440	U		<200	U		<340	U		<220	U	
		VMP-3-31.5-041411-DUP	4/14/2011	<130	U		<260	U		<190	U		<350	U		<440	U		<200	U		<340	U		<220	U	
		VMP-3-31.5-080211	8/2/2011	<290	U		<590	U		<430	U		<800	U		<990	U		<460	U		<780	U		<490	U	
		VMP-3-31.5-080211-Dup	8/2/2011	<170	U		<350	U		<250	U		<470	U		<580	U		<270	U		<450	U		<280	U	
		VMP-3-31.5-110811	11/8/2011	13	J		<14	U		<10	U		<19	U		<23	U		<11	U		<18	U		<11	U	
		VMP-3-31.5-012712	1/27/2012	<43	U		<87	U		<64	U		<120	U		<150	U		<68	U		<110	U		<290	U	
		VMP-3-31.5-041912	4/19/2012	<74	U		<150	U		<110	U		<200	U		<250	U		<120	U		<200	U		<120	U	
		VMP-3-31.5-041912-Dup	4/19/2012	<71	U		<140	U		<100	U		<200	U		<240	U		<110	U		<190	U		<120	U	
		VMP-3-31.5-072312	7/23/2012	<18	U		<36	U		<26	U		<49	U		<60	U		<28	U		<47	U		<30	U	
		VMP-3-31.5-101912	10/19/2012	<1.4	U		<2.9	U		<2.1	U		<3.9	U		<4.8	U		<2.2	U		<3.8	U		<2.4	U	
		VMP-3-31.5-020713	2/7/2013	1.3	J		<16	U		<12	U		<22	U		<27	U		<12	U		<21	U		<13	U	
		VMP-3-31.5-060413	6/4/2013	<4.4	U		<8.9	U		<6.5	U		<12	U		1.5	J		<6.9	U		<12	U		<7.3	U	
		VMP-3-31.5-072913	7/29/2013	<18	U		<9.3	U		<6.8	U		<13	U		<16	U		<7.2	U		<30	U		<7.7	U	
		VMP-3-31.5-110613	11/6/2013	<0.2	U		<0.4	U		<0.29	U		<0.54	U		<0.66	U		<0.31	U		<0.52	U		<0.33	U	
		VMP-3-31.5-022114	2/21/2014	<0.061	U		<0.031	U		<0.023	U		<0.042	U		<0.052	U		<0.024	U		<0.1	U		<0.025	U	
		VMP-3-31.5-050214	5/2/2014	0.098	J		<0.4	U		<0.29	U		<0.54	U		<0.67	U		<0.31	U		<1.3	U		<0.33	U	
		VMP-3-31.5-081214	8/12/2014	0.032			<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-3-31.5-103114	10/31/2014	0.0043	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-3-31.5-020915	2/9/2015	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0037	J		<0.023	U		<0.0058	U	
		VMP-3-31.5-110315	11/3/2015	0.0062	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0041	J		0.0053	J		<0.0066	U	
		VMP-3-31.5-020116	2/1/2016	<0.021	J	U	<0.011	U		<0.0078	U		<0.014	U		<0.018	U		0.005	J		<0.035	U		<0.0087	U	
		VMP-3-31.5-042716	4/27/2016	0.0038	J		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0069			<0.026	U		<0.0066	U	
		VMP-3-31.5-080116	8/1/2016	0.0087	J		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.0026	J		<0.031	U		<0.0078	U	
		VMP-3-31.5-102616	10/26/2016	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0036	J		<0.024	U		<0.0062	U	
	39 ft	VMP-3-39	11/4/2009	<38	U		<78	U		<57	U		<100	U		<32	U		<60	U		<100	U		<64	U	
		VMP-3-39-101912	10/19/2012	<140	U		<290	U		<210	U		<390	U		<480	U		<220	U		<380	U		<240	U	
		VMP-3-39-021213	2/12/2013	<41	U		<83	U		<61	U		<110	U		<140	U		<64	U		<110	U		<68	U	
		VMP-3-39-060413	6/4/2013	<4.3	U		<8.6	U		<6.3	U		<12	U		<14	U		<6.7	U		<11	U		<7.1	U	
		VMP-3-39-072913	7/29/2013	<15	U		<7.4	U		<5.4	U		<10	U		<12	U		<5.7	U		<24	U		<6.1	U	
		VMP-3-39-110613	11/6/2013	<3.9	U		<7.9	U		<5.8	U		<11	U		<13	U		<6.2	U		<10	U		<6.5	U	
		VMP-3-39-022114	2/21/2014	<38	U		<76	U		<56	U		<100	U		<130	U		<59	U		<100	U		<63	U	
		VMP-3-39-050214	5/2/2014	<0.84	U		<1.7	U		<1.2	U		<2.3	U		<2.9	U		<1.3	U		<2.2	U		<1.4	U	
		VMP-3-39-050214-Dup	5/2/2014	<1.8	U		<3.6	U		<2.6	U		<4.9	U		<6.1	U		<2.8	U		<4.7	U		<3	U	
		VMP-3-39-081214	8/12/2014	<2.4	U	UJ	<4.9	U		<3.6	U		<6.6	U		<8.2	U	UJ	<3.8	U		<6.4	U	UJ	<4	U	
		VMP-3-39-103114	10/31/2014	<0.22	U		<0.45	U		<0.33	U		<0.61	U		<0.76	U		<0.35	U		<0.59	U		<0.37	U	
		VMP-3-39-020915	2/9/2015	<50	U		<25	U		<18	U		<34	U		<42	U		<19	U		<82	U		<21	U	
		VMP-3-39-110315	11/3/2015	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-3-39-020116	2/1/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-3-39-020116-DUP	2/1/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
VMP-4	5 ft	VMP-4-5	11/5/2009	<0.039	U		<0.08	U		<0.058	U		<0.11	U		<0.033	U		<0.062	U		<0.1	U		<0.065	U	
		VMP-4-5-082510	8/25/2010	<0.22	U		<0.45	U		<0.33	U		<0.61	U		<0.19	U		<0.35	U		<0.59	U		<0.37	U	
		VMP-4-5-112210	11/22/2010	<8.4	U		<17	U		<12	U		<23	U		<7.1	U		<13	U		<22	U		<14	U	
		VMP-4-5-021411	2/14/2011	<0.49	U		<0.99	U		<0.72	U		<1.3	U		<0.42	U		<0.77	U		<1.3	U		<0.82	U	
		VMP-4-5-041911	4/19/2011	<22	U		<46	U		<33	U		<62	U		<76	U		<35	U		<60	U		<38	U	
		VMP-4-5-080311	8/3/2011	<0.19	U		<0.098	U		0.02	J		<0.13	U		<0.16	U		<0.076	U		<0.13	U		<0.08	U	
		VMP-4-5-110911	11/9/2011	<0.011	U		<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		0.0014	J		<0.0044	U	
		VMP-4-5-013012	1/30/2012	<0.14	U		<0.28	U		<0.2	U		<0.37	U		<0.46	U		<0.21	U		<0.36	U		<0.23	U	
		VMP-4-5-042512	4/25/2012	<0.014	J	U	<0.0068	U		<0.005	J	U	<0.0092	U		<0.011	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-4-5-072512	7/25/2012	0.014		J	<0.0067	U		<0.0049	J	U	<0.0091	U		<0.011	U		0.0019	J		<0.022	U		<0.0055	U	
		VMP-4-5-101812	10/18/2012	<0.019	U		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-4-5-020713	2/7/2013	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-4-5-050913	5/9/2013	<0.02	U		<0.0099	U		<0.0072	U		<0.013	U		<0.016	U		<0.0077	U		<0.032	U		<0.0081	U	
		VMP-4-5-080113	8/1/2013	<0.019	J	U	<0.0095	U		<0.007	J	U	<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-4-5-120313-R	12/3/2013	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-4-5-022714	2/27/2014	<0.014	J	U	<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		<0.0054	J	U	<0.023	U		<0.0058	U	
		VMP-4-5-050214	5/2/2014	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-4-5-081514	8/15/2014	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0072	J	U	<0.03	U		<0.0076	U	
		VMP-4-5-021015	2/10/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-4-5-110215	11/2/2015	0.0017	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-4-5-020316	2/3/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-4-5-050516	5/5/2016	0.036	J		<0.37	U		<0.27	U		<0.5	U		<0.62	U		<0.28	U		<1.2	U	UJ	<0.3	U	
		VMP-4-5-080216	8/2/2016	0.0033	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-4-5-102816	10/28/2016	0.0029	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	12 ft	VMP-4-12	11/5/2009	<0.66	U		<1.3	U		<0.97	U		<1.8	U		<0.56	U		<1	U		<1.7	U		<1.1	U	
		VMP-4-12-082510	8/25/2010	<3.9	U		<7.9	U		<5.8	U		<11	U		<3.3	U		<6.2	U		<10	U		<6.5	U	
		VMP-4-12-112310	11/23/2010	<4	U		<8.1	U		<5.9	U		<11	U		<3.4	U		<6.3	U		<11	U		<6.7	U	
		VMP-4-12-021411	2/14/2011	<1	U		<2	U		<1.5	U		<2.8	U		<0.85	U		<1.6	U		<2.7	U		<1.7	U	
		VMP-4-12-041911	4/19/2011	<19	U		<39	U		<29	U		<53	U		<66	U		<30	U		<52	U		<32	U	
		VMP-4-12-080311	8/3/2011	<2.2	U		<4.5	U		<3.3	U		<6.1	U		<7.6	U		<3.5	U		<5.9	U		<3.7	U	
		VMP-4-12-080311-Dup	8/3/2011	<4.5	U		<9.1	U		<6.6	U		<12	U		<15	U		<7	U		<12	U		<7.5	U	
		VMP-4-12-110911	11/9/2011	<2.7	U		<1.4	U		<1	U		<1.9	U		<2.3	U		<1.1	U		<1.8	U		<1.1	U	
		VMP-4-12-013012	1/30/2012	<1.4	U		<2.8	U		<2.1	U		<3.8	U		<4.7	U		<2.2	U		<3.7	U		<2.3	U	
		VMP-4-12-041812	4/18/2012	<0.012	J	U	<0.0063	U		<0.0046	U		<0.0086	U		<0.011	U		<0.0049	U		0.0028	J		<0.0052	U	
		VMP-4-12-072312	7/23/2012	<0.061	U		<0.031	U		<0.022	U		<0.041	U		<0.051	U		<0.024	U		<0.1	U		<0.025	U	
		VMP-4-12-101812	10/18/2012	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		0.002	J		<0.0078	U	
		VMP-4-12-101812-Dup	10/18/2012	0.0066	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		0.0071	J		<0.008	U	
		VMP-4-12-020713	2/7/2013	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-4-12-020713-DUP	2/7/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-4-12-050913	5/9/2013	<0.037	U		<0.019	U		<0.014	U		<0.026	U		<0.032	U		<0.015	U		<0.062	U		<0.016	U	
		VMP-4-12-080113	8/1/2013	<0.019	J	U	<0.0096	U		<0.007	J	U	<0.013	U		<0.016	U		0.0041	J		<0.031	U		<0.0079	U	
		VMP-4-12-120313-R	12/3/2013	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-4-12-022714	2/27/2014	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-4-12-050214	5/2/2014	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-4-12-081414	8/14/2014	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-4-12-021015	2/10/2015	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-4-12-051115	5/11/2015	0.0022	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-4-12-080315	8/3/2015	0.0036	J		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.0099			<0.031	U		<0.0078	U	
		VMP-4-12-110215	11/2/2015	0.0039	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-4-12-020316	2/3/2016	0.0019	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-4-12-050316	5/3/2016	0.0012	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0013	J		<0.028	U	UJ	<0.0071	U	
		VMP-4-12-080216	8/2/2016	0.0075	J		<0.01	U		<0.0076	U		<0.014	U		<0.017	U		0.0054	J		<0.034	U		<0.0085	U	
		VMP-4-12-102816	10/28/2016	0.003	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0034	J		<0.028	U		<0.007	U	
	23.5 ft	VMP-4-23.5	11/5/2009	<30	U		<61	U		<45	U		<83	U		<26	U		<47	U		<80	U		<50	U	
		VMP - 4 - 23.5 - 083110	8/31/2010	<4.5	U		<9.1	U		<6.6	U		<12	U		<3.8	U		<7	U		<12	U		<7.5	U	
		VMP-4-23.5-112310	11/23/2010	<45	U		<92	U		<67	U		<120	U		<38	U		<71	U		<120	U		<75	U	
		VMP-4-23.5-021411	2/14/2011	<1.6	U		<3.3	U		<2.4	U		<4.5	U		<1.4	U		<2.6	U		<4.4	U		<2.7	U	
		VMP-4-23.5-042011	4/20/2011	<100	U		<210	U		<160	U		<290	U		<360	U		<160	U		<280	U		<170	U	
		VMP-4-23.5-042011-DUP	4/20/2011	<100	U		<210	U		<160	U		<290	U		<360	U		<160	U		<280	U		<170	U	
		VMP-4-23.5-080611	8/6/2011	<4.4	U		<8.8	U		<6.5	U		<12	U		<15	U		<6.9	U		<12	U		<7.3	U	
		VMP-4-23.5-110911	11/9/2011	<52	U		<26	U		<19	U		<36	U		<44	U		<20	U		<35	U		<22	U	
		VMP-4-23.5-013012	1/30/2012	<28	U		<56	U		<41	U		<76	U		<94	U		<44	U		<74	U		<46	U	
		VMP-4-23.5-013012-DUP	1/30/2012	<19	U		<39	U		<29	U		<53	U		<66	U		<30	U		<52	U		<32	U	
		VMP-4-23.5-041912	4/19/2012	2	J		<12	U		<9	U		<17	U		<21	U		<9.6	U		<16	U		<10	U	
		VMP-4-23.5-072312	7/23/2012	<2.9	U		<5.9	U		<4.3	U		<8	U		<9.9	U		<4.6	U		<7.8	U		<4.9	U	
		VMP-4-23.5-101812	10/18/2012	<3.2	U		<6.5	U		<4.7	U		<8.8	U		<11	U		<5	U		<8.5	U		<5.3	U	
		VMP-4-23.5-020713	2/7/2013	<1	U		<2.1	U		<1.5	U		<2.8	U		<3.5	U		<1.6	U		<2.7	U		<1.7	U	
		VMP-4-23.5-051513	5/15/2013	<1.2	U		<2.4	U		<1.8	U		<3.3	U		<4.1	U		<1.9	U		<3.2	U		<2	U	
		VMP-4-23.5-080113	8/1/2013	0.93	J		<9.1	U		<6.6	U		<12	U		<15	U		<7	U		<12	U		<7.5	U	
		VMP-4-23.5-080113-Dup	8/1/2013	<4.5	U		<9.1	U		<6.6	U		<12	U		<15	U		<7	U		<12	U		<7.5	U	
		VMP-4-23.5-110713	11/7/2013	<0.75	U		<1.5	U		<1.1	U		<2	U		<2.5	U		<1.2	U		<2	U		<1.2	U	
		VMP-4-23.5-022714	2/27/2014	<0.14	U		<0.29	U		<0.21	U		<0.39	U		<0.48	U		<0.22	U		<0.38	U		<0.24	U	
		VMP-4-23.5-050214	5/2/2014	<0.34	U		<0.7	U		<0.51	U		<0.94	U		<1.2	U		<0.54	U		<0.91	U		<0.57	U	
		VMP-4-23.5-081314	8/13/2014	0.026	J		<0.18	U		<0.13	U		<0.24	U		<0.3	U		<0.14	U		<0.58	U		<0.15	U	
		VMP-4-23.5-090414-R	9/4/2014	0.056	J		<0.37	U		<0.27	U		<0.51	U		<0.63	U		<0.29	U		<1.2	U		<0.31	U	
		VMP-4-23.5-110714	11/7/2014	<0.2	U		<0.42	U		0.12	J		<0.56	U		<0.7	U		<0.32	U		<0.54	U		<0.34	U	
		VMP-4-23.5-021015	2/10/2015	<1.8	U		<0.92	U		<0.67	U		<1.2	U		<1.5	U		<0.72	U		<3	U		<0.76	U	
		VMP-4-23.5-050815	5/8/2015	0.16	J		<0.87	U		<0.64	U		<1.2	U		<1.5	U		<0.68	U		<2.9	U		<0.72	U	
		VMP-4-23.5-061515-R	6/15/2015	<0.046	U		<0.094	U		<0.068	U		<0.13	U		<0.16	U		<0.073	U		<0.12	U		<0.077	U	
		VMP-4-23.5-073015	7/30/2015	<0.17	U		<0.35	U		<0.26	U		<0.47	U		<0.58	U		<0.27	U		<0.46	U		<0.29	U	
		VMP-4-23.5-110215	11/2/2015	<0.086	U		<0.17	U		<0.13	U		<0.23	U		<0.29	U		<0.13	U		<0.23	U		<0.14	U	UJ
		VMP-4-23.5-020316	2/3/2016	<0.74	U	UJ	<1.5	U		<1.1	U		<2	U		<2.5	U		<1.2	U		<2	U		<1.2	U	
		VMP-4-23.5-020316-DUP	2/3/2016	<0.71	U	UJ	<1.4	U		<1	U		<1.9	U		<2.4	U		<1.1	U		<1.9	U		<1.2	U	
		VMP-4-23.5-050316	5/3/2016	<0.057	U		<0.11	U		<0.084	U		<0.16	U		<0.19	U		<0.089	U		<0.15	U		<0.094	U	
		VMP-4-23.5-080216	8/2/2016	1.1			<0.42	U		<0.31	U		<0.58	U		<0.71	U		<0.33	U		<1.4	U		<0.35	U	
		VMP-4-23.5-080216-DUP	8/2/2016	1.3			<0.43	U		<0.32	U		<0.59	U		<0.73	U		<0.34	U		<1.4	U		<0.36	U	
		VMP-4-23.5-092316-DUP-R	9/23/2016	<0.18	U		<0.093	U		<0.068	U		<0.13	U		<0.16	U		<0.072	U		<0.12	U		<0.077	U	
		VMP-4-23.5-092316-R	9/23/2016	<0.2	U		<0.1	U		<0.074	U		<0.14	U		<0.17	U		<0.078	U		<0.13	U		<0.083	U	
		VMP-4-23.5-102816	10/28/2016	<0.18	U		<0.089	U		<0.065	U		<0.12	U		<0.15	U		<0.069	U		<0.12	U		<0.073	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	39 ft	VMP-4-39	11/5/2009	<23	U		<47	U		<34	U		<63	U		<20	U		<36	U		<62	U		<38	U	
		VMP-4-39-042111	4/21/2011	<130	U		<260	U		<190	U		<360	U		<440	U		<200	U		<350	U		<220	U	
		VMP-4-39-041912	4/19/2012	<3.1	U		<6.3	U		<4.6	U		<8.6	U		<11	U		<4.9	U		<8.3	U		<5.2	U	
		VMP-4-39-072312	7/23/2012	<4.7	U		<9.5	U		<7	U		<13	U		<16	U		<7.4	U		<12	U		<7.8	U	
		VMP-4-39-101812	10/18/2012	<59	U		<120	U		<87	U		<160	U		<200	U		<92	U		<160	U		<98	U	
		VMP-4-39-101812-Dup	10/18/2012	<54	U		<110	U		<79	U		<150	U		<180	U		<84	U		<140	U		<89	U	
		VMP-4-39-020713	2/7/2013	3.2	J		<17	U		<12	U		<23	U		<28	U		<13	U		<22	U		<14	U	
		VMP-4-39-051513	5/15/2013	0.81	J		<9.2	U		<6.7	U		<12	U		<15	U		<7.1	U		<12	U		<7.5	U	
		VMP-4-39-110713	11/7/2013	<4.2	U		<8.4	U		<6.2	U		<11	U		<14	U		<6.5	U		<11	U		<6.9	U	
		VMP-4-39-022714	2/27/2014	<1.8	U		<3.7	U		<2.7	U		<5	U		<6.2	U		<2.9	U		<4.9	U		<3	U	
		VMP-4-39-050214	5/2/2014	<3.9	U		<7.9	U		<5.8	U		<11	U		<13	U		<6.1	U		<10	U		<6.5	U	
		VMP-4-39-081314	8/13/2014	<0.81	U	UJ	<1.6	U		<1.2	U		<2.2	U		<2.7	U	UJ	<1.3	U		<2.1	U	UJ	<1.3	U	
VMP-5	5 ft	VMP-5-5	11/5/2009	<0.7	U		<1.4	U		<1	U		<1.9	U		<0.59	U		<1.1	U		<1.8	U		<1.2	U	
		VMP-5-5-090910	9/9/2010	<8.2	U		<17	U		<12	U		<22	U		<7	U		<13	U		<22	U		<14	U	
		VMP-5-5-112210	11/22/2010	<2	U		<4	U		<3	U		<5.5	U		<1.7	U		<3.1	U		<5.3	U		<3.3	U	
		VMP-5-5-021611	2/16/2011	0.0081	J	J	<0.026	U		<0.019	U		<0.035	U		<0.011	U		<0.02	U		<0.034	U		<0.021	U	
		VMP-5-5-042111	4/21/2011	<0.041	U		<0.083	U		<0.061	U		<0.11	U		<0.14	U		<0.064	U		<0.11	U		<0.068	U	
		VMP-5-5-080511	8/5/2011	0.0037	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0015	J		<0.01	U		<0.0065	U	
		VMP-5-5-111111	11/11/2011	0.0024	J		<0.0058	U		<0.0043	U		<0.0079	U		<0.0098	U		<0.0045	U		<0.0077	U		<0.0048	U	
		VMP-5-5-013012	1/30/2012	0.12			<0.059	U		0.014	J		<0.08	U		<0.099	U		<0.046	U		<0.077	U		<0.048	U	
		VMP-5-5-041112	4/11/2012	0.002	J	J	0.00094	J		<0.0042	U		<0.0078	U		<0.0096	U		0.0024	J		<0.019	U		<0.0047	U	
		VMP-5-5-071312	7/13/2012	<0.013	J	U	<0.0064	U		<0.0047	J	U	<0.0086	U		<0.011	U		<0.005	J	U	<0.021	U		<0.0052	U	
		VMP-5-5-101212	10/12/2012	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-5-5-012513	1/25/2013	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-5-5-042913	4/29/2013	<0.018	J	U	<0.0088	U		<0.0065	J	U	<0.012	J	U	<0.015	U		<0.0069	U		<0.029	U		<0.0073	J	U
		VMP-5-5-082313-R	8/23/2013	<0.019	U		<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		0.048			<0.032	U		<0.0079	U	
		VMP-5-5-110513	11/5/2013	<0.015	J	U	0.00038	J		<0.0055	U		0.0015	J		<0.012	U		0.067			0.00046	J		<0.0062	U	
		VMP-5-5-021814	2/18/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.06			<0.026	U		<0.0066	U	
		VMP-5-5-042814	4/28/2014	<0.017	J	U	<0.0086	U		<0.0063	U		0.0043	J		<0.014	U		0.14			<0.028	U		<0.0071	U	
		VMP-5-5-080814	8/8/2014	<0.016	U		<0.0079	U		<0.0058	U		0.003	J		<0.013	U		0.2			<0.026	U		<0.0065	U	
		VMP-5-5-110514	11/5/2014	<0.015	U		<0.0075	U		<0.0055	U		0.002	J		<0.012	U		0.086			<0.024	U	UJ	<0.0062	U	
		VMP-5-5-013015	1/30/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.057			<0.027	U		<0.0068	U	
		VMP-5-5-042915	4/29/2015	0.0033	J		<0.0083	J	U	<0.0061	U		0.0032	J		<0.014	U		0.007			<0.027	U		<0.0068	U	
		VMP-5-5-072915	7/29/2015	0.0043	J		0.0028	J		<0.008	U		<0.015	U		<0.018	U		0.031			0.0083	J		<0.009	U	
		VMP-5-5-102915	10/29/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.021			<0.028	U		<0.007	U	
		VMP-5-5-012516	1/25/2016	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-5-5-042816	4/28/2016	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.0038	J		<0.029	U		<0.0073	U	
		VMP-5-5-072816	7/28/2016	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0058	J		<0.03	U		<0.0074	U	
		VMP-5-5-102516	10/25/2016	0.0032	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
	12.5 ft	VMP-5-12.5	11/6/2009	<0.8	U		<1.6	U		<1.2	U		<2.2	U		<0.68	U		<1.2	U		<2.1	U		<1.3	U	
		VMP-5-12.5-D	11/6/2009	<1.8	U		<3.6	U		<2.7	U		<4.9	U		<1.5	U		<2.8	U		<4.8	U		<3	U	
		VMP-5-12.5-090910	9/9/2010	<4.1	U		<8.3	U		<6.1	U		<11	U		<3.5	U		<6.4	U		<11	U		<6.8	U	
		VMP-5-12.5-112310	11/23/2010	<0.2	U		<0.42	U		<0.3	U		<0.56	U		<0.17	U		<0.32	U		<0.54	U		<0.34	U	
		VMP-5-12.5-021611	2/16/2011	<0.62	U		<1.2	U		<0.91	U		<1.7	U		<0.52	U		<0.97	U		<1.6	U		<1	U	
		VMP-5-12.5-042111	4/21/2011	<0.044	U		<0.089	U		<0.065	U		<0.12	U		<0.15	U		<0.069	U		<0.12	U		<0.073	U	
		VMP-5-12.5-080611	8/6/2011	<3.9	U		<7.8	U		<5.7	U		<10	U		<13	U		<6	U		<10	U		<6.4	U	
		VMP-5-12.5-111111	11/11/2011	0.0023	J		<0.0055	U		<0.004	U		<0.0075	U		<0.0093	U		0.021			<0.0073	U		<0.0046	U	
		VMP-5-12.5-013012	1/30/2012	<0.036	J	U	<0.018	U		<0.013	J	U	<0.024	U		<0.03	U		0.012	J		<0.024	U		<0.015	U	
		VMP-5-12.5-041112	4/11/2012	<0.011	U		<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.018	U		<0.0045	U	
		VMP-5-12.5-071212	7/12/2012	<0.013	U		<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		0.0015	J		<0.021	U		<0.0053	U	UJ
		VMP-5-12.5-101112	10/11/2012	<0.03	J	U	<0.015	U		<0.011	U		<0.021	U		<0.026	U		<0.012	U		<0.05	U		<0.013	U	
		VMP-5-12.5-012413	1/24/2013	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-5-12.5-042913	4/29/2013	<0.02	J	U	<0.0099	U		<0.0072	J	U	<0.013	U		<0.017	U		<0.0077	J	U	0.0052	J		<0.0082	J	U
		VMP-5-12.5-080113	8/1/2013	<0.019	J	U	<0.0098	U		<0.0072	J	U	0.0051	J		<0.016	U		0.056			<0.032	U		<0.0081	U	
		VMP-5-12.5-110513	11/5/2013	<0.016	J	U	0.0006	J		<0.006	U		0.003	J		<0.014	U		0.068			0.00034	J		<0.0067	U	
		VMP-5-12.5-021814	2/18/2014	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.039			<0.026	U		<0.0066	U	
		VMP-5-12.5-042814	4/28/2014	<0.016	J	U	<0.0083	U		<0.006	U		0.003	J		<0.014	U		0.12			<0.027	U		<0.0068	U	
		VMP-5-12.5-080814	8/8/2014	<0.016	J	U	<0.008	U		<0.0059	U		0.003	J		<0.014	U		0.15			<0.026	U		<0.0066	U	
		VMP-5-12.5-110514	11/5/2014	<0.016	U		0.0011	J		<0.0059	U		0.0023	J		<0.014	U		0.072			<0.027	U	UJ	<0.0067	U	
		VMP-5-12.5-110514-DUP	11/5/2014	<0.016	U		<0.0083	U		<0.0061	U		0.0021	J		<0.014	U		0.069			<0.027	U	UJ	<0.0068	U	
		VMP-5-12.5-013015	1/30/2015	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.058			<0.026	U		<0.0064	U	
		VMP-5-12.5-042915	4/29/2015	<0.018	J	U	<0.009	U		<0.0066	U		0.0047	J		<0.015	U		0.022			<0.03	U		0.0016	J	
		VMP-5-12.5-072915	7/29/2015	<0.02	J	U	<0.0099	U		<0.0072	U		0.0034	J		<0.017	U		0.036			<0.032	U		<0.0082	U	
		VMP-5-12.5-102915	10/29/2015	<0.018	J	U	<0.0091	U		<0.0066	U		0.0026	J		<0.015	U		0.024			<0.03	U		<0.0075	U	
		VMP-5-12.5-012516	1/25/2016	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-5-12.5-042816	4/28/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.005	J		<0.028	U		<0.0071	U	
		VMP-5-12.5-072816	7/28/2016	0.0046	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.012			<0.03	U		<0.0077	U	
		VMP-5-12.5-102516	10/26/2016	<0.016	U		<0.0079	U		0.00078	J		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31	11/6/2009	<7.4	U		<15	U		<11	U		<20	U		<6.3	U		<12	U		<20	U		<12	U	
		VMP-5-31-090910	9/9/2010	<17	U		<35	U		<25	U		<47	U		<14	U		<27	U		<45	U		<28	U	
		VMP-5-31-112310	11/23/2010	<11	U		<22	U		<16	U		<29	U		<9.1	U		<17	U		<28	U		<18	U	
		VMP-5-31-021611	2/16/2011	<4.3	U		<8.7	U		<6.4	U		<12	U		<3.6	U		<6.7	U		<11	U		<7.1	U	
		VMP-5-31-042111	4/21/2011	<64	U		<130	U		<95	U		<180	U		<220	U		<100	U		<170	U		<110	U	
		VMP-5-31-080611	8/6/2011	6.4	J		<73	U		<53	U		<99	U		<120	U		<57	U		<96	U		<60	U	
		VMP-5-31-111111	11/11/2011	<73	U		<37	U		<27	U		<50	U		<62	U		<28	U		<48	U		<30	U	
		VMP-5-31-013012	1/30/2012	<9.3	U		<19	U		<14	U		<25	U		<32	U		<14	U		<25	U		<15	U	
		VMP-5-31-041112	4/11/2012	<0.03	U		<0.06	U		<0.044	U		<0.081	U		<0.1	U		<0.047	U		<0.079	U		<0.049	U	
		VMP-5-31-071212	7/12/2012	0.0076	J		<0.0063	U		<0.0046	J	U	<0.0086	U		<0.011	U		0.023			<0.021	U		<0.0052	U	UJ
		VMP-5-31-101112	10/11/2012	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.01			<0.029	U		<0.0073	U	
		VMP-5-31-012413	1/24/2013	<0.17	U		<0.088	U		<0.064	U		<0.12	U		<0.15	U		0.024	J		<0.29	U		<0.072	U	
		VMP-5-31-042913	4/29/2013	<0.018	J	U	<0.0091	U		<0.0066	J	U	<0.012	U		<0.015	U		0.0066	J		<0.03	U		<0.0074	J	U
		VMP-5-31-080113	8/1/2013	<0.018	J	U	<0.0093	U		<0.0068	J	U	<0.013	U		<0.016	U		0.01			0.0064	J		<0.0077	J	U
		VMP-5-31-110513	11/5/2013	<0.016	J	U	0.0003	J		<0.006	U		<0.011	U		<0.014	U		0.0058	J		0.0031	J		<0.0068	U	
		VMP-5-31-110513-Dup	11/5/2013	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0046	J		0.0011	J		<0.0066	U	
		VMP-5-31-021814	2/18/2014	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0051	J		<0.025	U		<0.0062	U	
		VMP-5-31-042814	4/28/2014	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0078			<0.028	U		<0.007	U	
		VMP-5-31-080814	8/8/2014	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0079			0.019	J		<0.0063	U	
		VMP-5-31-110514	11/5/2014	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0045	J		<0.027	U	UJ	<0.0068	U	
		VMP-5-31-013015	1/30/2015	<0.019	J	U	<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.0029	J		<0.031	U		<0.0079	U	
		VMP-5-31-042915	4/29/2015	0.027			<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	J	U	<0.028	U		<0.0071	U	
		VMP-5-31-072915	7/29/2015	0.0077	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0086			<0.03	U		<0.0074	U	
		VMP-5-31-102915	10/29/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	J	U	<0.027	U		<0.0068	U	
		VMP-5-31-030916-R	3/9/2016	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0022	J		<0.026	U		<0.0064	U	
		VMP-5-31-042816	4/28/2016	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.0033	J		<0.031	U		<0.0079	U	
		VMP-5-31-072816	7/28/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.003	J		<0.029	U		<0.0073	U	
		VMP-5-31-102516	10/26/2016	0.0043	J		<0.0087	U		0.0018	J		<0.012	U		<0.015	U		0.0046	J		<0.029	U		<0.0072	U	
	40 ft	VMP-5-40	11/6/2009	<10	U		<21	U		<15	U		<28	U		<8.6	U		<16	U		<27	U		<17	U	
		VMP-5-40-042111	4/21/2011	<67	U		<140	U		<99	U		<180	U		<230	U		<100	U		<180	U		<110	U	
		VMP-5-40-013012	1/30/2012	<19	U		<39	U		<29	U		<53	U		<66	U		<30	U		<52	U		<32	U	
		VMP-5-40-041212	4/12/2012	0.021	J		<0.059	U		<0.043	U		<0.08	U		<0.099	U		<0.046	U		<0.077	U		<0.048	U	
		VMP-5-40-071212	7/12/2012	<0.12	U		<0.063	U		<0.046	U		<0.086	U		<0.11	U		0.046	J		<0.21	U		<0.052	U	UJ
		VMP-5-40-101112	10/11/2012	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.025			<0.03	U		<0.0077	U	
		VMP-5-40-012513	1/25/2013	<0.054	U		<0.027	U		<0.02	U		<0.037	U		<0.045	U		0.04			<0.089	U		<0.022	U	
		VMP-5-40-012513-Dup	1/25/2013	<0.052	U		<0.026	U		<0.019	U		<0.036	U		<0.044	U		0.043			<0.087	U		<0.022	U	
		VMP-5-40-042913	4/29/2013	<0.018	J	U	<0.009	U		<0.0066	J	U	<0.012	U		<0.015	U		0.017			<0.029	U		<0.0074	J	U
		VMP-5-40-080113	8/1/2013	<0.019	J	U	<0.0097	U		<0.0071	J	U	<0.013	U		<0.016	U		0.021			0.011	J		<0.008	J	U
		VMP-5-40-110513	11/5/2013	0.0098	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.012			0.00086	J		<0.0063	U	
		VMP-5-40-021814	2/18/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.019			<0.026	U		<0.0065	U	
		VMP-5-40-021814-Dup	2/18/2014	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.019			<0.026	U		<0.0064	U	
		VMP-5-40-042814	4/28/2014	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0046	J		<0.029	U		<0.0074	U	
		VMP-5-40-042814-Dup	4/28/2014	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.004	J		<0.028	U		<0.007	U	
		VMP-5-40-080814	8/8/2014	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0046	J		<0.026	U		<0.0064	U	
		VMP-5-40-080814-DUP	8/8/2014	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0045	J		<0.027	U		<0.0069	U	
		VMP-5-40-110514	11/5/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0048	J		<0.028	U	UJ	<0.0071	U	
		VMP-5-40-013015	1/30/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0065			<0.027	U		<0.0068	U	
		VMP-5-40-042915	4/29/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	J	U	<0.029	U		<0.0073	U	
		VMP-5-40-072915	7/29/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.005	J		<0.029	U		<0.0072	U	
		VMP-5-40-102915	10/29/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0054	J		<0.026	U		<0.0065	U	
		VMP-5-40-012516	1/25/2016	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.005	J		<0.025	U		<0.0063	U	
		VMP-5-40-012516-DUP	1/25/2016	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0054	J		<0.026	U		<0.0065	U	
		VMP-5-40-042816	4/28/2016	<0.018	U		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		0.0034	J		<0.03	U		<0.0075	U	
		VMP-5-40-072816	7/28/2016	0.0041	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.007			<0.027	U		<0.0068	U	
		VMP-5-40-102516	10/26/2016	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0041	J		<0.026	U		<0.0064	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	5 ft	VMP-6-5	11/6/2009	<1.2	U		<2.5	U		<1.8	U		<3.4	U		<1	U		<1.9	U		<3.3	U		<2	U	
		VMP-6-5-090810	9/8/2010	<0.68	U		<1.4	U		<1	U		<1.9	U		<0.58	U		<1.1	U		<1.8	U		<1.1	U	
		VMP-6-5-111610	11/16/2010	<4.3	U		<8.7	U		<6.4	U		<12	U		<3.6	U		<6.7	U		<11	U		<7.1	U	
		VMP-6-5-020711	2/7/2011	<0.0037	U		<0.0075	U		<0.0055	U		<0.01	U		<0.0031	U		<0.0058	U		<0.0098	U		<0.0062	U	
		VMP-6-5-040811	4/8/2011	0.0098	J		<0.016	U		<0.012	U		<0.022	U		<0.027	U		<0.013	U		<0.021	U		<0.013	U	
		VMP-6-5-080411	8/4/2011	<0.21	U		<0.42	U		<0.31	U		<0.57	U		<0.71	U		<0.33	U		<0.55	U		<0.35	U	
		VMP-6-5-110911	11/9/2011	<0.01	U		<0.0051	U		<0.0037	U		<0.0068	U		<0.0085	U		<0.0039	U		<0.0066	U		<0.0042	U	
		VMP-6-5-013112	1/31/2012	0.073	J		<0.06	U		0.016	J		<0.081	U		<0.1	U		<0.046	U		<0.078	U		<0.049	U	
		VMP-6-5-041212	4/12/2012	<0.012	J	U	<0.0063	U		<0.0046	J	U	<0.0086	U		<0.011	U		<0.0049	J	U	<0.021	U		<0.0052	U	
		VMP-6-5-071612	7/16/2012	<0.012	J	U	<0.0063	U		<0.0046	J	U	<0.0086	U		<0.011	U		0.00086	J		<0.021	U		<0.0052	U	
		VMP-6-5-101012	10/10/2012	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-6-5-021213	2/12/2013	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-6-5-022714	2/27/2014	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	J	U	<0.028	U		<0.007	U	
		VMP-6-5-042914	4/29/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-6-5-080814	8/8/2014	0.022			<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-6-5-110514	11/5/2014	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	UJ	<0.0067	U	
		VMP-6-5-020915	2/9/2015	<0.015	U		<0.0076	J	U	<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-6-5-042915	4/29/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-6-5-072715	7/27/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-6-5-102915	10/29/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-6-5-020116	2/1/2016	0.0036	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-6-5-042516	4/25/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-6-5-072816	7/28/2016	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.0024	J		<0.031	U		<0.0079	U	
		VMP-6-5-102816	10/28/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0069			<0.029	U		<0.0072	U	
	10 ft	VMP-6-10	11/6/2009	<1.3	U		<2.7	U		<2	U		<3.7	U		<1.1	U		<2.1	U		<3.6	U		<2.2	U	
		VMP-6-10-090810	9/8/2010	<0.74	U		<1.5	U		<1.1	U		<2	U		<0.63	U		<1.2	U		<2	U		<1.2	U	
		VMP-6-10-111710	11/17/2010	<0.004	U		0.0011	J		<0.0059	U		<0.011	U		<0.0034	U		<0.0063	U		<0.011	U		<0.0067	U	
		VMP-6-10-020711	2/7/2011	<0.0039	U		<0.0079	U		<0.0058	U		<0.011	U		<0.0033	U		<0.0062	U		<0.01	U		<0.0065	U	
		VMP-6-10-040811	4/8/2011	0.19	J		<0.19	U		<0.14	U		<0.26	U		<0.32	U		<0.15	U		<0.25	U		<0.16	U	
		VMP-6-10-080411	8/4/2011	<0.67	U		<1.3	U		<0.98	U		<1.8	U		<2.2	U		<1	U		<1.8	U		<1.1	U	
		VMP-6-10-111011	11/10/2011	<0.01	U		<0.0053	U		<0.0039	U		<0.0072	U		<0.0089	U		<0.0041	U		<0.0069	U		<0.0043	U	
		VMP-6-10-013112	1/31/2012	<0.46	U		<0.94	U		<0.68	U		<1.3	U		<1.6	U		<0.73	U		<1.2	U		<3.1	U	
		VMP-6-10-041212	4/12/2012	<0.012	J	U	<0.0061	U		0.0029	J		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		<0.005	U	
		VMP-6-10-071612	7/16/2012	<0.016	J	U	<0.0083	U		<0.006		U	<0.011	U		<0.014	U		<0.0064	J	U	<0.027	U		<0.0068	U	
		VMP-6-10-101112	10/11/2012	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-6-10-020513	2/5/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-6-10-051513	5/15/2013	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-6-10-080813	8/8/2013	<0.017	J	U	0.0025	J		<0.0064	U		<0.012	U		<0.014	U		0.0022	J		<0.028	U		<0.0071	J	U
		VMP-6-10-110513	11/5/2013	<0.016	J	U	0.00027	J		<0.0061	U		<0.011	U		<0.014	U		0.00027	J		0.00044	J		<0.0068	U	
		VMP-6-10-022714	2/27/2014	<0.014	J	U	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	J	U	<0.024	U		<0.006	U	
		VMP-6-10-042914	4/29/2014	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-6-10-080814	8/8/2014	0.097			<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.0013	J		<0.026	U		<0.0066	U	
		VMP-6-10-110514	11/5/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0038	J		<0.026	U	UJ	<0.0065	U	
		VMP-6-10-020915	2/9/2015	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-6-10-042915	4/29/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-6-10-072715	7/27/2015	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0038	J		<0.03	U		<0.0074	U	
		VMP-6-10-102915	10/29/2015	0.0073	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		0.0012	J		<0.0065	U	
		VMP-6-10-020116	2/1/2016	<0.018	U		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-6-10-042516	4/25/2016	0.0013	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0038	J		<0.03	U		<0.0075	U	
		VMP-6-10-072816	7/28/2016	0.0069	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.031			<0.028	U		<0.0071	U	
		VMP-6-10-102816	10/28/2016	0.0047	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.015			<0.027	U		<0.0068	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	31.5 ft	VMP-6-31.5	11/9/2009	<8.7	U		<18	U		<13	U		<24	U		<7.4	U		<14	U		<23	U		<14	U	
		VMP-6-31.5-090810	9/8/2010	<5	U		<10	U		<7.4	U		<14	U		<4.2	U		<7.9	U		<13	U		<8.3	U	
		VMP-6-31.5-111710	11/17/2010	<7.8	U		<16	U		<12	U		<21	U		<6.6	U		<12	U		<21	U		<13	U	
		VMP-6-31.5-020711	2/7/2011	<7.5	U		<15	U		<11	U		<21	U		<6.4	U		<12	U		<20	U		<12	U	
		VMP-6-31.5-041111	4/11/2011	3.8	J		<12	U		<8.6	U		<16	U		<20	U		<9.2	U		<15	U		<9.7	U	
		VMP-6-31.5-080411	8/4/2011	<4.3	U		<8.7	U		<6.4	U		<12	U		<15	U		<6.8	U		<11	U		<7.2	U	
		VMP-6-31.5-111011	11/10/2011	34			<13	U		<9.8	U		<18	U		<22	U		<10	U		<18	U		<11	U	
		VMP-6-31.5-013112	1/31/2012	<2.7	U		<5.4	U		<3.9	U		<7.3	U		<9	U		<4.2	U		<7.1	U		<18	U	
		VMP-6-31.5-041212	4/12/2012	<0.36	U		<0.72	U		<0.53	U		<0.98	U		<1.2	U		<0.56	U		<0.94	U		<0.59	U	
		VMP-6-31.5-071612	7/16/2012	0.017	J	J	<0.011	U		<0.0083	J	U	<0.015	U		<0.019	U		0.0055	J		<0.037	U		<0.0094	U	
		VMP-6-31.5-101112	10/11/2012	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0047	J		<0.029	U		<0.0073	U	
		VMP-6-31.5-020513	2/5/2013	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0043	J		<0.027	U		<0.0067	U	
		VMP-6-31.5-042913	4/29/2013	<0.019	J	U	<0.0095	U		<0.007	J	U	<0.013	U		<0.016	U		0.0084			<0.031	U		<0.0078	J	U
		VMP-6-31.5-080813	8/8/2013	<0.018	J	U	0.002	J		<0.0068	U		<0.013	U		<0.016	U		0.0077			<0.03	U		<0.0077	U	
		VMP-6-31.5-110513	11/5/2013	0.0072	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0036	J		0.0008	J		<0.0061	U	
		VMP-6-31.5-022714	2/27/2014	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0054	J		<0.026	U		<0.0066	U	
		VMP-6-31.5-042914	4/29/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-6-31.5-080814	8/8/2014	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0087			<0.028	U		<0.007	U	
		VMP-6-31.5-110514	11/5/2014	0.0083	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.021			<0.026	U	UJ	<0.0064	U	
		VMP-6-31.5-020915	2/9/2015	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.01			<0.026	U		<0.0065	U	
		VMP-6-31.5-042915	4/29/2015	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.012			<0.026	U		<0.0066	U	
		VMP-6-31.5-042915-DUP	4/29/2015	<0.019	J	U	<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		0.012			<0.032	U		<0.008	U	
		VMP-6-31.5-072715	7/27/2015	0.014	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.019			<0.03	U		<0.0074	U	
		VMP-6-31.5-112515	11/25/2015	0.015	J		<0.015	U		<0.011	U		<0.02	U		<0.025	U		0.011	J		<0.049	U		<0.012	U	
		VMP-6-31.5-020116	2/1/2016	0.0042	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0054	J		<0.028	U		<0.007	U	
		VMP-6-31.5-042516	4/25/2016	0.0027	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.0063	J		<0.03	U		<0.0077	U	
		VMP-6-31.5-072816	7/28/2016	0.0015	J		<0.0098	U		<0.0071	U		<0.013	U		<0.016	U		0.02			<0.032	U		<0.008	U	
		VMP-6-31.5-102816	10/28/2016	0.0068	J		<0.013	U		<0.0096	U		<0.018	U		<0.022	U		0.0056	J		<0.043	U		<0.011	U	
	39 ft	VMP-6-39	11/9/2009	<9.9	U		<20	U		<15	U		<27	U		<8.4	U		<16	U		<26	U		<16	U	
		VMP-6-39-041111	4/11/2011	3.4	J		<14	U		<10	U		<19	U		<24	U		<11	U		<18	U		<12	U	
		VMP-6-39-013112	1/31/2012	<2.7	U		<5.4	U		<3.9	U		<7.3	U		<9	U		<4.2	U		<7.1	U		<18	U	
		VMP-6-39-041212	4/12/2012	<0.26	U		<0.53	U		<0.39	U		<0.72	U		<0.89	U		<0.41	U		<0.69	U		<0.43	U	
		VMP-6-39-071612	7/16/2012	0.011	J	J	<0.025	U		0.016	J		<0.034	U		<0.042	U		<0.019	U		<0.081	U		<0.02	U	
		VMP-6-39-071612-Dup	7/16/2012	0.012	J	J	<0.025	U		0.013	J		<0.034	U		<0.042	U		<0.019	U		<0.082	U		<0.021	U	
		VMP-6-39-101112	10/11/2012	<0.034	J	U	<0.017	U		<0.012	U		<0.023	U		<0.028	U		<0.013	U		<0.056	U		<0.014	U	
		VMP-6-39-020513	2/5/2013	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-6-39-050913	5/9/2013	<0.034	U		<0.017	U		<0.012	U		<0.023	U		<0.029	U		<0.013	U		<0.056	U		<0.014	U	
		VMP-6-39-050913-Dup	5/9/2013	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-6-39-080813-Dup	8/8/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0028	J		<0.029	U		<0.0073	J	U
		VMP-6-39-081513	8/15/2013	<0.018	J	U	<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		0.0029	J		<0.03	U		<0.0076	J	U
		VMP-6-39-110513	11/5/2013	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.0039	J		0.0017	J		<0.0066	U	
		VMP-6-39-022714	2/27/2014	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	J	U	<0.026	U		<0.0064	U	
		VMP-6-39-042914	4/29/2014	0.0021	J		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.0018	J		<0.026	U		<0.0066	U	
		VMP-6-39-080814	8/8/2014	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0014	J		<0.028	U		<0.007	U	
		VMP-6-39-110514	11/5/2014	0.0052	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0045	J		<0.027	U	UJ	<0.0068	U	
		VMP-6-39-020915	2/9/2015	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.0031	J		<0.024	U		<0.006	U	
		VMP-6-39-020915-DUP	2/9/2015	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0028	J		<0.023	U		<0.0058	U	
		VMP-6-39-042915	4/29/2015	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	J	U	<0.025	U		<0.0062	U	
		VMP-6-39-072715	7/27/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0057	J		<0.028	U		<0.007	U	
		VMP-6-39-072715-DUP	7/27/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0059	J		<0.029	U		<0.0072	U	
		VMP-6-39-102915	10/29/2015	0.0075	J		<0.027	U		<0.02	U		<0.037	U		<0.046	U		<0.021	U		<0.09	U		<0.022	U	
		VMP-6-39-102915-DUP	10/29/2015	0.0043	J		<0.028	U		<0.02	U		<0.037	U		<0.046	U		<0.021	U		<0.09	U		<0.023	U	
		VMP-6-39-020116	2/1/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0015	J		<0.027	U		<0.0068	U	
		VMP-6-39-020116-DUP	2/1/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-6-39-042516	4/25/2016	0.00088	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-6-39-072816	7/28/2016	<0.02	U		<0.01	U		<0.0075	U		<0.014	U		<0.017	U		<0.008	U		<0.034	U		<0.0085	U	
		VMP-6-39-102816	10/28/2016	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.0014	J		<0.025	U		<0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5	11/9/2009	<0.003	U		<0.007	U		<0.005	U		<0.009	U		<0.003	U		<0.005	U		<0.009	U		<0.006	U	
		VMP-7-5-082610	8/26/2010	0.0028	J		<0.0083	U		<0.0061	U		<0.011	U		<0.0035	U		<0.0064	U		<0.011	U		<0.0068	U	
		VMP-7-5-111910	11/19/2010	<0.0037	U		<0.0075	U		<0.0055	U		<0.01	U		<0.0031	U		<0.0058	U		<0.0098	U		<0.0062	U	
		VMP-7-5-020711	2/7/2011	<0.004	U		<0.0081	U		<0.0059	U		<0.011	U		<0.0034	U		<0.0063	U		<0.011	U		<0.0067	U	
		VMP-7-5-040711	4/7/2011	<0.023	J	U	<0.011	U		<0.0084	U		<0.016	U		<0.019	U		<0.0089	U		<0.015	U		<0.0094	U	
		VMP-7-5-080211	8/2/2011	<0.56	U		<1.1	U		<0.83	U		<1.5	U		<1.9	U		<0.88	U		<1.5	U		<0.93	U	
		VMP-7-5-111011	11/10/2011	<0.011	U		<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		<0.0071	U		<0.0044	U	
		VMP-7-5-111011-DUP	11/10/2011	<0.01	U		<0.0051	U		<0.0037	U		<0.0068	U		<0.0085	U		<0.0039	U		<0.0066	U		<0.0042	U	
		VMP-7-5-013112	1/31/2012	<0.011	J	U	<0.0055	U		<0.004	J	U	<0.0074	U		<0.0092	U		<0.0043	U		<0.0072	U		<0.0045	U	
		VMP-7-5-041212	4/12/2012	0.011	J		<0.006	U		<0.0044	J	U	<0.0081	U		<0.01	U		<0.0046	U		<0.02	U		<0.0049	U	
		VMP-7-5-073112	7/31/2012	<0.03	U		<0.015	U		0.0037	J		<0.021	U		<0.026	U		<0.012	U		0.0034	J		<0.013	U	
		VMP-7-5-101012	10/10/2012	0.0034	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-7-5-060613	6/6/2013	<0.018	J	U	<0.0091	U		<0.0066	J	U	<0.012	U		<0.015	U		0.0022	J		<0.03	U		<0.0075	U	
		VMP-7-5-073013	7/30/2013	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0029	J		<0.028	U		<0.007	U	
		VMP-7-5-102213	10/22/2013	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.00094	J		0.00037	J		<0.0071	U	
		VMP-7-5-022414	2/24/2014	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	J	U	<0.025	U		<0.0062	U	
		VMP-7-5-043014	4/30/2014	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0025	J		<0.026	U		<0.0064	U	
		VMP-7-5-080514	8/5/2014	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0082			<0.029	U		<0.0073	U	
		VMP-7-5-102714	10/27/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0041	J		<0.027	U		<0.0068	U	
		VMP-7-5-020215	2/2/2015	0.0048	J		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-7-5-043015	4/30/2015	<0.019	J	U	<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-7-5-072715	7/27/2015	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		0.0034	J		<0.027	U		<0.0068	U	
		VMP-7-5-102815	10/28/2015	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		0.003	J		<0.0062	U	
		VMP-7-5-012716	1/27/2016	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-7-5-042916	4/29/2016	0.0048	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.00089	J		<0.029	U		<0.0073	U	
		VMP-7-5-072616	7/26/2016	0.021			<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0066	J		<0.03	U		<0.0076	U	
		VMP-7-5-102516	10/25/2016	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0021	J		<0.025	U		<0.0063	U	
	13.5 ft	VMP-7-13.5	11/9/2009	<0.028	U		<0.056	U		<0.041	U		<0.076	U		<0.024	U		<0.044	U		<0.074	U		<0.046	U	
		VMP-7-13.5-082610	8/26/2010	<0.09	U		<0.18	U		<0.13	U		<0.25	U		<0.076	U		<0.14	U		<0.24	U		<0.15	U	
		VMP-7-13.5-111910	11/19/2010	<0.63	U		<1.3	U		<0.93	U		<1.7	U		<0.53	U		<0.98	U		<1.7	U		<1	U	
		VMP-7-13.5-020711	2/7/2011	<0.0038	U		<0.0078	U		<0.0057	U		<0.01	U		<0.0032	U		<0.006	U		<0.01	U		<0.0064	U	
		VMP-7-13.5-040711	4/7/2011	<0.027	J	U	<0.014	U		<0.0099	U		<0.018	U		<0.023	U		<0.01	U		<0.018	U		<0.011	U	
		VMP-7-13.5-080311	8/3/2011	<0.75	U		<1.5	U		<1.1	U		<2	U		<2.5	U		<1.2	U		<2	U		<1.2	U	
		VMP-7-13.5-111011	11/10/2011	<0.0098	U		<0.005	U		<0.0036	U		<0.0067	U		<0.0083	U		<0.0038	U		<0.0065	U		<0.0041	U	
		VMP-7-13.5-013112	1/31/2012	<0.035	U		<0.07	U		<0.052	U		<0.095	U		<0.12	U		<0.055	U		<0.092	U		<0.23	U	
		VMP-7-13.5-013112-DUP	1/31/2012	<0.036	U		<0.072	U		<0.053	U		<0.098	U		<0.12	U		<0.056	U		<0.094	U		<0.24	U	
		VMP-7-13.5-041212	4/12/2012	<0.011	J	U	<0.0058	U		<0.0042	J	U	<0.0078	U		<0.0096	U		<0.0045	J	U	<0.019	U		<0.0047	U	
		VMP-7-13.5-041212-DUP	4/12/2012	<0.012	J	U	<0.0061	U		<0.0044	J	U	<0.0082	U		<0.01	U		<0.0047	J	U	<0.02	U		<0.005	U	
		VMP-7-13.5-072012	7/20/2012	<0.012	U		<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		0.0066			<0.019	U		<0.0048	J	U
		VMP-7-13.5-101012	10/10/2012	0.0042	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-7-13.5-021313	2/13/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.002	J		<0.028	U		<0.0071	U	
		VMP-7-13.5-060513	6/5/2013	<0.019	J	U	<0.0098	U		<0.0072	J	U	<0.013	U		<0.016	U		0.0023	J		<0.032	U		<0.0081	U	
		VMP-7-13.5-073013	7/30/2013	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0049	J		<0.028	U		<0.007	U	
		VMP-7-13.5-110113	11/1/2013	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.011			0.00058	J		0.00045	J	
		VMP-7-13.5-022414	2/24/2014	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	J	U	<0.024	U		<0.006	U	
		VMP-7-13.5-043014	4/30/2014	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0031	J		<0.026	U		<0.0065	U	
		VMP-7-13.5-080514	8/5/2014	<0.02	U		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		0.0078			<0.033	U		<0.0082	U	
		VMP-7-13.5-102714	10/27/2014	<0.018	U		<0.009	J	U	<0.0066	U		<0.012	U		<0.015	U		0.0064	J		<0.029	U		<0.0074	U	
		VMP-7-13.5-020215	2/2/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-7-13.5-043015	4/30/2015	<0.02	J	U	<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0077	U		<0.033	U		<0.0082	U	
		VMP-7-13.5-072715	7/27/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0034	J		<0.027	U		<0.0067	U	
		VMP-7-13.5-102815	10/28/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0066	J		<0.028	U		<0.0071	U	
		VMP-7-13.5-012716	1/27/2016	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-7-13.5-042916	4/29/2016	0.00098	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.00088	J		<0.029	U		<0.0073	U	
		VMP-7-13.5-072616	7/26/2016	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.007			<0.026	U		<0.0066	U	
		VMP-7-13.5-102516	10/25/2016	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0028	J		<0.025	U		<0.0063	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5	11/9/2009	<0.59	U		<1.2	U		<0.88	U		<1.6	U		<0.5	U		<0.93	U		<1.6	U		<0.99	U	
		VMP - 7 - 29.5 - 083110	8/31/2010	<1.3	U		<2.6	U		<1.9	U		<3.5	U		<1.1	U		<2	U		<3.4	U		<2.1	U	
		VMP-7-29.5-111910	11/19/2010	<1.9	U		<3.9	U		<2.8	U		<5.3	U		<1.6	U		<3	U		<5.1	U		<3.2	U	
		VMP-7-29.5-020711	2/7/2011	<2	U		<4	U		<3	U		<5.5	U		<1.7	U		<3.1	U		<5.3	U		<3.3	U	
		VMP-7-29.5-040711	4/7/2011	<0.49	U		<0.98	U		<0.72	U		<1.3	U		<1.6	U		<0.76	U		<1.3	U		<0.81	U	
		VMP-7-29.5-080311	8/3/2011	<1.2	U		<2.3	U		<1.7	U		<3.2	U		<3.9	U		<1.8	U		<3	U		<1.9	U	
		VMP-7-29.5-111111	11/11/2011	8.5	J		<4.6	U		3.5			<6.2	U		<7.6	U		<3.5	U		<6	U		<3.8	U	
		VMP-7-29.5-020112	2/1/2012	<0.45	U		<0.92	U		<0.67	U		<1.2	U		0.18	J	J	<0.71	U		<1.2	U		<3	U	
		VMP-7-29.5-041312	4/13/2012	0.0077	J		<0.0058	U		<0.0042	J	U	<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U		<0.0047	U	
		VMP-7-29.5-072012	7/20/2012	0.0088	J		<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		0.0011	J		0.0058	J		<0.0048	U	
		VMP-7-29.5-072012-Dup	7/20/2012	0.012			<0.0059	U		0.00099	J		<0.008	U		<0.0099	U		0.001	J		0.0067	J		<0.0048	J	U
		VMP-7-29.5-101012	10/10/2012	0.0093	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-7-29.5-060613	6/6/2013	<0.019	J	U	<0.0095	U		<0.007	J	U	<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-7-29.5-073013	7/30/2013	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0014	J		<0.028	U		<0.0071	U	
		VMP-7-29.5-102213	10/22/2013	0.0028	J		0.00024	J		<0.0062	U		<0.011	U		<0.014	U		0.00088	J		0.0016	J		<0.007	U	
		VMP-7-29.5-022414	2/24/2014	<0.014	U		<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	J	U	<0.024	U		<0.006	U	
		VMP-7-29.5-043014	4/30/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0019	J		<0.027	U		<0.0068	U	
		VMP-7-29.5-080514	8/5/2014	<0.018	J	U	<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		0.0022	J		0.0075	J		<0.0076	U	
		VMP-7-29.5-102714	10/27/2014	<0.017	U		<0.0085	J	U	<0.0062	U		<0.012	U		<0.014	U		0.0033	J		<0.028	U		<0.007	U	
		VMP-7-29.5-020215	2/2/2015	<0.014	J	U	<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		0.0015	J		<0.023	U		<0.0057	U	
		VMP-7-29.5-043015	4/30/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-7-29.5-072715	7/27/2015	0.016	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0018	J		0.0053	J		<0.0071	U	
		VMP-7-29.5-102815	10/28/2015	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.0034	J		<0.03	U		<0.0077	U	
		VMP-7-29.5-012716	1/27/2016	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	J	U	<0.027	U		<0.0067	U	
		VMP-7-29.5-042916	4/29/2016	0.0032	J		<0.016	U		<0.011	U		<0.021	U		<0.026	U		<0.012	U		<0.052	U		<0.013	U	
		VMP-7-29.5-072616	7/26/2016	0.0047	J		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.0022	J		<0.027	U		<0.0067	U	
		VMP-7-29.5-102516	10/25/2016	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0031	J		<0.025	U		<0.0063	U	
	38 ft	VMP-7-38	11/9/2009	<0.2	U		<0.42	U		<0.3	U		<0.56	U		<0.17	U		<0.32	U		<0.54	U		<0.34	U	
		VMP-7-38-020711	2/7/2011	<2.7	U		<5.4	U		<4	U		<7.4	U		<2.3	U		<4.2	U		<7.1	U		<4.5	U	
		VMP-7-38-040711	4/7/2011	<0.68	U		<1.4	U		<1	U		<1.9	U		<2.3	U		<1.1	U		<1.8	U		<1.1	U	
		VMP-7-38-020112	2/1/2012	<0.65	U		<1.3	U		<0.97	U		<1.8	U		<2.2	U		<1	U		<1.7	U		<4.3	U	
		VMP-7-38-042512	4/25/2012	<0.011	J	U	<0.0058	U		<0.0049		U	<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U		<0.0047	U	
		VMP-7-38-042512-Dup	4/25/2012	<0.011	J	U	<0.0058	U		<0.0045		U	<0.0078	U		<0.0096	U		<0.0045	J	U	<0.019	U		<0.0047	U	
		VMP-7-38-101112	10/11/2012	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-7-38-060613	6/6/2013	<0.02	J	U	<0.01	U		<0.0074	J	U	<0.014	U		<0.017	U		0.092			0.011	J		<0.0083	U	
		VMP-7-38-073013	7/30/2013	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0025	J		0.0064	J		<0.0072	U	
		VMP-7-38-110113	11/1/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0018	J		0.0031	J		<0.0072	U	
		VMP-7-38-022414	2/24/2014	<0.013	U		<0.0066	U		<0.0048	U		<0.009	U		<0.011	U		<0.0052	J	U	<0.022	U		<0.0055	U	
		VMP-7-38-043014	4/30/2014	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0015	J		<0.026	U		<0.0066	U	
		VMP-7-38-043014-DUP	4/30/2014	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0023	J		<0.028	U		<0.0071	U	
		VMP-7-38-080514	8/5/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.00087	J		<0.026	U		<0.0065	U	
		VMP-7-38-080514-DUP	8/5/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0012	J		<0.026	U		<0.0065	U	
		VMP-7-38-102714	10/27/2014	<0.016	U		<0.0082	J	U	<0.006	U		<0.011	U		<0.014	U		<0.0064	J	U	<0.027	U		<0.0068	U	
		VMP-7-38-020215	2/2/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-7-38-043015	4/30/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-7-38-072715	7/27/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-7-38-102815	10/28/2015	0.28		J	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-7-38-102815-DUP	10/28/2015	<0.015	J	UJ	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	J	U	<0.024	U		<0.0062	U	
		VMP-7-38-012716	1/27/2016	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-7-38-012716-DUP	1/27/2016	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-7-38-042916	4/29/2016	0.00086	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-7-38-042916-DUP	4/29/2016	0.00069	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-7-38-072616	7/26/2016	<0.02	U		<0.0099	U		<0.0073	U		<0.013	U		<0.017	U		<0.0077	U		<0.033	U		<0.0082	U	
		VMP-7-38-072616-DUP	7/26/2016	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-7-38-102516	10/25/2016	0.0013	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0014	J		<0.025	U		<0.0062	U	
		VMP-7-38-102516-Dup	10/25/2016	<0.032	U		<0.016	U		<0.012	U		<0.022	U		<0.027	U		<0.013	U		<0.054	U		<0.013	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5	11/10/2009	<0.003	U		<0.007	U		<0.005	U		<0.009	U		<0.003	U		<0.005	U		<0.009	U		<0.006	U	
		VMP - 8 - 5 - 083010	8/30/2010	0.0032	J		<0.0085	U		0.0032	J		<0.011	U		<0.0035	U		0.0039	J		<0.011	U		0.0018	J	J
		VMP-8-5-111810	11/17/2010	0.0011	J		0.0014	J		<0.0054	U		<0.0099	U		<0.0031	U		0.001	J		<0.0096	U		<0.006	U	
		VMP-8-5-021011	2/10/2011	0.0011	J		<0.0078	U		<0.0057	U		<0.01	U		<0.0032	U		<0.006	U		<0.01	U		<0.0064	U	
		VMP-8-5-040711	4/7/2011	<0.017	J	U	<0.0087	U		<0.0064	U		0.0023	J		<0.014	U		0.00094	J		<0.011	U		<0.0071	U	
		VMP-8-5-072711	7/27/2011	0.0036	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.012	U		<0.0077	U	
		VMP-8-5-110311	11/3/2011	0.0022	J		<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		<0.0071	U		<0.0044	U	
		VMP-8-5-012312	1/23/2012	<0.013	J	U	<0.0067	U		<0.0049	J	U	<0.009	U		<0.011	U		<0.0052	U		<0.0088	U		<0.0055	U	
		VMP-8-5-041012	4/10/2012	<0.012	U		<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		0.0011	J		<0.02	U		0.00086	J	
		VMP-8-5-071312	7/13/2012	<0.01	U		<0.0051	U		<0.0037	U		<0.0068	U		<0.0085	U		0.0012	J		<0.017	U		<0.0042	U	UJ
		VMP-8-5-073112	7/31/2012	0.0082	J		<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		0.0011	J		<0.021	U		<0.0053	U	
		VMP-8-5-100412	10/4/2012	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-8-5-100412-Dup	10/4/2012	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-8-5-012413	1/24/2013	0.0044	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-8-5-042513	4/25/2013	<0.018	J	U	<0.0091	U		<0.0067	J	U	<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-8-5-073013	7/30/2013	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0055	J		<0.028	U		<0.007	U	
		VMP-8-5-102213	10/22/2013	<0.017	J	U	0.00021	J		<0.0061	U		<0.011	U		<0.014	U		0.0006	J		<0.028	U		<0.0069	U	
		VMP-8-5-021014	2/10/2014	<0.015	J	U	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-8-5-042514	4/25/2014	<0.017	U		0.0014	J		<0.0064	U		<0.012	U		<0.014	U		0.0017	J		<0.028	U		<0.0071	U	
		VMP-8-5-073014	7/30/2014	0.042			<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.014			<0.029	U		<0.0074	U	
		VMP-8-5-103114	10/31/2014	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-8-5-020915	2/9/2015	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-8-5-042715	4/27/2015	<0.014	J	U	<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-8-5-072815	7/28/2015	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0044	J		<0.026	U		<0.0066	U	
		VMP-8-5-102715	10/27/2015	0.017			<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	J	U	<0.027	U		<0.0068	U	
		VMP-8-5-012716	1/27/2016	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-8-5-042916	4/29/2016	0.0012	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-8-5-072916	7/29/2016	0.00068	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0054	J		<0.029	U		<0.0073	U	
		VMP-8-5-102516	10/25/2016	0.00067	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.00097	J		<0.026	ND,UJ	UJ	<0.0065	U	
	9.5 ft	VMP-8-9.5	11/10/2009	<0.003	U		<0.007	U		<0.005	U		<0.009	U		<0.003	U		<0.005	U		<0.009	U		<0.005	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	0.0012	J		<0.0076	U		0.0027	J		<0.01	U		<0.0032	U		<0.0059	U		<0.01	U		<0.0063	U	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	0.0012	J		<0.0078	U		0.0028	J		<0.01	U		<0.0032	U		0.00094	J		<0.01	U		<0.0064	U	
		VMP-8-9.5-111810	11/17/2010	<0.0038	U		0.0014	J		<0.0056	U		<0.01	U		<0.0032	U		<0.0059	U		<0.01	U		<0.0063	U	
		VMP-8-9.5-021011	2/10/2011	<0.0039	U		<0.0079	U		<0.0058	U		<0.011	U		<0.0033	U		<0.0062	U		<0.01	U		<0.0065	U	
		VMP-8-9.5-040711	4/7/2011	0.0015	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.011	U		<0.0071	U	
		VMP-8-9.5-072711	7/27/2011	0.0032	J		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.0088	U		<0.0055	U	
		VMP-8-9.5-110311	11/3/2011	0.003	J		<0.0053	U		<0.0039	U		<0.0072	U		<0.0089	U		<0.0041	U		<0.0069	U		<0.0043	U	
		VMP-8-9.5-012312	1/23/2012	<0.013	J	U	<0.0064	U		<0.0047	J	U	<0.0086	U		<0.011	U		<0.005	U		<0.0084	U		<0.0052	U	
		VMP-8-9.5-041012	4/10/2012	0.0019	J	J	<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		<0.02	U		<0.0049	U	
		VMP-8-9.5-071312	7/13/2012	<0.012	U		<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		<0.0046	U		<0.019	U		<0.0048	U	UJ
		VMP-8-9.5-071312-Dup	7/13/2012	<0.011	U		<0.0056	U		<0.0041	U		<0.0076	U		<0.0094	U		<0.0044	U		<0.018	U		<0.0046	U	UJ
		VMP-8-9.5-100412	10/4/2012	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-8-9.5-012413	1/24/2013	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-8-9.5-012413-Dup	1/24/2013	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-8-9.5-042513	4/25/2013	<0.017	J	U	<0.0084	U		<0.0062	J	U	<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	J	U
		VMP-8-9.5-073013	7/30/2013	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0071			<0.028	U		<0.007	U	
		VMP-8-9.5-102213	10/22/2013	<0.017	U		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.00048	J		0.001	J		<0.0069	U	
		VMP-8-9.5-021014	2/10/2014	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-8-9.5-021014-Dup	2/10/2014	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-8-9.5-042514	4/25/2014	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-8-9.5-073014	7/30/2014	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.037			<0.026	U		<0.0065	U	
		VMP-8-9.5-103114	10/31/2014	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-8-9.5-020915	2/9/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-8-9.5-042715	4/27/2015	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-8-9.5-072815	7/28/2015	0.01	J		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.0034	J		<0.031	U		<0.0079	U	
		VMP-8-9.5-102715	10/27/2015	0.0075	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.0022	J		<0.03	U		<0.0077	U	
		VMP-8-9.5-012716	1/27/2016	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-8-9.5-042916	4/29/2016	0.0037	J		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-8-9.5-072916	7/29/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0011	J		<0.029	U		<0.0072	U	
		VMP-8-9.5-102516	10/25/2016	0.00078	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	ND,UJ	UJ	<0.0062	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	23.5 ft	VMP-8-23.5	11/10/2009	<0.003	U		<0.007	U		<0.005	U		<0.01	U		<0.003	U		<0.005	U		<0.009	U		<0.006	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	0.0015	J		0.0009	J		0.003	J		<0.011	U		<0.0035	U		<0.0064	U		<0.011	U		<0.0068	U	
		VMP-8-23.5-111910	11/19/2010	<0.0039	U		<0.0079	U		<0.0058	U		<0.011	U		<0.0033	U		<0.0062	U		<0.01	U		<0.0065	U	
		VMP-8-23.5-021011	2/10/2011	<0.0042	U		<0.0085	U		<0.0062	U		<0.011	U		<0.0035	U		<0.0066	U		<0.011	U		<0.007	U	
		VMP-8-23.5-040711	4/7/2011	0.0024	J		<0.0079	U		<0.0058	U		0.0021	J		<0.013	U		<0.0062	U		<0.01	U		<0.0065	U	
		VMP-8-23.5-040711-DUP	4/7/2011	0.0025	J		<0.012	U		<0.0092	U		0.0033	J		<0.021	U		<0.0098	U		<0.016	U		<0.01	U	
		VMP-8-23.5-081011	8/10/2011	<0.016	J	U	<0.0083	U		<0.0061	J	U	<0.011	U		<0.014	U		<0.0064	U		<0.011	U		<0.0068	J	U
		VMP-8-23.5-110611	11/6/2011	<0.012	J	U	<0.006	U		<0.0044	J	U	<0.0081	U		<0.01	U		<0.0047	U		<0.0079	U		<0.0049	U	
		VMP-8-23.5-012312	1/23/2012	<0.013	J	U	<0.0067	U		<0.0049	J	U	<0.009	U		<0.011	U		0.001	J		<0.0088	U		<0.0055	U	
		VMP-8-23.5-041012	4/10/2012	<0.012	U		<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		<0.0046	U		<0.019	U		0.00082	J	
		VMP-8-23.5-071312	7/13/2012	<0.013	U		<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		<0.005	U		<0.021	U		<0.0053	U	UJ
		VMP-8-23.5-100412	10/4/2012	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-8-23.5-012413	1/24/2013	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-8-23.5-050113	5/1/2013	<0.019	J	U	<0.0095	U		<0.007	J	U	<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-8-23.5-073013	7/30/2013	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.001	J		<0.028	U		<0.007	U	
		VMP-8-23.5-073013-Dup	7/30/2013	<0.017	U		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-8-23.5-102213	10/22/2013	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0012	J		0.00052	J		<0.007	U	
		VMP-8-23.5-021014	2/10/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-8-23.5-042514	4/25/2014	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-8-23.5-073014	7/30/2014	<0.017	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0015	J		<0.028	U		<0.0069	U	
		VMP-8-23.5-103114	10/31/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-8-23.5-020915	2/9/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-8-23.5-050515-R	5/5/2015	0.0017	J		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-8-23.5-072815	7/28/2015	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		0.0018	J		<0.025	U		<0.0062	U	
		VMP-8-23.5-102715	10/27/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0035	J		<0.028	U		<0.007	U	
		VMP-8-23.5-012716	1/27/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-8-23.5-042916	4/29/2016	0.00065	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-8-23.5-072916	7/29/2016	0.00056	J		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		0.0008	J		<0.023	U		<0.0058	U	
		VMP-8-23.5-072916-DUP	7/29/2016	0.0022	J		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-8-23.5-102516	10/25/2016	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
	35.5 ft	VMP-8-35.5-042514	4/25/2014	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-8-35.5-073014	7/30/2014	<0.017	J	U	<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.11			<0.028	U		<0.0069	U	
		VMP-8-35.5-103114	10/31/2014	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		0.0044	J		<0.006	U	
		VMP-8-35.5-103114-DUP	10/31/2014	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.00087	J		<0.024	U		<0.006	U	
		VMP-8-35.5-020915	2/9/2015	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0014	J		<0.028	U		<0.007	U	
		VMP-8-35.5-042715	4/27/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-8-35.5-072815	7/28/2015	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0065	J		<0.03	U		<0.0074	U	
		VMP-8-35.5-072815-DUP	7/28/2015	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.0058	J		<0.026	U		<0.0066	U	
		VMP-8-35.5-012816	1/28/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-8-35.5-012816-DUP	1/28/2016	<0.017	U		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-8-35.5-042916	4/29/2016	0.0015	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-8-35.5-080316	8/3/2016	0.016			<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0015	J		<0.026	U		<0.0065	U	
		VMP-8-35.5-102516	10/25/2016	0.0016	J		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-8-35.5-102516-Dup	10/25/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5	11/11/2009	<0.003	U		<0.007	U		<0.005	U		<0.009	U		<0.003	U		<0.005	U		<0.009	U		<0.005	U	
		VMP-9-5-082610	8/26/2010	0.0019	J		<0.0072	U		<0.0052	U		<0.0097	U		<0.003	U		<0.0056	U		<0.0094	U		<0.0059	U	
		VMP-9-5-111910	11/19/2010	<0.0037	U		<0.0075	U		<0.0055	U		<0.01	U		<0.0031	U		<0.0058	U		<0.0098	U		<0.0062	U	
		VMP-9-5-020811	2/8/2011	<0.0034	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.0029	U		<0.0054	U		<0.0091	U		<0.0057	U	
		VMP-9-5-040611	4/6/2011	<0.038	J	U	<0.019	U		<0.014	U		<0.026	U		<0.032	U		<0.015	U		<0.025	U		<0.016	U	
		VMP-9-5-080211	8/2/2011	<0.73	U		<0.37	U		<0.27	U		<0.5	U		<0.62	U		<0.29	U		<0.49	U		<0.3	U	
		VMP-9-5-110411	11/4/2011	<0.011	J	U	<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		0.0016	J		<0.0045	J	U
		VMP-9-5-012612	1/26/2012	0.001	J		<0.0047	U		<0.0034	J	U	<0.0063	U		<0.0079	U		<0.0036	U		<0.0062	U		<0.0038	U	
		VMP-9-5-041112	4/11/2012	<0.011	U		<0.0056	U		<0.0041	U		<0.0076	U		<0.0094	U		<0.0044	U		<0.018	U		<0.0046	U	
		VMP-9-5-071312	7/13/2012	<0.012	U		<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		<0.02	U		<0.0049	U	UJ
		VMP-9-5-101012	10/10/2012	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-9-5-012513	1/25/2013	<0.018	J	UJ	<0.0089	U	UJ	<0.0065	U	UJ	<0.012	U	UJ	<0.015	U	UJ	<0.0069	U	UJ	<0.029	U	UJ	<0.0073	U	UJ
		VMP-9-5-021513	2/15/2013	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-9-5-050113	5/1/2013	<0.018	J	U	<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-9-5-073013	7/30/2013	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0019	J		<0.03	U		<0.0076	U	
		VMP-9-5-102213	10/22/2013	<0.017	J	U	0.00066	J		<0.0063	U		0.0012	J		<0.014	U		0.23			<0.028	U		<0.0071	U	
		VMP-9-5-122013-R	12/20/2013	<0.016	J	U	<0.0083	J	U	<0.0061	J	U	0.0017	J		<0.014	U		0.032			<0.027	U		<0.0068	J	U
		VMP-9-5-021114	2/11/2014	<0.013	U		<0.0066	U		<0.0048	U		<0.009	U		<0.011	U		0.0065			<0.022	U		<0.0055	U	
		VMP-9-5-043014	4/30/2014	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0047	J		<0.024	U		<0.0061	U	
		VMP-9-5-081114	8/11/2014	0.0045	J		<0.0083	U		<0.0061	U		0.0028	J		<0.014	U		0.024			<0.027	U		<0.0068	U	
		VMP-9-5-110614	11/6/2014	<0.016	U	UJ	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-9-5-021115	2/11/2015	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-9-5-050415	5/4/2015	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-9-5-072815	7/28/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0043	J		0.0033	J		<0.0073	U	
		VMP-9-5-102815	10/28/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-9-5-012816	1/28/2016	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-9-5-042816	4/28/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-9-5-080116	8/1/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0019	J		<0.028	U		<0.0071	U	
		VMP-9-5-102516	10/25/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	ND,UJ	UJ	<0.0068	U	
		VMP-9-5-120916	12/9/2016	0.0025	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0014	J		<0.025	U		<0.0063	U	
	11.5 ft	VMP-9-11.5	11/11/2009	<0.004	U		<0.008	U		<0.006	U		<0.012	U		<0.003	U		<0.006	U		<0.011	U		<0.007	U	
		VMP-9-11.5-082610	8/26/2010	<0.08	U		<0.16	U		<0.12	U		<0.22	U		<0.068	U		<0.12	U		<0.21	U		<0.13	U	
		VMP-9-11.5-111910	11/19/2010	<0.23	U		<0.47	U		<0.34	U		<0.63	U		<0.2	U		<0.36	U		<0.62	U		<0.38	U	
		VMP-9-11.5-020911	2/9/2011	<0.0042	U		<0.0085	U		<0.0062	U		<0.011	U		<0.0035	U		<0.0066	U		<0.011	U		<0.007	U	
		VMP-9-11.5-020911-DUP	2/9/2011	<0.0032	U		<0.0066	U		<0.0048	U		<0.0089	U		<0.0028	U		<0.0051	U		<0.0086	U		<0.0054	U	
		VMP-9-11.5-040611	4/6/2011	<0.049	J	U	<0.025	U		<0.018	U		<0.034	U		<0.042	U		<0.019	U		<0.032	U		<0.02	U	
		VMP-9-11.5-080211	8/2/2011	<0.27	U		<0.55	U		<0.4	U		<0.75	U		<0.93	U		<0.43	U		<0.73	U		<0.46	U	
		VMP-9-11.5-110411	11/4/2011	<0.011	J	U	<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.0072	U		<0.0045	U	
		VMP-9-11.5-012612	1/26/2012	<0.0096	J	U	<0.0049	U		0.0019	J		<0.0066	U		<0.0082	U		<0.0038	U		<0.0064	U		<0.004	U	
		VMP-9-11.5-041112	4/11/2012	<0.011	U		<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		0.0025	J		<0.019	U		<0.0047	U	
		VMP-9-11.5-071312	7/13/2012	<0.013	U		<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		0.009			<0.021	U		<0.0053	U	UJ
		VMP-9-11.5-101012	10/10/2012	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0048	J		<0.028	U		<0.0071	U	
		VMP-9-11.5-012513	1/25/2013	<0.014	J	U	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.0079			<0.024	U		<0.006	U	
		VMP-9-11.5-012513-DUP	1/25/2013	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0075			<0.026	U		<0.0065	U	
		VMP-9-11.5-050113	5/1/2013	<0.019	J	U	<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		0.0061	J		<0.031	U		<0.0078	U	
		VMP-9-11.5-073013	7/30/2013	<0.019	U		<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		0.0082			<0.031	U		<0.0078	U	
		VMP-9-11.5-102213	10/22/2013	<0.016	J	U	0.00058	J		<0.006	U		0.001	J		<0.014	U		0.13			0.00036	J		<0.0067	U	
		VMP-9-11.5-122013-R	12/20/2013	<0.016	J	U	<0.0083	J	U	<0.0061	J	U	0.0013	J		<0.014	U		0.026			<0.027	U		<0.0068	J	U
		VMP-9-11.5-021114	2/11/2014	<0.014	U		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		0.0073			<0.024	U		<0.0059	U	
		VMP-9-11.5-043014	4/30/2014	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.0043	J		<0.026	U		<0.0064	U	
		VMP-9-11.5-081114	8/11/2014	0.0031	J		<0.0083	U		<0.0061	U		0.0033	J		<0.014	U		0.033			<0.027	U		<0.0068	U	
		VMP-9-11.5-110614	11/6/2014	<0.019	U	UJ	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.0035	J		<0.031	U		<0.0078	U	
		VMP-9-11.5-021115	2/11/2015	0.0025	J		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-9-11.5-050415	5/4/2015	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.004	J		<0.027	U		<0.0069	U	
		VMP-9-11.5-072815	7/28/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0076			0.0034	J		<0.007	U	
		VMP-9-11.5-102815	10/28/2015	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0038	J		<0.026	U		<0.0064	U	
		VMP-9-11.5-012816	1/28/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-9-11.5-042816	4/28/2016	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.0014	J		<0.027	U		<0.0067	U	
		VMP-9-11.5-080116	8/1/2016	0.018			<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.004	J		<0.03	U		<0.0077	U	
		VMP-9-11.5-080116-DUP	8/1/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.0035	J		<0.03	U		<0.0077	U	
		VMP-9-11.5-102516	10/25/2016	0.0046	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.01			<0.026	ND,UJ	UJ	<0.0064	U	
		VMP-9-11.5-120916	12/9/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.047			<0.027	U		<0.0067	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	25.5 ft	VMP-9-25.5	11/10/2009	<0.86	U		<1.7	U		<1.3	U		<2.3	U		<0.72	U		<1.3	U		<2.3	U		<1.4	U	
		VMP-9-25.5-D	11/10/2009	<0.77	U		<1.6	U		<1.1	U		<2.1	U		<0.65	U		<1.2	U		<2	U		<1.3	U	
		VMP-9-25.5-082610	8/26/2010	<0.63	U		<1.3	U		<0.93	U		<1.7	U		<0.53	U		<0.98	U		<1.7	U		<1	U	
		VMP-9-25.5-082610-DUP	8/26/2010	<0.67	U		<1.4	U		<0.99	U		<1.8	U		<0.57	U		<1	U		<1.8	U		<1.1	U	
		VMP-9-25.5-111910	11/19/2010	<0.72	U		<1.4	U		<1	U		<2	U		<0.61	U		<1.1	U		<1.9	U		<1.2	U	
		VMP-9-25.5-020911	2/9/2011	<0.39	U		<0.79	U		<0.58	U		<1.1	U		<0.33	U		<0.62	U		<1	U		<0.65	U	
		VMP-9-25.5-040811	4/8/2011	0.42	J		<0.4	U		<0.29	U		<0.54	U		0.26	J		<0.31	U		<0.53	U		<0.33	U	
		VMP-9-25.5-080211	8/2/2011	<0.44	U		<0.89	U		<0.65	U		<1.2	U		<1.5	U		<0.69	U		<1.2	U		<0.73	U	
		VMP-9-25.5-110711	11/7/2011	1.1	J		<0.78	U		0.35	J		<1.1	U		<1.3	U		<0.61	U		<1	U		<0.64	U	
		VMP-9-25.5-110711-DUP	11/7/2011	1.3	J		<0.68	U		0.31	J		<0.92	U		<1.1	U		<0.52	U		<0.89	U		<0.56	U	
		VMP-9-25.5-012612	1/26/2012	<0.1	U		<0.2	U		<0.15	U		<0.27	U		<0.34	U		<0.16	U		<0.26	U		<0.67	U	
		VMP-9-25.5-041112	4/11/2012	0.002	J	J	<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		0.0009	J		<0.019	U		0.00074	J	
		VMP-9-25.5-071312	7/13/2012	<0.012	J	U	<0.0062	U		<0.0045	J	U	<0.0084	U		<0.01	U		0.0068			<0.02	U		<0.0051	U	
		VMP-9-25.5-071312-Dup	7/13/2012	<0.012	J	U	<0.006	U		<0.0044	J	U	<0.0081	U		<0.01	U		0.0058			<0.02	U		<0.0049	U	
		VMP-9-25.5-101012	10/10/2012	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.015			<0.027	U		<0.0068	U	
		VMP-9-25.5-013013	1/30/2013	0.0028	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0095			<0.029	U		<0.0073	U	
		VMP-9-25.5-050113	5/1/2013	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.0083			<0.031	U		<0.0078	U	
		VMP-9-25.5-050113-Dup	5/1/2013	<0.019	J	U	<0.0098	U		<0.0071	U		<0.013	U		<0.016	U		0.0072	J		<0.032	U		<0.008	U	
		VMP-9-25.5-073013	7/30/2013	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.012			<0.03	U		<0.0076	U	
		VMP-9-25.5-102213	10/22/2013	<0.016	J	U	0.00027	J		<0.006	U		<0.011	U		<0.014	U		0.012			0.00023	J		<0.0068	U	
		VMP-9-25.5-102213-Dup	10/22/2013	<0.017	U		0.0003	J		<0.0062	U		<0.011	U		<0.014	U		0.012			<0.028	U		<0.0069	U	
		VMP-9-25.5-021114	2/11/2014	<0.014	U		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		0.0074			<0.023	U		<0.0057	U	
		VMP-9-25.5-043014	4/30/2014	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0098			<0.025	U		<0.0062	U	
		VMP-9-25.5-081114	8/11/2014	0.0034	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.025			<0.032	U		<0.0081	U	
		VMP-9-25.5-021115	2/11/2015	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.0054	J		<0.026	U		<0.0064	U	
		VMP-9-25.5-050415	5/4/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0021	J	J	<0.027	U		<0.0068	U	
		VMP-9-25.5-052915-R	5/29/2015	0.0049	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	ND,UJ	UJ	<0.0073	U	
		VMP-9-25.5-072815	7/28/2015	0.024			<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0025	J		<0.027	U		<0.0067	U	
		VMP-9-25.5-102815	10/28/2015	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.066			<0.024	U		<0.0062	U	
		VMP-9-25.5-012816	1/28/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.034			<0.03	U		<0.0076	U	
		VMP-9-25.5-042816	4/28/2016	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0048	J		<0.026	U		<0.0066	U	
		VMP-9-25.5-080116	8/1/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.028			<0.028	U		<0.0071	U	
		VMP-9-25.5-102516	10/25/2016	0.0018	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.032			<0.026	ND,UJ	UJ	<0.0065	U	
		VMP-9-25.5-120916	12/9/2016	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.04			<0.024	U		<0.0061	U	
	38.5 ft	VMP-9-38.5	11/10/2009	<1.7	U		<3.5	U		<2.5	U		<4.7	U		<1.4	U		<2.7	U		<4.5	U		<2.8	U	
		VMP-9-38.5-020911	2/9/2011	<0.65	U		<1.3	U		<0.96	U		<1.8	U		<0.55	U		<1	U		<1.7	U		<1.1	U	
		VMP-9-38.5-040811	4/8/2011	1.8	J		<1.7	U		<1.3	U		<2.4	U		0.73	J		<1.4	U		<2.3	U		<1.4	U	
		VMP-9-38.5-012612	1/26/2012	<0.13	U		<0.26	U		<0.19	U		<0.36	U		<0.44	U		<0.2	U		<0.35	U		<0.87	U	
		VMP-9-38.5-041112	4/11/2012	0.0038	J	J	<0.0051	U		<0.0037	U		<0.0068	U		<0.0085	U		0.0015	J		<0.017	U		<0.0042	U	
		VMP-9-38.5-071312	7/13/2012	<0.013	J	U	<0.0067	U		<0.0049	J	U	<0.009	U		<0.011	U		0.0073			<0.022	U		<0.0055	U	
		VMP-9-38.5-101012	10/10/2012	<0.049	J	U	<0.025	U		<0.018	U		<0.034	U		<0.042	U		<0.019	U		<0.081	U		<0.02	U	
		VMP-9-38.5-013013	1/30/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0059	J		<0.029	U		<0.0073	U	
		VMP-9-38.5-050113	5/1/2013	0.0089	J		<0.0098	U		<0.0071	U		<0.013	U		<0.016	U		0.011			<0.032	U		<0.008	U	
		VMP-9-38.5-073113	7/31/2013	<0.019	U		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.013			<0.031	U		<0.0078	U	
		VMP-9-38.5-102213	10/22/2013	0.0041	J		0.0037	J		<0.0064	U		0.00051	J		0.00096	J		0.031			0.017	J		<0.0072	U	
		VMP-9-38.5-021114	2/11/2014	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.02			<0.026	U		<0.0064	U	
		VMP-9-38.5-081114	8/11/2014	0.027			<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		0.011			<0.031	U		<0.0077	U	
		VMP-9-38.5-050415	5/4/2015	<0.092	U		<0.046	U		<0.034	U		<0.063	U		<0.078	U		<0.036	U		<0.15	U		<0.038	U	
		VMP-9-38.5-050415-DUP	5/4/2015	<0.011	U		<0.0057	U		<0.0041	U		<0.0077	U		<0.0095	U		<0.0044	U		0.0051	J		<0.0046	U	
		VMP-9-38.5-052915-R	5/29/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0047	J		<0.03	ND,UJ	UJ	<0.0075	U	
		VMP-9-38.5-072815	7/28/2015	0.004	J		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		0.0038	J		<0.023	U		<0.0057	U	
		VMP-9-38.5-102815	10/28/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.03			<0.028	U		<0.0071	U	
		VMP-9-38.5-012816	1/28/2016	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.037			<0.024	U		<0.006	U	
		VMP-9-38.5-042816	4/28/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.022			<0.027	U		<0.0068	U	
		VMP-9-38.5-072916	7/29/2016	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.15			<0.031	U		<0.0078	U	
		VMP-9-38.5-102516	10/25/2016	0.0031	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.2			<0.029	ND,UJ	UJ	<0.0072	U	
		VMP-9-38.5-120916	12/9/2016	<0.014	U		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		0.17			<0.023	U		<0.0058	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	<0.003	U		<0.006	U		<0.005	U		<0.009	U		<0.002	U		<0.005	U		<0.009	U		<0.005	U	
		VMP-10-5-090710	9/7/2010	0.01			<0.0083	U		<0.0061	U		<0.011	U		<0.0035	U		<0.0064	U		<0.011	U		<0.0068	U	
		VMP-10-5-111810	11/17/2010	<0.0038	U		0.001	J		<0.0056	U		<0.01	U		<0.0032	U		<0.0059	U		<0.01	U		<0.0063	U	
		VMP-10-5-021011	2/10/2011	<0.0037	U		<0.0075	U		<0.0055	U		<0.01	U		<0.0031	U		<0.0058	U		<0.0098	U		<0.0062	U	
		VMP-10-5-040511	4/5/2011	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.0091	U		<0.0057	U	
		VMP-10-5-07/2911	7/29/2011	0.0079	J		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.011	U		<0.0069	U	
		VMP-10-5-110411	11/4/2011	<0.0086	U		<0.0044	U		<0.0032	U		<0.0059	U		<0.0073	U		<0.0034	U		<0.0057	U		<0.0036	U	
		VMP-10-5-012512	1/26/2012	<0.011	U		<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.0072	U		<0.0045	U	
		VMP-10-5-041212	4/12/2012	<0.012	J	U	<0.0059	U		<0.0043	J	U	<0.008	U		<0.0099	U		<0.0046	U		<0.019	U		<0.0049	U	
		VMP-10-5-071312	7/13/2012	<0.012	J	U	<0.0061	U		<0.0044	J	U	<0.0082	U		<0.01	U		<0.0047	U		<0.02	U		<0.005	U	
		VMP-10-5-101612	10/16/2012	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-10-5-012913	1/29/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-10-5-012913-DUP	1/29/2013	<0.019	J	U	<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-10-5-043013	4/30/2013	<0.02	J	U	<0.01	U		<0.0074	U		<0.014	U		<0.017	U		<0.0079	U		<0.033	U		<0.0083	U	
		VMP-10-5-073013	7/30/2013	<0.017	J	U	<0.0084	U		<0.0062	J	U	<0.011	U		<0.014	U		<0.0065	U		<0.028	U		0.00086	J	
		VMP-10-5-111313	11/13/2013	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-10-5-021214	2/12/2014	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-10-5-022614-R	2/26/2014	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-10-5-042914	4/29/2014	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-10-5-073114	7/31/2014	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-10-5-103014	10/30/2014	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-10-5-020515	2/5/2015	<0.016	U		0.0011	J		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U	UJ	<0.0065	U	
		VMP-10-5-043015	4/30/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-10-5-072815	7/28/2015	0.0029	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-10-5-103015	10/30/2015	0.0034	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-10-5-012916	1/29/2016	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-10-5-050216	5/2/2016	0.0017	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-10-5-082616	8/26/2016	0.0023	J		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-10-5-110216	11/2/2016	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
	10 ft	VMP-10-10	11/11/2009	<0.003	U		<0.007	U		<0.005	U		<0.009	U		<0.003	U		<0.005	U		<0.009	U		<0.005	U	
		VMP-10-10-090710	9/7/2010	0.04			<0.0083	U		<0.0061	U		<0.011	U		<0.0035	U		<0.0064	U		<0.011	U		<0.0068	U	
		VMP-10-10-111810	11/17/2010	<0.004	U		0.0012	J		<0.0059	U		<0.011	U		<0.0034	U		<0.0063	U		<0.011	U		<0.0067	U	
		VMP-10-10-021111	2/11/2011	<0.0031	U		<0.0064	U		<0.0046	U		<0.0086	U		<0.0027	U		<0.0049	U		<0.0083	U		<0.0052	U	
		VMP-10-10-040611	4/6/2011	0.0014	J		<0.0083	U		<0.0061	J	U	0.0024	J		<0.014	U		<0.0064	U		<0.011	U		<0.0068	J	U
		VMP-10-10-072911	7/29/2011	0.0088	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		0.0018	J		<0.0071	U	
		VMP-10-10-110411	11/4/2011	<0.011	J	U	<0.0056	U		<0.0041	J	U	<0.0076	U		<0.0094	U		<0.0044	U		<0.0074	U		<0.0046	U	
		VMP-10-10-110411-DUP	11/4/2011	<0.011	J	U	<0.0056	U		<0.0041	J	U	<0.0076	J	U	<0.0094	U		<0.0044	U		<0.0074	U		<0.0046	U	
		VMP-10-10-012512	1/26/2012	<0.011	U		<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.0072	U		<0.0045	U	
		VMP-10-10-012512-DUP	1/26/2012	<0.011	U		<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		<0.0076	U		<0.0047	U	
		VMP-10-10-041112	4/11/2012	<0.012	U		<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		0.0079	J		<0.0049	U	
		VMP-10-10-071312	7/13/2012	<0.012	J	U	<0.0059	U		<0.0043	J	U	<0.008	U		<0.0099	U		<0.0046	U		<0.019	U		<0.0049	U	
		VMP-10-10-101612	10/16/2012	<0.02	U		<0.0099	U		<0.0073	U		<0.013	U		<0.017	U		<0.0077	U		<0.033	U		<0.0082	U	
		VMP-10-10-012913	1/29/2013	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-10-10-043013	4/30/2013	<0.018	J	U	<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-10-10-073013	7/30/2013	<0.017	U		<0.0086	U		<0.0063	J	U	<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-10-10-111313	11/13/2013	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-10-10-021214	2/12/2014	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-10-10-042914	4/29/2014	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-10-10-073114	7/31/2014	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-10-10-103014	10/30/2014	<0.032	U		<0.016	U		<0.012	U		<0.022	U		<0.027	U		<0.012	U		<0.053	U		<0.013	U	
		VMP-10-10-020515	2/5/2015	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U	UJ	<0.0064	U	
		VMP-10-10-043015	4/30/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-10-10-072815	7/28/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-10-10-103015	10/30/2015	0.0035	J		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-10-10-021616	2/16/2016	<0.017	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-10-10-050216	5/2/2016	<0.019	U		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.0081	U	
		VMP-10-10-072816	7/28/2016	0.0081	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-10-10-110216	11/2/2016	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	20 ft	VMP-10-20	11/11/2009	<0.003	U		<0.007	U		<0.005	U		<0.009	U		<0.003	U		<0.005	U		<0.009	U		<0.005	U	
		VMP-10-20-D	11/11/2009	<0.003	U		<0.007	U		<0.005	U		<0.01	U		<0.003	U		<0.006	U		<0.01	U		<0.006	U	
		VMP-10-20-090710	9/7/2010	0.0021	J		<0.0087	U		<0.0064	U		<0.012	U		<0.0036	U		<0.0067	U		<0.011	U		<0.0071	U	
		VMP-10-20-090710-DUP	9/7/2010	0.0034	J		<0.0081	U		<0.0059	U		<0.011	U		<0.0034	U		<0.0063	U		<0.011	U		<0.0067	U	
		VMP-10-20-111810	11/17/2010	<0.0076	U		<0.015	U		<0.011	U		<0.021	U		<0.0064	U		0.0017	J		<0.02	U		<0.013	U	
		VMP-10-20-111810-Dup	11/17/2010	<0.0038	U		<0.0078	U		<0.0057	U		<0.01	U		<0.0032	U		0.0014	J		<0.01	U		<0.0064	U	
		VMP-10-20-021111	2/11/2011	<0.0038	U		<0.0077	U		<0.0056	U		<0.01	U		<0.0032	U		<0.006	U		<0.01	U		<0.0063	U	
		VMP-10-20-040611	4/6/2011	<0.018	J	U	<0.0092	U		<0.0068	J	U	<0.012	U		<0.016	U		<0.0072	U		<0.012	U		<0.0076	J	U
		VMP-10-20-072911	7/29/2011	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.011	U		<0.0071	U	
		VMP-10-20-110411	11/4/2011	<0.011	J	U	<0.0056	U		<0.0041	J	U	<0.0076	U		<0.0094	U		<0.0044	U		<0.0074	U		<0.0046	U	
		VMP-10-20-012612	1/26/2012	<0.01	U		<0.0053	U		<0.0039	U		<0.0072	U		<0.0089	U		<0.0041	U		<0.0069	U		<0.0043	U	
		VMP-10-20-041212	4/12/2012	<0.012	J	U	<0.0059	U		<0.0043	J	U	<0.008	U		<0.0099	U		<0.0046	U		<0.019	U		<0.0049	U	
		VMP-10-20-071612	7/16/2012	<0.011	J	U	<0.0056	U		<0.0041	J	U	<0.0076	U		<0.0094	U		<0.0044	U		<0.018	U		<0.0046	U	
		VMP-10-20-101612	10/16/2012	0.0066	J		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		<0.0082	U	
		VMP-10-20-012913	1/29/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-10-20-043013	4/30/2013	<0.019	J	U	<0.0098	U		<0.0071	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-10-20-073013	7/30/2013	<0.016	J	U	<0.0084	U		<0.0061	J	U	<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-10-20-102313	10/23/2013	<0.016	J	U	0.00025	J		<0.006	U		<0.011	U		<0.014	U		0.00059	J		<0.027	U		<0.0068	U	
		VMP-10-20-021214	2/12/2014	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0008	J		<0.023	U		<0.0058	U	
		VMP-10-20-042914	4/29/2014	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-10-20-073114	7/31/2014	0.0037	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-10-20-103014	10/30/2014	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-10-20-020515	2/5/2015	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	UJ	<0.0067	U	
		VMP-10-20-043015	4/30/2015	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-10-20-072815	7/28/2015	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		0.015	J		<0.0072	U	
		VMP-10-20-072815-DUP	7/28/2015	0.0056	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		0.0032	J		<0.0074	U	
		VMP-10-20-103015	10/30/2015	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-10-20-012916	1/29/2016	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-10-20-050216	5/2/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-10-20-072816	7/28/2016	0.0063	J		<0.018	U		<0.013	U		<0.024	U		<0.03	U		<0.014	U		<0.058	U		<0.014	U	
		VMP-10-20-110216	11/2/2016	0.0078	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
	30 ft	VMP-10-30	11/13/2009	<0.003	U		<0.007	U		<0.005	U		<0.01	U		<0.003	U		0.016			<0.01	U		<0.006	U	
		VMP-10-30-041212	4/12/2012	<0.012	U		<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		<0.0051	U	
		VMP-10-30-071612	7/16/2012	<0.011	J	U	<0.0054	U		<0.004	J	U	<0.0074	U		<0.0091	U		<0.0042	J	U	<0.018	U		<0.0045	U	
		VMP-10-30-101612	10/16/2012	<0.019	U		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-10-30-012913	1/29/2013	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-10-30-043013	4/30/2013	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-10-30-073013	7/30/2013	<0.017	U		<0.0084	U		<0.0061	J	U	<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-10-30-102813	10/28/2013	<0.018	U		0.00028	J		<0.0066	U		<0.012	U		<0.015	U		0.00087	J		0.00031	J		<0.0074	U	
		VMP-10-30-021214	2/12/2014	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-10-30-042914	4/29/2014	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-10-30-073114	7/31/2014	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0033	J		<0.029	U		<0.0073	U	
		VMP-10-30-073114-Dup	7/31/2014	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0032	J		<0.026	U		<0.0066	U	
		VMP-10-30-103014	10/30/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0023	J		<0.026	U		<0.0065	U	
		VMP-10-30-103014-DUP	10/30/2014	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0021	J		<0.029	U		<0.0072	U	
		VMP-10-30-020515	2/5/2015	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U	UJ	<0.0069	U	
		VMP-10-30-020515-DUP	2/5/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U	UJ	<0.0066	U	
		VMP-10-30-043015	4/30/2015	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-10-30-072815	7/28/2015	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
		VMP-10-30-103015	10/30/2015	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-10-30-012916-DUP	1/29/2016	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-10-30-050216	5/2/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-10-30-050216-DUP	5/2/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-10-30-072816	7/28/2016	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-10-30-110216	11/2/2016	<0.019	U		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.0081	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.028	U		<0.056	U		<0.041	U		<0.076	U		<0.024	U		<0.044	U		<0.074	U		<0.046	U	
		VMP-11-5-090710	9/7/2010	0.0021	J		<0.0078	U		<0.0057	U		<0.01	U		<0.0032	U		0.0019	J		<0.01	U		<0.0064	U	
		VMP-11-5-112210	11/22/2010	<0.004	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.0034	U		0.0039	J		<0.011	U		<0.0067	U	
		VMP-11-5-021511	2/15/2011	<0.0036	U		<0.0072	U		<0.0052	U		<0.0097	U		<0.003	U		0.0025	J		<0.0094	U		<0.0059	U	
		VMP-11-5-040611	4/6/2011	0.0088	J		<0.068	U		<0.05	U		<0.092	U		<0.11	U		<0.053	U		0.055	J		<0.056	U	
		VMP-11-5-080711	8/7/2011	<0.046	U		<0.093	U		<0.068	U		<0.13	U		<0.16	U		<0.072	U		<0.12	U		<0.077	U	
		VMP-11-5-111111	11/11/2011	<0.036	U		<0.018	U		<0.014	U		<0.025	U		<0.031	U		0.006	J		<0.024	U		<0.015	U	
		VMP-11-5-012612	1/26/2012	<0.011	U		<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		0.01			<0.0072	U		<0.0045	U	
		VMP-11-5-041912	4/19/2012	<0.012	J	U	<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		<0.0051	U	
		VMP-11-5-071912	7/16/2012	<0.016	J	U	<0.008	U		<0.0058	J	U	<0.011	U		<0.013	U		<0.0062	J	U	<0.026	U		<0.0066	J	U
		VMP-11-5-101612	10/16/2012	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-11-5-012913	1/29/2013	0.16	J		<0.45	U		<0.33	U		<0.61	U		<0.76	U		<0.35	U		<1.5	U		<0.37	U	
		VMP-11-5-043013	4/30/2013	<0.019	J	U	<0.0095	U		<0.0069	J	U	<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-11-5-073113	7/31/2013	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.0079	U	
		VMP-11-5-102813	10/28/2013	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-11-5-022114	2/21/2014	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.021			<0.025	U		<0.0064	U	
		VMP-11-5-043014	4/30/2014	<0.014	J	U	0.001	J		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-11-5-073114	7/31/2014	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-11-5-103014	10/30/2014	0.069			<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-11-5-020515	2/5/2015	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U	UJ	<0.0064	U	
		VMP-11-5-043015	4/30/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-11-5-072815	7/28/2015	0.039			<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-11-5-103015	10/30/2015	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-11-5-012916	1/29/2016	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-11-5-050216	5/2/2016	0.0013	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-11-5-080116	8/1/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-11-5-110116	11/1/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
	8 ft	VMP-11-8	11/17/2009	<0.003	U		<0.007	U		<0.005	U		<0.01	U		<0.003	U		<0.006	U		<0.01	U		<0.006	U	
		VMP-11-8-090810	9/8/2010	<0.0049		U	<0.0081	U		<0.0059	U		<0.011	U		<0.0034	U		0.0014	J		<0.011	U		<0.0067	U	
		VMP-11-8-112210	11/22/2010	<0.004	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.0034	U		<0.0063	U		<0.011	U		<0.0067	U	
		VMP-11-8-021111	2/11/2011	<0.0039	U		<0.0079	U		<0.0058	U		<0.011	U		<0.0033	U		0.0018	J		<0.01	U		<0.0065	U	
		VMP-11-8-021111-DUP	2/11/2011	<0.0036	U		<0.0074	U		<0.0054	U		<0.01	U		<0.0031	U		0.0019	J		<0.0097	U		<0.0061	U	
		VMP-11-8-040611	4/6/2011	<0.069	U		<0.035	U		<0.026	U		<0.047	U		<0.058	U		<0.027	U		<0.046	U		<0.029	U	
		VMP-11-8-040611-DUP	4/6/2011	0.0041	J		<0.03	U		<0.022	U		<0.041	U		<0.051	U		0.0029	J		<0.04	U		<0.025	U	
		VMP-11-8-080711	8/7/2011	<0.046	U		<0.093	U		<0.068	U		<0.13	U		<0.16	U		<0.072	U		<0.12	U		<0.077	U	
		VMP-11-8-111411	11/14/2011	0.0037	J		<0.0055	U		<0.004	U		<0.0075	U		<0.0093	U		0.0026	J		<0.0073	U		<0.0046	U	
		VMP-11-8-012612	1/26/2012	<0.011	U		<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		0.0094			<0.0071	U		<0.0044	U	
		VMP-11-8-041912	4/19/2012	<0.012	J	U	<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		<0.0051	U	
		VMP-11-8-072012	7/20/2012	<0.012	U		<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		<0.0051	U	
		VMP-11-8-101612	10/16/2012	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-11-8-101612-Dup	10/16/2012	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0042	J		<0.03	U		<0.0075	U	
		VMP-11-8-012913	1/29/2013	0.018	J		<0.062	U		<0.045	U		<0.084	U		<0.1	U		<0.048	U		<0.2	U		<0.051	U	
		VMP-11-8-050113	5/1/2013	<0.018	J	U	<0.0089	U		<0.0065	J	U	<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-11-8-080113	8/1/2013	<0.017	J	U	<0.0088	U		<0.0064	J	U	<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	J	U
		VMP-11-8-102813	10/28/2013	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.00026	J		<0.03	U		<0.0075	U	
		VMP-11-8-022114	2/21/2014	<0.015	U		<0.0074	U		<0.0054	U		0.002	J		<0.012	U		0.031			<0.024	U		<0.0061	U	
		VMP-11-8-043014	4/30/2014	<0.014	J	U	<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-11-8-073114	7/31/2014	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-11-8-111014-R	11/10/2014	0.0024	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-11-8-020515	2/5/2015	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U	UJ	<0.0062	U	
		VMP-11-8-043015	4/30/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-11-8-072815	7/28/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-11-8-103015	10/30/2015	<0.015	J	U	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-11-8-012916	1/29/2016	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-11-8-050616	5/6/2016	0.0035	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	UJ	<0.0074	U	
		VMP-11-8-080116	8/1/2016	0.0046	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-11-8-110116	11/1/2016	0.019			<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	29 ft	VMP-11-29	11/18/2009	<26	U		<53	U		<39	U		<72	U		<22	U		<42	U		<70	U		<44	U	
		VMP-11-29-090810	9/8/2010	<0.1	U		<0.2	U		<0.15	U		<0.27	U		<0.085	U		<0.16	U		<0.27	U		<0.17	U	
		VMP-11-29-112210	11/22/2010	<1.4	U		<2.9	U		<2.1	U		<3.9	U		<1.2	U		<2.2	U		<3.8	U		<2.4	U	
		VMP-11-29-112210-Dup	11/22/2010	<1	U		<2	U		<1.5	U		<2.7	U		<0.84	U		<1.6	U		<2.6	U		<1.6	U	
		VMP-11-29-021411	2/14/2011	<0.0039	U		<0.0079	U		<0.0058	U		<0.011	U		<0.0033	U		0.0069			<0.01	U		<0.0065	U	
		VMP-11-29-040611	4/6/2011	0.0075	J		<0.059	U		<0.044	U		<0.08	U		<0.1	U		<0.046	U		<0.078	U		<0.049	U	
		VMP-11-29-082511	8/25/2011	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.013			<0.011	U		<0.0071	U	
		VMP-11-29-082511-Dup	8/25/2011	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.013			<0.011	U		<0.0071	U	
		VMP-11-29-111411	11/14/2011	<0.011	U		<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		0.014			<0.0072	U		<0.0045	U	
		VMP-11-29-012612	1/26/2012	<0.01	U		<0.0053	U		<0.0039	U		<0.0072	U		<0.0089	U		0.024			<0.0069	U		<0.0043	U	
		VMP-11-29-042712	4/27/2012	<0.011	J	U	<0.0055	U		<0.004	J	U	<0.0074	U		<0.0092	U		0.019			<0.018	U		<0.0045	U	
		VMP-11-29-072012	7/23/2012	0.009	J		<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		0.019			<0.018	U		<0.0045	J	U
		VMP-11-29-101612	10/16/2012	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.08			<0.03	U		<0.0077	U	
		VMP-11-29-012913	1/29/2013	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.28			<0.03	U		<0.0075	U	
		VMP-11-29-043013	4/30/2013	<0.018	J	U	<0.009	U		<0.0066	J	U	<0.012	U		<0.015	U		0.076			<0.029	U		<0.0074	U	
		VMP-11-29-073113	7/31/2013	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.066			<0.029	U		<0.0072	U	
		VMP-11-29-102813	10/28/2013	0.0029	J	J	<0.015	U		<0.011	U		<0.02	U		<0.025	U		0.015			0.00088	J		<0.012	U	
		VMP-11-29-022114	2/21/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.011			<0.026	U		<0.0066	U	
		VMP-11-29-043014	4/30/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.002	J		<0.026	U		<0.0065	U	
		VMP-11-29-073114	7/31/2014	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0028	J		<0.03	U		<0.0075	U	
		VMP-11-29-103014	10/30/2014	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0012	J		<0.026	U		<0.0064	U	
		VMP-11-29-103014-DUP	10/30/2014	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		0.0008	J		<0.025	U		<0.0062	U	
		VMP-11-29-020515	2/5/2015	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.0012	J		<0.029	U	UJ	<0.0073	U	
		VMP-11-29-020515-DUP	2/5/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.00097	J		<0.027	U	UJ	<0.0067	U	
		VMP-11-29-043015	4/30/2015	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-11-29-072815	7/28/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.002	J		<0.028	U		<0.007	U	
		VMP-11-29-110515	11/5/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0027	J		0.0026	J		<0.0073	U	
		VMP-11-29-012916	1/29/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0022	J		<0.03	U		<0.0074	U	
		VMP-11-29-050216	5/2/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0013	J		<0.029	U		<0.0072	U	
		VMP-11-29-080216	8/2/2016	0.0054	J		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-11-29-110116	11/1/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
	38 ft	VMP-11-38	11/18/2009	<77	U		<160	U		<110	U		<210	U		<65	U		<120	U		<200	U		<130	U	
		VMP-11-38-042312	4/23/2012	<0.2	U		<0.41	U		<0.3	U		<0.56	U		<0.69	U		<0.32	U		<0.54	U		<1.4	U	
		VMP-11-38-042312-Dup	4/23/2012	<0.71	U		<1.4	U		<1	U		<2	U		<2.4	U		<1.1	U		<1.9	U		<4.7	U	
		VMP-11-38-072312	7/23/2012	<0.34	U		<0.68	U		<0.5	U		<0.92	U		<1.1	U		<0.53	U		<0.9	U		<0.56	U	
		VMP-11-38-101612	10/16/2012	0.074			<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.028			0.0075	J		<0.0078	U	
		VMP-11-38-013013	1/30/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.091			<0.028	U		<0.0071	U	
		VMP-11-38-043013	4/30/2013	<0.019	J	U	<0.0094	U		<0.0069	J	U	<0.013	U		<0.016	U		0.036			0.0039	J		<0.0078	U	
		VMP-11-38-073113	7/31/2013	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.034			<0.03	U		<0.0075	U	
		VMP-11-38-073113-Dup	7/31/2013	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.034			<0.03	U		<0.0076	U	
		VMP-11-38-102813	10/28/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0099			0.0018	J		<0.0073	U	
		VMP-11-38-022114	2/21/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.013			<0.026	U		<0.0066	U	
		VMP-11-38-043014	4/30/2014	<0.016	J	U	0.0012	J		<0.0058	U		<0.011	U		<0.013	U		0.032			0.0042	J	J	<0.0065	U	
		VMP-11-38-073114	7/31/2014	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.015			<0.028	U		<0.0071	U	
		VMP-11-38-103014	10/30/2014	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.01			<0.03	U		<0.0074	U	
		VMP-11-38-020515	2/5/2015	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0086			<0.024	U	UJ	<0.0062	U	
		VMP-11-38-043015	4/30/2015	<0.019	J	U	<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.0086			<0.031	U		<0.0078	U	
		VMP-11-38-072815	7/28/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0096			<0.028	U		<0.0071	U	
		VMP-11-38-103015	10/30/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0088			0.0038	J		<0.0065	U	
		VMP-11-38-103015-DUP	10/30/2015	<0.014	J	U	<0.0071	U		<0.0052	U		<0.0097	U		<0.012	U		0.0096			0.0016	J		<0.0059	U	
		VMP-11-38-012916	1/29/2016	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		0.0061	J		<0.027	U		<0.0068	U	
		VMP-11-38-050216	5/2/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0073			<0.027	U		<0.0067	U	
		VMP-11-38-050216-DUP	5/2/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0066			<0.026	U		<0.0065	U	
		VMP-11-38-080216	8/2/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0084			<0.03	U		<0.0075	U	
		VMP-11-38-110216	11/2/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		0.011			<0.03	U		<0.0076	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<9.8	U		<20	U		<14	U		<27	U		<8.3	U		<15	U		<26	U		<16	U	
		VMP-12-5-090310	9/3/2010	<4.2	U		<8.5	U		<6.2	U		<11	U		<3.5	U		<6.6	U		<11	U		<7	U	
		VMP-12-5-120310	12/3/2010	<41	U		<84	U		<61	U		<110	U		<35	U		<65	U		<110	U		<69	U	
		VMP-12-5-021511	2/15/2011	<1.9	U		<3.8	U		<2.8	U		<5.2	U		<1.6	U		<3	U		<5	U		<3.2	U	
		VMP-12-5-041911	4/19/2011	<14	U		<28	U		<20	U		<38	U		<47	U		<22	U		<37	U		<23	U	
		VMP-12-5-080411	8/4/2011	<3.6	U		<7.3	U		<5.3	U		<9.8	U		<12	U		<5.6	U		<9.5	U		<6	U	
		VMP-12-5-111611	11/16/2011	0.0055	J		<0.0051	U		0.0018	J		<0.0069	U		<0.0086	U		<0.004	U		<0.0067	U		<0.0042	U	
		VMP-12-5-012412	1/24/2012	<0.028	U		<0.058	U		<0.042	U		<0.078	U		<0.096	U		<0.045	U		<0.076	U		<0.19	U	
		VMP-12-5-041912	4/19/2012	<0.011	J	U	<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		0.0047	J		<0.0047	U	
		VMP-12-5-072612	7/26/2012	<0.012	J	U	<0.0061	U		<0.0045	J	U	<0.0083	U		<0.01	U		0.0049			<0.02	U		<0.005	U	
		VMP-12-5-072612-Dup	7/26/2012	<0.011	J	U	<0.0056	U		<0.0041	J	U	<0.0076	U		<0.0094	U		<0.0043	U		<0.018	U		<0.0046	U	
		VMP-12-5-102412	10/24/2012	<0.019	J	U	<0.0094	U		<0.0069	J	U	<0.013	U		<0.016	U		0.0014	J		<0.031	U		<0.0078	U	
		VMP-12-5-021813	2/18/2013	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-12-5-051013	5/10/2013	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-12-5-081213	8/12/2013	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0037	J		<0.028	UJ	UJ	<0.0071	U	
		VMP-12-5-111413	11/14/2013	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-12-5-031914-R	3/19/2014	<0.016	J	U	<0.0079	U		<0.0058	J	U	<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-12-5-050214	5/2/2014	<0.013	J	U	<0.0066	U		<0.0048	U		<0.0089	U		<0.011	U		<0.0051	U		0.0023	J		<0.0054	U	
		VMP-12-5-081514	8/15/2014	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	J	U	<0.029	U		<0.0073	U	
		VMP-12-5-110714	11/10/2014	0.0024	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-12-5-021115	2/11/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-12-5-050715	5/7/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-12-5-073115	7/31/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		0.0079	J		<0.007	U	
		VMP-12-5-110415	11/4/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-12-5-020316	2/3/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-12-5-050416	5/4/2016	<0.02	U		<0.0099	U		<0.0073	U		<0.013	U		<0.017	U		<0.0077	U		<0.033	U	UJ	<0.0082	U	
		VMP-12-5-080316	8/3/2016	0.012	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-12-5-103116	10/31/2016	0.0033	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
	11.5 ft	VMP-12-11.5	11/13/2009	<17	U		<35	U		<25	U		<47	U		<14	U		<27	U		<45	U		<28	U	
		VMP-12-11.5-090310	9/3/2010	<5.4	U		<11	U		<7.9	U		<15	U		<4.6	U		<8.4	U		<14	U		<8.9	U	
		VMP-12-11.5-120310	12/3/2010	<4.6	U		<9.4	U		<6.9	U		<13	U		<3.9	U		<7.3	U		<12	U		<7.7	U	
		VMP-12-11.5-021511	2/15/2011	<4.2	U		<8.4	U		<6.2	U		<11	U		<3.5	U		<6.5	U		<11	U		<6.9	U	
		VMP-12-11.5-021511-DUP	2/15/2011	<3.6	U		<7.3	U		<5.3	U		<9.8	U		<3	U		<5.6	U		<9.5	U		<6	U	
		VMP-12-11.5-041911	4/19/2011	<12	U		<25	U		<19	U		<34	U		<43	U		<20	U		<33	U		<21	U	
		VMP-12-11.5-080411	8/4/2011	<4.4	U		<8.9	U		<6.5	U		<12	U		<15	U		<6.9	U		<12	U		<7.3	U	
		VMP-12-11.5-111611	11/16/2011	<0.14	U		<0.071	U		0.028	J		<0.096	U		<0.12	U		<0.055	U		<0.093	U		<0.058	U	
		VMP-12-11.5-012412	1/24/2012	<0.33	U		<0.66	U		<0.48	U		<0.89	U		<1.1	U		<0.51	U		<0.87	U		<2.2	U	
		VMP-12-11.5-041912	4/19/2012	<0.03	U		<0.06	U		<0.044	U		<0.081	U		<0.1	U		<0.047	U		<0.079	U		<0.049	U	
		VMP-12-11.5-082012	8/20/2012	<0.019	J	U	<0.0095	U		<0.007	J	U	<0.013	U		<0.016	U		0.0062	J		<0.031	U		<0.0078	U	
		VMP-12-11.5-102612	10/26/2012	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-12-11.5-021813	2/18/2013	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-12-11.5-051013	5/10/2013	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-12-11.5-081213	8/12/2013	<0.018	J	U	<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		0.0024	J		<0.03	UJ	UJ	<0.0075	U	
		VMP-12-11.5-111413	11/14/2013	<0.017	U		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.0014	J		<0.028	U		<0.0069	U	
		VMP-12-11.5-022814	2/28/2014	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-12-11.5-050214	5/2/2014	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-12-11.5-081514	8/15/2014	<0.017	J	U	0.0011	J		<0.0063	U		<0.012	U		<0.014	U		<0.0066	J	U	<0.028	U		<0.007	U	
		VMP-12-11.5-110714	11/7/2014	0.0049	J		<0.018	U		<0.013	U		<0.024	U		<0.03	U		<0.014	U		<0.058	U		<0.014	U	
		VMP-12-11.5-021115	2/11/2015	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-12-11.5-050715	5/7/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-12-11.5-073115	7/31/2015	0.016	J		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-12-11.5-110415	11/4/2015	0.0016	J		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-12-11.5-020316	2/3/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-12-11.5-050416	5/4/2016	0.0012	J		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U	UJ	<0.0076	U	
		VMP-12-11.5-080316	8/3/2016	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-12-11.5-110316	11/3/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	25 ft	VMP-12-25	11/13/2009	<35	U		<71	U		<52	U		<96	U		<30	U		<55	U		<93	U		<58	U	
		VMP-12-25-090310	9/3/2010	<6.8	U		<14	U		<10	U		<19	U		<5.8	U		<11	U		<18	U		<11	U	
		VMP-12-25-120310	12/3/2010	<0.34	U		<0.68	U		<0.5	U		<0.93	U		<0.29	U		<0.53	U		<0.9	U		<0.56	U	
		VMP-12-25-021511	2/15/2011	<8.3	U		<17	U		<12	U		<23	U		<7	U		<13	U		<22	U		<14	U	
		VMP-12-25-041911	4/19/2011	<14	U		<27	U		<20	U		<37	U		<46	U		<21	U		<36	U		<22	U	
		VMP-12-25-080411	8/4/2011	<8.6	U		<17	U		<13	U		<23	U		<29	U		<13	U		<23	U		<14	U	
		VMP-12-25-111611	11/16/2011	23	J		<20	U		4.8	J		<27	U		<33	U		<15	U		<26	U		<16	U	
		VMP-12-25-012412	1/24/2012	<3.7	U		<7.6	U		<5.5	U		<10	U		<13	U		<5.8	U		<9.9	U		<25	U	
		VMP-12-25-012412-DUP	1/24/2012	<27	U		<55	U		<40	U		<74	U		<92	U		<43	U		<72	U		<180	U	
		VMP-12-25-041912	4/19/2012	<2.8	U		<5.8	U		<4.2	U		<7.8	U		<9.6	U		<4.5	U		<7.6	U		<4.7	U	
		VMP-12-25-072712	7/27/2012	<3.1	U		<6.3	U		<4.6	U		<8.6	U		<11	U		<4.9	U		<8.3	U		<5.2	U	
		VMP-12-25-072712-Dup	7/27/2012	<3.1	U		<6.3	U		<4.6	U		<8.6	U		<11	U		<4.9	U		<8.3	U		<5.2	U	
		VMP-12-25-102512	10/25/2012	<1.3	U		<2.7	U		<2	U		<3.7	U		<4.6	U		<2.1	U		<3.6	U		<2.2	U	
		VMP-12-25-021513	2/15/2013	<2.5	U		<5.1	U		<3.7	U		<6.8	U		<8.5	U		<3.9	U		<6.6	U		<4.2	U	
		VMP-12-25-051013	5/10/2013	<33	U		<17	U		<12	U		<22	U		<28	U		<13	U		<55	U		<14	U	
		VMP-12-25-081213	8/12/2013	<4.3	U		<8.7	U		<6.4	U		<12	U		<15	U		<6.8	U		<11	U		<7.2	U	
		VMP-12-25-111413	11/14/2013	<0.33	U		<0.17	U		<0.12	U		<0.23	U		<0.28	U		<0.13	U		<0.55	U		<0.14	U	
		VMP-12-25-022814	2/28/2014	<0.083	U		<0.17	U		<0.12	U		<0.23	U		<0.28	U		<0.13	U		<0.22	U		<0.14	U	
		VMP-12-25-050214	5/2/2014	0.0071	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0026	J		<0.03	U		<0.0074	U	
		VMP-12-25-081514	8/15/2014	<0.019	J	U	0.0012	J		<0.0069	U		<0.013	U		<0.016	U		0.0054	J		<0.031	U		<0.0078	U	
		VMP-12-25-110714	11/7/2014	0.0024	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0024	J		<0.029	U		<0.0073	U	
		VMP-12-25-021115	2/11/2015	0.0018	J		<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		<0.0054	U		<0.023	U		<0.0058	U	
		VMP-12-25-050715	5/7/2015	<0.018	J	U	<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-12-25-073115	7/31/2015	<0.02	J	U	<0.01	U		<0.0074	U		<0.014	U		<0.017	U		0.0027	J		<0.033	U		<0.0084	U	
		VMP-12-25-110415	11/4/2015	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-12-25-021616	2/16/2016	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-12-25-021616-DUP	2/16/2016	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-12-25-050416	5/4/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U	UJ	<0.0068	U	
		VMP-12-25-080316	8/3/2016	0.017	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-12-25-103116	10/31/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0026	J		<0.028	U		<0.007	U	
		VMP-12-25-103116-Dup	10/31/2016	0.012	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0017	J		<0.026	U		<0.0065	U	
	39 ft	VMP-12-39	11/13/2009	<37	U		<74	U		<54	U		<100	U		<31	U		<58	U		<98	U		<61	U	
		VMP-12-39-041911	4/19/2011	<13	U		<26	U		<19	U		<36	U		<44	U		<20	U		<35	U		<22	U	
		VMP-12-39-012412	1/24/2012	<27	U		<55	U		<40	U		<74	U		<92	U		<43	U		<72	U		<180	U	
		VMP-12-39-041912	4/19/2012	<14	U		<28	U		<20	U		<37	U		<46	U		<21	U		<36	U		<23	U	
		VMP-12-39-072612	7/26/2012	1.1	J		<13	U		<9.2	U		<17	U		<21	U		<9.8	U		<17	U		<10	U	
		VMP-12-39-102412	10/24/2012	5.3	J		<33	U		<24	U		<45	U		<56	U		<26	U		<44	U		<27	U	
		VMP-12-39-021513	2/15/2013	<7.5	U		<15	U		<11	U		<21	U		2.2	J		<12	U		<20	U		<12	U	
		VMP-12-39-051013	5/10/2013	<52	U		<26	U		<19	U		<36	U		<44	U		<20	U		<86	U		<22	U	
		VMP-12-39-081213	8/12/2013	<5.7	U		<11	U		<8.4	U		<16	U		<19	U		<8.9	U		<15	U		<9.4	U	
		VMP-12-39-111413	11/14/2013	<54	U		<28	U		<20	U		<37	U		<46	U		<21	U		<90	U		<23	U	
		VMP-12-39-022814	2/28/2014	<1.9	U		<3.8	U		<2.8	U		<5.1	U		<6.3	U		<2.9	U		<5	U		<3.1	U	
		VMP-12-39-050214	5/2/2014	<2	U		<4.1	U		<3	U		<5.5	U		<6.9	U		<3.2	U		<5.4	U		<3.4	U	
		VMP-12-39-081514	8/15/2014	<19	U		<9.8	U		<7.2	U		<13	U		<16	U		<7.6	U		<32	U		<8.1	U	
		VMP-12-39-081514-Dup	8/15/2014	<17	U		<8.5	U		<6.2	U		<12	U		<14	U		<6.6	U		<28	U		<7	U	
		VMP-12-39-110714	11/7/2014	<2.1	U		<4.2	U		<3.1	U		<5.8	U		<7.1	U		<3.3	U		<5.6	U		<3.5	U	
		VMP-12-39-021115	2/11/2015	<1	U		<2.1	U		<1.5	U		<2.8	U		<3.5	U		<1.6	U		<2.7	U		<1.7	U	
		VMP-12-39-050715	5/7/2015	1.4	J		<4.6	U		<3.4	U		<6.3	U		<7.8	U		<3.6	U		<15	U		<3.8	U	
		VMP-12-39-050715-DUP	5/7/2015	1.3	J		<4.3	U		<3.1	U		<5.8	U		<7.2	U		<3.3	U		<14	U		<3.5	U	
		VMP-12-39-061515-Dup-R	6/15/2015	<0.039	U		<0.078	U		<0.057	U		<0.11	U		<0.13	U		<0.061	U		<0.1	U		<0.064	U	
		VMP-12-39-061515-R	6/15/2015	<0.045	U		<0.09	U		<0.066	U		<0.12	U		<0.15	U		<0.07	U		<0.12	U		<0.074	U	
		VMP-12-39-073115	7/31/2015	<0.94	U		<1.9	U		<1.4	U		<2.6	U		<3.2	U		<1.5	U		<2.5	U		<1.6	U	
		VMP-12-39-073115-DUP	7/31/2015	<2.6	U		<5.2	U		<3.8	U		<7	U		<8.6	U		<4	U		<6.8	U		<4.2	U	
		VMP-12-39-110415	11/4/2015	<1.6	U		<3.2	U		<2.3	U		<4.3	U		<5.4	U		<2.5	U		<4.2	U		<2.6	U	UJ
		VMP-12-39-020316	2/3/2016	6.2	J	J	<24	U		<17	U		<32	U		<40	U		<18	U		<31	U		<19	U	
		VMP-12-39-050416	5/4/2016	<16	U		<8.1	U		<5.9	U		<11	U		<14	U		<6.3	U		<26	U		<6.6	U	
		VMP-12-39-080316	8/3/2016	6.4	J		<7	U		<5.2	U		<9.5	U		<12	U		<5.5	U		<23	U		<5.8	U	
		VMP-12-39-110316	11/3/2016	15	J		<18	U		<13	U		<25	U		<31	U		<14	U		<60	U		<15	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11									
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<7.5	U		<15	U		<11	U		<21	U		<6.4	U		<12	U		<20	U		<12	U	
		VMP 13-5-091310	9/13/2010	0.018	J		<0.055	U		<0.04	U		<0.075	U		<0.023	U		<0.043	U		<0.073	U		<0.046	U	
		VMP-13-5-120110	12/1/2010	<0.0036	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.0031	U		<0.0057	U		<0.0096	U		<0.006	U	
		VMP-13-5-021811	2/18/2011	<0.0043	U		<0.0087	U		<0.0064	U		<0.012	U		<0.0036	U		<0.0067	U		<0.011	U		<0.0071	U	
		VMP-13-5-040511	4/5/2011	<0.034	U		<0.017	U		<0.013	U		<0.024	U		<0.029	U		<0.013	U		<0.023	U		<0.014	U	
		VMP-13-5-080911	8/9/2011	<0.037	U		<0.019	U		0.0046	J		<0.025	U		<0.031	U		<0.014	U		<0.024	U		<0.015	J	U
		VMP-13-5-080911-DUP	8/9/2011	<0.033	J	U	<0.017	U		0.0044	J		<0.022	U		<0.028	U		<0.013	U		<0.022	U		<0.014	U	
		VMP-13-5-111411	11/14/2011	0.0018	J		<0.0058	U		<0.0042	U		<0.0078	U		<0.0097	U		<0.0045	U		<0.0076	U		<0.0048	U	
		VMP-13-5-012712	1/27/2012	<0.024	U		<0.049	U		<0.036	U		<0.066	U		<0.082	U		<0.038	U		<0.064	U		<0.16	U	
		VMP-13-5-042012	4/20/2012	0.002	J		<0.0056	U		<0.0041	U		<0.0076	U		<0.0094	U		0.0022	J		<0.018	U		<0.0046	J	U
		VMP-13-5-071912	7/19/2012	<0.012	U		<0.0059	U		0.0011	J		<0.008	U		<0.0099	U		0.0056			<0.019	J	U	<0.0048	U	UJ
		VMP-13-5-071912-Dup	7/19/2012	<0.012	U		<0.0059	U		0.0011	J		<0.008	U		<0.0099	U		0.006			<0.019	U		<0.0048	U	UJ
		VMP-13-5-100912	10/9/2012	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-13-5-012913	1/29/2013	<0.019	J	U	<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-13-5-050113	5/1/2013	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-13-5-073113	7/31/2013	<0.018	J	U	<0.0091	U		<0.0067	J	U	<0.012	U		<0.015	U		0.0068			0.0058	J		<0.0075	U	
		VMP-13-5-111513	11/15/2013	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-13-5-022114	2/21/2014	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
		VMP-13-5-050114	5/1/2014	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-13-5-080814	8/8/2014	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0083			<0.025	U		<0.0063	U	
		VMP-13-5-103014	10/30/2014	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-13-5-020515	2/5/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U	
		VMP-13-5-043015	4/30/2015	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-13-5-072715	7/27/2015	0.0091	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.0029	J		<0.029	U		<0.0073	U	
		VMP-13-5-110215	11/2/2015	<0.014	U		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		0.0018	J		<0.024	U		<0.0059	U	
		VMP-13-5-012616	1/26/2016	<0.014	J	U	<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-13-5-050316	5/3/2016	0.00068	J		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.0015	J		<0.028	U	UJ	<0.0069	U	
		VMP-13-5-072916	7/29/2016	0.0086	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.015			<0.029	U		<0.0073	U	
		VMP-13-5-110216	11/2/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0011	J		<0.026	U		<0.0065	U	
	10.5 ft	VMP-13-10.5	11/17/2009	<0.93	U		<1.9	U		<1.4	U		<2.5	U		<0.78	U		<1.4	U		<2.4	U		<1.5	U	
		VMP-13-10.5-D	11/17/2009	<0.96	U		<1.9	U		<1.4	U		<2.6	U		<0.82	U		<1.5	U		<2.6	U		<1.6	U	
		VMP 13-10.5-091310	9/13/2010	0.0056	J		<0.02	U		<0.015	U		<0.028	U		<0.0086	U		<0.016	U		<0.027	U		<0.017	U	
		VMP 13-10.5-091310-Dup	9/13/2010	0.02			<0.02	U		<0.015	U		<0.027	U		<0.0084	U		<0.016	U		<0.026	U		<0.016	U	
		VMP-13-10.5-120110	12/1/2010	<0.004	U		<0.0081	U		<0.006	U		<0.011	U		<0.0034	U		0.0012	J		<0.011	U		<0.0067	U	
		VMP-13-10.5-120110-DUP	12/1/2010	<0.0042	U		<0.0085	U		<0.0062	U		<0.012	U		<0.0036	U		0.00098	J		<0.011	U		<0.007	U	
		VMP-13-10.5-021811	2/18/2011	<1.7	U		<3.4	U		<2.5	U		<4.6	U		<1.4	U		<2.6	U		<4.4	U		<2.8	U	
		VMP-13-10.5-021811-DUP	2/18/2011	<1.6	U		<3.2	U		<2.4	U		<4.4	U		<1.4	U		<2.5	U		<4.2	U		<2.7	U	
		VMP-13-10.5-040511-DUP	4/5/2011	<0.017	U		<0.0087	U		<0.0064	U		<0.012	J	U	<0.014	U		<0.0067	U		<0.011	U		<0.0071	U	
		VMP-13-10.5-080911	8/9/2011	<0.094	U		<0.19	U		<0.14	U		<0.26	U		<0.32	U		<0.15	U		<0.25	U		<0.16	U	
		VMP-13-10.5-111411	11/14/2011	<0.011	U		<0.0055	U		<0.004	U		<0.0075	U		<0.0093	U		<0.0043	U		<0.0073	U		<0.0046	U	
		VMP-13-10.5-012712	1/26/2012	<0.03	U		<0.015	U		<0.011	U		<0.021	U		<0.026	U		<0.012	U		<0.02	U		<0.013	U	
		VMP-13-10.5-012712-DUP	1/26/2012	<0.044	U		<0.022	U		<0.016	U		<0.03	U		<0.037	U		<0.017	U		<0.029	U		<0.018	U	
		VMP-13-10.5-042012	4/20/2012	<0.011	J	U	<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		0.0016	J		<0.018	U		0.0014	J	
		VMP-13-10.5-071912	7/19/2012	0.0055	J		<0.0059	U		0.00092	J		<0.008	U		<0.0099	U		0.0032	J		<0.019	U		<0.0048	U	UJ
		VMP-13-10.5-100912	10/9/2012	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-13-10.5-100912-Dup	10/9/2012	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-13-10.5-013013	1/30/2013	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-13-10.5-050113	5/1/2013	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-13-10.5-073113	7/31/2013	<0.011	U		<0.0055	U		0.0016	J		<0.0074	U		<0.0092	U		0.0021	J		<0.018	U		0.00054	J	
		VMP-13-10.5-092013	9/20/2013	<0.018	J	U	<0.0092	U		0.0016	J		0.0019	J		<0.016	U		0.002	J		<0.03	U		<0.0076	U	
		VMP-13-10.5-111513	11/15/2013	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-13-10.5-111513-Dup	11/15/2013	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-13-10.5-022114	2/21/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-13-10.5-050114	5/1/2014	<0.014	J	U	<0.0069	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.023	U		<0.0057	U	
		VMP-13-10.5-080814	8/8/2014	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.011			<0.028	U		<0.0071	U	
		VMP-13-10.5-103014	10/30/2014	0.0042	J		0.0056	J		0.0042	J		0.0076	J		<0.013	U		0.0039	J		<0.026	U		0.0045	J	J
		VMP-13-10.5-020515	2/5/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U	UJ	<0.0068	U	
		VMP-13-10.5-043015	4/30/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-13-10.5-072715	7/27/2015	<0.018	J	U	<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.0025	J		<0.029	U		<0.0073	U	
		VMP-13-10.5-110215	11/2/2015	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0031	J		<0.024	U		<0.0062	U	
		VMP-13-10.5-012616	1/26/2016	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0029	J		<0.026	U		<0.0066	U	
		VMP-13-10.5-050316	5/3/2016	0.00066	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0012	J		<0.028	U	UJ	<0.0071	U	
		VMP-13-10.5-072916	7/29/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0026	J		<0.03	U		<0.0075	U	
		VMP-13-10.5-110216	11/2/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0038	J		<0.03	U		<0.0075	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	21.5 ft	VMP-13-21.5	11/17/2009	<47	U		<96	U		<70	U		<130	U		<40	U		<74	U		<120	U		<79	U	
		VMP 13-21.5-091310	9/13/2010	<7.5	U		<15	U		<11	U		<21	U		<6.4	U		<12	U		<20	U		<12	U	
		VMP-13-21.5-120110	12/1/2010	<15	U		<30	U		<22	U		<40	U		<12	U		<23	U		<39	U		<24	U	
		VMP-13-21.5-021811	2/18/2011	0.36	J		<4.4	U		<3.2	U		<6	U		<1.8	U		<3.4	U		<5.8	U		<3.6	U	
		VMP-13-21.5-040511	4/5/2011	<3.1	U		<6.4	U		<4.6	U		<8.6	U		<11	U		<4.9	U		<8.3	U		<5.2	U	
		VMP-13-21.5-080911	8/9/2011	<0.39	U		<0.79	U		<0.58	U		<1.1	U		<1.3	U		<0.62	U		<1	U		<0.65	U	
		VMP-13-21.5-111411	11/14/2011	3.5	J		<3.6	U		<2.6	U		<4.9	U		<6.1	U		<2.8	U		<4.7	U		<3	U	
		VMP-13-21.5-111411-DUP	11/14/2011	3.4	J		<3.6	U		<2.6	U		<4.9	U		<6.1	U		<2.8	U		<4.7	U		<3	U	
		VMP-13-21.5-012712	1/27/2012	<0.42	U		<0.84	U		<0.62	U		<1.1	U		<1.4	U		<0.65	U		<1.1	U		<2.8	U	
		VMP-13-21.5-042012	4/20/2012	0.15	J		<0.094	U		0.037	J		<0.13	U		<0.16	U		<0.073	U		<0.31	U		<0.077	U	
		VMP-13-21.5-071912	7/19/2012	0.0047	J		<0.0059	U		0.0013	J		<0.008	U		<0.0099	U		<0.0046	U		<0.019	U		<0.0048	U	UJ
		VMP-13-21.5-100912	10/9/2012	0.0047	J		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-13-21.5-013013	1/30/2013	0.0078	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.082			<0.03	U		<0.0077	U	
		VMP-13-21.5-050113	5/1/2013	<0.018	J	U	<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		0.027			<0.03	U		<0.0076	U	
		VMP-13-21.5-073113	7/31/2013	<0.018	J	U	<0.0093	U		<0.0068	J	U	<0.013	U		<0.016	U		0.0042	J		<0.031	U		<0.0077	U	
		VMP-13-21.5-102813	10/28/2013	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0021	J		0.00076	J		<0.007	U	
		VMP-13-21.5-102813-Dup	10/28/2013	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0022	J		0.00086	J		<0.0071	U	
		VMP-13-21.5-022114	2/21/2014	<0.32	U		<0.16	U		<0.12	U		<0.22	U		<0.27	U		<0.12	U		<0.53	U		<0.13	U	
		VMP-13-21.5-050114	5/1/2014	<0.013	J	U	<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		0.0016	J		<0.022	U		<0.0055	U	
		VMP-13-21.5-080814	8/8/2014	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		0.0036	J		<0.027	U		<0.0068	U	
		VMP-13-21.5-103014	10/30/2014	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0015	J		<0.025	U		<0.0062	U	
		VMP-13-21.5-020515	2/5/2015	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.0016	J		<0.029	U	UJ	<0.0073	U	
		VMP-13-21.5-043015	4/30/2015	<0.019	J	U	<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.0079	U	
		VMP-13-21.5-072715	7/27/2015	0.0035	J		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-13-21.5-112515	11/25/2015	<0.015	J	U	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-13-21.5-012616	1/26/2016	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0048	J		<0.026	U		<0.0065	U	
		VMP-13-21.5-050316	5/3/2016	0.00098	J		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		0.0014	J		<0.03	U	UJ	<0.0075	U	
		VMP-13-21.5-050316-DUP	5/3/2016	0.0018	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0014	J		<0.03	U	UJ	<0.0074	U	
		VMP-13-21.5-072916	7/29/2016	0.0036	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0018	J		<0.03	U		<0.0075	U	
		VMP-13-21.5-110216	11/2/2016	0.0032	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0019	J		<0.026	U		<0.0065	U	
	29.5 ft	VMP-13-29.5	11/17/2009	<93	U		<190	U		<140	U		<250	U		<78	U		<140	U		<240	U		<150	U	
		VMP-13-29.5-021811	2/18/2011	<67	U		<140	U		<99	U		<180	U		<57	U		<100	U		<180	U		<110	U	
		VMP-13-29.5-040511	4/5/2011	<44	U		<88	U		<64	U		<120	U		<150	U		<68	U		<120	U		<72	U	
		VMP-13-29.5-013012	1/30/2012	<1.3	U		<2.7	U		<2	U		<3.6	U		<4.5	U		<2.1	U		<3.5	U		<2.2	U	
		VMP-13-29.5-042012	4/20/2012	2.4	J		<3.5	U		1.1	J		<4.8	U		<5.9	U		<2.7	U		<12	U		<2.9	U	
		VMP-13-29.5-071912	7/19/2012	<5	U		<10	U		<7.4	U		<14	U		<17	U		<7.9	U		<13	U		<8.3	U	
		VMP-13-29.5-100912	10/9/2012	<4.7	U		1.5	J		<7	U		<13	U		<16	U		<7.4	U		<12	U		<7.8	U	
		VMP-13-29.5-013013	1/30/2013	1.3	J		<4	U		<2.9	U		<5.4	U		<6.8	U		<3.1	U		<13	U		<3.3	U	
		VMP-13-29.5-050113	5/1/2013	0.096	J		<0.26	U		<0.19	U		<0.36	U		<0.44	U		<0.2	U		<0.86	U		<0.22	U	
		VMP-13-29.5-073113	7/31/2013	<0.019	J	U	<0.0094	U		<0.0069	J	U	<0.013	U		<0.016	U		0.012			<0.031	U		<0.0078	U	
		VMP-13-29.5-102813	10/28/2013	<0.017	J	U	0.00025	J		<0.0063	U		<0.012	U		<0.014	U		0.0025	J		0.001	J		<0.007	U	
		VMP-13-29.5-022114	2/21/2014	<0.16	U		<0.082	U		<0.06	U		<0.11	U		<0.14	U		<0.064	U		<0.27	U		<0.068	U	
		VMP-13-29.5-022114-Dup	2/21/2014	<0.15	U		<0.078	U		<0.057	U		<0.1	U		<0.13	U		<0.06	U		<0.26	U		<0.064	U	
		VMP-13-29.5-050114	5/1/2014	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0015	J		<0.025	U		<0.0062	U	
		VMP-13-29.5-080814	8/8/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.007			<0.027	U		<0.0067	U	
		VMP-13-29.5-103014	10/30/2014	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0015	J		<0.024	U		<0.0061	U	
		VMP-13-29.5-020515	2/5/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.001	J		<0.025	U	UJ	<0.0063	U	
		VMP-13-29.5-043015	4/30/2015	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
		VMP-13-29.5-072715	7/27/2015	0.003	J		<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		0.0033	J		<0.032	U		<0.0079	U	
		VMP-13-29.5-072715-DUP	7/27/2015	<0.019	J	U	<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		0.0028	J		<0.032	U		<0.008	U	
		VMP-13-29.5-110215	11/2/2015	<0.013	J	U	<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		0.0035	J		<0.022	U		<0.0055	U	
		VMP-13-29.5-110215-DUP	11/2/2015	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.0034	J		<0.023	U		<0.0058	U	
		VMP-13-29.5-012616	1/26/2016	<0.014	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0029	J		<0.024	U		<0.006	U	
		VMP-13-29.5-050316	5/3/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0009	J		<0.027	U	UJ	<0.0068	U	
		VMP-13-29.5-082616-R	8/29/2016	0.0052	J		<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		0.0022	J		<0.023	U		<0.0058	U	
		VMP-13-29.5-110216	11/2/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0035	J		<0.028	U		<0.007	U	
		VMP-13-29.5-110216-Dup	11/2/2016	0.0074	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0032	J		<0.027	U		<0.0067	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5	11/20/2009	<0.008	U		<0.016	U		<0.012	U		<0.022	U		<0.006	U		<0.012	U		<0.021	U		<0.013	U	
		VMP 14-5-091010	9/10/2010	<0.19	U		<0.39	U		<0.28	U		<0.53	U		<0.16	U		<0.3	U		<0.51	U		<0.32	U	
		VMP-14-5-120110	12/1/2010	<0.0037	U		<0.0076	U		<0.0055	U		<0.01	U		<0.0032	U		0.00067	J		<0.0099	U		<0.0062	U	
		VMP-14-5-021711	2/17/2011	<0.0041	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.0035	U		<0.0064	U		<0.011	U		<0.0068	U	
		VMP-14-5-040511	4/5/2011	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.011	U		<0.007	U	
		VMP-14-5-080811	8/8/2011	<4.4	U		<8.8	U		<6.5	U		<12	U		<15	U		<6.9	U		<12	U		<7.3	U	
		VMP-14-5-111411	11/14/2011	0.0088	J		<0.022	U		<0.016	U		<0.03	U		<0.037	U		<0.017	U		<0.029	U		<0.018	U	
		VMP-14-5-042012	4/20/2012	<0.011	J	U	<0.0054	U		<0.0039	J	U	<0.0073	U		<0.009	U		<0.0042	U		<0.018	U		<0.0044	U	
		VMP-14-5-072312	7/23/2012	<0.013	U		<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		0.0013	J		0.0039	J		0.0084		
		VMP-14-5-101012	10/10/2012	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-14-5-013113	1/31/2013	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-14-5-050113	5/1/2013	<0.019	J	U	<0.0096	U		<0.0071	J	U	<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.0079	U	
		VMP-14-5-111113	11/11/2013	0.017	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-14-5-022614	2/26/2014	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-14-5-050114	5/1/2014	<0.013	J	U	<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	
		VMP-14-5-081114	8/11/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-14-5-103014	10/30/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-14-5-020615	2/6/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U	UJ	<0.0068	U	
		VMP-14-5-043015	4/30/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-14-5-072915	7/29/2015	0.0054	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	J	U	0.004	J		<0.0064	U	
		VMP-14-5-110215	11/2/2015	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-14-5-012616	1/26/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-14-5-050316	5/3/2016	0.00068	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.029	U	UJ	<0.0074	U	
		VMP14-5-072916	7/29/2016	0.0026	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-14-5-110216	11/2/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
	11.5 ft	VMP-14-11.5	11/16/2009	<0.96	U		<1.9	U		<1.4	U		<2.6	U		<0.81	U		<1.5	U		<2.5	U		<1.6	U	
		VMP 14-11.5-091010	9/10/2010	<3	U		<6	U		<4.4	U		<8.1	U		<2.5	U		<4.7	U		<7.9	U		<4.9	U	
		VMP-14-11.5-120110	12/2/2010	<0.26	U		<0.53	U		<0.39	U		<0.72	U		<0.22	U		<0.41	U		<0.69	U		<0.43	U	
		VMP-14-11.5-120110-DUP	12/2/2010	<0.24	U		<0.48	U		<0.35	U		<0.65	U		<0.2	U		<0.37	U		<0.63	U		<0.39	U	
		VMP-14-11.5-021711	2/17/2011	0.052	J		<0.17	U		<0.13	U		<0.24	U		<0.073	U		<0.13	U		<0.23	U		<0.14	U	
		VMP-14-11.5-021711-DUP	2/17/2011	0.041	J		<0.17	U		<0.13	U		<0.24	U		<0.073	U		<0.13	U		<0.23	U		<0.14	U	
		VMP-14-11.5-040511	4/5/2011	<0.056	J	U	<0.028	U		<0.021	U		<0.038	U		0.037	J		<0.022	U		<0.037	U		<0.023	U	
		VMP-14-11.5-080811	8/8/2011	<0.43	U		<0.87	U		<0.64	U		<1.2	U		0.24	J		<0.68	U		<1.1	U		<0.72	U	
		VMP-14-11.5-111511	11/15/2011	1.7	J		<1.4	U		<0.99	U		<1.8	U		<2.3	U		<1	U		<1.8	U		<1.1	U	
		VMP-14-11.5-012612	1/26/2012	<2.7	U		<5.5	U		<4	U		<7.5	U		<9.3	U		<4.3	U		<7.3	U		<18	U	
		VMP-14-11.5-042312	4/23/2012	<0.011	J	U	<0.0058	U		<0.0042	J	U	<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U		<0.0047	U	
		VMP-14-11.5-042312-Dup	4/23/2012	<0.011	J	U	<0.0058	U		<0.0042	J	U	<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U		<0.0047	U	
		VMP-14-11.5-072512	7/25/2012	<1	U		<2	U		<1.5	U		<2.7	U		<3.4	U		<1.6	U		<2.6	U		<1.7	U	
		VMP-14-11.5-101012	10/10/2012	0.008	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-14-11.5-013113	1/31/2013	<0.016	J	U	<0.0081	U		<0.0059	J	U	<0.011	U		<0.014	U		0.0094			<0.027	U		<0.0067	J	U
		VMP-14-11.5-050113	5/1/2013	<0.018	J	U	<0.0094	U		<0.0068	J	U	<0.013	U		<0.016	U		0.0045	J		<0.031	U		<0.0077	U	
		VMP-14-11.5-080113	8/1/2013	<0.02	J	U	<0.01	U		<0.0075	J	U	<0.014	U		<0.017	U		0.002	J		<0.034	U		<0.0084	U	
		VMP-14-11.5-111113	11/11/2013	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-14-11.5-022614	2/26/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-14-11.5-050114	5/1/2014	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-14-11.5-081114	8/11/2014	0.0037	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.00079	J		<0.027	U		<0.0068	U	
		VMP-14-11.5-103014	10/30/2014	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-14-11.5-020615	2/6/2015	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U	UJ	<0.0064	U	
		VMP-14-11.5-043015	4/30/2015	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-14-11.5-072915	7/29/2015	0.005	J		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		0.0045	J		<0.0076	U	
		VMP-14-11.5-110215	11/2/2015	<0.016	J	U	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-14-11.5-012616	1/26/2016	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-14-11.5-050316	5/3/2016	0.00075	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U	
		VMP-14-11.5-072916	7/29/2016	0.0011	J		<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-14-11.5-110216	11/2/2016	0.0055	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	20 ft	VMP-14-20	11/16/2009	<37	U		<75	U		<55	U		<100	U		<31	U		<58	U		<98	U		<62	U	
		VMP 14-20-091010	9/10/2010	<45	U		<92	U		<67	U		<120	U		<38	U		<71	U		<120	U		<75	U	
		VMP 14-20-091010-Dup	9/10/2010	<47	U		<95	U		<70	U		<130	U		<40	U		<74	U		<120	U		<78	U	
		VMP-14-20-120110	12/2/2010	<120	U		<250	U		<180	U		<330	U		<100	U		<190	U		<320	U		<200	U	
		VMP-14-20-021811	2/18/2011	<69	U		<140	U		<100	U		<190	U		<58	U		<110	U		<180	U		<110	U	
		VMP-14-20-040511	4/5/2011	<30	U		<60	U		<44	U		<81	U		<100	U		<46	U		<78	U		<49	U	
		VMP-14-20-080811	8/8/2011	<11	U		<22	U		<16	U		<29	U		<36	U		<17	U		<28	U		<18	U	
		VMP-14-20-111511	11/15/2011	<220	U		<110	U		<82	U		<150	U		<190	U		<87	U		<150	U		<92	U	
		VMP-14-20-012612	1/26/2012	1.5	J	J	<11	U		<8	U		<15	U		<18	U		<8.5	U		<14	U		<36	U	
		VMP-14-20-042312	4/23/2012	<3	U		<6	U		<4.4	U		<8.1	U		<10	U		<4.7	U		<7.9	U		<20	U	
		VMP-14-20-072512	7/25/2012	<4.7	U		<9.6	U		<7	U		<13	U		<16	U		<7.4	U		<12	U		<7.9	U	
		VMP-14-20-101612	10/16/2012	<22	U		<44	U		<32	U		<60	U		<74	U		<34	U		<58	U		<36	U	
		VMP-14-20-013113	1/31/2013	4.7	J		<16	U		<12	U		<21	U		<26	U		<12	U		<52	U		2.8	J	
		VMP-14-20-050113	5/1/2013	<0.19	U		<0.096	U		<0.07	U		<0.13	U		<0.16	U		<0.074	U		<0.31	U		<0.079	U	
		VMP-14-20-050113-Dup	5/1/2013	<0.76	U		<0.38	U		<0.28	U		<0.52	U		<0.64	U		<0.3	U		<1.2	U		<0.32	U	
		VMP-14-20-080113	8/1/2013	<0.048	U		<0.098	U		<0.072	U		<0.13	U		<0.16	U		<0.076	U		<0.13	U		<0.08	U	
		VMP-14-20-111113	11/11/2013	<0.17	U		<0.085	U		<0.062	U		<0.12	U		<0.14	U		<0.066	U		<0.28	U		<0.07	U	
		VMP-14-20-022614	2/26/2014	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	J	U	<0.025	U		<0.0063	U	
		VMP-14-20-050114	5/1/2014	<0.015	J	U	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-14-20-081114	8/11/2014	0.0038	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0015	J		<0.027	U		<0.0068	U	
		VMP-14-20-103014	10/30/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-14-20-020615	2/6/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		0.0041	J	J	<0.0071	U	
		VMP-14-20-043015	4/30/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-14-20-072915	7/29/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.00099	J		<0.029	U		<0.0072	U	
		VMP-14-20-110215	11/2/2015	0.0045	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-14-20-012616	1/26/2016	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-14-20-050416	5/4/2016	0.0075	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U	UJ	<0.0071	U	
		VMP-14-20-072916	7/29/2016	0.0011	J		<0.0099	U		<0.0072	U		<0.013	U		<0.016	U		<0.0077	U		<0.032	U		<0.0081	U	
	29 ft	VMP-14-29	11/16/2009	<140	U		<290	U		<210	U		<400	U		<120	U		<230	U		<380	U		<240	U	
		VMP-14-29-021811	2/18/2011	<100	U		<200	U		<150	U		<270	U		<85	U		<160	U		<260	U		<170	U	
		VMP-14-29-040511	4/5/2011	<86	U		<170	U		<130	U		<240	U		<290	U		<130	U		<230	U		<140	U	
		VMP-14-29-012612	1/26/2012	<98	U		<200	U		<140	U		<270	U		<330	U		<150	U		<260	U		<650	U	
		VMP-14-29-042312	4/23/2012	<35	U		<70	U		<52	U		<95	U		<120	U		<55	U		<92	U		<230	U	
		VMP-14-29-072512	7/25/2012	<36	U		<74	U		<54	U		<100	U		<120	U		<57	U		<97	U		<61	U	
		VMP-14-29-101612	10/16/2012	<55	U		<110	U		<81	U		<150	U		<180	U		<86	U		<140	U		<91	U	
		VMP-14-29-013113-DUP	1/31/2013	36	J		<150	U		<110	U		<200	U		<250	U		<120	U		<490	U		<120	U	
		VMP-14-29-013113	1/31/2013	13	J		<62	U		<45	U		<84	U		<100	U		<48	U		<200	U		<51	U	
		VMP-14-29-050213	5/2/2013	<120	U		<63	U		<46	U		<85	U		<100	U		<48	U		<200	U		<52	U	
		VMP-14-29-080113	8/1/2013	<23	U		<46	U		<34	U		<63	U		<78	U		<36	U		<61	U		<38	U	
		VMP-14-29-111113	11/11/2013	<0.67	U		<1.4	U		<0.99	U		<1.8	U		<2.3	U		<1	U		0.5	J		<1.1	U	
		VMP-14-29-022614	2/26/2014	<0.71	U		<1.4	U		<1	U		<2	U		<2.4	U		<1.1	U		<1.9	U		<1.2	U	
		VMP-14-29-022614-Dup	2/26/2014	<0.38	U		<0.78	U		<0.57	U		<1	U		<1.3	U		<0.6	U		<1	U		<0.64	U	
		VMP-14-29-050114	5/1/2014	0.012	J		<0.094	U		<0.068	U		<0.13	U		<0.16	U		<0.073	U		<0.12	U		<0.077	U	
		VMP-14-29-050114-Dup	5/1/2014	0.012	J		<0.093	U		<0.068	U		<0.13	U		<0.16	U		<0.072	U		<0.12	U		<0.077	U	
		VMP-14-29-081114	8/11/2014	0.016	J	J	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0075		J	<0.029	U		<0.0072	U	
		VMP-14-29-081114-DUP	8/11/2014	0.016	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0063	J		<0.029	U		<0.0074	U	
		VMP-14-29-103014	10/30/2014	0.0033	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0053	J		<0.025	U		<0.0063	U	
		VMP-14-29-020615	2/6/2015	0.0052	J		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0051	J		<0.027	U	UJ	<0.0069	U	
		VMP-14-29-043015	4/30/2015	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	J	U	<0.025	U		<0.0063	U	
		VMP-14-29-043015-DUP	4/30/2015	<0.013	J	U	<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		0.0032	J		<0.022	U		<0.0055	U	
		VMP-14-29-072915	7/29/2015	<0.018	J	U	<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		0.0039	J		<0.031	U		<0.0077	U	
		VMP-14-29-110215	11/2/2015	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.0064			<0.026	U		<0.0066	U	
		VMP-14-29-012616	1/26/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	J	U	<0.026	U		<0.0065	U	
		VMP-14-29-012616-DUP	1/26/2016	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	J	U	<0.025	U		<0.0064	U	
		VMP-14-29-050316	5/3/2016	0.00083	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U	UJ	<0.0074	U	
		VMP-14-29-072916	7/29/2016	0.0084	J		<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-14-29-072916-DUP	7/29/2016	0.016			<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-14-29-110216	11/2/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	5 ft	VMP-15-5	11/18/2009	<0.003	U		<0.008	U		<0.005	U		<0.011	U		<0.003	U		<0.006	U		<0.01	U		<0.006	U	
		VMP-15-5-D	11/18/2009	0.0063			<0.008	U		<0.005	U		<0.011	U		<0.003	U		<0.006	U		<0.01	U		<0.006	U	
		VMP 15-5-091410	9/14/2010	<0.0039	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.0033	U		0.0013	J		<0.01	U		<0.0065	U	
		VMP-15-5-113010	11/30/2010	<0.093	U		<0.19	U		<0.14	U		<0.25	U		0.22			<0.15	U		<0.25	UJ	UJ	<0.15	U	
		VMP-15-5-021611	2/16/2011	0.11			<0.18	U		<0.13	U		<0.24	U		<0.074	U		<0.14	U		<0.23	U		<0.14	U	
		VMP-15-5-042011	4/20/2011	<0.2	U		<0.42	U		<0.3	U		<0.56	U		<0.7	U		<0.32	U		<0.54	U		<0.34	U	
		VMP-15-5-080811	8/8/2011	0.0042	J		<0.0093	U		<0.0068	J	U	<0.013	U		<0.016	U		0.0023	J		<0.012	U		<0.0077	J	U
		VMP-15-5-111511	11/15/2011	<0.021	U		<0.01	U		0.0083			<0.014	U		<0.018	U		<0.0081	U		<0.014	U		<0.0086	U	
		VMP-15-5-020112	2/1/2012	<0.027	U		<0.054	U		<0.039	U		<0.073	U		<0.09	U		<0.042	U		<0.071	U		<0.18	U	
		VMP-15-5-042412	4/24/2012	<0.027	U		<0.055	U		<0.04	U		<0.074	U		<0.092	U		<0.043	U		<0.072	U		<0.18	U	
		VMP-15-5-072512	7/25/2012	0.018		J	0.0014	J		<0.0045		U	<0.0084	U		<0.01	U		0.025			0.017	J		<0.0051	U	
		VMP-15-5-102512	10/25/2012	<0.018	J	U	<0.0093	U		<0.0068	J	U	<0.013	U		<0.016	U		0.002	J		<0.031	U		0.0013	J	
		VMP-15-5-020513	2/5/2013	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-15-5-050913	5/9/2013	<0.02	U		<0.0099	U		<0.0073	U		<0.013	U		<0.017	U		<0.0077	U		<0.033	U		<0.0082	U	
		VMP-15-5-080813	8/8/2013	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.01			<0.03	U		<0.0077	U	
		VMP-15-5-111113	11/11/2013	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.014			<0.026	U		<0.0065	U	
		VMP-15-5-022714	2/27/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0029	J		<0.027	U		<0.0068	U	
		VMP-15-5-050514	5/5/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0011	J		<0.028	U		<0.0071	U	
		VMP-15-5-081414	8/14/2014	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0066	J		<0.03	U		<0.0076	U	
		VMP-15-5-110614	11/6/2014	<0.016	U	UJ	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0025	J		<0.027	U		<0.0067	U	
		VMP-15-5-020615	2/6/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0016	J		<0.027	U		<0.0067	U	
		VMP-15-5-050415	5/4/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0012	J		<0.025	U		<0.0063	U	
		VMP-15-5-072915	7/29/2015	0.0077	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0037	J		<0.029	U		<0.0073	U	
		VMP-15-5-110415	11/4/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0038	J		<0.028	U		<0.0071	U	
		VMP-15-5-020316	2/3/2016	<0.032	U		<0.016	U		<0.012	U		<0.022	U		<0.027	U		<0.013	U		<0.054	U		<0.013	U	
		VMP-15-5-050316	5/3/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0017	J		<0.028	U		<0.007	ND,UJ	UJ
		VMP-15-5-080216	8/2/2016	0.002	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0047	J		<0.028	U		<0.0071	U	
		VMP-15-5-110116	11/1/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0018	J		<0.028	U		<0.007	U	
	21.5 ft	VMP-15-21.5	11/18/2009	<1.8	U		<3.6	U		<2.6	U		<4.8	U		<1.5	U		<2.8	U		<4.7	U		<3	U	
		VMP 15-21.5-091410	9/14/2010	<0.43	U		<0.86	U		<0.63	U		<1.2	U		<0.36	U		<0.67	U		<1.1	U		<0.71	U	
		VMP-15-21.5-113010	11/30/2010	<0.5	U		<1	U		<0.74	U		<1.4	U		<0.42	U		<0.78	U		<1.3	UJ	UJ	<0.83	U	
		VMP-15-21.5-021611	2/16/2011	<0.35	U		<0.7	U		<0.52	U		<0.95	U		<0.3	U		<0.55	U		<0.92	U		<0.58	U	
		VMP-15-21.5-042011	4/20/2011	<0.55	U		<1.1	U		<0.81	U		<1.5	U		<1.8	U		<0.86	U		<1.4	U		<0.91	U	
		VMP-15-21.5-080811	8/8/2011	<0.44	U		<0.89	U		<0.65	U		<1.2	U		<1.5	U		<0.69	U		<1.2	U		<0.73	U	
		VMP-15-21.5-111511	11/15/2011	<1.4	U		<0.71	U		<0.52	U		<0.96	U		<1.2	U		<0.55	U		<0.93	U		<0.58	U	
		VMP-15-21.5-020112	2/1/2012	0.091	J	J	<0.53	U		<0.39	U		<0.72	U		<0.89	U		<0.41	U		<0.69	U		<1.7	U	
		VMP-15-21.5-042412	4/24/2012	0.041	J		<0.23	U		<0.17	U		<0.31	U		<0.39	U		<0.18	U		<0.3	U		<0.76	U	
		VMP-15-21.5-072512	7/25/2012	<0.41	U		<0.83	U		<0.61	U		<1.1	U		<1.4	U		<0.65	U		<1.1	U		<0.68	U	
		VMP-15-21.5-102512	10/25/2012	<0.67	U		<1.4	U		<1	U		<1.8	U		<2.3	U		<1	U		<1.8	U		<1.1	U	
		VMP-15-21.5-102512-Dup	10/25/2012	<0.69	U		<1.4	U		<1	U		<1.9	U		<2.4	U		<1.1	U		<1.8	U		<1.2	U	
		VMP-15-21.5-020713	2/7/2013	0.029	J		<0.035	U		<0.025	U		<0.047	U		<0.058	U		<0.027	U		<0.11	U		<0.028	U	
		VMP-15-21.5-051513	5/15/2013	<0.39	U		<0.78	U		<0.57	U		<1	U		<1.3	U		<0.6	U		<1	U		<0.64	U	
		VMP-15-21.5-080813	8/8/2013	0.052	J		<0.17	U		<0.13	U		<0.24	U		<0.29	U		<0.14	U		<0.23	U		<0.14	U	
		VMP-15-21.5-111113	11/11/2013	0.048			<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-15-21.5-111113-Dup	11/11/2013	0.05			<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-15-21.5-022714	2/27/2014	0.012	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.12			<0.024	U		<0.0061	U	
		VMP-15-21.5-050514	5/5/2014	<0.014	U		<0.0069	U		<0.005	U		<0.0093	U		<0.012	U		0.0098			<0.023	U		<0.0057	U	
		VMP-15-21.5-081414	8/14/2014	<0.046	U	UJ	<0.093	U		<0.068	U		<0.13	U		<0.16	U	UJ	<0.072	U		<0.12	U	UJ	<0.077	U	
		VMP-15-21.5-110614	11/6/2014	<0.05	U	UJ	<0.025	U		<0.018	U		<0.034	U		<0.042	U		<0.02	U		<0.083	U		<0.021	U	
		VMP-15-21.5-020615	2/6/2015	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0064	J		<0.03	U		<0.0075	U	
		VMP-15-21.5-050415	5/4/2015	0.0032	J		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.0055	J		<0.026	U		<0.0064	U	
		VMP-15-21.5-072915	7/29/2015	0.019	J		<0.1	U		<0.073	U		<0.14	U		<0.17	U		<0.077	U		<0.33	U		<0.082	U	
		VMP-15-21.5-110415	11/4/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.011			<0.029	U		<0.0072	U	
		VMP-15-21.5-020316	2/3/2016	<0.22	U		<0.11	U		<0.081	U		<0.15	U		<0.18	U		<0.086	U		<0.36	U		<0.091	U	
		VMP-15-21.5-050316	5/3/2016	0.044			<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	
		VMP-15-21.5-080216	8/2/2016	0.0088	J		<0.055	U		<0.04	U		<0.075	U		<0.093	U		<0.043	U		<0.18	U		<0.046	U	
		VMP-15-21.5-110116	11/1/2016	<0.025	U		<0.012	U		<0.0092	U		<0.017	U		<0.021	U		<0.0098	U		<0.041	U		<0.01	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	25.5 ft	VMP-15-25.5	11/18/2009	<1.8	U		<3.7	U		<2.7	U		<5.1	U		<1.6	U		<2.9	U		<4.9	U		<3.1	U	
		VMP 15-25.5-091410	9/14/2010	<0.004	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.0034	U		0.0023	J		<0.011	U		<0.0067	U	
		VMP-15-25.5-021611	2/16/2011	0.028	J		<0.11	U		<0.079	U		<0.15	U		<0.045	U		<0.084	U		<0.14	U		<0.089	U	
		VMP-15-25.5-042011	4/20/2011	<0.044	U		<0.089	U		<0.065	U		<0.12	U		<0.15	U		<0.069	U		<0.12	U		<0.073	U	
		VMP-15-25.5-042011-DUP	4/20/2011	<0.041	U		<0.083	U		<0.061	U		<0.11	U		<0.14	U		<0.064	U		<0.11	U		<0.068	U	
		VMP-15-25.5-080811	8/8/2011	<0.044	U		<0.089	U		<0.065	U		<0.12	U		<0.15	U		0.34			<0.12	U		<0.073	U	
		VMP-15-25.5-111511	11/15/2011	<0.054	U		<0.027	U		0.012	J		<0.037	U		<0.046	U		<0.021	U		<0.036	U		<0.022	U	
		VMP-15-25.5-073112	7/31/2012	<0.028	U		<0.058	U		<0.042	U		<0.078	U		<0.096	U		<0.045	U		<0.076	U		<0.047	U	
		VMP-15-25.5-102512	10/25/2012	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-15-25.5-021213	2/12/2013	<0.14	U		<0.28	U		<0.21	U		<0.38	U		<0.47	U		<0.22	U		<0.37	U		<0.23	U	
		VMP-15-25.5-050913	5/9/2013	<7.5	U		<3.8	U		<2.8	U		<5.1	U		<6.3	U		<2.9	U		<12	U		<3.1	U	
		VMP-15-25.5-080813	8/8/2013	<0.018	J	U	<0.009	U		<0.0066	J	U	<0.012	U		<0.015	U		0.018			<0.029	U		<0.0074	J	U
		VMP-15-25.5-111113	11/11/2013	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-15-25.5-022714	2/27/2014	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0084			<0.025	U		<0.0063	U	
		VMP-15-25.5-050514	5/5/2014	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.054			<0.024	U		<0.0061	U	
		VMP-15-25.5-081414	8/14/2014	<0.046	U	UJ	<0.093	U		<0.068	U		<0.12	U		<0.16	U	UJ	<0.072	U		<0.12	U	UJ	<0.076	U	
		VMP-15-25.5-110614	11/6/2014	0.046	J	J	<0.03	U		<0.022	U		<0.041	U		<0.05	U		<0.023	U		<0.099	U		<0.025	U	
		VMP-15-25.5-110614-DUP	11/6/2014	0.045	J	J	<0.026	U		<0.019	U		<0.036	U		<0.044	U		<0.02	U		<0.087	U		<0.022	U	
		VMP-15-25.5-020615	2/6/2015	0.027			<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0045	J		<0.028	U		<0.0071	U	
		VMP-15-25.5-050415	5/4/2015	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0054	J		<0.028	U		<0.0069	U	
		VMP-15-25.5-072915	7/29/2015	<0.055	U		<0.11	U		<0.081	U		<0.15	U		<0.18	U		<0.086	U		<0.14	U		<0.091	U	
		VMP-15-25.5-110415	11/4/2015	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-15-25.5-020316	2/3/2016	<0.22	U	UJ	<0.44	U		<0.32	U		<0.6	U		<0.74	U		<0.34	U		<0.58	U		<0.36	U	
		VMP-15-25.5-050316	5/3/2016	<0.042	U		<0.021	U		<0.015	U		<0.029	U		<0.036	U		<0.016	U		<0.069	U		<0.017	ND,UJ	UJ
		VMP-15-25.5-080216	8/2/2016	<0.18	U		<0.089	U		<0.065	U		<0.12	U		<0.15	U		<0.069	U		<0.29	U		<0.074	U	
		VMP-15-25.5-110116	11/1/2016	<0.11	U		<0.057	U		<0.042	U		<0.077	U		<0.096	U		<0.044	U		<0.19	U		<0.047	U	
		VMP-15-25.5-110116-Dup	11/1/2016	<0.12	U		<0.059	U		<0.043	U		<0.08	U		<0.099	U		<0.046	U		<0.19	U		<0.049	U	
	29 ft	VMP-15-29	11/19/2009	<2.3	U		<4.7	U		<3.4	U		<6.3	U		<2	U		<3.6	U		<6.2	U		<3.8	U	
		VMP-15-29-073112	7/31/2012	<0.12	U		<0.25	U		<0.18	U		<0.33	U		<0.41	U		<0.19	U		<0.32	U		<0.2	U	
		VMP-15-29-102512	10/25/2012	<0.038	U		<0.019	U		<0.014	U		<0.026	U		<0.033	U		<0.015	U		<0.064	U		<0.016	U	
		VMP-15-29-021213	2/12/2013	<0.084	U		<0.17	U		<0.12	U		<0.23	U		<0.28	U		<0.13	U		<0.22	U		<0.14	U	
		VMP-15-29-050913	5/9/2013	<3.7	U		<1.8	U		<1.4	U		<2.5	U		<3.1	U		<1.4	U		<6.1	U		<1.5	U	
		VMP-15-29-080813	8/8/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0077			<0.029	U		<0.0073	J	U
		VMP-15-29-111113	11/11/2013	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-15-29-022714	2/27/2014	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0011	J		<0.025	U		<0.0063	U	
		VMP-15-29-022714-Dup	2/27/2014	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.00079	J		<0.024	U		<0.0062	U	
		VMP-15-29-081414	8/14/2014	0.023	J	J	<0.091	U		<0.066	U		<0.12	U		<0.15	U	UJ	<0.07	U		<0.12	U	UJ	<0.075	U	
		VMP-15-29-110614	11/6/2014	0.051	J	J	<0.035	U		<0.025	U		<0.047	U		<0.058	U		<0.027	U		<0.11	U		<0.028	U	
		VMP-15-29-020615	2/6/2015	0.032			<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0053	J		<0.025	U		<0.0063	U	
		VMP-15-29-020615-DUP	2/6/2015	0.021			<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0048	J		<0.027	U		<0.0067	U	
		VMP-15-29-050415	5/4/2015	0.0059	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0067	J		<0.029	U		<0.0072	U	
		VMP-15-29-072915	7/29/2015	<0.061	U		<0.12	U		<0.091	U		<0.17	U		<0.21	U		<0.096	U		<0.16	U		<0.1	U	
		VMP-15-29-072915-DUP	7/29/2015	<0.051	U		<0.1	U		<0.076	U		<0.14	U		<0.17	U		<0.08	U		<0.14	U		<0.085	U	
		VMP-15-29-110415	11/4/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-15-29-020316	2/3/2016	<0.083	U	UJ	<0.17	U		<0.12	U		<0.23	U		<0.28	U		<0.13	U		<0.22	U		<0.14	U	
		VMP-15-29-050316	5/3/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	ND,UJ	UJ
		VMP-15-29-080216	8/2/2016	0.01	J		<0.11	U		<0.082	U		<0.15	U		<0.19	U		<0.087	U		<0.37	U		<0.092	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5	11/20/2009	<0.052	U		<0.11	U		<0.078	U		<0.14	U		<0.044	U		<0.082	U		<0.14	U		<0.087	U	
		VMP-16-5-090210	9/2/2010	<7.4	U		<15	U		<11	U		<20	U		<6.3	U		<12	U		<20	U		<12	U	
		VMP-16-5-112910	11/29/2010	<3.4	U		<6.8	U		<5	U		<9.3	U		2.4	J	J	<5.3	U		<9	UJ	UJ	<5.6	U	
		VMP-16-5-021511	2/15/2011	<2	U		<4.2	U		<3	U		<5.6	U		<1.7	U		<3.2	U		<5.4	U		<3.4	U	
		VMP-16-5-042211	4/22/2011	<2.7	U		<5.5	U		<4	U		<7.5	U		<9.3	U		<4.3	U		<7.3	U		<4.6	U	
		VMP-16-5-080511	8/5/2011	<0.88	U		<1.8	U		<1.3	U		<2.4	U		<3	U		<1.4	U		<2.3	U		<1.4	U	
		VMP-16-5-042512	4/25/2012	<3	U		<6	U		<4.4	U		<8.1	U		<10	U		<4.7	U		<7.9	U		<20	U	
		VMP-16-5-073012	7/30/2012	<2.8	U		<5.6	U		<4.1	U		<7.6	U		<9.4	U		<4.4	U		<7.4	U		<4.6	U	
		VMP-16-5-102512	10/25/2012	<2.2	U		<4.4	U		<3.2	U		<6	U		<7.4	U		<3.4	U		<5.8	U		<3.6	U	
		VMP-16-5-021413	2/14/2013	<0.34	U		<0.69	U		<0.51	U		<0.94	U		<1.2	U		<0.54	U		<0.91	U		<0.57	U	
		VMP-16-5-042313	4/23/2013	<0.66	U		<1.3	U		<0.97	U		<1.8	U		<2.2	U		<1	U		<1.7	U		<1.1	U	
		VMP-16-5-081313	8/13/2013	<0.018	J	U	<0.0092	U		<0.0067	J	U	<0.012	U		<0.015	U		0.0044	J		<0.03	U		0.0022	J	
		VMP-16-5-111513	11/15/2013	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-16-5-030614	3/6/2014	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-16-5-050214	5/2/2014	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-16-5-081514	8/15/2014	<0.019	U		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.004	J		<0.031	U		<0.0078	U	
		VMP-16-5-110714	11/7/2014	0.0032	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-16-5-021115	2/11/2015	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-16-5-050715	5/7/2015	<0.019	J	U	<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-16-5-073115	7/31/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	J	U	<0.027	U		<0.0068	U	
		VMP-16-5-110415	11/4/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		0.0034	J		<0.0071	U	
		VMP-16-5-020316	2/3/2016	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-16-5-050416	5/4/2016	0.0024	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U	UJ	<0.007	U	
		VMP-16-5-080316	8/3/2016	0.024			<0.0071	U		<0.0052	U		<0.0097	U		<0.012	U		0.002	J		<0.023	U		<0.0059	U	
		VMP-16-5-103116	10/31/2016	0.0038	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
	13.5 ft	VMP-16-13.5	11/19/2009	<0.23	U		<0.47	U		<0.34	U		<0.63	U		<0.2	U		<0.36	U		<0.62	U		<0.38	U	
		VMP-16-13.5-090210	9/2/2010	<7.7	U		<16	U		<11	U		<21	U		<6.5	U		<12	U		<20	U		<13	U	
		VMP-16-13.5-090210-DUP	9/2/2010	<7.7	U		<16	U		<11	U		<21	U		<6.5	U		<12	U		<20	U		<13	U	
		VMP-16-13.5-112910	11/29/2010	<22	U		<44	U		<32	U		<60	U		<18	U		<34	U		<58	UJ	UJ	<36	U	
		VMP-16-13.5-021611	2/16/2011	<4.2	U		<8.5	U		<6.2	U		<11	U		<3.5	U		<6.6	U		<11	U		<7	U	
		VMP-16-13.5-021611-DUP	2/16/2011	<4.1	U		<8.3	U		<6.1	U		<11	U		<3.5	U		<6.4	U		<11	U		<6.8	U	
		VMP-16-13.5-042211	4/22/2011	<4.4	U		<8.9	U		<6.5	U		<12	U		<15	U		<6.9	U		<12	U		<7.4	U	
		VMP-16-13.5-080511	8/5/2011	<0.43	U	UJ	<0.87	U	UJ	<0.64	U	UJ	<1.2	U	UJ	<1.4	U	UJ	<0.67	U	UJ	<1.1	U	UJ	<0.71	U	UJ
		VMP-16-13.5-042512	4/25/2012	<0.47	U		<0.96	U		<0.7	U		<1.3	U		<1.6	U		<0.74	U		<1.2	U		<3.2	U	
		VMP-16-13.5-073012	7/30/2012	2.4	J		<29	U		<21	U		<39	U		<48	U		<22	U		<38	U		<24	U	
		VMP-16-13.5-102512	10/25/2012	14	J		<89	U		<65	U		<120	U		<150	U		<69	U		<120	U		<73	U	
		VMP-16-13.5-021413	2/14/2013	2.3	J	J	<14	U		<10	U		<19	U		<24	U		<11	U		<18	U		<12	U	
		VMP-16-13.5-042313	4/23/2013	<2	U		<4	U		<3	U		<5.5	U		<6.8	U		<3.1	U		<5.3	U		<3.3	U	
		VMP-16-13.5-081313	8/13/2013	<4.5	U		<9.1	U		<6.6	U		<12	U		<15	U		<7	U		<12	U		<7.5	U	
		VMP-16-13.5-081313-Dup	8/13/2013	<11	U		<23	U		<17	U		<31	U		<39	U		<18	U		<30	U		<19	U	
		VMP-16-13.5-111513	11/15/2013	<130	U		<65	U		<48	U		<88	U		<110	U		<50	U		<210	U		<54	U	
		VMP-16-13.5-030614	3/6/2014	<3.6	U		<7.3	U		<5.4	U		<9.9	U		<12	U	UJ	<5.7	U		<9.6	U		<6	U	
		VMP-16-13.5-050214	5/2/2014	<0.96	U		<2	U		<1.4	U		<2.6	U		<3.3	U		<1.5	U		<2.6	U		<1.6	U	
		VMP-16-13.5-050214-Dup	5/2/2014	<3.5	U		<7.1	U		<5.2	U		<9.7	U		<12	U		<5.5	U		<9.4	U		<5.9	U	
		VMP-16-13.5-081514	8/15/2014	<86	U		<44	U		<32	U		<59	U		<73	U		<34	U		<140	U		<36	U	
		VMP-16-13.5-110714	11/7/2014	<4.1	U		<8.3	U		<6	U		<11	U		<14	U		<6.4	U		<11	U		<6.8	U	
		VMP-16-13.5-110714-DUP	11/7/2014	<3.8	U		<7.8	U		<5.7	U		<10	U		<13	U		<6	U		<10	U		<6.4	U	
		VMP-16-13.5-021115	2/11/2015	<6.9	U		<14	U		<10	U		<19	U		<23	U		<11	U		<18	U		<12	U	
		VMP-16-13.5-050715	5/7/2015	3.1	J		<20	U		<15	U		<27	U		<34	U		<16	U		<66	U		<16	U	
		VMP-16-13.5-073115	7/31/2015	<2.2	U		<4.4	U		<3.2	U		<6	U		<7.4	U		<3.4	U		<5.8	U		<3.6	U	
		VMP-16-13.5-110415	11/4/2015	<4.4	U		<8.9	U		<6.5	U		<12	U		<15	U		<6.9	U		<12	U		<7.3	U	UJ
		VMP-16-13.5-020316	2/3/2016	<20	U	UJ	<42	U		<30	U		<56	U		<70	U		<32	U		<54	U		<34	U	
		VMP-16-13.5-052516-R	5/25/2016	<2.1	U		<4.3	U		<3.1	U		<5.8	U		<7.2	U		<3.3	U		<5.6	U		<3.5	U	
		VMP-16-13.5-080316	8/3/2016	6.7	J		<14	U		<10	U		<19	U		<24	U		<11	U		<46	U		<12	U	
		VMP-16-13.5-103116	10/31/2016	<8.7	U		<4.4	U		<3.2	U		<6	U		<7.4	U		<3.4	U		<5.8	U		<3.6	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	19 ft	VMP-16-19	11/19/2009	<2	U		<4	U		<3	U		<5.5	U		<1.7	U		<3.1	U		<5.3	U		<3.3	U	
		VMP-16-19-090210	9/2/2010	<7.7	U		<16	U		<11	U		<21	U		<6.5	U		<12	U		<20	U		<13	U	
		VMP-16-19-112910	11/29/2010	<17	U		<34	U		<25	U		<46	U		<14	U		<26	U		<45	UJ	UJ	<28	U	
		VMP-16-19-021611	2/16/2011	<4	U		<8.1	U		<5.9	U		<11	U		<3.4	U		<6.3	U		<11	U		<6.7	U	
		VMP-16-19-042711	4/27/2011	<4.1	U		<8.3	U		<6.1	U		<11	U		<14	U		<6.4	U		<11	U		<6.8	U	
		VMP-16-19-042711-DUP	4/27/2011	<4	U		<8.1	U		<5.9	U		<11	U		<14	U		<6.3	U		<11	U		<6.7	U	
		VMP-16-19-042512	4/25/2012	<11	U		<22	U		<16	U		<30	U		<37	U		<17	U		<29	U		<73	U	
		VMP-16-19-073012	7/30/2012	1.5	J		<20	U		<14	U		<27	U		<33	U		<15	U		<26	U		<16	U	
		VMP-16-19-102512	10/25/2012	14	J		<83	U		<61	U		<110	U		<140	U		<64	U		<110	U		<68	U	
		VMP-16-19-021413	2/14/2013	<4.1	U		<8.3	U		<6.1	U		<11	U		<14	U		<6.4	U		<11	U		<6.8	U	
		VMP-16-19-042313	4/23/2013	<3.8	U		<7.6	U		<5.6	U		<10	U		<13	U		<5.9	U		<10	U		<6.3	U	
		VMP-16-19-081313	8/13/2013	<4.3	U		<8.7	U		<6.4	U		<12	U		<14	U		<6.7	U		<11	U		<7.1	U	
		VMP-16-19-111513	11/15/2013	<110	U		<55	U		<40	U		<74	U		<92	U		<43	U		<180	U		<45	U	
		VMP-16-19-111513-Dup	11/15/2013	<110	U		<55	U		<40	U		<74	U		<92	U		<43	U		<180	U		<45	U	
		VMP-16-19-030614	3/6/2014	<9.4	U		<19	U		<14	U		<26	U		<32	U	UJ	<15	U		<25	U		<16	U	
		VMP-16-19-050214	5/2/2014	<4.1	U		<8.2	U		<6	U		<11	U		<14	U		<6.4	U		<11	U		<6.8	U	
		VMP-16-19-081514	8/15/2014	<41	U		<21	U		<15	U		<28	U		<34	U		<16	U		<68	U		<17	U	
		VMP-16-19-110714	11/7/2014	<3.8	U	UJ	<7.6	U	UJ	<5.6	U	UJ	<10	U	UJ	<13	U	UJ	<5.9	U	UJ	<10	U	UJ	<6.3	U	UJ
		VMP-16-19-120214-R	12/2/2014	<4.2	U		<8.4	U		<6.2	U		<11	U		<14	U		<6.5	U		<11	U		<6.9	U	
		VMP-16-19-021115	2/11/2015	<3.5	U		<7.1	U		<5.2	U		<9.7	U		<12	U		<5.5	U		<9.4	U		<5.9	U	
		VMP-16-19-050715	5/7/2015	3.7	J		<15	U		<11	U		<21	U		<26	U		<12	U		<50	U		<13	U	
		VMP-16-19-073115	7/31/2015	<4.5	U		<9.1	U		<6.6	U		<12	U		<15	U		<7	U		<12	U		<7.5	U	
		VMP-16-19-110415	11/4/2015	<0.73	U		<1.5	U		<1.1	U		<2	U		<2.5	U		<1.1	U		<1.9	U		<1.2	U	UJ
		VMP-16-19-020316	2/3/2016	<24	U	UJ	<49	U		<36	U		<66	U		<82	U		33	J		<64	U		<40	U	
		VMP-16-19-050416	5/4/2016	<6.2	U		<3.1	U		<2.3	U		<4.2	U		<5.2	U		<2.4	U		<10	U		<2.6	U	
		VMP-16-19-080316	8/3/2016	8.9	J		<9.3	U		<6.8	U		<13	U		<16	U		<7.2	U		<30	U		<7.7	U	
		VMP-16-19-103116	10/31/2016	<8.1	U		<4.1	U		<3	U		<5.5	U		<6.9	U		<3.2	U		<5.4	U		<3.4	U	
	31 ft	VMP-16-31	11/19/2009	<3	U		<6.1	U		<4.5	U		<8.3	U		<2.6	U		<4.7	U		<8	U		<5	U	
		VMP-16-31-D	11/19/2009	<3	U		<6.1	U		<4.5	U		<8.3	U		<2.6	U		<4.7	U		<8	U		<5	U	
		VMP-16-31-090310	9/3/2010	0.0036	J		<0.0091	U		<0.0066	U		<0.012	U		<0.0038	U		<0.007	U		<0.012	U		<0.0075	U	
		VMP-16-31-112910	11/29/2010	<17	U		<34	U		<25	U		<46	U		<14	U		<27	U		<45	UJ	UJ	<28	U	
		VMP-16-31-042512	4/25/2012	<13	U		<27	U		<20	U		<36	U		<45	U		<21	U		<35	U		<89	U	
		VMP-16-31-073012	7/30/2012	3.9	J		<22	U		<16	U		<30	U		<37	U		<17	U		<29	U		<18	U	
		VMP-16-31-102512	10/25/2012	7.8	J		<100	U		<76	U		<140	U		<170	U		<80	U		<140	U		<85	U	
		VMP-16-31-021813	2/18/2013	<16	U		<31	U		<23	U		<42	U		<53	U		<24	U		<41	U		<26	U	
		VMP-16-31-042313	4/23/2013	<9.8	U		<20	U		<14	U		<27	U		<33	U		<15	U		<26	U		<16	U	
		VMP-16-31-081313	8/13/2013	<11	U		<22	U		<16	U		<30	U		<38	U		<17	U		<30	U		<18	U	
		VMP-16-31-111513	11/15/2013	<100	U		<50	U		<37	U		<68	U		<84	U		<39	U		<160	U		<41	U	
		VMP-16-31-030614	3/6/2014	<7	U		<14	U		<10	U		<19	U		<24	U	UJ	<11	U		<19	U		<12	U	
		VMP-16-31-050214	5/2/2014	<2	U		<4	U		<3	U		<5.5	U		<6.8	U		<3.1	U		<5.3	U		<3.3	U	
		VMP-16-31-081514	8/15/2014	<43	U		<22	U		<16	U		<29	U		<36	U		<17	U		<71	U		<18	U	
		VMP-16-31-081514-Dup	8/15/2014	<44	U		<22	U		<16	U		<30	U		<37	U		<17	U		<73	U		<18	U	
		VMP-16-31-110714	11/7/2014	<1.9	U		<3.8	U		<2.8	U		<5.2	U		<6.4	U		<3	U		<5	U		<3.2	U	
		VMP-16-31-021115	2/11/2015	<3.1	U		<6.3	U		<4.6	U		<8.5	U		<10	U		<4.9	U		<8.3	U		<5.2	U	
		VMP-16-31-050715	5/7/2015	2.8	J		<11	U		<8.2	U		<15	U		<19	U		<8.7	U		<37	U		<9.3	U	
		VMP-16-31-073115	7/31/2015	<2.3	U		<4.6	U		<3.4	U		<6.3	U		<7.8	U		<3.6	U		<6.1	U		<3.8	U	
		VMP-16-31-073115-DUP	7/31/2015	<2.1	U		<4.3	U		<3.2	U		<5.9	U		<7.3	U		<3.4	U		<5.7	U		<3.6	U	
		VMP-16-31-110415	11/4/2015	<4.5	U		<9.1	U		<6.6	U		<12	U		<15	U		<7	U		<12	U		<7.5	U	UJ
		VMP-16-31-020316	2/3/2016	<8.3	U	UJ	<17	U		<12	U		<23	U		<28	U		<13	U		<22	U		<14	U	
		VMP-16-31-020316-DUP	2/3/2016	<9.9	U	UJ	<20	U		<15	U		<27	U		<34	U		<16	U		<26	U		<16	U	
		VMP-16-31-050416	5/4/2016	<16	U		<8.4	U		<6.1	U		<11	U		<14	U		<6.5	U		<27	U		<6.9	U	
		VMP-16-31-050416-DUP	5/4/2016	<16	U		<8.2	U		6.6			<11	U		<14	U		<6.3	U		<27	U		<6.7	U	
		VMP-16-31-080316	8/3/2016	9.4	J		<5.7	U		<4.1	U		<7.7	U		<9.5	U		<4.4	U		<18	U		<4.6	U	
		VMP-16-31-103116	10/31/2016	<7.9	U		<4	U		<2.9	U		<5.4	U		<6.7	U		<3.1	U		<5.2	U		<3.3	U	
		VMP-16-31-103116-Dup	10/31/2016	<8.3	U		<4.2	U		<3.1	U		<5.7	U		<7.1	U		<3.3	U		<5.5	U		<3.5	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	<0.004	U		<0.009	U		<0.006	U		<0.012	U		<0.003	U		<0.007	U		<0.012	U		<0.007	U	
		VMP-17-5-DUP	6/21/2010	<0.004	J	U	<0.009	U		<0.006	U		<0.013	U		<0.004	U		<0.007	U		<0.012	U		<0.007	U	
		VMP-17-5-090110	9/1/2010	<0.0042	J	U	<0.0085	U		<0.0062	J	U	<0.011	U		<0.0035	U		<0.0066	U		0.0045	J		<0.007	U	
		VMP-17-5-112210	11/22/2010	<0.0042	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.0035	U		<0.0066	U		0.0035	J		<0.007	U	
		VMP-17-5-020711	2/7/2011	<0.0039	U		<0.0079	U		<0.0058	U		<0.011	U		<0.0033	U		<0.0062	U		<0.01	U		<0.0065	U	
		VMP-17-5-040611	4/6/2011	0.0058	J		<0.032	U		<0.023	U		<0.043	U		<0.053	U		<0.025	U		<0.042	U		<0.026	U	
		VMP-17-5-080111	8/1/2011	<0.24	U		<0.12	U		<0.089	U		<0.16	U		<0.2	U		<0.094	U		<0.16	U		<0.1	U	
		VMP-17-5-110711	11/7/2011	<0.011	U		<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		<0.0071	U		<0.0044	J	U
		VMP-17-5-012612	1/26/2012	<0.011	U		<0.0056	U		<0.0041	U		<0.0076	U		<0.0094	U		<0.0044	U		<0.0074	U		<0.0046	U	
		VMP-17-5-041112	4/11/2012	<0.011	U		<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U		<0.0047	U	
		VMP-17-5-071112	7/11/2012	<0.012	U		<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		<0.0051	U	UJ
		VMP-17-5-100912	10/9/2012	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-17-5-013113	1/31/2013	0.0076	J		<0.033	U		<0.024	U		<0.045	U		<0.056	U		<0.026	U		<0.11	U		<0.027	U	
		VMP-17-5-013113-DUP	1/31/2013	0.007	J		<0.033	U		<0.024	U		<0.045	U		<0.056	U		<0.026	U		<0.11	U		<0.027	U	
		VMP-17-5-050113	5/1/2013	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-17-5-072913	7/29/2013	<0.018	J	U	<0.009	U		<0.0066	J	U	<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-17-5-072913-Dup	7/29/2013	<0.018	J	U	<0.0093	U		<0.0068	J	U	<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-17-5-110813	11/8/2013	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-17-5-021114	2/11/2014	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-17-5-042214	4/22/2014	<0.016	U		<0.0078	J	U	<0.0057	U		<0.011	U		<0.013	U		<0.0061	J	U	<0.026	U		<0.0064	U	
		VMP-17-5-073114	7/31/2014	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-17-5-103014	10/30/2014	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-17-5-020415	2/4/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-17-5-050115	5/1/2015	<0.015	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-17-5-072815	7/28/2015	<0.019	J	U	<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-17-5-102915	10/29/2015	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-17-5-020216	2/2/2016	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-17-5-050216	5/2/2016	0.00067	J		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	UJ	<0.0067	U	
		VMP-17-5-072516	7/25/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-17-5-103116	10/31/2016	0.0043	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	<0.004	J	U	<0.009	U		<0.006	U		<0.012	U		<0.003	U		<0.007	U		<0.012	U		<0.007	U	
		VMP-18-8.5-090710	9/7/2010	0.0069			0.0012	J		<0.0059	U		<0.011	U		<0.0034	U		0.00097	J		<0.011	U		<0.0067	J	U
		VMP-18-8.5-111910	11/19/2010	<0.0034	U		<0.0068	U		<0.005	U		<0.0092	U		<0.0028	U		<0.0053	U		<0.0089	U		<0.0056	U	
		VMP-18-8.5-020711	2/7/2011	<0.0037	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.0031	U		<0.0058	U		<0.0098	U		<0.0062	U	
		VMP-18-8.5-020711-DUP	2/7/2011	<0.0036	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.003	U		<0.0056	U		<0.0094	U		<0.0059	U	
		VMP-18-8.5-040711	4/7/2011	<0.016	J	U	<0.0081	U		<0.0059	J	U	0.0023	J		<0.014	U		<0.0063	U		<0.011	U		<0.0066	J	U
		VMP-18-8.5-072811	7/28/2011	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.011	U		<0.0071	U	
		VMP-18-8.5-110711	11/7/2011	<0.011	U		<0.0056	U		<0.0041	U		<0.0076	U		<0.0094	U		<0.0044	U		<0.0074	U		<0.0046	U	
		VMP-18-8.5-012312	1/23/2012	<0.012	J	U	<0.0061	U		<0.0045	J	U	<0.0083	U		<0.01	U		<0.0047	U		<0.008	U		<0.005	U	
		VMP-18-8.5-041012	4/10/2012	<0.012	U		<0.0063	U		<0.0046	U		<0.0086	U		<0.011	U		<0.0049	U		<0.021	U		<0.0052	U	
		VMP-18-8.5-071212	7/12/2012	<0.012	U		<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		<0.0051	U	UJ
		VMP-18-8.5-100912	10/9/2012	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-18-8.5-012313	1/23/2013	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-18-8.5-050113	5/1/2013	<0.019	J	U	<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.008	U	
		VMP-18-8.5-072913	7/29/2013	<0.018	J	U	<0.0092	U		<0.0068	J	U	<0.012	U		<0.016	U		0.004	J		<0.03	U		<0.0076	U	
		VMP-18-8.5-102513	10/25/2013	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.00024	J		0.0031	J		0.0004	J	
		VMP-18-8.5-102513-Dup	10/25/2013	<0.018	U		0.00029	J		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		0.00096	J		<0.0073	U	
		VMP-18-8.5-020614	2/6/2014	<0.014	J	U	<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-18-8.5-042214	4/22/2014	<0.018	U		<0.0093	J	U	<0.0068	U		<0.013	U		<0.016	U		<0.0072	J	U	<0.03	U		<0.0077	U	
		VMP-18-8.5-042214-Dup	4/22/2014	<0.016	U		<0.0082	J	U	<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-18-8.5-073114	7/31/2014	<0.02	J	U	<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		<0.0082	U	
		VMP-18-8.5-110314	11/3/2014	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-18-8.5-020415	2/4/2015	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-18-8.5-050115	5/1/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-18-8.5-050115-DUP	5/1/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-18-8.5-072815	7/28/2015	<0.019	J	U	<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.0027	J		<0.031	U		<0.0078	U	
		VMP-18-8.5-102915	10/29/2015	<0.015	J	U	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-18-8.5-020216	2/2/2016	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-18-8.5-050516	5/5/2016	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U	UJ	<0.0064	U	
		VMP-18-8.5-072516	7/25/2016	<0.018	U		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		0.0019	J		<0.03	U		<0.0076	U	
		VMP-18-8.5-102516	10/26/2016	<0.031	U		<0.016	U		<0.012	U		<0.021	U		<0.026	U		<0.012	U		<0.052	U		<0.013	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	<0.004	J	U	<0.008	U		<0.006	U		<0.012	U		<0.003	U		0.00085	J		<0.011	U		<0.007	U	
		VMP-19-5-090110	9/1/2010	<0.004	J	U	<0.0081	U		<0.0059	J	U	<0.011	U		<0.0034	U		0.00094	J		<0.011	U		<0.0067	U	
		VMP-19-5-111510	11/15/2010	0.0013	J		<0.0087	U		<0.0064	U		<0.012	U		<0.0036	U		<0.0067	U		<0.011	U		<0.0071	U	
		VMP-19-5-020411	2/4/2011	<0.0038	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.0032	U		<0.0059	U		<0.01	U		<0.0063	J	U
		VMP-19-5-040711	4/7/2011	0.0013	J		<0.0085	U		0.00072	J		<0.012	U		<0.014	U		<0.0066	U		<0.011	U		<0.007	U	
		VMP-19-5-080911	8/9/2011	<0.018	J	U	<0.0093	U		<0.0068	J	U	<0.013	U		<0.016	U		<0.0072	U		<0.012	U		<0.0077	J	U
		VMP-19-5-080911-DUP	8/9/2011	<0.018	J	U	<0.0089	U		<0.0065	J	U	<0.012	U		<0.015	U		<0.0069	U		<0.012	U		<0.0073	J	U
		VMP-19-5-110811	11/8/2011	<0.012	U		<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.0081	U		<0.0051	U	
		VMP-19-5-012612	1/26/2012	<0.011	U		<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		<0.0071	U		<0.0044	U	
		VMP-19-5-041012	4/10/2012	<0.012	U		<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		<0.0051	U	
		VMP-19-5-071112	7/11/2012	<0.014	U		<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		<0.0054	U		<0.023	U		<0.0058	U	UJ
		VMP-19-5-100912	10/9/2012	0.0028	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-19-5-013113	1/31/2013	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-19-5-043013	4/30/2013	<0.021	J	U	<0.011	U		<0.0078	U		<0.014	U		<0.018	U		<0.0083	U		<0.035	U		<0.0088	U	
		VMP-19-5-073113	7/31/2013	<0.018	J	U	<0.0089	U		<0.0065	J	U	<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-19-5-102513	10/25/2013	<0.018	J	U	0.00038	J		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		0.00087	J		0.00048	J	
		VMP-19-5-020614	2/6/2014	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-19-5-042214	4/22/2014	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	J	U	<0.029	U		<0.0074	U	
		VMP-19-5-073114	7/31/2014	<0.02	J	U	<0.01	U		<0.0076	U		<0.014	U		<0.017	U		<0.008	U		<0.034	U		<0.0085	U	
		VMP-19-5-110314	11/3/2014	<0.015	J	U	<0.0077	U		0.0012	J		<0.01	U		<0.013	U		<0.006	J	U	<0.025	U		<0.0064	U	
		VMP-19-5-020415	2/4/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-19-5-050115	5/1/2015	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-19-5-072815	7/28/2015	<0.019	J	U	<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.0022	J		<0.031	U		<0.0078	U	
		VMP-19-5-102615	10/26/2015	0.022			<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-19-5-020216	2/2/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-19-5-050616	5/6/2016	0.00084	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0041	J		<0.029	U	UJ	<0.0072	U	
		VMP-19-5-072816	7/28/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0034	J		<0.03	U		<0.0075	U	
		VMP-19-5-102516	10/26/2016	0.0051	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	0.1			<0.0076	U		0.038			<0.01	U		<0.013	U		0.031			<0.01	U		<0.0063	U	
		VMP-20-5-041511	4/15/2011	0.024	J		<0.084	U		<0.061	U		<0.11	U		<0.14	U		<0.065	U		<0.11	U		<0.069	U	
		VMP-20-5-072511	7/25/2011	0.011	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0012	J		0.0036	J		<0.0073	U	UJ
		VMP-20-5-110111	11/1/2011	<0.01	J	U	<0.0051	U		<0.0037	U		<0.0068	U		<0.0085	U		<0.0039	U		0.014			<0.0042	U	
		VMP-20-5-012312	1/23/2012	0.0058	J		<0.024	U		<0.018	J	U	<0.033	U		<0.041	U		<0.019	U		<0.032	U		<0.02	U	
		VMP-20-5-041012	4/10/2012	<0.011	U		<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		0.007	J		<0.0045	U	
		VMP-20-5-071112	7/11/2012	0.012	J		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	UJ
		VMP-20-5-073112	7/31/2012	<0.012	U		<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		0.0016	J		<0.0051	U	
		VMP-20-5-100412	10/4/2012	0.0047	J	J	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-20-5-020713	2/7/2013	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-20-5-041913	4/19/2013	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-20-5-072313	7/23/2013	<0.018	J	U	<0.0089	U		<0.0065	J	U	<0.012	J	U	<0.015	U		0.0018	J		<0.029	U		<0.0073	J	U
		VMP-20-5-110113	11/1/2013	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		0.0013	J		<0.007	U	
		VMP-20-5-021014	2/10/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-20-5-042114	4/21/2014	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-20-5-072514	7/25/2014	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-20-5-102714	10/27/2014	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	J	U	0.0054	J		<0.0075	U	
		VMP-20-5-012715	1/27/2015	<0.016	U		<0.0079	U		<0.0058	J	U	<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-20-5-042715	4/27/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-20-5-072015	7/20/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	ND,UJ	UJ	<0.0073	U	
		VMP-20-5-102015	10/20/2015	0.0035	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-20-5-021616	2/16/2016	<0.02	J	U	<0.01	U		<0.0075	U		<0.014	U		<0.017	U		<0.008	U		<0.034	U		<0.0084	U	
		VMP-20-5-042516	4/25/2016	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-20-5-072216	7/22/2016	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-20-5-102616	10/26/2016	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11									
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	10 ft	VMP-20-10-031411	3/14/2011	0.0041	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0049	J		<0.01	U		<0.0063	U	
		VMP-20-10-041511	4/15/2011	<0.038	U		<0.076	U		<0.056	U		<0.1	U		<0.13	U		<0.059	U		<0.1	U		<0.063	U	
		VMP-20-10-072511	7/25/2011	<0.016	J	U	<0.0081	U		0.00079	J		<0.011	U		<0.014	U		0.0033	J		<0.011	U		<0.0067	U	UJ
		VMP-20-10-110111	11/1/2011	<0.011	J	U	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		<0.0071	U		<0.0044	U	
		VMP-20-10-012312	1/23/2012	<0.011	J	U	<0.0056	U		<0.0041	J	U	<0.0076	U		<0.0094	U		<0.0044	U		<0.0074	U		<0.0046	U	
		VMP-20-10-041012	4/10/2012	0.0015	J	J	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		0.0051	J		<0.0044	U	
		VMP-20-10-071112	7/11/2012	0.0045	J		<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		0.0031	J		<0.0051	U	UJ
		VMP-20-10-100412	10/4/2012	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-20-10-012213	1/22/2013	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-20-10-041913	4/19/2013	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-20-10-072313	7/23/2013	<0.018	J	U	<0.0091	U		<0.0066	J	U	<0.012	J	U	<0.015	U		<0.007	U		<0.03	U		<0.0075	J	U
		VMP-20-10-110113	11/1/2013	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		0.00051	J		<0.0068	U	
		VMP-20-10-110113-Dup	11/1/2013	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.00041	J		0.00058	J		<0.0064	U	
		VMP-20-10-021014	2/10/2014	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-20-10-042114	4/21/2014	<0.015	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-20-10-072514	7/25/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0015	J		<0.027	U		<0.0068	U	
		VMP-20-10-102714	10/27/2014	<0.021	U		<0.011	U		<0.0079	U		<0.014	U		<0.018	U		<0.0083	U		<0.035	U		<0.0088	U	
		VMP-20-10-012715	1/27/2015	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-20-10-012715-DUP	1/27/2015	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-20-10-042715	4/27/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-20-10-072015	7/20/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	ND,UJ	UJ	<0.0068	U	
		VMP-20-10-102015	10/20/2015	<0.014	J	U	<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-20-10-102015-DUP	10/20/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-20-10-021616	2/16/2016	<0.015	J	U	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-20-10-042516	4/25/2016	0.0075	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-20-10-072216	7/22/2016	0.0079	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.0017	J		<0.029	U		<0.0073	U	
		VMP-20-10-102616	10/26/2016	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
	25 ft	VMP-20-25-031411	3/14/2011	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.0099	U		<0.0062	U	
		VMP-20-25-041511	4/15/2011	<0.043	U		<0.087	U		<0.064	U		<0.12	U		<0.14	U		<0.067	U		<0.11	U		<0.071	U	
		VMP-20-25-072611	7/26/2011	<0.29	U		<0.58	U		<0.42	U		<0.78	U		<0.97	U		<0.45	U		<0.76	U		<0.48	U	UJ
		VMP-20-25-110511	11/5/2011	<0.01	J	U	<0.0053	U		<0.0039	J	U	<0.0072	U		<0.0089	U		<0.0041	U		<0.0069	U		<0.0043	U	
		VMP-20-25-012312	1/23/2012	<0.012	J	U	<0.0059	U		<0.0043	J	U	<0.008	U		<0.0099	U		<0.0046	U		<0.0077	U		<0.0048	U	
		VMP-20-25-041012	4/10/2012	<0.011	U		<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.018	U		<0.0045	U	
		VMP-20-25-041012-Dup	4/10/2012	<0.011	U		<0.0056	U		<0.0041	U		<0.0076	U		<0.0094	U		<0.0044	U		<0.018	U		<0.0046	U	
		VMP-20-25-071112	7/11/2012	0.0068	J		<0.0063	U		<0.0046	U		<0.0086	U		<0.011	U		<0.0049	U		<0.021	U		<0.0052	U	UJ
		VMP-20-25-100412	10/4/2012	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-20-25-012213	1/22/2013	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-20-25-041913	4/19/2013	<0.017	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-20-25-072313	7/23/2013	<0.019	J	U	<0.0095	U		<0.007	J	U	<0.013	J	U	<0.016	U		<0.0074	U		<0.031	U		<0.0078	J	U
		VMP-20-25-110113	11/1/2013	<0.015	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		0.00066	J		<0.0061	U	
		VMP-20-25-021014	2/10/2014	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-20-25-042114	4/21/2014	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-20-25-072514	7/25/2014	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-20-25-102714	10/27/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-20-25-012715	1/27/2015	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-20-25-042715	4/27/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-20-25-072015	7/20/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	ND,UJ	UJ	<0.007	U	
		VMP-20-25-102015	10/20/2015	<0.015	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		0.0017	J	
		VMP-20-25-020216	2/2/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
		VMP-20-25-042516	4/25/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-20-25-072216	7/22/2016	0.072			<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-20-25-102616	10/26/2016	0.0027	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	39.5 ft	VMP-20-39.5-042114	4/21/2014	<1.4	U		<0.69	U		<0.5	U		<0.93	U		<1.2	U		<0.53	U		<2.3	U		<0.57	U	
		VMP-20-39.5-042715	4/27/2015	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	ND,UJ	UJ
		VMP-20-39.5-042715-DUP	4/27/2015	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	ND,UJ	UJ
		VMP-20-39.5-072015	7/20/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	ND,UJ	UJ	<0.0068	U	
		VMP-20-39.5-072015-DUP	7/20/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	ND,UJ	UJ	<0.007	U	
		VMP-20-39.5-100412	10/4/2012	4.2	J		<2.3	U		<1.7	U		<3.1	U		<3.8	U		<1.8	U		1.5	J		<1.9	U	
		VMP-20-39.5-012313	1/23/2013	<0.64	U		<1.3	U		<0.95	U		<1.8	U		<2.2	U		<1	U		<1.7	U		<1.1	U	
		VMP-20-39.5-041913	4/19/2013	<0.51	U		<1	U		<0.76	U		<1.4	U		<1.7	U		<0.8	U		<1.4	U		<0.85	U	
		VMP-20-39.5-072313	7/23/2013	0.85	J		<2	U		0.83	J		<2.6	U		<3.3	U		<1.5	U		<6.4	U		0.49	J	
		VMP-20-39.5-110113	11/1/2013	0.017	J		<0.17	U		<0.12	U		<0.23	U		<0.29	U		<0.13	U		<0.22	U		<0.14	U	
		VMP-20-39.5-021014	2/10/2014	<0.073	U		<0.15	U		<0.11	U		<0.2	U		<0.25	U		<0.11	U		<0.19	U		<0.12	U	
		VMP-20-39.5-021014-Dup	2/10/2014	<0.069	U		<0.14	U		<0.1	U		<0.19	U		<0.23	U		<0.11	U		<0.18	U		<0.11	U	
		VMP-20-39.5-072514	7/25/2014	<2.7	U		<1.4	U		<1	U		<1.9	U		<2.3	U		<1.1	U		<4.5	U		<1.1	U	
		VMP-20-39.5-072514-Dup	7/25/2014	<2.1	U		<1.1	U		<0.79	U		<1.5	U		<1.8	U		<0.84	U		<3.6	U		<0.89	U	
		VMP-20-39.5-102714	10/27/2014	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-20-39.5-012715	1/27/2015	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
		VMP-20-39.5-102015	10/20/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-20-39.5-020216	2/2/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-20-39.5-020216-DUP	2/2/2016	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<1.4	U		<2.9	U		<2.1	U		<4	U		<1.2	U		<2.3	U		<3.8	U		<2.4	U	
		VMP-21-5-020911-DUP	2/9/2011	<2.5	U		<5	U		<3.6	U		<6.8	U		<2.1	U		<3.9	U		<6.6	U		<4.1	U	
		VMP-21-5-041311	4/13/2011	0.0064	J		<0.0083	U		<0.0061	J	U	<0.011	U		<0.014	U		<0.0064	U		<0.011	U		0.001	J	
		VMP-21-5-072511	7/25/2011	<0.017	J	U	<0.0087	U		<0.0064	J	U	<0.012	U		<0.014	U		<0.0067	U		<0.011	U		<0.0071	U	UJ
		VMP-21-5-110111	11/1/2011	<0.014	J	U	<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		<0.0056	U		<0.0094	U		<0.0059	U	
		VMP-21-5-012312	1/23/2012	<0.012	J	U	<0.0061	U		<0.0045	J	U	<0.0083	U		<0.01	U		<0.0047	U		<0.008	U		<0.005	U	
		VMP-21-5-012312-DUP	1/23/2012	<0.011	J	U	<0.0056	U		<0.0041	J	U	<0.0076	U		<0.0094	U		<0.0044	U		<0.0074	U		<0.0046	U	
		VMP-21-5-042412	4/24/2012	<0.023	J	U	<0.012	U		<0.0084	J	U	<0.016	U		<0.019	U		<0.0089	U		<0.038	U		<0.0095	U	
		VMP-21-5-071012	7/10/2012	<0.013	U		<0.0067	U		<0.0049	J	U	<0.009	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	UJ
		VMP-21-5-100412	10/4/2012	<0.019	U		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-21-5-020613	2/6/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-21-5-051013	5/10/2013	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-21-5-072313	7/23/2013	<0.019	J	U	<0.0095	U		<0.007	J	U	<0.013	J	U	<0.016	U		<0.0074	U		<0.031	U		<0.0078	J	U
		VMP-21-5-102113	10/21/2013	<0.016	J	U	<0.0083	U	UJ	<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		0.00029	J		<0.0068	U	
		VMP-21-5-022414	2/24/2014	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-21-5-042114	4/21/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-21-5-072814	7/28/2014	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-21-5-102714	10/27/2014	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-21-5-012715	1/27/2015	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-21-5-042715	4/27/2015	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	ND,UJ	UJ
		VMP-21-5-072015	7/20/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	ND,UJ	UJ	<0.0071	U	
		VMP-21-5-102315	10/23/2015	0.0015	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-21-5-012616	1/26/2016	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-21-5-042716	4/27/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-21-5-072616	7/26/2016	0.0037	J		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-21-5-102416	10/24/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011	<1.3	U		<2.6	U		<1.9	U		<3.6	U		<1.1	U		<2	U		<3.5	U		<2.2	U	
		VMP-21-10-041311	4/13/2011	0.065	J		<0.33	U		<0.24	U		<0.45	U		<0.56	U		<0.26	U		<0.44	U		<0.27	U	
		VMP-21-10-072511	7/25/2011	<0.036	J	U	<0.018	U		<0.013	J	U	<0.025	U		<0.031	U		<0.014	U		<0.024	U		<0.015	U	UJ
		VMP-21-10-110111	11/1/2011	<0.011	J	U	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		<0.0071	U		<0.0044	U	
		VMP-21-10-012312	1/23/2012	<0.012	J	U	<0.0061	U		<0.0045	J	U	<0.0083	U		<0.01	U		<0.0047	U		<0.008	U		<0.005	U	
		VMP-21-10-040912	4/9/2012	0.0018	J	J	<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.018	U		<0.0045	U	
		VMP-21-10-071012	7/10/2012	0.0043	J		<0.0063	U		<0.0046	U		<0.0086	U		<0.011	U		<0.0049	U		<0.021	U		<0.0052	U	UJ
		VMP-21-10-100412	10/4/2012	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-21-10-020513	2/5/2013	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-21-10-020513-DUP	2/5/2013	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-21-10-051013	5/10/2013	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-21-10-072313	7/23/2013	<0.018	J	U	<0.0091	U		<0.0066	J	U	<0.012	J	U	<0.015	U		<0.007	U		<0.03	U		<0.0075	J	U
		VMP-21-10-102113	10/21/2013	<0.016	J	U	<0.0083	U	UJ	<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-21-10-022414	2/24/2014	<0.014	U		<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-21-10-042114	4/21/2014	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-21-10-072814	7/28/2014	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-21-10-102714	10/27/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	J	U	<0.028	U		<0.0071	U	
		VMP-21-10-012715	1/27/2015	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-21-10-042715	4/27/2015	<0.018	J	U	<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	ND,UJ	UJ
		VMP-21-10-072015	7/20/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	ND,UJ	UJ	<0.007	U	
		VMP-21-10-102315	10/23/2015	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-21-10-012616	1/26/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-21-10-042716	4/27/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-21-10-072616	7/26/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-21-10-102416	10/24/2016	<0.031	U		<0.016	U		<0.011	U		<0.021	U		<0.026	U		<0.012	U		<0.051	U		<0.013	U	
	25 ft	VMP-21-25-021011	2/10/2011	<3.6	U		<7.3	U		<5.4	U		<9.9	U		<3.1	U		<5.7	U		<9.6	U		<6	U	
		VMP-21-25-041411	4/14/2011	<13	U		<26	U		<19	U		<35	U		<43	U		<20	U		<34	U		<21	U	
		VMP-21-25-041411-DUP	4/14/2011	<13	U		<26	U		<19	U		<35	U		<43	U		<20	U		<34	U		<21	U	
		VMP-21-25-072611	7/26/2011	<4.1	U		<8.3	U		<6.1	U		<11	U		<14	U		<6.4	U		<11	U		<6.8	U	UJ
		VMP-21-25-110511	11/5/2011	4.5	J		<5.3	U		2	J		<7.2	U		<8.9	U		<4.1	U		<6.9	U		<4.3	U	
		VMP-21-25-012412	1/24/2012	<0.036	U		<0.073	U		<0.053	U		<0.099	U		<0.12	U		<0.057	U		<0.096	U		<0.24	U	
		VMP-21-25-040912	4/9/2012	0.0028	J		<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U		<0.0047	U	
		VMP-21-25-071112	7/11/2012	0.0046	J		<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U		<0.0047	U	UJ
		VMP-21-25-100412	10/4/2012	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-21-25-020513	2/5/2013	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-21-25-020513-DUP	2/5/2013	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-21-25-051013	5/10/2013	<0.018	U		<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-21-25-072313	7/23/2013	<0.018	J	U	<0.0093	U		<0.0068	J	U	<0.013	U		<0.016	U		0.002	J		<0.03	U		<0.0077	J	U
		VMP-21-25-102113	10/21/2013	<0.017	J	U	<0.0085	U	UJ	<0.0062	U		<0.012	U		<0.014	U		0.0017	J		<0.028	U		<0.007	U	
		VMP-21-25-042114	4/21/2014	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0019	J		<0.025	U		<0.0063	U	
		VMP-21-25-072814	7/28/2014	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-21-25-102714	10/27/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	J	U	<0.026	U		<0.0066	U	
		VMP-21-25-012715	1/27/2015	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0015	J		<0.028	U		<0.0069	U	
		VMP-21-25-042715	4/27/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	ND,UJ	UJ
		VMP-21-25-072015	7/20/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	ND,UJ	UJ	<0.007	U	
		VMP-21-25-102315	10/23/2015	0.001	J		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-21-25-012616	1/26/2016	<0.017	U		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-21-25-042716	4/27/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0012	J		<0.027	U		<0.0068	U	
		VMP-21-25-072616	7/26/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0017	J		<0.027	U		<0.0068	U	
		VMP-21-25-102416	10/24/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.00089	J		<0.026	U		<0.0065	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-021011	2/10/2011	<3.6	U		<7.3	U		<5.4	U		<9.9	U		<3.1	U		<5.7	U		<9.6	U		<6	U	
		VMP-21-33-041411	4/14/2011	<12	U		<25	U		<18	U		<34	U		<42	U		<19	U		<32	U		<20	U	
		VMP-21-33-110511	11/5/2011	1.1	J		<1.2	U		0.52	J		<1.6	U		<2	U		<0.93	U		<1.6	U		<0.99	U	
		VMP-21-33-012412	1/24/2012	<0.085	U		<0.17	U		<0.12	U		<0.23	U		<0.29	U		<0.13	U		<0.22	U		<0.57	U	
		VMP-21-33-042412	4/24/2012	<0.012	J	U	<0.0059	U		<0.0043	J	U	<0.008	U		<0.0099	U		<0.0046	U		<0.019	U		<0.0048	U	
		VMP-21-33-071112	7/11/2012	0.0042	J		<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		<0.0051	U	UJ
		VMP-21-33-100412	10/4/2012	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-21-33-020513	2/5/2013	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-21-33-051013	5/10/2013	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-21-33-102113	10/21/2013	<0.016	U	UJ	<0.008	U	UJ	<0.0058	U		<0.011	U		<0.013	U		0.00047	J		<0.026	U		<0.0065	U	
		VMP-21-33-102113-DUP	10/21/2013	<0.018	J	U	<0.0091	U	UJ	<0.0067	U		<0.012	U		<0.015	U		0.00043	J		<0.03	U		<0.0075	U	
		VMP-21-33-022414	2/24/2014	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-21-33-022414-Dup	2/24/2014	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-21-33-042114	4/21/2014	0.0058	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-21-33-072814	7/28/2014	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-21-33-102714	10/27/2014	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-21-33-102714-DUP	10/27/2014	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-21-33-012715	1/27/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-21-33-072015	7/20/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	ND,UJ	UJ	<0.0073	U	
		VMP-21-33-102315	10/23/2015	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-21-33-102315-DUP	10/23/2015	<0.036	J	U	<0.018	U		<0.013	U		<0.024	U		<0.03	U		<0.014	U		<0.059	U		<0.015	U	
		VMP-21-33-042716	4/27/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-21-33-072616	7/26/2016	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-21-33-102416	10/24/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.08	U		<0.16	U		<0.12	U		<0.22	U		<0.068	U		<0.12	U		<0.21	U		<0.13	U	
		VMP-22-5-041811	4/18/2011	<0.039	U		<0.079	U		<0.058	U		<0.11	U		<0.13	U		<0.062	U		<0.1	U		<0.065	U	
		VMP-22-5-072611	7/26/2011	<0.018	J	U	<0.0093	U		<0.0068	J	U	<0.013	U		<0.016	U		<0.0072	U		<0.012	U		<0.0077	U	UJ
		VMP-22-5-110111	11/1/2011	<0.01	J	U	<0.0053	U		<0.0039	U		<0.0072	U		<0.0089	U		0.0018	J		0.0018	J		<0.0043	U	
		VMP-22-5-012412	1/24/2012	<0.011	J	U	<0.0056	U		<0.0041	J	U	<0.0075	U		<0.0093	U		<0.0043	U		<0.0073	U		<0.0046	U	
		VMP-22-5-040912	4/9/2012	0.0047	J		<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		<0.0051	U	
		VMP-22-5-070912	7/9/2012	0.0074	J		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		<0.022	U		<0.0056	U	UJ
		VMP-22-5-100312	10/3/2012	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-22-5-100312-Dup	10/3/2012	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-22-5-012413	1/24/2013	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-22-5-041913	4/19/2013	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-22-5-072313	7/23/2013	<0.02	J	U	<0.01	U		<0.0073	J	U	<0.014	U		<0.017	U		0.0018	J		<0.033	U		<0.0082	J	U
		VMP-22-5-072313-Dup	7/23/2013	<0.02	J	U	<0.01	U		<0.0073	J	U	<0.014	J	U	<0.017	U		<0.0078	U		<0.033	U		<0.0082	J	U
		VMP-22-5-101813	10/18/2013	<0.017	J	U	<0.0085	U	UJ	<0.0062	U		<0.012	U		<0.014	U		0.00024	J		0.00029	J		<0.007	U	
		VMP-22-5-021314	2/13/2014	<0.014	U		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
		VMP-22-5-042214	4/22/2014	<0.016	U		<0.008	J	U	<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-22-5-072814	7/28/2014	<0.017	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0018	J		<0.028	U		<0.0069	U	
		VMP-22-5-102414	10/24/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-22-5-012715	1/27/2015	<0.014	U		<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-22-5-042715	4/27/2015	<0.031	J	U	<0.016	U		<0.012	U		<0.022	U		<0.027	U		<0.012	U		<0.052	U		<0.013	ND,UJ	UJ
		VMP-22-5-072015	7/20/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	ND,UJ	UJ	<0.0068	U	
		VMP-22-5-012616	1/26/2016	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-22-5-042616	4/26/2016	0.0011	J		<0.011	U		<0.008	U		<0.015	U		<0.018	U		<0.0084	U		<0.036	U		<0.009	U	
		VMP-22-5-072216	7/22/2016	<0.019	U		<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		0.0022	J		<0.032	U		<0.0079	U	
		VMP-22-5-102716	10/27/2016	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11									
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011	<0.038	U		<0.077	U		<0.056	U		<0.1	U		<0.032	U		<0.06	U		<0.1	U		<0.063	U	
		VMP-22-10-041811	4/18/2011	<0.041	U		<0.082	U		<0.06	U		<0.11	U		<0.14	U		<0.064	U		<0.11	U		<0.068	U	
		VMP-22-10-072611	7/26/2011	<0.019	J	U	<0.0095	U		<0.007	J	U	<0.013	U		<0.016	U		0.012			<0.012	U		<0.0078	U	UJ
		VMP-22-10-072611-DUP	7/26/2011	<0.022	J	U	<0.011	U		<0.0082	J	U	<0.015	U		<0.019	U		0.012			<0.015	U		<0.0092	U	UJ
		VMP-22-10-110211	11/2/2011	<0.011	J	U	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		0.014			<0.0071	U		<0.0044	U	
		VMP-22-10-012412	1/24/2012	<0.012	J	U	<0.0061	U		<0.0045	J	U	<0.0083	U		<0.01	U		0.0071			<0.008	U		<0.005	U	
		VMP-22-10-040912	4/9/2012	0.0032	J		<0.0061	U		<0.0044	U		<0.0082	U		<0.01	U		0.0024	J		<0.02	U		<0.005	U	
		VMP-22-10-070912	7/9/2012	<0.014	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		0.0011	J		<0.022	U		<0.0056	U	UJ
		VMP-22-10-070912-Dup	7/9/2012	<0.013	U		<0.0067	U		<0.0049	U		<0.009	U		<0.011	U		0.0011	J		<0.022	U		<0.0055	U	UJ
		VMP-22-10-100312	10/3/2012	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-22-10-012413	1/24/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-22-10-041913	4/19/2013	<0.017	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-22-10-072313	7/23/2013	<0.018	J	U	<0.0093	U		<0.0068	J	U	<0.013	U		<0.016	U		0.0021	J		<0.03	U		<0.0077	J	U
		VMP-22-10-101813	10/18/2013	<0.017	U	UJ	<0.0087	U	UJ	<0.0064	U		<0.012	U		<0.015	U		0.00036	J		0.00053	J		<0.0072	U	
		VMP-22-10-021314	2/13/2014	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-22-10-042214	4/22/2014	<0.016	U		<0.0082	J	U	<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-22-10-072814	7/28/2014	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-22-10-102414	10/24/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-22-10-012715	1/27/2015	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-22-10-042715	4/27/2015	0.011	J		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	ND,UJ	UJ
		VMP-22-10-072015	7/20/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	ND,UJ	UJ	<0.0067	U	
		VMP-22-10-102315	10/23/2015	0.0013	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-22-10-012616	1/26/2016	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-22-10-042616	4/26/2016	0.0008	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-22-10-072216	7/22/2016	0.0092	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0014	J		<0.028	U		<0.0071	U	
		VMP-22-10-102716	10/27/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
	18 ft	VMP-22-18-021111	2/11/2011	<0.66	U		<1.3	U		<0.98	U		<1.8	U		<0.56	U		<1	U		<1.8	U		<1.1	U	
		VMP-22-18-041811	4/18/2011	<2.8	U		<5.7	U		<4.1	U		<7.7	U		<9.5	U		<4.4	U		<7.4	U		<4.6	U	
		VMP-22-18-072611	7/26/2011	<1.4	U		<2.9	U		<2.1	U		<3.9	U		<4.8	U		<2.2	U		<3.8	U		<2.4	U	UJ
		VMP-22-18-110511	11/5/2011	<0.011	J	U	0.0007	J		<0.0042	J	U	<0.0078	U		<0.0096	U		0.094			<0.0076	U		<0.0047	U	
		VMP-22-18-012412	1/24/2012	<0.026	U		<0.053	U		<0.039	U		<0.072	U		<0.089	U		<0.041	U		<0.069	U		<0.17	U	
		VMP-22-18-040912	4/9/2012	0.0039	J		<0.0063	U		<0.0046	U		<0.0086	U		<0.011	U		0.089			<0.021	U		<0.0052	U	
		VMP-22-18-070912	7/9/2012	<0.013	U		<0.0067	U		<0.0049	U		<0.009	U		<0.011	U		0.049			<0.022	U		<0.0055	U	UJ
		VMP-22-18-100412	10/4/2012	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.013			<0.03	U		<0.0075	U	
		VMP-22-18-012413	1/24/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.015			<0.028	U		<0.0071	U	
		VMP-22-18-042213	4/22/2013	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0046	J		<0.03	U		<0.0074	U	
		VMP-22-18-072913	7/29/2013	<0.018	U		<0.0091	U		<0.0067	J	U	<0.012	U		<0.015	U		0.017			<0.03	U		<0.0075	U	
		VMP-22-18-101813	10/18/2013	0.0087	J	J	<0.0085	U	UJ	<0.0062	U		<0.012	U		<0.014	U		0.015			0.00044	J		<0.007	U	
		VMP-22-18-021314	2/13/2014	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0037	J		<0.025	U		<0.0062	U	
		VMP-22-18-042214	4/22/2014	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.012			<0.027	U		<0.0069	U	
		VMP-22-18-072814	7/28/2014	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.033			<0.027	U		<0.0067	U	
		VMP-22-18-102414	10/24/2014	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.026			<0.025	U		<0.0063	U	
		VMP-22-18-012715	1/27/2015	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.017			<0.025	U		<0.0064	U	
		VMP-22-18-012715-DUP	1/27/2015	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.018			<0.026	U		<0.0064	U	
		VMP-22-18-042715	4/27/2015	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.059			<0.025	U		<0.0063	ND,UJ	UJ
		VMP-22-18-072015	7/20/2015	<0.021	J	U	<0.011	U		<0.0078	U		<0.014	U		<0.018	U		0.07			<0.035	ND,UJ	UJ	<0.0087	U	
		VMP-22-18-102315	10/23/2015	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.029			<0.027	U		<0.0068	U	
		VMP-22-18-012616	1/26/2016	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.029			<0.028	U		<0.007	U	
		VMP-22-18-042616	4/26/2016	0.0014	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.018			<0.028	U		<0.0071	U	
		VMP-22-18-072216	7/22/2016	0.0033	J		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.027			<0.028	U		<0.007	U	
		VMP-22-18-102716	10/27/2016	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.025			<0.029	U		<0.0072	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	38 ft	VMP-22-38-041811	4/18/2011	<8.6	U		<17	U		<13	U		<24	U		<29	U		<13	U		<23	U		<14	U	
		VMP-22-38-012512	1/25/2012	<0.1	U		<0.053	U		<0.039	U		<0.072	U		<0.089	U		<0.041	U		<0.069	U		<0.043	U	
		VMP-22-38-040912	4/9/2012	0.0045	J		<0.0061	U		<0.0045	U		<0.0083	U		<0.01	U		0.35			<0.02	U		<0.005	U	
		VMP-22-38-070912	7/9/2012	<0.013	U		<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		0.31			<0.021	U		<0.0053	U	UJ
		VMP-22-38-100412	10/4/2012	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.075			<0.031	U		<0.0078	U	
		VMP-22-38-012413	1/24/2013	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.062			<0.028	U		<0.007	U	
		VMP-22-38-042213	4/22/2013	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.02			<0.03	U		<0.0076	U	
		VMP-22-38-072913	7/29/2013	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.013			<0.029	U		<0.0074	U	
		VMP-22-38-101813	10/18/2013	0.0022	J	J	<0.008	U	UJ	<0.0059	U		<0.011	U		<0.013	U		0.0077			0.00034	J		<0.0066	U	
		VMP-22-38-021314	2/13/2014	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0069			<0.025	U		<0.0063	U	
		VMP-22-38-021314-Dup	2/13/2014	<0.014	U		<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		0.007			<0.024	U		<0.006	U	
		VMP-22-38-042214	4/22/2014	<0.017	U		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.0034	J		<0.028	U		<0.0069	U	
		VMP-22-38-072814	7/28/2014	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0034	J		<0.028	U		<0.007	U	
		VMP-22-38-072814-DUP	7/28/2014	<0.017	J	U	<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.0034	J		<0.028	U		<0.0069	U	
		VMP-22-38-102414	10/24/2014	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		0.0048	J		<0.025	U		<0.0062	U	
		VMP-22-38-102414-DUP	10/24/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0044	J		<0.026	U		<0.0065	U	
		VMP-22-38-012715	1/27/2015	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0019	J		<0.026	U		<0.0066	U	
		VMP-22-38-042715	4/27/2015	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0021	J		<0.024	U		<0.0062	ND,UJ	UJ
		VMP-22-38-042715-DUP	4/27/2015	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0022	J		<0.026	U		0.0028	J	J
		VMP-22-38-072015	7/20/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0036	J		<0.03	ND,UJ	UJ	<0.0075	U	
		VMP-22-38-072015-DUP	7/20/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0038	J		<0.028	ND,UJ	UJ	<0.0071	U	
		VMP-22-38-102315	10/23/2015	0.0012	J		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.0056	J		<0.028	U		<0.0069	U	
		VMP-22-38-012616-DUP	1/26/2016	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.011			<0.027	U		<0.0067	U	
		VMP-22-38-042616	4/26/2016	<0.019	U		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.0047	J		<0.032	U		<0.008	U	
		VMP-22-38-072216	7/22/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0039	J		<0.029	U		<0.0072	U	
		VMP-22-38-072216-DUP	7/22/2016	0.0034	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.003	J		<0.028	U		<0.0071	U	
		VMP-22-38-102716	10/27/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0024	J		<0.028	U		<0.007	U	
		VMP-22-38-102716-Dup	10/27/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.002	J		<0.026	U		<0.0065	U	
VMP-23	5 ft	VMP-23-5-021511	2/15/2011	<0.0041	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.0035	U		0.0013	J		<0.011	U		<0.0068	U	
		VMP-23-5-042111	4/21/2011	<0.036	U		<0.072	U		<0.053	U		<0.098	U		<0.12	U		<0.056	U		<0.094	U		<0.059	U	
		VMP-23-5-072711	7/27/2011	0.0032	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.011	U		<0.0068	U	
		VMP-23-5-110211	11/2/2011	<0.012	J	U	<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		<0.0046	U		<0.0077	U		<0.0048	U	
		VMP-23-5-012512	1/25/2012	<0.0098	U		<0.005	U		<0.0036	U		<0.0067	U		<0.0083	U		0.0022	J		<0.0065	U		<0.0041	U	
		VMP-23-5-040912	4/9/2012	0.0074	J		<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		<0.02	U		<0.0049	U	
		VMP-23-5-070912	7/9/2012	0.0042	J		<0.0054	U		<0.0039	J	U	<0.0073	U		<0.009	U		<0.0042	U		0.0044	J		<0.0044	U	UJ
		VMP-23-5-100312	10/3/2012	<0.018	J	U	<0.0091	U		<0.0066	J	U	<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-23-5-012413	1/24/2013	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-23-5-042213	4/22/2013	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-23-5-072313	7/23/2013	<0.018	J	U	<0.0093	U		<0.0068	J	U	<0.013	U		<0.016	U		0.0018	J		<0.03	U		<0.0077	J	U
		VMP-23-5-101813	10/18/2013	0.0028	J	J	<0.0089	U	UJ	<0.0065	U		<0.012	U		<0.015	U		0.00033	J		<0.029	U		<0.0074	U	
		VMP-23-5-021314	2/13/2014	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-23-5-042114	4/21/2014	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0018	J		<0.028	U		<0.0071	U	
		VMP-23-5-080514	8/5/2014	0.0031	J		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0068	J		<0.03	U		<0.0076	U	
		VMP-23-5-102414	10/24/2014	<0.019	U		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.0046	J		<0.031	U		<0.0078	U	
		VMP-23-5-012715	1/27/2015	0.0078	J		<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.008	U	
		VMP-23-5-042715	4/27/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0027	J		<0.027	U		<0.0068	ND,UJ	UJ
		VMP-23-5-072015	7/20/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0067			<0.027	ND,UJ	UJ	<0.0068	U	
		VMP-23-5-102615	10/26/2015	0.0012	J		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-23-5-012516	1/25/2016	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-23-5-062816	6/28/2016	<0.02	U		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		0.008			<0.033	U		<0.0082	U	
		VMP-23-5-072216	7/22/2016	0.008	J		<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		0.0023	J		<0.031	U		<0.0077	U	
		VMP-23-5-101916	10/19/2016	0.0017	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.003	J		<0.026	U		<0.0066	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	<0.0042	U		<0.0086	U		<0.0063	J	U	<0.012	U		<0.0036	U		0.0015	J		<0.011	U		0.0012	J	
		VMP-23-10-042111	4/21/2011	<0.043	U		<0.087	U		<0.064	U		<0.12	U		<0.14	U		<0.067	U		<0.11	U		<0.071	U	
		VMP-23-10-072711	7/27/2011	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.01	U		<0.0065	U	
		VMP-23-10-110211	11/2/2011	<0.011	J	U	<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		<0.0076	U		<0.0047	U	
		VMP-23-10-012512	1/25/2012	<0.0096	U		<0.0049	U		<0.0036	U		<0.0066	U		<0.0082	U		0.0067			<0.0064	U		<0.004	U	
		VMP-23-10-040912	4/9/2012	0.0049	J		<0.0061	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		<0.02	U		<0.005	U	
		VMP-23-10-040912-Dup	4/9/2012	0.0042	J		0.0021	J		<0.0045	U		<0.0083	U		<0.01	U		0.0034	J		0.014	J		<0.0051	U	
		VMP-23-10-070912	7/9/2012	<0.0096	U		<0.0049	U		<0.0036	J	U	<0.0066	U		<0.0082	U		0.0012	J		0.0036	J		<0.004	U	UJ
		VMP-23-10-100312	10/3/2012	<0.019	J	U	<0.0098	U		<0.0072	J	U	<0.013	U		<0.016	U		<0.0076	U		0.0082	J		<0.008	U	
		VMP-23-10-012413	1/24/2013	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0016	J		<0.026	U		<0.0064	U	
		VMP-23-10-042213	4/22/2013	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0029	J		<0.027	U		<0.0068	U	
		VMP-23-10-072313	7/23/2013	<0.019	J	U	<0.0095	U		<0.007	J	U	<0.013	U		<0.016	U		0.0059	J		<0.031	U		<0.0078	J	U
		VMP-23-10-101813	10/18/2013	<0.019	J	U	<0.0095	U	UJ	<0.0069	U		<0.013	U		<0.016	U		0.0017	J		<0.031	U		<0.0078	U	
		VMP-23-10-101813-DUP	10/18/2013	<0.019	J	U	0.00026	J	J	<0.0069	U		<0.013	U		<0.016	U		0.0016	J		0.00034	J		<0.0078	U	
		VMP-23-10-021314	2/13/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0012	J		<0.026	U		<0.0065	U	
		VMP-23-10-042114	4/21/2014	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0084			<0.03	U		<0.0075	U	
		VMP-23-10-080514	8/5/2014	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.019			<0.032	U		<0.0079	U	
		VMP-23-10-102414	10/24/2014	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.012			<0.025	U		<0.0062	U	
		VMP-23-10-012715	1/27/2015	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0033	J		<0.024	U		<0.0062	U	
		VMP-23-10-042715	4/27/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0046	J		<0.029	U		<0.0074	ND,UJ	UJ
		VMP-23-10-072015	7/20/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.015			<0.027	ND,UJ	UJ	<0.0068	U	
		VMP-23-10-102615	10/26/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0031	J		<0.027	U		<0.0068	U	
		VMP-23-10-012516	1/25/2016	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0021	J		<0.025	U		<0.0063	U	
		VMP-23-10-062816	6/28/2016	<0.019	U		0.0049	J		<0.007	U		<0.013	U		<0.016	U		0.027			<0.031	U		<0.0079	U	
		VMP-23-10-072216	7/22/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0017	J		<0.03	U		<0.0076	U	
		VMP-23-10-101916	10/19/2016	0.0018	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
	25 ft	VMP-23-25-021511	2/15/2011	<0.0039	U		<0.0079	U		<0.0058	U		<0.011	U		<0.0033	U		<0.0062	U		<0.01	U		<0.0065	U	
		VMP-23-25-042111	4/21/2011	<0.04	U		<0.081	U		<0.059	U		<0.11	U		<0.14	U		<0.063	U		<0.11	U		<0.067	U	
		VMP-23-25-072711	7/27/2011	0.0077	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.012	U		<0.0075	U	
		VMP-23-25-110511	11/5/2011	<0.011	J	U	<0.0058	U		<0.0042	J	U	<0.0078	U		<0.0096	U		<0.0045	U		<0.0076	U		<0.0047	U	
		VMP-23-25-012512	1/25/2012	<0.01	U		<0.0052	U		<0.0038	U		<0.007	U		<0.0086	U		0.0027	J		<0.0068	U		<0.0042	U	
		VMP-23-25-040912	4/9/2012	0.0076	J		<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		0.0034	J		0.017	J		<0.0049	U	
		VMP-23-25-071012	7/10/2012	<0.015	U		<0.0077	U		<0.0056	J	U	<0.01	U		<0.013	U		0.0055	J		0.015	J		<0.0063	U	UJ
		VMP-23-25-100312	10/3/2012	<0.019	J	U	<0.0095	U		<0.007	J	U	<0.013	U		<0.016	U		0.0046	J		<0.031	U		<0.0078	U	
		VMP-23-25-012413	1/24/2013	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.017			<0.026	U		<0.0065	U	
		VMP-23-25-042213	4/22/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.004	J		<0.028	U		<0.0071	U	
		VMP-23-25-072313	7/23/2013	<0.017	J	U	<0.0087	U		0.0047	J		<0.012	U		<0.014	U		0.0046	J		<0.028	U		<0.0071	J	U
		VMP-23-25-102113	10/21/2013	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0039	J		<0.028	U		<0.007	J	U
		VMP-23-25-021314	2/13/2014	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.0017	J		<0.025	U		<0.0064	U	
		VMP-23-25-042114	4/21/2014	<0.019	J	U	<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		0.0096			<0.031	U		<0.0078	U	
		VMP-23-25-080514	8/5/2014	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.024			<0.029	U		<0.0073	U	
		VMP-23-25-102414	10/24/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.022			<0.027	U		<0.0068	U	
		VMP-23-25-012715	1/27/2015	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.011			<0.025	U		<0.0063	U	
		VMP-23-25-042715	4/27/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.019			<0.029	U		<0.0072	ND,UJ	UJ
		VMP-23-25-072015	7/20/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.027			<0.028	ND,UJ	UJ	<0.0071	U	
		VMP-23-25-102615	10/26/2015	0.0012	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.018			<0.028	U		<0.007	U	
		VMP-23-25-012516	1/25/2016	<0.018	J	U	<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.015			<0.029	U		<0.0073	U	
		VMP-23-25-062816	6/28/2016	<0.018	U		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		0.011			<0.03	U		<0.0076	U	
		VMP-23-25-072216	7/22/2016	0.0052	J		<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		0.0045	J		<0.03	U		<0.0076	U	
		VMP-23-25-101916	10/19/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.015			0.0048	J		<0.0073	U	
	40 ft	VMP-23-40-071012	7/10/2012	<0.013	U		<0.0065	U		<0.0047	J	U	<0.0088	U		<0.011	U		<0.005	U		<0.021	U		<0.0053	U	UJ
		VMP-23-40-100312	10/3/2012	<0.018	J	U	<0.0088	U		<0.0065	J	U	<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-23-40-012413	1/24/2013	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0069			<0.027	U		<0.0067	U	
		VMP-23-40-042213	4/22/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0053	J		<0.029	U		<0.0073	U	
		VMP-23-40-042213-Dup	4/22/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0056	J		<0.029	U		<0.0073	U	
		VMP-23-40-102113	10/21/2013	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.0043	J		0.00073	J		<0.0073	U	
		VMP-23-40-021314	2/13/2014	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0047	J		<0.027	U		<0.0068	U	
		VMP-23-40-042114	4/21/2014	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.0043	J		<0.026	U		<0.0066	U	
		VMP-23-40-080514	8/5/2014	0.0056	J		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0035	J		<0.026	U		<0.0066	U	
		VMP-23-40-102414	10/24/2014	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0041	J		0.0018	J		<0.0068	U	
		VMP-23-40-012715	1/27/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0032	J		<0.028	U		<0.0071	U	
		VMP-23-40-042715	4/27/2015	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.0033	J		<0.031	U		<0.0079	U	
		VMP-23-40-072015	7/20/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0032	J		0.0038	J	J	<0.0068	U	
		VMP-23-40-102615	10/26/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0024	J		<0.026	U		<0.0065	U	
		VMP-23-40-102615-DUP	10/26/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0029	J		<0.027	U		<0.0068	U	
		VMP-23-40-012516	1/25/2016	<0.015	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0033	J		<0.024	U		<0.0061	U	
		VMP-23-40-072216	7/22/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0019	J		<0.028	U		<0.0071	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-021611	2/16/2011	<0.0044	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.0037	U		<0.0069	U		<0.012	U		<0.0073	U	
		VMP-24-5-040811	4/8/2011	0.042	J		<0.095	U		<0.069	U		<0.13	U		<0.16	U		<0.073	U		<0.12	U		<0.078	U	
		VMP-24-5-072811	7/28/2011	0.037			<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		0.0049	J		<0.0073	U	
		VMP-24-5-110211	11/2/2011	<0.012	J	U	<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		<0.0046	U		<0.0077	U		<0.0048	U	
		VMP-24-5-110211-DUP	11/2/2011	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.011	U		<0.0067	U	
		VMP-24-5-012512	1/25/2012	<0.01	U		<0.0051	U		<0.0037	U		<0.0068	U		<0.0085	U		<0.0039	U		<0.0066	U		<0.0042	U	
		VMP-24-5-040912	4/9/2012	0.007	J		<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		0.011	J		<0.0049	U	
		VMP-24-5-071212	7/12/2012	<0.011	U		<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		0.0016	J		<0.0047	U	UJ
		VMP-24-5-101912	10/19/2012	<0.018	J	U	<0.0089	U		<0.0065	J	U	<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-24-5-012313	1/23/2013	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-24-5-050113	5/1/2013	<0.019	J	U	<0.0096	U		<0.007	J	U	<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-24-5-073113	7/31/2013	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-24-5-102113	10/21/2013	<0.017	U		0.00027	J		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		0.00044	J		<0.007	U	
		VMP-24-5-020614	2/6/2014	<0.014	J	U	<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-24-5-042114	4/21/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-24-5-072814	7/28/2014	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-24-5-102714	10/27/2014	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-24-5-020215	2/2/2015	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-24-5-042715	4/27/2015	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
		VMP-24-5-072115	7/21/2015	0.017			<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		0.0032	J		<0.0068	U	
		VMP-24-5-102915	10/29/2015	0.034			<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-24-5-012716	1/27/2016	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-24-5-042916	4/29/2016	0.0014	J		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-24-5-072716	7/27/2016	<0.018	J	U	<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	ND,UJ	UJ	<0.0077	U	
		VMP-24-5-102816	10/28/2016	<0.013	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		0.0013	J		<0.022	U		<0.0056	U	
	10 ft	VMP-24-10-021711	2/17/2011	<0.0042	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.0035	U		<0.0066	U		<0.011	U		<0.007	U	
		VMP-24-10-041111	4/11/2011	0.0049	J		<0.016	U		<0.012	U		<0.021	U		<0.026	U		<0.012	U		<0.021	U		<0.013	U	
		VMP-24-10-072811	7/28/2011	0.0037	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.011	U		<0.0071	U	
		VMP-24-10-110211	11/2/2011	<0.01	J	U	<0.0052	U		<0.0038	U		<0.007	U		<0.0086	U		<0.004	U		0.0016	J		<0.0042	U	
		VMP-24-10-012512	1/25/2012	<0.0096	U		<0.0049	U		<0.0036	U		<0.0066	U		<0.0082	U		<0.0038	U		<0.0064	U		<0.004	U	
		VMP-24-10-041012	4/10/2012	<0.011	U		<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U		<0.0047	U	
		VMP-24-10-071212	7/12/2012	<0.013	U		<0.0067	U		<0.0049	U		<0.009	U		<0.011	U		<0.0052	U		0.0097	J		<0.0055	U	UJ
		VMP-24-10-100912	10/9/2012	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-24-10-012313	1/23/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-24-10-042513	4/25/2013	<0.066	U		<0.033	U		<0.024	U		<0.045	U		<0.056	U		<0.026	U		<0.11	U		<0.027	U	
		VMP-24-10-073113	7/31/2013	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-24-10-102113	10/21/2013	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.00052	J		0.00073	J		<0.0072	U	
		VMP-24-10-020614	2/6/2014	<0.014	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-24-10-042114	4/21/2014	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-24-10-072814	7/28/2014	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-24-10-102714	10/27/2014	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0014	J		<0.025	U		<0.0062	U	
		VMP-24-10-020215	2/2/2015	<0.014	J	U	<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-24-10-042715	4/27/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-24-10-072115	7/21/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-24-10-102915	10/29/2015	0.0053	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-24-10-012716	1/27/2016	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-24-10-042916	4/29/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-24-10-072716	7/27/2016	0.0042	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	ND,UJ	UJ	<0.0072	U	
		VMP-24-10-102816	10/28/2016	<0.013	U		<0.0065	U		<0.0048	U		<0.0088	U		<0.011	U		<0.005	U		<0.021	U		<0.0054	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	<0.0042	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.0035	U		<0.0066	U		<0.011	U		<0.007	U	
		VMP-24-22-041111	4/11/2011	0.00074	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		0.0039	J		<0.0065	U	
		VMP-24-22-072811	7/28/2011	0.003	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.01	U		<0.0065	U	
		VMP-24-22-072811-Dup	7/28/2011	0.0028	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.012	U		<0.0075	U	
		VMP-24-22-110611	11/6/2011	<0.011	J	U	<0.0055	U		<0.004	J	U	<0.0074	U		<0.0092	U		<0.0043	J	U	<0.0072	U		<0.0045	U	
		VMP-24-22-012512	1/25/2012	<0.01	U		<0.0052	U		<0.0038	U		<0.007	U		<0.0086	U		<0.004	U		<0.0068	U		<0.0042	U	
		VMP-24-22-041012	4/10/2012	0.002	J		<0.0056	U		<0.0041	U		<0.0076	U		<0.0094	U		<0.0044	U		0.011	J		<0.0046	U	
		VMP-24-22-071212	7/12/2012	<0.014	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		0.0026	J		<0.0056	U	UJ
		VMP-24-22-100912	10/9/2012	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-24-22-012313	1/23/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-24-22-042513	4/25/2013	<0.017	J	U	<0.0085	U		<0.0062	J	U	<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-24-22-042513-Dup	4/25/2013	<0.018	J	U	<0.0093	U		<0.0068	J	U	<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-24-22-073113	7/31/2013	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-24-22-102213	10/22/2013	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.00029	J		0.0015	J		<0.0065	U	
		VMP-24-22-020614	2/6/2014	<0.015	J	U	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-24-22-042114	4/21/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-24-22-072814	7/28/2014	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-24-22-102714	10/27/2014	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0055	J		0.0081	J		<0.0068	U	
		VMP-24-22-020215	2/2/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-24-22-042715	4/27/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-24-22-072115	7/21/2015	<0.016	J	UJ	<0.0083	U	UJ	<0.0061	U	UJ	<0.011	U	UJ	<0.014	U	UJ	<0.0064	U	UJ	<0.027	U	UJ	<0.0068	U	UJ
		VMP-24-22-082415	8/24/2015	<0.018	J	U	<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-24-22-082415-DUP	8/24/2015	0.0061	J		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-24-22-102915	10/29/2015	0.012	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-24-22-012716	1/27/2016	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-24-22-042916	4/29/2016	0.0018	J		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-24-22-072716	7/27/2016	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	ND,UJ	UJ	<0.0075	U	
		VMP-24-22-102816	10/28/2016	0.0047	J		<0.0069	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.023	U		<0.0057	U	
	34 ft	VMP-24-34-021711	2/17/2011	<0.0042	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.0035	U		<0.0066	U		0.0036	J		<0.007	U	
		VMP-24-34-041111	4/11/2011	<0.015	U		<0.0076	U		<0.0056	U		0.0027	J		<0.013	U		0.00071	J		<0.01	U		<0.0063	U	
		VMP-24-34-072811	7/28/2011	0.0042	J		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.0088	U		<0.0055	U	
		VMP-24-34-110611	11/6/2011	<0.0085	J	U	<0.0043	U		<0.0031	J	U	<0.0058	U		<0.0072	U		<0.0033	U		<0.0056	U		<0.0035	U	
		VMP-24-34-012512	1/25/2012	<0.01	U		<0.0053	U		<0.0039	U		<0.0072	U		<0.0089	U		0.00092	J		<0.0069	U		<0.0043	U	
		VMP-24-34-041012	4/10/2012	0.0021	J		<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		<0.0046	U		0.01	J		<0.0048	U	
		VMP-24-34-071212	7/12/2012	<0.011	U		<0.0056	U		<0.0041	U		<0.0076	U		<0.0094	U		<0.0044	U		<0.018	U		<0.0046	U	UJ
		VMP-24-34-100912	10/9/2012	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-24-34-012313	1/23/2013	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-24-34-050613	5/6/2013	<0.02	J	U	<0.01	U		<0.0074	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		<0.0083	J	U
		VMP-24-34-073113	7/31/2013	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-24-34-073113-Dup	7/31/2013	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-24-34-102213	10/22/2013	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.00036	J		0.00034	J		<0.0071	U	
		VMP-24-34-020614	2/6/2014	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-24-34-042114	4/21/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-24-34-072814	7/28/2014	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0017	J		<0.028	U		<0.0071	U	
		VMP-24-34-072814-DUP	7/28/2014	0.0017	J		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-24-34-102714	10/27/2014	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-24-34-102714-DUP	10/27/2014	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-24-34-020215	2/2/2015	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-24-34-020215-DUP	2/2/2015	<0.014	J	U	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-24-34-042715	4/27/2015	<0.022	U		<0.011	U		<0.0081	U		<0.015	U		<0.018	U		<0.0086	U		<0.036	U		<0.0091	U	
		VMP-24-34-072115	7/21/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-24-34-072115-DUP	7/21/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-24-34-102915	10/29/2015	0.0055	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-24-34-012716	1/27/2016	<0.019	J	U	<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-24-34-042916	4/29/2016	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-24-34-072716	7/27/2016	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	ND,UJ	UJ	<0.007	U	
		VMP-24-34-072716-DUP	7/27/2016	0.0063	J		<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	ND,UJ	UJ	<0.0057	U	
		VMP-24-34-102816	10/28/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-24-34-102816-Dup	10/28/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	0.0047	J		<0.076	U		1			<0.1	U		<0.13	U		0.048	J		<0.1	U		<0.063	U	
		VMP-25-5-040811	4/8/2011	0.019	J		<0.035	U		0.0043	J		<0.047	U		<0.058	U		<0.027	U		<0.045	U		<0.028	U	
		VMP-25-5-080911	8/9/2011	0.0095	J		<0.0073	U		<0.0054	J	U	<0.0099	U		<0.012	U		0.0021	J		<0.0096	U		<0.006	J	U
		VMP-25-5-111711	11/17/2011	0.0023	J		<0.0053	U		<0.0039	U		<0.0072	U		<0.0089	U		0.0017	J		<0.0069	U		<0.0043	U	
		VMP-25-5-013112	1/31/2012	0.006	J		<0.038	U		0.0072	J		<0.052	U		<0.064	U		<0.03	U		<0.05	U		<0.032	U	
		VMP-25-5-042512	4/25/2012	<0.012	J	U	<0.006	U		<0.0044	J	U	<0.0081	U		<0.01	U		0.0036	J		<0.02	U		<0.0049	U	
		VMP-25-5-072612	7/26/2012	<0.041	U		<0.021	U		0.0087	J		<0.028	U		<0.035	U		0.02			<0.068	U		<0.017	U	
		VMP-25-5-102612	10/26/2012	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.004	J		<0.028	U		<0.007	U	
		VMP-25-5-030613	3/6/2013	<0.016	J	U	<0.0081	U		<0.0059	J	U	<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	J	U
		VMP-25-5-051713	5/17/2013	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-25-5-081513	8/15/2013	<0.021	J	U	<0.01	U		<0.0076	U		<0.014	U		<0.018	U		0.0048	J		<0.034	U		<0.0086	J	U
		VMP-25-5-081513-Dup	8/15/2013	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.004	J		<0.029	UJ	UJ	<0.0072	U	
		VMP-25-5-111313	11/13/2013	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0018	J		<0.027	U		<0.0068	U	
		VMP-25-5-050114	5/1/2014	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0017	J		<0.028	U		<0.0071	U	
		VMP-25-5-081414	8/14/2014	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0024	J		<0.029	U		<0.0073	U	
		VMP-25-5-110514	11/5/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0014	J		<0.026	U	UJ	<0.0065	U	
		VMP-25-5-021115	2/11/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-25-5-050715	5/7/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-25-5-073015	7/30/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0017	J		<0.028	U		<0.0071	U	
		VMP-25-5-110515	11/5/2015	<0.016	J	U	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.0016	J		<0.027	U		<0.0067	U	
		VMP-25-5-021616	2/16/2016	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-25-5-050416	5/4/2016	0.015	J		<0.15	U		<0.11	U		<0.21	U		<0.26	U		<0.12	U		<0.5	U	UJ	<0.13	U	
		VMP-25-5-080316	8/3/2016	0.0016	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.0036	J		<0.032	U		<0.008	U	
		VMP-25-5-103116	10/31/2016	0.0025	J		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
	21 ft	VMP-25-21-031511	3/15/2011	6.3	J		<15	U		29		J	<20	U		3.7	J		<12	U		<20	U		<12	U	
		VMP-25-21-031511-DUP	3/15/2011	9	J		<19	U		44		J	<26	U		<32	U		<15	U		<25	U		<16	U	
		VMP-25-21-040811	4/8/2011	61	J		<160	U		<120	U		<210	U		<260	U		<120	U		<210	U		<130	U	
		VMP-25-21-040811-DUP	4/8/2011	57	J		<160	U		<120	U		<220	U		<270	U		<120	U		<210	U		<130	U	
		VMP-25-21-080911	8/9/2011	<26	U		<52	U		<38	U		<70	U		<87	U		<40	U		<68	U		<43	U	
		VMP-25-21-111711	11/17/2011	<140	U		<71	U		<52	U		<96	U		<120	U		9.8	J		<93	U		<58	U	
		VMP-25-21-111711-DUP	11/17/2011	<210	U		<100	U		<76	U		<140	U		<180	U		<81	U		<140	U		<86	U	
		VMP-25-21-013112	1/31/2012	<18	U		<37	U		<27	U		<50	U		<62	U		<28	U		<48	U		<120	U	
		VMP-25-21-013112-DUP	2/1/2012	<17	U		<34	U		<25	U		<46	U		<58	U		<27	U		<45	U		<110	U	
		VMP-25-21-042512	4/25/2012	<12	U		<23	U		<17	U		<32	U		<39	U		<18	U		62			<77	U	
		VMP-25-21-072612	7/26/2012	3	J		<40	U		<29	U		<54	U		<66	U		<31	U		<52	U		<33	U	
		VMP-25-21-102612	10/26/2012	<120	U		<240	U		<170	U		<320	U		<400	U		<180	U		<310	U		<200	U	
		VMP-25-21-030613	3/6/2013	31	J		<60	U		<44	U		<82	U		<100	U		<47	U		<200	U		<50	U	
		VMP-25-21-051713	5/17/2013	<21	U		<43	U		<31	U		<58	U		<72	U		<33	U		<56	U		<35	U	
		VMP-25-21-081513	8/15/2013	<11	U		<22	U		<16	U		<29	U		<36	U		<17	U		<28	U		<18	U	
		VMP-25-21-111313	11/13/2013	<110	U		<57	U		<42	U		<78	U		<96	U		<44	U		<190	U		<47	U	
		VMP-25-21-111313-Dup	11/13/2013	<110	U		<57	U		<42	U		<78	U		<96	U		<44	U		<190	U		<47	U	
		VMP-25-21-050114	5/1/2014	8.8	J		<40	U		<29	U		<54	U		<66	U		<31	U		<130	U		<33	U	
		VMP-25-21-081414	8/14/2014	<4.1	U	UJ	<8.3	U		<6	U		<11	U		<14	U	UJ	<6.4	U		<11	U	UJ	<6.8	U	
		VMP-25-21-110514	11/5/2014	<1.3	U		<2.6	U		<1.9	U		<3.5	U		<4.3	U		<2	U		<3.4	U		<2.1	U	
		VMP-25-21-021115	2/11/2015	<1.9	U		<3.9	U		<2.8	U		<5.3	U		<6.5	U		<3	U		<5.1	U		<3.2	U	
		VMP-25-21-050715	5/7/2015	2	J		<7.6	U		<5.5	U		<10	U		<13	U		<5.9	U		<25	U		<6.2	U	
		VMP-25-21-073015	7/30/2015	<1	U		<2	U		<1.5	U		<2.7	U		<3.4	U		<1.6	U		<2.6	U		<1.7	U	
		VMP-25-21-110515	11/5/2015	<0.89	U		<1.8	U		<1.3	U		<2.4	U		<3	U		<1.4	U		<2.4	U		<1.5	U	UJ
		VMP-25-21-050416	5/4/2016	<0.047	U		<0.095	U		<0.07	U		<0.13	U		<0.16	U		<0.074	U		<0.12	U		<0.078	U	
		VMP-25-21-080316	8/3/2016	0.0012	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0018	J		<0.029	U		<0.0073	U	
		VMP-25-21-103116	10/31/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-25-21-103116-Dup	10/31/2016	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	31 ft	VMP-25-31-030613	3/6/2013	<40	U		<80	U		<58	U		<110	U		11	J		7.3	J		<100	U		<66	U	
		VMP-25-31-081513	8/15/2013	<21	U		<42	U		<31	U		<57	U		<70	U		<32	U		<55	U		<34	U	
		VMP-25-31-111313	11/13/2013	<120	U		<59	U		<44	U		<80	U		<100	U		<46	U		<200	U		<49	U	
		VMP-25-31-050114	5/1/2014	6.8	J		<36	U		<27	U		<49	U		<61	U		<28	U		<120	U		<30	U	
		VMP-25-31-081414	8/14/2014	<4.5	U	UJ	<9.1	U		<6.6	U		<12	U		<15	U	UJ	<7	U		<12	U	UJ	<7.4	U	
		VMP-25-31-110514	11/5/2014	<2	U		<4.2	U		<3	U		<5.6	U		<7	U		<3.2	U		<5.4	U		<3.4	U	
		VMP-25-31-021115	2/11/2015	<1.8	U		<3.7	U		<2.7	U		<5	U		<6.2	U		<2.9	U		<4.9	U		<3	U	
		VMP-25-31-021115-DUP	2/11/2015	<1.8	U		<3.7	U		<2.7	U		<5	U		<6.2	U		<2.8	U		<4.8	U		<3	U	
		VMP-25-31-050715	5/7/2015	1.9	J		<10	U		<7.5	U		<14	U		<17	U		<7.9	U		<34	U		<8.4	U	
		VMP-25-31-050715-DUP	5/7/2015	2.7	J		<9.9	U		<7.2	U		<13	U		<16	U		<7.7	U		<32	U		<8.1	U	
		VMP-25-31-073015	7/30/2015	<1.2	U		<2.4	U		<1.7	U		<3.2	U		<4	U		<1.8	U		<3.1	U		<2	U	
		VMP-25-31-073015-DUP	7/30/2015	<1	U		<2.1	U		<1.5	U		<2.8	U		<3.5	U		<1.6	U		<2.7	U		<1.7	U	
		VMP-25-31-110515	11/5/2015	<0.84	U		<1.7	U		<1.2	U		<2.3	U		<2.9	U		<1.3	U		<2.2	U		<1.4	U	UJ
		VMP-25-31-021616	2/16/2016	0.49	J		<2.6	U		<1.9	U		<3.5	U		<4.3	U		<2	U		<3.4	U		<2.1	U	
		VMP-25-31-021616-DUP	2/16/2016	<2	U		<4	U		<2.9	U		<5.4	U		<6.8	U		<3.1	U		<5.3	U		<3.3	U	
		VMP-25-31-050416	5/4/2016	<8.7	U		<4.4	U		<3.2	U		<6	U		<7.4	U		<3.4	U		<14	U		<3.6	U	
		VMP-25-31-080316	8/3/2016	0.014	J		<0.17	U		<0.12	U		<0.23	U		<0.28	U		<0.13	U		<0.56	U		<0.14	U	
		VMP-25-31-080316-DUP	8/3/2016	0.017	J		<0.15	U		<0.11	U		<0.2	U		<0.25	U		<0.12	U		<0.49	U		<0.12	U	
		VMP-25-31-103116	10/31/2016	<0.15	U		<0.076	U		<0.056	U		<0.1	U		<0.13	U		<0.059	U		<0.1	U		<0.063	U	
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	0.39			<0.067	U		<0.049	U		<0.09	U		<0.11	U		<0.052	U		<0.22	U		<0.055	U	
		VMP-29-10-100812	10/8/2012	0.15	J		<0.12	U		<0.086	U		<0.16	U		<0.2	U		<0.092	U		<0.39	U		<0.097	U	
		VMP-29-10-020613	2/6/2013	0.021			<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-29-10-050613	5/6/2013	0.027			<0.0086	U		<0.0063	J	U	<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	J	U
		VMP-29-10-080513	8/5/2013	0.054			<0.0084	U		<0.0061	J	U	<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	J	U
		VMP-29-10-083013	8/30/2013	0.1			<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		0.0029	J		<0.0077	U	
		VMP-29-10-102513	10/25/2013	0.0077	J		0.00025	J		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		0.00029	J		<0.007	U	
		VMP-29-10-021214	2/12/2014	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-29-10-042914	4/29/2014	0.0085	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-29-10-081214	8/12/2014	0.028			<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-29-10-110314	11/3/2014	0.0097	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-29-10-020515	2/5/2015	0.0044	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-29-10-050615	5/6/2015	0.012	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		0.0022	J	J	<0.0074	U	
		VMP-29-10-072715	7/27/2015	0.017			<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-29-10-103015	10/30/2015	0.0069	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-29-10-012716	1/27/2016	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-29-10-050216	5/2/2016	0.01	J		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-29-10-072816	7/28/2016	0.058			<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-29-10-120916	12/9/2016	0.0087	J		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
	20 ft	VMP-29-20-073012	7/30/2012	0.83			<0.79	U		<0.58	U		<1.1	U		<1.3	U		<0.61	U		<1	U		<0.65	U	
		VMP-29-20-073012-Dup	7/30/2012	0.74			<0.74	U		<0.54	U		<1	U		<1.2	U		<0.57	U		<0.97	U		<0.6	U	
		VMP-29-20-100812	10/8/2012	0.23	J		<0.12	U		<0.086	U		<0.16	U		<0.2	U		<0.092	U		<0.39	U		<0.097	U	
		VMP-29-20-020613	2/6/2013	0.035			<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-29-20-050613	5/6/2013	0.082			<0.035	U		<0.026	U		<0.047	U		<0.058	U		<0.027	U		<0.11	U		<0.029	U	
		VMP-29-20-080513	8/5/2013	0.091			<0.044	U		<0.032	U		<0.06	U		<0.074	U		<0.034	U		<0.14	U		<0.036	U	UJ
		VMP-29-20-102513	10/25/2013	0.026	J		<0.015	U		<0.011	U		<0.02	U		<0.024	U		<0.011	U		<0.048	U		<0.012	U	
		VMP-29-20-021214	2/12/2014	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-29-20-042914	4/29/2014	0.0086	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-29-20-081214	8/12/2014	0.051			<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		0.0075	J		<0.0074	U	
		VMP-29-20-110314	11/3/2014	0.012	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-29-20-020515	2/5/2015	0.0071	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-29-20-050615	5/6/2015	0.011	J		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-29-20-072715	7/27/2015	0.0096	J		<0.011	U		<0.0082	U		<0.015	U		<0.019	U		<0.0087	U		<0.037	U		<0.0092	U	
		VMP-29-20-103015	10/30/2015	<0.017	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
	18 ft	VMP-29-20-020416-R	2/4/2016	0.0095	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-29-20-050216	5/2/2016	0.022			<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		0.0048	J		<0.0068	U	
		VMP-29-20-072816	7/28/2016	0.081			<0.018	U		<0.013	U		<0.024	U		<0.03	U		<0.014	U		<0.058	U		<0.014	U	
		VMP-29-18-110316	11/3/2016	0.086			<0.016	U		<0.012	U		<0.022	U		<0.028	U		<0.013	U		<0.054	U		<0.014	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	26 ft	VMP-29-30-073012	7/30/2012	0.32			<0.13	U		<0.095	U		<0.18	U		<0.22	U		0.02	J		<0.17	U		<0.11	U	
		VMP-29-30-100812	10/8/2012	1.5			<0.58	U		<0.42	U		<0.79	U		<0.98	U		<0.45	U		<1.9	U		<0.48	U	
		VMP-29-30-020613	2/6/2013	0.1			<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0056	J		<0.03	U		<0.0075	U	
		VMP-29-30-050613	5/6/2013	0.088			<0.03	U		<0.022	U		<0.041	U		<0.051	U		0.0052	J		<0.099	U		<0.025	U	
		VMP-29-30-080513	8/5/2013	0.19			<0.046	U		<0.034	U		<0.062	U		<0.077	U		<0.036	U		<0.15	U		<0.038	U	UJ
		VMP-29-30-080513-Dup	8/5/2013	0.2			<0.075	U		<0.055	U		<0.1	U		<0.12	U		<0.058	U		<0.24	U		<0.062	U	UJ
		VMP-29-30-102513	10/25/2013	0.068			<0.012	U		<0.0085	U		<0.016	U		<0.02	U		0.001	J		<0.038	U		<0.0096	U	
		VMP-29-30-021214	2/12/2014	<0.014	U		<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		0.001	J		<0.024	U		<0.006	U	
		VMP-29-30-042914	4/29/2014	0.017			<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-29-30-081214	8/12/2014	0.2			<0.062	U		<0.045	U		<0.084	U		<0.1	U		<0.048	U		<0.2	U		<0.051	U	
		VMP-29-30-111214-R	11/12/2014	<0.015	J	U	<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		0.0019	J		<0.0064	ND,UJ	UJ
		VMP-29-30-111214-R-DUP	11/12/2014	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	ND,UJ	UJ
		VMP-29-30-020615	2/6/2015	0.0058	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-29-30-050615	5/6/2015	0.0078	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-29-30-050615-DUP	5/6/2015	0.003	J		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-29-30-080315	8/3/2015	0.011	J		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-29-30-103015	10/30/2015	0.0039	J		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.002	J		0.0032	J		<0.0062	U	
		VMP-29-30-012716	1/27/2016	0.014	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-29-30-050216	5/2/2016	0.017	J		<0.03	U		<0.022	U		<0.041	U		<0.051	U		<0.024	U		<0.1	U		<0.025	U	
		VMP-29-30-072816	7/28/2016	0.069			<0.021	U		<0.015	U		<0.028	U		<0.034	U		<0.016	U		<0.068	U		<0.017	U	
		VMP-29-26-110316	11/3/2016	0.05			<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-29-26-110316-Dup	11/3/2016	0.049			<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
VMP-30	10 ft	VMP-30-10-073012	7/30/2012	0.2			<0.24	U		<0.17	U		<0.32	U		<0.39	U		<0.18	U		<0.31	U		<0.19	U	
		VMP-30-10-100812	10/8/2012	0.02			<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-30-10-020613	2/6/2013	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-30-10-050613	5/6/2013	0.033			<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.029	U		<0.0074	J	U
		VMP-30-10-080513	8/5/2013	0.11			<0.017	U		<0.013	J	U	<0.024	U		<0.029	U		<0.014	U		<0.057	U		<0.014	U	
		VMP-30-10-102813	10/28/2013	0.016	J		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-30-10-021214	2/12/2014	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.029	U		<0.0074	U	
		VMP-30-10-042914	4/29/2014	0.016			<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-30-10-080814	8/8/2014	0.025			<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-30-10-110414	11/4/2014	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-30-10-020615	2/6/2015	0.003	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-30-10-050515	5/5/2015	<0.014	J	U	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-30-10-072715	7/27/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		0.0032	J		<0.0067	U	
		VMP-30-10-103015	10/30/2015	0.0073	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		0.0026	J		<0.0065	U	
		VMP-30-10-020416	2/4/2016	0.0013	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-30-10-050216	5/2/2016	0.0032	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	UJ	<0.0067	U	
		VMP-30-10-072816	7/28/2016	0.056	J		<0.035	U		<0.025	U		<0.047	U		<0.058	U		<0.027	U		<0.11	U		<0.028	U	
		VMP-30-10-110316	11/3/2016	0.007	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
	18 ft	VMP-30-20-073012	7/30/2012	0.83			<1	U		<0.73	U		<1.4	U		<1.7	U		<0.78	U		<1.3	U		<0.82	U	
		VMP-30-20-100812	10/8/2012	1.1			<0.36	U		<0.27	U		<0.49	U		<0.61	U		<0.28	U		<1.2	U		<0.3	U	
		VMP-30-20-020613	2/6/2013	0.077			<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.012			<0.027	U		<0.0068	J	U
		VMP-30-20-050613	5/6/2013	0.12	J		<0.087	U		<0.064	U		<0.12	U		<0.15	U		<0.068	U		<0.29	U		<0.072	U	
		VMP-30-20-080513	8/5/2013	0.096			<0.035	U		<0.026	U		<0.048	U		<0.059	U		<0.027	U		<0.12	U		<0.029	U	UJ
		VMP-30-20-102813	10/28/2013	0.043			<0.012	U		<0.009	U		<0.016	U		<0.02	U		<0.0095	U		<0.04	U		<0.01	U	
		VMP-30-20-021214	2/12/2014	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-30-20-042914	4/29/2014	0.0081	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-30-20-080814	8/8/2014	0.015	J		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-30-20-110414	11/4/2014	0.0079	J		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-30-20-020615	2/6/2015	0.012	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-30-20-050515	5/5/2015	0.0049	J		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-30-20-072715	7/27/2015	0.04	J		<0.021	U		<0.015	U		<0.028	U		<0.035	U		<0.016	U		0.0068	J		<0.017	U	
		VMP-30-20-103015	10/30/2015	0.023			<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-30-20-012716	1/27/2016	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-30-20-050216	5/2/2016	0.0051	J		<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U	UJ	<0.0078	U	
		VMP-30-20-072816	7/28/2016	0.084			<0.038	U		<0.028	U		<0.052	U		<0.064	U		<0.03	U		<0.12	U		<0.032	U	
		VMP-30-18-110316	11/3/2016	0.012	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0015	J		<0.027	U		<0.0068	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-30	26 ft	VMP-30-30-073012	7/30/2012	0.31	J		<1	U		<0.75	U		<1.4	U		<1.7	U		<0.8	U		<1.4	U		<0.85	U	
		VMP-30-30-100812	10/8/2012	1.2	J		<0.76	U		<0.55	U		<1	U		<1.3	U		<0.59	U		<2.5	U		<0.62	U	
		VMP-30-30-020613	2/6/2013	0.1			<0.028	U		<0.02	U		<0.037	U		<0.046	U		0.01	J		<0.091	U		<0.023	U	
		VMP-30-30-050613	5/6/2013	0.14			<0.05	U		<0.036	U		<0.067	U		<0.083	U		<0.038	U		<0.16	U		<0.041	U	
		VMP-30-30-081413	8/14/2013	0.063			<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	UJ	UJ	<0.0077	U	
		VMP-30-30-102813	10/28/2013	0.081			<0.032	U		<0.023	U		<0.043	U		<0.054	U		<0.025	U		<0.1	U		<0.026	U	
		VMP-30-30-021214	2/12/2014	<1.2	U		<0.6	U		<0.44	U		<0.82	U		<1	U		<0.47	U		<2	U		<0.5	U	
		VMP-30-30-042914	4/29/2014	0.034	J		<0.2	U		<0.14	U		<0.26	U		<0.33	U		<0.15	U		<0.64	U		<0.16	U	
		VMP-30-30-042914-DUP	4/29/2014	0.052	J		<0.21	U		<0.15	U		<0.28	U		<0.35	U		<0.16	U		<0.69	U		<0.17	U	
		VMP-30-30-080814	8/8/2014	0.065			<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-30-30-110414	11/4/2014	0.053			<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		0.0044	J		<0.0061	U	
		VMP-30-30-020615	2/6/2015	0.01	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-30-30-050515	5/5/2015	0.0056	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-30-30-050515-DUP	5/5/2015	0.0058	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-30-30-072715	7/27/2015	0.055			<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		0.0034	J		<0.0076	U	
		VMP-30-30-103015	10/30/2015	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		0.0038	J		<0.0062	U	
		VMP-30-30-012716	1/27/2016	0.016			<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-30-30-050216	5/2/2016	0.016	J		<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U	UJ	<0.0078	U	
		VMP-30-30-072816	7/28/2016	0.14	J		<0.076	U		<0.056	U		<0.1	U		<0.13	U		<0.059	U		<0.25	U		<0.063	U	
		VMP-30-30-072816-DUP	7/28/2016	0.11	J		<0.06	U		<0.044	U		<0.082	U		<0.1	U		<0.047	U		<0.2	U		<0.05	U	
		VMP-30-26-110316	11/3/2016	0.029			<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	0.0085	J		<0.006	U		<0.0044	J	U	<0.0081	U		<0.01	U		<0.0047	U		<0.02	U		<0.0049	U	
		VMP-31-5-072012	7/20/2012	0.045			<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		0.0036	J		<0.0049	U	
		VMP-31-5-102612	10/26/2012	<0.017	U		<0.0087	U		0.0015	J		<0.012	U		<0.014	U		<0.0067	U		0.004	J		0.0022	J	
		VMP-31-5-021113	2/11/2013	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-31-5-051513	5/15/2013	<0.018	U		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	J	U
		VMP-31-5-022614	2/26/2014	<0.014	U		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
	10 ft	VMP-31-10-042512	4/25/2012	<0.016	J	U	<0.008	U		<0.0059	J	U	<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-31-10-072612	7/26/2012	<0.012	J	U	<0.0061	U		<0.0045	J	U	<0.0083	U		<0.01	U		0.0031	J		<0.02	U		<0.005	U	
		VMP-31-10-102612	10/26/2012	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-31-10-021313	2/13/2013	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-31-10-051713	5/17/2013	0.0054	J		<0.01	U		<0.0074	U		<0.014	U		<0.017	U		<0.0079	U		<0.033	U		<0.0083	J	U
		VMP-31-10-111313	11/13/2013	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-31-10-022714	2/27/2014	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
	20 ft	VMP-31-20-101912	10/19/2012	<4.3	U		<8.7	U		<6.4	U		<12	U		<14	U		<6.7	U		<11	U		<7.1	U	
		VMP-31-20-021113	2/11/2013	<0.061	U		<0.12	U		<0.091	U		<0.17	U		<0.21	U		<0.096	U		<0.16	U		<0.1	U	
		VMP-31-20-111213	11/12/2013	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
	30 ft	VMP-31-30-042512	4/25/2012	0.58	J		<3.1	U		<2.2	U		<4.2	U		<5.2	U		<2.4	U		<4	U		<10	U	
		VMP-31-30-042512-Dup	4/25/2012	0.61	J		<3.1	U		<2.2	U		<4.2	U		<5.2	U		<2.4	U		<4	U		<10	U	
		VMP-31-30-072012	7/20/2012	<1.2	U		<0.6	U		<0.44	U		<0.81	U		<1	U		<0.47	U		<2	U		<0.49	U	
		VMP-31-30-101912	10/19/2012	0.025	J		<0.54	U		<0.4	U		<0.73	U		<0.91	U		<0.42	U		<0.71	U		<0.44	U	
		VMP-31-30-021113	2/11/2013	<4.4	U		<8.9	U		<6.5	U		<12	U		<15	U		<6.9	U		<12	U		<7.3	U	
		VMP-31-30-050713	5/7/2013	<150	U		<75	U		<55	U		<100	U		<120	U		<58	U		<240	U		<62	U	
		VMP-31-30-080913	8/9/2013	<0.02	J	U	<0.0099	U		<0.0072	J	U	<0.013	U		<0.016	U		<0.0077	U		0.0041	J		<0.0081	U	
		VMP-31-30-111213	11/12/2013	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-31-30-022614	2/26/2014	<19	U		<39	U		<28	U		<52	U		<65	U		<30	U		<51	U		<32	U	
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	<0.012	J	U	<0.0059	U		<0.0043	J	U	<0.008	U		<0.0099	U		<0.0046	U		<0.019	U		<0.0048	U	
		VMP-32-5-072012	7/20/2012	0.0036	J		<0.0053	U		0.0014	J		<0.0072	U		<0.0089	U		<0.0041	U		0.0022	J		<0.0043	U	
		VMP-32-5-101812	10/18/2012	<0.02	U		<0.01	U		0.0044	J		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		<0.0082	U	
		VMP-32-5-020513	2/5/2013	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-32-5-050713	5/7/2013	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-32-5-080213	8/2/2013	<0.02	U		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0077	U		<0.033	U		<0.0082	U	
		VMP-32-5-110813	11/8/2013	0.0029	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-32-5-050114	5/1/2014	<0.014	J	U	<0.007	U		<0.0051	U		<0.0095	U		<0.012	U		<0.0054	U		<0.023	U		<0.0058	U	
		VMP-32-5-081314	8/13/2014	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-32-5-110714	11/7/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-32-5-021015	2/10/2015	<0.013	U		<0.0065	U		<0.0047	U		<0.0088	U		<0.011	U		<0.005	U		<0.021	U		<0.0053	U	
		VMP-32-5-073115	7/31/2015	<0.017	J	UJ	<0.0088	U	UJ	<0.0064	U	UJ	<0.012	U	UJ	<0.015	U	UJ	<0.0068	U	UJ	<0.029	U	UJ	<0.0072	U	UJ
		VMP-32-5-082415	8/24/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-32-5-110415	11/4/2015	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-32-5-012616	1/26/2016	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-32-5-042716	4/27/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0016	J		<0.028	U		<0.0071	U	
		VMP-32-5-072616	7/26/2016	0.0035	J		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		0.0056	J		<0.03	ND,UJ	UJ	<0.0075	U	
		VMP-32-5-102716	10/27/2016	0.0088	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0031	J		<0.025	U		<0.0063	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	10 ft	VMP-32-10-041612	4/16/2012	<0.011	J	U	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		<0.0042	U		0.0016	J		<0.0044	U	
		VMP-32-10-072012	7/20/2012	<0.012	U		<0.0062	U		0.0019	J		<0.0083	U		<0.01	U		<0.0048	U		0.0013	J		<0.0051	U	
		VMP-32-10-101812	10/18/2012	0.007	J		<0.0093	U		0.0025	J		<0.013	U		<0.016	U		<0.0072	U		0.003	J		<0.0077	U	
		VMP-32-10-020513	2/5/2013	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-32-10-050713	5/7/2013	<0.018	J	U	<0.0089	U		<0.0065	J	U	<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	J	U
		VMP-32-10-080213	8/2/2013	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-32-10-082313-R	8/23/2013	<0.018	U		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-32-10-082313-R-DUP	8/23/2013	<0.02	U		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0077	U		<0.033	U		<0.0082	U	
		VMP-32-10-110813	11/8/2013	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-32-10-022814	2/28/2014	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-32-10-050114	5/1/2014	<0.014	J	U	<0.0069	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.023	U		<0.0057	U	
		VMP-32-10-081314	8/13/2014	<0.018	J	U	<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-32-10-110714	11/7/2014	0.021			<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0014	J		<0.025	U		<0.0063	U	
		VMP-32-10-021015	2/10/2015	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-32-10-051115	5/11/2015	0.0021	J	J	<0.0099	U	UJ	<0.0073	U	UJ	<0.013	U	UJ	<0.017	U	UJ	<0.0077	U	UJ	<0.033	U	UJ	<0.0082	U	UJ
		VMP-32-10-052915-R	5/29/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	ND,UJ	UJ	<0.0073	U	
		VMP-32-10-110415	11/4/2015	0.0018	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0042	J		<0.028	U		<0.007	U	
		VMP-32-10-012616	1/26/2016	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0043	J		<0.027	U		<0.0068	U	
		VMP-32-10-042716	4/27/2016	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0057	J		<0.026	U		<0.0064	U	
		VMP-32-10-072616	7/26/2016	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0096			<0.027	ND,UJ	UJ	<0.0068	U	
		VMP-32-10-102716	10/27/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0079			<0.027	U		<0.0067	U	
	20 ft	VMP-32-20-041612	4/16/2012	0.34			<0.12	U		<0.09	U		<0.17	U		<0.21	U		<0.096	U		<0.4	U		<0.1	U	
		VMP-32-20-072012	7/20/2012	<0.012	U		<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		0.0064	J		<0.0049	U	
		VMP-32-20-101812	10/18/2012	<0.017	U		<0.0087	U		0.0025	J		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-32-20-020513	2/5/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0013	J		<0.029	U		<0.0073	U	
		VMP-32-20-050713	5/7/2013	<0.019	J	U	<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		0.0018	J		<0.032	U		<0.008	U	
		VMP-32-20-050713-Dup	5/7/2013	<0.018	J	U	<0.0089	U		<0.0065	J	U	<0.012	U		<0.015	U		0.0022	J		<0.029	U		<0.0074	J	U
		VMP-32-20-080213	8/2/2013	<0.019	U		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.0038	J		<0.031	U		<0.0077	U	
		VMP-32-20-110813	11/8/2013	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0024	J		<0.03	U		<0.0074	U	
		VMP-32-20-022814	2/28/2014	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.0045	J		<0.024	U		<0.006	U	
		VMP-32-20-050514	5/5/2014	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.0041	J		<0.024	U		<0.006	U	
		VMP-32-20-081314	8/13/2014	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0026	J		0.0048	J		<0.0069	U	
		VMP-32-20-110714	11/7/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0024	J		<0.028	U		<0.0071	U	
		VMP-32-20-021015	2/10/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-32-20-051115	5/11/2015	<0.017	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-32-20-080315	8/3/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-32-20-110415	11/4/2015	0.01	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		0.0033	J		<0.0068	U	
		VMP-32-20-110415-DUP	11/4/2015	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-32-20-021616	2/16/2016	<0.014	J	U	<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-32-20-042716	4/27/2016	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-32-20-082616-R	8/29/2016	0.0035	J		<0.011	U		<0.008	U		<0.015	U		<0.018	U		<0.0084	U		<0.036	U		<0.009	U	
		VMP-32-20-102716	10/27/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
	30 ft	VMP-32-30-041612	4/16/2012	<1.4	U		<2.9	U		<2.2	U		<4	U		<4.9	U		<2.3	U		<3.9	U		<2.4	U	
		VMP-32-30-072012	7/20/2012	<3	U		<6.1	U		<4.4	U		<8.2	U		<10	U		<4.7	U		<8	U		<5	U	
		VMP-32-30-101812	10/18/2012	<0.17	U		<0.35	U		<0.25	U		<0.47	U		<0.58	U		<0.27	U		<0.45	U		<0.28	U	
		VMP-32-30-020513	2/5/2013	<0.18	U		<0.36	U		<0.26	U		<0.48	U		<0.6	U		<0.28	U		<0.47	U		<0.29	U	
		VMP-32-30-050713	5/7/2013	<18	U		<9.1	U		<6.7	U		<12	U		<15	U		<7.1	U		<30	U		<7.5	U	
		VMP-32-30-080213	8/2/2013	<0.7	U		<1.4	U		<1	U		<1.9	U		<2.4	U		<1.1	U		<1.9	U		<1.2	U	
		VMP-32-30-110813	11/8/2013	<0.22	U		<0.45	U		<0.33	U		<0.61	U		<0.76	U		<0.35	U		<0.59	U		<0.37	U	
		VMP-32-30-022814	2/28/2014	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-32-30-022814-Dup	2/28/2014	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-32-30-050114	5/1/2014	<0.48	U		<0.97	U		<0.71	U		<1.3	U		<1.6	U		<0.75	U		<1.3	U		<0.8	U	
		VMP-32-30-081314	8/13/2014	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-32-30-081314-DUP	8/13/2014	0.01	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0015	J		<0.027	U		<0.0068	U	
		VMP-32-30-110714	11/7/2014	<0.033	U		<0.017	U		<0.012	U		<0.022	U		<0.028	U		<0.013	U		<0.054	U		<0.014	U	
		VMP-32-30-110714-DUP	11/7/2014	0.0053	J		<0.019	U		<0.014	U		<0.025	U		<0.031	U		<0.014	U		<0.061	U		<0.015	U	
		VMP-32-30-021015	2/10/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-32-30-050515	5/5/2015	0.0012	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0021	J		<0.027	U		<0.0068	U	
		VMP-32-30-073115	7/31/2015	0.13		J	<0.0088	U	UJ	<0.0064	U	UJ	<0.012	U	UJ	<0.015	U	UJ	<0.0068	U	UJ	<0.029	U	UJ	<0.0072	U	UJ
		VMP-32-30-073115-DUP	7/31/2015	<0.019	J	UJ	<0.0098	U	UJ	<0.0072	U	UJ	<0.013	U	UJ	<0.016	U	UJ	<0.0076	U	UJ	<0.032	U	UJ	<0.008	U	UJ
		VMP-32-30-082415	8/24/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-32-30-082415-DUP	8/24/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-32-30-110415	11/4/2015	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		0.0019	J		0.004	J		<0.03	U		<0.0075	U	
		VMP-32-30-020216	2/2/2016	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-32-30-042716	4/27/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-32-30-072616	7/26/2016	0.0087	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0092			<0.029	ND,UJ	UJ	<0.0073	U	
		VMP-32-30-102716	10/27/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.002	J		<0.027	U		<0.0069	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-41-10-100912	10/9/2012	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-41-10-012913	1/29/2013	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-41-10-043013	4/30/2013	<0.017	J	U	<0.0086	U		<0.0063	J	U	<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-41-10-080213	8/2/2013	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
		VMP-41-10-102913	10/29/2013	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-41-10-021114	2/11/2014	<0.014	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-41-10-042214	4/22/2014	<0.017	U		<0.0085	J	U	<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-41-10-073114	7/31/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-41-10-102814	10/28/2014	<0.016	U		<0.0078	J	U	<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-41-10-020415	2/4/2015	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-41-10-020415-DUP	2/4/2015	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-41-10-043015	4/30/2015	<0.018	J	U	<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-41-10-072815	7/28/2015	0.004	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		0.0028	J		<0.007	U	
		VMP-41-10-110215	11/2/2015	0.0023	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-41-10-012716	1/27/2016	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-41-10-050216	5/2/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-41-10-072816	7/28/2016	0.0052	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-41-10-102416	10/24/2016	<0.019	U		<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
	20 ft	VMP-41-20-072712	7/27/2012	<0.012	U		<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		<0.0046	U		<0.019	U		<0.0048	U	
		VMP-41-20-072712-Dup	7/27/2012	<0.012	U		<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		<0.0047	U		<0.02	U		<0.0049	U	
		VMP-41-20-100912	10/9/2012	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		0.0079	J		<0.0075	U	
		VMP-41-20-100912-Dup	10/9/2012	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-41-20-012913	1/29/2013	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-41-20-043013	4/30/2013	<0.017	U		<0.0086	U		<0.0063	J	U	<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-41-20-043013-Dup	4/30/2013	<0.018	U		<0.0089	U		<0.0065	J	U	<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-41-20-080213	8/2/2013	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-41-20-102913	10/29/2013	<0.017	J	U	0.00031	J		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-41-20-021114	2/11/2014	<0.014	U		<0.0069	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		<0.023	U		<0.0057	U	
		VMP-41-20-042214	4/22/2014	<0.016	U		<0.0083	J	U	<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-41-20-073114	7/31/2014	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-41-20-102814	10/28/2014	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-41-20-020415	2/4/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-41-20-043015	4/30/2015	<0.097	U		<0.2	U		<0.14	U		<0.26	U		<0.33	U		<0.15	U		<0.26	U		<0.16	U	
		VMP-41-20-072815	7/28/2015	<0.018	J	U	<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-41-20-110215	11/3/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		0.0025	J		<0.0071	U	
		VMP-41-20-012716	1/27/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-41-20-050216	5/2/2016	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.0061	U	
		VMP-41-20-072816	7/28/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-41-20-102416	10/24/2016	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
	26 ft	VMP-41-30-100912	10/9/2012	<0.019	U		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-41-30-012913	1/29/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0023	J		<0.029	U		<0.0073	U	
		VMP-41-30-043013	4/30/2013	<0.018	J	U	<0.0089	U		<0.0065	J	U	<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-41-30-080213	8/2/2013	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-41-30-102913	10/29/2013	<0.017	ND,UJ	UJ	0.00032	J		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-41-30-021114	2/11/2014	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-41-30-021114-Dup	2/11/2014	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0061	U	
		VMP-41-30-042214	4/22/2014	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-41-30-073114	7/31/2014	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.029	U		<0.0074	U	
		VMP-41-30-102814	10/28/2014	<0.015	U		<0.0076	J	U	<0.0055	U		<0.01	U		<0.013	U		0.0022	J		<0.025	U		<0.0062	U	
		VMP-41-30-020415	2/4/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-41-30-043015	4/30/2015	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-41-30-043015-DUP	4/30/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-41-30-110215	11/2/2015	0.0089	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-41-30-110215-DUP	11/2/2015	0.0037	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		0.0027	J	J	<0.007	U	
		VMP-41-30-012716	1/27/2016	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-41-30-012716-DUP	1/27/2016	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-41-30-050216	5/2/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-41-30-072816	7/28/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-41-30-072816-DUP	7/28/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-41-26-102416	10/24/2016	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-41-30-072712	7/27/2012	<0.012	U		<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		0.0013	J		<0.02	U		<0.0049	U	
		VMP-41-30-072815	7/28/2015	<0.02	J	U	<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0077	U		<0.033	U		<0.0082	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	<0.011	J	U	<0.0054	U		<0.0039	U		<0.0073	U		<0.009	U		0.0035	J		<0.018	U		<0.0044	U	
		VMP-42-10-041812-Dup	4/18/2012	<0.011	J	U	<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.018	U		<0.0045	U	
		VMP-42-10-071912	7/19/2012	0.0063	J		<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		0.0022	J		<0.02	U		<0.0049	U	UJ
		VMP-42-10-101212	10/12/2012	<0.019	U		<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.008	U	
		VMP-42-10-013113	1/31/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-42-10-043013	4/30/2013	<0.019	J	U	<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-42-20-043013	4/30/2013	<0.019	J	U	<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		0.0066	J		<0.032	U		<0.0079	U	
		VMP-42-10-080213	8/2/2013	<0.019	U		<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		0.001	J		<0.032	U		<0.0079	U	
		VMP-42-10-102913	10/29/2013	<0.017	ND,UJ	UJ	0.00028	J		<0.0062	U		<0.012	U		<0.014	U		0.00058	J		0.00055	J		<0.007	U	
		VMP-42-10-020714	2/7/2014	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-42-10-042214	4/22/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-42-10-080614	8/6/2014	0.0032	J		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.00086	J		<0.026	U		<0.0064	U	
		VMP-42-10-110414	11/4/2014	0.013	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0021	J		<0.027	U		<0.0068	U	
		VMP-42-10-020315	2/3/2015	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.0019	J		<0.026	U		<0.0066	U	
		VMP-42-10-042915	4/29/2015	0.0037	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-42-10-072115	7/21/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-42-10-102715	10/27/2015	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	J	U	<0.025	U		<0.0063	U	
		VMP-42-10-020116	2/1/2016	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-42-10-042616	4/26/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-42-10-072616	7/26/2016	0.0042	J		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-42-10-102716	10/27/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
	20 ft	VMP-42-20-041812	4/18/2012	8.6			<2.8	U		<2.1	U		<3.8	U		<4.7	U		<2.2	U		<9.2	U		0.54	J	
		VMP-42-20-071912	7/19/2012	0.0068	J		<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		0.1			<0.019	J	U	<0.0048	U	UJ
		VMP-42-20-101212	10/12/2012	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.035			<0.028	U		<0.0071	U	
		VMP-42-20-101212-Dup	10/12/2012	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.036			<0.028	U		<0.0071	U	
		VMP-42-20-013113	1/31/2013	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.025			<0.027	U		<0.0067	U	
		VMP-42-20-080213	8/2/2013	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.018			<0.029	U		<0.0072	U	
		VMP-42-20-102913	10/29/2013	<0.016	J	U	0.00028	J		<0.0061	U		<0.011	U		<0.014	U		0.012			0.0018	J		<0.0068	U	
		VMP-42-20-020714	2/7/2014	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0071			<0.026	U		<0.0065	U	
		VMP-42-20-042214	4/22/2014	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	J	U	<0.027	U		<0.0068	U	
		VMP-42-20-080614	8/6/2014	0.0028	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0051	J		<0.027	U		<0.0067	U	
		VMP-42-20-110414	11/4/2014	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.01			<0.026	U		<0.0066	U	
		VMP-42-20-020315	2/3/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0051	J		<0.03	U		<0.0074	U	
		VMP-42-20-042915	4/29/2015	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0036	J		<0.03	U		<0.0076	U	
		VMP-42-20-072115	7/21/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	J	U	<0.027	U		<0.0067	U	
		VMP-42-20-102715	10/27/2015	<0.019	J	U	<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.014			<0.031	U		<0.0079	U	
		VMP-42-20-020116	2/1/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0086			<0.027	U		<0.0068	U	
		VMP-42-20-042616	4/26/2016	0.0013	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0048	J		<0.029	U		<0.0073	U	
		VMP-42-20-072616	7/26/2016	0.005	J		<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		0.0066	J		<0.031	U		<0.0077	U	
		VMP-42-20-102676	10/27/2016	<0.017	U		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.012			<0.028	U		<0.0069	U	
	30 ft	VMP-42-30-041912	4/19/2012	<2.9	U		<5.9	U		<4.3	U		<8	U		<9.9	U		<4.6	U		<7.7	U		<4.8	U	
		VMP-42-30-071912	7/19/2012	0.03		J	<0.0055	U		<0.004	U		<0.0074	U		<0.0092	U		<0.0043	U		<0.018	U		<0.0045	U	UJ
		VMP-42-30-101212	10/12/2012	0.018			<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.005	J		0.0085	J		<0.0075	U	
		VMP-42-30-101212-Dup	10/12/2012	0.018			<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0051	J		0.0091	J		<0.0075	U	
		VMP-42-30-013113	1/31/2013	0.0061	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0079			<0.028	U		<0.0071	U	
		VMP-42-30-043013	4/30/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0038	J		<0.029	U		<0.0072	U	
		VMP-42-30-080213	8/2/2013	<0.018	U		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		0.0029	J		<0.03	U		<0.0075	U	
		VMP-42-30-102913	10/29/2013	0.011	J	J	<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.0039	J		0.0016	J		<0.0069	U	
		VMP-42-30-102913-Dup	10/29/2013	0.003	J	J	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0037	J		0.0016	J		<0.0068	U	
		VMP-42-30-020714	2/7/2014	<0.014	J	U	<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		0.005	J		<0.023	U		<0.0058	U	
		VMP-42-30-020714-Dup	2/7/2014	<0.014	J	U	<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.0048	J		<0.024	U		<0.006	U	
		VMP-42-30-042214	4/22/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	J	U	<0.026	U		<0.0065	U	
		VMP-42-30-042214-Dup	4/22/2014	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	J	U	<0.026	U		<0.0064	U	
		VMP-42-30-080614	8/6/2014	0.0028	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0015	J		<0.028	U		<0.007	U	
		VMP-42-30-110414	11/4/2014	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0045	J		<0.025	U		<0.0062	U	
		VMP-42-30-020315	2/3/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.002	J		<0.029	U		<0.0072	U	
		VMP-42-30-042915	4/29/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-42-30-080315	8/3/2015	<0.017	J	U	<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	J	U	<0.028	U		<0.0069	U	
		VMP-42-30-080315-DUP	8/3/2015	0.0089	J		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.0023	J		0.0063	J		<0.0067	U	
		VMP-42-30-102715	10/27/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0055	J		<0.026	U		<0.0065	U	
		VMP-42-30-020116	2/1/2016	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0038	J		<0.028	U		<0.007	U	
		VMP-42-30-042616	4/26/2016	<0.02	U		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		0.002	J		<0.033	U		<0.0082	U	
		VMP-42-30-072616	7/26/2016	0.0026	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-42-30-102716	10/27/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0025	J		<0.027	U		<0.0069	U	
		VMP-42-30-102716-Dup	10/27/2016	0.0087	J		<0.016	U		<0.012	U		<0.022	U		<0.027	U		0.0028	J		<0.052	U		<0.013	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	0.02			<0.0062	U		<0.0045	U		<0.0083	U		<0.01	U		<0.0048	U		0.0024	J		<0.0051	U	
		VMP-43-10-071912	7/19/2012	0.0059	J		<0.012	U		<0.0086	U		<0.016	U		<0.02	U		0.0018	J		<0.039	U		<0.0097	U	
		VMP-43-10-101612	10/16/2012	0.015	J		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		<0.0082	U	
		VMP-43-10-051713	5/17/2013	<0.019	U		<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.0079	J	U
		VMP-43-10-080913	8/9/2013	0.011	J		<0.01	U		<0.0073	J	U	<0.014	U		<0.017	U		<0.0077	U		0.0055	J		0.0017	J	
		VMP-43-10-111313	11/13/2013	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-43-10-022714	2/27/2014	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-43-10-050514	5/5/2014	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-43-10-080614	8/6/2014	0.0058	J	J	<0.0082	U	UJ	<0.006	U	UJ	<0.011	U	UJ	<0.014	U	UJ	<0.0064	U	UJ	<0.027	U	UJ	<0.0068	U	UJ
		VMP-43-10-021015	2/10/2015	<0.014	U		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
		VMP-43-10-050515	5/5/2015	0.0023	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-43-10-072115	7/21/2015	0.0059	J		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0014	J		0.0028	J		<0.007	U	
		VMP-43-10-102915	10/29/2015	<0.019	J	U	<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		0.0047	J		<0.032	U		<0.008	U	
		VMP-43-10-020116	2/1/2016	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-43-10-042716	4/27/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-43-10-072716	7/27/2016	0.016	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0011	J		<0.027	ND,UJ	UJ	<0.0067	U	
		VMP-43-10-102616	10/26/2016	0.003	J		<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		0.0036	J		<0.024	U		<0.0059	U	
	20 ft	VMP-43-20-041612	4/16/2012	0.086			<0.06	U		<0.044	U		<0.081	U		<0.1	U		<0.047	U		<0.079	U		<0.049	U	
		VMP-43-20-071912	7/19/2012	0.018	J		<0.022	U		<0.016	U		<0.029	U		<0.036	U		0.0031	J		<0.071	U		<0.018	U	
		VMP-43-20-101812	10/18/2012	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0053	J		<0.027	U		<0.0068	U	
		VMP-43-20-012413	1/24/2013	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0022	J		<0.027	U		<0.0068	U	
		VMP-43-20-043013	4/30/2013	<0.02	J	U	<0.0099	U		<0.0073	J	U	<0.013	U		<0.017	U		<0.0077	J	U	<0.033	U		<0.0082	J	U
		VMP-43-20-080913	8/9/2013	0.0066	J		<0.0097	U		<0.0071	J	U	<0.013	U		<0.016	U		0.01			<0.032	U		0.0016	J	
		VMP-43-20-102913	10/29/2013	<0.016	J	U	0.00023	J		<0.006	U		<0.011	U		<0.014	U		0.0036	J		0.0006	J		<0.0068	U	
		VMP-43-20-022714	2/27/2014	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0017	J		<0.027	U		<0.0068	U	
		VMP-43-20-081314	8/13/2014	<0.019	J	U	<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-43-20-110614	11/6/2014	<0.015	U	UJ	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0029	J		<0.026	U		<0.0064	U	
		VMP-43-20-021215	2/12/2015	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-43-20-021215-DUP	2/12/2015	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-43-20-050515	5/5/2015	0.0018	J		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-43-20-072115	7/21/2015	<0.021	J	U	<0.01	U		<0.0077	U		<0.014	U		<0.018	U		0.012			<0.035	U		<0.0087	U	
		VMP-43-20-102915	10/29/2015	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0066			<0.025	U		<0.0062	U	
		VMP-43-20-102915-DUP	10/29/2015	0.0072	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0072			0.0034	J		<0.0061	U	
		VMP-43-20-020116	2/1/2016	<0.026	J	U	<0.013	U		<0.0097	U		<0.018	U		<0.022	U		0.0029	J		<0.044	U		<0.011	U	
		VMP-43-20-042716	4/27/2016	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-43-20-072716	7/27/2016	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	ND,UJ	UJ	<0.0076	U	
		VMP-43-20-102616	10/26/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0034	J		<0.027	U		<0.0068	U	
	30 ft	VMP-43-30-042312	4/23/2012	0.012	J		<0.055	U		<0.04	U		<0.074	U		<0.092	U		<0.043	U		<0.072	U		<0.18	U	
		VMP-43-30-071912	7/19/2012	0.011	J		<0.006	U		<0.0044	U		<0.0081	U		<0.01	U		0.0017	J		<0.02	J	U	<0.0049	U	
		VMP-43-30-101812	10/18/2012	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0082			<0.028	U		<0.0071	U	
		VMP-43-30-012413	1/24/2013	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-43-30-043013	4/30/2013	<0.019	J	U	<0.0096	U		<0.007	J	U	<0.013	J	U	<0.016	U		0.035			<0.031	U		<0.0079	U	
		VMP-43-30-080913	8/9/2013	<0.019	J	U	<0.0095	U		<0.007	J	U	<0.013	U		<0.016	U		0.0088			<0.031	U		<0.0078	U	
		VMP-43-30-102913	10/29/2013	<0.015	J	U	0.00024	J		<0.0056	U		<0.01	U		<0.013	U		0.0018	J		0.00046	J		<0.0063	U	
		VMP-43-30-022714	2/27/2014	<0.015	J	U	<0.0075	U		<0.0055	U		0.0071	J		<0.013	U		0.068			<0.025	U		<0.0062	U	
		VMP-43-30-022714-Dup	2/27/2014	<0.015	U		<0.0075	U		<0.0055	U		0.0072	J		<0.012	U		0.062			<0.024	U		<0.0062	U	
		VMP-43-30-042214	4/22/2014	<0.017	U		<0.0087	U		<0.0064	U		0.0079	J		<0.014	U		0.043			<0.028	U		<0.0071	U	
		VMP-43-30-080614	8/6/2014	0.0037	J		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0054	J		0.0058	J		<0.0076	U	
		VMP-43-30-050515	5/5/2015	0.002	J		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-43-30-050515-DUP	5/5/2015	0.0015	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0015	J		<0.027	U		<0.0067	U	
		VMP-43-30-072115	7/21/2015	0.0043	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0069			<0.028	U		<0.007	U	
		VMP-43-30-102915	10/29/2015	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0034	J		<0.025	U		<0.0063	U	
		VMP-43-30-020116	2/1/2016	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.00099	J		<0.028	U		<0.0071	U	
		VMP-43-30-042716	4/27/2016	0.002	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-43-30-042716-DUP	4/27/2016	0.0075	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		0.007	J		<0.0073	U	
		VMP-43-30-072716	7/27/2016	0.0037	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0014	J		<0.029	ND,UJ	UJ	<0.0074	U	
		VMP-43-30-102616	10/26/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0039	J		<0.027	U		<0.0067	U	
		VMP-43-30-102616-Dup	10/26/2016	0.0033	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0039	J		<0.028	U		<0.0071	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	<1.4	U		<2.9	U		<2.1	U		<3.9	U		<4.8	U		<2.2	U		<3.8	U		<2.4	U	
		VMP-44-10-072012	7/20/2012	<0.48	U		<0.96	U		<0.71	U		<1.3	U		<1.6	U		<0.75	U		<1.3	U		<0.79	U	
		VMP-44-10-081012	8/10/2012	<0.28	U		<0.58	U		<0.42	U		<0.78	U		<0.96	U		<0.45	U		<0.76	U		<0.47	U	
		VMP-44-10-101212	10/12/2012	<0.88	U		<1.8	U		<1.3	U		<2.4	U		<3	U		<1.4	U		<2.3	U		<1.4	U	
		VMP-44-10-012513	1/25/2013	<0.36	U		<0.72	U		<0.53	U		<0.98	U		<1.2	U		<0.56	U		<0.95	U		<0.6	U	
		VMP-44-10-042913	4/29/2013	<1.3	U		<0.66	U		<0.48	U		<0.9	U		<1.1	U		<0.52	U		<2.2	U		<0.55	U	
		VMP-44-10-080213	8/2/2013	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-44-10-082313-R	8/23/2013	<0.019	U		<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.008	U	
		VMP-44-10-111113	11/11/2013	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0043	J		<0.027	U		<0.0067	U	
		VMP-44-10-022814	2/28/2014	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-44-10-043014	4/30/2014	0.0047	J		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.002	J		<0.024	U		<0.0059	U	
		VMP-44-10-080614	8/6/2014	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.0009	J		<0.032	U		<0.0079	U	
		VMP-44-10-110414	11/4/2014	0.005	J		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.0019	J		<0.026	U		<0.0064	U	
		VMP-44-10-020415	2/4/2015	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-44-10-050115	5/1/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-44-10-072415	7/24/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0033	J		<0.03	U		<0.0075	U	
		VMP-44-10-102815	10/28/2015	0.0091	J		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	J	U	0.003	J		<0.0078	U	
		VMP-44-10-012516	1/25/2016	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-44-10-042816	4/28/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-44-10-072716	7/27/2016	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.004	J		<0.03	ND,UJ	UJ	<0.0074	U	
		VMP-44-10-102716	10/27/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0064	J		<0.027	U		<0.0068	U	
	20 ft	VMP-44-20-041912	4/19/2012	0.35			<0.63	U		<0.46	U		<0.86	U		<1.1	U		<0.49	U		<0.83	U		<0.52	U	
		VMP-44-20-072512	7/25/2012	0.061	J	J	<1.1	U		<0.79	U		<1.5	U		<1.8	U		<0.84	U		<1.4	U		<0.89	U	
		VMP-44-20-101212	10/12/2012	<1.8	U		<3.6	U		<2.6	U		<4.8	U		<6	U		<2.8	U		<4.7	U		<3	U	
		VMP-44-20-012513	1/25/2013	<0.13	U		<0.26	U		<0.19	U		<0.35	U		<0.44	U		<0.2	U		<0.34	U		<0.22	U	
		VMP-44-20-042913	4/29/2013	<0.59	U		<0.3	U		<0.22	U		<0.4	U		<0.5	U		<0.23	U		<0.98	U		<0.24	U	
		VMP-44-20-081313	8/13/2013	<0.037	J	U	<0.019	U		<0.014	U		<0.025	U		<0.031	U		<0.014	U		<0.061	UJ	UJ	<0.015	U	
		VMP-44-20-111113	11/11/2013	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-44-20-022814	2/28/2014	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-44-20-043014	4/30/2014	0.0048	J		<0.015	U		<0.011	U		<0.02	U		<0.025	U		<0.011	U		<0.048	U		<0.012	U	
		VMP-44-20-080614	8/6/2014	0.004	J		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
		VMP-44-20-110414	11/4/2014	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0018	J		<0.027	U		<0.0067	U	
		VMP-44-20-020415	2/4/2015	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-44-20-051115	5/11/2015	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-44-20-072415	7/24/2015	0.018			<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	J	U	<0.027	U		<0.0067	U	
		VMP-44-20-102815	10/28/2015	0.028			<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0037	J		<0.028	U		<0.007	U	
		VMP-44-20-020216-R	2/2/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-44-20-042816	4/28/2016	<0.02	U		<0.01	U		<0.0074	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		<0.0083	U	
		VMP-44-20-072716	7/27/2016	<0.02	J	U	<0.01	U		<0.0075	U		<0.014	U		<0.017	U		0.0039	J		<0.034	ND,UJ	UJ	<0.0085	U	
		VMP-44-20-102716	10/27/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.013			<0.027	U		<0.0068	U	
	30 ft	VMP-44-30-041912	4/19/2012	0.038	J		<0.37	U		<0.27	U		<0.5	U		<0.62	U		<0.28	U		<0.48	U		<0.3	U	
		VMP-44-30-072512	7/25/2012	0.28			<0.062	U		<0.045	U		<0.083	U		<0.1	U		<0.048	U		<0.081	U		<0.051	U	
		VMP-44-30-072512-Dup	7/25/2012	0.28			<0.062	U		<0.045	U		<0.083	U		<0.1	U		<0.048	U		<0.081	U		<0.051	U	
		VMP-44-30-101512	10/15/2012	<0.75	U		<0.38	U		<0.28	U		<0.52	U		<0.64	U		<0.3	U		<1.2	U		<0.31	U	
		VMP-44-30-101512-Dup	10/15/2012	0.22	J	J	<0.36	U		<0.26	U		<0.48	U		<0.6	U		<0.28	U		<1.2	U		<0.29	U	
		VMP-44-30-012513	1/25/2013	<0.045	U	UJ	<0.092	U	UJ	<0.067	U	UJ	<0.12	U	UJ	<0.15	U	UJ	<0.071	U	UJ	<0.12	U	UJ	<0.075	U	UJ
		VMP-44-30-043013	4/30/2013	0.038	J		<0.032	U		<0.024	U		<0.044	U		<0.054	U		<0.025	U		<0.11	U		<0.027	U	
		VMP-44-30-081313	8/13/2013	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0017	J		<0.029	UJ	UJ	<0.0074	U	
		VMP-44-30-111113	11/11/2013	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-44-30-022814	2/28/2014	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.001	J		<0.024	U		<0.006	U	
		VMP-44-30-043014	4/30/2014	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.002	J		<0.025	U		<0.0063	U	
		VMP-44-30-080614	8/6/2014	0.0036	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0014	J		<0.028	U		<0.007	U	
		VMP-44-30-110414	11/4/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0017	J		<0.027	U		<0.0067	U	
		VMP-44-30-020415	2/4/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-44-30-051115	5/11/2015	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-44-30-072415	7/24/2015	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	J	U	0.0022	J	J	<0.0064	U	
		VMP-44-30-102815	10/28/2015	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.0036	J		<0.031	U		<0.0078	U	
		VMP-44-30-012516	1/25/2016	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-44-30-050516	5/5/2016	0.0056	J		<0.011	U		<0.008	U		<0.015	U		<0.018	U		<0.0085	U		<0.036	ND,UJ	UJ	<0.009	U	
		VMP-44-30-072716	7/27/2016	<0.019	J	U	<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		0.0038	J		0.0016	J	J	<0.0079	U	
		VMP-44-30-102716	10/27/2016	0.0031	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0081			<0.026	U		<0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	<0.011	J	U	<0.0058	U		<0.0042	U		<0.0078	U		<0.0096	U		<0.0045	U		<0.019	U		<0.0047	U	
		VMP-45-10-071912	7/19/2012	0.0055	J		<0.0059	U		<0.0043	U		<0.008	U		<0.0099	U		0.0022	J		<0.019	J	U	<0.0048	U	
		VMP-45-10-101512	10/15/2012	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.0052	J		<0.03	U		<0.0075	U	
		VMP-45-10-013013	1/30/2013	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-45-10-042913	4/29/2013	<0.018	J	U	<0.0091	U		<0.0066	J	U	<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-45-10-080513	8/5/2013	<0.018	U		<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-45-10-102913	10/29/2013	<0.016	J	U	0.00031	J		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		0.00043	J		<0.0066	J	U
		VMP-45-10-020714	2/7/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-45-10-042214	4/22/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-45-10-080114	8/1/2014	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-45-10-102414	10/24/2014	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-45-10-020615	2/6/2015	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-45-10-051215	5/12/2015	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-45-10-072115	7/21/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-45-10-102815	10/28/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-45-10-030916-R	3/9/2016	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-45-10-042816	4/28/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-45-10-082616	8/26/2016	0.0038	J		<0.0069	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
		VMP-45-10-102816	10/28/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
	20 ft	VMP-45-20-041912	4/19/2012	<0.18	U		<0.36	U		<0.26	U		<0.48	U		<0.6	U		<0.28	U		<0.47	U		<0.3	U	
		VMP-45-20-071912	7/19/2012	0.26			<0.11	U		<0.082	U		<0.15	U		<0.19	U		0.013	J		<0.37	U		<0.092	U	
		VMP-45-20-101512	10/15/2012	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.016			<0.028	U		<0.0071	U	
		VMP-45-20-013013	1/30/2013	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.011			<0.027	U		<0.0068	U	
		VMP-45-20-042913	4/29/2013	<0.019	J	U	<0.0096	U		<0.007	J	U	<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-45-20-042913-Dup	4/29/2013	<0.018	J	U	<0.0094	U		<0.0068	J	U	<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-45-20-080513	8/5/2013	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.0058	J		<0.031	U		<0.0078	U	
		VMP-45-20-102913	10/29/2013	<0.017	J	U	0.00026	J		<0.0063	U		<0.012	U		<0.014	U		0.0055	J		0.001	J		<0.0071	U	
		VMP-45-20-020714	2/7/2014	0.003	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	J	U	<0.028	U		<0.0071	U	
		VMP-45-20-042214	4/22/2014	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-45-20-080114	8/1/2014	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-45-20-102414	10/24/2014	0.0039	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-45-20-020615	2/6/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-45-20-042915	4/29/2015	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-45-20-072115	7/21/2015	<0.02	J	U	<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		<0.0082	U	
		VMP-45-20-102815	10/28/2015	0.012	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-45-20-012516	1/25/2016	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-45-20-042816	4/28/2016	0.0019	J		<0.0067	U		<0.0049	U		<0.0091	U		<0.011	U		<0.0052	U		<0.022	U		<0.0055	U	
		VMP-45-20-072716	7/27/2016	<0.019	U		<0.0098	U		<0.0071	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-45-20-102816	10/28/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
	30 ft	VMP-45-30-041912	4/19/2012	0.036	J	J	<0.24	U		<0.18	U		<0.32	U		<0.4	U		<0.19	U		<0.32	U		<0.2	U	
		VMP-45-30-071912	7/19/2012	<0.03	U		<0.06	U		<0.044	U		<0.081	U		<0.1	U		<0.047	U		<0.079	U		<0.049	U	
		VMP-45-30-101512	10/15/2012	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.02			<0.028	U		<0.0071	U	
		VMP-45-30-101512-Dup	10/15/2012	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.021			<0.028	U		<0.0071	U	
		VMP-45-30-013013	1/30/2013	<0.03	J	U	<0.015	U		<0.011	U		<0.021	U		<0.026	U		0.0086	J		<0.05	U		<0.012	U	
		VMP-45-30-042913	4/29/2013	<0.037	U		<0.018	U		<0.014	J	U	<0.025	U		<0.031	U		<0.014	U		<0.061	U		<0.015	U	
		VMP-45-30-080513	8/5/2013	<0.075	U		<0.038	U		<0.028	U		<0.051	U		<0.063	U		0.0081	J		<0.12	U		<0.031	U	
		VMP-45-30-102913	10/29/2013	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0041	J		<0.029	U		<0.0072	U	
		VMP-45-30-020714	2/7/2014	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	J	U	<0.025	U		<0.0062	U	
		VMP-45-30-042214	4/22/2014	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-45-30-080114	8/1/2014	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-45-30-102414	10/24/2014	<0.018	J	U	<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-45-30-111214-R	11/12/2014	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.002	J		<0.025	U		<0.0062	ND,UJ	UJ
		VMP-45-30-020615	2/6/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-45-30-020615-DUP	2/6/2015	0.0022	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-45-30-042915	4/29/2015	<0.018	J	U	<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-45-30-072115	7/21/2015	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-45-30-072115-DUP	7/21/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-45-30-102815	10/28/2015	0.0091	J		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0036	J		<0.024	U		<0.0062	U	
		VMP-45-30-012516	1/25/2016	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-45-30-042816	4/28/2016	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.00091	J		<0.025	U		<0.0063	U	
		VMP-45-30-042816-DUP	4/28/2016	0.0075	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-45-30-072716	7/27/2016	0.015	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0038	J		<0.028	U		<0.0071	U	
		VMP-45-30-102816	10/28/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0074			<0.027	U		<0.0068	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		0.001	J	
		VMP-47-5-012313-R	1/23/2013	<15	U		<30	U		<22	U		<41	U		<51	U		<24	U		<40	U		<25	U	
		VMP-47-5-060513	6/5/2013	<9.7	U		<20	U		<14	U		<26	U		<33	U		<15	U		<26	U		<16	U	
		VMP-47-5-072613	7/26/2013	<0.016	J	U	<0.0083	U		<0.0061	J	U	0.0022	J		<0.014	U		0.016			<0.027	U		<0.0068	J	U
		VMP-47-5-110813	11/8/2013	<0.11	U		<0.057	U		<0.042	U		<0.077	U		<0.096	U		<0.044	U		<0.19	U		<0.047	U	
		VMP-47-5-021814	2/18/2014	<0.016	J	U	0.002	J		<0.0059	U		<0.011	U		<0.014	U		0.0084			<0.027	U		<0.0067	U	
		VMP-47-5-042914	4/29/2014	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-47-5-081314	8/13/2014	0.14			<0.019	U		0.0091	J		<0.026	U		0.019	J		<0.015	U		1.9			<0.016	U	
		VMP-47-5-093014-R	9/30/2014	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0028	J		<0.025	U		<0.0063	U	
		VMP-47-5-102814	10/28/2014	<0.019	U		<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		0.0067	J		<0.032	U		<0.0079	U	
		VMP-47-5-020215	2/2/2015	0.003	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-47-5-042815	4/28/2015	0.0026	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.003	J		<0.029	U		<0.0073	U	
		VMP-47-5-072115	7/21/2015	<0.019	J	U	<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.016			<0.032	U		<0.008	U	
		VMP-47-5-102715	10/27/2015	<0.019	J	U	<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-47-5-012916	1/29/2016	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-47-5-042516	4/25/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.0027	J		<0.03	U		<0.0077	U	
		VMP-47-5-072516	7/25/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.021			<0.029	U		<0.0073	U	
		VMP-47-5-102616	10/26/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0046	J		<0.028	U		<0.007	U	
	10 ft	VMP-47-10-012113	1/21/2013	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-47-10-012313-R	1/23/2013	<0.38	U		<0.76	U		<0.56	U		<1	U		<1.3	U		<0.59	U		<1	U		<0.63	U	
		VMP-47-10-060513	6/5/2013	<9	U		<18	U		<13	U		<24	U		<30	U		<14	U		<24	U		<15	U	
		VMP-47-10-072613	7/26/2013	<17	U		<8.5	U		2.5	J		<11	U		<14	U		<6.6	U		<28	U		<7	U	
		VMP-47-10-110813	11/8/2013	<0.069	U		<0.035	U		<0.026	U		<0.047	U		<0.058	U		<0.027	U		<0.11	U		<0.029	U	
		VMP-47-10-021814	2/18/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0074			<0.026	U		<0.0065	U	
		VMP-47-10-042914	4/29/2014	0.0026	J		0.0013	J		<0.0062	U		<0.012	U		<0.014	U		0.0089			<0.028	U		<0.007	U	
		VMP-47-10-073114	7/31/2014	0.0034	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.02			<0.027	U		<0.0067	U	
		VMP-47-10-102814	10/28/2014	<0.013	U		<0.0068	J	U	<0.005	U		<0.0092	U		<0.011	U		0.019			<0.022	U		<0.0056	U	
		VMP-47-10-020215	2/2/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0022	J		<0.026	U		<0.0065	U	
		VMP-47-10-042815	4/28/2015	<0.019	U		<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		0.0093			<0.031	U		<0.0078	U	
		VMP-47-10-072115	7/21/2015	<0.019	J	U	<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.1			<0.032	U		<0.008	U	
		VMP-47-10-102715	10/27/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.024			<0.029	U		<0.0072	U	
		VMP-47-10-012916	1/29/2016	<0.015	J	U	<0.0075	U		<0.0055	U		<0.01	U		<0.013	U		0.0039	J		<0.025	U		<0.0062	U	
		VMP-47-10-042516	4/25/2016	<0.018	U		<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		0.024			<0.031	U		<0.0077	U	
		VMP-47-10-080216	8/2/2016	0.0061	J		<0.007	U		<0.0052	U		0.0018	J		<0.012	U		0.028			<0.023	U		<0.0058	U	
		VMP-47-10-102616	10/26/2016	0.0028	J		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.038			<0.024	U		<0.006	U	
	20 ft	VMP-47-20-012113	1/21/2013	<3.9	U		<7.9	U		<5.8	U		<11	U		<13	U		<6.2	U		<10	U		<6.5	U	
		VMP-47-20-012313-R	1/23/2013	<9.3	U		<19	U		<14	U		<25	U		<31	U		<14	U		<24	U		<15	U	
		VMP-47-20-060513	6/5/2013	<9.1	U		<18	U		<13	U		<25	U		<31	U		<14	U		<24	U		<15	U	
		VMP-47-20-060513-Dup	6/5/2013	<8.5	U		<17	U		<12	U		<23	U		<29	U		<13	U		<22	U		<14	U	
		VMP-47-20-072613	7/26/2013	<31	U		<16	U		3.8	J		<21	U		<26	U		<12	U		<52	U		<13	U	
		VMP-47-20-110813	11/8/2013	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.034			<0.026	U		<0.0065	U	
		VMP-47-20-021914	2/19/2014	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.026			<0.026	U		<0.0065	U	
		VMP-47-20-042914	4/29/2014	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.013			<0.027	U		<0.0068	U	
		VMP-47-20-073114	7/31/2014	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.033			<0.026	U		<0.0065	U	
		VMP-47-20-102814	10/28/2014	<0.019	U		<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		0.021			<0.031	U		<0.0078	U	
		VMP-47-20-020215	2/2/2015	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.003	J		<0.026	U		<0.0064	U	
		VMP-47-20-042815	4/28/2015	<0.018	U		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		0.0042	J		<0.03	U		<0.0075	U	
		VMP-47-20-072115	7/21/2015	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.027			<0.031	U		<0.0078	U	
		VMP-47-20-102715	10/27/2015	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0088			<0.026	U		<0.0066	U	
		VMP-47-20-012916	1/29/2016	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-47-20-042516	4/25/2016	<0.018	U		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		0.006	J		<0.03	U		<0.0076	U	
		VMP-47-20-072516	7/25/2016	0.0036	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.014			<0.03	U		<0.0074	U	
		VMP-47-20-102616	10/26/2016	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.0076			<0.026	U		<0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	30 ft	VMP-47-30-012113	1/21/2013	<2.9	U		<5.8	U		<4.2	U		<7.8	U		<9.7	U		<4.5	U		<7.6	U		<4.8	U	
		VMP-47-30-012313-R	1/23/2013	<15	U		<30	U		<22	U		<40	U		<50	U		<23	U		<39	U		<25	U	
		VMP-47-30-060513	6/5/2013	<9.1	U		<18	U		<13	U		<25	U		<31	U		<14	U		<24	U		<15	U	
		VMP-47-30-072613	7/26/2013	8.4	J		<33	U		11	J		<45	U		<56	U		<26	U		<110	U		<27	U	
		VMP-47-30-110813	11/8/2013	<0.16	U		<0.081	U		<0.059	U		<0.11	U		<0.14	U		<0.063	U		<0.27	U		<0.067	U	
		VMP-47-30-021914	2/19/2014	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0055	J		<0.028	U		<0.007	U	
		VMP-47-30-042914	4/29/2014	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0073			<0.028	U		<0.0069	U	
		VMP-47-30-042914-Dup	4/29/2014	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.008			<0.028	U		<0.007	U	
		VMP-47-30-073114	7/31/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.011			<0.027	U		<0.0068	U	
		VMP-47-30-073114-Dup	7/31/2014	<0.019	J	U	<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.012			<0.031	U		<0.0079	U	
		VMP-47-30-102814	10/28/2014	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.012			<0.03	U		<0.0074	U	
		VMP-47-30-102814-DUP	10/28/2014	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.012			<0.029	U		<0.0073	U	
		VMP-47-30-020215	2/2/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0019	J		<0.027	U		<0.0068	U	
		VMP-47-30-020215-DUP	2/2/2015	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0018	J		<0.026	U		<0.0064	U	
		VMP-47-30-042815	4/28/2015	0.002	J		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		0.0069			<0.024	U		<0.0062	U	
		VMP-47-30-042815-DUP	4/28/2015	0.016	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.007			<0.029	U		<0.0074	U	
		VMP-47-30-072115	7/21/2015	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.039			<0.03	U		<0.0077	U	
		VMP-47-30-102715	10/27/2015	<0.014	J	U	<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.015			<0.024	U		<0.0059	U	
		VMP-47-30-102715-DUP	10/27/2015	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.014			<0.025	U		<0.0063	U	
		VMP-47-30-012916-DUP	1/29/2016	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.0025	J		<0.026	U		<0.0064	U	
		VMP-47-30-042516	4/25/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.013			<0.03	U		<0.0076	U	
		VMP-47-30-042516-DUP	4/25/2016	0.0042	J		<0.01	U		<0.0077	U		<0.014	U		<0.018	U		0.014			<0.034	U		<0.0086	U	
		VMP-47-30-072516	7/25/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.013			<0.03	U		<0.0074	U	
		VMP-47-30-102616	10/26/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.017			<0.028	U		<0.0071	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-48-5-050313	5/3/2013	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	J	U
		VMP-48-5-080613	8/6/2013	<0.017	J	U	<0.0087	U		<0.0064	J	U	<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-48-5-110513	11/5/2013	0.011	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.00073	J		0.0004	J		<0.0068	U	
		VMP-48-5-022814	2/28/2014	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-48-5-042814	4/28/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-48-5-080114	8/1/2014	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.0037	J		<0.031	U		<0.0078	U	
		VMP-48-05-102914	10/29/2014	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.00094	J		<0.029	U		<0.0072	U	
		VMP-48-5-020215	2/2/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		0.0077	J		<0.007	U	
		VMP-48-5-042815	4/28/2015	0.001	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-48-5-072115	7/21/2015	<0.019	J	U	<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.003	J		<0.031	U		<0.0077	U	
		VMP-48-5-102015	10/20/2015	0.0032	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-48-5-012916	1/29/2016	<0.02	J	U	<0.0099	U		<0.0072	U		<0.013	U		<0.017	U		<0.0077	U		<0.032	U		<0.0082	U	
		VMP-48-5-042516	4/25/2016	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-48-5-072516	7/25/2016	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.0028	J		<0.031	U		<0.0079	U	
		VMP-48-5-102616	10/26/2016	0.0026	J		<0.0071	U		0.0021	J		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
	10 ft	VMP-48-10-020113	2/1/2013	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0014	J		<0.027	U		<0.0069	U	
		VMP-48-10-050813	5/8/2013	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-48-10-080613	8/6/2013	<0.016	J	U	<0.0082	U		<0.006	J	U	<0.011	U		<0.014	U		<0.0063	U		0.0075	J		<0.0067	J	U
		VMP-48-10-103113	10/31/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.00042	J		0.00051	J		<0.0072	U	
		VMP-48-10-021814	2/18/2014	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-48-10-042814	4/28/2014	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-48-10-080114	8/1/2014	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0029	J		<0.027	U		<0.0068	U	
		VMP-48-10-102914	10/29/2014	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0014	J		<0.024	U		<0.006	U	
		VMP-48-10-020215	2/2/2015	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-48-10-042815	4/28/2015	0.0012	J		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-48-10-042815-DUP	4/28/2015	0.002	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-48-10-072115	7/21/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0012	J		<0.029	U		<0.0072	U	
		VMP-48-10-102015	10/20/2015	0.0042	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-48-10-012916	1/29/2016	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-48-10-042516	4/25/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-48-10-072516	7/25/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-48-10-102616	10/26/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
	20 ft	VMP-48-20-020113	2/1/2013	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-48-20-103113	10/31/2013	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		0.00032	J		<0.0068	U	
		VMP-48-20-021814	2/18/2014	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-48-20-042814	4/28/2014	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-48-20-080114	8/1/2014	<0.014	J	U	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-48-20-102914	10/29/2014	<0.017	U	UJ	<0.0088	U	UJ	<0.0064	U	UJ	<0.012	U	UJ	<0.015	U	UJ	<0.0068	U	UJ	<0.029	U	UJ	<0.0072	U	UJ
		VMP-48-20-111814-R	11/18/2014	<0.016	U	UJ	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-48-20-020215	2/2/2015	<0.014	J	U	<0.0072	U		<0.0052	U		<0.0097	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-48-20-042815	4/28/2015	<0.015	J	U	<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-48-20-102015	10/20/2015	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-48-20-042516	4/25/2016	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-48-20-102616	10/26/2016	0.0028	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-48	30 ft	VMP-48-30-020113	2/1/2013	0.024			<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-48-30-020113-DUP	2/1/2013	0.027	J		<0.033	U		<0.024	U		<0.044	U		<0.055	U		<0.025	U		<0.11	U		<0.027	U	
		VMP-48-30-050313	5/3/2013	0.22			<0.0077	U		<0.0057	J	U	<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	J	U
		VMP-48-30-080613	8/6/2013	0.014	J		<0.0088	U		<0.0064	J	U	<0.012	U		<0.015	U		<0.0068	U		0.0071	J		<0.0072	J	U
		VMP-48-30-110513	11/5/2013	0.0034	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		0.00063	J		<0.0063	U	
		VMP-48-30-021814	2/18/2014	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-48-30-042814	4/28/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-48-30-042814-DUP	4/28/2014	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-48-30-080114	8/1/2014	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-48-30-080114-Dup	8/1/2014	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		0.0021	J		<0.0065	U	
		VMP-48-30-102914	10/29/2014	<0.018	U	UJ	<0.0088	U	UJ	<0.0065	U	UJ	<0.012	U	UJ	<0.015	U	UJ	<0.0069	U	UJ	<0.029	U	UJ	<0.0073	U	UJ
		VMP-48-30-111814-R	11/18/2014	<0.017	U	UJ	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-48-30-020215	2/2/2015	<0.012	J	U	<0.0063	U		<0.0046	U		<0.0086	U		<0.011	U		0.0014	J		<0.021	U		<0.0052	U	
		VMP-48-30-042815	4/28/2015	<0.018	J	U	0.0027	J		<0.0068	U		0.0053	J		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-48-30-080315	8/3/2015	0.0036	J		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
		VMP-48-30-102015	10/20/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-48-30-102015-DUP	10/20/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-48-30-012916	1/29/2016	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-48-30-042516	4/25/2016	<0.02	U		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0077	U		<0.033	U		<0.0082	U	
		VMP-48-30-042516-DUP	4/25/2016	0.0033	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-48-30-072516	7/25/2016	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
		VMP-48-30-102616	10/26/2016	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-48-30-102616-Dup	10/26/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-49-5-050713	5/7/2013	<0.02	U		<0.01	U		<0.0074	U		<0.014	U		<0.017	U		<0.0079	U		<0.033	U		<0.0083	U	
		VMP-49-5-080613	8/6/2013	<0.019	J	U	<0.0097	U		<0.0071	J	U	<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.008	U	
		VMP-49-5-111113	11/11/2013	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-49-5-021814	2/18/2014	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-49-5-042814	4/28/2014	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-49-5-080114	8/1/2014	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-49-5-102914	10/29/2014	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-49-5-102914-DUP	10/29/2014	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-49-5-020215	2/3/2015	0.0056	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-49-5-042815	4/28/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-49-5-073015	7/30/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0023	J		<0.028	U		<0.0071	U	
		VMP-49-5-110315	11/3/2015	0.0033	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-49-5-020116	2/1/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-49-5-042616	4/26/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-49-5-080116	8/1/2016	0.0046	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-49-5-102716	10/27/2016	<0.016	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
	10 ft	VMP-49-10-020113	2/1/2013	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-49-10-050713	5/7/2013	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-49-10-050713-Dup	5/7/2013	<0.019	U		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	J	U
		VMP-49-10-080613	8/6/2013	<0.019	U		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.0014	J		<0.032	U		<0.0081	U	UJ
		VMP-49-10-103113	10/31/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0026	J		0.00055	J		<0.0073	U	
		VMP-49-10-021814	2/18/2014	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.001	J		<0.026	U		<0.0064	U	
		VMP-49-10-042814	4/28/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-49-10-080114	8/1/2014	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-49-10-102914	10/29/2014	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.00081	J		<0.03	U		<0.0074	U	
		VMP-49-10-020215	2/3/2015	0.0037	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-49-10-042815	4/28/2015	0.0029	J		<0.012	U		<0.0085	U		<0.016	U		<0.02	U		<0.009	U		<0.038	U		<0.0096	U	
		VMP-49-10-073015	7/30/2015	<0.019	J	U	<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-49-10-110315	11/3/2015	0.0036	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-49-10-020116	2/1/2016	<0.018	U		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-49-10-042616	4/26/2016	0.25			<0.01	U		<0.0074	U		<0.014	U		<0.017	U		<0.0079	U		<0.033	U		<0.0083	U	
		VMP-49-10-080116	8/1/2016	0.0029	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-49-10-102716	10/27/2016	0.0038	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	20 ft	VMP-49-20-020113	2/1/2013	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-49-20-050913	5/9/2013	<0.018	U		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-49-20-080613	8/6/2013	<0.019	U		<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		0.0014	J		<0.032	U		<0.008	U	UJ
		VMP-49-20-080613-Dup	8/6/2013	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0014	J		<0.03	U		<0.0074	U	UJ
		VMP-49-20-111113	11/11/2013	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-49-20-021814	2/18/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-49-20-042814	4/28/2014	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-49-20-080114	8/1/2014	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.029	U		<0.0074	U	
		VMP-49-20-102914	10/29/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-49-20-020215	2/3/2015	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-49-20-073015	7/30/2015	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-49-20-110315	11/3/2015	0.0017	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-49-20-020116	2/1/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-49-20-042616	4/26/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-49-20-080116	8/1/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-49-20-102716	10/27/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
	30 ft	VMP-49-30-020113	2/1/2013	0.12	J		<0.39	U		<0.28	U		<0.52	U		<0.65	U		<0.3	U		<1.3	U		<0.32	U	
		VMP-49-30-050813	5/8/2013	<1.6	U		<0.81	U		<0.6	U		<1.1	U		<1.4	U		<0.63	U		<2.7	U		<0.67	U	
		VMP-49-30-080613	8/6/2013	<0.39	U		<0.79	U		<0.58	U		<1.1	U		<1.3	U		<0.61	U		<1	U		<0.65	U	
		VMP-49-30-111113	11/11/2013	<0.52	U		<0.26	U		<0.19	U		<0.35	U		<0.44	U		<0.2	U		<0.86	U		<0.21	U	
		VMP-49-30-021814	2/18/2014	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-49-30-021814-Dup	2/18/2014	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-49-30-042814	4/28/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-49-30-080114	8/1/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-49-30-102914	10/29/2014	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-49-30-020215	2/3/2015	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-49-30-042815	4/28/2015	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-49-30-073015	7/30/2015	<0.58	U		<1.2	U		<0.86	U		<1.6	U		<2	U		<0.91	U		<1.5	U		<0.97	U	
		VMP-49-30-073015-DUP	7/30/2015	<0.57	U		<1.1	U		<0.84	U		<1.6	U		<1.9	U		<0.89	U		<1.5	U		<0.94	U	
		VMP-49-30-110315	11/3/2015	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-49-30-110315-DUP	11/3/2015	0.0017	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-49-30-020116	2/1/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-49-30-020116-DUP	2/1/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-49-30-042716	4/27/2016	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-49-30-042716-DUP	4/27/2016	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-49-30-080116	8/1/2016	0.01	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-49-30-080116-DUP	8/1/2016	0.009	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-49-30-102716	10/27/2016	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0014	J		<0.026	U		<0.0065	U	
		VMP-50-5-050713	5/7/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-50-5-080713	8/7/2013	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0013	J		<0.028	U		<0.0071	U	UJ
		VMP-50-5-110713	11/7/2013	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-50-5-022614	2/26/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-50-5-043014	4/30/2014	<0.013	J	U	<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		<0.0053	U		<0.022	U		<0.0056	U	
		VMP-50-5-081414	8/14/2014	0.0028	J		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-50-5-110614	11/6/2014	<0.016	U	UJ	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-50-5-021015	2/10/2015	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-50-5-050515	5/5/2015	<0.018	U		<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-50-5-073015	7/30/2015	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-50-5-110315	11/3/2015	0.002	J		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.0059	U	
		VMP-50-5-020216	2/2/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-50-5-050316	5/3/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U	UJ	<0.0068	U	
		VMP-50-5-080216	8/2/2016	<0.022	U		<0.011	U		<0.0083	U		<0.015	U		<0.019	U		<0.0088	U		<0.037	U		<0.0093	U	
		VMP-50-5-103116	10/31/2016	<0.028	U		<0.014	U		<0.01	U		<0.019	U		<0.024	U		<0.011	U		<0.047	U		<0.012	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-50	10 ft	VMP-50-10-020113	2/1/2013	0.0024	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.043			<0.028	U		<0.0071	U	
		VMP-50-10-050713	5/7/2013	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.016			<0.031	U		<0.0078	U	
		VMP-50-10-080713	8/7/2013	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.015			<0.029	U		<0.0073	U	UJ
		VMP-50-10-080713-Dup	8/7/2013	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.014			<0.029	U		<0.0074	U	UJ
		VMP-50-10-110713	11/7/2013	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.017			<0.026	U		<0.0066	U	
		VMP-50-10-022614	2/26/2014	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.013			<0.024	U		<0.006	U	
		VMP-50-10-043014	4/30/2014	<0.015	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0074			<0.024	U		<0.0061	U	
		VMP-50-10-081414	8/14/2014	<0.02	J	U	<0.01	U		<0.0073	U		<0.014	U		<0.017	U		0.017			<0.033	U		<0.0082	U	
		VMP-50-10-110614	11/6/2014	<0.016	U	UJ	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.013			<0.027	U		<0.0068	U	
		VMP-50-10-021015	2/10/2015	0.002	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0033	J		<0.026	U		<0.0064	U	
		VMP-50-10-050515	5/5/2015	0.0014	J		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0088			<0.027	U		<0.0069	U	
		VMP-50-10-073015	7/30/2015	<0.019	J	U	<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		0.022			<0.031	U		<0.0078	U	
		VMP-50-10-110315	11/3/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0096			<0.026	U		<0.0065	U	
		VMP-50-10-020216	2/2/2016	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0039	J		<0.025	U		<0.0063	U	
		VMP-50-10-050316	5/3/2016	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.01			<0.026	U	UJ	<0.0066	U	
		VMP-50-10-082616	8/26/2016	0.0022	J		<0.008	U		<0.0059	U		0.0013	J		<0.013	U		0.055			<0.026	U		<0.0066	U	
		VMP-50-10-103116	10/31/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.066			<0.027	U		<0.0068	U	
	20 ft	VMP-50-20-020113	2/1/2013	0.014	J		<0.034	U		<0.025	U		<0.046	U		<0.056	U		<0.026	U		<0.11	U		<0.028	U	
		VMP-50-20-050713	5/7/2013	0.071	J		<0.065	U		<0.048	U		<0.088	U		<0.11	U		<0.05	U		<0.21	U		<0.054	U	
		VMP-50-20-080713	8/7/2013	0.03	J		<0.031	U		<0.023	U		<0.042	U		<0.053	U		0.027			<0.1	U		<0.026	U	UJ
		VMP-50-20-110713	11/7/2013	0.015	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.061			<0.028	U		<0.0071	U	
		VMP-50-20-110713-Dup	11/7/2013	0.019			<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.064			<0.028	U		<0.0071	U	
		VMP-50-20-022614	2/26/2014	0.0091	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.051			<0.026	U		<0.0064	U	
		VMP-50-20-043014	4/30/2014	0.0088	J		<0.015	U		<0.011	U		<0.02	U		<0.025	U		0.035			<0.05	U		<0.012	U	
		VMP-50-20-081414	8/14/2014	0.006	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.028			<0.029	U		<0.0073	U	
		VMP-50-20-110614	11/6/2014	<0.014	U	UJ	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.032			<0.024	U		<0.006	U	
		VMP-50-20-021015	2/10/2015	0.0025	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0066			<0.024	U		<0.0061	U	
		VMP-50-20-050515	5/5/2015	0.0019	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.012			<0.03	U		<0.0074	U	
		VMP-50-20-073015	7/30/2015	0.0041	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.02			<0.029	U		<0.0072	U	
		VMP-50-20-110315	11/3/2015	0.0041	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.016			<0.028	U		<0.0071	U	
		VMP-50-20-020216	2/2/2016	0.0019	J		<0.01	U		<0.0077	U		<0.014	U		<0.018	U		0.016			<0.034	U		<0.0086	U	
		VMP-50-20-050316	5/3/2016	0.0014	J		<0.01	U		<0.0074	U		<0.014	U		<0.017	U		0.022			<0.033	U	UJ	<0.0083	U	
		VMP-50-20-082616	8/26/2016	0.0023	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.033			<0.028	U		<0.0071	U	
		VMP-50-20-103116	10/31/2016	0.0038	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.068			<0.029	U		<0.0073	U	
	30 ft	VMP-50-30-020113	2/1/2013	2.8	J		<8.1	U		<6	U		<11	U		<14	U		<6.3	U		<27	U		<6.7	U	
		VMP-50-30-050713	5/7/2013	<9.6	U		<4.8	U		<3.5	U		<6.6	U		<8.1	U		<3.8	U		<16	U		<4	U	
		VMP-50-30-080713	8/7/2013	<4.4	U		<8.9	U		<6.5	U		<12	U		<15	U		<6.9	U		<12	U		<7.3	U	
		VMP-50-30-110713	11/7/2013	<0.71	U		<1.4	U		<1	U		<1.9	U		<2.4	U		<1.1	U		<1.9	U		<1.2	U	
		VMP-50-30-022614	2/26/2014	<0.65	U		<1.3	U		<0.97	U		<1.8	U		<2.2	U		<1	U		<1.7	U		<1.1	U	
		VMP-50-30-022614-Dup	2/26/2014	<0.6	U		<1.2	U		<0.89	U		<1.6	U		<2	U		<0.95	U		<1.6	U		<1	U	
		VMP-50-30-043014	4/30/2014	0.73	J		<4	U		<2.9	U		<5.4	U		<6.6	U		<3.1	U		<13	U		<3.3	U	
		VMP-50-30-043014-DUP	4/30/2014	0.7	J		<3.9	U		<2.8	U		<5.3	U		<6.5	U		<3	U		<13	U		<3.2	U	
		VMP-50-30-081414	8/14/2014	<0.16	U	UJ	<0.33	U		<0.24	U		<0.45	U		<0.55	U	UJ	<0.26	U		<0.43	U	UJ	<0.27	U	
		VMP-50-30-081414-Dup	8/14/2014	<0.15	U	UJ	<0.31	U		<0.22	U		<0.41	U		<0.51	U	UJ	<0.24	U		<0.4	U	UJ	<0.25	U	
		VMP-50-30-110614	11/6/2014	<0.39	U		<0.78	U		<0.57	U		<1.1	U		<1.3	U		<0.61	U		<1	U		<0.64	U	
		VMP-50-30-110614-DUP	11/6/2014	<0.44	U		<0.89	U		<0.65	U		<1.2	U		<1.5	U		<0.69	U		<1.2	U		<0.73	U	
		VMP-50-30-021015	2/10/2015	<3.9	U		<2	U		<1.4	U		<2.7	U		<3.3	U		<1.5	U		<6.4	U		<1.6	U	
		VMP-50-30-050515	5/5/2015	<0.92	U		<1.8	U		<1.4	U		<2.5	U		<3.1	U		<1.4	U		<2.4	U		<1.5	U	
		VMP-50-30-061515-R	6/15/2015	<0.43	U		<0.86	U		<0.63	U		<1.2	U		<1.4	U		<0.67	U		<1.1	U		<0.71	U	
		VMP-50-30-073015	7/30/2015	<0.61	U		<1.2	U		<0.91	U		<1.7	U		<2.1	U		<0.96	U		<1.6	U		<1	U	
		VMP-50-30-110315	11/3/2015	<0.042	U		<0.085	U		<0.062	U		<0.11	U		<0.14	U		<0.066	U		<0.11	U		<0.07	U	UJ
		VMP-50-30-020216	2/2/2016	<1.3	U	UJ	<2.6	U		<1.9	U		<3.5	U		<4.3	U		<2	U		<3.4	U		<2.1	U	
		VMP-50-30-020216-DUP	2/2/2016	<1.4	U	UJ	<2.9	U		<2.1	U		<3.9	U		<4.8	U		<2.2	U		<3.8	U		<2.4	U	
		VMP-50-30-050316	5/3/2016	<0.15	U		<0.3	U		<0.22	U		<0.41	U		<0.5	U		<0.23	U		<0.4	U		<0.25	U	
		VMP-50-30-080216	8/2/2016	0.012	J		<0.089	U		<0.065	U		<0.12	U		<0.15	U		<0.069	U		<0.12	U		<0.073	U	
		VMP-50-30-103116	10/31/2016	<0.35	U		<0.18	U		<0.13	U		<0.24	U		<0.3	U		<0.14	U		<0.23	U		<0.14	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0038	J		<0.028	U		<0.0071	U	
		VMP-51-5-050213	5/2/2013	0.024			<0.008	U		<0.0058	J	U	<0.011	U		<0.013	U		0.0067			<0.026	U		<0.0066	U	
		VMP-51-5-080713	8/7/2013	<0.034	U		<0.017	U		<0.013	U		<0.023	U		<0.029	U		0.0021	J		<0.057	U		<0.014	U	UJ
		VMP-51-5-103013	10/30/2013	0.0013	J		0.00028	J		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-51-5-021814	2/18/2014	<0.014	U		<0.0073	U		<0.0053	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-51-5-042814	4/28/2014	<0.018	U		<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-51-5-080114	8/1/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-51-05-102914	10/29/2014	<0.015	U		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-51-5-020315	2/3/2015	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-51-5-042915	4/29/2015	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-51-5-072115	7/21/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	J	U	<0.027	U		<0.0068	U	
		VMP-51-5-102815	10/28/2015	0.011	J		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		0.0047	J		<0.0078	U	
		VMP-51-5-012516	1/25/2016	<0.014	J	U	<0.0071	U		<0.0052	U		<0.0096	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-51-5-042816	4/28/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-51-5-072716	7/27/2016	0.0048	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-51-5-101916	10/19/2016	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
	10 ft	VMP-51-10-020113	2/1/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.011			<0.028	U		<0.0071	U	
		VMP-51-10-050213	5/2/2013	0.011	J		<0.009	U		<0.0066	J	U	<0.012	U		<0.015	U		0.0058	J		<0.03	U		<0.0074	U	
		VMP-51-10-080713	8/7/2013	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0035	J		<0.029	U		<0.0073	U	UJ
		VMP-51-10-103013	10/30/2013	0.0012	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0019	J		0.00028	J		<0.0068	U	
		VMP-51-10-021814	2/18/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-51-10-042814	4/28/2014	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-51-10-080114	8/1/2014	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		0.0024	J		<0.027	U		<0.0068	U	
		VMP-51-10-102914	10/29/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.00093	J		<0.027	U		<0.0068	U	
		VMP-51-10-020315	2/3/2015	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-51-10-042915	4/29/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-51-10-072115	7/21/2015	<0.019	J	U	<0.0095	U		<0.007	U		<0.013	U		<0.016	U		0.0032	J		<0.031	U		<0.0078	U	
		VMP-51-10-102815	10/28/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-51-10-012516	1/25/2016	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-51-10-042816	4/28/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-51-10-042816-DUP	4/28/2016	0.013	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-51-10-072716	7/27/2016	<0.018	U		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-51-10-101916	10/19/2016	0.0029	J		<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		0.00085	J		<0.024	U		<0.006	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.02			<0.027	U		<0.0068	U	
		VMP-51-20-050213	5/2/2013	<0.017	J	U	<0.0088	U		<0.0064	J	U	<0.012	U		<0.015	U		0.005	J		<0.029	U		<0.0072	U	
		VMP-51-20-080713	8/7/2013	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.004	J		<0.031	U		<0.0077	U	
		VMP-51-20-103013	10/30/2013	0.0012	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0082			0.0007	J		<0.0068	U	
		VMP-51-20-021814	2/18/2014	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-51-20-042814	4/28/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-51-20-080114	8/1/2014	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0071			<0.03	U		<0.0075	U	
		VMP-51-20-102914	10/29/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0034	J		<0.026	U		<0.0065	U	
		VMP-51-20-020315	2/3/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0013	J		<0.026	U		<0.0065	U	
		VMP-51-20-042915	4/29/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0012	J		<0.026	U		<0.0065	U	
		VMP-51-20-072115	7/21/2015	<0.022	J	U	<0.011	U		<0.0082	U		<0.015	U		<0.019	U		0.003	J		<0.037	U		<0.0092	U	
		VMP-51-20-102815	10/28/2015	0.064			<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	J	U	<0.026	U		<0.0065	U	
		VMP-51-20-012516	1/25/2016	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-51-20-042816	4/28/2016	<0.02	U		<0.0099	U		<0.0072	U		<0.013	U		<0.017	U		<0.0077	U		<0.032	U		<0.0082	U	
		VMP-51-20-052516-R	5/25/2016	0.003	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-51-20-072716	7/27/2016	0.0056	J		<0.01	U		<0.0074	U		<0.014	U		<0.017	U		0.0013	J		<0.033	U		<0.0083	U	
		VMP-51-20-101916-Dup	10/19/2016	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0018	J		<0.026	U		<0.0066	U	
		VMP-51-20-101916	10/19/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0013	J		<0.026	U		<0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	30 ft	VMP-51-30-020413	2/4/2013	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.016			<0.03	U		<0.0075	U	
		VMP-51-30-020413-DUP	2/4/2013	<0.018	J	U	<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.015			<0.029	U		<0.0073	U	
		VMP-51-30-050213	5/2/2013	<0.018	J	U	<0.009	U		<0.0066	J	U	<0.012	U		<0.015	U		0.0054	J		<0.03	U		<0.0074	J	U
		VMP-51-30-080713	8/7/2013	<0.019	J	U	<0.0095	U		<0.007	J	U	<0.013	U		<0.016	U		0.003	J		<0.031	U		<0.0078	J	U
		VMP-51-30-103013	10/30/2013	<0.032	U		<0.016	U		<0.012	U		<0.022	U		<0.027	U		0.0062	J		<0.054	U		<0.013	U	
		VMP-51-30-021814	2/18/2014	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0022	J		<0.028	U		<0.0071	U	
		VMP-51-30-042814	4/28/2014	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-51-30-080114	8/1/2014	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0021	J		<0.029	U		<0.0072	U	
		VMP-51-30-102914	10/29/2014	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.01			0.0073	J		<0.0066	U	
		VMP-51-30-102914-DUP	10/29/2014	0.0039	J		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0081			<0.028	U		<0.0069	U	
		VMP-51-30-020315	2/3/2015	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.0029	J		<0.026	U		<0.0064	U	
		VMP-51-30-020315-DUP	2/3/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.003	J		<0.027	U		<0.0068	U	
		VMP-51-30-042915	4/29/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0022	J		<0.028	U		<0.0071	U	
		VMP-51-30-042915-DUP	4/29/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-51-30-072115	7/21/2015	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.013	U		0.0038	J		<0.026	U		<0.0066	U	
		VMP-51-30-102815	10/28/2015	<0.019	J	U	<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.014			<0.032	U		<0.008	U	
		VMP-51-30-012516	1/25/2016	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.005	J		<0.028	U		<0.0071	U	
		VMP-51-30-012516-DUP	1/25/2016	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0039	J		<0.027	U		<0.0068	U	
		VMP-51-30-042816	4/28/2016	0.00082	J		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.002	J		<0.026	U		<0.0066	U	
		VMP-51-30-072716	7/27/2016	<0.017	J	U	<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.0075			<0.028	U		<0.0069	U	
		VMP-51-30-072716-DUP	7/27/2016	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		0.0066			<0.027	U		<0.0068	U	
		VMP-51-30-101916	10/19/2016	0.0079	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0016	J		<0.029	U		<0.0072	U	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-52-5-050213	5/2/2013	<0.018	J	U	<0.0094	U		<0.0068	J	U	<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	J	U
		VMP-52-5-050213-Dup	5/2/2013	<0.017	J	U	<0.0088	U		<0.0064	J	U	<0.012	J	U	<0.015	U		<0.0068	U		<0.029	U		<0.0072	J	U
		VMP-52-5-080713	8/7/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0018	J		<0.029	U		<0.0073	J	U
		VMP-52-5-103013	10/30/2013	0.0013	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0012	J		0.00031	J		<0.0068	U	
		VMP-52-5-022114	2/21/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-52-5-050514	5/5/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-52-5-050514-Dup	5/5/2014	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-52-5-080114	8/1/2014	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0024	J		<0.028	U		<0.0071	U	
		VMP-52-5-103114	10/31/2014	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-52-5-020415	2/4/2015	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-52-5-042915	4/29/2015	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-52-5-072715	7/27/2015	<0.018	J	U	<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		0.0013	J		<0.03	U		<0.0076	U	
		VMP-52-5-102915	10/29/2015	0.029			<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.0014	J		<0.029	U		<0.0072	U	
		VMP-52-5-012516	1/25/2016	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-52-5-042516	4/25/2016	0.0053	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-52-5-072716	7/27/2016	<0.018	J	U	<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		0.0018	J		<0.03	U		<0.0076	U	
		VMP-52-5-102716	10/27/2016	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0064	U	
	10 ft	VMP-52-10-020413	2/4/2013	0.023			<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.002	J		<0.025	U		<0.0062	U	
		VMP-52-10-051613	5/16/2013	0.15			<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-52-10-080713	8/7/2013	0.0048	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0015	J		<0.03	U		<0.0075	J	U
		VMP-52-10-103013	10/30/2013	0.0013	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0012	J		<0.027	U		<0.0068	U	
		VMP-52-10-022114	2/21/2014	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-52-10-080114	8/1/2014	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-52-10-103114	10/31/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-52-10-020415	2/4/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-52-10-042915	4/29/2015	<0.02	U		<0.01	U		<0.0076	U		<0.014	U		<0.017	U		<0.008	U		<0.034	U		<0.0085	U	
		VMP-52-10-072715	7/27/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0017	J		<0.028	U		<0.007	U	
		VMP-52-10-102915	10/29/2015	0.0051	J		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.00099	J		<0.031	U		<0.0077	U	
		VMP-52-10-012516	1/25/2016	<0.016	J	U	<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-52-10-042516	4/25/2016	0.00088	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-52-10-072716	7/27/2016	0.016	J		<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.0013	J		0.0042	J		<0.0081	U	
		VMP-52-10-102716	10/27/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-52	20 ft	VMP-52-20-020413	2/4/2013	0.0092	J		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		0.0025	J		<0.028	U		<0.0069	U	
		VMP-52-20-020413-DUP	2/4/2013	0.0088	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0023	J		<0.026	U		<0.0066	U	
		VMP-52-20-050213	5/2/2013	<0.019	J	U	<0.0095	U		<0.0069	J	U	<0.013	U		<0.016	U		0.0088			<0.031	U		<0.0078	J	U
		VMP-52-20-080713	8/7/2013	<0.019	J	U	<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		0.012			<0.032	U		<0.008	U	
		VMP-52-20-103013	10/30/2013	0.0028	J		<0.0093	U		<0.0068	U		0.00054	J		<0.016	U		0.0041	J		0.00086	J		<0.0076	U	
		VMP-52-20-022114	2/21/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.004	J		<0.029	U		<0.0072	U	
		VMP-52-20-042914	4/29/2014	0.0029	J		0.0026	J		<0.0061	U		<0.011	U		<0.014	U		0.017			0.016	J		<0.0068	U	
		VMP-52-20-082014-R	8/20/2014	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0029	J		<0.028	U		<0.0071	U	
		VMP-52-20-103114	10/31/2014	0.0051	J		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0024	J		<0.026	U		<0.0066	U	
		VMP-52-20-020415	2/4/2015	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.0067			<0.028	U		<0.007	U	
		VMP-52-20-042915	4/29/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.012			<0.028	U		<0.0071	U	
		VMP-52-20-072715	7/27/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0057	J		<0.029	U		<0.0073	U	
		VMP-52-20-102915	10/29/2015	0.0045	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0087			<0.027	U		<0.0068	U	
		VMP-52-20-012516	1/25/2016	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.012			<0.028	U		<0.0071	U	
		VMP-52-20-042516	4/25/2016	0.00092	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.024			<0.03	U		<0.0077	U	
		VMP-52-20-072716	7/27/2016	<0.02	J	U	<0.01	U		<0.0076	U		<0.014	U		<0.017	U		0.045			<0.034	U		<0.0085	U	
		VMP-52-20-102716	10/27/2016	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.031			<0.026	U		<0.0066	U	
	30 ft	VMP-52-30-020413	2/4/2013	<0.018	J	U	<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-52-30-050613	5/6/2013	0.0097	J	J	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0067			<0.028	U		<0.0071	U	
		VMP-52-30-080713	8/7/2013	0.0091	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0063	J		<0.03	U		<0.0075	U	
		VMP-52-30-103013	10/30/2013	0.0047	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		0.0037	J		0.0009	J		<0.0073	U	
		VMP-52-30-022114	2/21/2014	0.0058	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0045	J		<0.026	U		<0.0066	U	
		VMP-52-30-022114-Dup	2/21/2014	0.0059	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0038	J		<0.026	U		<0.0065	U	
		VMP-52-30-042914	4/29/2014	0.0054	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0038	J		<0.026	U		<0.0065	U	
		VMP-52-30-042914-DUP	4/29/2014	0.006	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0042	J		<0.03	U		<0.0075	U	
		VMP-52-30-080114	8/1/2014	0.0044	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0035	J		<0.028	U		<0.0071	U	
		VMP-52-30-080114-Dup	8/1/2014	0.0041	J		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0026	J		<0.027	U		<0.0068	U	
		VMP-52-30-103114	10/31/2014	0.005	J		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0014	J		<0.028	U		<0.0069	U	
		VMP-52-30-020415	2/4/2015	0.0039	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0055	J		<0.029	U		<0.0073	U	
		VMP-52-30-020415-DUP	2/4/2015	0.0036	J		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0055	J		<0.027	U		<0.0069	U	
		VMP-52-30-042915	4/29/2015	0.0026	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.015			<0.025	U		<0.0063	U	
		VMP-52-30-072715	7/27/2015	0.0035	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0077			<0.03	U		<0.0074	U	
		VMP-52-30-102915	10/29/2015	0.0029	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0079			<0.026	U		<0.0066	U	
		VMP-52-30-020216-R	2/2/2016	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.01			<0.03	U		<0.0075	U	
		VMP-52-30-042516	4/25/2016	0.018			<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.021			<0.027	U		<0.0068	U	
		VMP-52-30-072716	7/27/2016	<0.02	J	U	<0.01	U		<0.0076	U		<0.014	U		<0.017	U		0.035			<0.034	U		<0.0085	U	
		VMP-52-30-102716	10/27/2016	0.0032	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.027			<0.03	U		<0.0077	U	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-53-5-050213	5/2/2013	<0.019	J	U	<0.0096	U		<0.007	J	U	<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.0079	J	U
		VMP-53-5-071113-R	7/11/2013	0.0067	J		<0.013	U		0.0063	J		0.0022	J		<0.022	U		<0.01	U		<0.042	U		0.004	J	
		VMP-53-5-080613	8/6/2013	<0.034	U		<0.017	U		<0.012	U		<0.023	U		<0.028	U		<0.013	U		<0.056	U		<0.014	U	
		VMP-53-5-103013	10/30/2013	0.018	J		<0.016	U		<0.012	U		<0.021	U		<0.026	U		<0.012	U		0.0005	J		<0.013	U	
		VMP-53-5-022114	2/21/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-53-5-042514	4/25/2014	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-53-5-073014	7/30/2014	0.019			<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-53-5-102914	10/29/2014	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-53-5-020415	2/4/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-53-5-050415	5/4/2015	<0.018	U		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-53-5-072415	7/24/2015	0.0026	J		<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.008	U	
		VMP-53-5-102815	10/28/2015	0.065			<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-53-5-012816	1/28/2016	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-53-5-042816	4/28/2016	0.0012	J		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-53-5-072916	7/29/2016	<0.02	U		<0.0099	U		<0.0072	U		<0.013	U		<0.017	U		<0.0077	U		<0.032	U		<0.0082	U	
		VMP-53-5-102516	10/25/2016	0.0014	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	ND,UJ	UJ	<0.0071	U	
		VMP-53-5-120916	12/9/2016	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	10 ft	VMP-53-10-020513	2/5/2013	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-53-10-020513-DUP	2/5/2013	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-53-10-050313	5/3/2013	<0.017	U		<0.0088	U		<0.0064	J	U	<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-53-10-071113-R	7/11/2013	0.0045	J		<0.0097	U		<0.0071	J	U	<0.013	U		<0.016	U		0.027			<0.032	U		<0.008	J	U
		VMP-53-10-080613	8/6/2013	<0.036	U		<0.018	U		<0.013	U		<0.025	U		<0.03	U		0.0074	J		<0.06	U		<0.015	U	
		VMP-53-10-080613-Dup	8/6/2013	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0084			<0.03	U		<0.0074	U	
		VMP-53-10-103013	10/30/2013	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-53-10-022114	2/21/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-53-10-042514	4/25/2014	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-53-10-073014	7/30/2014	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0018	J		<0.03	U		<0.0075	U	
		VMP-53-10-102914	10/29/2014	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-53-10-020415	2/4/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-53-10-050415	5/4/2015	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.002	J		<0.026	U		<0.0064	U	
		VMP-53-10-072415	7/24/2015	0.0021	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.03			<0.029	U		<0.0072	U	
		VMP-53-10-102815	10/28/2015	0.017			<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		0.0028	J		<0.0067	U	
		VMP-53-10-012816	1/28/2016	<0.02	J	U	<0.0099	U		<0.0073	U		<0.013	U		<0.017	U		<0.0077	U		<0.033	U		<0.0082	U	
		VMP-53-10-042816	4/28/2016	0.00076	J		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-53-10-082616	8/26/2016	0.013	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0063			<0.026	U		<0.0065	U	
		VMP-53-10-102516	10/25/2016	0.001	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	ND,UJ	UJ	<0.0072	U	
		VMP-53-10-120916	12/9/2016	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
	20 ft	VMP-53-20-020513	2/5/2013	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0051	J		<0.027	U		<0.0068	U	
		VMP-53-20-050313	5/3/2013	<0.018	J	U	<0.0091	U		<0.0067	J	U	<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-53-20-071113-R	7/11/2013	0.0041	J		<0.01	U		<0.0073	J	U	<0.014	U		<0.017	U		<0.0077	U		<0.033	U		<0.0082	U	
		VMP-53-20-080613	8/6/2013	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.0021	J		<0.031	U		<0.0077	U	
		VMP-53-20-103013	10/30/2013	0.0012	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0013	J		0.00027	J		<0.0071	U	
		VMP-53-20-103013-Dup	10/30/2013	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0017	J		<0.028	U		<0.0071	U	
		VMP-53-20-022114	2/21/2014	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0011	J		<0.026	U		<0.0064	U	
		VMP-53-20-042514	4/25/2014	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-53-20-073014	7/30/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		0.0024	J		<0.028	U		<0.0071	U	
		VMP-53-20-102914	10/29/2014	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0016	J		<0.03	U		<0.0074	U	
		VMP-53-20-020415	2/4/2015	0.0025	J		<0.018	U		<0.013	U		<0.024	U		<0.03	U		<0.014	U		<0.058	U		<0.014	U	
		VMP-53-20-050415	5/4/2015	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-53-20-072415	7/24/2015	0.002	J		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.0037	J		<0.031	U		<0.0079	U	
		VMP-53-20-102815	10/28/2015	0.017	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-53-20-021616	2/16/2016	<0.02	J	U	<0.01	U		<0.0074	U		<0.014	U		<0.017	U		0.0065	J		<0.033	U		<0.0083	U	
		VMP-53-20-042816	4/28/2016	0.00071	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.019			<0.028	U		<0.007	U	
		VMP-53-20-072916	7/29/2016	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		0.045			<0.031	U		<0.0079	U	
		VMP-53-20-102516	10/25/2016	0.0027	J		<0.015	U		<0.011	U		<0.02	U		<0.025	U		0.093			<0.049	U		<0.012	U	
		VMP-53-20-120916	12/9/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.12			<0.026	U		<0.0065	U	
	30 ft	VMP-53-30-020513	2/5/2013	<0.017	J	U	<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.012			<0.028	U		<0.007	U	
		VMP-53-30-050313	5/3/2013	<0.017	J	U	<0.0087	U		<0.0064	J	U	<0.012	U		<0.015	U		0.0071			<0.029	U		<0.0072	U	
		VMP-53-30-071113-R	7/11/2013	0.005	J		<0.01	U		<0.0076	J	U	<0.014	U		<0.017	U		0.0055	J		<0.034	U		<0.0085	U	
		VMP-53-30-080613	8/6/2013	<0.021	U		<0.01	U		<0.0076	U		<0.014	U		<0.017	U		0.0044	J		<0.034	U		<0.0086	U	
		VMP-53-30-103013	10/30/2013	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.014			<0.029	U		<0.0074	U	
		VMP-53-30-022114	2/21/2014	<0.014	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0095			<0.024	U		<0.006	U	
		VMP-53-30-042514	4/25/2014	<0.017	J	U	<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-53-30-042514-DUP	4/25/2014	<0.018	J	U	<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-53-30-073014	7/30/2014	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		0.0068			<0.028	U		<0.0069	U	
		VMP-53-30-073014-Dup	7/30/2014	<0.018	U		<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		0.0075			<0.03	U		<0.0076	U	
		VMP-53-30-102914	10/29/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.017			<0.027	U		<0.0068	U	
		VMP-53-30-020415	2/4/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0098			<0.026	U		<0.0066	U	
		VMP-53-30-050415	5/4/2015	0.0032	J		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		0.0044	J		<0.031	U		<0.0078	U	
		VMP-53-30-072415	7/24/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	J	U	<0.029	U		<0.0073	U	
		VMP-53-30-102815	10/28/2015	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		0.0054	J		<0.03	U		<0.0077	U	
		VMP-53-30-012816	1/28/2016	<0.017	J	U	<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.021			<0.028	U		<0.007	U	
		VMP-53-30-042816	4/28/2016	<0.019	U		<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		0.14			<0.032	U		<0.0079	U	
		VMP-53-30-052516-R	5/25/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.19			<0.027	U		<0.0068	U	
		VMP-53-30-072916	7/29/2016	<0.013	U		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		0.24			<0.022	U		<0.0056	U	
		VMP-53-30-102516	10/25/2016	<0.031	U		<0.016	U		<0.012	U		<0.021	U		<0.026	U		0.26			<0.052	U		<0.013	U	
		VMP-53-30-120916	12/9/2016	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.24			<0.03	U		<0.0074	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11									
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-54-5-050213	5/2/2013	<0.016	J	U	<0.008	U		<0.0058	J	U	<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	J	U
		VMP-54-5-080613	8/6/2013	<0.02	U		<0.01	U		<0.0076	U		<0.014	U		<0.017	U		<0.008	U		<0.034	U		<0.0085	U	
		VMP-54-5-103013	10/30/2013	0.00077	J		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-54-5-021014	2/10/2014	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-54-5-042514	4/25/2014	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-54-5-073014	7/30/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-54-5-102914	10/29/2014	<0.017	U		<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-54-5-020515	2/5/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-54-5-050415	5/4/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-54-5-072415	7/24/2015	<0.019	J	U	<0.0098	U		<0.0072	U		<0.013	U		<0.016	U		<0.0076	U		<0.032	U		<0.008	U	
		VMP-54-5-102715	10/27/2015	<0.014	J	U	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-54-5-012816	1/28/2016	<0.018	J	U	<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-54-5-042916	4/29/2016	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-54-5-080116	8/1/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-54-5-102816	10/28/2016	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
	10 ft	VMP-54-10-020613	2/6/2013	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-54-10-050213	5/2/2013	<0.018	J	U	<0.0093	U		<0.0068	J	U	<0.013	U		<0.016	U		<0.0072	U		0.0043	J		<0.0077	J	U
		VMP-54-10-080613	8/6/2013	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-54-10-103013	10/30/2013	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		0.00055	J		<0.007	U	
		VMP-54-10-021014	2/10/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-54-10-050814-R	5/8/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-54-10-073014	7/30/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-54-10-102914	10/29/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-54-10-020515	2/5/2015	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-54-10-050415	5/4/2015	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-54-10-072415	7/24/2015	<0.02	J	U	<0.01	U		<0.0076	U		<0.014	U		<0.017	U		<0.008	U		0.0055	J	J	<0.0085	U	
		VMP-54-10-102715	10/27/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-54-10-012816	1/28/2016	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-54-10-042916	4/29/2016	0.0014	J		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-54-10-080116	8/1/2016	0.005	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-54-10-102816	10/28/2016	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
	20 ft	VMP-54-20-020613	2/6/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-54-20-020613-DUP	2/6/2013	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-54-20-050213	5/2/2013	<0.017	J	U	<0.0085	U		<0.0062	J	U	<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	J	U
		VMP-54-20-080613	8/6/2013	<0.02	U		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		<0.0082	U	
		VMP-54-20-103013	10/30/2013	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-54-20-021014	2/10/2014	<0.017	J	U	<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-54-20-042514	4/25/2014	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-54-20-073014	7/30/2014	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-54-20-102914	10/29/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-54-20-020515	2/5/2015	0.0028	J		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-54-20-050415	5/4/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-54-20-072415	7/24/2015	<0.019	J	U	<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-54-20-102715	10/27/2015	0.0049	J		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-54-20-102715-DUP	10/27/2015	<0.014	J	U	<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-54-20-012816	1/28/2016	<0.019	J	U	<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-54-20-050516	5/5/2016	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U	UJ	<0.0067	U	
		VMP-54-20-050516-DUP	5/5/2016	0.0013	J		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	UJ	<0.0073	U	
		VMP-54-20-080116	8/1/2016	0.0039	J		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-54-20-102816	10/28/2016	<0.017	U		<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
	30 ft	VMP-54-30-020613	2/6/2013	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-54-30-020613-DUP	2/6/2013	<0.018	J	U	<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-54-30-050213	5/2/2013	<0.018	U		<0.0091	U		<0.0066	J	U	<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-54-30-050213-Dup	5/2/2013	<0.018	J	U	<0.0091	U		<0.0066	J	U	<0.012	J	U	<0.015	U		<0.007	U		<0.03	U		<0.0074	J	U
		VMP-54-30-103013	10/30/2013	0.00032	J		<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		<0.0073	U		0.0012	J		<0.0077	U	
		VMP-54-30-021014	2/10/2014	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-54-30-042514	4/25/2014	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-54-30-073014	7/30/2014	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0074	U	
		VMP-54-30-110614-R	11/6/2014	0.0086	J	J	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-54-30-021215	2/12/2015	0.0033	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-54-30-050415	5/4/2015	0.0026	J		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-54-30-080315	8/3/2015	0.0044	J		<0.0097	U		<0.0071	U		<0.013	U		<0.016	U		0.0029	J		0.0038	J		<0.008	U	
		VMP-54-30-102715	10/27/2015	0.012	J		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-54-30-012816	1/28/2016	<0.018	J	U	<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-54-30-042916	4/29/2016	0.00071	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-54-30-042916-DUP	4/29/2016	0.0012	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-54-30-080116	8/1/2016	0.0055	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.002	J		<0.028	U		<0.007	U	
		VMP-54-30-102816	10/28/2016	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0012	J		<0.027	U		<0.0068	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-110414	11/4/2014	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0022	J		<0.03	U		<0.0074	U	
		VMP-55-5-110414-DUP	11/4/2014	<0.014	U		<0.0071	U		<0.0052	U		<0.0097	U		<0.012	U		0.0022	J		<0.023	U		<0.0059	U	
		VMP-55-5-020515	2/5/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-55-5-050615	5/6/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-55-5-110215	11/2/2015	0.017	J		<0.059	U		<0.043	U		<0.08	U		<0.099	U		<0.046	U		<0.19	U		<0.049	U	
		VMP-55-5-020416	2/4/2016	<0.041	U	UJ	<0.083	U		<0.061	U		<0.11	U		<0.14	U		<0.064	U		<0.11	U		<0.068	U	
		VMP-55-5-082616	8/26/2016	0.0032	J		<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.0079	U	
	20 ft	VMP-55-20-021513	2/15/2013	<11	U		<22	U		<16	U		<29	U		<36	U		<17	U		<28	U		<18	U	
		VMP-55-20-050113	5/1/2013	<72	U		<36	U		<27	U		<49	U		<61	U		<28	U		<120	U		<30	U	
		VMP-55-20-080713	8/7/2013	<2.5	U		<5	U		<3.6	U		<6.7	U		<8.3	U		<3.8	U		<6.5	U		<4.1	U	
		VMP-55-20-110813	11/8/2013	<0.69	U		<1.4	U		<1	U		<1.9	U		<2.3	U		<1.1	U		<1.8	U		<1.1	U	
		VMP-55-20-021814	2/18/2014	<0.18	U		<0.37	U		<0.27	U		<0.51	U		<0.63	U		<0.29	U		<0.49	U		<0.31	U	
		VMP-55-20-050514	5/5/2014	<2	U		<4	U		<2.9	U		<5.4	U		<6.7	U		<3.1	U		<5.2	U		<3.3	U	
		VMP-55-20-050514-Dup	5/5/2014	<2.1	U		<4.3	U		<3.2	U		<5.9	U		<7.3	U		<3.4	U		<5.7	U		<3.6	U	
		VMP-55-20-081314	8/13/2014	<0.81	U	UJ	<1.6	U		<1.2	U		<2.2	U		<2.8	U	UJ	<1.3	U		<2.2	U	UJ	<1.4	U	
		VMP-55-20-110414	11/4/2014	<0.37	U		<0.74	U		<0.54	U		<1	U		<1.2	U		<0.58	U		<0.97	U		<0.61	U	
		VMP-55-20-020515	2/5/2015	<1.6	U		<0.81	U		<0.59	U		<1.1	U		<1.4	U		<0.63	U		<2.7	U		<0.67	U	
		VMP-55-20-050615	5/6/2015	1.1	J		<5.3	U		<3.9	U		<7.2	U		<8.9	U		<4.1	U		<17	U		<4.4	U	
		VMP-55-20-072915	7/29/2015	0.019	J		<0.086	U		<0.063	U		<0.12	U		<0.14	U		<0.067	U		<0.28	U		<0.071	U	
		VMP-55-20-072915-DUP	7/29/2015	0.018	J		<0.091	U		<0.067	U		<0.12	U		<0.15	U		<0.071	U		<0.3	U		<0.075	U	
		VMP-55-20-110215	11/2/2015	<1.2	U		<2.5	U		<1.8	U		<3.4	U		<4.2	U		<2	U		<3.3	U		<2.1	U	UJ
		VMP-55-20-020416	2/4/2016	<0.41	U	UJ	<0.83	U		<0.61	U		<1.1	U		<1.4	U		<0.65	U		<1.1	U		<0.68	U	
		VMP-55-20-020416-DUP	2/4/2016	<0.37	U	UJ	<0.75	U		<0.55	U		<1	U		<1.3	U		<0.58	U		<0.99	U		<0.62	U	
		VMP-55-20-050416	5/4/2016	<0.57	U		<1.1	U		<0.84	U		<1.6	U		<1.9	U		<0.89	U		<1.5	U		<0.94	U	
		VMP-55-20-080316	8/3/2016	<1.2	U		<0.58	U		<0.43	U		<0.79	U		<0.98	U		<0.45	U		<0.77	U		<0.48	U	
		VMP-55-20-110116	11/1/2016	0.82	J		<0.87	U		<0.64	U		<1.2	U		<1.4	U		<0.67	U		<2.8	U		<0.71	U	
	30 ft	VMP-55-30-030915	3/9/2015	<1.1	U		<2.2	U		<1.6	U		<2.9	U		<3.6	U		<1.7	U		<2.8	U		<1.8	U	
		VMP-55-30-050615	5/6/2015	1.4	J		<7.4	U		<5.4	U		<10	U		<12	U		<5.7	U		<24	U		<6.1	U	
		VMP-55-30-050615-DUP	5/6/2015	1.3	J		<7.4	U		<5.4	U		<10	U		<12	U		<5.8	U		<24	U		<6.1	U	
		VMP-55-30-061515-Dup-R	6/15/2015	<0.049	U		<0.099	U		<0.072	U		<0.13	U		<0.17	U		<0.077	U		<0.13	U		0.1		
		VMP-55-30-061515-R	6/15/2015	<0.04	U		<0.08	U		<0.059	U		<0.11	U		<0.13	U		<0.062	U		<0.1	U		<0.066	U	
VMP-56	10 ft	VMP-56-10-050114	5/1/2014	0.0034	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-56-10-081214	8/12/2014	<0.019	J	U	<0.0095	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-56-10-110514	11/5/2014	<0.014	U		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.001	J		<0.024	U	UJ	<0.006	U	
		VMP-56-10-021015	2/10/2015	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-56-10-110315	11/3/2015	0.0024	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-56-10-020416	2/4/2016	0.0013	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-56-10-050516	5/5/2016	0.0021	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U	UJ	<0.0073	U	
		VMP-56-10-072716	7/27/2016	<0.017	J	U	<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0012	J		<0.029	ND,UJ	UJ	<0.0072	U	
		VMP-56-10-102416	10/24/2016	0.0016	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.009			0.0029	J		<0.0068	U	
	25 ft	VMP-56-25-050114	5/1/2014	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0035	J		<0.026	U		<0.0064	U	
		VMP-56-25-081214	8/12/2014	0.0062	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		0.0059	J		0.0043	J		<0.007	U	
		VMP-56-25-110514	11/5/2014	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0067			<0.027	U	UJ	<0.0068	U	
		VMP-56-25-021015	2/10/2015	0.0032	J		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-56-25-050715	5/7/2015	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-56-25-073115	7/31/2015	0.013	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	J	U	<0.031	U		<0.0077	U	
		VMP-56-25-110315	11/3/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-56-25-020416	2/4/2016	0.0017	J		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-56-25-050516	5/5/2016	0.0019	J		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.001	J		<0.03	U	UJ	<0.0076	U	
		VMP-56-25-050516-DUP	5/5/2016	0.00096	J		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U	UJ	<0.0078	U	
		VMP-56-25-072716	7/27/2016	0.014	J		<0.01	U		<0.0076	U		<0.014	U		<0.017	U		0.0049	J		<0.034	ND,UJ	UJ	<0.0085	U	
		VMP-56-25-102416	10/24/2016	0.0016	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0039	J		<0.026	U		<0.0066	U	
	38.5 ft	VMP-56-38.5-050114	5/1/2014	<0.95	U		<1.9	U		<1.4	U		<2.6	U		<3.2	U		<1.5	U		<2.5	U		<1.6	U	
		VMP-56-38.5-081214	8/12/2014	<86	U		<170	U		<130	U		<240	U		<290	U		<140	U		<230	U		<140	U	
		VMP-56-38.5-081214-Dup	8/12/2014	<85	U		<170	U		<120	U		<230	U		<290	U		<130	U		<220	U		<140	U	
		VMP-56-38.5-110514	11/5/2014	<47	U		<94	U		<69	U		<130	U		<160	U		<73	U		<120	U		<78	U	
		VMP-56-38.5-110514-DUP	11/5/2014	<56	U		<110	U		<83	U		<150	U		<190	U		<88	U		<150	U		<93	U	
		VMP-56-38.5-021015	2/10/2015	<4.2	U		<8.4	U		<6.1	U		<11	U		<14	U		<6.5	U		<11	U		<6.9	U	
		VMP-56-38.5-050715	5/7/2015	<48	U		<96	U		<70	U		<130	U		<160	U		<75	U		<130	U		<79	U	
		VMP-56-38.5-061515-R	6/15/2015	<4.6	U		<9.3	U		<6.8	U		<12	U		<16	U		<7.2	U		<12	U		<7.6	U	
		VMP-56-38.5-073115	7/31/2015	<4	U		<8.1	U		<5.9	U		<11	U		<14	U		<6.3	U		<11	U		<6.7	U	
		VMP-56-38.5-073115-DUP	7/31/2015	<15	U		<30	U		<22	U		<41	U		<50	U		<23	U		<39	U		<25	U	
		VMP-56-38.5-110315	11/3/2015	<4.7	U		<9.5	U		<7	U		<13	U		<16	U		<7.4	U		<12	U		<7.8	U	UJ
		VMP-56-38.5-110315-DUP	11/3/2015	<34	U		<69	U		<51	U		<94	U		<120	U		<54	U		<91	U		<57	U	UJ
		VMP-56-38.5-020416	2/4/2016	<26	U	UJ	<53	U		<39	U		<72	U		<89	U		<41	U		<70	U		<44	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-122313	12/23/2013	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.009			<0.025	U		<0.0062	U	
		VMP-62-5-021014	2/10/2014	<0.014	U		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.00068	J		<0.024	U		<0.006	U	
		VMP-62-5-042514	4/25/2014	<0.016	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0069	U	
		VMP-62-5-073014	7/30/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-62-5-111014-R	11/10/2014	0.0022	J		<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-62-5-020315	2/3/2015	<0.015	U		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-62-5-042815	4/28/2015	<0.018	U		<0.0091	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-62-5-072415	7/24/2015	0.023			<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-62-5-102015	10/20/2015	<0.014	J	U	<0.0069	U		<0.005	U		<0.0093	U		<0.012	U		<0.0053	U		0.0012	J		<0.0057	U	
		VMP-62-5-012816	1/28/2016	0.0017	J		<0.0082	U		<0.006	U		<0.011	U		0.024			<0.0063	U		0.034			<0.0067	U	
		VMP-62-5-042516	4/25/2016	0.0028	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0063	U	
		VMP-62-5-072616	7/26/2016	<0.019	U		<0.0094	U		<0.0069	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0078	U	
		VMP-62-5-102416	10/24/2016	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
	10 ft	VMP-62-10-122313	12/23/2013	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.0028	J		<0.027	U		<0.0068	U	
		VMP-62-10-021014	2/10/2014	<0.014	J	U	<0.007	U		<0.0051	U		<0.0094	U		<0.012	U		<0.0054	U		<0.023	U		<0.0057	U	
		VMP-62-10-042514	4/25/2014	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		0.0026	J		<0.026	U		<0.0064	U	
		VMP-62-10-073014	7/30/2014	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0066	J		<0.028	U		<0.0071	U	
		VMP-62-10-102814	10/28/2014	<0.018	U		<0.009	U		<0.0066	U		<0.012	U		<0.015	U		0.0039	J		<0.029	U		<0.0074	U	
		VMP-62-10-020315	2/3/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-62-10-042815	4/28/2015	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0024	J		<0.028	U		<0.007	U	
		VMP-62-10-072415	7/24/2015	0.089			<0.0085	U		<0.0062	U		<0.012	U		<0.014	U		0.025			<0.028	U		<0.007	U	
		VMP-62-10-102015	10/20/2015	0.0038	J		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		0.012			<0.029	U		<0.0072	U	
		VMP-62-10-012816	1/28/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-62-10-042516	4/25/2016	0.004	J		<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		0.0055	J		<0.032	U		<0.0079	U	
		VMP-62-10-072616	7/26/2016	<0.02	U		<0.0099	U		<0.0072	U		<0.013	U		<0.017	U		0.01			<0.032	U		<0.0082	U	
		VMP-62-10-102416	10/24/2016	0.0034	J		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		0.012			0.0022	J		<0.0056	U	
	20 ft	VMP-62-20-122313	12/23/2013	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0075			<0.026	U		<0.0065	U	
		VMP-62-20-122313-Dup	12/23/2013	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0096			<0.026	U		<0.0066	U	
		VMP-62-20-021014	2/10/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.00071	J		<0.026	U		<0.0065	U	
		VMP-62-20-042514	4/25/2014	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.0028	J		<0.027	U		<0.0068	U	
		VMP-62-20-073014	7/30/2014	0.26			<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0076			<0.027	U		<0.0067	U	
		VMP-62-20-102814	10/28/2014	<0.015	U		<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.0039	J		<0.025	U		<0.0064	U	
		VMP-62-20-020315	2/3/2015	<0.018	U		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-62-20-042815	4/28/2015	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-62-20-072415	7/24/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		0.019			<0.027	U		<0.0068	U	
		VMP-62-20-102015	10/20/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		0.0087			<0.026	U		<0.0065	U	
		VMP-62-20-012816	1/28/2016	0.0014	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.031	U		<0.0077	U	
		VMP-62-20-042516	4/25/2016	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0034	J		<0.026	U		<0.0066	U	
		VMP-62-20-072616	7/26/2016	0.003	J		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		0.016			<0.027	U		<0.0067	U	
		VMP-62-20-102416	10/24/2016	0.0023	J		<0.0073	U		<0.0054	U		<0.0099	U		<0.012	U		0.01			<0.024	U		<0.006	U	
	30 ft	VMP-62-30-122313	12/23/2013	0.019			<0.0077	U		<0.0057	U		<0.01	U		<0.013	U		0.0012	J		<0.025	U		<0.0064	U	
		VMP-62-30-122313-Dup	12/23/2013	0.018			<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.0013	J		<0.026	U		<0.0064	U	
		VMP-62-30-021014	2/10/2014	0.019			<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-62-30-042514	4/25/2014	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-62-30-073014	7/30/2014	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		0.002	J		<0.027	U		<0.0068	U	
		VMP-62-30-073014-Dup	7/30/2014	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0016	J		<0.025	U		<0.0063	U	
		VMP-62-30-102814	10/28/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	J	U	<0.026	U		<0.0065	U	
		VMP-62-30-020315	2/3/2015	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-62-30-042815	4/28/2015	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-62-30-072415	7/24/2015	0.085			<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		0.0046	J		<0.029	U		<0.0072	U	
		VMP-62-30-102015	10/20/2015	<0.016	J	U	<0.0083	U		<0.006	U		<0.011	U		<0.014	U		0.0024	J		<0.027	U		<0.0068	U	
		VMP-62-30-012816	1/28/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0076	U	
		VMP-62-30-012816-DUP	1/28/2016	0.0012	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-62-30-042516	4/25/2016	0.0028	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-62-30-072616	7/26/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.014			<0.03	U		<0.0076	U	
		VMP-62-30-072616-DUP	7/26/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		0.012			<0.03	U		<0.0076	U	
		VMP-62-30-102416	10/24/2016	<0.016	U		<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		0.0022	J		<0.026	U		<0.0064	U	
		VMP-62-30-102416-Dup	10/24/2016	0.0018	J		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.0024	J		<0.024	U		<0.0061	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-121113	12/11/2013	0.0051	J		<0.012	U		<0.0087	U		<0.016	U		<0.02	U		0.018			<0.039	U		<0.0098	U	
		VMP-63-5-022814	2/28/2014	<0.016	U		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-63-5-042514	4/25/2014	<0.03	J	U	<0.015	U		<0.011	U		<0.021	U		<0.026	U		<0.012	U		<0.05	U		<0.013	U	
		VMP-63-5-073014	7/30/2014	<0.016	U		<0.0083	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-63-5-102814	10/28/2014	<0.016	U		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-63-5-020315	2/3/2015	<0.016	J	U	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-63-5-042815	4/28/2015	<0.018	U		<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-63-5-072415	7/24/2015	0.028			<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-63-5-102615	10/26/2015	<0.016	J	U	<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-63-5-012816	1/28/2016	0.0058	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-63-5-042616	4/26/2016	0.00076	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-63-5-072516	7/25/2016	<0.018	U		<0.0092	U		<0.0067	U		<0.012	U		<0.015	U		<0.0071	U		<0.03	U		<0.0075	U	
		VMP-63-5-102416	10/24/2016	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
	10 ft	VMP-63-10-121113	12/11/2013	0.0028	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0048	J		<0.027	U		<0.0067	U	
		VMP-63-10-020714	2/7/2014	<0.015	J	U	<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-63-10-042514	4/25/2014	<0.015	J	U	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-63-10-073014	7/30/2014	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-63-10-102814	10/28/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-63-10-020315	2/3/2015	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-63-10-042815	4/28/2015	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-63-10-072415	7/24/2015	0.0067	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-63-10-102615	10/26/2015	0.0079	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-63-10-012816	1/28/2016	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-63-10-042616	4/26/2016	0.0017	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-63-10-072516	7/25/2016	<0.018	U		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-63-10-102416	10/24/2016	<0.016	U		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
	20 ft	VMP-63-20-121213	12/12/2013	0.021			<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.002	J		<0.025	U		<0.0063	U	
		VMP-63-20-020714	2/7/2014	<0.014	J	U	<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		<0.0057	U		<0.024	U		<0.006	U	
		VMP-63-20-042514	4/25/2014	<0.016	J	U	<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-63-20-073014	7/30/2014	0.0074	J	J	<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-63-20-102814	10/28/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-63-20-102814-DUP	10/28/2014	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-63-20-020315	2/3/2015	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-63-20-020315-DUP	2/3/2015	<0.015	J	U	<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0058	U		<0.025	U		<0.0062	U	
		VMP-63-20-042815	4/28/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-63-20-072415	7/24/2015	<0.016	J	U	<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.026	U		<0.0066	U	
		VMP-63-20-102615	10/26/2015	0.0053	J		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-63-20-012816	1/28/2016	0.0064	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.027	U		<0.0068	U	
		VMP-63-20-042616	4/26/2016	0.002	J		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-63-20-042616-DUP	4/26/2016	0.0021	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-63-20-072516	7/25/2016	<0.018	U		<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-63-20-102416	10/24/2016	<0.019	U		<0.0096	U		<0.0071	U		<0.013	U		<0.016	U		<0.0075	U		<0.032	U		<0.0079	U	
	30 ft	VMP-63-30-121113	12/11/2013	0.011	J		<0.0076	U		<0.0056	U		<0.01	U		<0.013	U		0.0015	J		<0.025	U		<0.0063	U	
		VMP-63-30-020714	2/7/2014	<0.014	U		<0.0073	U		<0.0053	U		<0.0098	U		<0.012	U		<0.0056	U		<0.024	U		<0.006	U	
		VMP-63-30-042514	4/25/2014	<0.016	J	U	<0.0078	U		<0.0057	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0064	U	
		VMP-63-30-042514-DUP	4/25/2014	<0.016	J	U	<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-63-30-073014	7/30/2014	0.013	J	J	<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-63-30-102814	10/28/2014	<0.017	U		<0.0087	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-63-30-020315	2/3/2015	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-63-30-042815	4/28/2015	0.0047	J		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-63-30-072415	7/24/2015	<0.017	J	U	<0.0084	U		<0.0061	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-63-30-102615	10/26/2015	0.0088	J		<0.007	U		<0.0052	U		<0.0095	U		<0.012	U		<0.0055	U		<0.023	U		<0.0058	U	
		VMP-63-30-102615-DUP	10/26/2015	0.0067	J		<0.0083	U		<0.0061	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-63-30-012816	1/28/2016	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-63-30-042616	4/26/2016	0.001	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-63-30-072516	7/25/2016	<0.019	U		<0.0096	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0079	U	
		VMP-63-30-072516-DUP	7/25/2016	<0.017	U		<0.0088	U		<0.0064	U		<0.012	U		<0.015	U		<0.0068	U		<0.029	U		<0.0072	U	
		VMP-63-30-102416	10/24/2016	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Carbon disulfide			Carbon tetrachloride			Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			Chloromethane			alpha-Chlorotoluene		
				780			0.21			69			57000						0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-122313	12/23/2013	0.047			<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0081			<0.026	U		<0.0066	U	
		VMP-64-5-022814	2/28/2014	0.0064	J		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		0.0012	J		<0.025	U		<0.0063	U	
		VMP-64-5-042514	4/25/2014	<0.016	U		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-64-5-073114	7/31/2014	<0.017	J	U	<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-64-5-102814	10/28/2014	<0.016	U		<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0065	U	
		VMP-64-5-020315	2/3/2015	<0.016	U		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-64-5-042815	4/28/2015	<0.017	J	U	<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-64-5-072415	7/24/2015	<0.018	J	U	<0.0088	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0073	U	
		VMP-64-5-102615	10/26/2015	0.019			<0.0075	U		<0.0055	U		<0.01	U		<0.012	U		<0.0058	U		<0.024	U		<0.0062	U	
		VMP-64-5-012816	1/28/2016	<0.018	J	U	<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		<0.0069	U		<0.029	U		<0.0074	U	
		VMP-64-5-042616	4/26/2016	<0.02	U		<0.01	U		<0.0073	U		<0.014	U		<0.017	U		<0.0078	U		<0.033	U		<0.0082	U	
		VMP-64-5-080216	8/2/2016	<0.017	U		<0.0086	U		<0.0063	U		<0.012	U		<0.014	U		0.0019	J		<0.028	U		<0.0071	U	
		VMP-64-5-080216-DUP	8/2/2016	0.032			<0.0094	U		<0.0068	U		<0.013	U		<0.016	U		<0.0073	U		<0.031	U		<0.0077	U	
		VMP-64-5-102416	10/24/2016	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		0.0009	J		<0.025	U		<0.0062	U	
	10 ft	VMP-64-10-122313	12/23/2013	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-64-10-021014	2/10/2014	<0.015	U		<0.0076	U		<0.0055	U		<0.01	U		<0.013	U		<0.0059	U		<0.025	U		<0.0062	U	
		VMP-64-10-042514	4/25/2014	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-64-10-073114	7/31/2014	<0.018	J	U	<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		0.0022	J		<0.03	U		<0.0075	U	
		VMP-64-10-102814	10/28/2014	<0.019	U		<0.0095	U		<0.007	U		<0.013	U		<0.016	U		<0.0074	U		<0.031	U		<0.0078	U	
		VMP-64-10-020315	2/3/2015	<0.018	U		<0.0091	U		<0.0066	U		<0.012	U		<0.015	U		<0.007	U		<0.03	U		<0.0075	U	
		VMP-64-10-042815	4/28/2015	<0.018	J	U	<0.0092	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-64-10-072415	7/24/2015	<0.016	J	U	<0.0079	U		<0.0058	U		<0.011	U		<0.013	U		<0.0061	U		<0.026	U		<0.0065	U	
		VMP-64-10-102615	10/26/2015	0.0094	J		<0.0093	U		<0.0068	U		<0.013	U		<0.016	U		<0.0072	U		<0.03	U		<0.0077	U	
		VMP-64-10-012816	1/28/2016	<0.016	J	U	<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0064	U		<0.027	U		<0.0068	U	
		VMP-64-10-042616	4/26/2016	0.0007	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-64-10-072216	7/22/2016	0.0045	J		<0.0068	U		<0.005	U		<0.0092	U		<0.011	U		0.0027	J		<0.022	U		<0.0056	U	
		VMP-64-10-102416	10/24/2016	<0.015	U		<0.0074	U		<0.0054	U		<0.01	U		<0.012	U		0.00096	J		<0.024	U		<0.0061	U	
	20 ft	VMP-64-20-122313	12/23/2013	0.0076	J		<0.0081	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	U		<0.027	U		<0.0067	U	
		VMP-64-20-122313-Dup	12/23/2013	0.0085	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		0.0012	J		<0.026	U		<0.0065	U	
		VMP-64-20-021014	2/10/2014	<0.015	U		<0.0078	U		<0.0057	U		<0.01	U		<0.013	U		<0.006	U		<0.026	U		<0.0064	U	
		VMP-64-20-042514	4/25/2014	<0.015	U		<0.0077	U		<0.0056	U		<0.01	U		<0.013	U		<0.006	U		<0.025	U		<0.0063	U	
		VMP-64-20-073114	7/31/2014	0.0026	J		<0.008	U		<0.0058	U		<0.011	U		<0.013	U		<0.0062	U		<0.026	U		<0.0066	U	
		VMP-64-20-102814	10/28/2014	<0.016	U		<0.0082	U		<0.006	U		<0.011	U		<0.014	U		<0.0063	J	U	<0.027	U		<0.0067	U	
		VMP-64-20-020315	2/3/2015	<0.017	U		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-64-20-042815	4/28/2015	<0.018	J	U	<0.0093	U		<0.0068	U		<0.012	U		<0.016	U		<0.0072	U		<0.03	U		<0.0076	U	
		VMP-64-20-072415	7/24/2015	<0.017	J	U	<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	J	U	<0.028	U		<0.0071	U	
		VMP-64-20-102615	10/26/2015	0.003	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0019	J		<0.029	U		<0.0073	U	
		VMP-64-20-012816	1/28/2016	0.0027	J		<0.0084	U		<0.0062	U		<0.011	U		<0.014	U		<0.0065	U		<0.028	U		<0.0069	U	
		VMP-64-20-042616	4/26/2016	0.00084	J		<0.0087	U		<0.0064	U		<0.012	U		<0.014	U		<0.0067	U		<0.028	U		<0.0071	U	
		VMP-64-20-042616-DUP	4/26/2016	0.0011	J		<0.0085	U		<0.0062	U		<0.011	U		<0.014	U		<0.0066	U		<0.028	U		<0.007	U	
		VMP-64-20-072216	7/22/2016	0.0039	J		<0.0081	U		<0.0059	U		<0.011	U		<0.014	U		0.0036	J		<0.027	U		<0.0067	U	
		VMP-64-20-072216-DUP	7/22/2016	0.0036	J		<0.0089	U		<0.0065	U		<0.012	U		<0.015	U		0.0022	J		<0.029	U		<0.0074	U	
		VMP-64-20-102416	10/24/2016	0.0017	J		<0.0072	U		<0.0053	U		<0.0098	U		<0.012	U		0.001	J		<0.024	U		<0.006	U	
		VMP-64-20-102416-Dup	10/24/2016	0.002	J		<0.008	U		<0.0059	U		<0.011	U		<0.014	U		0.0012	J		<0.026	U		<0.0066	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	18			<0.91	U		<0.72	U		<0.72	U		<0.72	U		<0.59	U		<0.48	U		<0.48	U	
		VMP-1-5-082510	8/25/2010	0.02			<0.033	U		<0.026	U		<0.026	U		<0.026	U		0.0028	J		<0.017	U		<0.017	U	
		VMP-1-5-111710	11/17/2010	0.14			<0.04	U		<0.031	U		<0.031	U		<0.031	U		<0.025	U		<0.021	U		<0.021	U	
		VMP-1-5-020411	2/4/2011	8.1			<0.78	U		<0.61	U		<0.61	U		<0.61	U		<0.5	U		<0.41	U		<0.41	U	
		VMP-1-5-041211	4/12/2011	0.21			<0.01	U		<0.0079	U		<0.0079	U		<0.0079	J	U	0.002	J		<0.0053	U		<0.0053	U	
		VMP-1-5-080111	8/1/2011	0.0083			<0.01	U		<0.0079	U		0.0014	J		0.0024	J		0.0023	J		<0.0053	U		<0.0053	U	
		VMP-1-5-110311	11/3/2011	4.8	J		<27	U		<21	U		<21	U		<21	U		<17	U		<14	U		<14	U	
		VMP-1-5-013012	1/30/2012	23		J	<2.2	U		<1.8	U		<1.8	U		<1.8	U		<1.4	U		<1.2	U		<1.2	U	
		VMP-1-5-041312	4/13/2012	<0.0031	J	U	<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	J	U	0.0024	J		<0.0036	U		<0.0036	U	
		VMP-1-5-071612	7/16/2012	0.036			<0.007	U		<0.0055	U		<0.0055	U		<0.0055	J	U	0.0026	J		<0.0037	U		<0.0037	U	
		VMP-1-5-101112	10/11/2012	0.13			<0.018	U		<0.014	U		<0.014	U		<0.014	U		0.0025	J		<0.0093	U		<0.0093	U	
		VMP-1-5-012113	1/21/2013	0.88			<0.2	U		<0.16	U		<0.16	U		0.02	J		<0.13	U		<0.1	U		<0.1	U	
		VMP-1-5-012313-R	1/23/2013	33			<9	U		<7	U		<7	U		<7	U		<5.8	U		<4.7	U		<4.7	U	
		VMP-1-5-050813	5/8/2013	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	J	U	0.003	J		<0.0058	U		<0.0058	U	
		VMP-1-5-072913	7/29/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.002	J		<0.006	U		<0.006	U	
		VMP-1-5-072913-Dup	7/29/2013	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0018	J		<0.006	U		<0.006	U	
		VMP-1-5-110413	11/4/2013	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U	
		VMP-1-5-020714	2/7/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0029	J		<0.0053	U		<0.0053	U	
		VMP-1-5-043014	4/30/2014	0.0029	J		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0025	J		<0.0046	U		<0.0046	U	
		VMP-1-5-080714	8/7/2014	<0.004	U		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0027	J		<0.0048	U		<0.0048	U	
		VMP-1-5-103114	10/31/2014	<0.0047	U		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U	
		VMP-1-5-020915	2/9/2015	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0029	J		<0.0048	U		<0.0048	U	
		VMP-1-5-050515	5/5/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-1-5-073015	7/30/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0029	J		<0.0054	U		<0.0054	U	
		VMP-1-5-110315	11/3/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0044	J		<0.0057	U		<0.0057	U	
		VMP-1-5-020316	2/3/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0035	J		<0.0053	U		<0.0053	U	
		VMP-1-5-050316	5/3/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U	
		VMP-1-5-072516	7/25/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0029	J		<0.0055	U		<0.0055	U	
		VMP-1-5-102816	10/28/2016	0.00075	J		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0049	U		<0.0049	U	
	8.5 ft	VMP-1-8.5	11/2/2009	14			<1.2	U		<0.98	U		<0.98	U		<0.98	U		<0.81	U		<0.66	U		<0.66	U	
		VMP-1-8.5-082510	8/25/2010	<0.044	U		<0.099	U		<0.077	U		<0.077	U		<0.077	U		<0.064	U		<0.052	U		<0.052	U	
		VMP-1-8.5-111710	11/17/2010	0.043			<0.019	U		<0.015	U		<0.015	U		<0.015	U		0.0023	J		<0.01	U		<0.01	U	
		VMP-1-8.5-111710-Dup	11/17/2010	0.034			<0.019	U		<0.015	U		<0.015	U		<0.015	U		0.0024	J		<0.01	U		<0.01	U	
		VMP-1-8.5-020411	2/4/2011	9.2			<1.5	U		<1.2	U		<1.2	U		<1.2	U		<0.98	U		<0.8	U		<0.8	U	
		VMP-1-8.5-041211	4/12/2011	0.067			<0.013	U		<0.01	U		<0.01	U		<0.01	J	U	0.002	J		<0.007	U		0.0012	J	
		VMP-1-8.5-080111	8/1/2011	7.1			<5.5	U		<4.3	U		<4.3	U		<4.3	U		<3.6	U		<2.9	U		<2.9	U	
		VMP-1-8.5-080111-Dup	8/1/2011	11			<5.4	U		<4.2	U		<4.2	U		<4.2	U		<3.5	U		<2.8	U		<2.8	U	
		VMP-1-8.5-110311	11/3/2011	11	J		<62	U		<48	U		<48	U		<48	U		<40	U		<32	U		<32	U	
		VMP-1-8.5-013012	1/30/2012	19			<13	U		<10	U		<10	U		<10	U		<8.6	U		<7.1	U		<7.1	U	
		VMP-1-8.5-041612	4/16/2012	0.0093			0.0023	J		<0.0064	U		<0.0064	U		<0.0064	J	U	0.0028	J		<0.0043	U		0.0035	J	
		VMP-1-8.5-041612-Dup	4/16/2012	0.0076			0.0018	J		<0.0062	U		<0.0062	U		<0.0062	J	U	0.003	J		<0.0042	U		0.0015	J	
		VMP-1-8.5-071612	7/16/2012	0.0032			<0.0071	U		<0.0055	U		<0.0055	U		<0.0055	J	U	0.0026	J		<0.0037	U		<0.0037	U	
		VMP-1-8.5-101112	10/11/2012	0.073			<0.011	U		<0.0085	U		<0.0085	J	U	<0.0085	J	U	0.0021	J		<0.0057	U		<0.0057	U	
		VMP-1-8.5-012113	1/21/2013	0.62			<0.19	U		<0.15	U		<0.15	U		<0.15	U		<0.12	U		<0.1	U		<0.1	U	
		VMP-1-8.5-012313-R	1/23/2013	1.4			<0.18	U		<0.14	U		<0.14	U		<0.14	U		<0.12	U		<0.094	U		<0.094	U	
		VMP-1-8.5-050813	5/8/2013	0.005	J		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	J	U	0.0026	J		<0.0062	U		<0.0062	U	
		VMP-1-8.5-072913	7/29/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0019	J		<0.006	U		<0.006	U	
		VMP-1-8.5-110413	11/4/2013	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U	
		VMP-1-8.5-020714	2/7/2014	<0.004	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.003	J		<0.0046	U		<0.0046	U	
		VMP-1-8.5-043014	4/30/2014	<0.004	U		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0021	J		<0.0048	U		<0.0048	U	
		VMP-1-8.5-080714	8/7/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0023	J		<0.0054	U		<0.0054	U	
		VMP-1-8.5-103114	10/31/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-1-8-020915	2/9/2015	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.003	J		<0.0047	U		<0.0047	U	
		VMP-1-8.5-050515	5/5/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0019	J		<0.0056	U		<0.0056	U	
		VMP-1-8.5-073015	7/30/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0024	J		<0.0055	U		<0.0055	U	
		VMP-1-8.5-110315	11/3/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0038	J		<0.005	U		<0.005	U	
		VMP-1-8.5-020316	2/3/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-1-8.5-050316	5/3/2016	0.0011	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U	
		VMP-1-8.5-072516	7/25/2016	0.0011	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-1-8.5-102816	10/28/2016	0.0046			<0.0085	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0028	J		<0.0045	U		<0.0045	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	23.5 ft	VMP-1-23.5	11/2/2009	66			<3	U		<2.4	U		<2.4	U		<2.4	U		<2	U		<1.6	U		<1.6	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	130			<3.4	U		<2.7	U		<2.7	U		<2.7	U		<2.2	U		<1.8	U		<1.8	U	
		VMP-1-23.5-111810	11/17/2010	0.0082			<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-1-23.5-020411	2/4/2011	150			<9	U		<7	U		<7	U		<7	U		<5.8	U		<4.7	U		<4.7	U	
		VMP-1-23.5-041211	4/12/2011	3.2	J		<15	U		<11	U		<11	U		<11	U		<9.4	U		<7.7	U		<7.7	U	
		VMP-1-23.5-041211-DUP	4/12/2011	5.3	J		<18	U		<14	U		<14	U		<14	U		<12	U		<9.7	U		<9.7	U	
		VMP-1-23.5-080111	8/1/2011	110			<99	U		<78	U		<78	U		<78	U		<64	U		<52	U		<52	U	
		VMP-1-23.5-110611	11/6/2011	38			<23	U		<18	U		<18	U		<18	U		<15	U		<12	U		<12	U	
		VMP-1-23.5-013112	1/31/2012	32			<46	U		<36	U		<36	U		<36	U		<30	U		<24	U		<24	U	
		VMP-1-23.5-041612	4/16/2012	6.6			<3.7	U		<2.9	U		<2.9	U		<2.9	U		<2.4	U		<1.9	U		<1.9	U	
		VMP-1-23.5-071612	7/16/2012	37			<46	U		<36	U		<36	U		<36	U		<30	U		<24	U		<24	U	
		VMP-1-23.5-102412	10/24/2012	23	J		<92	U		<72	U		<72	U		<72	U		<60	U		<49	U		<49	U	
		VMP-1-23.5-012113	1/21/2013	0.64		J	<0.1	U	UJ	<0.081	U	UJ	<0.081	U	UJ	<0.081	U	UJ	<0.066	U	UJ	<0.054	U	UJ	<0.054	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	160			<120	U		<97	U		<97	U		<97	U		<80	U		<65	U		<65	U	
		VMP-1-23.5-050813	5/8/2013	0.22			<0.12	U		<0.093	U		<0.093	U		<0.093	U		<0.077	U		<0.063	U		<0.063	U	
		VMP-1-23.5-050813-Dup	5/8/2013	0.24			<0.11	U		<0.087	U		<0.087	U		<0.087	U		<0.072	U		<0.059	U		<0.059	U	
		VMP-1-23.5-072913	7/29/2013	0.0021	J		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-1-23.5-110413	11/4/2013	0.00045	J		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0019	J		<0.0048	U		<0.0048	U	
		VMP-1-23.5-020714	2/7/2014	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0027	J		<0.0049	U		<0.0049	U	
		VMP-1-23.5-043014	4/30/2014	<0.0039	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0024	J		<0.0046	U		<0.0046	U	
		VMP-1-23.5-080714	8/7/2014	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0025	J		<0.0049	U		<0.0049	U	
		VMP-1-23.5-103114	10/31/2014	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U	
		VMP-1-23.5-020915	2/9/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
		VMP-1-23.5-050515	5/5/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0027	J		<0.005	U		<0.005	U	
		VMP-1-23.5-073015	7/30/2015	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0024	J		<0.0062	U		<0.0062	U	
		VMP-1-23.5-110315	11/3/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0044	J		<0.0052	U		<0.0052	U	
		VMP-1-23.5-020316	2/3/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.003	J		<0.0055	U		<0.0055	U	
		VMP-1-23.5-050316	5/3/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U	
		VMP-1-23.5-050316-DUP	5/3/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U	
		VMP-1-23.5-072516	7/25/2016	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0037	J		<0.0052	U		<0.0052	U	
		VMP-1-23.5-072516-DUP	7/25/2016	<0.0048	U		<0.011	U		0.0022	J		<0.0083	U		<0.0083	U		0.0031	J		<0.0056	U		<0.0056	U	
		VMP1-23.5-102816	10/28/2016	0.0024	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
	38.5 ft	VMP-1-38.5	11/2/2009	380			<8.6	U		<6.7	U		<6.7	U		<6.7	U		<5.5	U		<4.5	U		<4.5	U	
		VMP-1-38.5-073112	7/31/2012	<0.0032	U		<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	U		0.0025	J		<0.0038	U		<0.0038	U	
		VMP-1-38.5-102612	10/26/2012	20			<5	U		<3.9	U		<3.9	U		<3.9	U		<3.2	U		<2.6	U		<2.6	U	
		VMP-1-38.5-012113	1/21/2013	0.62		J	<0.068	U	UJ	<0.053	U	UJ	<0.053	U	UJ	<0.053	U	UJ	<0.044	U	UJ	<0.036	U	UJ	<0.036	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	94			<91	U		<72	U		<72	U		<72	U		<59	U		<48	U		<48	U	
		VMP-1-38.5-050913	5/9/2013	270			<290	U		<230	U		<230	U		<230	U		<190	U		<150	U		<150	U	
		VMP-1-38.5-020714	2/7/2014	<0.041	U		<0.092	U		<0.072	U		<0.072	U		<0.072	U		<0.059	U		<0.048	U		<0.048	U	
		VMP-1-38.5-020714-Dup	2/7/2014	<0.044	U		<0.098	U		<0.076	U		<0.076	U		<0.076	U		<0.063	U		<0.051	U		<0.051	U	
		VMP-1-38.5-043014	4/30/2014	0.048			<0.094	U		<0.074	U		<0.074	U		<0.074	U		<0.061	U		<0.05	U		<0.05	U	
		VMP-1-38.5-080714	8/7/2014	6.1			<2.4	U		<1.9	U		<1.9	U		<1.9	U		<1.5	U	UJ	<1.2	U		<1.2	U	
		VMP-1-38.5-103114	10/31/2014	<0.042	U		<0.093	U		<0.073	U		<0.073	U		<0.073	U		<0.06	U		<0.049	U		<0.049	U	
		VMP-1-38.5-020915	2/9/2015	<0.45	U		<1	U		0.069	J		0.078	J		<0.79	U		0.5	J		0.23	J		0.28	J	
		VMP-1-38.5-020915-DUP	2/9/2015	<0.44	U		<0.98	U		<0.76	U		<0.76	U		<0.76	U		<0.63	U		<0.51	U		<0.51	U	
		VMP-1-38.5-050515	5/5/2015	2.5			<1	U		<0.8	U		<0.8	U		<0.8	U		<0.66	U		<0.54	U		<0.54	U	
		VMP-1-38.5-061515-R	6/15/2015	0.17			<0.11	U		<0.087	U		<0.087	U		<0.087	U		<0.072	U		<0.059	U		<0.059	U	
		VMP-1-38.5-073015	7/30/2015	0.0041	J		<0.011	U		<0.0088	U		<0.0088	J	U	<0.0088	U		0.0025	J		<0.0059	U		<0.0059	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	5 ft	VMP-2-5	11/2/2009	8			<1.1	U		<0.87	U		<0.87	U		<0.87	U		<0.72	U		<0.59	U		<0.59	U	
		VMP - 2 - 5 - 083110	8/31/2010	28			<3.4	U		<2.7	U		<2.7	U		<2.7	U		<2.2	U		<1.8	U		<1.8	U	
		VMP-2-5-111610	11/16/2010	<2.3	U		<5.1	U		<4	U		<4	U		<4	U		<3.3	U		<2.7	U		<2.7	U	
		VMP-2-5-020411	2/4/2011	4.9			<1.3	U		<1	U		<1	U		<1	U		<0.85	U		<0.7	U		<0.7	U	
		VMP-2-5-041311	4/13/2011	0.044			<0.011	U		<0.0084	U		<0.0084	U		<0.0084	J	U	0.0022	J		<0.0056	U		<0.0056	U	
		VMP-2-5-080211	8/2/2011	35			<11	U		<8.7	U		<8.7	U		<8.7	U		<7.1	U		<5.8	U		<5.8	U	
		VMP-2-5-110711	11/7/2011	<0.0029	U		<0.0066	U		<0.0051	U		<0.0051	U		<0.0051	U		0.0031	J		<0.0035	U		<0.0035	U	
		VMP-2-5-012512	1/25/2012	0.27	J		<0.74	U		<0.58	U		<0.58	U		<0.58	U		<0.48	U		<0.39	U		<0.39	U	
		VMP-2-5-042512	4/25/2012	0.092			<0.029	U		<0.023	U		<0.023	U		<0.023	U		0.003	J		<0.015	U		<0.015	U	
		VMP-2-5-071612	7/16/2012	0.0064			<0.0071	U		<0.0056	U		<0.0056	U		<0.0056	J	U	0.0023	J		<0.0038	U		<0.0038	U	
		VMP-2-5-102412	10/24/2012	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0028	J		<0.0058	U		<0.0058	U	
		VMP-2-5-013113	1/31/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U	
		VMP-2-5-050613	5/6/2013	<0.0044	U		<0.0099	J	U	<0.0078	J	U	<0.0078	J	U	<0.0078	J	U	0.0022	J		<0.0052	U		<0.0052	U	
		VMP-2-5-022614	2/26/2014	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	J	U	<0.005	U		<0.005	U	
		VMP-2-5-050114	5/1/2014	<0.0048	U		<0.011	U		<0.0084	J	U	<0.0084	U		<0.0084	U		0.0033	J		<0.0057	U		<0.0057	U	
		VMP-2-5-111014	11/10/2014	0.0077			<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		<0.0053	U		<0.0044	U		<0.0044	U	
		VMP-2-5-021015	2/10/2015	0.014			<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-2-5-050615	5/6/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		<0.0072	U		<0.0059	U		<0.0059	U	
		VMP-2-5-110415	11/4/2015	0.0028	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0033	J		<0.005	U		<0.005	U	
		VMP-2-5-020116	2/1/2016	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U	
		VMP-2-5-042716	4/27/2016	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	U		<0.0063	U		<0.0063	U	
		VMP-2-5-072616	7/26/2016	<0.0045	U		<0.01	U		0.0029	J		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U	
		VMP-2-5-102616	10/26/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0025	J		<0.0055	U		<0.0055	U	
	8.5 ft	VMP-2-8.5	11/3/2009	0.24			<0.39	U		<0.31	U		<0.31	U		<0.31	U		<0.25	U		<0.21	U		<0.21	U	
		VMP-2-8.5-D	11/3/2009	0.29			<0.41	U		<0.32	U		<0.32	U		<0.32	U		<0.27	U		<0.22	U		<0.22	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	57			<3.5	U		<2.8	U		<2.8	U		<2.8	U		<2.3	U		<1.9	U		<1.9	U	
		VMP-2-8.5-111610	11/16/2010	<4.3	U		<9.7	U		<7.6	U		<7.6	U		<7.6	U		<6.2	U		<5.1	U		<5.1	U	
		VMP-2-8.5-020411	2/4/2011	9.6			<3.3	U		<2.6	U		<2.6	U		<2.6	U		<2.1	U		<1.7	U		<1.7	U	
		VMP-2-8.5-041311	4/13/2011	0.14	J		<1	U		<0.79	U		<0.79	U		<0.79	U		<0.65	U		<0.53	U		0.1	J	
		VMP-2-8.5-080211	8/2/2011	52			<41	U		<32	U		<32	U		<32	U		<26	U		<21	U		<21	U	
		VMP-2-8.5-110711	11/7/2011	<0.039	U		<0.088	U		<0.068	U		<0.068	U		<0.068	U		<0.056	U		<0.046	U		<0.046	U	
		VMP-2-8.5-012612	1/26/2012	4.1			<3.9	U		<3	U		<3	U		<3	U		<2.5	U		<2	U		<2	U	
		VMP-2-8.5-012612-DUP	1/26/2012	5.4		J	<3.9	U		<3	U		<3	U		<3	U		<2.5	U		<2	U		<2	U	
		VMP-2-8.5-041612	4/16/2012	0.0096			<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	J	U	0.0029	J		<0.004	U		0.0013	J	
		VMP-2-8.5-041612-Dup	4/16/2012	0.0094			0.0017	J		<0.006	U		<0.006	U		<0.006	J	U	0.003	J		<0.0041	U		0.0011	J	
		VMP-2-8.5-071612	7/16/2012	<0.0038	J	U	<0.0086	J	U	<0.0067	J	U	<0.0067	J	U	<0.0067	J	U	0.0029	J		<0.0045	U		0.0006	J	
		VMP-2-8.5-071612-Dup	7/16/2012	0.0015	J		<0.0071	U		<0.0055	U		<0.0055	U		<0.0055	J	U	0.0032	J		<0.0037	U		<0.0037	U	
		VMP-2-8.5-102312	10/23/2012	0.04			<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0025	J		<0.0059	U		<0.0059	U	
		VMP-2-8.5-020513	2/5/2013	0.0071			<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0023	J		<0.006	U		<0.006	U	
		VMP-2-8.5-050613	5/6/2013	<0.0048	U		<0.011	J	U	<0.0083	J	U	<0.0083	J	U	<0.0083	J	U	0.0028	J		<0.0056	U		<0.0056	U	
		VMP-2-8.5-050613-Dup	5/6/2013	0.0017	J		<0.01	J	U	<0.0081	J	U	<0.0081	J	U	<0.0081	J	U	0.0028	J		<0.0054	U		<0.0054	U	
		VMP-2-8.5-022614	2/26/2014	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	J	U	<0.0051	U		<0.0051	U	
		VMP-2-8.5-050114	5/1/2014	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0.0051	U	
		VMP-2-8.5-081514	8/15/2014	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		0.0034	J		<0.0064	U		<0.0064	U	
		VMP-2-8.5-081514-DUP	8/15/2014	<0.0057	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0034	J		<0.0068	U		<0.0068	U	
		VMP-2-8.5-111014	11/10/2014	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U	
		VMP-2-8.5-021015	2/10/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0033	J		<0.0056	U		<0.0056	U	
		VMP-2-8.5-050615	5/6/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-2-8.5-110415	11/4/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0036	J		<0.0057	U		<0.0057	U	
		VMP-2-8.5-021616	2/16/2016	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		0.0036	J		<0.0064	U		<0.0064	U	
		VMP-2-8.5-042716	4/27/2016	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	U		<0.0063	U		<0.0063	U	
		VMP-2-8.5-072616	7/26/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0035	J		<0.006	U		<0.0059	U	
		VMP-2-8.5-102616	10/26/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0025	J		<0.0055	U		<0.0055	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	22 ft	VMP-2-22	11/3/2009	11			<2.2	U		<1.7	U		<1.7	U		<1.7	U		<1.4	U		<1.1	U		<1.1	U	
		VMP - 2 - 22 - 083110	8/31/2010	81			<5.4	U		<4.2	U		<4.2	U		<4.2	U		<3.5	U		<2.8	U		<2.8	U	
		VMP-2-22-111610	11/16/2010	<4.5	U		<10	U		<7.9	U		<7.9	U		<7.9	U		<6.5	U		<5.3	U		<5.3	U	
		VMP-2-22-020411	2/4/2011	29			<4.6	U		<3.6	U		<3.6	U		<3.6	U		<2.9	U		<2.4	U		<2.4	U	
		VMP-2-22-041311	4/13/2011	4.2	J		<13	U		<10	U		<10	U		<10	U		<8.6	U		<7.1	U		<7.1	U	
		VMP-2-22-080211	8/2/2011	57			<54	U		<42	U		<42	U		<42	U		<35	U		<28	U		<28	U	
		VMP-2-22-110711	11/7/2011	1.1	J		<2.9	U		<2.2	U		<2.2	U		<2.2	U		<1.8	U	UJ	<1.5	U		0.42	J	
		VMP-2-22-012612	1/26/2012	6.4		J	<6	U		<4.6	U		<4.6	U		<4.6	U		<3.8	U		<3.1	U		<3.1	U	
		VMP-2-22-042712	4/27/2012	0.0033			<0.0062	U		<0.0048	U		<0.0048	U		<0.0048	J	U	0.0026	J		<0.0032	U		<0.0032	U	
		VMP-2-22-071612	7/16/2012	0.0087			<0.0073	U		<0.0057	J	U	<0.0057	J	U	<0.0057	J	U	0.0029	J		<0.0038	U		<0.0038	U	
		VMP-2-22-102312	10/23/2012	0.01			<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0028	J		<0.0059	U		<0.0059	U	
		VMP-2-22-013113	1/31/2013	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-2-22-050613	5/6/2013	<0.0048	U		<0.011	J	U	<0.0083	U		<0.0083	J	U	<0.0083	J	U	0.0028	J		<0.0056	U		<0.0056	U	
		VMP-2-22-081213	8/12/2013	0.02			<0.012	J	U	<0.0093	U		<0.0093	U		<0.0093	J	U	0.0018	J		<0.0062	U		<0.0062	U	
		VMP-2-22-111513	11/15/2013	0.027			<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-2-22-022614	2/26/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		<0.0062	J	U	<0.005	U		<0.005	U	
		VMP-2-22-050114	5/1/2014	0.0016	J		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0027	J		<0.0048	U		<0.0048	U	
		VMP-2-22-081414	8/14/2014	<0.0053	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0023	J		<0.0063	U		<0.0063	U	
		VMP-2-22-111014	11/10/2014	0.0049			<0.009	U		0.0017	J		<0.007	U		<0.007	U		0.0023	J		<0.0047	U		<0.0047	U	
		VMP-2-22-021015	2/10/2015	0.0012	J		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0031	J		<0.0052	U		<0.0052	U	
		VMP-2-22-021015-DUP	2/10/2015	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U	
		VMP-2-22-050615	5/6/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U	
		VMP-2-22-073015	7/30/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.005	J		<0.0053	U		<0.0053	U	
		VMP-2-22-110415	11/4/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0046	J		<0.0054	U		<0.0054	U	
		VMP-2-22-020116	2/1/2016	0.0034	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-2-22-020116-DUP	2/1/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0019	J		<0.0058	U		<0.0058	U	
		VMP-2-22-042716	4/27/2016	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		<0.0079	U		<0.0064	U		<0.0064	U	
		VMP-2-22-072616	7/26/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-2-22-102616	10/26/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0027	J		<0.0055	U		<0.0055	U	
	42 ft	VMP-2-42	11/3/2009	920			<42	U		<33	U		<33	U		<33	U		<27	U		<22	U		<22	U	
		VMP-2-42-013113	1/31/2013	150			<100	U		24	J		27	J		32	J		<64	U		<53	U		<53	U	
		VMP-2-42-050613	5/6/2013	82			<42	U		<33	U		<33	U		<33	U		<27	U		<22	U		<22	U	
		VMP-2-42-022614	2/26/2014	240			<94	U		<74	U		<74	U		<74	U		<60	U		<50	U		<50	U	
		VMP-2-42-050114	5/1/2014	180			<8.8	U		<6.8	U		<6.8	U		<6.8	U		<5.6	U		<4.6	U		<4.6	U	
		VMP-2-42-081414	8/14/2014	240			<43	U		<34	U		<34	U		<34	U		<28	U	UJ	<23	U		<23	U	
		VMP-2-42-021015	2/10/2015	320			<9.1	U		<7.2	U		<7.2	U		<7.2	U		<5.9	U		<4.8	U		<4.8	U	
		VMP-2-42-050615	5/6/2015	290			<130	U		<100	U		<100	U		<100	U		<84	U		<69	U		<69	U	
		VMP-2-42-061515-R	6/15/2015	510			<100	U		<82	U		<82	U		<82	U		<67	U		<55	U		<55	U	
		VMP-2-42-073015	7/30/2015	390			<620	U		<490	U		<490	U		<490	U		<400	U		<330	U		<330	U	
VMP-3	5 ft	VMP-3-5	11/3/2009	0.23			<0.041	U		<0.032	U		<0.032	U		<0.032	U		<0.027	U		<0.022	U		<0.022	U	
		VMP-3-5-090910	9/9/2010	210			<10	U		<8	U		<8	U		<8	U		<6.6	U		<5.4	U		<5.4	U	
		VMP-3-5-112210	11/22/2010	340			<10	U		<8.1	U		<8.1	U		<8.1	U		<6.6	U		<5.4	U		<5.4	U	
		VMP-3-5-020911	2/9/2011	77			<4.6	U		<3.6	U		<3.6	U		<3.6	U		<3	U		<2.4	U		<2.4	U	
		VMP-3-5-041411	4/14/2011	210			<50	U		<39	U		<39	U		<39	U		<32	U		<26	U		<26	U	
		VMP-3-5-080211	8/2/2011	0.0084			<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	U		<0.0063	U		<0.0063	U	
		VMP-3-5-110811	11/8/2011	<0.0029	U		<0.0066	U		<0.0051	U		<0.0051	U		<0.0051	U		0.0019	J		<0.0035	U		<0.0035	U	
		VMP-3-5-110811-DUP	11/8/2011	<0.003	U		<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.002	J		<0.0035	U		<0.0035	U	
		VMP-3-5-012712	1/27/2012	5.2			<3.4	U		<2.6	U		<2.6	U		<2.6	U		<2.2	U		<1.8	U		<1.8	U	
		VMP-3-5-041912	4/19/2012	0.015			0.002	J		<0.0057	U		<0.0057	U		<0.0057	J	U	0.0031	J		<0.0039	U		<0.0039	J	U
		VMP-3-5-072712	7/27/2012	0.00067	J		<0.0077	U		<0.006	J	U	<0.006	J	U	<0.006	J	U	0.0029	J		<0.0041	U		<0.0041	U	
		VMP-3-5-060413	6/4/2013	0.0014	J		<0.012	U		<0.0095	J	U	<0.0095	J	U	<0.0095	J	U	0.0026	J		<0.0064	U		<0.0064	U	
		VMP-3-5-072913	7/29/2013	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0022	J		<0.0062	U		<0.0062	U	
		VMP-3-5-110613	11/6/2013	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0053	U		<0.0053	U	
		VMP-3-5-021314	2/13/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U	
		VMP-3-5-050214	5/2/2014	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0019	J		<0.005	U		<0.005	U	
		VMP-3-5-081214	8/12/2014	0.012			<0.021	U		<0.016	U		<0.016	U		<0.016	U		<0.013	U		<0.011	U		<0.011	U	
		VMP-3-5-103114	10/31/2014	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-3-5-020915	2/9/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.005	U	
		VMP-3-5-050415	5/4/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-3-5-072915	7/29/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-3-5-110515	11/5/2015	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0045	J		<0.0045	U		<0.0045	U	
		VMP-3-5-021616	2/16/2016	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0036	J		<0.0047	U		<0.0047	U	
		VMP-3-5-042716	4/27/2016	0.0054			<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U	
		VMP-3-5-080116	8/1/2016	<0.0067	U		<0.015	U		<0.012	U		<0.012	U		<0.012	U		0.0037	J		<0.0079	U		<0.0079	U	
		VMP-3-5-102616	10/26/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0024	J		<0.0056	U		<0.0056	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10	6/21/2010	1000			<12	U		<9.1	U		<9.1	U		<9.1	U		<7.5	U		<6.1	U		<6.1	U	
		VMP 3-10-091010	9/10/2010	970			<33	U		<26	U		<26	U		<26	U		<21	U		<17	U		<17	U	
		VMP-3-10-092010	9/20/2010	840			<24	U		<19	U		<19	U		<19	U		<15	U		<12	U		<12	U	
		VMP-3-10-112210	11/22/2010	1300			<10	U		<7.9	U		<7.9	U		<7.9	U		<6.5	U		<5.3	U		<5.3	U	
		VMP-3-10-112210-Dup	11/22/2010	1100			<14	U		<11	U		<11	U		<11	U		<9.1	U		<7.4	U		<7.4	U	
		VMP-3-10-020811	2/8/2011	930			<15	U		<12	U		<12	U		<12	U		<9.6	U		<7.8	U		<7.8	U	
		VMP-3-10-041311	4/13/2011	570			<86	U		<68	U		<68	U		<68	U		<56	U		<46	U		<46	U	
		VMP-3-10-080311	8/3/2011	3.6			<0.11	U		<0.085	U		<0.085	U		<0.085	U		<0.07	U		<0.057	U		<0.057	U	
		VMP-3-10-110811	11/8/2011	0.012			<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0022	J	J	<0.0047	U		<0.0047	U	
		VMP-3-10-012712	1/27/2012	0.4			<0.064	U		<0.05	U		<0.05	U		<0.05	U		<0.042	U		<0.034	U		<0.034	U	
		VMP-3-10-042012	4/20/2012	0.0056			0.0032	J		<0.0051	J	U	<0.0051	J	U	<0.0051	J	U	0.003	J		<0.0035	U		<0.0035	J	U
		VMP-3-10-072312	7/23/2012	0.0051			<0.0077	U		<0.006	U		<0.006	U		<0.006	U		0.0027	J		<0.0041	U		<0.0041	U	
		VMP-3-10-101812	10/18/2012	0.1			<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0025	J		<0.0061	U		<0.0061	U	
		VMP-3-10-020613	2/6/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U	
		VMP-3-10-060413	6/4/2013	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	J	U	0.002	J		<0.0061	U		<0.0061	U	
		VMP-3-10-072913	7/29/2013	0.0017	J		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.002	J		<0.0059	U		<0.0059	U	
		VMP-3-10-110613	11/6/2013	0.0078			<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-3-10-022814	2/28/2014	0.0065			<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0021	J		<0.0048	U		<0.0048	U	
		VMP-3-10-022814-Dup	2/28/2014	0.0083			<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0019	J		<0.0046	U		<0.0046	U	
		VMP-3-10-050214	5/2/2014	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0018	J		<0.0052	U		<0.0052	U	
		VMP-3-10-081214	8/12/2014	0.0061			<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0034	J		<0.0061	U		<0.0061	U	
		VMP-3-10-103114	10/31/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0027	J		<0.0054	U		<0.0054	U	
		VMP-3-10-020915	2/9/2015	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0029	J		<0.0045	U		<0.0045	U	
		VMP-3-10-050415	5/4/2015	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0022	J		<0.0058	U		<0.0058	U	
		VMP-3-10-072915	7/29/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-3-10-110315	11/3/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.003	J		<0.0056	U		<0.0056	U	
		VMP-3-10-021616	2/16/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0034	J		<0.005	U		<0.005	U	
		VMP-3-10-042716	4/27/2016	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0028	J		<0.0061	U		<0.0061	U	
		VMP-3-10-080216	8/2/2016	0.0014	J		<0.011	U		<0.0083	U		<0.0083	U		0.0023	J		0.0032	J		<0.0056	U		<0.0056	U	
		VMP-3-10-102616	10/26/2016	0.0014	J		<0.012	U		<0.0094	U		<0.0094	U		<0.0094	U		0.0025	J		<0.0063	U		<0.0063	U	
	22 ft	VMP-3-22	11/4/2009	980			<30	U		<23	U		<23	U		<23	U		<19	U		<16	U		<16	U	
		VMP-3-22-092010	9/20/2010	1100			<31	U		<24	U		<24	U		<24	U		<20	U		<16	U		<16	U	
		VMP-3-22-112210	11/22/2010	1300			<36	U		<28	U		<28	U		<28	U		<23	U		<19	U		<19	U	
		VMP-3-22-020811	2/8/2011	890			<18	U		<14	U		<14	U		<14	U		<11	U		<9.3	U		<9.3	U	
		VMP-3-22-041511	4/15/2011	760			<95	U		<74	U		<74	U		<74	U		<61	U		<50	U		<50	U	
		VMP-3-22-080611	8/6/2011	0.78			<0.15	U		<0.12	U		<0.12	U		<0.12	U		<0.098	U		<0.08	U		<0.08	U	
		VMP-3-22-110811	11/8/2011	0.0038			<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0019	J		<0.0035	U		<0.0035	U	
		VMP-3-22-013012	1/30/2012	0.39			<0.027	U		<0.021	U		<0.021	U		<0.021	U		<0.017	U		<0.014	U		<0.014	U	
		VMP-3-22-042012	4/20/2012	0.0072			0.0021	J		<0.0053	J	U	<0.0053	J	U	<0.0053	J	U	0.0027	J		<0.0035	U		0.00068	J	
		VMP-3-22-072312	7/23/2012	<0.0034	U		<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0026	J		<0.004	U		<0.004	U	
		VMP-3-22-101812	10/18/2012	0.0035	J		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0024	J		<0.006	U		<0.006	U	
		VMP-3-22-020613	2/6/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0026	J		<0.0058	U		<0.0058	U	
		VMP-3-22-060413	6/4/2013	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	J	U	0.0026	J		<0.0058	U		<0.0058	U	
		VMP-3-22-060413-Dup	6/4/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0024	J		<0.006	U		<0.006	U	
		VMP-3-22-072913	7/29/2013	0.0027	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0018	J		<0.0057	U		<0.0057	U	
		VMP-3-22-110613	11/6/2013	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-3-22-110613-Dup	11/6/2013	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0019	J		<0.0052	U		<0.0052	U	
		VMP-3-22-021314	2/13/2014	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U	
		VMP-3-22-050214	5/2/2014	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-3-22-081214	8/12/2014	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0033	J		<0.0059	U		<0.0059	U	
		VMP-3-22-103114	10/31/2014	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.0051	U	
		VMP-3-22-020915	2/9/2015	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0032	J		<0.0049	U		<0.0049	U	
		VMP-3-22-050815	5/8/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-3-22-072915	7/29/2015	0.0028	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0023	J		<0.0058	U		<0.0058	U	
		VMP-3-22-110315	11/3/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0042	J		<0.0053	U		<0.0053	U	
		VMP-3-22-021616	2/16/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.003	J		<0.0058	U		<0.0058	U	
		VMP-3-22-042716	4/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-3-22-080116	8/1/2016	0.001	J		<0.014	U		<0.011	U		<0.011	U		<0.011	U		0.0033	J		<0.0071	U		<0.0071	U	
		VMP-3-22-102616	10/26/2016	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0028	J		<0.0058	U		<0.0058	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	31.5 ft	VMP-3-31.5	11/4/2009	920			<48	U		<37	U		<37	U		<37	U		<31	U		<25	U		<25	U	
		VMP-3-31.5-090910	9/9/2010	1100			<58	U		<46	U		<46	U		<46	U		<38	U		<31	U		<31	U	
		VMP-3-31.5-112210	11/22/2010	1400			<41	U		<32	U		<32	U		<32	U		<26	U		<21	U		<21	U	
		VMP-3-31.5-020911	2/9/2011	1000			<39	U		<30	U		<30	U		<30	U		<25	U		<20	U		<20	U	
		VMP-3-31.5-041411	4/14/2011	910			<320	U		<250	U		<250	U		<250	U		<200	U		<170	U		<170	U	
		VMP-3-31.5-041411-DUP	4/14/2011	830			<320	U		<250	U		<250	U		<250	U		<200	U		<170	U		<170	U	
		VMP-3-31.5-080211	8/2/2011	1000			<720	U		<560	U		<560	U		<560	U		<460	U		<380	U		<380	U	
		VMP-3-31.5-080211-Dup	8/2/2011	1400			<420	U		<330	U		<330	U		<330	U		<270	U		<220	U		<220	U	
		VMP-3-31.5-110811	11/8/2011	49			<17	U		<13	U		<13	U		<13	U		<11	U		<8.9	U		6.9	J	
		VMP-3-31.5-012712	1/27/2012	210		J	<110	U		<83	U		<83	U		<83	U		<68	U		<56	U		<56	U	
		VMP-3-31.5-041912	4/19/2012	580			<180	U		<140	U		<140	U		<140	U		<120	U		<97	U		<97	U	
		VMP-3-31.5-041912-Dup	4/19/2012	590			<180	U		<140	U		<140	U		<140	U		<110	U		<93	U		<93	U	
		VMP-3-31.5-072312	7/23/2012	120			<44	U		<34	U		<34	U		<34	U		<28	U		<23	U		<23	U	
		VMP-3-31.5-101912	10/19/2012	6.8			<3.5	U		<2.8	U		<2.8	U		<2.8	U		<2.3	U		<1.9	U		<1.9	U	
		VMP-3-31.5-020713	2/7/2013	<8.9	U		<20	U		<16	U		<16	U		<16	U		<13	U		<10	U		<10	U	
		VMP-3-31.5-060413	6/4/2013	32			<11	U		<8.5	U		<8.5	U		<8.5	U		<7	U		<5.7	U		<5.7	U	
		VMP-3-31.5-072913	7/29/2013	18			<11	U		<8.9	U		<8.9	U		<8.9	U		<7.3	U		<6	U		<6	U	
		VMP-3-31.5-110613	11/6/2013	<0.22	U		<0.48	U		<0.38	U		<0.38	U		<0.38	U		<0.31	U		<0.26	U		<0.25	U	
		VMP-3-31.5-022114	2/21/2014	0.0064	J		<0.038	U		<0.03	U		<0.03	U		<0.03	U		<0.024	U		<0.02	U		<0.02	U	
		VMP-3-31.5-050214	5/2/2014	<0.22	U		<0.49	U		<0.38	U		<0.38	U		<0.38	U		<0.31	U		<0.26	U		<0.26	U	
		VMP-3-31.5-081214	8/12/2014	0.0031	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0033	J		<0.0054	U		<0.0054	U	
		VMP-3-31.5-103114	10/31/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0053	U		<0.0053	U	
		VMP-3-31.5-020915	2/9/2015	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.003	J		<0.0046	U		<0.0046	U	
		VMP-3-31.5-110315	11/3/2015	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.004	J		<0.0052	U		<0.0052	U	
		VMP-3-31.5-020116	2/1/2016	0.0025	J		<0.013	U		<0.01	U		<0.01	U		<0.01	U		<0.0083	U		<0.0068	U		<0.0068	U	
		VMP-3-31.5-042716	4/27/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-3-31.5-080116	8/1/2016	0.0011	J		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0031	J		<0.0061	U		<0.0061	U	
		VMP-3-31.5-102616	10/26/2016	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0027	J		<0.0048	U		<0.0048	U	
	39 ft	VMP-3-39	11/4/2009	790			<95	U		<74	U		<74	U		<74	U		<61	U		<50	U		<50	U	
		VMP-3-39-101912	10/19/2012	340			<350	U		<280	U		<280	U		<280	U		<230	U		<190	U		<190	U	
		VMP-3-39-021213	2/12/2013	<45	U		<100	U		<79	U		<79	U		<79	U		<65	U		<53	U		<53	U	
		VMP-3-39-060413	6/4/2013	54			<10	U		<8.3	U		<8.3	U		<8.3	U		<6.8	U		<5.6	U		<5.6	U	
		VMP-3-39-072913	7/29/2013	13			<9	U		<7.1	U		<7.1	U		<7.1	U		<5.8	U		<4.8	U		<4.8	U	
		VMP-3-39-110613	11/6/2013	<4.3	U		<9.7	U		<7.6	U		<7.6	U		<7.6	U		<6.2	U		<5.1	U		<5.1	U	
		VMP-3-39-022114	2/21/2014	200			<93	U		<73	U		<73	U		<73	U		<60	U		<49	U		<49	U	
		VMP-3-39-050214	5/2/2014	6			<2.1	U		<1.6	U		<1.6	U		<1.6	U		<1.3	U		<1.1	U		<1.1	U	
		VMP-3-39-050214-Dup	5/2/2014	5.3			<4.4	U		<3.4	U		<3.4	U		<3.4	U		<2.8	U		<2.3	U		<2.3	U	
		VMP-3-39-081214	8/12/2014	<2.7	U		<6	U		<4.6	U		<4.6	U		<4.6	U		<3.8	U	UJ	<3.1	U		<3.1	U	
		VMP-3-39-103114	10/31/2014	4.6			<0.55	U		<0.43	U		<0.43	U		<0.43	U		<0.36	U		<0.29	U		<0.29	U	
		VMP-3-39-020915	2/9/2015	<14	U		<30	U		<24	U		<24	U		<24	U		<20	U		<16	U		<16	U	
		VMP-3-39-110315	11/3/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.003	J		<0.005	U		<0.005	U	
		VMP-3-39-020116	2/1/2016	0.0012	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-3-39-020116-DUP	2/1/2016	0.0025	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0017	J		<0.0056	U		<0.0056	U	
VMP-4	5 ft	VMP-4-5	11/5/2009	5.7			<0.097	U		<0.076	U		<0.076	U		<0.076	U		<0.062	U		<0.051	U		<0.051	U	
		VMP-4-5-082510	8/25/2010	40			<0.55	U		<0.43	U		<0.43	U		<0.43	U		<0.36	U		<0.29	U		<0.29	U	
		VMP-4-5-112210	11/22/2010	1200			<21	U		<16	U		<16	U		<16	U		<13	U		<11	U		<11	U	
		VMP-4-5-021411	2/14/2011	120			<1.2	U		<0.95	U		<0.95	U		<0.95	U		<0.78	U		<0.64	U		<0.64	U	
		VMP-4-5-041911	4/19/2011	770			<56	U		<44	U		<44	U		<44	U		<36	U		<29	U		<29	U	
		VMP-4-5-080311	8/3/2011	0.2			<0.12	U		<0.093	U		<0.093	U		<0.093	U		<0.077	U		<0.063	U		<0.063	U	
		VMP-4-5-110911	11/9/2011	0.0092			<0.0066	U		<0.0051	U		<0.0051	U		<0.0051	U		0.0019	J		<0.0035	U		<0.0035	U	
		VMP-4-5-013012	1/30/2012	6.2		J	<0.34	U		<0.26	U		<0.26	U		<0.26	U		<0.22	U		<0.18	U		<0.18	U	
		VMP-4-5-042512	4/25/2012	0.17			0.0022	J		<0.0065	J	U	<0.0065	J	U	<0.0065	J	U	0.0026	J		<0.0044	U		<0.0044	U	
		VMP-4-5-072512	7/25/2012	0.0087			<0.0082	U		<0.0064	U		<0.0064	J	U	<0.0064	J	U	0.0028	J		<0.0043	U		<0.0043	U	
		VMP-4-5-101812	10/18/2012	0.0012	J		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0032	J		<0.0063	U		<0.0063	U	
		VMP-4-5-020713	2/7/2013	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-4-5-050913	5/9/2013	0.0017	J		<0.012	J	U	<0.0094	U		<0.0094	J	U	<0.0094	U		0.0027	J		<0.0064	U		<0.0064	U	
		VMP-4-5-080113	8/1/2013	0.0032	J		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0024	J		<0.0061	U		<0.0061	U	
		VMP-4-5-120313-R	12/3/2013	<0.005	U		0.0017	J		<0.0087	J	U	<0.0087	U		<0.0087	J	U	0.0028	J		<0.0058	U		<0.0058	U	
		VMP-4-5-022714	2/27/2014	0.016			<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0022	J		0.00095	J		0.001	J	
		VMP-4-5-050214	5/2/2014	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
		VMP-4-5-081514	8/15/2014	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0028	J		<0.0059	U		<0.0059	U	
		VMP-4-5-021015	2/10/2015	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0028	J		<0.0052	U		<0.0052	U	
		VMP-4-5-110215	11/2/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-4-5-020316	2/3/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-4-5-050516	5/5/2016	<0.2	U		<0.45	U		<0.35	U		<0.35	U		<0.35	U		<0.29	U		<0.24	U		<0.24	U	
		VMP-4-5-080216	8/2/2016	0.0052			<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-4-5-102816	10/28/2016	0.0023	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0053	U		<0.0053	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	12 ft	VMP-4-12	11/5/2009	170			<1.6	U		<1.3	U		<1.3	U		<1.3	U		<1	U		<0.85	U		<0.85	U	
		VMP-4-12-082510	8/25/2010	880			<9.7	U		<7.6	U		<7.6	U		<7.6	U		<6.2	U		<5.1	U		<5.1	U	
		VMP-4-12-112310	11/23/2010	760			<9.9	U		<7.8	U		<7.8	U		<7.8	U		<6.4	U		<5.2	U		<5.2	U	
		VMP-4-12-021411	2/14/2011	280			<2.5	U		<1.9	U		<1.9	U		<1.9	U		<1.6	U		<1.3	U		<1.3	U	
		VMP-4-12-041911	4/19/2011	860			<48	U		<38	U		<38	U		<38	U		<31	U		<25	U		<25	U	
		VMP-4-12-080311	8/3/2011	230			<5.5	U		<4.3	U		<4.3	U		<4.3	U		<3.6	U		<2.9	U		<2.9	U	
		VMP-4-12-080311-Dup	8/3/2011	210			<11	U		<8.7	U		<8.7	U		<8.7	U		<7.1	U		<5.8	U		<5.8	U	
		VMP-4-12-110911	11/9/2011	16			<1.7	U		<1.3	U		<1.3	U		<1.3	U		<1.1	U	UJ	<0.89	U		<0.89	U	
		VMP-4-12-013012	1/30/2012	100			<3.4	U		<2.7	U		<2.7	U		<2.7	U		<2.2	U		<1.8	U		<1.8	U	
		VMP-4-12-041812	4/18/2012	0.0096			0.0019	J		<0.006	U		<0.006	U		<0.006	J	U	0.003	J		<0.0041	U		<0.0041	J	U
		VMP-4-12-072312	7/23/2012	0.1			<0.037	U		<0.029	U		<0.029	U		<0.029	U		<0.024	U		<0.02	U		<0.02	U	
		VMP-4-12-101812	10/18/2012	0.002	J		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		<0.0075	U		<0.0061	U		<0.0061	U	
		VMP-4-12-101812-Dup	10/18/2012	0.0024	J		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0023	J		<0.0063	U		<0.0063	U	
		VMP-4-12-020713	2/7/2013	0.0033	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-4-12-020713-DUP	2/7/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U	
		VMP-4-12-050913	5/9/2013	0.018			<0.023	U		<0.018	U		<0.018	U		<0.018	U		<0.015	U		<0.012	U		<0.012	U	
		VMP-4-12-080113	8/1/2013	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0028	J		<0.0062	U		<0.0062	U	
		VMP-4-12-120313-R	12/3/2013	0.0045	J		<0.011	U		<0.0084	J	U	<0.0084	U		<0.0084	J	U	0.0025	J		<0.0056	U		<0.0056	U	
		VMP-4-12-022714	2/27/2014	0.0011	J		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U	
		VMP-4-12-050214	5/2/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U	
		VMP-4-12-081414	8/14/2014	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-4-12-021015	2/10/2015	0.002	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0029	J		<0.0052	U		<0.0052	U	
		VMP-4-12-051115	5/11/2015	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0024	J		<0.0048	U		<0.0048	U	
		VMP-4-12-080315	8/3/2015	<0.0052	U		<0.012	U		0.0038	J		<0.0091	U		<0.0091	U		0.0025	J		<0.0061	U		<0.0061	U	
		VMP-4-12-110215	11/2/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0025	J		<0.0058	U		<0.0058	U	
		VMP-4-12-020316	2/3/2016	0.0024	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0037	J		<0.0051	U		<0.0051	U	
		VMP-4-12-050316	5/3/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U	
		VMP-4-12-080216	8/2/2016	<0.0056	U		<0.013	U		<0.0099	U		<0.0099	U		<0.0099	U		0.0022	J		<0.0066	U		<0.0066	U	
		VMP-4-12-102816	10/28/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0034	J		<0.0055	U		<0.0055	U	
	23.5 ft	VMP-4-23.5	11/5/2009	2500			<74	U		<58	U		<58	U		<58	U		<48	U		<39	U		<39	U	
		VMP - 4 - 23.5 - 083110	8/31/2010	3000		J	<11	U		<8.7	U		<8.7	U		<8.7	U		<7.1	U		<5.8	U		<5.8	U	
		VMP-4-23.5-112310	11/23/2010	2900			<110	U		<87	U		<87	U		<87	U		<72	U		<59	U		<59	U	
		VMP-4-23.5-021411	2/14/2011	1700		J	<4.1	U		<3.2	U		<3.2	U		<3.2	U		<2.6	U		<2.1	U		<2.1	U	
		VMP-4-23.5-042011	4/20/2011	2600			<260	U		<200	U		<200	U		<200	U		<170	U		<140	U		<140	U	
		VMP-4-23.5-042011-DUP	4/20/2011	2400			<260	U		<200	U		<200	U		<200	U		<170	U		<140	U		<140	U	
		VMP-4-23.5-080611	8/6/2011	1900			<11	U		<8.4	U		<8.4	U		<8.4	U		<6.9	U		<5.7	U		<5.7	U	
		VMP-4-23.5-110911	11/9/2011	940			<32	U		<25	U		<25	U		<25	U		<21	U		<17	U		13	J	
		VMP-4-23.5-013012	1/30/2012	3400		J	<69	U		<54	U		<54	U		<54	U		<44	U		<36	U		<36	U	
		VMP-4-23.5-013012-DUP	1/30/2012	2500		J	<48	U		<38	U		<38	U		<38	U		<31	U		<25	U		<25	U	
		VMP-4-23.5-041912	4/19/2012	1500			<15	U		<12	U		<12	U		<12	U		<9.7	U		<7.9	U		<7.9	U	
		VMP-4-23.5-072312	7/23/2012	540			<7.2	U		<5.6	U		<5.6	U		<5.6	U		<4.6	U		<3.8	U		<3.8	U	
		VMP-4-23.5-101812	10/18/2012	52			<7.9	U		<6.2	U		<6.2	U		<6.2	U		<5.1	U		<4.2	U		<4.2	U	
		VMP-4-23.5-020713	2/7/2013	<1.1	U		<2.5	U		<2	U		<2	U		<2	U		<1.6	U		<1.3	U		<1.3	U	
		VMP-4-23.5-051513	5/15/2013	250			<3	U		<2.3	U		<2.3	U		<2.3	U		<1.9	U		<1.6	U		<1.6	U	
		VMP-4-23.5-080113	8/1/2013	210			<11	U		<8.7	U		<8.7	U		<8.7	U		<7.1	U		<5.8	U		<5.8	U	
		VMP-4-23.5-080113-Dup	8/1/2013	180			<11	U		<8.7	U		<8.7	U		<8.7	U		<7.1	U		<5.8	U		<5.8	U	
		VMP-4-23.5-110713	11/7/2013	120			<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.2	U		<0.98	U		<0.98	U	
		VMP-4-23.5-022714	2/27/2014	43			<0.35	U		<0.27	U		<0.27	U		<0.27	U		<0.22	U		<0.18	U		<0.18	U	
		VMP-4-23.5-050214	5/2/2014	73			<0.85	U		<0.66	U		<0.66	U		<0.66	U		<0.55	U		<0.45	U		<0.45	U	
		VMP-4-23.5-081314	8/13/2014	2.7			<0.22	U		<0.17	U		<0.17	U		<0.17	U		<0.14	U		<0.11	U		<0.11	U	
		VMP-4-23.5-090414-R	9/4/2014	6.8			<0.46	U		0.086	J		<0.36	U		<0.36	U		<0.29	U		<0.24	U		<0.24	U	
		VMP-4-23.5-110714	11/7/2014	53			<0.51	U		<0.4	U		<0.4	U		<0.4	U		<0.33	U		<0.27	U		<0.27	U	
		VMP-4-23.5-021015	2/10/2015	86			<1.1	U		<0.88	U		<0.88	U		<0.88	U		<0.72	U		<0.59	U		<0.59	U	
		VMP-4-23.5-050815	5/8/2015	54			<1.1	U		<0.83	U		<0.83	U		<0.83	U		<0.68	U		<0.56	U		<0.56	U	
		VMP-4-23.5-061515-R	6/15/2015	92	E	J	<0.11	U		<0.09	U		<0.09	U		<0.09	U		<0.074	U		<0.06	U		<0.06	U	
		VMP-4-23.5-073015	7/30/2015	49			<0.43	U		<0.33	U		<0.33	U		<0.33	U		<0.27	U		<0.22	U		<0.22	U	
		VMP-4-23.5-110215	11/2/2015	33			<0.21	U		<0.16	U		<0.16	U		<0.16	U		<0.14	U		<0.11	U		<0.11	U	
		VMP-4-23.5-020316	2/3/2016	45			<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.2	U		<0.96	U		<0.96	U	
		VMP-4-23.5-020316-DUP	2/3/2016	38			<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.1	U		<0.92	U		<0.92	U	
		VMP-4-23.5-050316	5/3/2016	28		J	<0.14	U		<0.11	U		<0.11	U		<0.11	U		<0.09	U		<0.074	U		<0.074	U	
		VMP-4-23.5-080216	8/2/2016	18			<0.52	U		<0.4	U		<0.4	U		<0.4	U		<0.33	U		<0.27	U		<0.27	U	
		VMP-4-23.5-080216-DUP	8/2/2016	19			<0.53	U		<0.41	U		<0.41	U		<0.41	U		<0.34	U		<0.28	U		0.13	J	
		VMP-4-23.5-092316-DUP-R	9/23/2016	25		J	<0.11	U		<0.089	U		<0.089	U		<0.089	U		<0.073	U		<0.06	U		<0.06	U	
		VMP-4-23.5-092316-R	9/23/2016	27		J	<0.12	U		<0.096	U		<0.096	U		<0.096	U		<0.079	U		<0.065	U		<0.065	U	
		VMP-4-23.5-102816	10/28/2016	13			<0.11	U		<0.085	U		<0.085	U		<0.085	U		<0.07	U		<0.057	U		<0.057	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	39 ft	VMP-4-39	11/5/2009	2400			<57	U		<45	U		<45	U		<45	U		<37	U		<30	U		<30	U	
		VMP-4-39-042111	4/21/2011	2400			<320	U		<250	U		<250	U		<250	U		<210	U		<170	U		<170	U	
		VMP-4-39-041912	4/19/2012	2300			<7.7	U		<6	U		<6	U		<6	U		<5	U		<4.1	U		<4.1	U	
		VMP-4-39-072312	7/23/2012	1400		J	<12	U		<9.1	U		<9.1	U		<9.1	U		<7.5	U		<6.1	U		<6.1	U	
		VMP-4-39-101812	10/18/2012	710			<140	U		<110	U		<110	U		<110	U		<94	U		<77	U		<77	U	
		VMP-4-39-101812-Dup	10/18/2012	670			<130	U		<100	U		<100	U		<100	U		<85	U		<70	U		<70	U	
		VMP-4-39-020713	2/7/2013	<9.2	U		<21	U		<16	U		<16	U		<16	U		<13	U		<11	U		<11	U	
		VMP-4-39-051513	5/15/2013	500			<11	U		<8.7	U		<8.7	U		<8.7	U		<7.2	U		<5.9	U		<5.9	U	
		VMP-4-39-110713	11/7/2013	57			<10	U		<8	U		<8	U		<8	U		<6.6	U		<5.4	U		<5.4	U	
		VMP-4-39-022714	2/27/2014	230			<4.5	U		<3.5	U		<3.5	U		<3.5	U		<2.9	U		<2.4	U		<2.4	U	
		VMP-4-39-050214	5/2/2014	660			<9.6	U		<7.5	U		<7.5	U		<7.5	U		<6.2	U		<5.1	U		<5.1	U	
		VMP-4-39-081314	8/13/2014	8.2			<2	U		<1.6	U		<1.6	U		<1.6	U		<1.3	U	UJ	<1	U		<1	U	
VMP-5	5 ft	VMP-5-5	11/5/2009	78			<1.7	U		<1.3	U		<1.3	U		<1.3	U		<1.1	U		<0.91	U		<0.91	U	
		VMP-5-5-090910	9/9/2010	400			<20	U		<16	U		<16	U		<16	U		<13	U		<11	U		<11	U	
		VMP-5-5-112210	11/22/2010	450			<5	U		<3.9	U		<3.9	U		<3.9	U		<3.2	U		<2.6	U		<2.6	U	
		VMP-5-5-021611	2/16/2011	4.4			<0.032	U		<0.025	U		<0.025	U		<0.025	U		<0.02	U		<0.017	U		<0.017	U	
		VMP-5-5-042111	4/21/2011	0.033	J		<0.1	U		<0.079	U		<0.079	U		<0.079	U		<0.065	U		<0.053	U		<0.053	U	
		VMP-5-5-080511	8/5/2011	0.035			<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-5-5-111111	11/11/2011	0.25			<0.0071	U		<0.0056	U		<0.0056	U		<0.0056	U		0.0015	J		<0.0038	U		<0.0038	U	
		VMP-5-5-013012	1/30/2012	0.44			0.0073	J		<0.056	U		<0.056	U		<0.056	U		<0.046	U		<0.038	U		<0.038	U	
		VMP-5-5-041112	4/11/2012	0.0012	J		<0.007	U		<0.0055	U		0.00098	J		0.0021	J		0.0024	J		<0.0037	U		<0.0037	U	
		VMP-5-5-071312	7/13/2012	<0.0035	J	U	<0.0078	U		<0.0061	U		<0.0061	J	U	<0.0061	J	U	0.0024	J		<0.0041	U		<0.0041	U	
		VMP-5-5-101212	10/12/2012	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	J	U	0.0025	J		<0.0051	U		<0.0051	U	
		VMP-5-5-012513	1/25/2013	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0018	J		<0.0053	U		<0.0053	U	
		VMP-5-5-042913	4/29/2013	<0.0048	U		<0.011	J	U	<0.0084	J	U	<0.0084	J	U	<0.0084	J	U	0.0025	J		<0.0057	U		<0.0057	J	U
		VMP-5-5-082313-R	8/23/2013	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U	UJ	0.0028	J		<0.0062	U		<0.0062	U	
		VMP-5-5-110513	11/5/2013	0.00074	J		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.002	J		<0.0048	U		<0.0048	U	
		VMP-5-5-021814	2/18/2014	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U	
		VMP-5-5-042814	4/28/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0042	J		<0.0055	J	U	<0.0055	J	U
		VMP-5-5-080814	8/8/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0036	J		<0.0051	U		<0.0051	U	
		VMP-5-5-110514	11/5/2014	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0033	J		<0.0048	U		<0.0048	U	
		VMP-5-5-013015	1/30/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0023	J		<0.0054	U		<0.0054	U	
		VMP-5-5-042915	4/29/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0023	J		<0.0054	U		<0.0054	J	U
		VMP-5-5-072915	7/29/2015	<0.006	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.003	J		<0.0071	U		<0.0071	U	
		VMP-5-5-102915	10/29/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0033	J		<0.0054	U		<0.0054	U	
		VMP-5-5-012516	1/25/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0028	J		<0.0052	U		<0.0052	U	
		VMP-5-5-042816	4/28/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0019	J		<0.0057	U		<0.0057	U	
		VMP-5-5-072816	7/28/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-5-5-102516	10/25/2016	0.0019	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0029	J		<0.0056	U		<0.0056	U	
	12.5 ft	VMP-5-12.5	11/6/2009	240			<2	U		<1.6	U		<1.6	U		<1.6	U		<1.3	U		<1	U		<1	U	
		VMP-5-12.5-D	11/6/2009	240			<4.4	U		<3.5	U		<3.5	U		<3.5	U		<2.9	U		<2.3	U		<2.3	U	
		VMP-5-12.5-090910	9/9/2010	360			<10	U		<7.9	U		<7.9	U		<7.9	U		<6.5	U		<5.3	U		<5.3	U	
		VMP-5-12.5-112310	11/23/2010	14			<0.51	U		<0.4	U		<0.4	U		<0.4	U		<0.33	U		<0.27	U		<0.27	U	
		VMP-5-12.5-021611	2/16/2011	36			<1.5	U		<1.2	U		<1.2	U		<1.2	U		<0.98	U		<0.8	U		<0.8	U	
		VMP-5-12.5-042111	4/21/2011	0.023	J		<0.11	U		<0.085	U		<0.085	U		<0.085	U		<0.07	U		<0.057	U		<0.057	U	
		VMP-5-12.5-080611	8/6/2011	180			<9.5	U		<7.4	U		<7.4	U		<7.4	U		<6.1	U		<5	U		<5	U	
		VMP-5-12.5-111111	11/11/2011	0.0019	J		<0.0068	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0017	J		<0.0036	U		<0.0036	U	
		VMP-5-12.5-013012	1/30/2012	0.14			<0.022	U		<0.017	U		<0.017	U		<0.017	U		<0.014	U		<0.012	U		<0.012	U	
		VMP-5-12.5-041112	4/11/2012	0.0022	J		<0.0067	U		<0.0053	U		0.0011	J		0.0016	J		0.0027	J		<0.0035	U		0.00075	J	
		VMP-5-12.5-071212	7/12/2012	<0.0035	U		<0.0079	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0022	J		<0.0042	U		<0.0042	U	
		VMP-5-12.5-101112	10/11/2012	<0.0084	U		<0.019	U		<0.015	U		<0.015	U		<0.015	U		0.0022	J		<0.0099	U		<0.0099	U	
		VMP-5-12.5-012413	1/24/2013	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U	
		VMP-5-12.5-042913	4/29/2013	0.0086			<0.012	J	U	<0.0095	U		<0.0095	J	U	<0.0095	J	U	0.0027	J		<0.0064	U		<0.0064	J	U
		VMP-5-12.5-080113	8/1/2013	<0.0054	U		<0.012	U		<0.0094	U		<0.0094	U		<0.0094	U		0.0027	J		<0.0063	U		<0.0063	U	
		VMP-5-12.5-110513	11/5/2013	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0052	U		<0.0052	U	
		VMP-5-12.5-021814	2/18/2014	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-5-12.5-042814	4/28/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	J	U	<0.0053	J	U	<0.0053	U	
		VMP-5-12.5-080814	8/8/2014	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.004	J		<0.0052	U		<0.0052	U	
		VMP-5-12.5-110514	11/5/2014	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0033	J		<0.0052	U		0.00062	J	
		VMP-5-12.5-110514-DUP	11/5/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0032	J		<0.0053	U		<0.0053	U	
		VMP-5-12.5-013015	1/30/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-5-12.5-042915	4/29/2015	<0.0049	U		<0.011	U		0.0019	J		0.002	J		0.0024	J		0.0025	J		<0.0058	U		<0.0058	J	U
		VMP-5-12.5-072915	7/29/2015	0.0053	J		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0034	J		<0.0064	U		<0.0064	U	
		VMP-5-12.5-102915	10/29/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-5-12.5-012516	1/25/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-5-12.5-042816	4/28/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		0.00086	J		0.0027	J		<0.0055	U		<0.0055	U	
		VMP-5-12.5-072816	7/28/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0029	J		<0.006	U		<0.006	U	
		VMP-5-12.5-102516	10/26/2016	0.0021	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31	11/6/2009	1600			<18	U		<14	U		<14	U		<14	U		<12	U		<9.6	U		<9.6	U	
		VMP-5-31-090910	9/9/2010	1600			<42	U		<33	U		<33	U		<33	U		<27	U		<22	U		<22	U	
		VMP-5-31-112310	11/23/2010	2200			<26	U		<21	U		<21	U		<21	U		<17	U		<14	U		<14	U	
		VMP-5-31-021611	2/16/2011	1300			<11	U		<8.3	U		<8.3	U		<8.3	U		<6.8	U		<5.6	U		<5.6	U	
		VMP-5-31-042111	4/21/2011	1600			<160	U		<120	U		<120	U		<120	U		<100	U		<83	U		<83	U	
		VMP-5-31-080611	8/6/2011	1400			<89	U		<70	U		<70	U		<70	U		<57	U		<47	U		<47	U	
		VMP-5-31-111111	11/11/2011	670			<45	U		<35	U		<35	U		<35	U		<29	U		<24	U		12	J	
		VMP-5-31-013012	1/30/2012	480			<23	U		<18	U		<18	U		<18	U		<15	U		<12	U		<12	U	
		VMP-5-31-041112	4/11/2012	0.46			<0.073	U		<0.057	U		<0.057	U		<0.057	U		<0.047	U		<0.039	U		<0.039	U	
		VMP-5-31-071212	7/12/2012	0.025			<0.0077	U		<0.006	U		<0.006	U		<0.006	U		0.0017	J		<0.0041	U		<0.0041	U	
		VMP-5-31-101112	10/11/2012	0.0041	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-5-31-012413	1/24/2013	0.015	J		<0.11	U		<0.084	U		<0.084	U		<0.084	U		<0.069	U		<0.057	U		<0.057	U	
		VMP-5-31-042913	4/29/2013	0.0035	J		<0.011	U		<0.0086	U		<0.0086	J	U	<0.0086	J	U	0.0027	J		<0.0058	U		<0.0058	U	
		VMP-5-31-080113	8/1/2013	0.0036	J		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0026	J		<0.006	U		<0.006	U	
		VMP-5-31-110513	11/5/2013	0.0016	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0015	J		<0.0053	U		<0.0053	U	
		VMP-5-31-110513-Dup	11/5/2013	0.0014	J		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0.0051	U	
		VMP-5-31-021814	2/18/2014	0.0014	J		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-5-31-042814	4/28/2014	0.0052			<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0067	J	U	<0.0055	J	U	<0.0055	J	U
		VMP-5-31-080814	8/8/2014	0.0012	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0031	J		<0.005	U		<0.005	U	
		VMP-5-31-110514	11/5/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-5-31-013015	1/30/2015	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.002	J		<0.0062	U		<0.0062	U	
		VMP-5-31-042915	4/29/2015	0.0024	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-5-31-072915	7/29/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-5-31-102915	10/29/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.003	J		<0.0053	U		<0.0053	U	
		VMP-5-31-030916-R	3/9/2016	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0034	J		<0.005	U		<0.005	U	
		VMP-5-31-042816	4/28/2016	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0019	J		<0.0062	U		<0.0062	U	
		VMP-5-31-072816	7/28/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U	
		VMP-5-31-102516	10/26/2016	0.0048			<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0027	J		<0.0056	U		<0.0056	U	
	40 ft	VMP-5-40	11/6/2009	1400			<25	U		<20	U		<20	U		<20	U		<16	U		<13	U		<13	U	
		VMP-5-40-042111	4/21/2011	1400			<160	U		<130	U		<130	U		<130	U		<110	U		<87	U		<87	U	
		VMP-5-40-013012	1/30/2012	410			<48	U		<38	U		<38	U		<38	U		<31	U		<25	U		<25	U	
		VMP-5-40-041212	4/12/2012	1.7			<0.072	U		<0.056	U		<0.056	U		<0.056	U		<0.046	U		<0.038	U		<0.038	U	
		VMP-5-40-071212	7/12/2012	0.016	J		<0.077	U		<0.06	U		<0.06	U		<0.06	U		<0.05	U		<0.041	U		<0.041	U	
		VMP-5-40-101112	10/11/2012	0.003	J		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0021	J		<0.006	U		<0.006	U	
		VMP-5-40-012513	1/25/2013	0.018			<0.033	U		<0.026	U		<0.026	U		<0.026	U		<0.021	U		<0.017	U		<0.017	U	
		VMP-5-40-012513-Dup	1/25/2013	0.0059	J		<0.032	U		<0.025	U		<0.025	U		<0.025	U		<0.021	U		<0.017	U		<0.017	U	
		VMP-5-40-042913	4/29/2013	0.0045	J		<0.011	J	U	<0.0086	U		<0.0086	U		<0.0086	J	U	0.0026	J		<0.0058	U		<0.0058	U	
		VMP-5-40-080113	8/1/2013	<0.0053	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0033	J		<0.0062	U		<0.0062	U	
		VMP-5-40-110513	11/5/2013	0.0013	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U	
		VMP-5-40-021814	2/18/2014	0.032		J	<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U	
		VMP-5-40-021814-Dup	2/18/2014	0.015		J	<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-5-40-042814	4/28/2014	0.0025	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		<0.007	J	U	<0.0058	J	U	<0.0058	U	
		VMP-5-40-042814-Dup	4/28/2014	0.0022	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0067	J	U	<0.0055	J	U	<0.0055	J	U
		VMP-5-40-080814	8/8/2014	0.0012	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0035	J		<0.005	U		<0.005	U	
		VMP-5-40-080814-DUP	8/8/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0036	J		<0.0054	U		<0.0054	U	
		VMP-5-40-110514	11/5/2014	0.0013	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0042	J		<0.0056	U		<0.0056	U	
		VMP-5-40-013015	1/30/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-5-40-042915	4/29/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0021	J		<0.0057	U		<0.0057	U	
		VMP-5-40-072915	7/29/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0025	J		<0.0056	U		<0.0056	U	
		VMP-5-40-102915	10/29/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0036	J		<0.0051	U		<0.0051	U	
		VMP-5-40-012516	1/25/2016	0.0025	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-5-40-012516-DUP	1/25/2016	0.0031	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-5-40-042816	4/28/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0059	U		<0.0059	U	
		VMP-5-40-072816	7/28/2016	0.00098	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0035	J		<0.0053	U		<0.0053	U	
		VMP-5-40-102516	10/26/2016	0.0027	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	5 ft	VMP-6-5	11/6/2009	380		J	<3	U		<2.4	U		<2.4	U		<2.4	U		<2	U		<1.6	U		<1.6	U	
		VMP-6-5-090810	9/8/2010	76			<1.7	U		<1.3	U		<1.3	U		<1.3	U		<1.1	U		<0.89	U		<0.89	U	
		VMP-6-5-111610	11/16/2010	600			<11	U		<8.3	U		<8.3	U		<8.3	U		<6.8	U		<5.6	U		<5.6	U	
		VMP-6-5-020711	2/7/2011	0.013			<0.0091	U		<0.0072	J	U	<0.0072	J	U	<0.0072	J	U	0.0025	J		<0.0048	U		<0.0048	U	
		VMP-6-5-040811	4/8/2011	0.099			<0.02	U		<0.016	U		<0.016	J	U	<0.016	J	U	0.0029	J		<0.01	U		<0.01	U	
		VMP-6-5-080411	8/4/2011	5.1			<0.51	U		<0.4	U		<0.4	U		<0.4	U		<0.33	U		<0.27	U		<0.27	U	
		VMP-6-5-110911	11/9/2011	0.016			<0.0062	U		<0.0048	U		<0.0048	U		<0.0048	U		0.0019	J	J	<0.0032	U		<0.0032	U	
		VMP-6-5-013112	1/31/2012	0.42			<0.073	U		<0.057	U		0.0069	J		<0.057	U		<0.047	U		<0.038	U		<0.038	U	
		VMP-6-5-041212	4/12/2012	0.0041			<0.0077	U		<0.006	U		<0.006	J	U	<0.006	J	U	0.0024	J		<0.0041	U		<0.0041	U	
		VMP-6-5-071612	7/16/2012	0.0015	J		<0.0077	U		<0.006	U		<0.006	J	U	<0.006	J	U	0.0029	J		<0.0041	U		<0.0041	U	
		VMP-6-5-101012	10/10/2012	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-6-5-021213	2/12/2013	0.0019	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-6-5-022714	2/27/2014	0.0014	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0055	U		<0.0055	U	
		VMP-6-5-042914	4/29/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	J	U	<0.0053	J	U	<0.0053	J	U
		VMP-6-5-080814	8/8/2014	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U	
		VMP-6-5-110514	11/5/2014	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0033	J		<0.0052	U		<0.0052	U	
		VMP-6-5-020915	2/9/2015	0.005			<0.0092	U		<0.0072	J	U	<0.0072	J	U	<0.0072	U		0.0023	J		<0.0049	U		<0.0049	U	
		VMP-6-5-042915	4/29/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-6-5-072715	7/27/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0029	J		<0.0056	U		<0.0056	U	
		VMP-6-5-102915	10/29/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.004	J		<0.0051	U		<0.0051	U	
		VMP-6-5-020116	2/1/2016	0.015			<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0025	J		<0.0058	U		<0.0058	U	
		VMP-6-5-042516	4/25/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-6-5-072816	7/28/2016	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0023	J		<0.0062	U		<0.0062	U	
		VMP-6-5-102816	10/28/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
	10 ft	VMP-6-10	11/6/2009	470			<3.3	U		<2.6	U		<2.6	U		<2.6	U		<2.1	U		<1.7	U		<1.7	U	
		VMP-6-10-090810	9/8/2010	240		J	<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.2	U		<0.96	U		<0.96	U	
		VMP-6-10-111710	11/17/2010	0.0046			<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.002	J		<0.0052	U		<0.0052	U	
		VMP-6-10-020711	2/7/2011	0.0029	J		<0.0097	U		<0.0076	J	U	<0.0076	J	U	<0.0076	J	U	0.0021	J		<0.0051	U		<0.0051	U	
		VMP-6-10-040811	4/8/2011	<0.1	U		<0.23	U		<0.18	U		<0.18	U		<0.18	U		<0.15	U		<0.12	U		<0.12	U	
		VMP-6-10-080411	8/4/2011	220			<1.6	U		<1.3	U		<1.3	U		<1.3	U		<1	U		<0.87	U		<0.87	U	
		VMP-6-10-111011	11/10/2011	0.0013	J		<0.0064	U		<0.005	U		<0.005	U		<0.005	U		0.0014	J	J	<0.0034	U		<0.0034	U	
		VMP-6-10-013112	1/31/2012	52		J	<1.1	U		<0.9	U		<0.9	U		<0.9	U		<0.74	U		<0.6	U		<0.6	U	
		VMP-6-10-041212	4/12/2012	0.0037			<0.0075	U		<0.0059	U		<0.0059	J	U	<0.0059	J	U	0.0024	J		<0.0039	U		<0.0039	U	
		VMP-6-10-071612	7/16/2012	0.0035	J		<0.01	U		<0.0079	J	U	<0.0079	J	U	<0.0079	J	U	0.0025	J		<0.0053	U		<0.0053	U	
		VMP-6-10-101112	10/11/2012	0.0025	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0025	J		<0.0058	U		<0.0058	U	
		VMP-6-10-020513	2/5/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-6-10-051513	5/15/2013	0.021			<0.011	U		<0.0085	U		<0.0085	U		<0.0085	J	U	0.0025	J		<0.0057	U		<0.0057	U	
		VMP-6-10-080813	8/8/2013	<0.0048	U		0.0012	J		<0.0083	J	U	<0.0083	J	U	<0.0083	J	U	0.0023	J		<0.0056	UJ	UJ	<0.0056	U	
		VMP-6-10-110513	11/5/2013	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-6-10-022714	2/27/2014	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.002	J		<0.0047	U		<0.0047	U	
		VMP-6-10-042914	4/29/2014	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	J	U	<0.005	U		<0.005	J	U
		VMP-6-10-080814	8/8/2014	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.003	J		<0.0052	U		<0.0052	U	
		VMP-6-10-110514	11/5/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0033	J		<0.0051	U		<0.0051	U	
		VMP-6-10-020915	2/9/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-6-10-042915	4/29/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-6-10-072715	7/27/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0019	J		<0.0058	U		<0.0058	U	
		VMP-6-10-102915	10/29/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.004	J		<0.0051	U		<0.0051	U	
		VMP-6-10-020116	2/1/2016	0.015			<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0041	J		<0.0059	U		<0.0059	U	
		VMP-6-10-042516	4/25/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		<0.0071	U		<0.0058	U		<0.0058	U	
		VMP-6-10-072816	7/28/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.003	J		<0.0055	U		<0.0055	U	
		VMP-6-10-102816	10/28/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	31.5 ft	VMP-6-31.5	11/9/2009	970			<22	U		<17	U		<17	U		<17	U		<14	U		<11	U		<11	U	
		VMP-6-31.5-090810	9/8/2010	1000			<12	U		<9.7	U		<9.7	U		<9.7	U		<8	U		<6.5	U		<6.5	U	
		VMP-6-31.5-111710	11/17/2010	1500			<19	U		<15	U		<15	U		<15	U		<12	U		<10	U		<10	U	
		VMP-6-31.5-020711	2/7/2011	1200			<18	U		<14	U		<14	U		<14	U		<12	U		<9.8	U		<9.8	U	
		VMP-6-31.5-041111	4/11/2011	580			<14	U		<11	U		<11	U		1.1	J		<9.3	U		<7.6	U		<7.6	U	
		VMP-6-31.5-080411	8/4/2011	770			<11	U		<8.4	U		<8.4	U		<8.4	U		<6.9	U		<5.6	U		<5.6	U	
		VMP-6-31.5-111011	11/10/2011	530			<16	U		<13	U		<13	U		<13	U		<10	U		<8.7	U		10		
		VMP-6-31.5-013112	1/31/2012	550		J	<6.6	U		<5.1	U		<5.1	U		<5.1	U		<4.2	U		<3.5	U		<3.5	U	
		VMP-6-31.5-041212	4/12/2012	26			<0.88	U		<0.69	U		<0.69	U		<0.69	U		<0.57	U		<0.46	U		<0.46	U	
		VMP-6-31.5-071612	7/16/2012	0.037			<0.014	U		<0.011	U		<0.011	J	U	<0.011	J	U	0.0022	J		<0.0073	U		<0.0073	U	
		VMP-6-31.5-101112	10/11/2012	0.0018	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U	
		VMP-6-31.5-020513	2/5/2013	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U	
		VMP-6-31.5-042913	4/29/2013	0.0017	J		<0.012	U		<0.0091	U		<0.0091	J	U	<0.0091	J	U	0.0028	J		<0.0061	U		<0.0061	U	
		VMP-6-31.5-080813	8/8/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	J	U	0.0023	J		<0.006	UJ	UJ	<0.006	U	
		VMP-6-31.5-110513	11/5/2013	0.00076	J		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0018	J		<0.0048	U		<0.0048	U	
		VMP-6-31.5-022714	2/27/2014	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0025	J		<0.0052	U		0.0013	J	
		VMP-6-31.5-042914	4/29/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0075			<0.0053	U		<0.0053	U	
		VMP-6-31.5-080814	8/8/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0028	J		<0.0055	U		<0.0055	U	
		VMP-6-31.5-110514	11/5/2014	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0043	J		<0.005	U		<0.005	U	
		VMP-6-31.5-020915	2/9/2015	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0031	J		<0.0051	U		<0.0051	U	
		VMP-6-31.5-042915	4/29/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-6-31.5-042915-DUP	4/29/2015	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0022	J		<0.0062	U		<0.0062	U	
		VMP-6-31.5-072715	7/27/2015	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0022	J		<0.0058	U		<0.0058	U	
		VMP-6-31.5-112515	11/25/2015	<0.0081	U		<0.018	U		<0.014	U		<0.014	U		<0.014	U		0.0037	J		<0.0096	U		<0.0096	U	
		VMP-6-31.5-020116	2/1/2016	0.017			<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0033	J		<0.0054	U		<0.0054	U	
		VMP-6-31.5-042516	4/25/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.002	J		<0.006	U		<0.006	U	
		VMP-6-31.5-072816	7/28/2016	0.0021	J		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0023	J		<0.0063	U		<0.0063	U	
		VMP-6-31.5-102816	10/28/2016	0.0043	J		<0.016	U		<0.012	U		<0.012	U		<0.012	U		<0.01	U		<0.0085	U		<0.0085	U	
	39 ft	VMP-6-39	11/9/2009	1200			<24	U		<19	U		<19	U		<19	U		<16	U		<13	U		<13	U	
		VMP-6-39-041111	4/11/2011	620			<17	U		<13	U		<13	U		<13	U		<11	U		<9	U		<9	U	
		VMP-6-39-013112	1/31/2012	690		J	<6.6	U		<5.1	U		<5.1	U		<5.1	U		<4.2	U		<3.5	U		<3.5	U	
		VMP-6-39-041212	4/12/2012	64			<0.64	U		<0.5	U		<0.5	U		<0.5	U		<0.42	U		<0.34	U		<0.34	U	
		VMP-6-39-071612	7/16/2012	0.1			<0.03	U		<0.024	U		0.0079	J		<0.024	U		0.0025	J		<0.016	U		<0.016	U	
		VMP-6-39-071612-Dup	7/16/2012	0.11			<0.03	U		<0.024	U		<0.024	U		<0.024	U		0.003	J		<0.016	U		<0.016	U	
		VMP-6-39-101112	10/11/2012	0.0032	J		<0.021	U		<0.016	U		<0.016	U		<0.016	U		0.0028	J		<0.011	U		<0.011	U	
		VMP-6-39-020513	2/5/2013	0.01			<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U	
		VMP-6-39-050913	5/9/2013	<0.0094	U		<0.021	U		<0.016	U		<0.016	U		<0.016	U		<0.014	U		<0.011	U		<0.011	U	
		VMP-6-39-050913-Dup	5/9/2013	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0024	J		<0.0059	U		<0.0059	U	
		VMP-6-39-080813-Dup	8/8/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	J	U	<0.0085	J	U	0.0028	J		<0.0057	UJ	UJ	<0.0057	U	
		VMP-6-39-081513	8/15/2013	0.04			<0.011	U		<0.0089	U		<0.0089	U		<0.0089	J	U	0.0028	J		<0.006	U		<0.006	U	
		VMP-6-39-110513	11/5/2013	0.00057	J		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-6-39-022714	2/27/2014	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-6-39-042914	4/29/2014	<0.0044	U		<0.0098	U		<0.0077	U		0.001	J		<0.0077	U		0.0026	J		0.00092	J		0.00086	J	
		VMP-6-39-080814	8/8/2014	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-6-39-110514	11/5/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0033	J		<0.0053	U		<0.0053	U	
		VMP-6-39-020915	2/9/2015	0.001	J		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0034	J		<0.0047	U		<0.0047	U	
		VMP-6-39-020915-DUP	2/9/2015	<0.0039	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0034	J		<0.0046	U		<0.0046	U	
		VMP-6-39-042915	4/29/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0027	J		<0.0048	U		<0.0048	J	U
		VMP-6-39-072715	7/27/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0022	J		<0.0055	U		<0.0055	U	
		VMP-6-39-072715-DUP	7/27/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-6-39-102915	10/29/2015	<0.015	U		<0.033	U		<0.026	U		<0.026	U		<0.026	U		<0.021	U		<0.018	U		<0.018	U	
		VMP-6-39-102915-DUP	10/29/2015	<0.015	U		<0.034	U		<0.026	U		<0.026	U		<0.026	U		0.0081	J		<0.018	U		<0.018	U	
		VMP-6-39-020116	2/1/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-6-39-020116-DUP	2/1/2016	<0.0046	J	U	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-6-39-042516	4/25/2016	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0022	J		<0.0063	U		<0.0063	U	
		VMP-6-39-072816	7/28/2016	<0.0056	U		<0.012	U		<0.0098	U		<0.0098	U		<0.0098	U		0.0031	J		<0.0066	U		<0.0066	U	
		VMP-6-39-102816	10/28/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5	11/9/2009	0.041			<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.005	U		<0.004	U		<0.004	U	
		VMP-7-5-082610	8/26/2010	0.016			<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.003	J		<0.0053	U		<0.0053	U	
		VMP-7-5-111910	11/19/2010	0.0054			<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U	
		VMP-7-5-020711	2/7/2011	0.0018	J		<0.0099	U		<0.0078	J	U	<0.0078	U		<0.0078	J	U	0.0025	J		<0.0052	U		<0.0052	U	
		VMP-7-5-040711	4/7/2011	0.0081			<0.014	U		<0.011	U		<0.011	U		<0.011	U		0.0014	J		<0.0074	U		<0.0074	U	
		VMP-7-5-080211	8/2/2011	45			<1.4	U		<1.1	U		<1.1	U		<1.1	U		<0.89	U		<0.73	U		<0.73	U	
		VMP-7-5-111011	11/10/2011	<0.0029	U		<0.0066	U		<0.0051	U		<0.0051	U		<0.0051	U		0.0011	J		<0.0035	U		<0.0035	U	
		VMP-7-5-111011-DUP	11/10/2011	<0.0028	U		<0.0062	U		<0.0048	U		<0.0048	U		<0.0048	U		0.0014	J	J	<0.0032	U		<0.0032	U	
		VMP-7-5-013112	1/31/2012	<0.003	U		<0.0067	U		<0.0053	U		<0.0053	J	U	<0.0053	U		0.0022	J		<0.0035	U		<0.0035	U	
		VMP-7-5-041212	4/12/2012	<0.0033	J	U	<0.0073	U		<0.0057	U		<0.0057	U		<0.0057	J	U	0.0022	J		<0.0038	U		<0.0038	U	
		VMP-7-5-073112	7/31/2012	0.016			<0.019	U		<0.015	U		<0.015	U		<0.015	U		<0.012	U		<0.0099	U		<0.0099	U	
		VMP-7-5-101012	10/10/2012	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0026	J		<0.006	U		<0.006	U	
		VMP-7-5-060613	6/6/2013	0.0074			<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0025	J		<0.0058	U		<0.0058	U	
		VMP-7-5-073013	7/30/2013	0.0011	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.002	J		<0.0055	U		<0.0055	U	
		VMP-7-5-102213	10/22/2013	0.0043	J	J	<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0018	J		<0.0055	U		<0.0055	U	
		VMP-7-5-022414	2/24/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	J	U	<0.0048	U		<0.0048	U	
		VMP-7-5-043014	4/30/2014	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0019	J		<0.005	U		<0.005	U	
		VMP-7-5-080514	8/5/2014	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0021	J		<0.0057	U		<0.0057	U	
		VMP-7-5-102714	10/27/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0053	U		<0.0053	U	
		VMP-7-5-020215	2/2/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		<0.0075	U		<0.0061	U		<0.0061	U	
		VMP-7-5-043015	4/30/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0023	J		<0.0062	U		<0.0062	U	
		VMP-7-5-072715	7/27/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0019	J		<0.0053	U		<0.0053	U	
		VMP-7-5-102815	10/28/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.003	J		<0.0048	U		<0.0048	U	
		VMP-7-5-012716	1/27/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0017	J		<0.0053	U		<0.0053	U	
		VMP-7-5-042916	4/29/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.002	J		<0.0057	U		<0.0057	U	
		VMP-7-5-072616	7/26/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.003	J		<0.0059	U		<0.0059	U	
		VMP-7-5-102516	10/25/2016	0.0033	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U	
	13.5 ft	VMP-7-13.5	11/9/2009	0.087			<0.069	U		<0.054	U		<0.054	U		<0.054	U		<0.044	U		<0.036	U		<0.036	U	
		VMP-7-13.5-082610	8/26/2010	<0.099	U		<0.22	U		<0.17	U		<0.17	U		<0.17	U		<0.14	U		<0.12	U		<0.12	U	
		VMP-7-13.5-111910	11/19/2010	26		J	<1.5	U		<1.2	U		<1.2	U		<1.2	U		<1	U		<0.82	U		<0.82	U	
		VMP-7-13.5-020711	2/7/2011	0.0013	J		<0.0095	J	U	<0.0074	J	U	<0.0074	U		<0.0074	J	U	0.0019	J		<0.005	U		<0.005	U	
		VMP-7-13.5-040711	4/7/2011	0.0091			<0.016	U		<0.013	U		<0.013	U		<0.013	U		<0.011	U		<0.0087	U		<0.0087	U	
		VMP-7-13.5-080311	8/3/2011	9.4			<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.2	U		<0.98	U		<0.98	U	
		VMP-7-13.5-111011	11/10/2011	0.013			<0.0061	U		<0.0047	U		<0.0048	U		<0.0048	U		0.0013	J	J	<0.0032	U		<0.0032	U	
		VMP-7-13.5-013112	1/31/2012	1.7		J	<0.086	U		<0.067	U		<0.067	U		<0.067	U		<0.055	U		<0.045	U		<0.045	U	
		VMP-7-13.5-013112-DUP	1/31/2012	1.6		J	<0.088	U		<0.069	U		<0.069	U		<0.069	U		<0.057	U		<0.046	U		<0.046	U	
		VMP-7-13.5-041212	4/12/2012	0.013			<0.007	U		<0.0055	U		<0.0055	U		<0.0055	J	U	0.0024	J		<0.0037	U		<0.0037	U	
		VMP-7-13.5-041212-DUP	4/12/2012	0.0064			<0.0074	U		<0.0058	U		<0.0058	U		<0.0058	J	U	0.0023	J		<0.0039	U		<0.0039	U	
		VMP-7-13.5-072012	7/20/2012	<0.0032	U		<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	U		0.0026	J		<0.0038	U		<0.0038	U	
		VMP-7-13.5-101012	10/10/2012	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-7-13.5-021313	2/13/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-7-13.5-060513	6/5/2013	<0.0054	U		<0.012	U		<0.0094	U		<0.0094	U		<0.0094	U		0.0025	J		<0.0063	U		<0.0063	U	
		VMP-7-13.5-073013	7/30/2013	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0018	J		<0.0055	U		<0.0055	U	
		VMP-7-13.5-110113	11/1/2013	<0.0048	U		<0.011	U		0.00036	J		0.00031	J		<0.0084	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-7-13.5-022414	2/24/2014	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.0058	J	U	<0.0047	U		<0.0047	U	
		VMP-7-13.5-043014	4/30/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-7-13.5-080514	8/5/2014	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		0.0025	J		<0.0064	U		<0.0064	U	
		VMP-7-13.5-102714	10/27/2014	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0044	J		<0.0058	U		<0.0058	U	
		VMP-7-13.5-020215	2/2/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U	
		VMP-7-13.5-043015	4/30/2015	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0024	J		<0.0064	U		<0.0064	U	
		VMP-7-13.5-072715	7/27/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-7-13.5-102815	10/28/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0027	J		<0.0056	U		<0.0056	U	
		VMP-7-13.5-012716	1/27/2016	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.002	J		<0.0048	U		<0.0048	U	
		VMP-7-13.5-042916	4/29/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U	
		VMP-7-13.5-072616	7/26/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.003	J		<0.0052	U		<0.0052	U	
		VMP-7-13.5-102516	10/25/2016	0.0044			<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5	11/9/2009	610		J	<1.5	U		<1.1	U		<1.1	U		<1.1	U		<0.94	U		<0.77	U		<0.77	U	
		VMP - 7 - 29.5 - 083110	8/31/2010	540		J	<3.2	U		<2.5	U		<2.5	U		<2.5	U		<2	U		<1.7	U		<1.7	U	
		VMP-7-29.5-111910	11/19/2010	410		J	<4.8	U		<3.7	U		<3.7	U		<3.7	U		<3.1	U		<2.5	U		<2.5	U	
		VMP-7-29.5-020711	2/7/2011	440			<5	U		<3.9	U		<3.9	U		<3.9	U		<3.2	U		<2.6	U		<2.6	U	
		VMP-7-29.5-040711	4/7/2011	280		J	<1.2	U		<0.94	U		<0.94	U		<0.94	U		<0.77	U		<0.63	U		<0.63	U	
		VMP-7-29.5-080311	8/3/2011	470			<2.8	U		<2.2	U		<2.2	U		<2.2	U		<1.8	U		<1.5	U		<1.5	U	
		VMP-7-29.5-111111	11/11/2011	190			<5.6	U		<4.4	U		<4.4	U		<4.4	U		<3.6	U		0.71	J		5.3		
		VMP-7-29.5-020112	2/1/2012	220		J	<1.1	U		<0.88	U		<0.88	U		<0.88	U		<0.72	U		<0.59	U		<0.59	U	
		VMP-7-29.5-041312	4/13/2012	0.085			<0.007	U		<0.0055	U		<0.0055	U		<0.0055	J	U	0.0025	J		<0.0037	U		<0.0037	U	
		VMP-7-29.5-072012	7/20/2012	0.003	J		<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	U		0.0024	J		<0.0038	U		<0.0038	U	
		VMP-7-29.5-072012-Dup	7/20/2012	0.003	J		<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	U		0.0027	J		<0.0038	U		<0.0038	U	
		VMP-7-29.5-101012	10/10/2012	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	J	U	0.0023	J		<0.0058	U		<0.0058	U	
		VMP-7-29.5-060613	6/6/2013	0.0017	J		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0024	J		<0.0061	U		<0.0061	U	
		VMP-7-29.5-073013	7/30/2013	<0.0047	U		0.0008	J		<0.0082	U		<0.0082	U		<0.0082	U		0.002	J		<0.0055	U		<0.0055	U	
		VMP-7-29.5-102213	10/22/2013	0.0045	J	J	<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0018	J		<0.0054	U		<0.0054	U	
		VMP-7-29.5-022414	2/24/2014	<0.004	U		<0.0089	U		<0.0069	U		<0.0069	U		<0.0069	U		<0.0057	J	U	<0.0047	U		<0.0047	U	
		VMP-7-29.5-043014	4/30/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-7-29.5-080514	8/5/2014	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0029	J		<0.006	U		<0.0059	U	
		VMP-7-29.5-102714	10/27/2014	0.0015	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0032	J		<0.0055	U		<0.0055	U	
		VMP-7-29.5-020215	2/2/2015	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0025	J		<0.0044	U		<0.0044	U	
		VMP-7-29.5-043015	4/30/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0021	J		<0.0055	U		<0.0055	U	
		VMP-7-29.5-072715	7/27/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0021	J		<0.0055	U		<0.0055	U	
		VMP-7-29.5-102815	10/28/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0032	J		<0.006	U		<0.006	U	
		VMP-7-29.5-012716	1/27/2016	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0016	J		<0.0052	U		<0.0052	U	
		VMP-7-29.5-042916	4/29/2016	<0.0086	U		<0.019	U		<0.015	U		<0.015	U		<0.015	U		0.0027	J		<0.01	U		<0.01	U	
		VMP-7-29.5-072616	7/26/2016	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0052	U		<0.0052	U	
		VMP-7-29.5-102516	10/25/2016	0.0046			<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0029	J		<0.0049	U		<0.0049	U	
	38 ft	VMP-7-38	11/9/2009	220		J	<0.51	U		<0.4	U		<0.4	U		<0.4	U		<0.33	U		<0.27	U		<0.27	U	
		VMP-7-38-020711	2/7/2011	390			<6.6	U		<5.2	U		<5.2	U		<5.2	U		<4.3	U		<3.5	U		<3.5	U	
		VMP-7-38-040711	4/7/2011	350		J	<1.7	U		<1.3	U		<1.3	U		<1.3	U		<1.1	U		<0.89	U		<0.89	U	
		VMP-7-38-020112	2/1/2012	260		J	<1.6	U		<1.3	U		<1.3	U		<1.3	U		<1	U		<0.85	U		<0.85	U	
		VMP-7-38-042512	4/25/2012	0.012			<0.007	U		<0.0055	U		<0.0055	J	U	<0.0055	J	U	0.0025	J		<0.0037	U		<0.0037	U	
		VMP-7-38-042512-Dup	4/25/2012	0.012			<0.007	U		<0.0055	U		<0.0055	J	U	<0.0055	J	U	0.0026	J		<0.0037	U		<0.0037	U	
		VMP-7-38-101112	10/11/2012	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0027	J		<0.0054	U		<0.0054	U	
		VMP-7-38-060613	6/6/2013	0.0017	J		<0.012	U		<0.0097	U		<0.0097	U		<0.0097	U		0.0025	J		<0.0065	U		<0.0065	U	
		VMP-7-38-073013	7/30/2013	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-7-38-110113	11/1/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-7-38-022414	2/24/2014	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		<0.0052	J	U	<0.0043	U		<0.0043	U	
		VMP-7-38-043014	4/30/2014	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0.0051	U	
		VMP-7-38-043014-DUP	4/30/2014	<0.0047	U		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-7-38-080514	8/5/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0033	J		<0.005	U		<0.005	U	
		VMP-7-38-080514-DUP	8/5/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-7-38-102714	10/27/2014	0.0014	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-7-38-020215	2/2/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U	
		VMP-7-38-043015	4/30/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		0.0016	J		0.0025	J		<0.0057	U		<0.0057	U	
		VMP-7-38-072715	7/27/2015	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0055	U		<0.0055	U	
		VMP-7-38-102815	10/28/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.003	J		<0.0056	U		<0.0056	U	
		VMP-7-38-102815-DUP	10/28/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0027	J		<0.0048	U		<0.0048	U	
		VMP-7-38-012716	1/27/2016	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U	
		VMP-7-38-012716-DUP	1/27/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0017	J		<0.006	U		<0.006	U	
		VMP-7-38-042916	4/29/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U	
		VMP-7-38-042916-DUP	4/29/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U	
		VMP-7-38-072616	7/26/2016	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		<0.0078	U		<0.0064	U		<0.0064	U	
		VMP-7-38-072616-DUP	7/26/2016	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		<0.0075	U		<0.0061	U		<0.0061	U	
		VMP-7-38-102516	10/25/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0021	J		<0.0049	U		<0.0049	U	
		VMP-7-38-102516-Dup	10/25/2016	<0.0089	U		<0.02	U		<0.016	U		<0.016	U		<0.016	U		0.0018	J		<0.01	U		<0.01	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5	11/10/2009	0.0083			<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.005	U		<0.004	U		<0.004	U	
		VMP - 8 - 5 - 083010	8/30/2010	<0.0046	U		0.0015	J		0.0034	J		0.0038	J		0.0046	J		0.0026	J		0.00069	J		0.00092	J	
		VMP-8-5-111810	11/17/2010	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0027	J		<0.0047	U		<0.0047	U	
		VMP-8-5-021011	2/10/2011	0.0012	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-8-5-040711	4/7/2011	0.0014	J		<0.011	U		<0.0083	J	U	<0.0083	U		<0.0083	J	U	0.0026	J		<0.0056	U		<0.0056	U	
		VMP-8-5-072711	7/27/2011	0.0014	J		<0.011	U		<0.0089	U		<0.0089	U		0.0013	J		0.0023	J		<0.006	U		<0.006	U	
		VMP-8-5-110311	11/3/2011	<0.0029	U		<0.0066	U		<0.0051	U		<0.0051	U		<0.0051	U		0.0024	J		<0.0035	U		<0.0035	U	
		VMP-8-5-012312	1/23/2012	<0.0036	U		<0.0081	U		<0.0064	U		<0.0064	J	U	<0.0064	U		0.0039	J		<0.0043	U		<0.0043	U	
		VMP-8-5-041012	4/10/2012	0.0044			<0.0073	U		<0.0057	U		<0.0057	U		0.0012	J		0.0021	J		<0.0039	U		<0.0039	U	
		VMP-8-5-071312	7/13/2012	<0.0028	U		<0.0062	U		<0.0048	U		<0.0048	U		<0.0048	U		0.0017	J		<0.0032	U		<0.0032	U	
		VMP-8-5-073112	7/31/2012	0.0028	J		<0.0079	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0026	J		<0.0042	U		<0.0042	U	
		VMP-8-5-100412	10/4/2012	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	J	U	<0.0083	J	U	0.002	J		<0.0056	U		<0.0056	U	
		VMP-8-5-100412-Dup	10/4/2012	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	J	U	0.002	J		<0.0053	U		<0.0053	U	
		VMP-8-5-012413	1/24/2013	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	J	U	0.0025	J		<0.0054	U		<0.0054	U	
		VMP-8-5-042513	4/25/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	J	U	0.0024	J		<0.0059	U		<0.0059	U	
		VMP-8-5-073013	7/30/2013	0.0017	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-8-5-102213	10/22/2013	0.0019	J	J	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-8-5-021014	2/10/2014	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-8-5-042514	4/25/2014	0.001	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0035	J		0.00085	J		<0.0056	J	U
		VMP-8-5-073014	7/30/2014	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0016	J		<0.0058	U		<0.0058	U	
		VMP-8-5-103114	10/31/2014	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U	
		VMP-8-5-020915	2/9/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0031	J		<0.0054	U		<0.0054	U	
		VMP-8-5-042715	4/27/2015	<0.004	U		<0.0089	U		<0.0069	U		<0.0069	J	U	<0.0069	J	U	0.0032	J		<0.0047	U		<0.0047	U	
		VMP-8-5-072815	7/28/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0.0051	U	
		VMP-8-5-102715	10/27/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	J	U	<0.0079	U		0.003	J		<0.0053	U		<0.0053	U	
		VMP-8-5-012716	1/27/2016	0.0017	J		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0029	J		<0.0047	U		<0.0047	U	
		VMP-8-5-042916	4/29/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-8-5-072916	7/29/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-8-5-102516	10/25/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
	9.5 ft	VMP-8-9.5	11/10/2009	<0.003	U		<0.008	U		<0.006	U		<0.006	U		<0.006	U		<0.005	U		<0.004	U		<0.004	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	<0.0042	U		<0.0093	U		<0.0073	U		0.0025	J		0.0029	J		0.0024	J		0.00048	J		<0.0049	U	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	<0.0042	U		<0.0095	U		<0.0074	U		0.0021	J		0.0026	J		0.0024	J		0.00041	J		0.0007	J	
		VMP-8-9.5-111810	11/17/2010	0.0011	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-8-9.5-021011	2/10/2011	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U	
		VMP-8-9.5-040711	4/7/2011	0.00079	J		<0.011	U		<0.0083	U		<0.0083	U		0.00092	J		0.0016	J		<0.0056	U		<0.0056	U	
		VMP-8-9.5-072711	7/27/2011	0.0014	J		<0.0082	U		<0.0064	U		<0.0064	U		0.0011	J		0.0019	J		<0.0043	U		<0.0043	U	
		VMP-8-9.5-110311	11/3/2011	<0.0029	U		<0.0064	U		<0.005	U		<0.005	U		<0.005	U		0.0019	J		<0.0034	U		<0.0034	U	
		VMP-8-9.5-012312	1/23/2012	0.0026	J		<0.0078	U		<0.0061	U		<0.0061	U		<0.0061	U		0.004	J		<0.0041	U		<0.0041	U	
		VMP-8-9.5-041012	4/10/2012	0.0056			<0.0073	U		<0.0057	U		0.002	J		0.0012	J		0.0024	J		<0.0039	U		<0.0039	U	
		VMP-8-9.5-071312	7/13/2012	<0.0032	U		<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	U		0.0024	J		<0.0038	U		<0.0038	U	
		VMP-8-9.5-071312-Dup	7/13/2012	<0.0031	U		<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	U		0.0021	J		<0.0036	U		<0.0036	U	
		VMP-8-9.5-100412	10/4/2012	0.0039	J		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	J	U	0.0022	J		<0.0061	U		<0.0061	U	
		VMP-8-9.5-012413	1/24/2013	0.0015	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	J	U	0.0027	J		<0.0051	U		<0.0051	U	
		VMP-8-9.5-012413-Dup	1/24/2013	0.0012	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0029	J		<0.0054	U		<0.0054	U	
		VMP-8-9.5-042513	4/25/2013	<0.0046	U		<0.01	U		<0.008	U		<0.008	J	U	<0.008	J	U	0.0026	J		<0.0054	U		<0.0054	U	
		VMP-8-9.5-073013	7/30/2013	0.0018	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.002	J		<0.0055	U		<0.0055	U	
		VMP-8-9.5-102213	10/22/2013	0.0011	J	J	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0021	J		<0.0054	U		<0.0054	U	
		VMP-8-9.5-021014	2/10/2014	0.12		J	<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0.0048	U	
		VMP-8-9.5-021014-Dup	2/10/2014	0.061		J	<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0023	J		<0.0054	U		<0.0054	U	
		VMP-8-9.5-042514	4/25/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0067	U		<0.0055	U		<0.0055	U	
		VMP-8-9.5-073014	7/30/2014	0.0015	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U	
		VMP-8-9.5-103114	10/31/2014	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-8-9.5-020915	2/9/2015	0.0037	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
		VMP-8-9.5-042715	4/27/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	J	U	<0.0072	J	U	0.0022	J		<0.0048	U		<0.0048	U	
		VMP-8-9.5-072815	7/28/2015	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	J	U	0.0024	J		<0.0062	U		<0.0062	U	
		VMP-8-9.5-102715	10/27/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0027	J		<0.006	U		<0.006	U	
		VMP-8-9.5-012716	1/27/2016	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0025	J		<0.0048	U		<0.0048	U	
		VMP-8-9.5-042916	4/29/2016	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.002	J		<0.0045	U		<0.0045	U	
		VMP-8-9.5-072916	7/29/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0033	J		<0.0056	U		<0.0056	U	
		VMP-8-9.5-102516	10/25/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	23.5 ft	VMP-8-23.5	11/10/2009	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.005	U		<0.004	U		<0.004	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	0.002	J		<0.01	U		<0.0079	U		0.0021	J		0.0026	J		0.0028	J		<0.0053	U		0.00085	J	
		VMP-8-23.5-111910	11/19/2010	0.0018	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U	
		VMP-8-23.5-021011	2/10/2011	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-8-23.5-040711	4/7/2011	0.001	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U	
		VMP-8-23.5-040711-DUP	4/7/2011	0.0027	J		<0.015	U		<0.012	U		0.0016	J		0.0017	J		0.0017	J		<0.0081	U		0.0014	J	
		VMP-8-23.5-081011	8/10/2011	0.012			<0.01	U		<0.0079	J	U	<0.0079	J	U	<0.0079	J	U	0.0027	J		<0.0053	U		<0.0053	U	
		VMP-8-23.5-110611	11/6/2011	<0.0033	U		<0.0073	U		<0.0057	U		<0.0057	U		<0.0057	U		0.003	J		<0.0039	U		<0.0039	U	
		VMP-8-23.5-012312	1/23/2012	0.0017	J		<0.0081	U		<0.0064	U		<0.0064	J	U	<0.0064	U		0.0033	J		<0.0043	U		<0.0043	U	
		VMP-8-23.5-041012	4/10/2012	0.0048			<0.0072	U		<0.0056	U		0.0012	J		0.001	J		0.0019	J		<0.0038	U		<0.0038	U	
		VMP-8-23.5-071312	7/13/2012	<0.0035	U		<0.0079	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0026	J		<0.0042	U		<0.0042	U	
		VMP-8-23.5-100412	10/4/2012	0.0042	J		<0.011	U		<0.0087	U		0.0017	J		0.00075	J		0.0026	J		<0.0058	U		<0.0058	U	
		VMP-8-23.5-012413	1/24/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0032	J		<0.0058	U		<0.0058	U	
		VMP-8-23.5-050113	5/1/2013	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0027	J		<0.0061	U		<0.0061	U	
		VMP-8-23.5-073013	7/30/2013	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-8-23.5-073013-Dup	7/30/2013	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-8-23.5-102213	10/22/2013	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0022	J		<0.0055	U		<0.0055	U	
		VMP-8-23.5-021014	2/10/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0029	J		<0.0053	U		<0.0053	U	
		VMP-8-23.5-042514	4/25/2014	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U	
		VMP-8-23.5-073014	7/30/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-8-23.5-103114	10/31/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U	
		VMP-8-23.5-020915	2/9/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0036	J		<0.0049	U		<0.0049	U	
		VMP-8-23.5-050515-R	5/5/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0032	J		<0.0053	U		<0.0053	U	
		VMP-8-23.5-072815	7/28/2015	0.0013	J		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U	
		VMP-8-23.5-102715	10/27/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-8-23.5-012716	1/27/2016	0.0012	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0029	J		<0.0055	U		<0.0055	U	
		VMP-8-23.5-042916	4/29/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-8-23.5-072916	7/29/2016	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.003	J		<0.0045	U		<0.0045	U	
		VMP-8-23.5-072916-DUP	7/29/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-8-23.5-102516	10/25/2016	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.002	J		<0.0052	U		<0.0052	U	
	35.5 ft	VMP-8-35.5-042514	4/25/2014	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0067	U		<0.0055	U		<0.0055	U	
		VMP-8-35.5-073014	7/30/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0018	J		<0.0054	U		<0.0054	U	
		VMP-8-35.5-103114	10/31/2014	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0.0047	U	
		VMP-8-35.5-103114-DUP	10/31/2014	<0.004	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0028	J		<0.0046	U		<0.0046	U	
		VMP-8-35.5-020915	2/9/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-8-35.5-042715	4/27/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0035	J		<0.0051	U		<0.0051	U	
		VMP-8-35.5-072815	7/28/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.002	J		<0.0058	U		<0.0058	U	
		VMP-8-35.5-072815-DUP	7/28/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-8-35.5-012816	1/28/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0024	J		<0.006	U		<0.006	U	
		VMP-8-35.5-012816-DUP	1/28/2016	0.00083	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-8-35.5-042916	4/29/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-8-35.5-080316	8/3/2016	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0033	J		<0.0051	U		<0.0051	U	
		VMP-8-35.5-102516	10/25/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-8-35.5-102516-Dup	10/25/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5	11/11/2009	<0.003	U		<0.008	U		<0.006	U		<0.006	U		<0.006	U		<0.005	U		<0.004	U		<0.004	U	
		VMP-9-5-082610	8/26/2010	0.011			<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.003	J		<0.0046	U		<0.0046	U	
		VMP-9-5-111910	11/19/2010	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	U		<0.0048	U		<0.0048	U	
		VMP-9-5-020811	2/8/2011	0.00097	J		<0.0084	U		<0.0066	J	U	<0.0066	U		<0.0066	J	U	0.0028	J		<0.0044	U		<0.0044	U	
		VMP-9-5-040611	4/6/2011	<0.01	U		<0.023	U		<0.018	J	U	<0.018	J	U	<0.018	J	U	0.0025	J		<0.012	U		<0.012	U	
		VMP-9-5-080211	8/2/2011	0.14	J		<0.45	U		<0.35	U		<0.35	U		<0.35	U		<0.29	U		<0.24	U		<0.24	U	
		VMP-9-5-110411	11/4/2011	<0.003	U		<0.0067	J	U	<0.0053	J	U	<0.0053	J	U	<0.0053	J	U	0.0021	J		<0.0035	U		<0.0035	U	
		VMP-9-5-012612	1/26/2012	0.01			<0.0057	U		<0.0045	U		<0.0045	J	U	<0.0045	J	U	0.0038			<0.003	U		<0.003	J	U
		VMP-9-5-041112	4/11/2012	0.0084			<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	U		0.002	J		<0.0036	U		<0.0036	U	
		VMP-9-5-071312	7/13/2012	<0.0033	U		<0.0073	U		<0.0057	U		<0.0057	U		<0.0057	U		0.0021	J		<0.0039	U		<0.0039	U	
		VMP-9-5-101012	10/10/2012	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0025	J		<0.0058	U		<0.0058	U	
		VMP-9-5-012513	1/25/2013	<0.0048	U	UJ	<0.011	U	UJ	<0.0085	U	UJ	<0.0085	U	UJ	<0.0085	U	UJ	0.0028	J	J	<0.0057	U	UJ	<0.0057	U	UJ
		VMP-9-5-021513	2/15/2013	0.003	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	J	U	0.0023	J		<0.0056	U		<0.0056	U	
		VMP-9-5-050113	5/1/2013	<0.005	U		<0.011	J	U	<0.0088	U		<0.0088	J	U	<0.0088	J	U	0.0021	J		<0.006	U		<0.0059	U	
		VMP-9-5-073013	7/30/2013	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0018	J		<0.0059	U		<0.0059	U	
		VMP-9-5-102213	10/22/2013	0.0027	J	J	<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.002	J		<0.0055	U		<0.0055	U	
		VMP-9-5-122013-R	12/20/2013	<0.0045	U		<0.01	U		<0.0079	J	U	<0.0079	J	U	<0.0079	J	U	0.0031	J		<0.0053	U		<0.0053	J	U
		VMP-9-5-021114	2/11/2014	<0.0036	U		<0.0081	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0019	J		<0.0043	U		<0.0043	U	
		VMP-9-5-043014	4/30/2014	0.0028	J		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0033	J		<0.0048	U		<0.0048	U	
		VMP-9-5-081114	8/11/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U	
		VMP-9-5-110614	11/6/2014	0.0089			<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0021	J		<0.0051	U		<0.0051	U	
		VMP-9-5-021115	2/11/2015	0.001	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0018	J		<0.0055	U		<0.0055	U	
		VMP-9-5-050415	5/4/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-9-5-072815	7/28/2015	0.0035	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-9-5-102815	10/28/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0036	J		<0.0052	U		<0.0052	J	U
		VMP-9-5-012816	1/28/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0018	J		<0.0051	U		<0.0051	U	
		VMP-9-5-042816	4/28/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-9-5-080116	8/1/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-9-5-102516	10/25/2016	0.0011	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0053	U		<0.0053	U	
		VMP-9-5-120916	12/9/2016	0.00078	J		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U	
	11.5 ft	VMP-9-11.5	11/11/2009	<0.004	U		<0.011	U		<0.008	U		<0.008	U		<0.008	U		<0.006	U		<0.005	U		<0.005	U	
		VMP-9-11.5-082610	8/26/2010	1.2			<0.2	U		<0.15	U		<0.15	U		<0.15	U		<0.13	U		<0.1	U		<0.1	U	
		VMP-9-11.5-111910	11/19/2010	<0.26	U		<0.57	U		<0.45	U		<0.45	U		<0.45	U		<0.37	U		<0.3	U		<0.3	U	
		VMP-9-11.5-020911	2/9/2011	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-9-11.5-020911-DUP	2/9/2011	0.0021	J		<0.008	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0013	J		<0.0042	U		<0.0042	U	
		VMP-9-11.5-040611	4/6/2011	0.0033	J		<0.03	U		<0.024	J	U	<0.024	U		<0.024	J	U	<0.02	U		<0.016	U		<0.016	U	
		VMP-9-11.5-080211	8/2/2011	2.5			<0.68	U		<0.53	U		<0.53	U		<0.53	U		<0.44	U		<0.36	U		<0.36	U	
		VMP-9-11.5-110411	11/4/2011	0.0018	J		<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	J	U	0.0025	J		<0.0035	U		<0.0035	U	
		VMP-9-11.5-012612	1/26/2012	0.00079	J		<0.006	J	U	<0.0046	J	U	<0.0046	J	U	<0.0046	J	U	0.0033	J		<0.0031	U		<0.0031	J	U
		VMP-9-11.5-041112	4/11/2012	0.0072			<0.007	U		<0.0055	U		<0.0055	U		<0.0055	U		0.0021	J		<0.0037	U		<0.0037	U	
		VMP-9-11.5-071312	7/13/2012	0.00079	J		<0.0079	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0021	J		<0.0042	U		<0.0042	U	
		VMP-9-11.5-101012	10/10/2012	0.0021	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U	
		VMP-9-11.5-012513	1/25/2013	0.0077			<0.009	U		<0.007	U		<0.007	J	U	<0.007	J	U	0.0025	J		<0.0047	U		<0.0047	U	
		VMP-9-11.5-012513-DUP	1/25/2013	0.01			<0.0097	U		<0.0076	U		<0.0076	J	U	<0.0076	J	U	0.003	J		<0.0051	U		<0.0051	U	
		VMP-9-11.5-050113	5/1/2013	<0.0052	U		<0.012	U		<0.009	U		<0.009	J	U	<0.009	J	U	0.0022	J		<0.0061	U		<0.0061	U	
		VMP-9-11.5-073013	7/30/2013	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0016	J		<0.0061	U		<0.0061	U	
		VMP-9-11.5-102213	10/22/2013	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-9-11.5-122013-R	12/20/2013	0.0021	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	J	U
		VMP-9-11.5-021114	2/11/2014	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.002	J		<0.0046	U		<0.0046	U	
		VMP-9-11.5-043014	4/30/2014	0.0011	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0024	J		<0.005	U		0.00088	J	
		VMP-9-11.5-081114	8/11/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-9-11.5-110614	11/6/2014	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0019	J		<0.0061	U		<0.0061	U	
		VMP-9-11.5-021115	2/11/2015	0.0027	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0021	J		<0.0055	U		<0.0055	U	
		VMP-9-11.5-050415	5/4/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-9-11.5-072815	7/28/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-9-11.5-102815	10/28/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U	
		VMP-9-11.5-012816	1/28/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0018	J		<0.0058	U		<0.0058	U	
		VMP-9-11.5-042816	4/28/2016	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U	
		VMP-9-11.5-080116	8/1/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0026	J		<0.006	U		<0.006	U	
		VMP-9-11.5-080116-DUP	8/1/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.003	J		<0.006	U		<0.006	U	
		VMP-9-11.5-102516	10/25/2016	0.0011	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-9-11.5-120916	12/9/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0053	U		<0.0053	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	25.5 ft	VMP-9-25.5	11/10/2009	54		J	<2.1	U		<1.6	U		<1.6	U		<1.6	U		<1.4	U		<1.1	U		<1.1	U	
		VMP-9-25.5-D	11/10/2009	52		J	<1.9	U		<1.5	U		<1.5	U		<1.5	U		<1.2	U		<1	U		<1	U	
		VMP-9-25.5-082610	8/26/2010	31			<1.5	U		<1.2	U		<1.2	U		<1.2	U		<1	U		<0.82	U		<0.82	U	
		VMP-9-25.5-082610-DUP	8/26/2010	32			<1.6	U		<1.3	U		<1.3	U		<1.3	U		<1.1	U		<0.87	U		<0.87	U	
		VMP-9-25.5-111910	11/19/2010	20			<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.1	U		<0.93	U		<0.93	U	
		VMP-9-25.5-020911	2/9/2011	3			<0.97	U		<0.76	U		<0.76	U		<0.76	U		<0.62	U		<0.51	U		<0.51	U	
		VMP-9-25.5-040811	4/8/2011	0.88			<0.49	U		<0.38	U		<0.38	U		<0.38	U		<0.32	U		<0.26	U		<0.26	U	
		VMP-9-25.5-080211	8/2/2011	32		J	<1.1	U		<0.85	U		<0.85	U		<0.85	U		<0.7	U		<0.57	U		<0.57	U	
		VMP-9-25.5-110711	11/7/2011	1.8			<0.96	U		<0.75	U		0.079	J		<0.75	U		<0.62	U		<0.5	U		<0.5	U	
		VMP-9-25.5-110711-DUP	11/7/2011	1.7			<0.83	U		<0.65	U		0.069	J		<0.65	U		<0.53	U		<0.44	U		<0.44	U	
		VMP-9-25.5-012612	1/26/2012	4.3		J	<0.25	U		<0.19	U		<0.19	U		<0.19	U		<0.16	U		<0.13	U		<0.13	U	
		VMP-9-25.5-041112	4/11/2012	0.0055			<0.007	U		<0.0055	U		0.00089	J		<0.0055	U		0.002	J		<0.0037	U		<0.0037	U	
		VMP-9-25.5-071312	7/13/2012	<0.0034	J	U	<0.0076	U		<0.0059	J	U	<0.0059	J	U	<0.0059	J	U	0.0029	J		<0.004	U		<0.004	J	U
		VMP-9-25.5-071312-Dup	7/13/2012	<0.0033	J	U	<0.0073	U		<0.0057	J	U	<0.0057	J	U	<0.0057	J	U	0.0027	J		<0.0039	U		<0.0039	U	
		VMP-9-25.5-101012	10/10/2012	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0027	J		<0.0053	U		<0.0053	U	
		VMP-9-25.5-013013	1/30/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U	
		VMP-9-25.5-050113	5/1/2013	0.0038	J		<0.012	U		<0.0091	U		<0.0091	J	U	<0.0091	J	U	0.0018	J		<0.0061	U		<0.0061	U	
		VMP-9-25.5-050113-Dup	5/1/2013	0.0019	J		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0022	J		<0.0063	U		<0.0063	U	
		VMP-9-25.5-073013	7/30/2013	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0018	J		<0.0059	U		<0.0059	U	
		VMP-9-25.5-102213	10/22/2013	0.00051	J	J	<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-9-25.5-102213-Dup	10/22/2013	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-9-25.5-021114	2/11/2014	<0.0038	U		<0.0085	U		<0.0067	U		<0.0067	U		<0.0067	U		0.002	J		<0.0045	U		<0.0045	U	
		VMP-9-25.5-043014	4/30/2014	0.00072	J		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.004	J		0.001	J		0.0013	J	
		VMP-9-25.5-081114	8/11/2014	<0.0054	U		<0.012	U		<0.0094	U		<0.0094	U		<0.0094	U		0.0026	J		<0.0063	U		<0.0063	U	
		VMP-9-25.5-021115	2/11/2015	0.0017	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-9-25.5-050415	5/4/2015	0.01		J	<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J	J	<0.0053	U		<0.0053	U	
		VMP-9-25.5-052915-R	5/29/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-9-25.5-072815	7/28/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-9-25.5-102815	10/28/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0029	J		<0.0048	U		<0.0048	U	
		VMP-9-25.5-012816	1/28/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0017	J		<0.0059	U		<0.0059	U	
		VMP-9-25.5-042816	4/28/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-9-25.5-080116	8/1/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0031	J		<0.0055	U		<0.0055	U	
		VMP-9-25.5-102516	10/25/2016	0.0042	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.0051	U		<0.0051	U	
		VMP-9-25.5-120916	12/9/2016	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0027	J		<0.0048	U		<0.0048	U	
	38.5 ft	VMP-9-38.5	11/10/2009	110		J	<4.2	U		<3.3	U		<3.3	U		<3.3	U		<2.7	U		<2.2	U		<2.2	U	
		VMP-9-38.5-020911	2/9/2011	18			<1.6	U		<1.2	U		<1.2	U		<1.2	U		<1	U		<0.85	U		<0.84	U	
		VMP-9-38.5-040811	4/8/2011	23			<2.1	U		<1.7	U		<1.7	U		<1.7	U		<1.4	U		<1.1	U		<1.1	U	
		VMP-9-38.5-012612	1/26/2012	9.8		J	<0.32	U		<0.25	U		<0.25	U		<0.25	U		<0.21	U		<0.17	U		<0.17	U	
		VMP-9-38.5-041112	4/11/2012	0.0056			<0.0062	U		<0.0048	U		<0.0048	U		<0.0048	U		0.002	J		<0.0032	U		<0.0032	U	
		VMP-9-38.5-071312	7/13/2012	<0.0036	J	U	<0.0081	U		<0.0064	U		<0.0064	J	U	<0.0064	J	U	0.0025	J		<0.0043	U		<0.0043	U	
		VMP-9-38.5-101012	10/10/2012	0.02			<0.03	U		<0.024	U		<0.024	U		<0.024	U		<0.019	U		<0.016	U		<0.016	U	
		VMP-9-38.5-013013	1/30/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0028	J		<0.0057	U		<0.0057	U	
		VMP-9-38.5-050113	5/1/2013	0.0024	J		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0029	J		<0.0063	U		<0.0063	U	
		VMP-9-38.5-073113	7/31/2013	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0018	J		<0.0061	U		<0.0061	U	
		VMP-9-38.5-102213	10/22/2013	0.00052	J		<0.011	U		<0.0084	J	U	<0.0084	U		<0.0084	U		0.002	J		<0.0056	U		0.00051	J	
		VMP-9-38.5-021114	2/11/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-9-38.5-081114	8/11/2014	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.003	J		<0.006	U		<0.006	U	
		VMP-9-38.5-050415	5/4/2015	0.072		J	<0.057	U		<0.044	U		<0.044	U		<0.044	U		<0.036	U		<0.03	U		<0.03	U	
		VMP-9-38.5-050415-DUP	5/4/2015	0.0028	J	J	<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	U		0.0018	J		<0.0036	U		<0.0036	U	
		VMP-9-38.5-052915-R	5/29/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-9-38.5-072815	7/28/2015	0.0021	J		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0022	J		<0.0044	U		0.00081	J	
		VMP-9-38.5-102815	10/28/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U	
		VMP-9-38.5-012816	1/28/2016	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0021	J		<0.0047	U		<0.0047	U	
		VMP-9-38.5-042816	4/28/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-9-38.5-072916	7/29/2016	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0022	J		<0.0061	U		<0.0061	U	
		VMP-9-38.5-102516	10/25/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0035	J		<0.0056	U		<0.0056	U	
		VMP-9-38.5-120916	12/9/2016	0.00076	J		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0025	J		<0.0045	U		<0.0045	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	<0.003	U		<0.008	U		<0.006	U		<0.006	U		<0.006	U		<0.005	U		<0.004	U		<0.004	U	
		VMP-10-5-090710	9/7/2010	0.0092			<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-10-5-111810	11/17/2010	0.0048			<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0017	J		<0.0049	U		<0.0049	U	
		VMP-10-5-021011	2/10/2011	0.023			<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0048	U		<0.0048	U	
		VMP-10-5-040511	4/5/2011	0.0053			<0.0084	U		<0.0066	J	U	<0.0066	U		<0.0066	J	U	0.0021	J		<0.0044	U		<0.0044	U	
		VMP-10-5-07/2911	7/29/2011	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-10-5-110411	11/4/2011	<0.0024	U		<0.0053	U		<0.0042	U		<0.0042	U		<0.0042	U		0.0018	J		<0.0028	U		<0.0028	U	
		VMP-10-5-012512	1/26/2012	0.00067	J		<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0025	J		<0.0035	U		<0.0035	U	
		VMP-10-5-041212	4/12/2012	<0.0032	U		<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	U		0.0023	J		<0.0038	U		<0.0038	U	
		VMP-10-5-071312	7/13/2012	<0.0033	J	U	<0.0074	U		<0.0058	U		<0.0058	U		<0.0058	J	U	0.0028	J		<0.0039	U		<0.0039	U	
		VMP-10-5-101612	10/16/2012	0.018			<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.002	J		<0.0061	U		<0.0061	U	
		VMP-10-5-012913	1/29/2013	0.0079			<0.011	U		<0.0085	U		<0.0085	J	U	<0.0085	J	U	0.0028	J		<0.0057	U		<0.0057	U	
		VMP-10-5-012913-DUP	1/29/2013	0.01			<0.012	U		<0.0093	U		<0.0093	J	U	<0.0093	J	U	0.0029	J		<0.0063	U		<0.0063	U	
		VMP-10-5-043013	4/30/2013	<0.0055	U		<0.012	U		<0.0097	U		<0.0097	U		<0.0097	U		0.0027	J		<0.0065	U		<0.0065	U	
		VMP-10-5-073013	7/30/2013	0.0024	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0054	J		<0.0054	U		<0.0054	U	
		VMP-10-5-111313	11/13/2013	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0023	J		<0.0047	U		<0.0047	U	
		VMP-10-5-021214	2/12/2014	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U	
		VMP-10-5-022614-R	2/26/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0.0048	U	
		VMP-10-5-042914	4/29/2014	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0019	J		<0.0049	U		<0.0049	U	
		VMP-10-5-073114	7/31/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.002	J		<0.005	U		<0.005	U	
		VMP-10-5-103014	10/30/2014	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
		VMP-10-5-020515	2/5/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-10-5-043015	4/30/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0024	J		<0.0055	U		<0.0055	U	
		VMP-10-5-072815	7/28/2015	0.005			<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-10-5-103015	10/30/2015	<0.0044	U		<0.0097	U		<0.0076	J	U	<0.0076	J	U	<0.0076	J	U	0.0027	J		<0.0051	U		<0.0051	U	
		VMP-10-5-012916	1/29/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0027	J		<0.0053	U		<0.0053	U	
		VMP-10-5-050216	5/2/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-10-5-082616	8/26/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-10-5-110216	11/2/2016	<0.0044	J	U	<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U	
	10 ft	VMP-10-10	11/11/2009	<0.003	U		<0.008	U		<0.006	U		<0.006	U		<0.006	U		<0.005	U		<0.004	U		<0.004	U	
		VMP-10-10-090710	9/7/2010	0.0052			<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-10-10-111810	11/17/2010	0.0053			<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-10-10-021111	2/11/2011	0.0034	J		<0.0078	U		<0.0061	U		<0.0061	U		<0.0061	J	U	0.0015	J		<0.0041	U		<0.0041	U	
		VMP-10-10-040611	4/6/2011	0.0021	J		<0.01	J	U	<0.0079	J	U	<0.0079	J	U	<0.0079	J	U	0.0023	J		<0.0053	U		<0.0053	U	
		VMP-10-10-072911	7/29/2011	0.0019	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U	
		VMP-10-10-110411	11/4/2011	<0.0031	U		<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	U		0.0026	J		<0.0036	U		<0.0036	U	
		VMP-10-10-110411-DUP	11/4/2011	<0.0031	U		<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	U		0.0026	J		<0.0036	U		<0.0036	U	
		VMP-10-10-012512	1/26/2012	<0.003	U		<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0032	J		<0.0035	U		<0.0035	U	
		VMP-10-10-012512-DUP	1/26/2012	0.0029	J		<0.007	U		0.0015	J		<0.0055	U		<0.0055	U		0.0026	J		<0.0037	U		<0.0037	U	
		VMP-10-10-041112	4/11/2012	0.0069			<0.0073	U		<0.0057	U		<0.0057	J	U	<0.0057	U		0.002	J		<0.0039	U		<0.0039	U	
		VMP-10-10-071312	7/13/2012	<0.0032	J	U	<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	J	U	0.0023	J		<0.0038	U		<0.0038	U	
		VMP-10-10-101612	10/16/2012	0.0058			<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0019	J		<0.0064	U		<0.0064	U	
		VMP-10-10-012913	1/29/2013	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	J	U	<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-10-10-043013	4/30/2013	0.01			<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0023	J		<0.0059	U		<0.0059	U	
		VMP-10-10-073013	7/30/2013	0.0021	J		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0024	J		<0.0055	U		<0.0055	U	
		VMP-10-10-111313	11/13/2013	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U	
		VMP-10-10-021214	2/12/2014	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0022	J		<0.0048	U		<0.0048	U	
		VMP-10-10-042914	4/29/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.006	U		<0.0049	U		<0.0049	U	
		VMP-10-10-073114	7/31/2014	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0017	J		<0.0057	U		<0.0057	U	
		VMP-10-10-103014	10/30/2014	<0.0089	U		<0.02	U		<0.015	U		<0.015	U		<0.015	U		0.0038	J		<0.01	U		<0.01	U	
		VMP-10-10-020515	2/5/2015	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-10-10-043015	4/30/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U	
		VMP-10-10-072815	7/28/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0027	J		<0.0058	U		<0.0058	U	
		VMP-10-10-103015	10/30/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	J	U	0.003	J		<0.0052	U		<0.0052	U	
		VMP-10-10-021616	2/16/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-10-10-050216	5/2/2016	<0.0054	U		<0.012	U		<0.0094	U		<0.0094	U		<0.0094	U		0.0031	J		<0.0063	U		<0.0063	U	
		VMP-10-10-072816	7/28/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-10-10-110216	11/2/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0022	J		<0.0056	U		<0.0056	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	20 ft	VMP-10-20	11/11/2009	<0.003	U		<0.008	U		<0.006	U		<0.006	U		<0.006	U		<0.005	U		<0.004	U		<0.004	U	
		VMP-10-20-D	11/11/2009	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.006	U		<0.005	U		<0.005	U	
		VMP-10-20-090710	9/7/2010	0.0035	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0027	J		<0.0056	U		<0.0056	U	
		VMP-10-20-090710-DUP	9/7/2010	0.002	J		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0033	J		<0.0052	U		<0.0052	U	
		VMP-10-20-111810	11/17/2010	0.0025	J		<0.019	U		<0.015	U		<0.015	U		<0.015	U		0.0028	J		<0.0099	U		<0.0099	U	
		VMP-10-20-111810-Dup	11/17/2010	0.0056			<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0019	J		<0.005	U		<0.005	U	
		VMP-10-20-021111	2/11/2011	0.0027	J		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U	
		VMP-10-20-040611	4/6/2011	0.0034	J		<0.011	U		<0.0088	J	U	<0.0088	J	U	<0.0088	J	U	0.0021	J		<0.006	U		<0.0059	U	
		VMP-10-20-072911	7/29/2011	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-10-20-110411	11/4/2011	<0.0031	U		<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	U		0.0027	J		<0.0036	U		<0.0036	U	
		VMP-10-20-012612	1/26/2012	0.0062			<0.0064	U		<0.005	U		<0.005	U		<0.005	U		0.0024	J		<0.0034	U		<0.0034	U	
		VMP-10-20-041212	4/12/2012	<0.0032	U		<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	J	U	0.0023	J		<0.0038	U		<0.0038	U	
		VMP-10-20-071612	7/16/2012	<0.0031	J	U	<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	J	U	0.0028	J		<0.0036	U		<0.0036	U	
		VMP-10-20-101612	10/16/2012	0.0016	J		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		0.0022	J		<0.0064	U		<0.0064	U	
		VMP-10-20-012913	1/29/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	J	U	0.0027	J		<0.0056	U		<0.0056	U	
		VMP-10-20-043013	4/30/2013	<0.0053	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0017	J		<0.0063	U		<0.0063	U	
		VMP-10-20-073013	7/30/2013	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-10-20-102313	10/23/2013	0.0012	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.002	J		<0.0053	U		<0.0053	U	
		VMP-10-20-021214	2/12/2014	<0.0039	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0068	U		0.002	J		<0.0046	U		<0.0046	U	
		VMP-10-20-042914	4/29/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0067	U		<0.0055	U		<0.0055	U	
		VMP-10-20-073114	7/31/2014	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U	
		VMP-10-20-103014	10/30/2014	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0021	J		<0.0052	U		<0.0052	U	
		VMP-10-20-020515	2/5/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0032	J		<0.0053	U		<0.0053	U	
		VMP-10-20-043015	4/30/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0023	J		<0.006	U		<0.006	U	
		VMP-10-20-072815	7/28/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	J	U	<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U	
		VMP-10-20-072815-DUP	7/28/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0027	J		<0.0058	U		<0.0058	U	
		VMP-10-20-103015	10/30/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U	
		VMP-10-20-012916	1/29/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U	
		VMP-10-20-050216	5/2/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0029	J		<0.0053	U		<0.0053	U	
		VMP-10-20-072816	7/28/2016	<0.0096	U		<0.021	U		<0.017	U		<0.017	U		<0.017	U		<0.014	U		<0.011	U		<0.011	U	
		VMP-10-20-110216	11/2/2016	0.0067			<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0019	J		<0.0055	U		<0.0055	U	
	30 ft	VMP-10-30	11/13/2009	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.006	U		<0.005	U		<0.005	U	
		VMP-10-30-041212	4/12/2012	0.005			<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0035	J		<0.004	U		<0.004	U	
		VMP-10-30-071612	7/16/2012	<0.003	J	U	<0.0066	U		<0.0052	U		<0.0052	U		<0.0052	J	U	0.0026	J		<0.0035	U		<0.0035	U	
		VMP-10-30-101612	10/16/2012	0.002	J		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0026	J		<0.0061	U		<0.0061	U	
		VMP-10-30-012913	1/29/2013	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	J	U	0.0028	J		<0.0061	U		<0.0061	U	
		VMP-10-30-043013	4/30/2013	0.012			<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.002	J		<0.0058	U		<0.0058	U	
		VMP-10-30-073013	7/30/2013	0.0013	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-10-30-102813	10/28/2013	0.0025	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.002	J		<0.0058	U		<0.0058	U	
		VMP-10-30-021214	2/12/2014	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U	
		VMP-10-30-042914	4/29/2014	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		<0.0064	U		<0.0052	U		<0.0052	U	
		VMP-10-30-073114	7/31/2014	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-10-30-073114-Dup	7/31/2014	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0019	J		<0.0052	U		<0.0052	U	
		VMP-10-30-103014	10/30/2014	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-10-30-103014-DUP	10/30/2014	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-10-30-020515	2/5/2015	0.0026	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-10-30-020515-DUP	2/5/2015	0.0019	J		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0031	J		<0.0052	U		<0.0052	U	
		VMP-10-30-043015	4/30/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0021	J		<0.0054	U		<0.0054	U	
		VMP-10-30-072815	7/28/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0027	J		<0.0059	U		<0.0059	U	
		VMP-10-30-103015	10/30/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0031	J		<0.0052	U		<0.0052	U	
		VMP-10-30-012916-DUP	1/29/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U	
		VMP-10-30-050216	5/2/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-10-30-050216-DUP	5/2/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-10-30-072816	7/28/2016	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.003	J		<0.0061	U		<0.0061	U	
		VMP-10-30-110216	11/2/2016	<0.0054	U		<0.012	U		<0.0094	U		<0.0094	U		<0.0094	U		0.0024	J		<0.0063	U		<0.0063	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.031	U		<0.069	U		<0.054	U		<0.054	U		<0.054	U		<0.044	U		<0.036	U		<0.036	U	
		VMP-11-5-090710	9/7/2010	0.0012	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-11-5-112210	11/22/2010	<0.0044	U		<0.0099	U		<0.0078	U		0.0011	J		<0.0078	U		0.0019	J		<0.0052	U		<0.0052	U	
		VMP-11-5-021511	2/15/2011	0.0089			<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0029	J		<0.0046	U		<0.0046	U	
		VMP-11-5-040611	4/6/2011	0.082			<0.083	U		<0.065	U		<0.065	U		<0.065	U		<0.053	U		<0.044	U		<0.044	U	
		VMP-11-5-080711	8/7/2011	<0.051	U		<0.11	U		<0.089	U		<0.089	U		<0.089	U		<0.073	U		<0.06	U		<0.06	U	
		VMP-11-5-111111	11/11/2011	0.14			<0.022	U		<0.018	U		<0.018	U		<0.018	U		<0.014	U		<0.012	U		<0.012	U	
		VMP-11-5-012612	1/26/2012	<0.003	U		<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0024	J		<0.0035	U		<0.0035	U	
		VMP-11-5-041912	4/19/2012	0.0013	J		<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	J	U	0.0028	J		<0.004	U		0.00084	J	
		VMP-11-5-071912	7/16/2012	0.0032	J		<0.0098	U		<0.0076	U		<0.0076	J	U	<0.0076	J	U	0.0022	J		<0.0051	U		<0.0051	J	U
		VMP-11-5-101612	10/16/2012	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-11-5-012913	1/29/2013	<0.25	U		<0.55	U		<0.43	U		<0.43	U		<0.43	U		<0.36	U		<0.29	U		<0.29	U	
		VMP-11-5-043013	4/30/2013	<0.0052	U		<0.012	U		<0.009	U		<0.009	J	U	<0.009	J	U	0.0026	J		<0.0061	U		<0.0061	U	
		VMP-11-5-073113	7/31/2013	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0019	J		<0.0062	U		<0.0062	U	
		VMP-11-5-102813	10/28/2013	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U	
		VMP-11-5-022114	2/21/2014	0.004	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U	
		VMP-11-5-043014	4/30/2014	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0026	J		<0.0046	U		0.001	J	
		VMP-11-5-073114	7/31/2014	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0018	J		<0.0054	U		<0.0054	U	
		VMP-11-5-103014	10/30/2014	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0032	J		<0.0049	U		<0.0049	U	
		VMP-11-5-020515	2/5/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-11-5-043015	4/30/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-11-5-072815	7/28/2015	0.0042	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-11-5-103015	10/30/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0047	J		<0.0052	U		<0.0052	U	
		VMP-11-5-012916	1/29/2016	<0.0047	U		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-11-5-050216	5/2/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0029	J		<0.0048	U		<0.0048	U	
		VMP-11-5-080116	8/1/2016	0.023			<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0032	J		<0.0057	U		<0.0057	U	
		VMP-11-5-110116	11/1/2016	0.0016	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
	8 ft	VMP-11-8	11/17/2009	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.006	U		<0.005	U		<0.005	U	
		VMP-11-8-090810	9/8/2010	0.00085	J		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0038	J		<0.0052	U		<0.0052	U	
		VMP-11-8-112210	11/22/2010	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-11-8-021111	2/11/2011	0.0013	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0035	J		<0.005	U		<0.005	U	
		VMP-11-8-021111-DUP	2/11/2011	0.001	J		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0033	J		<0.0048	U		<0.0048	U	
		VMP-11-8-040611	4/6/2011	0.042			<0.043	U		<0.033	U		<0.033	U		<0.033	U		<0.027	U		<0.022	U		<0.022	U	
		VMP-11-8-040611-DUP	4/6/2011	0.047			<0.037	U		<0.029	U		<0.029	U		<0.029	U		<0.024	U		<0.019	U		<0.019	U	
		VMP-11-8-080711	8/7/2011	<0.051	U		<0.11	U		<0.089	U		<0.089	U		<0.089	U		<0.073	U		<0.06	U		<0.06	U	
		VMP-11-8-111411	11/14/2011	0.0077			<0.0068	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0025	J		<0.0036	U		<0.0036	U	
		VMP-11-8-012612	1/26/2012	<0.0029	U		<0.0066	U		<0.0051	U		<0.0051	U		<0.0051	U		0.0028	J		<0.0035	U		<0.0035	U	
		VMP-11-8-041912	4/19/2012	0.001	J		<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	J	U	0.0028	J		<0.004	U		<0.004	U	
		VMP-11-8-072012	7/20/2012	<0.0034	U		<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0027	J		<0.004	U		<0.004	U	
		VMP-11-8-101612	10/16/2012	0.0017	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0028	J		<0.0058	U		<0.0058	U	
		VMP-11-8-101612-Dup	10/16/2012	0.0021	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	J	U	0.0022	J		<0.0058	U		<0.0058	U	
		VMP-11-8-012913	1/29/2013	<0.034	U		<0.076	U		<0.059	U		<0.059	U		<0.059	U		<0.049	U		<0.04	U		<0.04	U	
		VMP-11-8-050113	5/1/2013	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-11-8-080113	8/1/2013	<0.0048	U		<0.011	U		<0.0084	J	U	<0.0084	U		<0.0084	U		0.0027	J		<0.0056	U		<0.0056	U	
		VMP-11-8-102813	10/28/2013	0.0011	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.002	J		<0.0058	U		<0.0058	U	
		VMP-11-8-022114	2/21/2014	0.0046			<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0022	J		<0.0048	U		<0.0048	U	
		VMP-11-8-043014	4/30/2014	<0.004	U		<0.0089	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0021	J		<0.0047	U		0.00068	J	
		VMP-11-8-073114	7/31/2014	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0023	J		<0.006	U		<0.006	U	
		VMP-11-8-111014-R	11/10/2014	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-11-8-020515	2/5/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0034	J		<0.0048	U		<0.0048	U	
		VMP-11-8-043015	4/30/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U	
		VMP-11-8-072815	7/28/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.002	J		<0.0057	U		<0.0057	U	
		VMP-11-8-103015	10/30/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0047	J		<0.005	U		<0.005	U	
		VMP-11-8-012916	1/29/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-11-8-050616	5/6/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0021	J		<0.0058	U		<0.0058	U	
		VMP-11-8-080116	8/1/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0031	J		<0.0056	U		<0.0056	U	
		VMP-11-8-110116	11/1/2016	0.001	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	29 ft	VMP-11-29	11/18/2009	<29	U		<65	U		<51	U		<51	U		<51	U		<42	U		<34	U		<34	U	
		VMP-11-29-090810	9/8/2010	0.068	J		<0.25	U		<0.19	U		<0.19	U		<0.19	U		<0.16	U		<0.13	U		<0.13	U	
		VMP-11-29-112210	11/22/2010	<1.6	U		<3.5	U		<2.8	U		<2.8	U		<2.8	U		<2.3	U		<1.9	U		<1.9	U	
		VMP-11-29-112210-Dup	11/22/2010	<1.1	U		<2.5	U		<1.9	U		<1.9	U		<1.9	U		<1.6	U		<1.3	U		<1.3	U	
		VMP-11-29-021411	2/14/2011	0.032			<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0041	J		<0.005	U		<0.005	U	
		VMP-11-29-040611	4/6/2011	0.065			<0.073	U		<0.057	U		<0.057	U		<0.057	U		<0.047	U		<0.038	U		<0.038	U	
		VMP-11-29-082511	8/25/2011	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-11-29-082511-Dup	8/25/2011	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-11-29-111411	11/14/2011	0.0014	J		<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0019	J		<0.0035	U		<0.0035	U	
		VMP-11-29-012612	1/26/2012	<0.0029	U		<0.0064	U		<0.005	U		<0.005	U		<0.005	U		0.0025	J		<0.0034	U		<0.0034	U	
		VMP-11-29-042712	4/27/2012	0.0029	J		<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	J	U	0.0022	J		<0.0035	U		<0.0035	U	
		VMP-11-29-072012	7/23/2012	0.0067			<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0024	J		<0.0035	U		<0.0035	U	
		VMP-11-29-101612	10/16/2012	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0024	J		<0.006	U		<0.006	U	
		VMP-11-29-012913	1/29/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.003	J		<0.0058	U		<0.0058	U	
		VMP-11-29-043013	4/30/2013	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	J	U	0.0032	J		<0.0058	U		<0.0058	U	
		VMP-11-29-073113	7/31/2013	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0018	J		<0.0056	U		<0.0056	U	
		VMP-11-29-102813	10/28/2013	<0.008	U		<0.018	U		<0.014	U		<0.014	U		<0.014	U		<0.012	U		<0.0094	U		<0.0094	U	
		VMP-11-29-022114	2/21/2014	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0018	J		<0.0051	U		<0.0051	U	
		VMP-11-29-043014	4/30/2014	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U	
		VMP-11-29-073114	7/31/2014	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0058	U		<0.0058	U	
		VMP-11-29-103014	10/30/2014	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-11-29-103014-DUP	10/30/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0032	J		<0.0048	U		<0.0048	U	
		VMP-11-29-020515	2/5/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0033	J		<0.0057	U		<0.0057	U	
		VMP-11-29-020515-DUP	2/5/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0037	J		<0.0052	U		<0.0052	U	
		VMP-11-29-043015	4/30/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0021	J		<0.005	U		<0.005	U	
		VMP-11-29-072815	7/28/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U	
		VMP-11-29-110515	11/5/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0036	J		<0.0057	U		<0.0057	U	
		VMP-11-29-012916	1/29/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0016	J		<0.0058	U		<0.0058	U	
		VMP-11-29-050216	5/2/2016	0.0016	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-11-29-080216	8/2/2016	0.00085	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0038	J		<0.0055	U		<0.0055	U	
		VMP-11-29-110116	11/1/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0025	J		<0.006	U		<0.006	U	
	38 ft	VMP-11-38	11/18/2009	<85	U		<190	U		<150	U		<150	U		<150	U		<120	U		<100	U		<100	U	
		VMP-11-38-042312	4/23/2012	<0.22	U		<0.5	U		<0.39	U		<0.39	U		<0.39	U		<0.32	U		<0.26	U		<0.26	U	
		VMP-11-38-042312-Dup	4/23/2012	<0.79	U		<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.1	U		<0.93	U		<0.93	U	
		VMP-11-38-072312	7/23/2012	<0.37	U		<0.83	U		<0.65	U		<0.65	U		<0.65	U		<0.54	U		<0.44	U		<0.44	U	
		VMP-11-38-101612	10/16/2012	0.005			<0.012	U		<0.009	U		<0.009	U		<0.009	J	U	0.0026	J		<0.0061	U		<0.0061	U	
		VMP-11-38-013013	1/30/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U	
		VMP-11-38-043013	4/30/2013	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	J	U	0.0027	J		<0.0061	U		<0.0061	U	
		VMP-11-38-073113	7/31/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.002	J		<0.0058	U		<0.0058	U	
		VMP-11-38-073113-Dup	7/31/2013	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0018	J		<0.0059	U		<0.0059	U	
		VMP-11-38-102813	10/28/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U	
		VMP-11-38-022114	2/21/2014	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-11-38-043014	4/30/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0037	J		<0.0051	U		0.001	J	
		VMP-11-38-073114	7/31/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-11-38-103014	10/30/2014	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0065	J		<0.0058	U		<0.0058	U	
		VMP-11-38-020515	2/5/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0033	J		<0.0048	U		<0.0048	U	
		VMP-11-38-043015	4/30/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.002	J		<0.0061	U		<0.0061	U	
		VMP-11-38-072815	7/28/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0024	J		<0.0055	U		<0.0055	U	
		VMP-11-38-103015	10/30/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0032	J		<0.005	U		<0.005	U	
		VMP-11-38-103015-DUP	10/30/2015	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0032	J		<0.0046	U		<0.0046	U	
		VMP-11-38-012916	1/29/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U	
		VMP-11-38-050216	5/2/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U	
		VMP-11-38-050216-DUP	5/2/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-11-38-080216	8/2/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0037	J		<0.0058	U		<0.0058	U	
		VMP-11-38-110216	11/2/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0028	J		<0.006	U		<0.006	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	570			<24	U		<19	U		<19	U		<19	U		<16	U		<13	U		<13	U	
		VMP-12-5-090310	9/3/2010	410			<10	U		<8.1	U		<8.1	U		<8.1	U		<6.6	U		<5.4	U		<5.4	U	
		VMP-12-5-120310	12/3/2010	750			<100	U		<80	U		<80	U		<80	U		<66	U		<54	U		<54	U	
		VMP-12-5-021511	2/15/2011	88			<4.7	U		<3.7	U		<3.7	U		<3.7	U		<3	U		<2.5	U		<2.5	U	
		VMP-12-5-041911	4/19/2011	300			<34	U		<27	U		<27	U		<27	U		<22	U		<18	U		<18	U	
		VMP-12-5-080411	8/4/2011	230			<8.9	U		<6.9	U		<6.9	U		<6.9	U		<5.7	U		<4.7	U		<4.7	U	
		VMP-12-5-111611	11/16/2011	0.016			<0.0063	U		<0.0049	U		<0.0049	U		<0.0049	U		<0.004	U	UJ	<0.0033	U		<0.0033	U	
		VMP-12-5-012412	1/24/2012	0.95			<0.07	U		<0.055	U		<0.055	U		<0.055	U		<0.045	U		<0.037	U		<0.037	U	
		VMP-12-5-041912	4/19/2012	0.046			0.0016	J		<0.0055	U		<0.0055	U		<0.0055	U		0.0029	J		<0.0037	U		<0.0037	U	
		VMP-12-5-072612	7/26/2012	0.006			<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	J	U	0.0032	J		<0.0039	U		<0.0039	U	
		VMP-12-5-072612-Dup	7/26/2012	<0.0031	U		<0.0068	U		<0.0054	U		<0.0054	U		<0.0054	J	U	0.0059			<0.0036	U		<0.0036	U	
		VMP-12-5-102412	10/24/2012	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0024	J		<0.0061	U		<0.0061	U	
		VMP-12-5-021813	2/18/2013	0.0022	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	J	U	0.0028	J		<0.0054	U		<0.0054	U	
		VMP-12-5-051013	5/10/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.003	J		<0.0057	U		<0.0057	U	
		VMP-12-5-081213	8/12/2013	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	J	U	0.0018	J		<0.0055	U		<0.0055	U	
		VMP-12-5-111413	11/14/2013	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0027	J		<0.0054	U		<0.0054	U	
		VMP-12-5-031914-R	3/19/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-12-5-050214	5/2/2014	0.0019	J		<0.008	U		<0.0063	U		<0.0063	U		<0.0063	U		0.0023	J		<0.0042	U		<0.0042	U	
		VMP-12-5-081514	8/15/2014	0.0041	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0031	J		<0.0057	U		<0.0057	U	
		VMP-12-5-110714	11/10/2014	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0028	J		<0.0058	U		<0.0058	U	
		VMP-12-5-021115	2/11/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U	
		VMP-12-5-050715	5/7/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0018	J		<0.0056	U		<0.0056	U	
		VMP-12-5-073115	7/31/2015	0.0041	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0055	U		<0.0055	U	
		VMP-12-5-110415	11/4/2015	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0044	J		<0.0055	U		<0.0055	U	
		VMP-12-5-020316	2/3/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0032	J		<0.0057	U		<0.0057	U	
		VMP-12-5-050416	5/4/2016	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0025	J		<0.0064	U		<0.0064	U	
		VMP-12-5-080316	8/3/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0032	J		<0.0055	U		<0.0055	U	
		VMP-12-5-103116	10/31/2016	0.0017	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U	
	11.5 ft	VMP-12-11.5	11/13/2009	560			<42	U		<33	U		<33	U		<33	U		<27	U		<22	U		<22	U	
		VMP-12-11.5-090310	9/3/2010	580			<13	U		<10	U		<10	U		<10	U		<8.5	U		<7	U		<7	U	
		VMP-12-11.5-120310	12/3/2010	340			<11	U		<9	U		<9	U		<9	U		<7.4	U		<6	U		<6	U	
		VMP-12-11.5-021511	2/15/2011	450			<10	U		<8	U		<8	U		<8	U		<6.6	U		<5.4	U		<5.4	U	
		VMP-12-11.5-021511-DUP	2/15/2011	390			<8.9	U		<6.9	U		<6.9	U		<6.9	U		<5.7	U		<4.7	U		<4.7	U	
		VMP-12-11.5-041911	4/19/2011	420			<31	U		<24	U		<24	U		<24	U		<20	U		<16	U		<16	U	
		VMP-12-11.5-080411	8/4/2011	160			<11	U		<8.5	U		<8.5	U		<8.5	U		<7	U		<5.7	U		<5.7	U	
		VMP-12-11.5-111611	11/16/2011	0.28			<0.086	U		<0.068	U		<0.068	U		<0.068	U		<0.056	U	UJ	<0.046	U		<0.046	U	
		VMP-12-11.5-012412	1/24/2012	2.8			<0.81	U		<0.63	U		<0.63	U		<0.63	U		<0.52	U		<0.42	U		<0.42	U	
		VMP-12-11.5-041912	4/19/2012	0.06			<0.073	U		<0.057	U		<0.057	U		<0.057	U		<0.047	U		<0.039	U		<0.039	U	
		VMP-12-11.5-082012	8/20/2012	<0.0052	U		<0.012	U		<0.0091	U		0.003	J		<0.0091	J	U	0.004	J	J	<0.0061	U		<0.0061	U	
		VMP-12-11.5-102612	10/26/2012	0.0037	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0058	U		<0.0058	U	
		VMP-12-11.5-021813	2/18/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0023	J		<0.0058	U		<0.0058	U	
		VMP-12-11.5-051013	5/10/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U	
		VMP-12-11.5-081213	8/12/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	J	U	0.0018	J		<0.0059	U		<0.0059	U	
		VMP-12-11.5-111413	11/14/2013	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-12-11.5-022814	2/28/2014	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U	
		VMP-12-11.5-050214	5/2/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-12-11.5-081514	8/15/2014	0.0011	J		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.003	J		<0.0055	U		<0.0055	U	
		VMP-12-11.5-110714	11/7/2014	<0.0097	U		<0.022	U		<0.017	U		<0.017	U		<0.017	U		<0.014	U		<0.011	U		<0.011	U	
		VMP-12-11.5-021115	2/11/2015	0.0047			<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0018	J		<0.005	U		<0.005	U	
		VMP-12-11.5-050715	5/7/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0018	J		<0.0056	U		<0.0056	U	
		VMP-12-11.5-073115	7/31/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		0.0038	J		0.0026	J		<0.0061	U		<0.0061	U	
		VMP-12-11.5-110415	11/4/2015	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0025	J		<0.0046	U		<0.0046	U	
		VMP-12-11.5-020316	2/3/2016	0.0017	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-12-11.5-050416	5/4/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0019	J		<0.006	U		<0.0059	U	
		VMP-12-11.5-080316	8/3/2016	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0027	J		<0.0062	U		<0.0062	U	
		VMP-12-11.5-110316	11/3/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	25 ft	VMP-12-25	11/13/2009	680			<87	U		<68	U		<68	U		<68	U		<56	U		<46	U		<46	U	
		VMP-12-25-090310	9/3/2010	650			<17	U		<13	U		<13	U		<13	U		<11	U		<8.9	U		<8.9	U	
		VMP-12-25-120310	12/3/2010	18			<0.84	U		<0.66	U		<0.66	U		<0.66	U		<0.54	U		<0.44	U		<0.44	U	
		VMP-12-25-021511	2/15/2011	410			<20	U		<16	U		<16	U		<16	U		<13	U		<11	U		<11	U	
		VMP-12-25-041911	4/19/2011	430			<33	U		<26	U		<26	U		<26	U		<21	U		<18	U		<18	U	
		VMP-12-25-080411	8/4/2011	320			<21	U		<16	U		<16	U		<16	U		<14	U		<11	U		<11	U	
		VMP-12-25-111611	11/16/2011	320			<24	U		<19	U		<19	U		<19	U		<16	U	UJ	<13	U		11	J	
		VMP-12-25-012412	1/24/2012	460		J	<9.2	U		<7.2	U		<7.2	U		<7.2	U		<5.9	U		<4.8	U		<4.8	U	
		VMP-12-25-012412-DUP	1/24/2012	410			<67	U		<53	U		<53	U		<53	U		<43	U		<35	U		<35	U	
		VMP-12-25-041912	4/19/2012	54			<7	U		<5.5	U		<5.5	U		<5.5	U		<4.5	U		<3.7	U		<3.7	U	
		VMP-12-25-072712	7/27/2012	59			<7.7	U		<6	U		<6	U		<6	U		<5	U		<4.1	U		<4.1	U	
		VMP-12-25-072712-Dup	7/27/2012	73			<7.7	U		<6	U		<6	U		<6	U		<5	U		<4.1	U		<4.1	U	
		VMP-12-25-102512	10/25/2012	3.1			<3.3	U		<2.6	U		<2.6	U		<2.6	U		<2.1	U		<1.8	U		<1.8	U	
		VMP-12-25-021513	2/15/2013	20		J	<6.2	U		<4.8	U		<4.8	U		<4.8	U		<4	U		<3.2	U		<3.2	U	
		VMP-12-25-051013	5/10/2013	18			<20	U		<16	U		<16	U		<16	U		<13	U		<11	U		<11	U	
		VMP-12-25-081213	8/12/2013	33			<11	U		<8.3	U		<8.3	U		<8.3	U		<6.8	U		<5.6	U		<5.6	U	
		VMP-12-25-111413	11/14/2013	0.15			<0.2	U		<0.16	U		<0.16	U		<0.16	U		<0.13	U		<0.11	U		0.0094	J	
		VMP-12-25-022814	2/28/2014	0.099			<0.2	U		<0.16	U		<0.16	U		<0.16	U		<0.13	U		<0.11	U		<0.11	U	
		VMP-12-25-050214	5/2/2014	0.0058			<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.002	J		<0.0058	U		<0.0058	U	
		VMP-12-25-081514	8/15/2014	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0035	J		<0.0061	U		<0.0061	U	
		VMP-12-25-110714	11/7/2014	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-12-25-021115	2/11/2015	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0019	J		<0.0045	U		<0.0045	U	
		VMP-12-25-050715	5/7/2015	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.002	J		<0.006	U		<0.006	U	
		VMP-12-25-073115	7/31/2015	<0.0056	U		<0.012	U		<0.0097	U		<0.0097	U		<0.0097	U		0.0022	J		<0.0066	U		<0.0066	U	
		VMP-12-25-110415	11/4/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0029	J		<0.0054	U		<0.0054	U	
		VMP-12-25-021616	2/16/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0032	J		<0.0051	U		<0.0051	U	
		VMP-12-25-021616-DUP	2/16/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0033	J		<0.0055	U		<0.0055	U	
		VMP-12-25-050416	5/4/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-12-25-080316	8/3/2016	0.0039	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U	
		VMP-12-25-103116	10/31/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-12-25-103116-Dup	10/31/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U	
	39 ft	VMP-12-39	11/13/2009	710			<91	U		<71	U		<71	U		<71	U		<59	U		<48	U		<48	U	
		VMP-12-39-041911	4/19/2011	570			<32	U		<25	U		<25	U		<25	U		<21	U		<17	U		<17	U	
		VMP-12-39-012412	1/24/2012	560			<67	U		<53	U		<53	U		<53	U		<43	U		<35	U		<35	U	
		VMP-12-39-041912	4/19/2012	260			<34	U		<26	U		<26	U		<26	U		<22	U		<18	U		<18	U	
		VMP-12-39-072612	7/26/2012	110			<15	U		<12	U		<12	U		<12	U		<9.9	U		<8.1	U		<8.1	U	
		VMP-12-39-102412	10/24/2012	66			<41	U		<32	U		<32	U		<32	U		<26	U		<21	U		<21	U	
		VMP-12-39-021513	2/15/2013	180			<18	U		<14	U		<14	U		<14	U		<12	U		<9.8	U		<9.8	U	
		VMP-12-39-051013	5/10/2013	91			<32	U		<25	U		<25	U		<25	U		<21	U		<17	U		<17	U	
		VMP-12-39-081213	8/12/2013	210			<14	U		<11	U		<11	U		<11	U		<9	U		<7.4	U		<7.4	U	
		VMP-12-39-111413	11/14/2013	96			<34	U		<26	U		<26	U		<26	U		<22	U		<18	U		<18	U	
		VMP-12-39-022814	2/28/2014	48			<4.6	U		<3.6	U		<3.6	U		<3.6	U		<3	U		<2.4	U		<2.4	U	
		VMP-12-39-050214	5/2/2014	22			<5	U		<3.9	U		<3.9	U		<3.9	U		<3.2	U		<2.6	U		<2.6	U	
		VMP-12-39-081514	8/15/2014	17			<12	U		<9.4	U		<9.4	U		<9.4	U		<7.7	U		<6.3	U		<6.3	U	
		VMP-12-39-081514-Dup	8/15/2014	19			<10	U		<8.1	U		<8.1	U		<8.1	U		<6.7	U		<5.5	U		<5.5	U	
		VMP-12-39-110714	11/7/2014	<2.3	U		<5.2	U		<4	U		<4	U		<4	U		<3.3	U		<2.7	U		<2.7	U	
		VMP-12-39-021115	2/11/2015	13			<2.6	U		<2	U		<2	U		<2	U		<1.6	U		<1.3	U		<1.3	U	
		VMP-12-39-050715	5/7/2015	<2.5	U		<5.6	U		<4.4	U		<4.4	U		<4.4	U		<3.6	U		<3	U		<3	U	
		VMP-12-39-050715-DUP	5/7/2015	<2.3	U		<5.2	U		<4.1	U		<4.1	U		<4.1	U		<3.4	U		<2.8	U		<2.8	U	
		VMP-12-39-061515-Dup-R	6/15/2015	3.3		J	<0.096	U		<0.075	U		<0.075	U		<0.075	U		<0.062	U		<0.05	U		<0.05	U	UJ
		VMP-12-39-061515-R	6/15/2015	3.3			<0.11	U		<0.086	U		<0.086	U		<0.086	U		<0.071	U		<0.058	U		0.17		J
		VMP-12-39-073115	7/31/2015	35			<2.3	U		<1.8	U		<1.8	U		<1.8	U		<1.5	U		<1.2	U		<1.2	U	
		VMP-12-39-073115-DUP	7/31/2015	29			<6.3	U		<4.9	U		<4.9	U		<4.9	U		<4	U		<3.3	U		<3.3	U	
		VMP-12-39-110415	11/4/2015	20			<3.9	U		<3.1	U		<3.1	U		<3.1	U		<2.5	U		<2.1	U		<2.1	U	
		VMP-12-39-020316	2/3/2016	36			<29	U		<22	U		<22	U		<22	U		<18	U		<15	U		<15	U	
		VMP-12-39-050416	5/4/2016	73			<9.9	U		<7.7	U		<7.7	U		<7.7	U		<6.4	U		<5.2	U		<5.2	U	
		VMP-12-39-080316	8/3/2016	70			<8.6	U		<6.7	U		<6.7	U		<6.7	U		<5.5	U		<4.5	U		1	J	
		VMP-12-39-110316	11/3/2016	<10	U		<22	U		<17	U		<17	U		<17	U		<14	U		<12	U		<12	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<8.3	U		<18	U		<14	U		<14	U		<14	U		<12	U		<9.8	U		<9.8	U	
		VMP 13-5-091310	9/13/2010	0.014	J		<0.068	U		<0.053	U		<0.053	U		<0.053	U		<0.044	U		<0.036	U		<0.036	U	
		VMP-13-5-120110	12/1/2010	0.031			<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0032	J		<0.0047	U		<0.0047	U	
		VMP-13-5-021811	2/18/2011	0.003	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-13-5-040511	4/5/2011	0.0021	J		<0.021	U		<0.016	J	U	<0.016	U		<0.016	J	U	<0.014	U		<0.011	U		<0.011	U	
		VMP-13-5-080911	8/9/2011	0.0068	J		<0.023	U		<0.018	U		<0.018	J	U	<0.018	J	U	0.0027	J		<0.012	U		<0.012	U	
		VMP-13-5-080911-DUP	8/9/2011	0.0048	J		<0.02	U		<0.016	U		<0.016	U		<0.016	U		0.003	J		<0.011	U		<0.011	U	
		VMP-13-5-111411	11/14/2011	<0.0032	U		<0.0071	U		<0.0055	U		<0.0055	U		<0.0055	U		0.002	J		<0.0037	U		<0.0037	U	
		VMP-13-5-012712	1/27/2012	0.081		J	<0.06	U		<0.046	U		<0.046	U		<0.046	U		<0.038	U		<0.031	U		<0.031	U	
		VMP-13-5-042012	4/20/2012	<0.0031	U		<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	J	U	0.0028	J		<0.0036	U		<0.0036	U	
		VMP-13-5-071912	7/19/2012	0.0028	J		<0.0072	J	U	<0.0056	U		<0.0056	U		<0.0056	J	U	0.0028	J		<0.0038	U		0.0011	J	
		VMP-13-5-071912-Dup	7/19/2012	0.0025	J		<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	U		0.0032	J		<0.0038	U		0.0008	J	
		VMP-13-5-100912	10/9/2012	0.0014	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	J	U	0.0025	J		<0.0058	U		<0.0058	U	
		VMP-13-5-012913	1/29/2013	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0034	J		<0.0063	U		<0.0063	U	
		VMP-13-5-050113	5/1/2013	0.0093			<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0028	J		<0.0055	U		<0.0055	U	
		VMP-13-5-073113	7/31/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0059	U		<0.0059	U	
		VMP-13-5-111513	11/15/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-13-5-022114	2/21/2014	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0021	J		<0.0044	U		<0.0044	U	
		VMP-13-5-050114	5/1/2014	0.0053			<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-13-5-080814	8/8/2014	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0035	J		<0.0049	U		<0.0049	U	
		VMP-13-5-103014	10/30/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0031	J		<0.0053	U		<0.0053	U	
		VMP-13-5-020515	2/5/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0025	J		<0.0055	U		<0.0055	U	
		VMP-13-5-043015	4/30/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-13-5-072715	7/27/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-13-5-110215	11/2/2015	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0018	J		<0.0046	U		<0.0046	U	
		VMP-13-5-012616	1/26/2016	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.004	J		<0.0047	U		<0.0047	U	
		VMP-13-5-050316	5/3/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-13-5-072916	7/29/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.002	J		<0.0057	U		<0.0057	U	
		VMP-13-5-110216	11/2/2016	0.00096	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0029	J		<0.0051	U		<0.0051	U	
	10.5 ft	VMP-13-10.5	11/17/2009	<1	U		<2.3	U		<1.8	U		<1.8	U		<1.8	U		<1.5	U		<1.2	U		<1.2	U	
		VMP-13-10.5-D	11/17/2009	<1.1	U		<2.4	U		<1.8	U		<1.8	U		<1.8	U		<1.5	U		<1.2	U		<1.2	U	
		VMP 13-10.5-091310	9/13/2010	0.014			<0.025	U		<0.02	U		<0.02	U		<0.02	U		0.0032	J		<0.013	U		<0.013	U	
		VMP 13-10.5-091310-Dup	9/13/2010	0.015			<0.024	U		<0.019	U		<0.019	U		<0.019	U		0.0034	J		<0.013	U		<0.013	U	
		VMP-13-10.5-120110	12/1/2010	0.0029	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0052	U		<0.0052	U	
		VMP-13-10.5-120110-DUP	12/1/2010	0.0048			<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0032	J		<0.0055	U		<0.0055	U	
		VMP-13-10.5-021811	2/18/2011	0.78	J		<4.1	U		<3.2	U		<3.2	U		<3.2	U		<2.6	U		<2.2	U		<2.2	U	
		VMP-13-10.5-021811-DUP	2/18/2011	0.9	J		<4	U		<3.1	U		<3.1	U		<3.1	U		<2.5	U		<2.1	U		<2.1	U	
		VMP-13-10.5-040511-DUP	4/5/2011	0.0039	J		<0.011	J	U	<0.0083	U		<0.0083	U		<0.0083	J	U	0.0021	J		<0.0056	U		<0.0056	U	
		VMP-13-10.5-080911	8/9/2011	<0.1	U		<0.23	U		<0.18	U		<0.18	U		<0.18	U		<0.15	U		<0.12	U		<0.12	U	
		VMP-13-10.5-111411	11/14/2011	<0.003	U		<0.0068	U		<0.0053	U		<0.0053	U		<0.0053	U		0.002	J		<0.0036	U		<0.0036	U	
		VMP-13-10.5-012712	1/26/2012	0.029			<0.019	U		<0.015	U		<0.015	U		<0.015	U		0.0024	J		<0.0099	U		<0.0099	U	
		VMP-13-10.5-012712-DUP	1/26/2012	0.043			<0.027	U		<0.021	U		<0.021	U		<0.021	U		<0.017	U		<0.014	U		<0.014	U	
		VMP-13-10.5-042012	4/20/2012	0.0013	J		0.0015	J		<0.0053	U		<0.0053	U		<0.0053	J	U	0.003	J		<0.0035	U		<0.0035	J	U
		VMP-13-10.5-071912	7/19/2012	0.0048			<0.0072	J	U	<0.0056	U		0.0082			<0.0056	U		0.0031	J		<0.0038	U		<0.0038	U	
		VMP-13-10.5-100912	10/9/2012	0.003	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-13-10.5-100912-Dup	10/9/2012	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.002	J		<0.006	U		<0.006	U	
		VMP-13-10.5-013013	1/30/2013	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U	
		VMP-13-10.5-050113	5/1/2013	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-13-10.5-073113	7/31/2013	<0.003	U		<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0017	J		<0.0035	U		<0.0035	U	
		VMP-13-10.5-092013	9/20/2013	<0.005	U		0.0048	J		<0.0088	J	U	0.0042	J		0.0051	J		0.0024	J		<0.006	U		0.0016	J	
		VMP-13-10.5-111513	11/15/2013	0.0022	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0021	J		<0.0057	U		<0.0057	U	
		VMP-13-10.5-111513-Dup	11/15/2013	0.0042	J		<0.0097	U		<0.0076	U		<0.0076	U		0.0012	J		0.0023	J		<0.0051	U		<0.0051	U	
		VMP-13-10.5-022114	2/21/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-13-10.5-050114	5/1/2014	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0022	J		<0.0044	U		<0.0044	U	
		VMP-13-10.5-080814	8/8/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0033	J		<0.0055	U		<0.0055	U	
		VMP-13-10.5-103014	10/30/2014	0.0016	J		0.0053	J		0.0047	J		0.0041	J		0.005	J		0.0032	J		0.0037	J		0.0031	J	
		VMP-13-10.5-020515	2/5/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0034	J		<0.0053	U		<0.0053	U	
		VMP-13-10.5-043015	4/30/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-13-10.5-072715	7/27/2015	0.0024	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-13-10.5-110215	11/2/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0029	J		<0.0048	U		<0.0048	U	
		VMP-13-10.5-012616	1/26/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0038	J		<0.0051	U		<0.0051	U	
		VMP-13-10.5-050316	5/3/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U	
		VMP-13-10.5-072916	7/29/2016	0.0026	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0041	J		<0.0058	U		<0.0058	U	
		VMP-13-10.5-110216	11/2/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0058	U		<0.0058	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	21.5 ft	VMP-13-21.5	11/17/2009	<52	U		<120	U		<91	U		<91	U		<91	U		<75	U		<62	U		<62	U	
		VMP 13-21.5-091310	9/13/2010	2.5	J		<18	U		<14	U		<14	U		<14	U		<12	U		<9.8	U		<9.8	U	
		VMP-13-21.5-120110	12/1/2010	<16	U		<36	U		<28	U		<28	U		<28	U		<23	U		<19	U		<19	U	
		VMP-13-21.5-021811	2/18/2011	0.7	J		<5.4	U		<4.2	U		<4.2	U		<4.2	U		<3.5	U		<2.8	U		<2.8	U	
		VMP-13-21.5-040511	4/5/2011	1	J		<7.8	U		<6.1	U		<6.1	U		<6.1	U		<5	U		<4.1	U		<4.1	U	
		VMP-13-21.5-080911	8/9/2011	<0.43	U		<0.97	U		<0.76	U		<0.76	U		<0.76	U		<0.62	U		<0.51	U		<0.51	U	
		VMP-13-21.5-111411	11/14/2011	0.67	J		<4.4	U		<3.4	U		0.56	J		0.77	J		<2.8	U		<2.3	U		1.4	J	
		VMP-13-21.5-111411-DUP	11/14/2011	0.95	J		<4.4	U		<3.4	U		<3.4	U		0.71	J		<2.8	U		<2.3	U		1.6	J	
		VMP-13-21.5-012712	1/27/2012	0.9		J	<1	U		<0.8	U		<0.8	U		<0.8	U		<0.66	U		<0.54	U		<0.54	U	
		VMP-13-21.5-042012	4/20/2012	0.18			<0.11	U		<0.09	U		<0.09	U		0.014	J		<0.074	U		<0.06	U		<0.06	U	
		VMP-13-21.5-071912	7/19/2012	0.0053			<0.0072	J	U	<0.0056	U		0.0067			<0.0056	U		0.0025	J		<0.0038	U		<0.0038	U	
		VMP-13-21.5-100912	10/9/2012	0.0028	J		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0025	J		<0.0061	U		<0.0061	U	
		VMP-13-21.5-013013	1/30/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	J	U	<0.0089	J	U	0.0022	J		<0.006	U		<0.006	U	
		VMP-13-21.5-050113	5/1/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0029	J		<0.006	U		<0.006	U	
		VMP-13-21.5-073113	7/31/2013	0.0019	J		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0029	J		<0.006	U		<0.006	U	
		VMP-13-21.5-102813	10/28/2013	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0067	U		<0.0055	U		<0.0055	U	
		VMP-13-21.5-102813-Dup	10/28/2013	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U	
		VMP-13-21.5-022114	2/21/2014	0.24			<0.2	U		<0.15	U		<0.15	U		<0.15	U		<0.13	U		<0.1	U		<0.1	U	
		VMP-13-21.5-050114	5/1/2014	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0021	J		<0.0043	U		<0.0043	U	
		VMP-13-21.5-080814	8/8/2014	0.035			<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0031	J		<0.0053	U		<0.0053	U	
		VMP-13-21.5-103014	10/30/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0027	J		<0.0049	U		<0.0049	U	
		VMP-13-21.5-020515	2/5/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.003	J		<0.0057	U		<0.0057	U	
		VMP-13-21.5-043015	4/30/2015	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0021	J		<0.0062	U		<0.0062	U	
		VMP-13-21.5-072715	7/27/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0025	J		<0.0059	U		<0.0059	U	
		VMP-13-21.5-112515	11/25/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0037	J		<0.005	U		<0.005	U	
		VMP-13-21.5-012616	1/26/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0038	J		<0.0051	U		<0.0051	U	
		VMP-13-21.5-050316	5/3/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		<0.0072	U		<0.0059	U		<0.0059	U	
		VMP-13-21.5-050316-DUP	5/3/2016	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U	
		VMP-13-21.5-072916	7/29/2016	0.0012	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.003	J		<0.0058	U		<0.0058	U	
		VMP-13-21.5-110216	11/2/2016	0.0033	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U	
	29.5 ft	VMP-13-29.5	11/17/2009	<100	U		<230	U		<180	U		<180	U		<180	U		<150	U		<120	U		<120	U	
		VMP-13-29.5-021811	2/18/2011	<74	U		<160	U		<130	U		<130	U		<130	U		<110	U		<87	U		<87	U	
		VMP-13-29.5-040511	4/5/2011	<48	U		<110	U		<84	U		<84	U		<84	U		<69	U		<57	U		<57	U	
		VMP-13-29.5-013012	1/30/2012	4		J	<3.3	U		<2.6	U		<2.6	U		<2.6	U		<2.1	U		<1.7	U		<1.7	U	
		VMP-13-29.5-042012	4/20/2012	2.6			<4.3	U		<3.4	U		<3.4	U		<3.4	U		<2.8	U		<2.3	U		<2.3	U	
		VMP-13-29.5-071912	7/19/2012	<5.5	U		<12	U		<9.7	U		<9.7	U		<9.7	U		<8	U		<6.5	U		<6.5	U	
		VMP-13-29.5-100912	10/9/2012	2.2	J		<12	U		<9.1	U		<9.1	U		<9.1	U		<7.5	U		<6.1	U		<6.1	U	
		VMP-13-29.5-013013	1/30/2013	<2.2	U		<4.9	U		<3.8	U		<3.8	U		<3.8	U		<3.2	U		<2.6	U		<2.6	U	
		VMP-13-29.5-050113	5/1/2013	<0.14	U		<0.32	U		<0.25	U		0.034	J		0.044	J		<0.21	U		<0.17	U		<0.17	U	
		VMP-13-29.5-073113	7/31/2013	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0026	J		<0.0061	U		<0.0061	U	
		VMP-13-29.5-102813	10/28/2013	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0067	U		<0.0055	U		<0.0055	U	
		VMP-13-29.5-022114	2/21/2014	0.14			<0.1	U		<0.078	U		<0.078	U		<0.078	U		<0.064	U		<0.053	U		<0.053	U	
		VMP-13-29.5-022114-Dup	2/21/2014	0.14			<0.095	U		<0.074	U		<0.074	U		<0.074	U		<0.061	U		<0.05	U		<0.05	U	
		VMP-13-29.5-050114	5/1/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0021	J		<0.0049	U		<0.0049	U	
		VMP-13-29.5-080814	8/8/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0034	J		<0.0053	U		<0.0053	U	
		VMP-13-29.5-103014	10/30/2014	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0023	J		0.0013	J		<0.0048	U	
		VMP-13-29.5-020515	2/5/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
		VMP-13-29.5-043015	4/30/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0022	J		<0.0059	U		<0.0059	U	
		VMP-13-29.5-072715	7/27/2015	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0029	J		<0.0062	U		<0.0062	U	
		VMP-13-29.5-072715-DUP	7/27/2015	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0021	J		<0.0062	U		<0.0062	U	
		VMP-13-29.5-110215	11/2/2015	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0032	J		<0.0043	U		<0.0043	U	
		VMP-13-29.5-110215-DUP	11/2/2015	<0.0039	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0027	J		<0.0046	U		<0.0046	U	
		VMP-13-29.5-012616	1/26/2016	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.004	J		<0.0047	U		<0.0047	U	
		VMP-13-29.5-050316	5/3/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0019	J		<0.0053	U		<0.0053	U	
		VMP-13-29.5-082616-R	8/29/2016	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0028	J		<0.0045	U		<0.0045	U	
		VMP-13-29.5-110216	11/2/2016	0.0011	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-13-29.5-110216-Dup	11/2/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5	11/20/2009	<0.008	U		<0.02	U		<0.016	U		<0.016	U		<0.016	U		<0.013	U		<0.01	U		<0.01	U	
		VMP 14-5-091010	9/10/2010	0.85			<0.48	U		<0.37	U		<0.37	U		<0.37	U		<0.31	U		<0.25	U		<0.25	U	
		VMP-14-5-120110	12/1/2010	0.001	J		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.0048	U	
		VMP-14-5-021711	2/17/2011	0.069			<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U	
		VMP-14-5-040511	4/5/2011	0.0013	J		<0.01	U		<0.0081	J	U	<0.0081	J	U	<0.0081	J	U	0.0023	J		<0.0054	U		<0.0054	U	
		VMP-14-5-080811	8/8/2011	91			<11	U		<8.4	U		<8.4	U		<8.4	U		<6.9	U		<5.7	U		<5.7	U	
		VMP-14-5-111411	11/14/2011	<0.012	U		<0.027	U		<0.021	U		<0.021	U		<0.021	U		<0.017	U		<0.014	U		<0.014	U	
		VMP-14-5-042012	4/20/2012	0.008			<0.0066	U		0.0012	J		0.0014	J		<0.0051	J	U	0.0025	J		<0.0035	U		0.00037	J	
		VMP-14-5-072312	7/23/2012	<0.0035	U		<0.0079	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0028	J		<0.0042	U		<0.0042	U	
		VMP-14-5-101012	10/10/2012	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-14-5-013113	1/31/2013	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	J	U	<0.0081	J	U	0.0024	J		<0.0054	U		<0.0054	U	
		VMP-14-5-050113	5/1/2013	0.014			<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0031	J		<0.0062	U		<0.0062	U	
		VMP-14-5-111113	11/11/2013	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U	
		VMP-14-5-022614	2/26/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	J	U	<0.0054	U		<0.0054	U	
		VMP-14-5-050114	5/1/2014	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0029	J		0.0007	J		0.00087	J	
		VMP-14-5-081114	8/11/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-14-5-103014	10/30/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-14-5-020615	2/6/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0029	J		<0.0054	U		<0.0054	U	
		VMP-14-5-043015	4/30/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-14-5-072915	7/29/2015	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-14-5-110215	11/2/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-14-5-012616	1/26/2016	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0025	J		<0.0055	U		<0.0055	U	
		VMP-14-5-050316	5/3/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		<0.007	U		<0.0058	U		<0.0058	U	
		VMP14-5-072916	7/29/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U	
		VMP-14-5-110216	11/2/2016	0.0027	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0056	U		<0.0056	U	
	11.5 ft	VMP-14-11.5	11/16/2009	180			<2.4	U		<1.8	U		<1.8	U		<1.8	U		<1.5	U		<1.2	U		<1.2	U	
		VMP 14-11.5-091010	9/10/2010	140			<7.3	U		<5.7	U		<5.7	U		<5.7	U		<4.7	U		<3.9	U		<3.9	U	
		VMP-14-11.5-120110	12/2/2010	3.6			<0.64	U		<0.5	U		<0.5	U		<0.5	U		<0.42	U		<0.34	U		<0.34	U	
		VMP-14-11.5-120110-DUP	12/2/2010	3.7			<0.58	U		<0.46	U		<0.46	U		<0.46	U		<0.38	U		<0.31	U		<0.31	U	
		VMP-14-11.5-021711	2/17/2011	2.7			<0.21	U		<0.16	U		<0.16	U		<0.16	U		<0.14	U		<0.11	U		<0.11	U	
		VMP-14-11.5-021711-DUP	2/17/2011	3			<0.21	U		<0.16	U		<0.16	U		<0.16	U		<0.14	U		<0.11	U		<0.11	U	
		VMP-14-11.5-040511	4/5/2011	1.2			<0.034	U		<0.027	U		<0.027	U		<0.027	U		<0.022	U		<0.018	U		<0.018	U	
		VMP-14-11.5-080811	8/8/2011	1.6			<1.1	U		<0.84	U		<0.84	U		<0.84	U		<0.69	U		<0.56	U		<0.56	U	
		VMP-14-11.5-111511	11/15/2011	12			<1.6	U		<1.3	U		0.21	J		0.31	J		<1.1	U		<0.87	U		0.89		
		VMP-14-11.5-012612	1/26/2012	22			<6.8	U		<5.3	U		<5.3	U		<5.3	U		<4.4	U		<3.6	U		<3.6	U	
		VMP-14-11.5-042312	4/23/2012	0.0056			<0.007	U		<0.0055	U		<0.0055	U		<0.0055	J	U	0.0023	J		<0.0037	U		0.00076	J	
		VMP-14-11.5-042312-Dup	4/23/2012	0.0053			<0.007	U		<0.0055	U		<0.0055	U		<0.0055	J	U	0.0014	J		<0.0037	U		<0.0037	U	
		VMP-14-11.5-072512	7/25/2012	1.8			<2.5	U		<1.9	U		<1.9	U		<1.9	U		<1.6	U		<1.3	U		<1.3	U	
		VMP-14-11.5-101012	10/10/2012	0.0029	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-14-11.5-013113	1/31/2013	<0.0044	U		<0.0099	U		<0.0078	J	U	<0.0078	J	U	<0.0078	J	U	0.0028	J		<0.0052	U		<0.0052	U	
		VMP-14-11.5-050113	5/1/2013	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-14-11.5-080113	8/1/2013	<0.0056	U		<0.012	U		<0.0098	J	U	<0.0098	U		<0.0098	J	U	0.0018	J		<0.0066	U		<0.0066	U	
		VMP-14-11.5-111113	11/11/2013	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U	
		VMP-14-11.5-022614	2/26/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		<0.0062	J	U	<0.005	U		<0.005	U	
		VMP-14-11.5-050114	5/1/2014	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U	
		VMP-14-11.5-081114	8/11/2014	0.0018	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0053	U		<0.0053	U	
		VMP-14-11.5-103014	10/30/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-14-11.5-020615	2/6/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0032	J		<0.005	U		<0.005	U	
		VMP-14-11.5-043015	4/30/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0021	J		<0.0061	U		<0.0061	U	
		VMP-14-11.5-072915	7/29/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0022	J		<0.006	U		<0.0059	U	
		VMP-14-11.5-110215	11/2/2015	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U	
		VMP-14-11.5-012616	1/26/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0017	J		<0.005	U		<0.005	U	
		VMP-14-11.5-050316	5/3/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U	
		VMP-14-11.5-072916	7/29/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0025	J		<0.006	U		<0.006	U	
		VMP-14-11.5-110216	11/2/2016	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0026	J		<0.0058	U		<0.0058	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	20 ft	VMP-14-20	11/16/2009	160			<91	U		<72	U		<72	U		<72	U		<59	U		<48	U		<48	U	
		VMP 14-20-091010	9/10/2010	250			<110	U		<87	U		<87	U		<87	U		<72	U		<59	U		<59	U	
		VMP 14-20-091010-Dup	9/10/2010	240			<120	U		<91	U		<91	U		<91	U		<75	U		<61	U		<61	U	
		VMP-14-20-120110	12/2/2010	310			<300	U		<240	U		<240	U		<240	U		<190	U		<160	U		<160	U	
		VMP-14-20-021811	2/18/2011	160			<170	U		<130	U		<130	U		<130	U		<110	U		<90	U		<90	U	
		VMP-14-20-040511	4/5/2011	150			<73	U		<57	U		<57	U		<57	U		<47	U		<38	U		<38	U	
		VMP-14-20-080811	8/8/2011	<12	U		<26	U		<21	U		<21	U		<21	U		<17	U		<14	U		<14	U	
		VMP-14-20-111511	11/15/2011	240			<140	U		<110	U		<110	U		<110	U		<88	U		<72	U		<72	U	
		VMP-14-20-012612	1/26/2012	230		J	<13	U		<10	U		<10	U		<10	U		<8.6	U		<7.1	U		<7.1	U	
		VMP-14-20-042312	4/23/2012	240			<7.3	U		<5.7	U		<5.7	U		<5.7	U		<4.7	U		<3.9	U		<3.9	U	
		VMP-14-20-072512	7/25/2012	180			<12	U		<9.2	U		<9.2	U		<9.2	U		<7.5	U		<6.2	U		<6.2	U	
		VMP-14-20-101612	10/16/2012	150			<54	U		<42	U		<42	U		<42	U		<35	U		<28	U		<28	U	
		VMP-14-20-013113	1/31/2013	150			<19	U		<15	U		2.9	J		3.2	J		<12	U		<10	U		<10	U	
		VMP-14-20-050113	5/1/2013	0.73		J	<0.12	U		<0.091	U		<0.091	U		<0.091	U		<0.075	U		<0.062	U		<0.062	U	
		VMP-14-20-050113-Dup	5/1/2013	2.1		J	<0.47	U		<0.37	U		<0.37	U		<0.37	U		<0.3	U		<0.25	U		<0.25	U	
		VMP-14-20-080113	8/1/2013	0.53			<0.12	U		<0.093	U		<0.093	U		<0.093	U		<0.077	U		<0.063	U		<0.063	U	
		VMP-14-20-111113	11/11/2013	2.7			<0.1	U		<0.081	U		<0.081	U		<0.081	U		<0.067	U		<0.055	U		<0.055	U	
		VMP-14-20-022614	2/26/2014	0.0028	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	J	U	<0.0049	U		<0.0049	U	
		VMP-14-20-050114	5/1/2014	0.0033	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		0.0011	J	
		VMP-14-20-081114	8/11/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-14-20-103014	10/30/2014	0.04			<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-14-20-020615	2/6/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0031	J		<0.0055	U		<0.0055	U	
		VMP-14-20-043015	4/30/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-14-20-072915	7/29/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-14-20-110215	11/2/2015	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-14-20-012616	1/26/2016	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U	
		VMP-14-20-050416	5/4/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0017	J		<0.0055	U		<0.0055	U	
		VMP-14-20-072916	7/29/2016	<0.0054	U		<0.012	U		<0.0094	U		<0.0094	U		<0.0094	U		<0.0078	U		<0.0064	U		<0.0064	U	
	29 ft	VMP-14-29	11/16/2009	350			<360	U		<280	U		<280	U		<280	U		<230	U		<190	U		<190	U	
		VMP-14-29-021811	2/18/2011	180			<250	U		<190	U		<190	U		<190	U		<160	U		<130	U		<130	U	
		VMP-14-29-040511	4/5/2011	250			<210	U		<160	U		<160	U		<160	U		<140	U		<110	U		<110	U	
		VMP-14-29-012612	1/26/2012	250			<240	U		<190	U		<190	U		<190	U		<160	U		<130	U		<130	U	
		VMP-14-29-042312	4/23/2012	220			<86	U		<67	U		<67	U		<67	U		<55	U		<45	U		<45	U	
		VMP-14-29-072512	7/25/2012	210			<90	U		<71	U		<71	U		<71	U		<58	U		<48	U		<48	U	
		VMP-14-29-101612	10/16/2012	140			<140	U		<100	U		<100	U		<100	U		<87	U		<71	U		<71	U	
		VMP-14-29-013113-DUP	1/31/2013	150		J	<180	U		<140	U		<140	U		<140	U		<120	U		<96	U		<96	U	
		VMP-14-29-013113	1/31/2013	480		J	<76	U		<59	U		<59	U		<59	U		<49	U		<40	U		<40	U	
		VMP-14-29-050213	5/2/2013	340			<76	U		<60	U		<60	U		<60	U		<49	U		<40	U		<40	U	
		VMP-14-29-080113	8/1/2013	470			<57	U		<44	U		<44	U		<44	U		<36	U		<30	U		<30	U	
		VMP-14-29-111113	11/11/2013	41			<1.6	U		<1.3	U		<1.3	U		<1.3	U		<1.1	U		<0.87	U		<0.87	U	
		VMP-14-29-022614	2/26/2014	29			<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.1	U		<0.93	U		<0.93	U	
		VMP-14-29-022614-Dup	2/26/2014	33			<0.95	U		<0.74	U		<0.74	U		<0.74	U		<0.61	U		<0.5	U		<0.5	U	
		VMP-14-29-050114	5/1/2014	4.8			<0.11	U		<0.09	U		<0.09	U		<0.09	U		<0.074	U		<0.06	U		<0.06	U	
		VMP-14-29-050114-Dup	5/1/2014	4.7			<0.11	U		<0.089	U		<0.089	U		<0.089	U		<0.073	U		<0.06	U		<0.06	U	
		VMP-14-29-081114	8/11/2014	0.0019	J	J	<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0036	J	J	<0.0056	U		<0.0056	U	
		VMP-14-29-081114-DUP	8/11/2014	0.0019	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0025	J		<0.0058	U		<0.0058	U	
		VMP-14-29-103014	10/30/2014	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U	
		VMP-14-29-020615	2/6/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0031	J		<0.0054	U		<0.0054	U	
		VMP-14-29-043015	4/30/2015	0.0026	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-14-29-043015-DUP	4/30/2015	0.0016	J		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0024	J		<0.0043	U		<0.0043	U	
		VMP-14-29-072915	7/29/2015	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0024	J		<0.006	U		<0.006	U	
		VMP-14-29-110215	11/2/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.003	J		<0.0052	U		<0.0052	U	
		VMP-14-29-012616	1/26/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0016	J		<0.0051	U		<0.0051	U	
		VMP-14-29-012616-DUP	1/26/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0017	J		<0.005	U		<0.005	U	
		VMP-14-29-050316	5/3/2016	0.0017	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0034	J		<0.0058	U		<0.0058	U	
		VMP-14-29-072916	7/29/2016	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-14-29-072916-DUP	7/29/2016	0.00068	J		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0028	J		<0.0046	U		<0.0046	U	
		VMP-14-29-110216	11/2/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	5 ft	VMP-15-5	11/18/2009	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.006	U		<0.005	U		<0.005	U	
		VMP-15-5-D	11/18/2009	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.006	U		<0.005	U		<0.005	U	
		VMP 15-5-091410	9/14/2010	0.0048			<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U	
		VMP-15-5-113010	11/30/2010	8.6			<0.23	U		<0.18	U		<0.18	U		<0.18	U		<0.15	U		<0.12	U		<0.12	U	
		VMP-15-5-021611	2/16/2011	0.29			<0.22	U		<0.17	U		<0.17	U		<0.17	U		<0.14	U		<0.11	U		<0.11	U	
		VMP-15-5-042011	4/20/2011	3.2			<0.51	U		<0.4	U		<0.4	U		<0.4	U		<0.33	U		<0.27	U		<0.27	U	
		VMP-15-5-080811	8/8/2011	<0.0051	U		<0.011	J	U	<0.0089	J	U	<0.0089	J	U	<0.0089	J	U	0.0026	J		<0.006	U		<0.006	J	U
		VMP-15-5-111511	11/15/2011	0.031			<0.013	U		<0.01	U		<0.01	U		<0.01	U		<0.0082	U		<0.0067	U		<0.0067	U	
		VMP-15-5-020112	2/1/2012	<0.029	U		<0.066	U		<0.051	U		<0.051	U		<0.051	U		<0.042	U		<0.035	U		<0.035	U	
		VMP-15-5-042412	4/24/2012	<0.03	U		<0.067	U		<0.053	U		<0.053	U		<0.053	U		<0.043	U		<0.035	U		<0.035	U	
		VMP-15-5-072512	7/25/2012	0.00085	J		<0.0076	U		<0.0059	U		<0.0059	J	U	<0.0059	J	U	0.0029	J		<0.004	U		<0.004	U	
		VMP-15-5-102512	10/25/2012	0.0018	J		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	J	U	0.0024	J		<0.006	U		<0.006	U	
		VMP-15-5-020513	2/5/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.002	J		<0.0058	U		<0.0058	U	
		VMP-15-5-050913	5/9/2013	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		<0.0078	U		<0.0064	U		<0.0064	U	
		VMP-15-5-080813	8/8/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	J	U	0.0025	J		<0.006	UJ	UJ	<0.006	U	
		VMP-15-5-111113	11/11/2013	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U	
		VMP-15-5-022714	2/27/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-15-5-050514	5/5/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0029	J		<0.0056	U		<0.0056	U	
		VMP-15-5-081414	8/14/2014	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0022	J		<0.0059	U		<0.0059	U	
		VMP-15-5-110614	11/6/2014	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.002	J		<0.0052	U		<0.0052	U	
		VMP-15-5-020615	2/6/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0019	J		<0.0052	U		<0.0052	U	
		VMP-15-5-050415	5/4/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0028	J		<0.0049	U		<0.0049	U	
		VMP-15-5-072915	7/29/2015	0.0027	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0041	J		<0.0057	U		<0.0057	U	
		VMP-15-5-110415	11/4/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0026	J		<0.0055	U		<0.0055	U	
		VMP-15-5-020316	2/3/2016	<0.0089	U		<0.02	U		<0.016	U		<0.016	U		<0.016	U		0.0031	J		<0.01	U		<0.01	U	
		VMP-15-5-050316	5/3/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-15-5-080216	8/2/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0028	J		<0.0055	U		<0.0055	U	
		VMP-15-5-110116	11/1/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U		<0.0054	U	
	21.5 ft	VMP-15-21.5	11/18/2009	460			<4.4	U		<3.4	U		<3.4	U		<3.4	U		<2.8	U		<2.3	U		<2.3	U	
		VMP 15-21.5-091410	9/14/2010	4			<1	U		<0.82	U		<0.82	U		<0.82	U		<0.68	U		<0.55	U		<0.55	U	
		VMP-15-21.5-113010	11/30/2010	6			<1.2	U		<0.96	U		<0.96	U		<0.96	U		<0.79	U		<0.65	U		<0.65	U	
		VMP-15-21.5-021611	2/16/2011	2.4			<0.86	U		<0.67	U		<0.67	U		<0.67	U		<0.55	U		<0.45	U		<0.45	U	
		VMP-15-21.5-042011	4/20/2011	6			<1.4	U		<1	U		<1	U		<1	U		<0.87	U		<0.71	U		<0.71	U	
		VMP-15-21.5-080811	8/8/2011	<0.48	U		<1.1	U		<0.85	U		<0.85	U		<0.85	U		<0.7	U		<0.57	U		<0.57	U	
		VMP-15-21.5-111511	11/15/2011	2.3			<0.86	U		<0.68	U		<0.68	U		<0.68	U		<0.56	U	UJ	<0.46	U		<0.46	U	
		VMP-15-21.5-020112	2/1/2012	<0.29	U		<0.64	U		<0.5	U		<0.5	U		<0.5	U		<0.42	U		<0.34	U		<0.34	U	
		VMP-15-21.5-042412	4/24/2012	<0.12	U		<0.28	U		<0.22	U		<0.22	U		<0.22	U		<0.18	U		<0.15	U		<0.15	U	
		VMP-15-21.5-072512	7/25/2012	0.53			<1	U		<0.8	U		<0.8	U		<0.8	U		<0.66	U		<0.54	U		<0.54	U	
		VMP-15-21.5-102512	10/25/2012	0.25	J		<1.7	U		<1.3	U		<1.3	U		<1.3	U		<1.1	U		<0.88	U		<0.88	U	
		VMP-15-21.5-102512-Dup	10/25/2012	0.16	J		<1.7	U		<1.3	U		<1.3	U		<1.3	U		<1.1	U		<0.9	U		<0.9	U	
		VMP-15-21.5-020713	2/7/2013	0.093			<0.042	U		<0.033	U		<0.033	U		<0.033	U		<0.027	U		<0.022	U		<0.022	U	
		VMP-15-21.5-051513	5/15/2013	3.9			<0.95	U		<0.74	U		<0.74	U		<0.74	U		<0.61	U		<0.5	U		<0.5	U	
		VMP-15-21.5-080813	8/8/2013	<0.095	U		<0.21	U		<0.17	U		<0.17	U		<0.17	U		<0.14	U		<0.11	U		<0.11	U	
		VMP-15-21.5-111113	11/11/2013	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-15-21.5-111113-Dup	11/11/2013	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		<0.0064	U		<0.0052	U		<0.0052	U	
		VMP-15-21.5-022714	2/27/2014	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0019	J		<0.0048	U		<0.0048	U	
		VMP-15-21.5-050514	5/5/2014	0.014			<0.0084	U		<0.0066	J	U	0.0038	J		<0.0066	U		0.0025	J		<0.0044	U		<0.0044	U	
		VMP-15-21.5-081414	8/14/2014	<0.051	U		<0.11	U		<0.089	U		<0.089	U		<0.089	U		<0.073	U	UJ	<0.06	U		<0.06	U	
		VMP-15-21.5-110614	11/6/2014	<0.014	U		<0.031	U		<0.024	U		<0.024	U		<0.024	U		<0.02	U		<0.016	U		<0.016	U	
		VMP-15-21.5-020615	2/6/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0058	U		<0.0058	U	
		VMP-15-21.5-050415	5/4/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0021	J		<0.005	U		<0.005	U	
		VMP-15-21.5-072915	7/29/2015	<0.054	U		<0.12	U		<0.095	U		<0.095	U		<0.095	U		<0.078	U		<0.064	U		<0.064	U	
		VMP-15-21.5-110415	11/4/2015	0.0012	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-15-21.5-020316	2/3/2016	<0.06	U		<0.13	U		<0.1	U		<0.1	U		<0.1	U		<0.087	U		<0.071	U		<0.071	U	
		VMP-15-21.5-050316	5/3/2016	0.0052			<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0021	J		<0.0043	U		0.00081	J	
		VMP-15-21.5-080216	8/2/2016	<0.03	U		<0.068	U		<0.053	U		<0.053	U		<0.053	U		<0.044	U		<0.036	U		<0.036	U	
		VMP-15-21.5-110116	11/1/2016	<0.0069	U		<0.015	U		<0.012	U		<0.012	U		<0.012	U		<0.0099	U		<0.0081	U		<0.0081	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	25.5 ft	VMP-15-25.5	11/18/2009	560			<4.6	U		<3.6	U		<3.6	U		<3.6	U		<2.9	U		<2.4	U		<2.4	U	
		VMP 15-25.5-091410	9/14/2010	0.084			<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.002	J		<0.0052	U		<0.0052	U	
		VMP-15-25.5-021611	2/16/2011	0.45			<0.13	U		<0.1	U		<0.1	U		<0.1	U		<0.085	U		<0.07	U		<0.07	U	
		VMP-15-25.5-042011	4/20/2011	0.062			<0.11	U		<0.085	U		<0.085	U		<0.085	U		<0.07	U		<0.057	U		<0.057	U	
		VMP-15-25.5-042011-DUP	4/20/2011	0.1			<0.1	U		<0.079	U		<0.079	U		<0.079	U		<0.065	U		<0.053	U		<0.053	U	
		VMP-15-25.5-080811	8/8/2011	<0.048	U		<0.11	U		<0.085	U		<0.085	U		<0.085	U		<0.07	U		<0.057	U		<0.057	U	
		VMP-15-25.5-111511	11/15/2011	0.12			<0.033	U		<0.026	U		<0.026	U		<0.026	U		<0.021	U	UJ	<0.018	U		<0.018	U	
		VMP-15-25.5-073112	7/31/2012	0.04			<0.07	U		<0.055	U		<0.055	U		<0.055	U		<0.045	U		<0.037	U		<0.037	U	
		VMP-15-25.5-102512	10/25/2012	0.02			<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U	
		VMP-15-25.5-021213	2/12/2013	<0.15	U		<0.34	U		<0.27	U		<0.27	U		<0.27	U		<0.22	U		<0.18	U		<0.18	U	
		VMP-15-25.5-050913	5/9/2013	8.9			<4.6	U		<3.6	U		<3.6	U		<3.6	U		<3	U		<2.4	U		<2.4	U	
		VMP-15-25.5-080813	8/8/2013	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	J	U	<0.0086	J	U	0.0025	J		<0.0058	U		<0.0058	U	
		VMP-15-25.5-111113	11/11/2013	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		<0.0063	U		<0.0052	U		<0.0052	U	
		VMP-15-25.5-022714	2/27/2014	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U	
		VMP-15-25.5-050514	5/5/2014	0.0034	J		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0027	J		<0.0048	U		<0.0048	U	
		VMP-15-25.5-081414	8/14/2014	1.6			<0.11	U		<0.089	U		<0.089	U		<0.089	U		<0.073	U	UJ	<0.06	U		<0.06	U	
		VMP-15-25.5-110614	11/6/2014	0.38			<0.037	U		<0.029	U		<0.029	U		<0.029	U		<0.024	U		<0.019	U		<0.019	U	
		VMP-15-25.5-110614-DUP	11/6/2014	0.39			<0.032	U		<0.025	U		<0.025	U		<0.025	U		<0.021	U		<0.017	U		<0.017	U	
		VMP-15-25.5-020615	2/6/2015	0.23			<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0032	J		<0.0056	U		<0.0056	U	
		VMP-15-25.5-050415	5/4/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-15-25.5-072915	7/29/2015	2.4			<0.14	U		<0.1	U		<0.1	U		<0.1	U		<0.087	U		<0.071	U		<0.071	U	
		VMP-15-25.5-110415	11/4/2015	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0025	J		<0.0049	U		<0.0049	U	
		VMP-15-25.5-020316	2/3/2016	4.2			<0.54	U		<0.42	U		<0.42	U		<0.42	U		<0.35	U		<0.28	U		<0.28	U	
		VMP-15-25.5-050316	5/3/2016	0.5			<0.026	U		<0.02	U		<0.02	U		<0.02	U		<0.017	U		<0.014	U		<0.014	U	
		VMP-15-25.5-080216	8/2/2016	1.3			<0.11	U		<0.085	U		<0.085	U		<0.085	U		<0.07	U		<0.057	U		<0.057	U	
		VMP-15-25.5-110116	11/1/2016	0.95			<0.07	U		<0.054	U		<0.054	U		<0.054	U		<0.045	U		<0.037	U		<0.037	U	
		VMP-15-25.5-110116-Dup	11/1/2016	0.97			<0.072	U		<0.056	U		<0.056	U		<0.056	U		<0.046	U		<0.038	U		<0.038	U	
	29 ft	VMP-15-29	11/19/2009	640			<5.7	U		<4.5	U		<4.5	U		<4.5	U		<3.7	U		<3	U		<3	U	
		VMP-15-29-073112	7/31/2012	1		J	<0.3	U		<0.24	U		<0.24	U		<0.24	U		<0.19	U		<0.16	U		<0.16	U	
		VMP-15-29-102512	10/25/2012	0.083			<0.024	U		<0.018	U		<0.018	U		<0.018	U		<0.015	U		<0.012	U		<0.012	U	
		VMP-15-29-021213	2/12/2013	<0.092	U		<0.21	U		<0.16	U		<0.16	U		<0.16	U		<0.13	U		<0.11	U		<0.11	U	
		VMP-15-29-050913	5/9/2013	2.6			<2.3	U		<1.8	U		<1.8	U		<1.8	U		<1.4	U		<1.2	U		<1.2	U	
		VMP-15-29-080813	8/8/2013	0.0012	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	J	U	0.0027	J		<0.0057	UJ	UJ	<0.0057	U	
		VMP-15-29-111113	11/11/2013	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-15-29-022714	2/27/2014	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-15-29-022714-Dup	2/27/2014	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0027	J		<0.0048	U		<0.0048	U	
		VMP-15-29-081414	8/14/2014	0.18			<0.11	U		<0.087	U		<0.087	U		<0.087	U		<0.071	U	UJ	<0.058	U		<0.058	U	
		VMP-15-29-110614	11/6/2014	0.26			<0.042	U		<0.033	U		<0.033	U		<0.033	U		0.003	J		<0.022	U		<0.022	U	
		VMP-15-29-020615	2/6/2015	0.088			<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-15-29-020615-DUP	2/6/2015	0.087			<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0028	J		<0.0052	U		<0.0052	U	
		VMP-15-29-050415	5/4/2015	0.0064			<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-15-29-072915	7/29/2015	2.5			<0.15	U		<0.12	U		<0.12	U		<0.12	U		<0.097	U		<0.08	U		<0.08	U	
		VMP-15-29-072915-DUP	7/29/2015	2.5			<0.13	U		<0.099	U		<0.099	U		<0.099	U		<0.081	U		<0.066	U		<0.066	U	
		VMP-15-29-110415	11/4/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-15-29-020316	2/3/2016	1.9			<0.2	U		<0.16	U		<0.16	U		<0.16	U		<0.13	U		<0.11	U		<0.11	U	
		VMP-15-29-050316	5/3/2016	0.025			<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0016	J		<0.0055	U		<0.0055	U	
		VMP-15-29-080216	8/2/2016	0.068			<0.14	U		<0.11	U		<0.11	U		<0.11	U		<0.088	U		<0.072	U		<0.072	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5	11/20/2009	<0.058	U		<0.13	U		<0.1	U		<0.1	U		<0.1	U		<0.083	U		<0.068	U		<0.068	U	
		VMP-16-5-090210	9/2/2010	160			<18	U		<14	U		<14	U		<14	U		<12	U		<9.6	U		<9.6	U	
		VMP-16-5-112910	11/29/2010	150		J	<8.4	U		<6.6	U		<6.6	U		<6.6	U		<5.4	U		<4.4	U		<4.4	U	
		VMP-16-5-021511	2/15/2011	99		J	<5.1	U		<4	U		<4	U		<4	U		<3.3	U		<2.7	U		<2.7	U	
		VMP-16-5-042211	4/22/2011	100			<6.8	U		<5.3	U		<5.3	U		<5.3	U		<4.4	U		<3.6	U		<3.6	U	
		VMP-16-5-080511	8/5/2011	22			<2.2	U		<1.7	U		<1.7	U		<1.7	U		<1.4	U		<1.1	U		<1.1	U	
		VMP-16-5-042512	4/25/2012	67			<7.3	U		<5.7	U		<5.7	U		<5.7	U		<4.7	U		<3.9	U		<3.9	U	
		VMP-16-5-073012	7/30/2012	77		J	<6.9	U		<5.4	U		<5.4	U		<5.4	U		<4.4	U		<3.6	U		<3.6	U	
		VMP-16-5-102512	10/25/2012	4.9			<5.4	U		<4.2	U		<4.2	U		<4.2	U		<3.5	U		<2.8	U		<2.8	U	
		VMP-16-5-021413	2/14/2013	0.24	J	J	<0.84	U		<0.66	U		<0.66	U		<0.66	U		<0.54	U		<0.44	U		<0.44	U	
		VMP-16-5-042313	4/23/2013	1.2			<1.6	U		<1.3	U		<1.3	U		<1.3	U		<1	U		<0.86	U		<0.86	U	
		VMP-16-5-081313	8/13/2013	<0.005	U		<0.011	U		<0.0088	U		<0.0088	J	U	<0.0088	J	U	0.002	J		<0.0059	U		<0.0059	U	
		VMP-16-5-111513	11/15/2013	0.022			<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		<0.0064	U		<0.0052	U		<0.0052	U	
		VMP-16-5-030614	3/6/2014	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0024	J		<0.0052	U		<0.0052	U	
		VMP-16-5-050214	5/2/2014	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-16-5-081514	8/15/2014	0.0022	J		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0028	J		<0.0061	U		<0.0061	U	
		VMP-16-5-110714	11/7/2014	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0027	J		<0.0049	U		<0.0049	U	
		VMP-16-5-021115	2/11/2015	0.00086	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0017	J		<0.0053	U		<0.0053	U	
		VMP-16-5-050715	5/7/2015	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-16-5-073115	7/31/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-16-5-110415	11/4/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0041	J		<0.0055	U		<0.0055	U	
		VMP-16-5-020316	2/3/2016	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		<0.0075	U		<0.0061	U		<0.0061	U	
		VMP-16-5-050416	5/4/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0067	U		<0.0055	U		<0.0055	U	
		VMP-16-5-080316	8/3/2016	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0026	J		<0.0046	U		<0.0046	U	
		VMP-16-5-103116	10/31/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0025	J		<0.0051	U		<0.0051	U	
	13.5 ft	VMP-16-13.5	11/19/2009	1			<0.57	U		<0.45	U		<0.45	U		<0.45	U		<0.37	U		<0.3	U		<0.3	U	
		VMP-16-13.5-090210	9/2/2010	150			<19	U		<15	U		<15	U		<15	U		<12	U		<10	U		<10	U	
		VMP-16-13.5-090210-DUP	9/2/2010	140			<19	U		<15	U		<15	U		<15	U		<12	U		<10	U		<10	U	
		VMP-16-13.5-112910	11/29/2010	180			<54	U		<42	U		<42	U		<42	U		<35	U		<28	U		<28	U	
		VMP-16-13.5-021611	2/16/2011	78			<10	U		<8.1	U		<8.1	U		<8.1	U		<6.6	U		<5.4	U		<5.4	U	
		VMP-16-13.5-021611-DUP	2/16/2011	84			<10	U		<7.9	U		<7.9	U		<7.9	U		<6.5	U		<5.3	U		<5.3	U	
		VMP-16-13.5-042211	4/22/2011	120			<11	U		<8.5	U		<8.5	U		<8.5	U		<7	U		<5.7	U		<5.7	U	
		VMP-16-13.5-080511	8/5/2011	6.4		J	<1.1	U	UJ	<0.83	U	UJ	<0.83	U	UJ	<0.83	U	UJ	<0.68	U	UJ	<0.56	U	UJ	<0.56	U	UJ
		VMP-16-13.5-042512	4/25/2012	150		J	<1.2	U		<0.92	U		<0.92	U		<0.92	U		<0.75	U		<0.62	U		<0.62	U	
		VMP-16-13.5-073012	7/30/2012	170			<35	U		<28	U		<28	U		<28	U		<23	U		<18	U		<18	U	
		VMP-16-13.5-102512	10/25/2012	140			<110	U		<85	U		<85	U		<85	U		<70	U		<57	U		<57	U	
		VMP-16-13.5-021413	2/14/2013	130		J	<17	U		<13	U		<13	U		<13	U		<11	U		<9.1	U		<9.1	U	
		VMP-16-13.5-042313	4/23/2013	100			<5	U		<3.9	U		<3.9	U		<3.9	U		<3.2	U		<2.6	U		<2.6	U	
		VMP-16-13.5-081313	8/13/2013	120		J	<11	U		<8.7	U		<8.7	U		<8.7	U		<7.1	U		<5.8	U		<5.8	U	
		VMP-16-13.5-081313-Dup	8/13/2013	120			<28	U		<22	U		<22	U		<22	U		<18	U		<15	U		<15	U	
		VMP-16-13.5-111513	11/15/2013	110			<80	U		<62	U		<62	U		<62	U		<51	U		<42	U		<42	U	
		VMP-16-13.5-030614	3/6/2014	52		J	<9	U		<7	U		<7	U		<7	U		<5.8	U		<4.7	U		<4.7	U	
		VMP-16-13.5-050214	5/2/2014	58		J	<2.4	U		<1.9	U		<1.9	U		<1.9	U		<1.5	U		<1.2	U		<1.2	U	
		VMP-16-13.5-050214-Dup	5/2/2014	22		J	<8.7	U		<6.8	U		<6.8	U		<6.8	U		<5.6	U		<4.6	U		<4.6	U	
		VMP-16-13.5-081514	8/15/2014	85			<53	U		<42	U		<42	U		<42	U		<34	U		<28	U		<28	U	
		VMP-16-13.5-110714	11/7/2014	52			<10	U		<7.9	U		<7.9	U		<7.9	U		<6.5	U		<5.3	U		<5.3	U	
		VMP-16-13.5-110714-DUP	11/7/2014	49			<9.5	U		<7.4	U		<7.4	U		<7.4	U		<6.1	U		<5	U		<5	U	
		VMP-16-13.5-021115	2/11/2015	<7.6	U		<17	U		<13	U		<13	U		<13	U		<11	U		<9	U		<9	U	
		VMP-16-13.5-050715	5/7/2015	14			<24	U		<19	U		<19	U		<19	U		<16	U		<13	U		<13	U	
		VMP-16-13.5-073115	7/31/2015	23			<5.4	U		<4.2	U		<4.2	U		<4.2	U		<3.5	U		<2.8	U		<2.8	U	
		VMP-16-13.5-110415	11/4/2015	<4.8	U		<11	U		<8.5	U		<8.5	U		<8.5	U		<7	U		<5.7	U		<5.7	U	
		VMP-16-13.5-020316	2/3/2016	<23	U		<51	U		<40	U		<40	U		<40	U		<33	U		<27	U		<27	U	
		VMP-16-13.5-052516-R	5/25/2016	7.8			<5.2	U		<4.1	U		<4.1	U		<4.1	U		<3.4	U		<2.8	U		<2.8	U	
		VMP-16-13.5-080316	8/3/2016	26			<17	U		<13	U		<13	U		<13	U		<11	U		<9.1	U		<9.1	U	
		VMP-16-13.5-103116	10/31/2016	5			<5.4	U		<4.2	U		<4.2	U		<4.2	U		<3.5	U		<2.8	U		<2.8	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	19 ft	VMP-16-19	11/19/2009	8.2			<5	U		<3.9	U		<3.9	U		<3.9	U		<3.2	U		<2.6	U		<2.6	U	
		VMP-16-19-090210	9/2/2010	190			<19	U		<15	U		<15	U		<15	U		<12	U		<10	U		<10	U	
		VMP-16-19-112910	11/29/2010	170			<41	U		<32	U		<32	U		<32	U		<27	U		<22	U		<22	U	
		VMP-16-19-021611	2/16/2011	80			<9.9	U		<7.8	U		<7.8	U		<7.8	U		<6.4	U		<5.2	U		<5.2	U	
		VMP-16-19-042711	4/27/2011	64			<10	U		<7.9	U		<7.9	U		<7.9	U		<6.5	U		<5.3	U		<5.3	U	
		VMP-16-19-042711-DUP	4/27/2011	64			<9.9	U		<7.8	U		<7.8	U		<7.8	U		<6.4	U		<5.2	U		<5.2	U	
		VMP-16-19-042512	4/25/2012	160			<27	U		<21	U		<21	U		<21	U		<17	U		<14	U		<14	U	
		VMP-16-19-073012	7/30/2012	150			<24	U		<19	U		<19	U		<19	U		<16	U		<13	U		<13	U	
		VMP-16-19-102512	10/25/2012	170			<100	U		<79	U		<79	U		<79	U		<65	U		<53	U		<53	U	
		VMP-16-19-021413	2/14/2013	210		J	<10	U		<7.9	U		<7.9	U		<7.9	U		<6.5	U		<5.3	U		<5.3	U	
		VMP-16-19-042313	4/23/2013	130			<9.3	U		<7.3	U		<7.3	U		<7.3	U		<6	U		<4.9	U		<4.9	U	
		VMP-16-19-081313	8/13/2013	140		J	<11	U		<8.3	U		<8.3	U		<8.3	U		<6.8	U		<5.6	U		<5.6	U	
		VMP-16-19-111513	11/15/2013	120			<67	U		<53	U		<53	U		<53	U		<43	U		<35	U		<35	U	
		VMP-16-19-111513-Dup	11/15/2013	130			<67	U		<53	U		<53	U		<53	U		<43	U		<35	U		<35	U	
		VMP-16-19-030614	3/6/2014	71			<23	U		<18	U		<18	U		<18	U		<15	U		<12	U		<12	U	
		VMP-16-19-050214	5/2/2014	49			<10	U		<7.9	U		<7.9	U		<7.9	U		<6.5	U		<5.3	U		<5.3	U	
		VMP-16-19-081514	8/15/2014	73			<25	U		<20	U		<20	U		<20	U		<16	U		<13	U		<13	U	
		VMP-16-19-110714	11/7/2014	37		J	<9.3	U	UJ	<7.3	U	UJ	<7.3	U	UJ	<7.3	U	UJ	<6	U	UJ	<4.9	U	UJ	<4.9	U	UJ
		VMP-16-19-120214-R	12/2/2014	<4.6	U		<10	U		<8	U		<8	U		<8	U		<6.6	U		<5.4	U		<5.4	U	
		VMP-16-19-021115	2/11/2015	50			<8.7	U		<6.8	U		<6.8	U		<6.8	U		<5.6	U		<4.6	U		<4.6	U	
		VMP-16-19-050715	5/7/2015	<8.4	U		<19	U		<15	U		<15	U		<15	U		<12	U		<9.9	U		<9.9	U	
		VMP-16-19-073115	7/31/2015	55			<11	U		<8.7	U		<8.7	U		<8.7	U		<7.1	U		<5.8	U		<5.8	U	
		VMP-16-19-110415	11/4/2015	75			<1.8	U		<1.4	U		<1.4	U		<1.4	U		<1.2	U		<0.95	U		<0.95	U	
		VMP-16-19-020316	2/3/2016	70			<60	U		<46	U		<46	U		<46	U		<38	U		<31	U		<31	U	
		VMP-16-19-050416	5/4/2016	41			<3.8	U		<3	U		<3	U		<3	U		<2.4	U		<2	U		<2	U	
		VMP-16-19-080316	8/3/2016	44			<11	U		<8.9	U		<8.9	U		<8.9	U		<7.3	U		<6	U		<6	U	
		VMP-16-19-103116	10/31/2016	56			<5	U		<3.9	U		<3.9	U		<3.9	U		<3.2	U		<2.6	U		<2.6	U	
	31 ft	VMP-16-31	11/19/2009	15		J	<7.4	U		<5.8	U		<5.8	U		<5.8	U		<4.8	U		<3.9	U		<3.9	U	
		VMP-16-31-D	11/19/2009	<3.3	U	UJ	<7.4	U		<5.8	U		<5.8	U		<5.8	U		<4.8	U		<3.9	U		<3.9	U	
		VMP-16-31-090310	9/3/2010	0.049			<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0018	J		<0.0058	U		<0.0058	U	
		VMP-16-31-112910	11/29/2010	170			<42	U		<33	U		<33	U		<33	U		<27	U		<22	U		<22	U	
		VMP-16-31-042512	4/25/2012	210			<33	U		<26	U		<26	U		<26	U		<21	U		<17	U		<17	U	
		VMP-16-31-073012	7/30/2012	200			<27	U		<21	U		<21	U		<21	U		<17	U		<14	U		<14	U	
		VMP-16-31-102512	10/25/2012	170			<130	U		<99	U		<99	U		<99	U		<81	U		<66	U		<66	U	
		VMP-16-31-021813	2/18/2013	260			<38	U		<30	U		<30	U		<30	U		<25	U		<20	U		<20	U	
		VMP-16-31-042313	4/23/2013	250			<24	U		<19	U		<19	U		<19	U		<16	U		<13	U		<13	U	
		VMP-16-31-081313	8/13/2013	160			<27	U		<21	U		<21	U		<21	U		<18	U		<14	U		<14	U	
		VMP-16-31-111513	11/15/2013	9.7	J		<61	U		<48	U		<48	U		<48	U		<40	U		<32	U		<32	U	
		VMP-16-31-030614	3/6/2014	70			<17	U		<14	U		<14	U		<14	U		<11	U		<9.1	U		<9.1	U	
		VMP-16-31-050214	5/2/2014	47			<5	U		<3.9	U		<3.9	U		<3.9	U		<3.2	U		<2.6	U		<2.6	U	
		VMP-16-31-081514	8/15/2014	72			<26	U		<21	U		<21	U		<21	U		<17	U		<14	U		<14	U	
		VMP-16-31-081514-Dup	8/15/2014	78			<27	U		<21	U		<21	U		<21	U		<18	U		<14	U		<14	U	
		VMP-16-31-110714	11/7/2014	75			<4.7	U		<3.7	U		<3.7	U		<3.7	U		<3	U		<2.5	U		<2.5	U	
		VMP-16-31-021115	2/11/2015	63			<7.7	U		<6	U		<6	U		<6	U		<4.9	U		<4	U		<4	U	
		VMP-16-31-050715	5/7/2015	61			<14	U		<11	U		<11	U		<11	U		<8.8	U		<7.2	U		<7.2	U	
		VMP-16-31-073115	7/31/2015	72			<5.7	U		<4.4	U		<4.4	U		<4.4	U		<3.6	U		<3	U		<3	U	
		VMP-16-31-073115-DUP	7/31/2015	68			<5.3	U		<4.1	U		<4.1	U		<4.1	U		<3.4	U		<2.8	U		<2.8	U	
		VMP-16-31-110415	11/4/2015	76			<11	U		<8.7	U		<8.7	U		<8.7	U		<7.1	U		<5.8	U		<5.8	U	
		VMP-16-31-020316	2/3/2016	64			<20	U		<16	U		<16	U		<16	U		<13	U		<11	U		<11	U	
		VMP-16-31-020316-DUP	2/3/2016	66			<24	U		<19	U		<19	U		<19	U		<16	U		<13	U		<13	U	
		VMP-16-31-050416	5/4/2016	57			<10	U		<8	U		<8	U		<8	U		<6.6	U		<5.4	U		<5.4	U	
		VMP-16-31-050416-DUP	5/4/2016	57			<10	U		1.6	J		<7.8	U		1	J		<6.4	U		<5.3	U		<5.3	U	
		VMP-16-31-080316	8/3/2016	66			<6.9	U		<5.4	U		<5.4	U		<5.4	U		<4.4	U		<3.6	U		2	J	
		VMP-16-31-103116	10/31/2016	91			<4.9	U		<3.8	U		<3.8	U		<3.8	U		<3.1	U		<2.6	U		<2.6	U	
		VMP-16-31-103116-Dup	10/31/2016	84			<5.1	U		<4	U		<4	U		<4	U		<3.3	U		<2.7	U		<2.7	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	0.36			<0.011	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-17-5-DUP	6/21/2010	0.32			<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.002	J		<0.006	U		<0.006	U	
		VMP-17-5-090110	9/1/2010	0.02			<0.01	U		0.002	J		<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-17-5-112210	11/22/2010	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-17-5-020711	2/7/2011	0.029			<0.0097	U		<0.0076	J	U	<0.0076	J	U	<0.0076	J	U	0.0013	J		<0.0051	U		<0.0051	U	
		VMP-17-5-040611	4/6/2011	0.034			<0.039	U		<0.03	U		<0.03	U		<0.03	U		<0.025	U		<0.02	U		<0.02	U	
		VMP-17-5-080111	8/1/2011	0.054	J		<0.15	U		<0.12	U		<0.12	U		<0.12	U		<0.095	U		<0.078	U		<0.078	U	
		VMP-17-5-110711	11/7/2011	<0.0029	U		<0.0066	U		<0.0051	U		<0.0051	J	U	<0.0051	J	U	0.0018	J		<0.0035	U		<0.0035	U	
		VMP-17-5-012612	1/26/2012	<0.0031	U		<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	U		0.0022	J		<0.0036	U		<0.0036	U	
		VMP-17-5-041112	4/11/2012	0.0019	J		<0.007	U		<0.0055	U		<0.0055	U		<0.0055	J	U	0.0017	J		<0.0037	U		<0.0037	U	
		VMP-17-5-071112	7/11/2012	0.004			<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0026	J		<0.004	U		<0.004	U	
		VMP-17-5-100912	10/9/2012	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	J	U	0.0021	J		<0.0061	U		<0.0061	U	
		VMP-17-5-013113	1/31/2013	0.0097	J		<0.041	U		<0.032	U		<0.032	U		<0.032	U		<0.026	U		<0.021	U		<0.021	U	
		VMP-17-5-013113-DUP	1/31/2013	0.015	J		<0.041	U		<0.032	U		<0.032	U		<0.032	U		<0.026	U		<0.021	U		<0.021	U	
		VMP-17-5-050113	5/1/2013	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-17-5-072913	7/29/2013	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0018	J		<0.0058	U		<0.0058	U	
		VMP-17-5-072913-Dup	7/29/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.003	J		<0.006	U		<0.006	U	
		VMP-17-5-110813	11/8/2013	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U	
		VMP-17-5-021114	2/11/2014	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0019	J		<0.0046	U		<0.0046	U	
		VMP-17-5-042214	4/22/2014	0.0023	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0024	J		<0.005	J	U	<0.005	J	U
		VMP-17-5-073114	7/31/2014	<0.0047	U		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U	
		VMP-17-5-103014	10/30/2014	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-17-5-020415	2/4/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0031	J		<0.0049	U		<0.0049	U	
		VMP-17-5-050115	5/1/2015	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U	
		VMP-17-5-072815	7/28/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0022	J		<0.0061	U		<0.0061	U	
		VMP-17-5-102915	10/29/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.004	J		<0.0051	U		<0.0051	U	
		VMP-17-5-020216	2/2/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.0048	U	
		VMP-17-5-050216	5/2/2016	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0052	U		<0.0052	U	
		VMP-17-5-072516	7/25/2016	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U	
		VMP-17-5-103116	10/31/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	<0.005	U		<0.011	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-18-8.5-090710	9/7/2010	0.0063			<0.0099	U		<0.0078	J	U	<0.0078	J	U	<0.0078	J	U	0.0028	J		<0.0052	U		0.0011	J	
		VMP-18-8.5-111910	11/19/2010	0.0041			<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		<0.0053	U		<0.0044	U		<0.0044	U	
		VMP-18-8.5-020711	2/7/2011	0.022		J	<0.0091	U		<0.0072	J	U	<0.0072	J	U	<0.0072	J	U	0.0022	J		<0.0048	U		<0.0048	U	
		VMP-18-8.5-020711-DUP	2/7/2011	0.0092		J	<0.0088	U		<0.0069	J	U	<0.0069	J	U	<0.0069	J	U	0.0022	J		<0.0046	U		<0.0046	U	
		VMP-18-8.5-040711	4/7/2011	0.0062			<0.0099	U		<0.0077	J	U	<0.0077	J	U	<0.0077	J	U	0.0019	J		<0.0052	U		<0.0052	U	
		VMP-18-8.5-072811	7/28/2011	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0027	J		<0.0056	U		<0.0056	U	
		VMP-18-8.5-110711	11/7/2011	<0.0031	U		<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	U		0.0018	J		<0.0036	U		<0.0036	U	
		VMP-18-8.5-012312	1/23/2012	<0.0033	U		<0.0074	U		<0.0058	U		<0.0058	U		<0.0058	U		0.0028	J		<0.0039	U		<0.0039	U	
		VMP-18-8.5-041012	4/10/2012	0.0099			<0.0077	U		<0.006	U		<0.006	U		<0.006	J	U	0.002	J		<0.0041	U		<0.0041	U	
		VMP-18-8.5-071212	7/12/2012	0.0025	J		<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0017	J		<0.004	U		<0.004	U	
		VMP-18-8.5-100912	10/9/2012	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	J	U	0.0024	J		<0.0053	U		<0.0053	U	
		VMP-18-8.5-012313	1/23/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0027	J		<0.0058	U		<0.0058	U	
		VMP-18-8.5-050113	5/1/2013	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0018	J		<0.0062	U		<0.0062	U	
		VMP-18-8.5-072913	7/29/2013	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0023	J		<0.006	U		<0.0059	U	
		VMP-18-8.5-102513	10/25/2013	0.00034	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0018	J		<0.005	U		<0.005	U	
		VMP-18-8.5-102513-Dup	10/25/2013	<0.0049	U		<0.011	U		<0.0085	U		0.00029	J		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-18-8.5-020614	2/6/2014	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		<0.0057	J	U	<0.0047	U		<0.0047	U	
		VMP-18-8.5-042214	4/22/2014	0.0037	J		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0027	J		<0.006	J	U	<0.006	J	U
		VMP-18-8.5-042214-Dup	4/22/2014	0.0029	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-18-8.5-073114	7/31/2014	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		<0.0079	U		<0.0064	U		<0.0064	U	
		VMP-18-8.5-110314	11/3/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0032	J		<0.0053	U		<0.0053	U	
		VMP-18-8.5-020415	2/4/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-18-8.5-050115	5/1/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-18-8.5-050115-DUP	5/1/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-18-8.5-072815	7/28/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.002	J		<0.0061	U		<0.0061	U	
		VMP-18-8.5-102915	10/29/2015	0.0018	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0041	J		<0.005	U		<0.005	U	
		VMP-18-8.5-020216	2/2/2016	0.0021	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0031	J		<0.005	U		<0.005	U	
		VMP-18-8.5-050516	5/5/2016	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-18-8.5-072516	7/25/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0049	J		<0.006	U		<0.0059	U	
		VMP-18-8.5-102516	10/26/2016	0.0018	J		<0.019	U		<0.015	U		<0.015	U		<0.015	U		<0.012	U		<0.01	U		<0.01	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	0.0025	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0021	J		<0.005	U		<0.005	U	
		VMP-19-5-090110	9/1/2010	0.049			<0.0099	U		0.0019	J		<0.0078	J	U	<0.0078	J	U	0.0028	J		<0.0052	U		<0.0052	U	
		VMP-19-5-111510	11/15/2010	0.0012	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-19-5-020411	2/4/2011	0.0065			<0.0093	J	U	<0.0073	J	U	<0.0073	J	U	<0.0073	J	U	0.0028	J		<0.0049	U		0.0009	J	
		VMP-19-5-040711	4/7/2011	0.0043	J		0.0012	J		0.00068	J		<0.0081	U		0.00088	J		0.0021	J		<0.0055	U		<0.0055	U	
		VMP-19-5-080911	8/9/2011	0.05		J	<0.011	J	U	<0.0089	J	U	<0.0089	J	U	<0.0089	J	U	0.0027	J		<0.006	U		<0.006	J	U
		VMP-19-5-080911-DUP	8/9/2011	0.035		J	<0.011	J	U	<0.0085	J	U	<0.0085	J	U	<0.0085	J	U	0.0026	J		<0.0057	U		<0.0057	J	U
		VMP-19-5-110811	11/8/2011	<0.0034	U		<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0019	J		<0.004	U		<0.004	U	
		VMP-19-5-012612	1/26/2012	<0.0029	U		<0.0066	U		<0.0051	U		<0.0051	U		<0.0051	U		0.0026	J		<0.0035	U		<0.0035	U	
		VMP-19-5-041012	4/10/2012	0.0046			<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	J	U	0.002	J		<0.004	U		<0.004	U	
		VMP-19-5-071112	7/11/2012	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		<0.0055	U		<0.0045	U		<0.0045	U	
		VMP-19-5-100912	10/9/2012	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	J	U	0.0028	J		<0.006	U		<0.006	U	
		VMP-19-5-013113	1/31/2013	0.012			<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-19-5-043013	4/30/2013	<0.0058	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0024	J		<0.0069	U		<0.0069	U	
		VMP-19-5-073113	7/31/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0018	J		<0.0057	U		<0.0057	U	
		VMP-19-5-102513	10/25/2013	0.0015	J		<0.011	U		0.00036	J		<0.0085	U		<0.0085	U		0.0019	J		<0.0057	U		<0.0057	U	
		VMP-19-5-020614	2/6/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	J	U	<0.0056	U		<0.0056	U	
		VMP-19-5-042214	4/22/2014	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-19-5-073114	7/31/2014	<0.0056	U		<0.013	U		<0.0099	U		<0.0099	U		<0.0099	U		0.0026	J		<0.0066	U		<0.0066	U	
		VMP-19-5-110314	11/3/2014	<0.0042	U		<0.0094	U		<0.0074	J	U	0.00086	J		<0.0074	U		0.0035	J		<0.005	U		<0.005	J	U
		VMP-19-5-020415	2/4/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0029	J		<0.0052	U		<0.0052	U	
		VMP-19-5-050115	5/1/2015	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U	
		VMP-19-5-072815	7/28/2015	0.0047	J		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0029	J		<0.0061	U		<0.0061	U	
		VMP-19-5-102615	10/26/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U	
		VMP-19-5-020216	2/2/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U	
		VMP-19-5-050616	5/6/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U	
		VMP-19-5-072816	7/28/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0059	U		<0.0059	U	
		VMP-19-5-102516	10/26/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	0.052			<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U	
		VMP-20-5-041511	4/15/2011	1.2			<0.1	U		<0.08	U		<0.08	U		<0.08	U		<0.066	U		<0.054	U		<0.054	U	
		VMP-20-5-072511	7/25/2011	<0.0048	U		<0.011	J	U	<0.0085	U		0.0013	J		<0.0085	J	U	0.0022	J		<0.0057	U		<0.0057	U	
		VMP-20-5-110111	11/1/2011	0.0011	J		<0.0062	U		<0.0048	U		<0.0048	U		<0.0048	U		0.002	J		<0.0032	U		<0.0032	U	
		VMP-20-5-012312	1/23/2012	0.48			<0.03	U		<0.023	U		<0.023	U		<0.023	U		<0.019	U		<0.016	U		<0.016	U	
		VMP-20-5-041012	4/10/2012	0.0093			<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0018	J		<0.0035	U		<0.0035	U	
		VMP-20-5-071112	7/11/2012	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.0058	U		<0.0047	U		<0.0047	U	
		VMP-20-5-073112	7/31/2012	0.0018	J		<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0024	J		<0.004	U		<0.004	U	
		VMP-20-5-100412	10/4/2012	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0023	J		<0.0058	U		<0.0058	U	
		VMP-20-5-020713	2/7/2013	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-20-5-041913	4/19/2013	0.0068			<0.0096	U		<0.0075	U		<0.0075	J	U	<0.0075	J	U	0.0028	J		<0.0051	U		<0.0051	U	
		VMP-20-5-072313	7/23/2013	<0.0048	U		<0.011	J	U	<0.0085	J	U	<0.0085	J	U	<0.0085	J	U	0.0022	J		<0.0057	U		<0.0057	J	U
		VMP-20-5-110113	11/1/2013	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0055	U		<0.0055	U	
		VMP-20-5-021014	2/10/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-20-5-042114	4/21/2014	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0044	J		<0.0054	U		<0.0054	U	
		VMP-20-5-072514	7/25/2014	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-20-5-102714	10/27/2014	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0026	J		<0.0059	U		<0.0059	U	
		VMP-20-5-012715	1/27/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U	
		VMP-20-5-042715	4/27/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0018	J		<0.0051	U		<0.0051	U	
		VMP-20-5-072015	7/20/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0032	J		<0.0057	U		<0.0057	U	
		VMP-20-5-102015	10/20/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0037	J		<0.0049	U		<0.0049	U	
		VMP-20-5-021616	2/16/2016	<0.0056	U		<0.012	U		<0.0098	U		<0.0098	U		<0.0098	U		0.0036	J		<0.0066	U		<0.0066	U	
		VMP-20-5-042516	4/25/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0028	J		<0.0057	U		<0.0057	U	
		VMP-20-5-072216	7/22/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-20-5-102616	10/26/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	10 ft	VMP-20-10-031411	3/14/2011	0.0041			<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0028	J		<0.0049	U		<0.0049	U	
		VMP-20-10-041511	4/15/2011	0.27			<0.093	U		<0.073	U		<0.073	U		<0.073	U		<0.06	U		<0.049	U		<0.049	U	
		VMP-20-10-072511	7/25/2011	<0.0044	U		<0.0099	U		0.0014	J		0.0019	J		0.0018	J		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-20-10-110111	11/1/2011	<0.0029	U		<0.0066	U		<0.0051	U		<0.0051	U		<0.0051	U		0.0025	J		<0.0035	U		<0.0035	U	
		VMP-20-10-012312	1/23/2012	0.0046			<0.0069	U		<0.0054	U		<0.0054	J	U	<0.0054	U		0.0033	J		<0.0036	U		<0.0036	U	
		VMP-20-10-041012	4/10/2012	0.012			<0.0066	U		<0.0051	U		<0.0051	U		<0.0051	U		0.0022	J		<0.0035	U		<0.0035	U	
		VMP-20-10-071112	7/11/2012	<0.0034	U		<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0019	J		<0.004	U		<0.004	U	
		VMP-20-10-100412	10/4/2012	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	J	U	0.0027	J		<0.0054	U		<0.0054	U	
		VMP-20-10-012213	1/22/2013	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	J	U	<0.0074	J	U	0.0026	J		<0.005	U		<0.005	U	
		VMP-20-10-041913	4/19/2013	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	J	U	<0.0077	J	U	0.0022	J		<0.0052	U		<0.0052	U	
		VMP-20-10-072313	7/23/2013	<0.005	U		<0.011	J	U	<0.0087	J	U	<0.0087	J	U	<0.0087	J	U	0.0032	J		<0.0058	U		<0.0058	J	U
		VMP-20-10-110113	11/1/2013	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-20-10-110113-Dup	11/1/2013	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-20-10-021014	2/10/2014	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-20-10-042114	4/21/2014	0.0012	J		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0059			<0.0048	U		<0.0048	U	
		VMP-20-10-072514	7/25/2014	0.0044	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0029	J		<0.0053	U		<0.0053	U	
		VMP-20-10-102714	10/27/2014	<0.0059	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0022	J		<0.0069	U		<0.0069	U	
		VMP-20-10-012715	1/27/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-20-10-012715-DUP	1/27/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-20-10-042715	4/27/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0022	J		<0.0049	U		<0.0049	U	
		VMP-20-10-072015	7/20/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0036	J		<0.0053	U		<0.0053	U	
		VMP-20-10-102015	10/20/2015	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0037	J		<0.0045	U		<0.0045	U	
		VMP-20-10-102015-DUP	10/20/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0043	J		<0.0056	U		<0.0056	U	
		VMP-20-10-021616	2/16/2016	0.002	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0032	J		<0.005	U		<0.005	U	
		VMP-20-10-042516	4/25/2016	0.0028	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0034	J		<0.0058	U		<0.0058	U	
		VMP-20-10-072216	7/22/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0031	J		<0.0057	U		<0.0057	U	
		VMP-20-10-102616	10/26/2016	0.0012	J		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0025	J		<0.0049	U		<0.0049	U	
	25 ft	VMP-20-25-031411	3/14/2011	0.0019	J		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0032	J		<0.0048	U		<0.0048	U	
		VMP-20-25-041511	4/15/2011	0.23			<0.11	U		<0.083	U		<0.083	U		<0.083	U		<0.068	U		<0.056	U		<0.056	U	
		VMP-20-25-072611	7/26/2011	<0.32	U		<0.71	U		<0.55	U		<0.55	U		<0.55	U		<0.45	U		<0.37	U		<0.37	U	
		VMP-20-25-110511	11/5/2011	<0.0029	U		<0.0064	U		<0.005	U		<0.005	U		<0.005	U		0.0026	J		<0.0034	U		<0.0034	U	
		VMP-20-25-012312	1/23/2012	<0.0032	U		<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	U		0.0031	J		<0.0038	U		<0.0038	U	
		VMP-20-25-041012	4/10/2012	0.0021	J		<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0021	J		<0.0035	U		<0.0035	U	
		VMP-20-25-041012-Dup	4/10/2012	0.0021	J		<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	U		0.0026	J		<0.0036	U		<0.0036	U	
		VMP-20-25-071112	7/11/2012	0.0011	J		<0.0077	U		<0.006	U		<0.006	U		<0.006	U		0.0025	J		<0.0041	U		<0.0041	U	
		VMP-20-25-100412	10/4/2012	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0025	J		<0.006	U		<0.006	U	
		VMP-20-25-012213	1/22/2013	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	J	U	<0.0074	J	U	0.0026	J		<0.005	U		<0.005	U	
		VMP-20-25-041913	4/19/2013	0.0023	J		<0.01	U		<0.008	U		<0.008	J	U	<0.008	J	U	0.0025	J		<0.0054	U		<0.0054	U	
		VMP-20-25-072313	7/23/2013	<0.0052	U		<0.012	J	U	<0.0091	J	U	<0.0091	J	U	<0.0091	J	U	0.0027	J		<0.0061	U		<0.0061	J	U
		VMP-20-25-110113	11/1/2013	<0.004	U		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.002	J		<0.0048	U		<0.0048	U	
		VMP-20-25-021014	2/10/2014	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-20-25-042114	4/21/2014	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0048	J		<0.005	U		<0.005	U	
		VMP-20-25-072514	7/25/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U	
		VMP-20-25-102714	10/27/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0031	J		<0.005	U		<0.005	U	
		VMP-20-25-012715	1/27/2015	<0.0044	U		<0.01	U		0.0035	J		0.0022	J		0.0033	J		0.0029	J		<0.0052	U		<0.0052	U	
		VMP-20-25-042715	4/27/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.002	J		<0.0052	U		<0.0052	U	
		VMP-20-25-072015	7/20/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0031	J		<0.0054	U		<0.0054	U	
		VMP-20-25-102015	10/20/2015	<0.004	U		0.0026	J		0.0046	J		0.004	J		0.0045	J		0.0038	J		<0.0048	U		<0.0048	U	
		VMP-20-25-020216	2/2/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		<0.0072	U		<0.0059	U		<0.0059	U	
		VMP-20-25-042516	4/25/2016	<0.0048	J	U	<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U	
		VMP-20-25-072216	7/22/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-20-25-102616	10/26/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	39.5 ft	VMP-20-39.5-042114	4/21/2014	<0.38	U		<0.84	U		<0.66	U		<0.66	U		<0.66	U		<0.54	U		<0.44	U		<0.44	U	
		VMP-20-39.5-042715	4/27/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-20-39.5-042715-DUP	4/27/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-20-39.5-072015	7/20/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0032	J		<0.0053	U		<0.0053	U	
		VMP-20-39.5-072015-DUP	7/20/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0037	J		<0.0054	U		<0.0054	U	
		VMP-20-39.5-100412	10/4/2012	<1.2	U		<2.8	U		<2.2	U		<2.2	U		0.29	J		<1.8	U		<1.5	U		<1.5	U	
		VMP-20-39.5-012313	1/23/2013	<0.71	U		<1.6	U		<1.2	U		<1.2	U		<1.2	U		<1	U		<0.84	U		<0.84	U	
		VMP-20-39.5-041913	4/19/2013	0.47	J		<1.3	U		<0.99	U		<0.99	U		<0.99	U		<0.81	U		<0.66	U		<0.66	U	
		VMP-20-39.5-072313	7/23/2013	<1.1	U		0.49	J		0.79	J		0.65	J		0.8	J		<1.5	U		<1.2	U		<1.2	U	
		VMP-20-39.5-110113	11/1/2013	<0.093	U		<0.21	U		<0.16	U		<0.16	U		<0.16	U		<0.13	U		<0.11	U		<0.11	U	
		VMP-20-39.5-021014	2/10/2014	<0.081	U		<0.18	U		<0.14	U		<0.14	U		<0.14	U		<0.12	U		<0.095	U		<0.095	U	
		VMP-20-39.5-021014-Dup	2/10/2014	<0.076	U		<0.17	U		<0.13	U		<0.13	U		<0.13	U		<0.11	U		<0.089	U		<0.089	U	
		VMP-20-39.5-072514	7/25/2014	<0.76	U		<1.7	U		<1.3	U		<1.3	U		<1.3	U		<1.1	U		<0.89	U		<0.89	U	
		VMP-20-39.5-072514-Dup	7/25/2014	<0.59	U		<1.3	U		<1	U		<1	U		<1	U		<0.85	U		<0.7	U		<0.7	U	
		VMP-20-39.5-102714	10/27/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0032	J		<0.0055	U		<0.0055	U	
		VMP-20-39.5-012715	1/27/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0033	J		<0.0059	U		<0.0059	U	
		VMP-20-39.5-102015	10/20/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0034	J		<0.005	U		<0.005	U	
		VMP-20-39.5-020216	2/2/2016	0.0027	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-20-39.5-020216-DUP	2/2/2016	0.0024	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0031	J		<0.005	U		<0.005	U	
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	94			<3.6	U		<2.8	U		<2.8	U		<2.8	U		<2.3	U		<1.9	U		<1.9	U	
		VMP-21-5-020911-DUP	2/9/2011	77			<6.1	U		<4.8	U		<4.8	U		<4.8	U		<3.9	U		<3.2	U		<3.2	U	
		VMP-21-5-041311	4/13/2011	0.4			<0.01	U		<0.0079	U		<0.0079	U		<0.0079	J	U	0.0025	J		<0.0053	U		<0.0053	U	
		VMP-21-5-072511	7/25/2011	<0.0048	U		<0.011	U		<0.0083	U		0.0013	J		<0.0083	J	U	0.0023	J		<0.0056	U		<0.0056	U	
		VMP-21-5-110111	11/1/2011	0.0095			<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0022	J		<0.0046	U		<0.0046	U	
		VMP-21-5-012312	1/23/2012	<0.0033	U		<0.0074	U		<0.0058	U		<0.0058	J	U	<0.0058	U		0.0035	J		0.0034	J		<0.0039	U	
		VMP-21-5-012312-DUP	1/23/2012	<0.0031	U		<0.0069	U		<0.0054	U		<0.0054	J	U	<0.0054	U		0.0031	J		0.00082	J		<0.0036	U	
		VMP-21-5-042412	4/24/2012	0.041			<0.014	U		<0.011	U		<0.011	U		<0.011	J	U	0.0028	J		<0.0074	U		<0.0074	U	
		VMP-21-5-071012	7/10/2012	0.028			<0.0081	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0021	J		<0.0043	U		<0.0043	U	
		VMP-21-5-100412	10/4/2012	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.002	J		<0.0063	U		<0.0063	U	
		VMP-21-5-020613	2/6/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0029	J		<0.0057	U		<0.0057	U	
		VMP-21-5-051013	5/10/2013	0.011			<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0022	J		<0.0058	U		<0.0058	U	
		VMP-21-5-072313	7/23/2013	<0.0052	U		<0.012	J	U	<0.0091	J	U	<0.0091	J	U	<0.0091	J	U	0.0026	J		<0.0061	U		<0.0061	U	
		VMP-21-5-102113	10/21/2013	0.0003	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U	UJ	0.002	J		<0.0054	U		<0.0054	U	
		VMP-21-5-022414	2/24/2014	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		<0.0056	J	U	<0.0046	U		<0.0046	U	
		VMP-21-5-042114	4/21/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0037	J		<0.0053	U		<0.0053	U	
		VMP-21-5-072814	7/28/2014	0.0039	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-21-5-102714	10/27/2014	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0019	J		<0.0049	U		<0.0049	U	
		VMP-21-5-012715	1/27/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-21-5-042715	4/27/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0021	J		<0.0058	U		<0.0058	U	
		VMP-21-5-072015	7/20/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0032	J		<0.0056	U		<0.0056	U	
		VMP-21-5-102315	10/23/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0032	J		<0.0051	U		<0.0051	U	
		VMP-21-5-012616	1/26/2016	0.0017	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-21-5-042716	4/27/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0028	J		<0.0055	U		<0.0055	U	
		VMP-21-5-072616	7/26/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-21-5-102416	10/24/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0019	J		<0.0054	U		<0.0054	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011	72			<3.2	U		<2.5	U		<2.5	U		<2.5	U		<2.1	U		<1.7	U		<1.7	U	
		VMP-21-10-041311	4/13/2011	0.5			<0.41	U		<0.32	U		<0.32	U		<0.32	U		<0.26	U		<0.21	U		<0.21	U	
		VMP-21-10-072511	7/25/2011	<0.01	U		<0.022	J	U	<0.018	J	U	0.0033	J		<0.018	J	U	0.0025	J		<0.012	U		<0.012	U	
		VMP-21-10-110111	11/1/2011	<0.0029	U		<0.0066	U		<0.0051	U		<0.0051	U		<0.0051	U		0.0022	J		<0.0035	U		<0.0035	U	
		VMP-21-10-012312	1/23/2012	0.00092	J		<0.0074	U		<0.0058	U		<0.0058	U		<0.0058	U		0.0026	J		<0.0039	U		<0.0039	U	
		VMP-21-10-040912	4/9/2012	0.11			<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0023	J		<0.0035	U		<0.0035	U	
		VMP-21-10-071012	7/10/2012	0.00068	J		<0.0077	U		<0.006	U		<0.006	U		<0.006	U		<0.005	U		<0.0041	U		<0.0041	U	
		VMP-21-10-100412	10/4/2012	0.0015	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0021	J		<0.0057	U		<0.0057	U	
		VMP-21-10-020513	2/5/2013	0.0036	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-21-10-020513-DUP	2/5/2013	0.0043	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-21-10-051013	5/10/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0026	J		<0.0059	U		<0.0059	U	
		VMP-21-10-072313	7/23/2013	<0.005	U		<0.011	J	U	<0.0087	J	U	<0.0087	J	U	<0.0087	J	U	0.0031	J		<0.0058	U		<0.0058	U	
		VMP-21-10-102113	10/21/2013	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U	UJ	0.0022	J		<0.0053	U		<0.0053	U	
		VMP-21-10-022414	2/24/2014	<0.004	U		<0.0089	U		<0.0069	U		<0.0069	U		<0.0069	U		<0.0057	J	U	<0.0047	U		<0.0047	U	
		VMP-21-10-042114	4/21/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0033	J		<0.0049	U		<0.0049	U	
		VMP-21-10-072814	7/28/2014	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U	
		VMP-21-10-102714	10/27/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0035	J		<0.0056	U		<0.0056	U	
		VMP-21-10-012715	1/27/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-21-10-042715	4/27/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0059	U		<0.0059	U	
		VMP-21-10-072015	7/20/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-21-10-102315	10/23/2015	0.0021	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-21-10-012616	1/26/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0018	J		<0.0051	U		<0.0051	U	
		VMP-21-10-042716	4/27/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0019	J		<0.0058	U		<0.0058	U	
		VMP-21-10-072616	7/26/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U	
		VMP-21-10-102416	10/24/2016	<0.0085	U		<0.019	U		<0.015	U		<0.015	U		<0.015	U		0.0019	J		<0.01	U		<0.01	U	
	25 ft	VMP-21-25-021011	2/10/2011	370			<9	U		<7	U		<7	U		<7	U		<5.8	U		<4.7	U		<4.7	U	
		VMP-21-25-041411	4/14/2011	300			<31	U		<24	U		<24	U		<24	U		<20	U		<16	U		<16	U	
		VMP-21-25-041411-DUP	4/14/2011	300			<31	U		<24	U		<24	U		<24	U		<20	U		<16	U		<16	U	
		VMP-21-25-072611	7/26/2011	290			<10	U		<7.9	U		<7.9	U		<7.9	U		<6.5	U		<5.3	U		<5.3	U	
		VMP-21-25-110511	11/5/2011	6.2			<6.4	U		<5	U		<5	U		<5	U		<4.2	U		<3.4	U		<3.4	U	
		VMP-21-25-012412	1/24/2012	0.0057	J		<0.089	U		<0.07	U		<0.07	U		<0.07	U		<0.057	U		<0.047	U		<0.047	U	
		VMP-21-25-040912	4/9/2012	0.12			<0.007	U		<0.0055	U		<0.0055	U		<0.0055	U		0.0042	J		<0.0037	U		<0.0037	U	
		VMP-21-25-071112	7/11/2012	0.0011	J		<0.007	U		<0.0055	U		<0.0055	U		<0.0055	U		0.0022	J		<0.0037	U		<0.0037	U	
		VMP-21-25-100412	10/4/2012	0.0022	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0026	J		<0.0058	U		<0.0058	U	
		VMP-21-25-020513	2/5/2013	0.0035	J		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-21-25-020513-DUP	2/5/2013	0.004	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0027	J		<0.0054	U		<0.0054	U	
		VMP-21-25-051013	5/10/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0025	J		<0.006	U		<0.006	U	
		VMP-21-25-072313	7/23/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	J	U	<0.0089	J	U	0.0025	J		<0.006	U		<0.006	U	
		VMP-21-25-102113	10/21/2013	0.0031	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U	UJ	0.0022	J		<0.0055	U		<0.0055	U	
		VMP-21-25-042114	4/21/2014	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0034	J		<0.0049	U		<0.0049	U	
		VMP-21-25-072814	7/28/2014	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-21-25-102714	10/27/2014	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0038	J		<0.0051	U		<0.0051	U	
		VMP-21-25-012715	1/27/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-21-25-042715	4/27/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0021	J		<0.0054	U		<0.0054	U	
		VMP-21-25-072015	7/20/2015	0.002	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0046	J		<0.0055	U		<0.0055	U	
		VMP-21-25-102315	10/23/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.003	J		<0.0048	U		<0.0048	U	
		VMP-21-25-012616	1/26/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0018	J		<0.0054	U		<0.0054	U	
		VMP-21-25-042716	4/27/2016	0.0031	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-21-25-072616	7/26/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-21-25-102416	10/24/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.0051	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-021011	2/10/2011	410			<9	U		<7	U		<7	U		<7	U		<5.8	U		<4.7	U		<4.7	U	
		VMP-21-33-041411	4/14/2011	290			<30	U		<24	U		<24	U		<24	U		<19	U		<16	U		<16	U	
		VMP-21-33-110511	11/5/2011	0.38	J		<1.5	U		<1.1	U		<1.1	U		<1.1	U		<0.94	U		<0.77	U		<0.77	U	
		VMP-21-33-012412	1/24/2012	0.38		J	<0.21	U		<0.16	U		<0.16	U		<0.16	U		<0.14	U		<0.11	U		<0.11	U	
		VMP-21-33-042412	4/24/2012	0.0051			<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	J	U	0.0029	J		<0.0038	U		<0.0038	U	
		VMP-21-33-071112	7/11/2012	<0.0034	U		<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0031	J		<0.004	U		<0.004	U	
		VMP-21-33-100412	10/4/2012	0.0026	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0028	J		<0.0057	U		<0.0057	U	
		VMP-21-33-020513	2/5/2013	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-21-33-051013	5/10/2013	0.0066			<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.003	J		<0.0057	U		<0.0057	U	
		VMP-21-33-102113	10/21/2013	<0.0044	U		<0.0097	U		<0.0076	J	U	<0.0076	U		<0.0076	U	UJ	0.0022	J		<0.0051	U		<0.0051	U	
		VMP-21-33-102113-DUP	10/21/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U	UJ	0.0024	J		<0.0059	U		<0.0059	U	
		VMP-21-33-022414	2/24/2014	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		<0.0059	J	U	<0.0048	U		<0.0048	U	
		VMP-21-33-022414-Dup	2/24/2014	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		<0.0059	J	U	<0.0048	U		<0.0048	U	
		VMP-21-33-042114	4/21/2014	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0032	J		<0.0052	U		<0.0052	U	
		VMP-21-33-072814	7/28/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-21-33-102714	10/27/2014	0.0018	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0041	J		<0.0054	U		<0.0054	U	
		VMP-21-33-102714-DUP	10/27/2014	0.0029	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0037	J		<0.0057	U		<0.0057	U	
		VMP-21-33-012715	1/27/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U	
		VMP-21-33-072015	7/20/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0039	J		<0.0057	U		<0.0057	U	
		VMP-21-33-102315	10/23/2015	<0.0039	U		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0026	J		<0.0046	U		<0.0046	U	
		VMP-21-33-102315-DUP	10/23/2015	<0.0098	U		<0.022	U		<0.017	U		<0.017	U		<0.017	U		0.0035	J		<0.012	U		<0.012	U	
		VMP-21-33-042716	4/27/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-21-33-072616	7/26/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U	
		VMP-21-33-102416	10/24/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0037	J		<0.0054	U		<0.0054	U	
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.088	U		<0.2	U		<0.15	U		<0.15	U		<0.15	U		<0.13	U		<0.1	U		<0.1	U	
		VMP-22-5-041811	4/18/2011	<0.043	U		<0.097	U		<0.076	U		<0.076	U		<0.076	U		<0.062	U		<0.051	U		<0.051	U	
		VMP-22-5-072611	7/26/2011	0.021			<0.011	J	U	<0.0089	J	U	0.0033	J		<0.0089	J	U	0.0023	J		<0.006	U		<0.006	J	U
		VMP-22-5-110111	11/1/2011	<0.0029	U		<0.0064	U		<0.005	U		<0.005	U		<0.005	U		0.0021	J		<0.0034	U		<0.0034	U	
		VMP-22-5-012412	1/24/2012	0.29		J	<0.0068	U		<0.0053	U		<0.0053	J	U	<0.0053	U		0.0031	J	J	<0.0036	U		<0.0036	U	
		VMP-22-5-040912	4/9/2012	0.021			<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0028	J		<0.004	U		<0.004	U	
		VMP-22-5-070912	7/9/2012	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.002	J		<0.0044	U		<0.0044	U	
		VMP-22-5-100312	10/3/2012	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-22-5-100312-Dup	10/3/2012	0.0018	J		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0026	J		<0.0046	U		<0.0046	U	
		VMP-22-5-012413	1/24/2013	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	J	U	<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-22-5-041913	4/19/2013	0.011			<0.0097	U		<0.0076	U		<0.0076	J	U	<0.0076	J	U	0.0022	J		<0.0051	U		<0.0051	U	
		VMP-22-5-072313	7/23/2013	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	J	U	<0.0096	J	U	0.0025	J		<0.0064	U		<0.0064	U	
		VMP-22-5-072313-Dup	7/23/2013	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	J	U	<0.0096	J	U	0.0021	J		<0.0064	U		<0.0064	U	
		VMP-22-5-101813	10/18/2013	0.00073	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U	UJ	0.0019	J		<0.0055	U		<0.0055	U	
		VMP-22-5-021314	2/13/2014	<0.0038	U		<0.0085	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0022	J		<0.0045	U		<0.0045	U	
		VMP-22-5-042214	4/22/2014	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-22-5-072814	7/28/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0021	J		<0.0054	U		<0.0054	U	
		VMP-22-5-102414	10/24/2014	0.0015	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0053	U		<0.0053	U	
		VMP-22-5-012715	1/27/2015	0.0034	J		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0022	J		<0.0046	U		<0.0046	U	
		VMP-22-5-042715	4/27/2015	<0.0087	U		<0.019	U		<0.015	U		<0.015	U		<0.015	U		<0.012	U		<0.01	U		<0.01	U	
		VMP-22-5-072015	7/20/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-22-5-012616	1/26/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0033	J		<0.0056	U		<0.0056	U	
		VMP-22-5-042616	4/26/2016	<0.006	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		<0.0086	U		<0.007	U		<0.007	U	
		VMP-22-5-072216	7/22/2016	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0056	J		<0.0062	U		<0.0062	U	
		VMP-22-5-102716	10/27/2016	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011	0.19			<0.094	U		<0.073	U		<0.073	U		<0.073	U		<0.06	U		<0.049	U		<0.049	U	
		VMP-22-10-041811	4/18/2011	<0.045	U		<0.1	U		<0.078	U		<0.078	U		<0.078	U		<0.064	U		<0.053	U		<0.053	U	
		VMP-22-10-072611	7/26/2011	0.0046	J		<0.012	J	U	<0.0091	J	U	0.0028	J		<0.0091	J	U	0.0023	J		<0.0061	U		<0.0061	U	
		VMP-22-10-072611-DUP	7/26/2011	0.0063			<0.014	J	U	<0.011	J	U	0.0027	J		<0.011	J	U	0.0019	J		<0.0072	U		<0.0072	U	
		VMP-22-10-110211	11/2/2011	<0.0029	U		<0.0066	U		<0.0051	U		<0.0051	U		<0.0051	U		0.0024	J		<0.0035	U		<0.0035	U	
		VMP-22-10-012412	1/24/2012	0.001	J		<0.0074	U		<0.0058	U		<0.0058	J	U	<0.0058	U		0.0032	J		<0.0039	U		<0.0039	U	
		VMP-22-10-040912	4/9/2012	0.013			<0.0074	U		<0.0058	U		<0.0058	U		<0.0058	U		0.0031	J		<0.0039	U		<0.0039	U	
		VMP-22-10-070912	7/9/2012	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0021	J		<0.0044	U		<0.0044	U	
		VMP-22-10-070912-Dup	7/9/2012	<0.0036	U		<0.0081	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0017	J		<0.0043	U		<0.0043	U	
		VMP-22-10-100312	10/3/2012	0.0032	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	J	U	0.0024	J		<0.0049	U		<0.0049	U	
		VMP-22-10-012413	1/24/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	J	U	<0.0083	U		0.0029	J		<0.0056	U		<0.0056	U	
		VMP-22-10-041913	4/19/2013	0.0024	J		<0.01	U		<0.008	U		<0.008	U		<0.008	J	U	0.0022	J		<0.0054	U		<0.0054	U	
		VMP-22-10-072313	7/23/2013	0.0053			<0.011	U		<0.0089	U		<0.0089	J	U	<0.0089	J	U	0.0021	J		<0.006	U		<0.006	U	
		VMP-22-10-101813	10/18/2013	0.01			<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U	UJ	0.002	J		<0.0056	U		<0.0056	U	
		VMP-22-10-021314	2/13/2014	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U	
		VMP-22-10-042214	4/22/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-22-10-072814	7/28/2014	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-22-10-102414	10/24/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0033	J		<0.0053	U		<0.0053	U	
		VMP-22-10-012715	1/27/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0027	J		<0.0059	U		<0.0059	U	
		VMP-22-10-042715	4/27/2015	0.0017	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-22-10-072015	7/20/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0052	U		<0.0052	U	
		VMP-22-10-102315	10/23/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0032	J		<0.0056	U		<0.0056	U	
		VMP-22-10-012616	1/26/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0036	J		<0.0048	U		<0.0048	U	
		VMP-22-10-042616	4/26/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0026	J		<0.006	U		<0.006	U	
		VMP-22-10-072216	7/22/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0029	J		<0.0055	U		<0.0055	U	
		VMP-22-10-102716	10/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0021	J		<0.0054	U		<0.0054	U	
	18 ft	VMP-22-18-021111	2/11/2011	65			<1.6	U		<1.3	U		<1.3	U		<1.3	U		<1	U		<0.86	U		<0.86	U	
		VMP-22-18-041811	4/18/2011	58			<6.9	U		<5.4	U		<5.4	U		<5.4	U		<4.4	U		<3.6	U		<3.6	U	
		VMP-22-18-072611	7/26/2011	39			<3.5	U		<2.8	U		<2.8	U		<2.8	U		<2.3	U		<1.9	U		<1.9	U	
		VMP-22-18-110511	11/5/2011	<0.0031	U		<0.007	U		<0.0055	U		<0.0055	U		<0.0055	U		0.0024	J		<0.0037	U		<0.0037	U	
		VMP-22-18-012412	1/24/2012	<0.029	U		<0.064	U		<0.05	U		<0.05	U		<0.05	U		<0.042	U		<0.034	U		<0.034	U	
		VMP-22-18-040912	4/9/2012	0.008			<0.0077	U		<0.006	U		<0.006	U		<0.006	U		0.0027	J		<0.0041	U		<0.0041	U	
		VMP-22-18-070912	7/9/2012	<0.0036	U		<0.0081	U		<0.0064	U		<0.0064	U		<0.0064	U		0.002	J		<0.0043	U		<0.0043	U	
		VMP-22-18-100412	10/4/2012	<0.005	U		<0.011	U		<0.0087	U		<0.0087	J	U	<0.0087	J	U	0.0022	J		<0.0058	U		<0.0058	U	
		VMP-22-18-012413	1/24/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0029	J		<0.0056	U		<0.0056	U	
		VMP-22-18-042213	4/22/2013	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0025	J		<0.0058	U		<0.0058	U	
		VMP-22-18-072913	7/29/2013	0.0024	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0059	U		<0.0059	U	
		VMP-22-18-101813	10/18/2013	0.0063			<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U	UJ	0.002	J		<0.0055	U		<0.0055	U	
		VMP-22-18-021314	2/13/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0019	J		<0.0048	U		<0.0048	U	
		VMP-22-18-042214	4/22/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-22-18-072814	7/28/2014	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-22-18-102414	10/24/2014	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U	
		VMP-22-18-012715	1/27/2015	0.0014	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-22-18-012715-DUP	1/27/2015	0.00083	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-22-18-042715	4/27/2015	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U	
		VMP-22-18-072015	7/20/2015	<0.0058	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0027	J		<0.0068	U		<0.0068	U	
		VMP-22-18-102315	10/23/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-22-18-012616	1/26/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-22-18-042616	4/26/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0019	J		<0.0056	U		<0.0056	U	
		VMP-22-18-072216	7/22/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0039	J		<0.0055	U		<0.0055	U	
		VMP-22-18-102716	10/27/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0056	U		<0.0056	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	38 ft	VMP-22-38-041811	4/18/2011	240			<21	U		<16	U		<16	U		<16	U		<14	U		<11	U		<11	U	
		VMP-22-38-012512	1/25/2012	<0.029	U		<0.064	U		<0.05	U		<0.05	U		<0.05	U		<0.042	U		<0.034	U		<0.034	U	
		VMP-22-38-040912	4/9/2012	0.014			<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.003	J		<0.0039	U		<0.0039	U	
		VMP-22-38-070912	7/9/2012	0.00078	J		<0.0079	U		<0.0062	U		<0.0062	U		<0.0062	U		<0.0051	U		<0.0042	U		<0.0042	U	
		VMP-22-38-100412	10/4/2012	0.0012	J		<0.012	U		<0.0091	U		<0.0091	J	U	<0.0091	J	U	0.0026	J		<0.0061	U		<0.0061	U	
		VMP-22-38-012413	1/24/2013	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-22-38-042213	4/22/2013	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	J	U	0.0022	J		<0.0059	U		<0.0059	U	
		VMP-22-38-072913	7/29/2013	0.0042	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0022	J		<0.0058	U		<0.0058	U	
		VMP-22-38-101813	10/18/2013	0.0057			<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U	UJ	0.0019			<0.0052	U		<0.0052	U	
		VMP-22-38-021314	2/13/2014	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0019	J		<0.0049	U		<0.0049	U	
		VMP-22-38-021314-Dup	2/13/2014	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0021	J		<0.0047	U		<0.0047	U	
		VMP-22-38-042214	4/22/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0021	J		<0.0054	U		<0.0054	U	
		VMP-22-38-072814	7/28/2014	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-22-38-072814-DUP	7/28/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-22-38-102414	10/24/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.0048	U	
		VMP-22-38-102414-DUP	10/24/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U	
		VMP-22-38-012715	1/27/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U	
		VMP-22-38-042715	4/27/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U	
		VMP-22-38-042715-DUP	4/27/2015	<0.0044	U		<0.0098	U		0.0043	J		0.0044	J		0.0044	J		0.0024	J		<0.0052	U		<0.0052	U	
		VMP-22-38-072015	7/20/2015	0.002	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-22-38-072015-DUP	7/20/2015	0.0018	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0033	J		<0.0056	U		<0.0056	U	
		VMP-22-38-102315	10/23/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0029	J		<0.0054	U		<0.0054	U	
		VMP-22-38-012616-DUP	1/26/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0038	J		<0.0053	U		<0.0053	U	
		VMP-22-38-042616	4/26/2016	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0021	J		<0.0063	U		<0.0063	U	
		VMP-22-38-072216	7/22/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-22-38-072216-DUP	7/22/2016	<0.0047	U		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0031	J		<0.0056	U		<0.0056	U	
		VMP-22-38-102716	10/27/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0025	J		<0.0055	U		<0.0055	U	
		VMP-22-38-102716-Dup	10/27/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0027	J		<0.0051	U		<0.0051	U	
VMP-23	5 ft	VMP-23-5-021511	2/15/2011	0.0054			<0.01	U		<0.0079	U		<0.0079	U		<0.0079	J	U	0.0021	J		<0.0053	U		<0.0053	U	
		VMP-23-5-042111	4/21/2011	<0.039	U		<0.088	U		<0.069	U		<0.069	U		<0.069	U		<0.057	U		<0.046	U		<0.046	U	
		VMP-23-5-072711	7/27/2011	0.0068			<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0016	J		<0.0053	U		<0.0053	U	
		VMP-23-5-110211	11/2/2011	<0.0032	U		<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	U		0.002	J		<0.0038	U		<0.0038	U	
		VMP-23-5-012512	1/25/2012	0.0022	J		<0.0061	U		<0.0047	U		<0.0048	U		0.0012	J		0.0027	J		<0.0032	U		<0.0032	U	
		VMP-23-5-040912	4/9/2012	0.0031	J		<0.0073	U		<0.0057	U		<0.0057	U		<0.0057	U		0.0033	J		<0.0039	U		<0.0039	U	
		VMP-23-5-070912	7/9/2012	0.0022	J		<0.0066	U		<0.0051	U		<0.0051	U		<0.0051	U		0.0021	J		<0.0035	U		<0.0035	U	
		VMP-23-5-100312	10/3/2012	0.0019	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	J	U	0.0022	J		<0.0058	U		<0.0058	U	
		VMP-23-5-012413	1/24/2013	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-23-5-042213	4/22/2013	0.0018	J		<0.01	U		<0.0082	U		<0.0082	J	U	<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-23-5-072313	7/23/2013	0.003	J		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	J	U	0.0026	J		<0.006	U		<0.006	U	
		VMP-23-5-101813	10/18/2013	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U	UJ	0.002	J		<0.0057	U		<0.0057	U	
		VMP-23-5-021314	2/13/2014	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U	
		VMP-23-5-042114	4/21/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0032	J		<0.0056	U		<0.0056	U	
		VMP-23-5-080514	8/5/2014	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0034	J		<0.0059	U		<0.0059	U	
		VMP-23-5-102414	10/24/2014	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0035	J		<0.0061	U		<0.0061	U	
		VMP-23-5-012715	1/27/2015	<0.0053	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0022	J		<0.0062	U		<0.0062	U	
		VMP-23-5-042715	4/27/2015	0.0042	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-23-5-072015	7/20/2015	0.0029	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0027	J		<0.0053	U		<0.0053	U	
		VMP-23-5-102615	10/26/2015	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0033	J		<0.0045	U		<0.0045	U	
		VMP-23-5-012516	1/25/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0044	J		<0.0056	U		<0.0056	U	
		VMP-23-5-062816	6/28/2016	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		<0.0079	U		<0.0064	U		<0.0064	U	
		VMP-23-5-072216	7/22/2016	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0031	J		<0.006	U		<0.006	U	
		VMP-23-5-101916	10/19/2016	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0021	J		<0.0052	U		<0.0052	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	0.0044	J		<0.01	U		0.0024	J		<0.0082	J	U	<0.0082	J	U	<0.0068	U		<0.0055	U		<0.0055	U	
		VMP-23-10-042111	4/21/2011	0.94			<0.11	U		<0.083	U		<0.083	U		<0.083	U		<0.068	U		<0.056	U		<0.056	U	
		VMP-23-10-072711	7/27/2011	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U	
		VMP-23-10-110211	11/2/2011	<0.0031	U		<0.007	U		<0.0055	U		<0.0055	U		<0.0055	U		0.0019	J		<0.0037	U		<0.0037	U	
		VMP-23-10-012512	1/25/2012	0.2			<0.006	U		<0.0046	U		<0.0046	U		<0.0046	U		0.0023	J		<0.0031	U		<0.0031	U	
		VMP-23-10-040912	4/9/2012	<0.0034	U		<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0035	J		<0.0039	U		<0.0039	U	
		VMP-23-10-040912-Dup	4/9/2012	0.0017	J		<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0034	J		<0.004	U		0.0028	J	
		VMP-23-10-070912	7/9/2012	0.00069	J		<0.006	U		<0.0046	U		<0.0046	U		<0.0046	U		0.0022	J		<0.0031	U		<0.0031	U	
		VMP-23-10-100312	10/3/2012	0.0063			<0.012	U		<0.0093	U		<0.0093	U		<0.0093	J	U	0.0026	J		<0.0063	U		<0.0063	U	
		VMP-23-10-012413	1/24/2013	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-23-10-042213	4/22/2013	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-23-10-072313	7/23/2013	0.0045	J		<0.012	U		<0.0091	U		<0.0091	J	U	<0.0091	J	U	0.0024	J		<0.0061	U		<0.0061	U	
		VMP-23-10-101813	10/18/2013	0.00086	J		<0.012	U		<0.009	U		<0.009	U		<0.009	U	UJ	<0.0074	U		<0.0061	U		<0.0061	U	
		VMP-23-10-101813-DUP	10/18/2013	0.00055	J		<0.012	U		<0.009	U		<0.009	U		<0.009	U	UJ	0.0022	J		<0.0061	U		<0.0061	U	
		VMP-23-10-021314	2/13/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0021	J		<0.005	U		<0.005	U	
		VMP-23-10-042114	4/21/2014	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0031	J		<0.0058	U		<0.0058	U	
		VMP-23-10-080514	8/5/2014	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0027	J		<0.0062	U		<0.0062	U	
		VMP-23-10-102414	10/24/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0034	J		<0.0049	U		<0.0049	U	
		VMP-23-10-012715	1/27/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0048	U		<0.0048	U	
		VMP-23-10-042715	4/27/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-23-10-072015	7/20/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0037	J		<0.0053	U		<0.0053	U	
		VMP-23-10-102615	10/26/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0034	J		<0.0053	U		<0.0053	U	
		VMP-23-10-012516	1/25/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0038	J		<0.005	U		<0.005	U	
		VMP-23-10-062816	6/28/2016	0.0026	J		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0032	J		<0.0062	U		<0.0062	U	
		VMP-23-10-072216	7/22/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0034	J		<0.0059	U		<0.0059	U	
		VMP-23-10-101916	10/19/2016	0.0015	J		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U	
	25 ft	VMP-23-25-021511	2/15/2011	0.0032	J		<0.0097	U		<0.0076	U		<0.0076	U		0.0012	J		<0.0062	U		<0.0051	U		<0.0051	U	
		VMP-23-25-042111	4/21/2011	1.2			<0.099	U		<0.078	U		<0.078	U		<0.078	U		<0.064	U		<0.052	U		<0.052	U	
		VMP-23-25-072711	7/27/2011	0.0026	J		0.0026	J		0.003	J		0.0035	J		0.0043	J		<0.0071	U		<0.0058	U		<0.0058	U	
		VMP-23-25-110511	11/5/2011	<0.0031	U		<0.007	U		<0.0055	U		<0.0055	U		<0.0055	U		0.0015	J		<0.0037	U		<0.0037	U	
		VMP-23-25-012512	1/25/2012	0.15			<0.0063	U		<0.0049	U		<0.0049	U		<0.0049	U		0.002	J		<0.0033	U		<0.0033	U	
		VMP-23-25-040912	4/9/2012	0.007			<0.0073	U		<0.0057	U		<0.0057	U		<0.0057	U		0.0032	J		<0.0039	U		<0.0039	U	
		VMP-23-25-071012	7/10/2012	0.0018	J		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-23-25-100312	10/3/2012	0.0064			<0.012	U		<0.0091	U		<0.0091	U		<0.0091	J	U	0.0021	J		<0.0061	U		<0.0061	U	
		VMP-23-25-012413	1/24/2013	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-23-25-042213	4/22/2013	0.0033	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-23-25-072313	7/23/2013	0.0029	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	J	U	0.0034	J		<0.0056	U		<0.0056	U	
		VMP-23-25-102113	10/21/2013	<0.0046	U		<0.01	U		<0.0081	J	U	<0.0081	J	U	<0.0081	U		0.0023	J		<0.0054	U		<0.0054	U	
		VMP-23-25-021314	2/13/2014	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U	
		VMP-23-25-042114	4/21/2014	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0023	J		<0.0061	U		<0.0061	U	
		VMP-23-25-080514	8/5/2014	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.003	J		<0.0057	U		<0.0057	U	
		VMP-23-25-102414	10/24/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-23-25-012715	1/27/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-23-25-042715	4/27/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0027	J		<0.0056	U		<0.0056	U	
		VMP-23-25-072015	7/20/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0035	J		<0.0056	U		<0.0056	U	
		VMP-23-25-102615	10/26/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0031	J		<0.0054	U		<0.0054	U	
		VMP-23-25-012516	1/25/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0036	J		<0.0057	U		<0.0057	U	
		VMP-23-25-062816	6/28/2016	0.00089	J		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0029	J		<0.006	U		<0.0059	U	
		VMP-23-25-072216	7/22/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0028	J		<0.006	U		<0.006	U	
		VMP-23-25-101916	10/19/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0028	J		<0.0057	U		<0.0057	U	
	40 ft	VMP-23-40-071012	7/10/2012	0.0025	J		<0.0079	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0015	J		<0.0042	U		<0.0042	U	
		VMP-23-40-100312	10/3/2012	0.0068			<0.011	U		<0.0084	U		<0.0084	U		<0.0084	J	U	0.0025	J		<0.0057	U		<0.0057	U	
		VMP-23-40-012413	1/24/2013	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U	
		VMP-23-40-042213	4/22/2013	0.0076			<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.002	J		<0.0057	U		<0.0057	U	
		VMP-23-40-042213-Dup	4/22/2013	0.007			<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-23-40-102113	10/21/2013	0.0032	J	J	<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0021	J		<0.0057	U		<0.0057	U	
		VMP-23-40-021314	2/13/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0017	J		<0.0054	U		<0.0054	U	
		VMP-23-40-042114	4/21/2014	0.0021	J		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0026	J		<0.0052	U		<0.0052	U	
		VMP-23-40-080514	8/5/2014	0.0021	J		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0036	J		<0.0052	U		<0.0052	U	
		VMP-23-40-102414	10/24/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.003	J		<0.0053	U		<0.0053	U	
		VMP-23-40-012715	1/27/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-23-40-042715	4/27/2015	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	J	U	0.0031	J		<0.0062	U		<0.0062	U	
		VMP-23-40-072015	7/20/2015	0.0079			<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0047	J		<0.0053	U		<0.0053	U	
		VMP-23-40-102615	10/26/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0036	J		<0.0051	U		<0.0051	U	
		VMP-23-40-102615-DUP	10/26/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0031	J		<0.0053	U		<0.0053	U	
		VMP-23-40-012516	1/25/2016	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0049	J		<0.0048	U		<0.0048	U	
		VMP-23-40-072216	7/22/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0035	J		<0.0055	U		<0.0055	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-021611	2/16/2011	0.0032	J		<0.011	U		<0.0085	J	U	<0.0085	J	U	<0.0085	J	U	0.0017	J		<0.0057	U		<0.0057	U	
		VMP-24-5-040811	4/8/2011	0.71			<0.12	U		<0.09	U		<0.09	U		<0.09	U		<0.074	U		<0.061	U		<0.061	U	
		VMP-24-5-072811	7/28/2011	0.004	J		0.0024	J		0.0021	J		0.0027	J		0.0036	J		0.002	J		<0.0057	U		<0.0057	U	
		VMP-24-5-110211	11/2/2011	<0.0032	U		<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	U		0.0024	J		<0.0038	U		<0.0038	U	
		VMP-24-5-110211-DUP	11/2/2011	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	J	U	0.0023	J		<0.0053	U		<0.0053	U	
		VMP-24-5-012512	1/25/2012	<0.0028	U		<0.0062	U		<0.0048	U		<0.0048	U		<0.0048	U		0.0026	J		<0.0032	U		<0.0032	U	
		VMP-24-5-040912	4/9/2012	0.0016	J		<0.0073	U		<0.0057	U		<0.0057	U		<0.0057	U		0.0032	J		<0.0039	U		<0.0039	U	
		VMP-24-5-071212	7/12/2012	0.0019	J		<0.007	U		<0.0055	U		<0.0055	U		<0.0055	U		0.0021	J		<0.0037	U		<0.0037	U	
		VMP-24-5-101912	10/19/2012	0.0015	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	J	U	0.0025	J		<0.0057	U		<0.0057	U	
		VMP-24-5-012313	1/23/2013	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-24-5-050113	5/1/2013	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0023	J		<0.0062	U		<0.0062	U	
		VMP-24-5-073113	7/31/2013	0.0013	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0018	J		<0.0058	U		<0.0058	U	
		VMP-24-5-102113	10/21/2013	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0021	J		<0.0055	U		<0.0055	U	
		VMP-24-5-020614	2/6/2014	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		<0.0057	J	U	<0.0047	U		<0.0047	U	
		VMP-24-5-042114	4/21/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.002	J		<0.0053	U		<0.0053	U	
		VMP-24-5-072814	7/28/2014	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0021	J		<0.0054	U		<0.0054	U	
		VMP-24-5-102714	10/27/2014	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-24-5-020215	2/2/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-24-5-042715	4/27/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	J	U	<0.0088	U		0.002	J		<0.0059	U		<0.0059	U	
		VMP-24-5-072115	7/21/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	J	U	<0.0053	U		<0.0053	U	
		VMP-24-5-102915	10/29/2015	0.0018	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0029	J		<0.0055	U		<0.0055	U	
		VMP-24-5-012716	1/27/2016	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0031	J		<0.005	U		<0.005	U	
		VMP-24-5-042916	4/29/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-24-5-072716	7/27/2016	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0029	J		<0.006	U		<0.006	U	
		VMP-24-5-102816	10/28/2016	0.0014	J		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0026	J		<0.0044	U		<0.0044	U	
	10 ft	VMP-24-10-021711	2/17/2011	0.11			<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-24-10-041111	4/11/2011	0.15			<0.019	U		<0.015	U		<0.015	U		<0.015	U		0.0013	J		<0.01	U		<0.01	U	
		VMP-24-10-072811	7/28/2011	0.0016	J		0.0015	J		0.0014	J		<0.0083	U		0.0023	J		0.0019	J		<0.0056	U		<0.0056	U	
		VMP-24-10-110211	11/2/2011	<0.0028	U		<0.0063	U		<0.0049	U		<0.0049	U		<0.0049	U		0.0022	J		<0.0033	U		<0.0033	U	
		VMP-24-10-012512	1/25/2012	<0.0027	U		<0.006	U		<0.0046	U		<0.0046	U		<0.0046	U		0.0024	J		<0.0031	U		<0.0031	U	
		VMP-24-10-041012	4/10/2012	0.0022	J		<0.007	U		<0.0055	U		<0.0055	U		<0.0055	U		0.0036	J		<0.0037	U		<0.0037	U	
		VMP-24-10-071212	7/12/2012	<0.0036	U		<0.0081	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0023	J		<0.0043	U		<0.0043	U	
		VMP-24-10-100912	10/9/2012	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	J	U	0.0026	J		<0.0053	U		<0.0053	U	
		VMP-24-10-012313	1/23/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U	
		VMP-24-10-042513	4/25/2013	<0.018	U		<0.041	U		<0.032	U		<0.032	U		<0.032	U		<0.026	U		<0.021	U		<0.021	U	
		VMP-24-10-073113	7/31/2013	0.0032	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0019	J		<0.0058	U		<0.0058	U	
		VMP-24-10-102113	10/21/2013	0.0054		J	<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U	
		VMP-24-10-020614	2/6/2014	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0033	J		<0.0047	U		<0.0047	U	
		VMP-24-10-042114	4/21/2014	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0018	J		<0.0052	U		<0.0052	U	
		VMP-24-10-072814	7/28/2014	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.002	J		<0.0058	U		<0.0058	U	
		VMP-24-10-102714	10/27/2014	0.0012	J		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0048	U		<0.0048	U	
		VMP-24-10-020215	2/2/2015	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0027	J		<0.0045	U		<0.0045	U	
		VMP-24-10-042715	4/27/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0027	J		<0.0055	U		<0.0055	U	
		VMP-24-10-072115	7/21/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	J	U	<0.0052	U		<0.0052	U	
		VMP-24-10-102915	10/29/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U	
		VMP-24-10-012716	1/27/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0035	J		<0.0053	U		<0.0053	U	
		VMP-24-10-042916	4/29/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0026	J		<0.0058	U		<0.0058	U	
		VMP-24-10-072716	7/27/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-24-10-102816	10/28/2016	0.0019	J		<0.008	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0025	J		<0.0042	U		<0.0042	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	0.067			<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-24-22-041111	4/11/2011	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0032	J		<0.0051	U		<0.0051	U	
		VMP-24-22-072811	7/28/2011	<0.0043	U		0.0016	J		0.001	J		<0.0076	U		0.0016	J		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-24-22-072811-Dup	7/28/2011	<0.005	U		<0.011	U		0.001	J		<0.0087	U		0.002	J		0.0019	J		<0.0058	U		<0.0058	U	
		VMP-24-22-110611	11/6/2011	0.0011	J		<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0029	J		<0.0035	U		<0.0035	U	
		VMP-24-22-012512	1/25/2012	<0.0028	U		<0.0063	U		<0.0049	U		<0.0049	U		<0.0049	U		0.0026	J		<0.0033	U		<0.0033	U	
		VMP-24-22-041012	4/10/2012	0.0082			<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	U		0.0031	J		<0.0036	U		<0.0036	U	
		VMP-24-22-071212	7/12/2012	0.001	J		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		<0.0054	U		<0.0044	U		<0.0044	U	
		VMP-24-22-100912	10/9/2012	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0027	J		<0.0054	U		<0.0054	U	
		VMP-24-22-012313	1/23/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0029	J		<0.0057	U		<0.0057	U	
		VMP-24-22-042513	4/25/2013	0.0058			<0.01	U		<0.0081	U		<0.0081	U		<0.0081	J	U	0.0026	J		<0.0055	U		<0.0055	U	
		VMP-24-22-042513-Dup	4/25/2013	0.0035	J		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0029	J		<0.006	U		<0.006	U	
		VMP-24-22-073113	7/31/2013	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0022	J		<0.0058	U		<0.0058	U	
		VMP-24-22-102213	10/22/2013	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-24-22-020614	2/6/2014	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0033	J		<0.005	U		<0.005	U	
		VMP-24-22-042114	4/21/2014	<0.0045	U		<0.01	U		0.0019	J		<0.0078	U		<0.0078	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-24-22-072814	7/28/2014	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-24-22-102714	10/27/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-24-22-020215	2/2/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-24-22-042715	4/27/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-24-22-072115	7/21/2015	<0.0045	U	UJ	<0.01	U	UJ	<0.0079	U	UJ	<0.0079	U	UJ	<0.0079	U	UJ	<0.0065	J	UJ	<0.0053	U	UJ	<0.0053	U	UJ
		VMP-24-22-082415	8/24/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		<0.0072	U		<0.0059	U		<0.0059	U	
		VMP-24-22-082415-DUP	8/24/2015	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		<0.0075	U		<0.0062	U		<0.0062	U	
		VMP-24-22-102915	10/29/2015	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0028	J		<0.0058	U		<0.0058	U	
		VMP-24-22-012716	1/27/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0033	J		<0.0052	U		<0.0052	U	
		VMP-24-22-042916	4/29/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0025	J		<0.0059	U		<0.0059	U	
		VMP-24-22-072716	7/27/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0046	J		<0.0058	U		<0.0058	U	
		VMP-24-22-102816	10/28/2016	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0026	J		<0.0044	U		<0.0044	U	
	34 ft	VMP-24-34-021711	2/17/2011	0.0024	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-24-34-041111	4/11/2011	0.0018	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U	
		VMP-24-34-072811	7/28/2011	0.00092	J		<0.0082	U		<0.0064	U		<0.0064	U		0.0015	J		0.0016	J		<0.0043	U		<0.0043	U	
		VMP-24-34-110611	11/6/2011	0.0009	J		<0.0052	U		<0.0041	U		<0.0041	U		<0.0041	U		0.0028	J		<0.0028	U		<0.0028	U	
		VMP-24-34-012512	1/25/2012	<0.0029	U		<0.0064	U		<0.005	U		0.0011	J		0.0013	J		0.0031	J		<0.0034	U		<0.0034	U	
		VMP-24-34-041012	4/10/2012	0.0072			<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	U		0.0033	J		<0.0038	U		<0.0038	U	
		VMP-24-34-071212	7/12/2012	0.0022	J		<0.0069	U		<0.0054	U		<0.0054	U		<0.0054	U		0.0018	J		<0.0036	U		<0.0036	U	
		VMP-24-34-100912	10/9/2012	0.0018	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-24-34-012313	1/23/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0027	J		<0.0058	U		<0.0058	U	
		VMP-24-34-050613	5/6/2013	0.0075			<0.012	J	U	<0.0096	J	U	<0.0096	J	U	<0.0096	J	U	0.0023	J		<0.0065	U		<0.0065	U	
		VMP-24-34-073113	7/31/2013	<0.0048	U		<0.011	U		<0.0084	U	UJ	<0.0084	U		<0.0084	U		0.0018	J		<0.0056	U		<0.0056	U	
		VMP-24-34-073113-Dup	7/31/2013	<0.0048	U		<0.011	U		0.02		J	<0.0084	U		0.0028	J		0.0016	J		<0.0056	U		<0.0056	U	
		VMP-24-34-102213	10/22/2013	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0015	J		<0.0055	U		<0.0055	U	
		VMP-24-34-020614	2/6/2014	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U	
		VMP-24-34-042114	4/21/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U	
		VMP-24-34-072814	7/28/2014	0.0014	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U	
		VMP-24-34-072814-DUP	7/28/2014	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		<0.0075	U		<0.0061	U		<0.0061	U	
		VMP-24-34-102714	10/27/2014	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-24-34-102714-DUP	10/27/2014	0.0014	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U	
		VMP-24-34-020215	2/2/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U	
		VMP-24-34-020215-DUP	2/2/2015	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0.0047	U	
		VMP-24-34-042715	4/27/2015	<0.006	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0023	J		<0.0071	U		<0.0071	U	
		VMP-24-34-072115	7/21/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	J	U	<0.0054	U		<0.0054	U	
		VMP-24-34-072115-DUP	7/21/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		<0.0071	J	U	<0.0058	U		<0.0058	U	
		VMP-24-34-102915	10/29/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-24-34-012716	1/27/2016	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0033	J		<0.0061	U		<0.0061	U	
		VMP-24-34-042916	4/29/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0027	J		<0.0053	U		<0.0053	U	
		VMP-24-34-072716	7/27/2016	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0032	J		<0.0055	U		<0.0055	U	
		VMP-24-34-072716-DUP	7/27/2016	<0.0038	U		<0.0085	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0029	J		<0.0045	U		<0.0045	U	
		VMP-24-34-102816	10/28/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0023	J		<0.0058	U		<0.0058	U	
		VMP-24-34-102816-Dup	10/28/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	6			<0.093	U		<0.073	U		<0.073	U		<0.073	U		<0.06	U		<0.049	U		<0.049	U	
		VMP-25-5-040811	4/8/2011	0.12			<0.042	U		<0.033	J	U	<0.033	U		<0.033	U		<0.027	U		<0.022	U		<0.022	U	
		VMP-25-5-080911	8/9/2011	0.039			<0.009	J	U	<0.007	J	U	<0.007	J	U	<0.007	J	U	0.0025	J		<0.0047	U		0.0022	J	
		VMP-25-5-111711	11/17/2011	<0.0029	U		<0.0064	U		<0.005	U		<0.005	U		<0.005	U		0.0014	J	J	<0.0034	U		<0.0034	U	
		VMP-25-5-013112	1/31/2012	0.25			<0.047	U		<0.037	U		<0.037	U		<0.037	U		<0.03	U		<0.025	U		<0.025	U	
		VMP-25-5-042512	4/25/2012	0.00068	J		<0.0073	U		<0.0057	U		<0.0057	U		<0.0057	J	U	0.0023	J		<0.0039	U		<0.0039	U	
		VMP-25-5-072612	7/26/2012	0.48			<0.025	U		<0.02	U		<0.02	U		<0.02	J	U	<0.016	U		<0.013	U		<0.013	U	
		VMP-25-5-102612	10/26/2012	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-25-5-030613	3/6/2013	0.0042	J	J	<0.0099	U		<0.0077	J	U	<0.0077	J	U	<0.0077	J	U	0.0017	J		<0.0052	U		<0.0052	U	
		VMP-25-5-051713	5/17/2013	0.0017	J		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	J	U	0.0022	J		<0.0055	U		<0.0055	U	
		VMP-25-5-081513	8/15/2013	<0.0057	U		<0.013	U		<0.01	U		<0.01	J	U	<0.01	J	U	0.0028	J		<0.0067	U		<0.0067	U	
		VMP-25-5-081513-Dup	8/15/2013	<0.0048	U		<0.011	J	U	<0.0084	U		<0.0084	U		<0.0084	J	U	0.0016	J		<0.0056	U		<0.0056	U	
		VMP-25-5-111313	11/13/2013	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.002	J		<0.0053	U		<0.0053	U	
		VMP-25-5-050114	5/1/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0029	J		<0.0055	U		0.00085	J	
		VMP-25-5-081414	8/14/2014	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U	
		VMP-25-5-110514	11/5/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0033	J		<0.0051	U		<0.0051	U	
		VMP-25-5-021115	2/11/2015	0.0015	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0017	J		<0.0049	U		<0.0049	U	
		VMP-25-5-050715	5/7/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.002	J		<0.0055	U		<0.0055	U	
		VMP-25-5-073015	7/30/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0018	J		<0.0055	U		<0.0055	U	
		VMP-25-5-110515	11/5/2015	0.0016	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0052	U		<0.0052	U	
		VMP-25-5-021616	2/16/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-25-5-050416	5/4/2016	1			<0.19	U		<0.15	U		<0.15	U		<0.15	U		<0.12	U		<0.099	U		<0.099	U	
		VMP-25-5-080316	8/3/2016	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	U		<0.0063	U		<0.0063	U	
		VMP-25-5-103116	10/31/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0049	U		<0.0049	U	
	21 ft	VMP-25-21-031511	3/15/2011	1400		J	<18	U		<14	U		<14	U		<14	U		<12	U		<9.6	U		<9.6	U	
		VMP-25-21-031511-DUP	3/15/2011	2200		J	<23	U		<18	U		<18	U		<18	U		<15	U		<12	U		<12	U	
		VMP-25-21-040811	4/8/2011	1800			<190	U		22	J		<150	U		<150	U		<120	U		<100	U		<100	U	
		VMP-25-21-040811-DUP	4/8/2011	1700			<200	U		<150	U		<150	U		<150	U		<130	U		<100	U		<100	U	
		VMP-25-21-080911	8/9/2011	<28	U		<63	U		<50	U		<50	U		<50	U		<41	U		<33	U		<33	U	
		VMP-25-21-111711	11/17/2011	860			<86	U		<68	U		<68	U		<68	U		<56	U	UJ	<46	U		<46	U	
		VMP-25-21-111711-DUP	11/17/2011	800			<130	U		<100	U		<100	U		<100	U		<82	U	UJ	<67	U		<67	U	
		VMP-25-21-013112	1/31/2012	1400			<45	U		<35	U		<35	U		<35	U		<29	U		<24	U		<24	U	
		VMP-25-21-013112-DUP	2/1/2012	1600			<42	U		<33	U		<33	U		<33	U		<27	U		<22	U		<22	U	
		VMP-25-21-042512	4/25/2012	1400			<29	U		<22	U		<22	U		<22	U		<18	U		<15	U		<15	U	
		VMP-25-21-072612	7/26/2012	1400			<48	U		<38	U		<38	U		<38	U		<31	U		<26	U		<25	U	
		VMP-25-21-102612	10/26/2012	1400			<290	U		<230	U		<230	U		<230	U		<190	U		<150	U		<150	U	
		VMP-25-21-030613	3/6/2013	2300	J	J	<74	U		<58	U		<58	U		<58	U		<47	U		7.7	J		<39	U	
		VMP-25-21-051713	5/17/2013	1300			<52	U		<41	U		<41	U		<41	U		<34	U		<28	U		<28	U	
		VMP-25-21-081513	8/15/2013	920			<26	U		<21	U		<21	U		<21	U		<17	U		<14	U		<14	U	
		VMP-25-21-111313	11/13/2013	590			<70	U		<55	U		<55	U		<55	U		<45	U		<37	U		<37	U	
		VMP-25-21-111313-Dup	11/13/2013	580			<70	U		<55	U		<55	U		<55	U		<45	U		<37	U		<37	U	
		VMP-25-21-050114	5/1/2014	460			<48	U		<38	U		<38	U		<38	U		<31	U		<26	U		<25	U	
		VMP-25-21-081414	8/14/2014	220			<10	U		<7.9	U		<7.9	U		<7.9	U		<6.5	U	UJ	<5.3	U		<5.3	U	
		VMP-25-21-110514	11/5/2014	160			<3.1	U		<2.4	U		<2.4	U		<2.4	U		<2	U		<1.6	U		<1.6	U	
		VMP-25-21-021115	2/11/2015	86			<4.8	U		<3.7	U		<3.7	U		<3.7	U		<3.1	U		<2.5	U		<2.5	U	
		VMP-25-21-050715	5/7/2015	72			<9.2	U		<7.2	U		<7.2	U		<7.2	U		<6	U		<4.9	U		<4.9	U	
		VMP-25-21-073015	7/30/2015	86			<2.5	U		<1.9	U		<1.9	U		<1.9	U		<1.6	U		<1.3	U		<1.3	U	
		VMP-25-21-110515	11/5/2015	62			<2.2	U		<1.7	U		<1.7	U		<1.7	U		<1.4	U		<1.2	U		<1.2	U	
		VMP-25-21-050416	5/4/2016	0.053			<0.12	U		<0.091	U		<0.091	U		<0.091	U		<0.075	U		<0.061	U		<0.061	U	
		VMP-25-21-080316	8/3/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0038	J		<0.0057	U		<0.0057	U	
		VMP-25-21-103116	10/31/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-25-21-103116-Dup	10/31/2016	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	31 ft	VMP-25-31-030613	3/6/2013	580			<98	U		<76	U		<76	U		<76	U		<63	U		<51	U		<51	U	
		VMP-25-31-081513	8/15/2013	770			<51	U		<40	U		<40	U		<40	U		<33	U		<27	U		<27	U	
		VMP-25-31-111313	11/13/2013	540			<73	U		<57	U		<57	U		<57	U		<47	U		<38	U		<38	U	
		VMP-25-31-050114	5/1/2014	270			<44	U		<35	U		<35	U		<35	U		<29	U		<23	U		<23	U	
		VMP-25-31-081414	8/14/2014	210			<11	U		<8.6	U		<8.6	U		<8.6	U		<7.1	U	UJ	<5.8	U		<5.8	U	
		VMP-25-31-110514	11/5/2014	160			<5.1	U		<4	U		<4	U		<4	U		<3.3	U		<2.7	U		<2.7	U	
		VMP-25-31-021115	2/11/2015	93			<4.5	U		<3.5	U		<3.5	U		<3.5	U		<2.9	U		<2.4	U		<2.4	U	
		VMP-25-31-021115-DUP	2/11/2015	89			<4.5	U		<3.5	U		<3.5	U		<3.5	U		<2.9	U		<2.4	U		<2.4	U	
		VMP-25-31-050715	5/7/2015	65			<12	U		<9.8	U		<9.8	U		<9.8	U		<8	U		<6.6	U		<6.6	U	
		VMP-25-31-050715-DUP	5/7/2015	63			<12	U		<9.4	U		<9.4	U		<9.4	U		<7.8	U		<6.4	U		<6.4	U	
		VMP-25-31-073015	7/30/2015	62			<2.9	U		<2.3	U		<2.3	U		<2.3	U		<1.9	U		<1.5	U		<1.5	U	
		VMP-25-31-073015-DUP	7/30/2015	57			<2.6	U		<2	U		<2	U		<2	U		<1.6	U		<1.3	U		<1.3	U	
		VMP-25-31-110515	11/5/2015	56			<2.1	U		<1.6	U		<1.6	U		<1.6	U		<1.3	U		<1.1	U		<1.1	U	
		VMP-25-31-021616	2/16/2016	50			<3.1	U		<2.4	U		<2.4	U		<2.4	U		<2	U		<1.6	U		<1.6	U	
		VMP-25-31-021616-DUP	2/16/2016	52			<4.9	U		<3.8	U		<3.8	U		<3.8	U		<3.2	U		<2.6	U		<2.6	U	
		VMP-25-31-050416	5/4/2016	53			<5.4	U		<4.2	U		<4.2	U		<4.2	U		<3.5	U		<2.8	U		<2.8	U	
		VMP-25-31-080316	8/3/2016	0.082	J		<0.21	U		<0.16	U		<0.16	U		<0.16	U		<0.13	U		<0.11	U		<0.11	U	
		VMP-25-31-080316-DUP	8/3/2016	0.058	J		<0.18	U		<0.14	U		<0.14	U		<0.14	U		<0.12	U		<0.096	U		<0.096	U	
		VMP-25-31-103116	10/31/2016	46			<0.093	U		<0.073	U		<0.073	U		<0.073	U		<0.06	U		<0.049	U		<0.049	U	
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	<0.036	U		<0.081	U		<0.064	U		<0.064	U		<0.064	U		<0.052	U		<0.043	U		<0.043	U	
		VMP-29-10-100812	10/8/2012	<0.065	U		<0.14	U		<0.11	U		<0.11	U		<0.11	U		<0.093	U		<0.076	U		<0.076	U	
		VMP-29-10-020613	2/6/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U	
		VMP-29-10-050613	5/6/2013	0.0024	J		<0.01	U		<0.0082	U		<0.0082	J	U	<0.0082	J	U	0.0024	J		<0.0055	U		<0.0055	U	
		VMP-29-10-080513	8/5/2013	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-29-10-083013	8/30/2013	0.021			<0.011	U		<0.0089	U		<0.0089	U		<0.0089	UJ	UJ	0.0025	J		<0.006	U		<0.006	U	
		VMP-29-10-102513	10/25/2013	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0012	J		<0.0055	U		<0.0055	U	
		VMP-29-10-021214	2/12/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0021	J		<0.0048	U		<0.0048	U	
		VMP-29-10-042914	4/29/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.002	J		<0.0055	U		<0.0055	U	
		VMP-29-10-081214	8/12/2014	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0027	J		<0.0058	U		<0.0058	U	
		VMP-29-10-110314	11/3/2014	0.0011	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0029	J		<0.0056	U		<0.0056	U	
		VMP-29-10-020515	2/5/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0029	J		<0.0053	U		<0.0053	U	
		VMP-29-10-050615	5/6/2015	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0035	J		<0.0058	U		<0.0058	U	
		VMP-29-10-072715	7/27/2015	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0022	J		<0.0055	U		<0.0055	U	
		VMP-29-10-103015	10/30/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0053	J		<0.0053	U		<0.0053	U	
		VMP-29-10-012716	1/27/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0037	J		<0.0052	U		<0.0052	U	
		VMP-29-10-050216	5/2/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.003	J		<0.0055	U		<0.0055	U	
		VMP-29-10-072816	7/28/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0016	J		<0.0058	U		<0.0058	U	
		VMP-29-10-120916	12/9/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
	20 ft	VMP-29-20-073012	7/30/2012	<0.43	U		<0.96	U		<0.75	U		<0.75	U		<0.75	U		<0.62	U		<0.51	U		<0.51	U	
		VMP-29-20-073012-Dup	7/30/2012	<0.4	U		<0.9	U		<0.7	U		<0.7	U		<0.7	U		<0.58	U		<0.47	U		<0.47	U	
		VMP-29-20-100812	10/8/2012	<0.065	U		<0.14	U		<0.11	U		<0.11	U		<0.11	U		<0.093	U		<0.076	U		<0.076	U	
		VMP-29-20-020613	2/6/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-29-20-050613	5/6/2013	<0.019	U		<0.043	U		<0.033	U		<0.033	U		<0.033	U		<0.027	U		<0.022	U		<0.022	U	
		VMP-29-20-080513	8/5/2013	<0.024	U		<0.054	U		<0.042	U		<0.042	U		<0.042	U		<0.035	U		<0.028	U		<0.028	U	UJ
		VMP-29-20-102513	10/25/2013	0.0062	J		<0.018	U		<0.014	U		<0.014	U		<0.014	U		0.0025	J		<0.0094	U		<0.0094	U	
		VMP-29-20-021214	2/12/2014	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-29-20-042914	4/29/2014	0.0034	J		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0015	J		<0.0049	U		<0.0049	U	
		VMP-29-20-081214	8/12/2014	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-29-20-110314	11/3/2014	0.0011	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0029	J		<0.0056	U		<0.0056	J	U
		VMP-29-20-020515	2/5/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0027	J		<0.0054	U		<0.0054	U	
		VMP-29-20-050615	5/6/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0026	J		<0.0059	U		<0.0059	U	
		VMP-29-20-072715	7/27/2015	<0.0061	U		<0.014	U		<0.011	U		<0.011	U		<0.011	U		0.0027	J		<0.0072	U		<0.0072	U	
		VMP-29-20-103015	10/30/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0038	J		<0.0054	U		<0.0054	U	
	18 ft	VMP-29-20-020416-R	2/4/2016	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	U		<0.0063	U		<0.0063	U	
		VMP-29-20-050216	5/2/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U	
		VMP-29-20-072816	7/28/2016	<0.0097	U		<0.022	U		<0.017	U		<0.017	U		<0.017	U		<0.014	U		<0.011	U		<0.011	U	
		VMP-29-18-110316	11/3/2016	<0.009	U		<0.02	U		<0.016	U		<0.016	U		<0.016	U		<0.013	U		<0.011	U		<0.011	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	26 ft	VMP-29-30-073012	7/30/2012	<0.071	U		<0.16	U		<0.12	U		<0.12	U		<0.12	U		<0.1	U		<0.083	U		<0.083	U	
		VMP-29-30-100812	10/8/2012	<0.32	U		<0.71	U		<0.56	U		<0.56	U		0.059	J		<0.46	U		<0.37	U		<0.37	U	
		VMP-29-30-020613	2/6/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-29-30-050613	5/6/2013	<0.016	U		<0.037	U		<0.029	U		<0.029	U		<0.029	U		<0.024	U		<0.019	U		<0.019	U	
		VMP-29-30-080513	8/5/2013	<0.025	U		<0.056	U		<0.044	U		<0.044	U		<0.044	U		<0.036	U		<0.03	U		<0.03	U	UJ
		VMP-29-30-080513-Dup	8/5/2013	<0.041	U		<0.091	U		<0.072	U		<0.072	U		<0.072	U		<0.059	U		<0.048	U		<0.048	U	UJ
		VMP-29-30-102513	10/25/2013	<0.0064	U		<0.014	U		<0.011	U		<0.011	U		<0.011	U		0.0023	J		<0.0075	U		<0.0075	U	
		VMP-29-30-021214	2/12/2014	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0021	J		<0.0047	U		<0.0047	U	
		VMP-29-30-042914	4/29/2014	0.0014	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.002	J		<0.0055	U		<0.0055	U	
		VMP-29-30-081214	8/12/2014	<0.034	U		<0.076	U		<0.059	U		<0.059	U		<0.059	U		<0.049	U		<0.04	U		<0.04	U	
		VMP-29-30-111214-R	11/12/2014	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-29-30-111214-R-DUP	11/12/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0049	U		<0.0049	U	
		VMP-29-30-020615	2/6/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-29-30-050615	5/6/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-29-30-050615-DUP	5/6/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-29-30-080315	8/3/2015	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0029	J		<0.006	U		<0.006	U	
		VMP-29-30-103015	10/30/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.005	J		<0.0048	U		<0.0048	U	
		VMP-29-30-012716	1/27/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-29-30-050216	5/2/2016	<0.017	U		<0.037	U		<0.029	U		<0.029	U		<0.029	U		<0.024	U		<0.02	U		<0.02	U	
		VMP-29-30-072816	7/28/2016	<0.011	U		<0.025	U		<0.02	U		<0.02	U		<0.02	U		<0.016	U		<0.013	U		<0.013	U	
		VMP-29-26-110316	11/3/2016	<0.0045	J	U	<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-29-26-110316-Dup	11/3/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
VMP-30	10 ft	VMP-30-10-073012	7/30/2012	<0.13	U		<0.29	U		<0.22	U		<0.22	U		<0.22	U		<0.18	U		<0.15	U		<0.15	U	
		VMP-30-10-100812	10/8/2012	0.0013	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-30-10-020613	2/6/2013	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U	
		VMP-30-10-050613	5/6/2013	0.0037	J		<0.011	J	U	<0.0086	U		<0.0086	J	U	<0.0086	J	U	0.0025	J		<0.0058	U		<0.0058	U	
		VMP-30-10-080513	8/5/2013	<0.0096	U		<0.021	U		<0.017	U		<0.017	U		<0.017	U		0.003	J		<0.011	U		<0.011	U	
		VMP-30-10-102813	10/28/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		<0.0072	U		<0.0059	U		<0.0059	U	
		VMP-30-10-021214	2/12/2014	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0021	J		<0.0058	U		<0.0058	U	
		VMP-30-10-042914	4/29/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.002	J		<0.005	U		<0.005	U	
		VMP-30-10-080814	8/8/2014	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0032	J		<0.006	U		<0.006	U	
		VMP-30-10-110414	11/4/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0034	J		<0.0053	U		<0.0053	U	
		VMP-30-10-020615	2/6/2015	0.002	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0029	J		<0.0054	U		<0.0054	U	
		VMP-30-10-050515	5/5/2015	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0021	J		<0.0047	U		<0.0047	U	
		VMP-30-10-072715	7/27/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0053	U		<0.0053	U	
		VMP-30-10-103015	10/30/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	J	U	0.003	J		<0.0051	U		<0.0051	U	
		VMP-30-10-020416	2/4/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U	
		VMP-30-10-050216	5/2/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U	
		VMP-30-10-072816	7/28/2016	<0.019	U		<0.042	U		<0.033	U		<0.033	U		<0.033	U		<0.027	U		<0.022	U		<0.022	U	
		VMP-30-10-110316	11/3/2016	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U	
	18 ft	VMP-30-20-073012	7/30/2012	<0.55	U		<1.2	U		<0.96	U		<0.96	U		<0.96	U		<0.79	U		<0.64	U		<0.64	U	
		VMP-30-20-100812	10/8/2012	<0.2	U		<0.44	U		<0.35	U		<0.35	U		0.034	J		<0.29	U		<0.23	U		<0.23	U	
		VMP-30-20-020613	2/6/2013	<0.0045	U		<0.01	U		<0.0079	J	U	<0.0079	J	U	<0.0079	J	U	0.0022	J		<0.0053	U		<0.0053	U	
		VMP-30-20-050613	5/6/2013	<0.048	U		<0.11	U		<0.084	U		<0.084	U		<0.084	U		<0.069	U		<0.056	U		<0.056	U	
		VMP-30-20-080513	8/5/2013	<0.019	U		<0.043	U		<0.034	U		<0.034	U		<0.034	U		<0.028	U		<0.023	U		<0.023	U	UJ
		VMP-30-20-102813	10/28/2013	<0.0067	U		<0.015	U		<0.012	U		<0.012	U		<0.012	U		<0.0096	U		<0.0079	U		<0.0079	U	
		VMP-30-20-021214	2/12/2014	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U	
		VMP-30-20-042914	4/29/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0016	J		<0.0051	U		<0.0051	U	
		VMP-30-20-080814	8/8/2014	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.003	J		<0.0062	U		<0.0062	U	
		VMP-30-20-110414	11/4/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0037	J		<0.0054	U		<0.0054	U	
		VMP-30-20-020615	2/6/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0036	J		<0.0051	U		<0.0051	U	
		VMP-30-20-050515	5/5/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-30-20-072715	7/27/2015	<0.011	U		<0.025	U		<0.02	U		<0.02	U		<0.02	U		<0.016	U		<0.013	U		<0.013	U	
		VMP-30-20-103015	10/30/2015	0.0036	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0032	J		<0.0059	U		<0.0059	U	
		VMP-30-20-012716	1/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-30-20-050216	5/2/2016	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		<0.0074	U		<0.0061	U		<0.0061	U	
		VMP-30-20-072816	7/28/2016	<0.021	U		<0.047	U		<0.037	U		<0.037	U		<0.037	U		<0.03	U		<0.025	U		<0.025	U	
		VMP-30-18-110316	11/3/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-30	26 ft	VMP-30-30-073012	7/30/2012	<0.56	U		<1.2	U		<0.98	U		<0.98	U		<0.98	U		<0.81	U		<0.66	U		<0.66	U	
		VMP-30-30-100812	10/8/2012	<0.41	U		<0.92	U		<0.72	U		<0.72	U		<0.72	U		<0.6	U		<0.49	U		<0.49	U	
		VMP-30-30-020613	2/6/2013	<0.015	U		<0.034	U		<0.026	U		<0.026	U		<0.026	U		<0.022	U		<0.018	U		<0.018	U	
		VMP-30-30-050613	5/6/2013	<0.027	U		<0.061	U		<0.047	U		<0.048	U		<0.048	U		<0.039	U		<0.032	U		<0.032	U	
		VMP-30-30-081413	8/14/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	J	U	0.0022	J		<0.006	U		<0.006	U	
		VMP-30-30-102813	10/28/2013	<0.018	U		<0.039	U		<0.031	U		<0.031	U		<0.031	U		<0.025	U		<0.021	U		<0.021	U	
		VMP-30-30-021214	2/12/2014	<0.33	U		<0.74	U		<0.58	U		<0.58	U		<0.58	U		<0.47	U		<0.39	U		<0.39	U	
		VMP-30-30-042914	4/29/2014	<0.11	U		<0.24	U		<0.19	U		<0.19	U		<0.19	U		<0.15	U		<0.12	U		<0.12	U	
		VMP-30-30-042914-DUP	4/29/2014	<0.11	U		<0.26	U		<0.2	U		<0.2	U		<0.2	U		<0.16	U		<0.14	U		<0.14	U	
		VMP-30-30-080814	8/8/2014	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0031	J		<0.0055	U		<0.0055	U	
		VMP-30-30-110414	11/4/2014	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0031	J		<0.0048	U		<0.0048	U	
		VMP-30-30-020615	2/6/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0032	J		<0.0056	U		<0.0056	U	
		VMP-30-30-050515	5/5/2015	0.0028	J		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-30-30-050515-DUP	5/5/2015	0.002	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-30-30-072715	7/27/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0026	J		<0.006	U		<0.006	U	
		VMP-30-30-103015	10/30/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0023	J		<0.0049	U		<0.0049	J	U
		VMP-30-30-012716	1/27/2016	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0031	J		<0.0052	U		<0.0052	U	
		VMP-30-30-050216	5/2/2016	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		<0.0074	U		<0.0061	U		<0.0061	U	
		VMP-30-30-072816	7/28/2016	<0.042	U		<0.093	U		<0.073	U		<0.073	U		<0.073	U		<0.06	U		<0.049	U		<0.049	U	
		VMP-30-30-072816-DUP	7/28/2016	<0.033	U		<0.074	U		<0.058	U		<0.058	U		<0.058	U		<0.047	U		<0.039	U		<0.039	U	
		VMP-30-26-110316	11/3/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U	
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	<0.0033	U		<0.0073	U		<0.0057	U		<0.0057	U		<0.0057	J	U	0.0027	J		<0.0039	U		<0.0039	U	
		VMP-31-5-072012	7/20/2012	<0.0033	U		<0.0073	U		<0.0057	U		<0.0057	U		<0.0057	U		0.0026	J		<0.0039	U		<0.0039	U	
		VMP-31-5-102612	10/26/2012	0.014			<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U	
		VMP-31-5-021113	2/11/2013	0.0032	J		<0.0099	U		<0.0078	U		<0.0078	J	U	<0.0078	J	U	0.0022	J		<0.0052	U		<0.0052	U	
		VMP-31-5-051513	5/15/2013	0.00089	J		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	J	U	0.0022	J		<0.006	U		<0.0059	U	
		VMP-31-5-022614	2/26/2014	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		<0.0056	J	U	<0.0046	U		<0.0046	U	
	10 ft	VMP-31-10-042512	4/25/2012	0.018			<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	J	U	0.0025	J		<0.0052	U		<0.0052	U	
		VMP-31-10-072612	7/26/2012	<0.0034	U		<0.0075	U		<0.0059	U		<0.0059	J	U	<0.0059	J	U	0.0035	J		<0.0039	U		<0.0039	U	
		VMP-31-10-102612	10/26/2012	0.0022	J		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0023	J		<0.006	U		<0.006	U	
		VMP-31-10-021313	2/13/2013	0.004	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	J	U	0.0021	J		<0.0057	U		<0.0057	U	
		VMP-31-10-051713	5/17/2013	<0.0055	U		<0.012	J	U	<0.0097	J	U	<0.0097	J	U	<0.0097	J	U	0.0023	J		<0.0065	U		<0.0065	U	
		VMP-31-10-111313	11/13/2013	0.0014	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0027	J		<0.0051	U		<0.0051	U	
		VMP-31-10-022714	2/27/2014	0.0031	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.003	J		<0.0051	U		<0.0051	U	
	20 ft	VMP-31-20-101912	10/19/2012	4.4	J		<11	U		<8.3	U		<8.3	U		<8.3	U		<6.8	U		<5.6	U		<5.6	U	
		VMP-31-20-021113	2/11/2013	<0.068	U		<0.15	U		<0.12	U		<0.12	U		<0.12	U		<0.097	U		<0.08	U		<0.08	U	
		VMP-31-20-111213	11/12/2013	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
	30 ft	VMP-31-30-042512	4/25/2012	34			<3.8	U		<2.9	U		<2.9	U		<2.9	U		<2.4	U		<2	U		<2	U	
		VMP-31-30-042512-Dup	4/25/2012	38			<3.8	U		<2.9	U		<2.9	U		<2.9	U		<2.4	U		<2	U		<2	U	
		VMP-31-30-072012	7/20/2012	0.4			<0.73	U		<0.57	U		<0.57	U		<0.57	U		<0.47	U		<0.39	U		<0.39	U	
		VMP-31-30-101912	10/19/2012	0.42			<0.66	U		<0.52	U		<0.52	U		<0.52	U		<0.42	U		<0.35	U		<0.35	U	
		VMP-31-30-021113	2/11/2013	<4.8	U		<11	U		<8.5	U		<8.5	U		<8.5	U		<7	U		<5.7	U		<5.7	U	
		VMP-31-30-050713	5/7/2013	89			<91	U		<72	U		<72	U		<72	U		<59	U		<48	U		<48	U	
		VMP-31-30-080913	8/9/2013	<0.0054	U		<0.012	U		<0.0094	U		<0.0094	U		<0.0094	J	U	0.0024	J		<0.0064	U		<0.0064	U	
		VMP-31-30-111213	11/12/2013	0.0033	J		<0.0096	J	U	<0.0075	J	U	<0.0075	U		<0.0075	J	U	0.0027	J		<0.005	U		<0.005	U	
		VMP-31-30-022614	2/26/2014	260			<47	U		<37	U		<37	U		<37	U		<30	U		<25	U		<25	U	
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	0.00091	J		<0.0072	U		0.0012	J		<0.0056	J	U	<0.0056	J	U	0.003	J		<0.0038	U		<0.0038	J	U
		VMP-32-5-072012	7/20/2012	0.0034			<0.0064	U		<0.005	U		<0.005	U		<0.005	U		0.0025	J		<0.0034	U		<0.0034	U	
		VMP-32-5-101812	10/18/2012	0.016			<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		<0.0079	U		<0.0064	U		<0.0064	U	
		VMP-32-5-020513	2/5/2013	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	J	U	<0.0076	J	U	0.0024	J		<0.0051	U		<0.0051	U	
		VMP-32-5-050713	5/7/2013	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	J	U	<0.0082	J	U	0.0027	J		<0.0055	U		<0.0055	U	
		VMP-32-5-080213	8/2/2013	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0019	J		<0.0064	U		<0.0064	U	
		VMP-32-5-110813	11/8/2013	0.0026	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0035	J		<0.0058	U		<0.0058	U	
		VMP-32-5-050114	5/1/2014	0.0022	J		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0025	J		<0.0045	U		<0.0045	U	
		VMP-32-5-081314	8/13/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0021	J		<0.0055	U		<0.0055	U	
		VMP-32-5-110714	11/7/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U	
		VMP-32-5-021015	2/10/2015	<0.0035	U		<0.0079	U		<0.0062	U		<0.0062	U		<0.0062	U		0.0031	J		<0.0042	U		<0.0042	U	
		VMP-32-5-073115	7/31/2015	<0.0048	U	UJ	<0.011	U	UJ	<0.0084	U	UJ	<0.0084	U	UJ	<0.0084	U	UJ	0.0026	J	J	<0.0056	U	UJ	<0.0056	U	UJ
		VMP-32-5-082415	8/24/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-32-5-110415	11/4/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0049	J		<0.0061	U		<0.0061	U	
		VMP-32-5-012616	1/26/2016	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.005	J		<0.005	U		<0.005	U	
		VMP-32-5-042716	4/27/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-32-5-072616	7/26/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0059	U		<0.0059	U	
		VMP-32-5-102716	10/27/2016	0.0012	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	10 ft	VMP-32-10-041612	4/16/2012	0.0024	J		<0.0066	U		<0.0051	U		<0.0051	U		<0.0051	J	U	0.0027	J		<0.0035	U		<0.0035	J	U
		VMP-32-10-072012	7/20/2012	0.0022	J		<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	U		0.0022	J		<0.004	U		<0.004	U	
		VMP-32-10-101812	10/18/2012	0.012			<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0025	J		<0.006	U		<0.006	U	
		VMP-32-10-020513	2/5/2013	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
		VMP-32-10-050713	5/7/2013	0.0037	J		<0.011	J	U	<0.0085	J	U	<0.0085	J	U	<0.0085	J	U	0.0024	J		<0.0057	U		<0.0057	U	
		VMP-32-10-080213	8/2/2013	0.11			<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0018	J		<0.0055	U		<0.0055	U	
		VMP-32-10-082313-R	8/23/2013	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U	UJ	0.0023	J		<0.006	U		<0.0059	U	
		VMP-32-10-082313-R-DUP	8/23/2013	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U	UJ	0.0027	J		<0.0064	U		<0.0064	U	
		VMP-32-10-110813	11/8/2013	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0027	J		<0.0056	U		<0.0056	U	
		VMP-32-10-022814	2/28/2014	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-32-10-050114	5/1/2014	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.002	J		<0.0044	U		<0.0044	U	
		VMP-32-10-081314	8/13/2014	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0059	U		<0.0059	U	
		VMP-32-10-110714	11/7/2014	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U	
		VMP-32-10-021015	2/10/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-32-10-051115	5/11/2015	<0.0054	U	UJ	<0.012	U	UJ	<0.0095	U	UJ	<0.0095	U	UJ	<0.0095	U	UJ	<0.0078	U	UJ	<0.0064	U	UJ	<0.0064	U	UJ
		VMP-32-10-052915-R	5/29/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.002	J		<0.0057	U		<0.0057	U	
		VMP-32-10-110415	11/4/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0049	J		<0.0054	U		<0.0054	U	
		VMP-32-10-012616	1/26/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0034	J		<0.0053	U		<0.0053	U	
		VMP-32-10-042716	4/27/2016	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-32-10-072616	7/26/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0027	J		<0.0053	U		<0.0053	U	
		VMP-32-10-102716	10/27/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0053	U		<0.0053	U	
	20 ft	VMP-32-20-041612	4/16/2012	0.21			<0.15	U		0.041	J		0.05	J		0.058	J		<0.097	U		<0.079	U		<0.079	U	
		VMP-32-20-072012	7/20/2012	<0.0033	U		<0.0073	U		<0.0057	U		<0.0057	U		<0.0057	U		0.0027	J		<0.0039	U		<0.0039	U	
		VMP-32-20-101812	10/18/2012	0.0076			<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-32-20-020513	2/5/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-32-20-050713	5/7/2013	<0.0053	U		<0.012	U		<0.0093	J	U	<0.0093	J	U	<0.0093	J	U	0.0024	J		<0.0062	U		<0.0062	U	
		VMP-32-20-050713-Dup	5/7/2013	<0.0049	U		<0.011	J	U	<0.0085	J	U	<0.0085	J	U	<0.0085	J	U	0.0025	J		<0.0057	U		<0.0057	U	
		VMP-32-20-080213	8/2/2013	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-32-20-110813	11/8/2013	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-32-20-022814	2/28/2014	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U	
		VMP-32-20-050514	5/5/2014	0.0014	J		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.003	J		<0.0047	U		<0.0047	U	
		VMP-32-20-081314	8/13/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-32-20-110714	11/7/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-32-20-021015	2/10/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0029	J		<0.0055	U		<0.0055	U	
		VMP-32-20-051115	5/11/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-32-20-080315	8/3/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0055	U		<0.0055	U	
		VMP-32-20-110415	11/4/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.004	J		<0.0053	U		<0.0053	U	
		VMP-32-20-110415-DUP	11/4/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0037	J		<0.0058	U		<0.0058	U	
		VMP-32-20-021616	2/16/2016	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0033	J		<0.0046	U		<0.0046	U	
		VMP-32-20-042716	4/27/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-32-20-082616-R	8/29/2016	<0.006	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0025	J		<0.007	U		<0.007	U	
		VMP-32-20-102716	10/27/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
	30 ft	VMP-32-30-041612	4/16/2012	360			<3.6	U		<2.8	U		<2.8	U		<2.8	U		<2.3	U		<1.9	U		<1.9	U	
		VMP-32-30-072012	7/20/2012	200			<7.4	U		<5.8	U		<5.8	U		<5.8	U		<4.8	U		<3.9	U		<3.9	U	
		VMP-32-30-101812	10/18/2012	0.44			<0.42	U		<0.33	U		<0.33	U		<0.33	U		<0.27	U		<0.22	U		<0.22	U	
		VMP-32-30-020513	2/5/2013	<0.19	U		<0.43	U		<0.34	U		<0.34	U		<0.34	U		<0.28	U		<0.23	U		<0.23	U	
		VMP-32-30-050713	5/7/2013	460			<11	U		<8.7	U		<8.7	U		<8.7	U		<7.2	U		<5.9	U		<5.9	U	
		VMP-32-30-080213	8/2/2013	250			<1.7	U		<1.4	U		<1.4	U		<1.4	U		<1.1	U		<0.91	U		<0.91	U	
		VMP-32-30-110813	11/8/2013	5.7			<0.55	U		<0.43	U		<0.43	U		<0.43	U		<0.36	U		<0.29	U		<0.29	U	
		VMP-32-30-022814	2/28/2014	0.029		J	<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0023	J		<0.0047	U		<0.0047	U	
		VMP-32-30-022814-Dup	2/28/2014	0.041		J	<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0027	J		<0.0054	U		<0.0054	U	
		VMP-32-30-050114	5/1/2014	94			<1.2	U		<0.93	U		<0.93	U		<0.93	U		<0.76	U		<0.62	U		<0.62	U	
		VMP-32-30-081314	8/13/2014	0.0042	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0027	J		<0.0058	U		<0.0058	U	
		VMP-32-30-081314-DUP	8/13/2014	0.005			<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-32-30-110714	11/7/2014	0.12			<0.02	U		<0.016	U		<0.016	U		<0.016	U		<0.013	U		<0.011	U		<0.011	U	
		VMP-32-30-110714-DUP	11/7/2014	0.12			<0.023	U		<0.018	U		<0.018	U		<0.018	U		<0.015	U		<0.012	U		<0.012	U	
		VMP-32-30-021015	2/10/2015	0.0053			<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0031	J		<0.0051	U		<0.0051	U	
		VMP-32-30-050515	5/5/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-32-30-073115	7/31/2015	<0.0048	U	UJ	<0.011	U	UJ	<0.0084	U	UJ	<0.0084	U	UJ	<0.0084	U	UJ	0.0027	J	J	<0.0056	U	UJ	<0.0056	U	UJ
		VMP-32-30-073115-DUP	7/31/2015	<0.0054	U	UJ	<0.012	U	UJ	<0.0093	U	UJ	<0.0093	U	UJ	<0.0093	U	UJ	0.0022	J	J	<0.0063	U	UJ	<0.0063	U	UJ
		VMP-32-30-082415	8/24/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U	
		VMP-32-30-082415-DUP	8/24/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U	
		VMP-32-30-110415	11/4/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0059	U		<0.0059	U	
		VMP-32-30-020216	2/2/2016	0.00088	J		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0032	J		<0.0052	U		<0.0052	U	
		VMP-32-30-042716	4/27/2016	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0021	J		<0.0058	U		<0.0058	U	
		VMP-32-30-072616	7/26/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0052	J		<0.0057	U		<0.0057	U	
		VMP-32-30-102716	10/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	0.0065			<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U	
		VMP-41-10-100912	10/9/2012	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0032	J		<0.006	U		<0.006	U	
		VMP-41-10-012913	1/29/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0033	J		<0.006	U		<0.006	U	
		VMP-41-10-043013	4/30/2013	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0029	J		<0.0055	U		<0.0055	U	
		VMP-41-10-080213	8/2/2013	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.002	J		<0.0059	U		<0.0059	U	
		VMP-41-10-102913	10/29/2013	0.0026	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-41-10-021114	2/11/2014	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0021	J		<0.0044	U		<0.0044	U	
		VMP-41-10-042214	4/22/2014	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0023	J		<0.0054	U		<0.0054	U	
		VMP-41-10-073114	7/31/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U	
		VMP-41-10-102814	10/28/2014	0.0022	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0034	J		<0.005	U		<0.005	U	
		VMP-41-10-020415	2/4/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0022	J		<0.0049	U		<0.0049	U	
		VMP-41-10-020415-DUP	2/4/2015	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0027	J		<0.0049	U		<0.0049	U	
		VMP-41-10-043015	4/30/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0022	J		<0.006	U		<0.0059	U	
		VMP-41-10-072815	7/28/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0028	J		<0.0055	U		<0.0055	U	
		VMP-41-10-110215	11/2/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0048	J		<0.0053	U		<0.0053	U	
		VMP-41-10-012716	1/27/2016	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U	
		VMP-41-10-050216	5/2/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0035	J		<0.0052	U		<0.0052	U	
		VMP-41-10-072816	7/28/2016	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0032	J		<0.0049	U		<0.0049	U	
		VMP-41-10-102416	10/24/2016	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0022	J		<0.0061	U		<0.0061	U	
	20 ft	VMP-41-20-072712	7/27/2012	0.00088	J		<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	U		0.003	J		<0.0038	U		<0.0038	U	
		VMP-41-20-072712-Dup	7/27/2012	0.00069	J		<0.0073	U		<0.0057	U		<0.0057	U		<0.0057	U		0.0032	J		<0.0039	U		<0.0039	U	
		VMP-41-20-100912	10/9/2012	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0026	J		<0.0058	U		<0.0058	U	
		VMP-41-20-100912-Dup	10/9/2012	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	J	U	<0.0089	J	U	0.0028	J		<0.006	U		<0.006	U	
		VMP-41-20-012913	1/29/2013	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0027	J		<0.0061	U		<0.0061	U	
		VMP-41-20-043013	4/30/2013	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-41-20-043013-Dup	4/30/2013	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0032	J		<0.0057	U		<0.0057	U	
		VMP-41-20-080213	8/2/2013	0.001	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0015	J		<0.0057	U		<0.0057	U	
		VMP-41-20-102913	10/29/2013	0.00035	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U	
		VMP-41-20-021114	2/11/2014	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.002	J		<0.0044	U		<0.0044	U	
		VMP-41-20-042214	4/22/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-41-20-073114	7/31/2014	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0021	J		<0.0057	U		<0.0057	U	
		VMP-41-20-102814	10/28/2014	0.0025	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0029	J		<0.0054	U		<0.0054	U	
		VMP-41-20-020415	2/4/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-41-20-043015	4/30/2015	<0.11	U		<0.24	U		<0.19	U		<0.19	U		<0.19	U		<0.15	U		<0.12	U		<0.12	U	
		VMP-41-20-072815	7/28/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0021	J		<0.0059	U		<0.0059	U	
		VMP-41-20-110215	11/3/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0043	J		<0.0056	U		<0.0056	U	
		VMP-41-20-012716	1/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-41-20-050216	5/2/2016	<0.004	U		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U	
		VMP-41-20-072816	7/28/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0031	J		<0.006	U		<0.006	U	
		VMP-41-20-102416	10/24/2016	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0023	J		<0.0047	U		<0.0047	U	
	26 ft	VMP-41-30-100912	10/9/2012	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	J	U	0.0031	J		<0.0063	U		<0.0063	U	
		VMP-41-30-012913	1/29/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0032	J		<0.0057	U		<0.0057	U	
		VMP-41-30-043013	4/30/2013	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-41-30-080213	8/2/2013	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0018	J		<0.0061	U		<0.0061	U	
		VMP-41-30-102913	10/29/2013	0.0017	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0019	J		<0.0055	U		<0.0055	U	
		VMP-41-30-021114	2/11/2014	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0021	J		<0.0047	U		<0.0047	U	
		VMP-41-30-021114-Dup	2/11/2014	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0026	J		<0.0048	U		<0.0048	U	
		VMP-41-30-042214	4/22/2014	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-41-30-073114	7/31/2014	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-41-30-102814	10/28/2014	0.0027	J		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0049	U		<0.0049	U	
		VMP-41-30-020415	2/4/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0028	J		<0.0052	U		<0.0052	U	
		VMP-41-30-043015	4/30/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-41-30-043015-DUP	4/30/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-41-30-110215	11/2/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0039	J		<0.0054	U		<0.0054	U	
		VMP-41-30-110215-DUP	11/2/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0051	J		<0.0054	U		<0.0054	U	
		VMP-41-30-012716	1/27/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0018	J		<0.0053	U		<0.0053	U	
		VMP-41-30-012716-DUP	1/27/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0018	J		<0.0051	U		<0.0051	U	
		VMP-41-30-050216	5/2/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-41-30-072816	7/28/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-41-30-072816-DUP	7/28/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-41-26-102416	10/24/2016	0.0013	J		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0029	J		<0.0048	U		<0.0048	U	
		VMP-41-30-072712	7/27/2012	0.0051			<0.0073	U		<0.0057	U		<0.0057	U		<0.0057	U		0.003	J		<0.0039	U		<0.0039	U	
		VMP-41-30-072815	7/28/2015	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0021	J		<0.0064	U		<0.0064	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	0.047		J	<0.0066	U		<0.0051	U		<0.0051	U		<0.0051	J	U	0.0028	J		<0.0035	U		<0.0035	J	U
		VMP-42-10-041812-Dup	4/18/2012	0.036		J	<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	J	U	0.0027	J		<0.0035	U		<0.0035	J	U
		VMP-42-10-071912	7/19/2012	0.0028	J		<0.0073	U		<0.0057	U		<0.0057	U		<0.0057	U		0.0028	J		<0.0039	U		<0.0039	U	
		VMP-42-10-101212	10/12/2012	<0.0053	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	J	U	0.0024	J		<0.0062	U		<0.0062	U	
		VMP-42-10-013113	1/31/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U	
		VMP-42-10-043013	4/30/2013	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0026	J		<0.0062	U		<0.0062	U	
		VMP-42-20-043013	4/30/2013	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0026	J		<0.0062	U		<0.0062	U	
		VMP-42-10-080213	8/2/2013	0.002	J		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0016	J		<0.0062	U		<0.0062	U	
		VMP-42-10-102913	10/29/2013	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0067	U		<0.0055	U		<0.0055	U	
		VMP-42-10-020714	2/7/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.006	J	U	<0.0049	U		<0.0049	U	
		VMP-42-10-042214	4/22/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U	
		VMP-42-10-080614	8/6/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-42-10-110414	11/4/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0031	J		<0.0053	U		<0.0053	U	
		VMP-42-10-020315	2/3/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-42-10-042915	4/29/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0022	J		<0.0051	U		<0.0051	U	
		VMP-42-10-072115	7/21/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	J	U	<0.0053	U		<0.0053	U	
		VMP-42-10-102715	10/27/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0029	J		<0.0049	U		<0.0049	U	
		VMP-42-10-020116	2/1/2016	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0017	J		<0.0048	U		<0.0048	U	
		VMP-42-10-042616	4/26/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0018	J		<0.0057	U		<0.0057	U	
		VMP-42-10-072616	7/26/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		<0.0073	U		<0.006	U		<0.0059	U	
		VMP-42-10-102716	10/27/2016	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0026	J		<0.0052	U		<0.0052	U	
	20 ft	VMP-42-20-041812	4/18/2012	3			<3.4	U		<2.7	U		0.92	J		0.98	J		<2.2	U		<1.8	U		<1.8	U	
		VMP-42-20-071912	7/19/2012	0.013			<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	J	U	0.0025	J		<0.0038	U		<0.0038	U	
		VMP-42-20-101212	10/12/2012	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-42-20-101212-Dup	10/12/2012	0.0011	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-42-20-013113	1/31/2013	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.002	J		<0.0052	U		<0.0052	U	
		VMP-42-20-080213	8/2/2013	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0016	J		<0.0057	U		<0.0057	U	
		VMP-42-20-102913	10/29/2013	0.0021	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		0.00059	J	
		VMP-42-20-020714	2/7/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		<0.0062	J	U	<0.0051	U		<0.0051	U	
		VMP-42-20-042214	4/22/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-42-20-080614	8/6/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-42-20-110414	11/4/2014	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.003	J		<0.0052	U		<0.0052	J	U
		VMP-42-20-020315	2/3/2015	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0023	J		<0.0058	U		<0.0058	U	
		VMP-42-20-042915	4/29/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0025	J		<0.0059	U		<0.0059	U	
		VMP-42-20-072115	7/21/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	J	U	<0.0052	U		<0.0052	U	
		VMP-42-20-102715	10/27/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0028	J		<0.0062	U		<0.0062	U	
		VMP-42-20-020116	2/1/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U	
		VMP-42-20-042616	4/26/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-42-20-072616	7/26/2016	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		<0.0074	U		<0.006	U		<0.006	U	
		VMP-42-20-102676	10/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0027	J		<0.0054	U		<0.0054	U	
	30 ft	VMP-42-30-041912	4/19/2012	22			<7.2	U		<5.6	U		<5.6	U		<5.6	U		<4.6	U		<3.8	U		<3.8	U	
		VMP-42-30-071912	7/19/2012	0.23		J	<0.0067	U		<0.0053	U		<0.0053	U		<0.0053	U		0.0029	J	J	<0.0035	U		<0.0035	U	
		VMP-42-30-101212	10/12/2012	0.009			<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0058	U		<0.0058	U	
		VMP-42-30-101212-Dup	10/12/2012	0.0093			<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-42-30-013113	1/31/2013	0.0022	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-42-30-043013	4/30/2013	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	J	U	0.0024	J		<0.0056	U		<0.0056	U	
		VMP-42-30-080213	8/2/2013	0.0017	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0019	J		<0.0059	U		<0.0059	U	
		VMP-42-30-102913	10/29/2013	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-42-30-102913-Dup	10/29/2013	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-42-30-020714	2/7/2014	0.011			<0.0086	U		<0.0068	U		<0.0068	U		<0.0068	U		<0.0056	J	U	<0.0046	U		<0.0046	U	
		VMP-42-30-020714-Dup	2/7/2014	0.017			<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		<0.0057	J	U	<0.0046	U		<0.0046	U	
		VMP-42-30-042214	4/22/2014	0.0022	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.0051	U	
		VMP-42-30-042214-Dup	4/22/2014	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-42-30-080614	8/6/2014	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0023	J		<0.0054	U		<0.0054	U	
		VMP-42-30-110414	11/4/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.003	J		<0.0049	U		<0.0049	J	U
		VMP-42-30-020315	2/3/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-42-30-042915	4/29/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U	
		VMP-42-30-080315	8/3/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0023	J		<0.0054	U		<0.0054	U	
		VMP-42-30-080315-DUP	8/3/2015	0.001	J		<0.01	U		<0.0078	U		<0.0078	U		0.001	J		0.0034	J		<0.0052	U		<0.0052	U	
		VMP-42-30-102715	10/27/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U	
		VMP-42-30-020116	2/1/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0019	J		<0.0054	U		<0.0054	U	
		VMP-42-30-042616	4/26/2016	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		0.003	J		<0.0064	U		<0.0064	U	
		VMP-42-30-072616	7/26/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	U		<0.0051	U		<0.0051	U	
		VMP-42-30-102716	10/27/2016	0.0012	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0027	J		<0.0054	U		<0.0054	U	
		VMP-42-30-102716-Dup	10/27/2016	<0.0087	U		<0.019	U		<0.015	U		<0.015	U		<0.015	U		<0.012	U		<0.01	U		<0.01	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	0.011			<0.0075	U		<0.0059	U		<0.0059	U		<0.0059	J	U	0.0025	J		<0.004	U		<0.004	J	U
		VMP-43-10-071912	7/19/2012	0.01			<0.014	U		<0.011	U		<0.011	U		<0.011	U		0.0021	J		<0.0076	U		<0.0076	U	
		VMP-43-10-101612	10/16/2012	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		0.0022	J		<0.0064	U		<0.0064	U	
		VMP-43-10-051713	5/17/2013	0.015			<0.012	U		<0.0092	U		<0.0092	J	U	<0.0092	J	U	0.002	J		<0.0062	U		<0.0062	U	
		VMP-43-10-080913	8/9/2013	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	J	U	<0.0095	J	U	0.0024	J		<0.0064	U		<0.0064	U	
		VMP-43-10-111313	11/13/2013	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-43-10-022714	2/27/2014	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0025	J		<0.0049	U		<0.0049	U	
		VMP-43-10-050514	5/5/2014	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0026	J		<0.006	U		<0.006	U	
		VMP-43-10-080614	8/6/2014	<0.0045	U	UJ	<0.01	U	UJ	<0.0079	U	UJ	<0.0079	U	UJ	<0.0079	U	UJ	0.002	J	J	<0.0053	U	UJ	<0.0053	U	UJ
		VMP-43-10-021015	2/10/2015	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0025	J		<0.0044	U		<0.0044	U	
		VMP-43-10-050515	5/5/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-43-10-072115	7/21/2015	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0022	J		<0.0055	U		<0.0055	U	
		VMP-43-10-102915	10/29/2015	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0025	J		<0.0062	U		<0.0062	U	
		VMP-43-10-020116	2/1/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.002	J		<0.006	U		<0.006	U	
		VMP-43-10-042716	4/27/2016	0.00089	J		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0027	J		<0.006	U		<0.006	U	
		VMP-43-10-072716	7/27/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0029	J		<0.0052	U		<0.0052	U	
		VMP-43-10-102616	10/26/2016	0.0043			<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0024	J		<0.0046	U		<0.0046	U	
	20 ft	VMP-43-20-041612	4/16/2012	0.55			<0.073	U		<0.057	U		<0.057	U		<0.057	U		<0.047	U		<0.039	U		<0.039	U	
		VMP-43-20-071912	7/19/2012	0.0097	J		<0.026	U		<0.021	U		<0.021	U		<0.021	U		0.0046	J		<0.014	U		<0.014	U	
		VMP-43-20-101812	10/18/2012	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0031	J		<0.0053	U		<0.0053	U	
		VMP-43-20-012413	1/24/2013	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0031	J		<0.0053	U		<0.0053	U	
		VMP-43-20-043013	4/30/2013	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	J	U	0.0034	J		<0.0064	U		<0.0064	U	
		VMP-43-20-080913	8/9/2013	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	J	U	<0.0092	J	U	0.0058	J		<0.0062	U		<0.0062	U	
		VMP-43-20-102913	10/29/2013	0.0026	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-43-20-022714	2/27/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0029	J		<0.0053	U		<0.0053	U	
		VMP-43-20-081314	8/13/2014	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		<0.0074	U		<0.006	U		<0.006	U	
		VMP-43-20-110614	11/6/2014	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0021	J		<0.005	U		<0.005	U	
		VMP-43-20-021215	2/12/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U	
		VMP-43-20-021215-DUP	2/12/2015	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.002	J		<0.0049	U		<0.0049	U	
		VMP-43-20-050515	5/5/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0055	U		<0.0055	U	
		VMP-43-20-072115	7/21/2015	<0.0058	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0025	J		<0.0068	U		<0.0068	U	
		VMP-43-20-102915	10/29/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0029	J		<0.0049	U		<0.0049	U	
		VMP-43-20-102915-DUP	10/29/2015	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0025	J		<0.0048	U		<0.0048	U	
		VMP-43-20-020116	2/1/2016	<0.0073	U		<0.016	U		<0.013	U		<0.013	U		<0.013	U		<0.01	U		<0.0085	U		<0.0085	U	
		VMP-43-20-042716	4/27/2016	0.00074	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-43-20-072716	7/27/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		<0.0072	U		<0.0059	U		<0.0059	U	
		VMP-43-20-102616	10/26/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U	
	30 ft	VMP-43-30-042312	4/23/2012	0.0054	J		<0.067	U		<0.053	U		<0.053	U		<0.053	U		<0.043	U		<0.035	U		<0.035	U	
		VMP-43-30-071912	7/19/2012	0.0052			<0.0073	U		<0.0057	U		<0.0057	U		0.0011	J		0.003	J		<0.0039	U		<0.0039	U	
		VMP-43-30-101812	10/18/2012	0.0025	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U	
		VMP-43-30-012413	1/24/2013	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-43-30-043013	4/30/2013	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	J	U	0.0023	J		<0.0062	U		<0.0062	U	
		VMP-43-30-080913	8/9/2013	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0021	J		<0.0061	U		<0.0061	U	
		VMP-43-30-102913	10/29/2013	0.00029	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-43-30-022714	2/27/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0.0048	U	
		VMP-43-30-022714-Dup	2/27/2014	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.003	J		<0.0048	U		<0.0048	U	
		VMP-43-30-042214	4/22/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0032	J		<0.0056	U		<0.0056	U	
		VMP-43-30-080614	8/6/2014	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0017	J		<0.0059	U		0.0016	J	
		VMP-43-30-050515	5/5/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0024	J		<0.0061	U		<0.0061	U	
		VMP-43-30-050515-DUP	5/5/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-43-30-072115	7/21/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0021	J		<0.0055	U		<0.0055	U	
		VMP-43-30-102915	10/29/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.005	U	
		VMP-43-30-020116	2/1/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0018	J		<0.0056	U		<0.0056	U	
		VMP-43-30-042716	4/27/2016	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	U		<0.0063	U		<0.0063	U	
		VMP-43-30-042716-DUP	4/27/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U	
		VMP-43-30-072716	7/27/2016	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0047	J		<0.0057	U		<0.0057	U	
		VMP-43-30-102616	10/26/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-43-30-102616-Dup	10/26/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	220			<3.5	U		<2.8	U		<2.8	U		<2.8	U		<2.3	U		<1.8	U		<1.8	U	
		VMP-44-10-072012	7/20/2012	<0.53	U		<1.2	U		<0.92	U		<0.92	U		<0.92	U		<0.76	U		<0.62	U		<0.62	U	
		VMP-44-10-081012	8/10/2012	<0.31	U		<0.7	U		<0.55	U		<0.55	U		<0.55	U		<0.45	U		<0.37	U		<0.37	U	
		VMP-44-10-101212	10/12/2012	13			<2.2	U		<1.7	U		<1.7	U		<1.7	U		<1.4	U		<1.1	U		<1.1	U	
		VMP-44-10-012513	1/25/2013	9.3			<0.88	U		<0.69	U		<0.69	U		<0.69	U		<0.57	U		<0.46	U		<0.46	U	
		VMP-44-10-042913	4/29/2013	0.55			<0.81	U		<0.63	U		<0.63	U		<0.63	U		<0.52	U		<0.43	U		<0.43	U	
		VMP-44-10-080213	8/2/2013	0.044			<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0017	J		<0.0059	U		<0.0059	U	
		VMP-44-10-082313-R	8/23/2013	0.003	J		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0022	J		<0.0062	U		<0.0062	U	
		VMP-44-10-111113	11/11/2013	0.006			<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0052	U		<0.0052	U	
		VMP-44-10-022814	2/28/2014	0.0015	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0019	J		<0.005	U		<0.005	U	
		VMP-44-10-043014	4/30/2014	0.045			<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.003	J		<0.0046	U		<0.0046	U	
		VMP-44-10-080614	8/6/2014	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0018	J		<0.0062	U		<0.0062	U	
		VMP-44-10-110414	11/4/2014	<0.0043	U		<0.0096	U		0.0015	J		0.0012	J		<0.0075	U		0.0036	J		<0.005	U		<0.005	U	
		VMP-44-10-020415	2/4/2015	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U	
		VMP-44-10-050115	5/1/2015	<0.0047	U		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-44-10-072415	7/24/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-44-10-102815	10/28/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.006	J		<0.0061	U		<0.0061	U	
		VMP-44-10-012516	1/25/2016	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0031	J		<0.0049	U		<0.0049	U	
		VMP-44-10-042816	4/28/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0017	J		<0.0056	U		<0.0056	U	
		VMP-44-10-072716	7/27/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.002	J		<0.0058	U		<0.0058	U	
		VMP-44-10-102716	10/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
	20 ft	VMP-44-20-041912	4/19/2012	110			<0.77	U		<0.6	U		<0.6	U		<0.6	U		<0.5	U		<0.41	U		<0.41	U	
		VMP-44-20-072512	7/25/2012	120		J	<1.3	U		<1	U		<1	U		<1	U		<0.85	U		<0.69	U		<0.69	U	
		VMP-44-20-101212	10/12/2012	29			<4.4	U		<3.4	U		<3.4	U		<3.4	U		<2.8	U		<2.3	U		<2.3	U	
		VMP-44-20-012513	1/25/2013	3.2			<0.32	U		<0.25	U		<0.25	U		<0.25	U		<0.2	U		<0.17	U		<0.17	U	
		VMP-44-20-042913	4/29/2013	1.1			<0.36	U		<0.28	U		<0.28	U		<0.28	U		<0.23	U		<0.19	U		<0.19	U	
		VMP-44-20-081313	8/13/2013	<0.01	U		<0.023	U		<0.018	U		<0.018	U		<0.018	U		<0.015	U		<0.012	U		<0.012	U	
		VMP-44-20-111113	11/11/2013	0.004	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0027	J		<0.0053	U		<0.0053	U	
		VMP-44-20-022814	2/28/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-44-20-043014	4/30/2014	<0.0081	U		<0.018	U		<0.014	U		<0.014	U		<0.014	U		0.0035	J		<0.0095	U		0.0022	J	
		VMP-44-20-080614	8/6/2014	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		<0.0072	U		<0.0059	U		<0.0059	U	
		VMP-44-20-110414	11/4/2014	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0039	J		<0.0052	U		<0.0052	J	U
		VMP-44-20-020415	2/4/2015	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-44-20-051115	5/11/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
		VMP-44-20-072415	7/24/2015	0.00068	J		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0052	U		<0.0052	U	
		VMP-44-20-102815	10/28/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-44-20-020216-R	2/2/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0021	J		<0.0055	U		<0.0055	U	
		VMP-44-20-042816	4/28/2016	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		0.0022	J		<0.0065	U		<0.0065	U	
		VMP-44-20-072716	7/27/2016	<0.0056	U		<0.012	U		<0.0098	U		<0.0098	U		<0.0098	U		<0.0081	U		<0.0066	U		<0.0066	U	
		VMP-44-20-102716	10/27/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0029	J		<0.0053	U		<0.0053	U	
	30 ft	VMP-44-30-041912	4/19/2012	13			<0.45	U		<0.35	U		<0.35	U		<0.35	U		<0.29	U		<0.24	U		<0.24	U	
		VMP-44-30-072512	7/25/2012	2.1			<0.075	U		<0.059	U		<0.059	U		<0.059	U		<0.048	U		<0.04	U		<0.04	U	
		VMP-44-30-072512-Dup	7/25/2012	2.1			<0.075	U		<0.059	U		<0.059	U		<0.059	U		<0.048	U		<0.04	U		<0.04	U	
		VMP-44-30-101512	10/15/2012	5.9			<0.46	U		<0.36	U		<0.36	U		<0.36	U		<0.3	U		<0.24	U		<0.24	U	
		VMP-44-30-101512-Dup	10/15/2012	5.7			<0.43	U		<0.34	U		<0.34	U		<0.34	U		<0.28	U		<0.23	U		<0.23	U	
		VMP-44-30-012513	1/25/2013	0.022	J	J	<0.11	U	UJ	<0.087	U	UJ	<0.087	U	UJ	<0.087	U	UJ	<0.072	U	UJ	<0.059	U	UJ	<0.059	U	UJ
		VMP-44-30-043013	4/30/2013	0.68			<0.04	U		<0.031	U		<0.031	U		<0.031	U		<0.025	U		<0.021	U		<0.021	U	
		VMP-44-30-081313	8/13/2013	0.0085			<0.011	J	U	<0.0086	U		<0.0086	U		<0.0086	J	U	0.0015	J		<0.0058	U		<0.0058	U	
		VMP-44-30-111113	11/11/2013	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0053	U		<0.0053	U	
		VMP-44-30-022814	2/28/2014	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0018	J		<0.0047	U		<0.0047	U	
		VMP-44-30-043014	4/30/2014	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0031	J		<0.005	U		0.00098	J	
		VMP-44-30-080614	8/6/2014	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0019	J		<0.0054	U		<0.0054	U	
		VMP-44-30-110414	11/4/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0047	J		<0.0053	U		<0.0053	U	
		VMP-44-30-020415	2/4/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0053	U		<0.0053	U	
		VMP-44-30-051115	5/11/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U	
		VMP-44-30-072415	7/24/2015	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-44-30-102815	10/28/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0027	J		<0.0061	U		<0.0061	U	
		VMP-44-30-012516	1/25/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.003	J		<0.0052	U		<0.0052	U	
		VMP-44-30-050516	5/5/2016	<0.006	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		<0.0086	U		<0.007	U		<0.007	U	
		VMP-44-30-072716	7/27/2016	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0025	J		<0.0062	U		<0.0062	U	
		VMP-44-30-102716	10/27/2016	0.0016	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	0.0012	J		<0.007	U		<0.0055	U		<0.0055	U		<0.0055	U		0.0028	J		<0.0037	U		<0.0037	J	U
		VMP-45-10-071912	7/19/2012	0.0018	J		<0.0072	U		<0.0056	U		<0.0056	U		<0.0056	U		0.0026	J		<0.0038	U		<0.0038	U	
		VMP-45-10-101512	10/15/2012	0.00093	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0021	J		<0.0059	U		<0.0059	U	
		VMP-45-10-013013	1/30/2013	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U	
		VMP-45-10-042913	4/29/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0026	J		<0.0058	U		<0.0058	U	
		VMP-45-10-080513	8/5/2013	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0019	J		<0.006	U		<0.006	U	
		VMP-45-10-102913	10/29/2013	<0.0044	U		<0.0098	U		<0.0077	U	U	<0.0077	U		<0.0077	U		<0.0063	U		<0.0052	U		<0.0052	U	
		VMP-45-10-020714	2/7/2014	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0063	J	U	<0.0051	U		<0.0051	U	
		VMP-45-10-042214	4/22/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0023	J		<0.0051	U		<0.0051	U	
		VMP-45-10-080114	8/1/2014	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0021	J		<0.006	U		<0.006	U	
		VMP-45-10-102414	10/24/2014	0.0017	J		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-45-10-020615	2/6/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-45-10-051215	5/12/2015	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-45-10-072115	7/21/2015	0.0043	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	J	U	<0.0054	U		<0.0054	U	
		VMP-45-10-102815	10/28/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-45-10-030916-R	3/9/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-45-10-042816	4/28/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.002	J		<0.006	U		<0.006	U	
		VMP-45-10-082616	8/26/2016	0.0014	J		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0027	J		<0.0044	U		<0.0044	U	
		VMP-45-10-102816	10/28/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U	
	20 ft	VMP-45-20-041912	4/19/2012	2.4			<0.44	U		<0.34	U		<0.34	U		<0.34	U		<0.28	U		<0.23	U		<0.23	U	
		VMP-45-20-071912	7/19/2012	0.22			<0.14	U		<0.11	U		<0.11	U		<0.11	U		<0.088	U		<0.072	U		<0.072	U	
		VMP-45-20-101512	10/15/2012	0.0064			<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-45-20-013013	1/30/2013	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-45-20-042913	4/29/2013	0.0051			<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0022	J		<0.0062	U		<0.0062	U	
		VMP-45-20-042913-Dup	4/29/2013	0.0079			<0.011	U		<0.009	U		<0.009	U		<0.009	J	U	0.0026	J		<0.006	U		<0.006	U	
		VMP-45-20-080513	8/5/2013	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0016	J		<0.0061	U		<0.0061	U	
		VMP-45-20-102913	10/29/2013	0.00045	J		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0018	J		<0.0056	U		<0.0056	U	
		VMP-45-20-020714	2/7/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	J	U	<0.0055	U		<0.0055	U	
		VMP-45-20-042214	4/22/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0027	J		<0.0053	U		<0.0053	U	
		VMP-45-20-080114	8/1/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U	
		VMP-45-20-102414	10/24/2014	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-45-20-020615	2/6/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-45-20-042915	4/29/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0021	J		<0.006	U		<0.006	U	
		VMP-45-20-072115	7/21/2015	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		<0.0079	J	U	<0.0064	U		<0.0064	U	
		VMP-45-20-102815	10/28/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
		VMP-45-20-012516	1/25/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U	
		VMP-45-20-042816	4/28/2016	<0.0037	U		<0.0082	U		<0.0064	U		<0.0064	U		<0.0064	U		0.0022	J		<0.0043	U		<0.0043	U	
		VMP-45-20-072716	7/27/2016	<0.0053	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0027	J		<0.0063	U		<0.0063	U	
		VMP-45-20-102816	10/28/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0027	J		<0.0055	U		<0.0055	U	
	30 ft	VMP-45-30-041912	4/19/2012	3.4		J	<0.29	U		<0.23	U		<0.23	U		<0.23	U		<0.19	U		<0.15	U		<0.15	U	
		VMP-45-30-071912	7/19/2012	0.072			<0.073	U		<0.057	U		<0.057	U		<0.057	U		<0.047	U		<0.039	U		<0.039	U	
		VMP-45-30-101512	10/15/2012	0.0071			<0.011	U		<0.0083	U		<0.0083	U		<0.0083	J	U	0.0025	J		<0.0056	U		<0.0056	U	
		VMP-45-30-101512-Dup	10/15/2012	0.0075			<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.003	J		<0.0055	U		<0.0055	U	
		VMP-45-30-013013	1/30/2013	<0.0083	U		<0.018	U		<0.014	U		<0.014	U		<0.014	U		0.0018	J		<0.0098	U		<0.0098	U	
		VMP-45-30-042913	4/29/2013	<0.01	U		<0.022	U		<0.018	J	U	<0.018	U		<0.018	U		0.0026	J		<0.012	U		<0.012	U	
		VMP-45-30-080513	8/5/2013	<0.021	U		<0.046	U		<0.036	U		<0.036	U		<0.036	U		<0.03	U		<0.024	U		<0.024	U	
		VMP-45-30-102913	10/29/2013	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U	
		VMP-45-30-020714	2/7/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.0059	J	U	<0.0048	U		<0.0048	U	
		VMP-45-30-042214	4/22/2014	0.0034	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-45-30-080114	8/1/2014	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0017	J		<0.0054	U		<0.0054	U	
		VMP-45-30-102414	10/24/2014	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0059	U		<0.0059	U	
		VMP-45-30-111214-R	11/12/2014	0.0018	J		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0022	J		<0.0048	U		<0.0048	U	
		VMP-45-30-020615	2/6/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U	
		VMP-45-30-020615-DUP	2/6/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0032	J		<0.0052	U		<0.0052	U	
		VMP-45-30-042915	4/29/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-45-30-072115	7/21/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		<0.0075	J	U	<0.0061	U		<0.0061	U	
		VMP-45-30-072115-DUP	7/21/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		<0.0071	J	U	<0.0058	U		<0.0058	U	
		VMP-45-30-102815	10/28/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0032	J		<0.0048	U		<0.0048	U	
		VMP-45-30-012516	1/25/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0035	J		<0.0056	U		<0.0056	U	
		VMP-45-30-042816	4/28/2016	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0018	J		<0.0049	U		<0.0049	U	
		VMP-45-30-042816-DUP	4/28/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0016	J		<0.0051	U		<0.0051	U	
		VMP-45-30-072716	7/27/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0027	J		<0.0055	U		<0.0055	U	
		VMP-45-30-102816	10/28/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0053	U		<0.0053	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	0.0025	J		<0.011	U		<0.0087	U		0.0015	J		0.0022	J		0.003	J		<0.0058	U		<0.0058	U	
		VMP-47-5-012313-R	1/23/2013	33			<37	U		<29	U		<29	U		<29	U		<24	U		<20	U		<20	U	
		VMP-47-5-060513	6/5/2013	43			<24	U		<19	U		<19	U		<19	U		<15	U		<13	U		<13	U	
		VMP-47-5-072613	7/26/2013	0.0029	J		<0.01	U		<0.0079	U		<0.0079	J	U	<0.0079	J	U	0.0033	J		<0.0053	U		<0.0053	U	
		VMP-47-5-110813	11/8/2013	0.02	J		<0.07	U		<0.054	U		<0.054	U		<0.054	U		<0.045	U		<0.037	U		<0.037	U	
		VMP-47-5-021814	2/18/2014	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	J	U	<0.0052	U		<0.0052	U	
		VMP-47-5-042914	4/29/2014	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U	
		VMP-47-5-081314	8/13/2014	0.027			<0.024	U		<0.018	U		<0.018	U		<0.018	U		0.046			<0.012	U		<0.012	U	
		VMP-47-5-093014-R	9/30/2014	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0033	J		<0.0049	U		<0.0049	U	
		VMP-47-5-102814	10/28/2014	<0.0053	J	U	<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0027	J		<0.0062	U		<0.0062	U	
		VMP-47-5-020215	2/2/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-47-5-042815	4/28/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0021	J		<0.0057	U		<0.0057	U	
		VMP-47-5-072115	7/21/2015	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	J	U	<0.0063	U		<0.0063	U	
		VMP-47-5-102715	10/27/2015	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0024	J		<0.006	U		<0.006	U	
		VMP-47-5-012916	1/29/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0029	J		<0.0055	U		<0.0055	U	
		VMP-47-5-042516	4/25/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0026	J		<0.006	U		<0.006	U	
		VMP-47-5-072516	7/25/2016	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0028	J		<0.0057	U		<0.0057	U	
		VMP-47-5-102616	10/26/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0055	U		<0.0055	U	
	10 ft	VMP-47-10-012113	1/21/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	J	U	0.0035	J		<0.0056	U		<0.0056	U	
		VMP-47-10-012313-R	1/23/2013	3.5			<0.93	U		<0.73	U		<0.73	U		<0.73	U		<0.6	U		<0.49	U		<0.49	U	
		VMP-47-10-060513	6/5/2013	33			<22	U		<17	U		<17	U		<17	U		<14	U		<12	U		<12	U	
		VMP-47-10-072613	7/26/2013	3.2	J		<10	U		<8.1	U		<8.1	U		<8.1	U		<6.6	U		<5.4	U		<5.4	U	
		VMP-47-10-110813	11/8/2013	0.0072	J		<0.043	U		<0.033	U		<0.033	U		<0.033	U		<0.027	U		<0.022	U		<0.022	U	
		VMP-47-10-021814	2/18/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	J	U	<0.0051	U		<0.0051	U	
		VMP-47-10-042914	4/29/2014	<0.0046	U		<0.01	U		<0.0081	U		0.0012	J		<0.0081	U		0.0035	J		0.001	J		0.00089	J	
		VMP-47-10-073114	7/31/2014	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-47-10-102814	10/28/2014	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0033	J		<0.0044	U		<0.0044	U	
		VMP-47-10-020215	2/2/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U	
		VMP-47-10-042815	4/28/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0023	J		<0.0061	U		<0.0061	U	
		VMP-47-10-072115	7/21/2015	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	J	U	<0.0063	U		<0.0063	U	
		VMP-47-10-102715	10/27/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0029	J		<0.0057	U		<0.0057	U	
		VMP-47-10-012916	1/29/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.003	J		<0.0048	U		<0.0048	U	
		VMP-47-10-042516	4/25/2016	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0031	J		<0.006	U		<0.006	U	
		VMP-47-10-080216	8/2/2016	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0024	J		<0.0045	U		<0.0045	U	
		VMP-47-10-102616	10/26/2016	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.003	J		<0.0047	U		<0.0047	U	
	20 ft	VMP-47-20-012113	1/21/2013	<4.3	U		<9.7	U		<7.6	U		<7.6	U		<7.6	U		<6.2	U		<5.1	U		<5.1	U	
		VMP-47-20-012313-R	1/23/2013	27			<23	U		<18	U		<18	U		<18	U		<15	U		<12	U		<12	U	
		VMP-47-20-060513	6/5/2013	38			<22	U		<17	U		<17	U		<17	U		<14	U		<12	U		<12	U	
		VMP-47-20-060513-Dup	6/5/2013	38			<21	U		<16	U		<16	U		<16	U		<14	U		<11	U		<11	U	
		VMP-47-20-072613	7/26/2013	16			<19	U		<15	U		<15	U		<15	U		<12	U		<10	U		<10	U	
		VMP-47-20-110813	11/8/2013	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U	
		VMP-47-20-021914	2/19/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0062	J	U	<0.0051	U		<0.0051	U	
		VMP-47-20-042914	4/29/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-47-20-073114	7/31/2014	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U	
		VMP-47-20-102814	10/28/2014	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		<0.0074	U		<0.0061	U		<0.0061	U	
		VMP-47-20-020215	2/2/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-47-20-042815	4/28/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0028	J		<0.0059	U		<0.0059	U	
		VMP-47-20-072115	7/21/2015	0.0064			<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		<0.0075	J	U	<0.0061	U		<0.0061	U	
		VMP-47-20-102715	10/27/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
		VMP-47-20-012916	1/29/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0032	J		<0.0049	U		<0.0049	U	
		VMP-47-20-042516	4/25/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0022	J		<0.006	U		<0.0059	U	
		VMP-47-20-072516	7/25/2016	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0026	J		<0.0058	U		<0.0058	U	
		VMP-47-20-102616	10/26/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.005	U		<0.005	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	30 ft	VMP-47-30-012113	1/21/2013	<3.2	U		<7.1	U		<5.5	U		<5.5	U		<5.5	U		<4.5	U		<3.7	U		<3.7	U	
		VMP-47-30-012313-R	1/23/2013	33			<36	U		<29	U		<29	U		<29	U		<24	U		<19	U		<19	U	
		VMP-47-30-060513	6/5/2013	44			<22	U		<18	U		<18	U		<18	U		<14	U		<12	U		<12	U	
		VMP-47-30-072613	7/26/2013	62			<41	U		<32	U		<32	U		<32	U		<26	U		<21	U		<21	U	
		VMP-47-30-110813	11/8/2013	<0.044	U		<0.099	U		<0.078	U		<0.078	U		<0.078	U		<0.064	U		<0.052	U		<0.052	U	
		VMP-47-30-021914	2/19/2014	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	J	U	<0.0054	U		<0.0054	U	
		VMP-47-30-042914	4/29/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-47-30-042914-Dup	4/29/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0067	U		<0.0055	U		<0.0055	U	
		VMP-47-30-073114	7/31/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.002	J		<0.0053	U		<0.0053	U	
		VMP-47-30-073114-Dup	7/31/2014	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0023	J		<0.0062	U		<0.0062	U	
		VMP-47-30-102814	10/28/2014	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-47-30-102814-DUP	10/28/2014	0.0031	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0029	J		<0.0057	U		<0.0057	U	
		VMP-47-30-020215	2/2/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U	
		VMP-47-30-020215-DUP	2/2/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-47-30-042815	4/28/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.002	J		<0.0048	U		<0.0048	U	
		VMP-47-30-042815-DUP	4/28/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0027	J		<0.0058	U		<0.0058	U	
		VMP-47-30-072115	7/21/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		<0.0073	J	U	<0.006	U		<0.006	U	
		VMP-47-30-102715	10/27/2015	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0025	J		<0.0046	U		<0.0046	U	
		VMP-47-30-102715-DUP	10/27/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-47-30-012916-DUP	1/29/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-47-30-042516	4/25/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0023	J		<0.0059	U		<0.0059	U	
		VMP-47-30-042516-DUP	4/25/2016	<0.0057	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0046	J		<0.0067	U		<0.0067	U	
		VMP-47-30-072516	7/25/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U	
		VMP-47-30-102616	10/26/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0027	J		<0.0056	U		<0.0056	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0019	J		<0.0052	U		<0.0052	U	
		VMP-48-5-050313	5/3/2013	<0.0046	U		<0.01	J	U	<0.0081	U		<0.0081	J	U	<0.0081	J	U	0.0023	J		<0.0054	U		<0.0054	U	
		VMP-48-5-080613	8/6/2013	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-48-5-110513	11/5/2013	0.0016	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-48-5-022814	2/28/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-48-5-042814	4/28/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0053	U		<0.0053	U	
		VMP-48-5-080114	8/1/2014	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0024	J		<0.0061	U		<0.0061	U	
		VMP-48-05-102914	10/29/2014	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0025	J		<0.0057	U		<0.0057	U	
		VMP-48-5-020215	2/2/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0026	J		<0.0055	U		<0.0055	U	
		VMP-48-5-042815	4/28/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-48-5-072115	7/21/2015	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0026	J		<0.006	U		<0.006	U	
		VMP-48-5-102015	10/20/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0039	J		<0.0055	U		<0.0055	U	
		VMP-48-5-012916	1/29/2016	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0018	J		<0.0064	U		<0.0064	U	
		VMP-48-5-042516	4/25/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-48-5-072516	7/25/2016	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0032	J		<0.0062	U		<0.0062	U	
		VMP-48-5-102616	10/26/2016	0.0073			<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.002	J		<0.0046	U		<0.0046	U	
	10 ft	VMP-48-10-020113	2/1/2013	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-48-10-050813	5/8/2013	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	J	U	0.003	J		<0.0059	U		<0.0059	U	
		VMP-48-10-080613	8/6/2013	0.0017	J		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0029	J		<0.0053	U		<0.0053	U	
		VMP-48-10-103113	10/31/2013	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0021	J		<0.0056	U		<0.0056	U	
		VMP-48-10-021814	2/18/2014	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	J	U	<0.005	U		<0.005	U	
		VMP-48-10-042814	4/28/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		<0.006	U		<0.0049	U		<0.0049	U	
		VMP-48-10-080114	8/1/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-48-10-102914	10/29/2014	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.003	J		<0.0047	U		<0.0047	U	
		VMP-48-10-020215	2/2/2015	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0022	J		<0.0049	U		<0.0049	U	
		VMP-48-10-042815	4/28/2015	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-48-10-042815-DUP	4/28/2015	<0.0044	U		<0.0099	U		<0.0077	J	U	<0.0077	U		<0.0077	J	U	0.0028	J		<0.0052	U		<0.0052	U	
		VMP-48-10-072115	7/21/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-48-10-102015	10/20/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0032	J		<0.0055	U		<0.0055	U	
		VMP-48-10-012916	1/29/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-48-10-042516	4/25/2016	<0.0045	J	U	<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-48-10-072516	7/25/2016	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.004	J		<0.0058	U		<0.0058	U	
		VMP-48-10-102616	10/26/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
	20 ft	VMP-48-20-020113	2/1/2013	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0021	J		<0.0052	U		<0.0052	U	
		VMP-48-20-103113	10/31/2013	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0018	J		<0.0053	U		<0.0053	U	
		VMP-48-20-021814	2/18/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	J	U	<0.0053	U		<0.0053	U	
		VMP-48-20-042814	4/28/2014	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		<0.007	U		<0.0057	U		<0.0057	U	
		VMP-48-20-080114	8/1/2014	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0032	J		<0.0047	U		<0.0047	U	
		VMP-48-20-102914	10/29/2014	<0.0048	U	UJ	<0.011	U	UJ	<0.0084	U	UJ	<0.0084	U	UJ	<0.0084	U	UJ	0.0025	J	J	<0.0056	U	UJ	<0.0056	U	UJ
		VMP-48-20-111814-R	11/18/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U	
		VMP-48-20-020215	2/2/2015	<0.0039	U		<0.0088	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0019	J		<0.0046	U		<0.0046	U	
		VMP-48-20-042815	4/28/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-48-20-102015	10/20/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0036	J		<0.0053	U		<0.0053	U	
		VMP-48-20-042516	4/25/2016	<0.0052	J	U	<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0043	J		<0.0061	U		<0.0061	U	
		VMP-48-20-102616	10/26/2016	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0028	J		<0.005	U		<0.005	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-48	30 ft	VMP-48-30-020113	2/1/2013	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0031	J	J	<0.0053	U		<0.0053	U	
		VMP-48-30-020113-DUP	2/1/2013	<0.018	U		<0.04	U		<0.031	U		<0.031	U		<0.031	U		<0.026	U	UJ	<0.021	U		<0.021	U	
		VMP-48-30-050313	5/3/2013	0.0027	J		<0.0094	J	U	<0.0074	U		<0.0074	J	U	<0.0074	J	U	0.0027	J		<0.005	U		<0.005	U	
		VMP-48-30-080613	8/6/2013	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.003	J		<0.0056	U		<0.0056	U	
		VMP-48-30-110513	11/5/2013	0.0004	J		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0025	J		<0.0049	U		<0.0049	U	
		VMP-48-30-021814	2/18/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	J	U	<0.0053	U		<0.0053	U	
		VMP-48-30-042814	4/28/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U	
		VMP-48-30-042814-DUP	4/28/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U	
		VMP-48-30-080114	8/1/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U	
		VMP-48-30-080114-Dup	8/1/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0021	J		<0.005	U		<0.005	U	
		VMP-48-30-102914	10/29/2014	0.0016	J	J	<0.011	U	UJ	<0.0084	U	UJ	<0.0084	U	UJ	<0.0084	U	UJ	0.0028	J	J	<0.0057	U	UJ	<0.0057	U	UJ
		VMP-48-30-111814-R	11/18/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-48-30-020215	2/2/2015	0.0014	J		<0.0077	U		<0.006	U		<0.006	U		<0.006	U		0.0023	J		<0.0041	U		<0.0041	U	
		VMP-48-30-042815	4/28/2015	<0.0051	U		<0.011	U		0.0019	J		<0.0089	U		0.0019	J		0.0032	J		<0.006	U		0.0022	J	
		VMP-48-30-080315	8/3/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0034	J		<0.0059	U		<0.0059	U	
		VMP-48-30-102015	10/20/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0042	J		<0.0055	U		<0.0055	U	
		VMP-48-30-102015-DUP	10/20/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0046	J		<0.0055	U		<0.0055	U	
		VMP-48-30-012916	1/29/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0018	J		<0.0057	U		<0.0057	U	
		VMP-48-30-042516	4/25/2016	0.0062			<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0025	J		<0.0064	U		<0.0064	U	
		VMP-48-30-042516-DUP	4/25/2016	0.0046	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0035	J		<0.0056	U		<0.0056	U	
		VMP-48-30-072516	7/25/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0042	J		<0.005	U		<0.005	U	
		VMP-48-30-102616	10/26/2016	0.0052			<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U	
		VMP-48-30-102616-Dup	10/26/2016	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0024	J		<0.0052	U		<0.0052	U	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0021	J		<0.0054	U		<0.0054	U	
		VMP-49-5-050713	5/7/2013	0.002	J		<0.012	U		<0.0097	U		<0.0097	U		<0.0097	J	U	0.0026	J		<0.0065	U		<0.0065	U	
		VMP-49-5-080613	8/6/2013	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0025	J		<0.0062	U		<0.0062	U	
		VMP-49-5-111113	11/11/2013	<0.0047	U		<0.01	U		0.0052	J		<0.0082	U		<0.0082	J	U	0.0025	J		<0.0055	U		<0.0055	U	
		VMP-49-5-021814	2/18/2014	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-49-5-042814	4/28/2014	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U	
		VMP-49-5-080114	8/1/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U	
		VMP-49-5-102914	10/29/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-49-5-102914-DUP	10/29/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0029	J		<0.0054	U		<0.0054	U	
		VMP-49-5-020215	2/3/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-49-5-042815	4/28/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-49-5-073015	7/30/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0026	J		<0.0055	U		<0.0055	U	
		VMP-49-5-110315	11/3/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0042	J		<0.0058	U		<0.0058	U	
		VMP-49-5-020116	2/1/2016	0.0034	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-49-5-042616	4/26/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U	
		VMP-49-5-080116	8/1/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0033	J		<0.0052	U		<0.0052	U	
		VMP-49-5-102716	10/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
	10 ft	VMP-49-10-020113	2/1/2013	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-49-10-050713	5/7/2013	0.0012	J		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	J	U	0.0029	J		<0.0056	U		<0.0056	U	
		VMP-49-10-050713-Dup	5/7/2013	0.0012	J		<0.011	U		<0.009	U		<0.009	U		<0.009	J	U	0.0029	J		<0.006	U		<0.006	U	
		VMP-49-10-080613	8/6/2013	<0.0054	U		<0.012	U		<0.0094	U		<0.0094	U		<0.0094	U		0.0019	J		<0.0063	U		<0.0063	U	UJ
		VMP-49-10-103113	10/31/2013	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-49-10-021814	2/18/2014	0.008			<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0019	J		<0.005	U		<0.005	U	
		VMP-49-10-042814	4/28/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U	
		VMP-49-10-080114	8/1/2014	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.002	J		<0.0057	U		<0.0057	U	
		VMP-49-10-102914	10/29/2014	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0028	J		<0.0058	U		<0.0058	U	
		VMP-49-10-020215	2/3/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0018	J		<0.0053	U		<0.0053	U	
		VMP-49-10-042815	4/28/2015	<0.0064	U		<0.014	U		<0.011	U		<0.011	U		<0.011	U		0.0024	J		<0.0075	U		<0.0075	U	
		VMP-49-10-073015	7/30/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0028	J		<0.0061	U		<0.0061	U	
		VMP-49-10-110315	11/3/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0047	J		<0.0058	U		<0.0058	U	
		VMP-49-10-020116	2/1/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0026	J		<0.0059	U		<0.0059	U	
		VMP-49-10-042616	4/26/2016	<0.0055	U		<0.012	U		<0.0097	U		<0.0097	U		<0.0097	U		0.0028	J		<0.0065	U		<0.0065	U	
		VMP-49-10-080116	8/1/2016	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0027	J		<0.005	U		<0.005	U	
		VMP-49-10-102716	10/27/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0021	J		<0.0055	U		<0.0055	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	20 ft	VMP-49-20-020113	2/1/2013	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0052	U		<0.0052	U	
		VMP-49-20-050913	5/9/2013	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0027	J		<0.006	U		<0.0059	U	
		VMP-49-20-080613	8/6/2013	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.002	J		<0.0062	U		<0.0062	U	UJ
		VMP-49-20-080613-Dup	8/6/2013	0.0018	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0018	J		<0.0058	U		<0.0058	U	UJ
		VMP-49-20-111113	11/11/2013	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0031	J		<0.0052	U		<0.0052	U	
		VMP-49-20-021814	2/18/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U	
		VMP-49-20-042814	4/28/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U	
		VMP-49-20-080114	8/1/2014	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0016	J		<0.0058	U		<0.0058	U	
		VMP-49-20-102914	10/29/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-49-20-020215	2/3/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-49-20-073015	7/30/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-49-20-110315	11/3/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0037	J		<0.0049	U		<0.0049	U	
		VMP-49-20-020116	2/1/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-49-20-042616	4/26/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-49-20-080116	8/1/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0028	J		<0.0052	U		<0.0052	U	
		VMP-49-20-102716	10/27/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
	30 ft	VMP-49-30-020113	2/1/2013	0.54			<0.47	U		<0.37	U		<0.37	U		<0.37	U		<0.3	U		<0.25	U		<0.25	U	
		VMP-49-30-050813	5/8/2013	0.25	J		<1	U		<0.78	U		<0.78	U		<0.78	U		<0.64	U		<0.52	U		<0.52	U	
		VMP-49-30-080613	8/6/2013	1			<0.96	U		<0.75	U		<0.75	U		<0.75	U		<0.62	U		<0.51	U		<0.51	U	
		VMP-49-30-111113	11/11/2013	<0.14	U		<0.32	U		<0.25	U		<0.25	U		<0.25	U		<0.2	U		<0.17	U		<0.17	U	
		VMP-49-30-021814	2/18/2014	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0019	J		<0.0058	U		<0.0058	U	
		VMP-49-30-021814-Dup	2/18/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0018	J		<0.0054	U		<0.0054	U	
		VMP-49-30-042814	4/28/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U	
		VMP-49-30-080114	8/1/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-49-30-102914	10/29/2014	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0027	J		<0.0056	U		<0.0056	U	
		VMP-49-30-020215	2/3/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-49-30-042815	4/28/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0017	J		<0.0062	U		<0.0062	U	
		VMP-49-30-073015	7/30/2015	2.3			<1.4	U		<1.1	U		<1.1	U		<1.1	U		<0.92	U		<0.76	U		<0.76	U	
		VMP-49-30-073015-DUP	7/30/2015	2.1			<1.4	U		<1.1	U		<1.1	U		<1.1	U		<0.9	U		<0.74	U		<0.74	U	
		VMP-49-30-110315	11/3/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0038	J		<0.0054	U		<0.0054	U	
		VMP-49-30-110315-DUP	11/3/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0041	J		<0.005	U		<0.005	U	
		VMP-49-30-020116	2/1/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-49-30-020116-DUP	2/1/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0052	U		<0.0052	U	
		VMP-49-30-042716	4/27/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-49-30-042716-DUP	4/27/2016	0.0023	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0021	J		<0.005	U		<0.005	U	
		VMP-49-30-080116	8/1/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0026	J		<0.0058	U		<0.0058	U	
		VMP-49-30-080116-DUP	8/1/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.003	J		<0.0058	U		<0.0058	U	
		VMP-49-30-102716	10/27/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	J	U	<0.0076	J	U	0.0027	J		<0.0051	U		<0.0051	U	
		VMP-50-5-050713	5/7/2013	<0.0049	U		<0.011	J	U	<0.0085	U		<0.0085	J	U	<0.0085	J	U	0.0026	J		<0.0057	U		<0.0057	U	
		VMP-50-5-080713	8/7/2013	0.0012	J		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.002	J		<0.0056	U		<0.0056	U	UJ
		VMP-50-5-110713	11/7/2013	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0021	J		<0.0055	U		<0.0055	U	
		VMP-50-5-022614	2/26/2014	<0.0044	J	U	<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		<0.0063	J	U	<0.0051	U		<0.0051	U	
		VMP-50-5-043014	4/30/2014	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0034	J		<0.0044	U		0.00097	J	
		VMP-50-5-081414	8/14/2014	0.0027	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0059	U		<0.0059	U	
		VMP-50-5-110614	11/6/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U	
		VMP-50-5-021015	2/10/2015	0.0037	J		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0026	J		<0.0052	U		<0.0052	U	
		VMP-50-5-050515	5/5/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0028	J		<0.006	U		<0.006	U	
		VMP-50-5-073015	7/30/2015	0.0021	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0025	J		<0.0058	U		<0.0058	U	
		VMP-50-5-110315	11/3/2015	<0.0039	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0046	J		<0.0046	U		<0.0046	U	
		VMP-50-5-020216	2/2/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0025	J		<0.0058	U		<0.0058	U	
		VMP-50-5-050316	5/3/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-50-5-080216	8/2/2016	<0.0062	U		<0.014	U		<0.011	U		<0.011	U		<0.011	U		0.0034	J		<0.0073	U		<0.0073	U	
		VMP-50-5-103116	10/31/2016	<0.0078	U		<0.017	U		<0.014	U		<0.014	U		<0.014	U		0.0022	J		<0.0092	U		<0.0092	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-50	10 ft	VMP-50-10-020113	2/1/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-50-10-050713	5/7/2013	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	J	U	<0.0091	J	U	0.0028	J		<0.0061	U		<0.0061	U	
		VMP-50-10-080713	8/7/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U	UJ
		VMP-50-10-080713-Dup	8/7/2013	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U	UJ
		VMP-50-10-110713	11/7/2013	<0.0044	U		<0.0098	J	U	<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U	
		VMP-50-10-022614	2/26/2014	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		<0.0058	J	U	<0.0047	U		<0.0047	U	
		VMP-50-10-043014	4/30/2014	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.003	J		<0.0048	U		<0.0048	U	
		VMP-50-10-081414	8/14/2014	0.0029	J		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		<0.0079	U		<0.0064	U		<0.0064	U	
		VMP-50-10-110614	11/6/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U	
		VMP-50-10-021015	2/10/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-50-10-050515	5/5/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-50-10-073015	7/30/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0029	J		<0.0061	U		<0.0061	U	
		VMP-50-10-110315	11/3/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0041	J		<0.0051	U		<0.0051	U	
		VMP-50-10-020216	2/2/2016	0.0019	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0029	J		<0.0049	U		<0.0049	U	
		VMP-50-10-050316	5/3/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-50-10-082616	8/26/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0033	J		<0.0052	U		<0.0052	U	
		VMP-50-10-103116	10/31/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0029	J		<0.0053	U		<0.0053	U	
	20 ft	VMP-50-20-020113	2/1/2013	0.16			<0.041	U		<0.032	U		<0.032	U		<0.032	U		<0.026	U		<0.022	U		<0.022	U	
		VMP-50-20-050713	5/7/2013	2			<0.08	U		<0.062	U		<0.062	U		<0.062	U		<0.051	U		<0.042	U		<0.042	U	
		VMP-50-20-080713	8/7/2013	0.67			<0.038	U		<0.03	U		<0.03	U		<0.03	U		<0.025	U		<0.02	U		<0.02	J	UJ
		VMP-50-20-110713	11/7/2013	0.014			<0.01	J	U	<0.0082	U		<0.0082	U		<0.0082	U		<0.0068	U		<0.0055	U		<0.0055	U	
		VMP-50-20-110713-Dup	11/7/2013	0.015			<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U	
		VMP-50-20-022614	2/26/2014	0.0059			<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	J	U	<0.005	U		<0.005	U	
		VMP-50-20-043014	4/30/2014	0.0037	J		<0.018	U		<0.014	U		<0.014	U		<0.014	U		0.0029	J		<0.0098	U		<0.0098	U	
		VMP-50-20-081414	8/14/2014	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-50-20-110614	11/6/2014	0.0009	J		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0019	J		<0.0047	U		<0.0047	U	
		VMP-50-20-021015	2/10/2015	<0.004	U		<0.009	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0025	J		<0.0048	U		<0.0048	U	
		VMP-50-20-050515	5/5/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0032	J		<0.0058	U		<0.0058	U	
		VMP-50-20-073015	7/30/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.003	J		<0.0056	U		<0.0056	U	
		VMP-50-20-110315	11/3/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0049	J		<0.0056	U		<0.0056	U	
		VMP-50-20-020216	2/2/2016	<0.0057	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0032	J		<0.0068	U		<0.0068	U	
		VMP-50-20-050316	5/3/2016	<0.0055	U		<0.012	U		<0.0097	U		<0.0097	U		<0.0097	U		<0.008	U		<0.0065	U		<0.0065	U	
		VMP-50-20-082616	8/26/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0031	J		<0.0055	U		<0.0055	U	
		VMP-50-20-103116	10/31/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U	
	30 ft	VMP-50-30-020113	2/1/2013	370			<10	U		<7.8	U		1	J		<7.8	U		<6.4	U		<5.2	U		<5.2	U	
		VMP-50-30-050713	5/7/2013	400			<5.9	U		<4.6	U		<4.6	U		<4.6	U		<3.8	U		<3.1	U		<3.1	U	
		VMP-50-30-080713	8/7/2013	40			<11	U		<8.5	U		<8.5	U		<8.5	U		<7	U		<5.7	U		<5.7	U	
		VMP-50-30-110713	11/7/2013	260			<1.7	U		<1.4	U		<1.4	U		<1.4	U		<1.1	U		<0.92	U		<0.92	U	
		VMP-50-30-022614	2/26/2014	100			<1.6	U		<1.3	U		<1.3	U		<1.3	U		<1	U		<0.85	U		<0.85	U	
		VMP-50-30-022614-Dup	2/26/2014	98			<1.5	U		<1.2	U		<1.2	U		<1.2	U		<0.96	U		<0.78	U		<0.78	U	
		VMP-50-30-043014	4/30/2014	120			<4.8	U		<3.8	U		<3.8	U		<3.8	U		<3.1	U		<2.6	U		<2.5	U	
		VMP-50-30-043014-DUP	4/30/2014	130			<4.8	U		<3.7	U		<3.7	U		<3.7	U		<3.1	U		<2.5	U		<2.5	U	
		VMP-50-30-081414	8/14/2014	23			<0.4	U		<0.32	U		<0.32	U		<0.32	U		<0.26	U	UJ	<0.21	U		<0.21	U	
		VMP-50-30-081414-Dup	8/14/2014	22			<0.37	U		<0.29	U		<0.29	U		<0.29	U		<0.24	U	UJ	<0.2	U		<0.2	U	
		VMP-50-30-110614	11/6/2014	81			<0.96	U		<0.75	U		<0.75	U		<0.75	U		<0.62	U		<0.5	U		<0.5	U	
		VMP-50-30-110614-DUP	11/6/2014	80			<1.1	U		<0.85	U		<0.85	U		<0.85	U		<0.7	U		<0.57	U		<0.57	U	
		VMP-50-30-021015	2/10/2015	71			<2.4	U		<1.9	U		<1.9	U		<1.9	U		<1.5	U		<1.3	U		<1.3	U	
		VMP-50-30-050515	5/5/2015	44			<2.3	U		<1.8	U		<1.8	U		<1.8	U		<1.4	U		<1.2	U		<1.2	U	
		VMP-50-30-061515-R	6/15/2015	45			<1	U		<0.83	U		<0.83	U		<0.83	U		<0.68	U		<0.56	U		<0.56	U	
		VMP-50-30-073015	7/30/2015	32			<1.5	U		<1.2	U		<1.2	U		<1.2	U		<0.97	U		<0.8	U		<0.8	U	
		VMP-50-30-110315	11/3/2015	32			<0.1	U		<0.081	U		<0.081	U		<0.081	U		<0.066	U		<0.054	U		<0.054	U	
		VMP-50-30-020216	2/2/2016	29			<3.1	U		<2.4	U		<2.4	U		<2.4	U		<2	U		<1.6	U		<1.6	U	
		VMP-50-30-020216-DUP	2/2/2016	33			<3.5	U		<2.8	U		<2.8	U		<2.8	U		<2.3	U		<1.8	U		<1.8	U	
		VMP-50-30-050316	5/3/2016	18			<0.37	U		<0.29	U		<0.29	U		<0.29	U		<0.24	U		<0.19	U		<0.19	U	
		VMP-50-30-080216	8/2/2016	12			0.13			<0.085	U		<0.085	U		<0.085	U		<0.07	U		<0.057	U		<0.057	U	
		VMP-50-30-103116	10/31/2016	16			<0.22	U		<0.17	U		<0.17	U		<0.17	U		<0.14	U		<0.11	U		<0.11	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0021	J		<0.0055	U		<0.0055	U	
		VMP-51-5-050213	5/2/2013	0.005			<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-51-5-080713	8/7/2013	<0.0094	U		<0.021	U		<0.016	U		<0.016	U		<0.016	U		<0.014	U		<0.011	U		<0.011	U	UJ
		VMP-51-5-103013	10/30/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.002	J		<0.006	U		<0.006	U	
		VMP-51-5-021814	2/18/2014	<0.004	U		<0.0089	U		<0.007	U		<0.007	U		<0.007	U		0.0019	J		<0.0047	U		<0.0047	U	
		VMP-51-5-042814	4/28/2014	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		<0.0074	U		<0.006	U		<0.006	U	
		VMP-51-5-080114	8/1/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.002	J		<0.0053	U		<0.0053	U	
		VMP-51-05-102914	10/29/2014	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.002	J		<0.0048	U		<0.0048	U	
		VMP-51-5-020315	2/3/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-51-5-042915	4/29/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U	
		VMP-51-5-072115	7/21/2015	0.0022	J		<0.01	U		<0.0078	J	U	<0.0078	U		<0.0078	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-51-5-102815	10/28/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0028	J		<0.0061	U		<0.0061	U	
		VMP-51-5-012516	1/25/2016	<0.0039	U		<0.0086	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0025	J		<0.0046	U		<0.0046	U	
		VMP-51-5-042816	4/28/2016	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0028	J		<0.0057	U		<0.0057	U	
		VMP-51-5-072716	7/27/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0031	J		<0.0057	U		<0.0057	U	
		VMP-51-5-101916	10/19/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0025	J		<0.0057	U		<0.0057	U	
	10 ft	VMP-51-10-020113	2/1/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-51-10-050213	5/2/2013	0.0083			<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0025	J		<0.0058	U		<0.0058	U	
		VMP-51-10-080713	8/7/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.002	J		<0.0057	U		<0.0057	U	UJ
		VMP-51-10-103013	10/30/2013	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-51-10-021814	2/18/2014	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0018	J		<0.0051	U		<0.0051	U	
		VMP-51-10-042814	4/28/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-51-10-080114	8/1/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U	
		VMP-51-10-102914	10/29/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0053	U		<0.0053	U	
		VMP-51-10-020315	2/3/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0049	U		<0.0049	U	
		VMP-51-10-042915	4/29/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0026	J		<0.0055	U		<0.0055	U	
		VMP-51-10-072115	7/21/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.002	J		<0.0061	U		<0.0061	U	
		VMP-51-10-102815	10/28/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-51-10-012516	1/25/2016	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.005	U	
		VMP-51-10-042816	4/28/2016	0.0027	J		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.002	J		<0.0055	U		<0.0055	U	
		VMP-51-10-042816-DUP	4/28/2016	0.0016	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-51-10-072716	7/27/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0028	J		<0.0059	U		<0.0059	U	
		VMP-51-10-101916	10/19/2016	<0.004	U		<0.0089	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0024	J		<0.0047	U		<0.0047	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	0.0014	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	J	U	0.0026	J		<0.0053	U		<0.0053	U	
		VMP-51-20-050213	5/2/2013	0.0022	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0026	J		<0.0057	U		<0.0057	U	
		VMP-51-20-080713	8/7/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.002	J		<0.006	U		<0.006	U	
		VMP-51-20-103013	10/30/2013	0.0019	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0023	J		<0.0054	U		<0.0054	U	
		VMP-51-20-021814	2/18/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0019	J		<0.0054	U		<0.0054	U	
		VMP-51-20-042814	4/28/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		<0.0065	U		<0.0053	U		<0.0053	U	
		VMP-51-20-080114	8/1/2014	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0023	J		<0.0058	U		<0.0058	U	
		VMP-51-20-102914	10/29/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0033	J		<0.0051	U		<0.0051	U	
		VMP-51-20-020315	2/3/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-51-20-042915	4/29/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0042	J		<0.0051	U		<0.0051	U	
		VMP-51-20-072115	7/21/2015	0.0049	J		<0.014	U		<0.011	U		<0.011	U		<0.011	U		0.0025	J		<0.0072	U		<0.0072	U	
		VMP-51-20-102815	10/28/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0032	J		<0.0051	U		<0.0051	U	
		VMP-51-20-012516	1/25/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-51-20-042816	4/28/2016	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0024	J		<0.0064	U		<0.0064	U	
		VMP-51-20-052516-R	5/25/2016	<0.0047	U		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-51-20-072716	7/27/2016	<0.0055	U		<0.012	U		<0.0097	U		<0.0097	U		<0.0097	U		0.0023	J		<0.0065	U		<0.0065	U	
		VMP-51-20-101916-Dup	10/19/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0034	J		<0.0052	U		<0.0052	U	
		VMP-51-20-101916	10/19/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.002	J		<0.0051	U		<0.0051	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	30 ft	VMP-51-30-020413	2/4/2013	0.0049			<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.002	J		<0.0058	U		<0.0058	U	
		VMP-51-30-020413-DUP	2/4/2013	0.0087			<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-51-30-050213	5/2/2013	0.0043	J		<0.011	J	U	<0.0086	J	U	<0.0086	J	U	<0.0086	J	U	0.0031	J		<0.0058	U		<0.0058	U	
		VMP-51-30-080713	8/7/2013	<0.0052	U		<0.012	U		<0.0091	J	U	<0.0091	J	U	<0.0091	J	U	0.0028	J		<0.0061	U		<0.0061	U	
		VMP-51-30-103013	10/30/2013	<0.0089	U		<0.02	U		<0.016	U		<0.016	U		<0.016	U		<0.013	U		<0.01	U		<0.01	U	
		VMP-51-30-021814	2/18/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U	
		VMP-51-30-042814	4/28/2014	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U	
		VMP-51-30-080114	8/1/2014	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-51-30-102914	10/29/2014	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0021	J		<0.0052	U		<0.0052	U	
		VMP-51-30-102914-DUP	10/29/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-51-30-020315	2/3/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-51-30-020315-DUP	2/3/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-51-30-042915	4/29/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0028	J		<0.0055	U		<0.0055	U	
		VMP-51-30-042915-DUP	4/29/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-51-30-072115	7/21/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0027	J		<0.0052	U		<0.0052	U	
		VMP-51-30-102815	10/28/2015	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0024	J		<0.0063	U		<0.0063	U	
		VMP-51-30-012516	1/25/2016	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0033	J		<0.0055	U		<0.0055	U	
		VMP-51-30-012516-DUP	1/25/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0034	J		<0.0054	U		<0.0054	U	
		VMP-51-30-042816	4/28/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0026	J		<0.0052	U		<0.0052	U	
		VMP-51-30-072716	7/27/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-51-30-072716-DUP	7/27/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-51-30-101916	10/19/2016	0.0021	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	J	U	<0.0076	J	U	0.0024	J		<0.0051	U		<0.0051	U	
		VMP-52-5-050213	5/2/2013	0.0033	J		<0.011	U		<0.009	U		<0.009	J	U	<0.009	J	U	0.0026	J		<0.006	U		<0.006	U	
		VMP-52-5-050213-Dup	5/2/2013	0.0087			<0.011	U		<0.0084	U		<0.0084	U		<0.0084	J	U	0.0029	J		<0.0057	U		<0.0057	U	
		VMP-52-5-080713	8/7/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	J	U	0.0027	J		<0.0057	UJ	UJ	<0.0057	U	
		VMP-52-5-103013	10/30/2013	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0053	U		<0.0053	U	
		VMP-52-5-022114	2/21/2014	0.005			<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0053	U		<0.0053	U	
		VMP-52-5-050514	5/5/2014	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.0051	U	
		VMP-52-5-050514-Dup	5/5/2014	0.0015	J		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0021	J		<0.0049	U		<0.0049	U	
		VMP-52-5-080114	8/1/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U	
		VMP-52-5-103114	10/31/2014	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.003	J		<0.0049	U		<0.0049	U	
		VMP-52-5-020415	2/4/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
		VMP-52-5-042915	4/29/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0037	J		<0.0059	U		<0.0059	U	
		VMP-52-5-072715	7/27/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0024	J		<0.006	U		<0.0059	U	
		VMP-52-5-102915	10/29/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0056	U		<0.0056	U	
		VMP-52-5-012516	1/25/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0043	J		<0.0054	U		<0.0054	U	
		VMP-52-5-042516	4/25/2016	0.019			<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-52-5-072716	7/27/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0028	J		<0.006	U		<0.0059	U	
		VMP-52-5-102716	10/27/2016	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
	10 ft	VMP-52-10-020413	2/4/2013	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U	
		VMP-52-10-051613	5/16/2013	0.036			<0.011	U		<0.0086	U		<0.0086	J	U	<0.0086	J	U	0.0026	J		<0.0058	U		<0.0058	U	
		VMP-52-10-080713	8/7/2013	<0.005	U		<0.011	U		<0.0087	J	U	<0.0087	U		<0.0087	J	U	0.003	J		<0.0058	U		<0.0058	U	
		VMP-52-10-103013	10/30/2013	0.0017	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-52-10-022114	2/21/2014	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0021	J		<0.0052	U		<0.0052	U	
		VMP-52-10-080114	8/1/2014	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.002	J		<0.0057	U		<0.0057	U	
		VMP-52-10-103114	10/31/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U	
		VMP-52-10-020415	2/4/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0019	J		<0.0053	U		<0.0053	U	
		VMP-52-10-042915	4/29/2015	<0.0057	U		<0.013	U		<0.0099	U		<0.0099	U		<0.0099	U		<0.0081	U		<0.0066	U		<0.0066	U	
		VMP-52-10-072715	7/27/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0027	J		<0.0055	U		<0.0055	U	
		VMP-52-10-102915	10/29/2015	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-52-10-012516	1/25/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0034	J		<0.0051	U		<0.0051	U	
		VMP-52-10-042516	4/25/2016	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		<0.0077	U		<0.0063	U		<0.0063	U	
		VMP-52-10-072716	7/27/2016	<0.0054	U		<0.012	U		<0.0094	U		<0.0094	U		<0.0094	U		0.0028	J		<0.0063	U		<0.0063	U	
		VMP-52-10-102716	10/27/2016	<0.0047	U		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-52	20 ft	VMP-52-20-020413	2/4/2013	0.023			<0.01	U		<0.008	J	U	<0.008	J	U	<0.008	J	U	0.0028	J		<0.0054	U		<0.0054	U	
		VMP-52-20-020413-DUP	2/4/2013	0.018			<0.0099	U		<0.0077	U		<0.0077	J	U	<0.0077	J	U	0.0022	J		<0.0052	U		<0.0052	U	
		VMP-52-20-050213	5/2/2013	0.0023	J		<0.012	U		<0.009	U		<0.009	U		<0.009	J	U	0.0028	J		<0.0061	U		<0.0061	U	
		VMP-52-20-080713	8/7/2013	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	J	U	0.0027	J		<0.0063	U		<0.0063	U	
		VMP-52-20-103013	10/30/2013	0.0005	J		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-52-20-022114	2/21/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0018	J		<0.0056	U		<0.0056	U	
		VMP-52-20-042914	4/29/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0021	J		<0.0054	U		0.0026	J	
		VMP-52-20-082014-R	8/20/2014	<0.0047	U		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-52-20-103114	10/31/2014	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0027	J		<0.0052	U		<0.0052	U	
		VMP-52-20-020415	2/4/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0055	U		<0.0055	U	
		VMP-52-20-042915	4/29/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0026	J		<0.0055	U		<0.0055	U	
		VMP-52-20-072715	7/27/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-52-20-102915	10/29/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-52-20-012516	1/25/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0038	J		<0.0056	U		<0.0056	U	
		VMP-52-20-042516	4/25/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-52-20-072716	7/27/2016	<0.0056	U		<0.013	U		<0.0099	U		<0.0099	U		<0.0099	U		0.0026	J		<0.0066	U		<0.0066	U	
		VMP-52-20-102716	10/27/2016	0.0016	J		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0031	J		<0.0051	U		<0.0051	U	
	30 ft	VMP-52-30-020413	2/4/2013	0.023			<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-52-30-050613	5/6/2013	0.0035	J		<0.01	U		<0.0083	U		<0.0083	U		<0.0083	J	U	0.003	J		<0.0056	U		<0.0056	U	
		VMP-52-30-080713	8/7/2013	0.0022	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-52-30-103013	10/30/2013	0.0035	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-52-30-022114	2/21/2014	0.0016	J		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.002	J		<0.0052	U		<0.0052	U	
		VMP-52-30-022114-Dup	2/21/2014	0.0015	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0021	J		<0.0051	U		<0.0051	U	
		VMP-52-30-042914	4/29/2014	0.0014	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-52-30-042914-DUP	4/29/2014	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0022	J		<0.0058	U		<0.0058	U	
		VMP-52-30-080114	8/1/2014	0.0016	J		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-52-30-080114-Dup	8/1/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.002	J		<0.0053	U		<0.0053	U	
		VMP-52-30-103114	10/31/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-52-30-020415	2/4/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-52-30-020415-DUP	2/4/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-52-30-042915	4/29/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0029	J		<0.0049	U		<0.0049	U	
		VMP-52-30-072715	7/27/2015	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-52-30-102915	10/29/2015	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-52-30-020216-R	2/2/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0024	J		<0.0058	U		<0.0058	U	
		VMP-52-30-042516	4/25/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0023	J		<0.0053	U		<0.0053	U	
		VMP-52-30-072716	7/27/2016	<0.0057	U		<0.013	U		<0.0099	U		<0.0099	U		<0.0099	U		0.002	J		<0.0067	U		<0.0067	U	
		VMP-52-30-102716	10/27/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0024	J		<0.006	U		<0.006	U	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-53-5-050213	5/2/2013	0.0072			<0.012	U		<0.0092	U		<0.0092	U		<0.0092	J	U	0.003	J		<0.0062	U		<0.0062	U	
		VMP-53-5-071113-R	7/11/2013	<0.0071	U		0.0038	J		<0.012	J	U	<0.012	J	U	0.0063	J		<0.01	U		<0.0083	U		<0.0083	U	
		VMP-53-5-080613	8/6/2013	<0.0092	U		<0.021	U		<0.016	U		<0.016	U		<0.016	U		<0.013	U		<0.011	U		<0.011	U	
		VMP-53-5-103013	10/30/2013	<0.0086	U		<0.019	U		<0.015	U		<0.015	U		<0.015	U		0.0023	J		<0.01	U		<0.01	U	
		VMP-53-5-022114	2/21/2014	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U	
		VMP-53-5-042514	4/25/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0018	J		<0.0055	U		<0.0055	U	
		VMP-53-5-073014	7/30/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-53-5-102914	10/29/2014	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0018	J		<0.0062	U		<0.0062	U	
		VMP-53-5-020415	2/4/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0024	J		<0.0056	U		<0.0056	U	
		VMP-53-5-050415	5/4/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0023	J		<0.006	U		<0.0059	U	
		VMP-53-5-072415	7/24/2015	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0031	J		<0.0062	U		<0.0062	U	
		VMP-53-5-102815	10/28/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0027	J		<0.006	U		<0.006	U	
		VMP-53-5-012816	1/28/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-53-5-042816	4/28/2016	0.0054			<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-53-5-072916	7/29/2016	0.00088	J		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0023	J		<0.0064	U		<0.0064	U	
		VMP-53-5-102516	10/25/2016	0.0057			<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0027	J		<0.0055	U		<0.0055	U	
		VMP-53-5-120916	12/9/2016	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	10 ft	VMP-53-10-020513	2/5/2013	0.0043	J		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-53-10-020513-DUP	2/5/2013	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-53-10-050313	5/3/2013	0.49			<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-53-10-071113-R	7/11/2013	<0.0053	U		<0.012	U		<0.0093	J	U	<0.0093	J	U	<0.0093	J	U	0.0038	J		<0.0062	U		0.0012	J	
		VMP-53-10-080613	8/6/2013	<0.01	U		<0.022	U		0.0037	J		<0.017	U		<0.017	U		<0.014	U		<0.012	U		<0.012	U	
		VMP-53-10-080613-Dup	8/6/2013	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0021	J		<0.0058	U		<0.0058	U	
		VMP-53-10-103013	10/30/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0029	J		<0.0056	U		<0.0056	U	
		VMP-53-10-022114	2/21/2014	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0022	J		<0.0051	U		<0.0051	U	
		VMP-53-10-042514	4/25/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U	
		VMP-53-10-073014	7/30/2014	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0031	J		<0.0058	U		<0.0058	U	
		VMP-53-10-102914	10/29/2014	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0027	J		<0.0058	U		<0.0058	U	
		VMP-53-10-020415	2/4/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0022	J		<0.0056	U		<0.0056	U	
		VMP-53-10-050415	5/4/2015	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0025	J		<0.005	U		<0.005	U	
		VMP-53-10-072415	7/24/2015	0.0044	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U	
		VMP-53-10-102815	10/28/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0031	J		<0.0052	U		<0.0052	U	
		VMP-53-10-012816	1/28/2016	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		0.0025	J		<0.0064	U		<0.0064	U	
		VMP-53-10-042816	4/28/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		<0.0071	U		<0.0058	U		<0.0058	U	
		VMP-53-10-082616	8/26/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0031	J		<0.0051	U		<0.0051	U	
		VMP-53-10-102516	10/25/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U	
		VMP-53-10-120916	12/9/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0027	J		<0.0052	U		<0.0052	U	
	20 ft	VMP-53-20-020513	2/5/2013	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-53-20-050313	5/3/2013	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0028	J		<0.0059	U		<0.0059	U	
		VMP-53-20-071113-R	7/11/2013	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	J	U	<0.0095	J	U	0.0028	J		<0.0064	U		<0.0064	U	
		VMP-53-20-080613	8/6/2013	0.0014	J		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0023	J		<0.006	U		<0.006	U	
		VMP-53-20-103013	10/30/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.002	J		<0.0056	U		<0.0056	U	
		VMP-53-20-103013-Dup	10/30/2013	0.00022	J		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0024	J		<0.0055	U		<0.0055	U	
		VMP-53-20-022114	2/21/2014	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0018	J		<0.005	U		<0.005	U	
		VMP-53-20-042514	4/25/2014	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-53-20-073014	7/30/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0029	J		<0.0056	U		<0.0056	U	
		VMP-53-20-102914	10/29/2014	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0022	J		<0.0058	U		<0.0058	U	
		VMP-53-20-020415	2/4/2015	<0.0096	U		<0.021	U		<0.017	U		<0.017	U		<0.017	U		<0.014	U		<0.011	U		<0.011	U	
		VMP-53-20-050415	5/4/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0023	J		<0.0055	U		<0.0055	U	
		VMP-53-20-072415	7/24/2015	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0025	J		<0.0062	U		<0.0062	U	
		VMP-53-20-102815	10/28/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.003	J		<0.006	U		<0.006	U	
		VMP-53-20-021616	2/16/2016	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		0.0029	J		<0.0065	U		<0.0065	U	
		VMP-53-20-042816	4/28/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-53-20-072916	7/29/2016	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0039	J		<0.0062	U		<0.0062	U	
		VMP-53-20-102516	10/25/2016	0.0021	J		<0.018	U		<0.014	U		<0.014	U		<0.014	U		0.003	J		<0.0095	U		<0.0095	U	
		VMP-53-20-120916	12/9/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U	
	30 ft	VMP-53-30-020513	2/5/2013	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-53-30-050313	5/3/2013	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0028	J		<0.0056	U		<0.0056	U	
		VMP-53-30-071113-R	7/11/2013	<0.0056	U		<0.013	U		<0.0099	U		<0.0099	U		<0.0099	J	U	0.0033	J		<0.0066	U		<0.0066	U	
		VMP-53-30-080613	8/6/2013	<0.0057	U		<0.013	U		<0.01	U		<0.01	U		<0.01	U		0.0021	J		<0.0067	U		<0.0067	U	
		VMP-53-30-103013	10/30/2013	0.00022	J		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-53-30-022114	2/21/2014	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0019	J		<0.0047	U		<0.0047	U	
		VMP-53-30-042514	4/25/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-53-30-042514-DUP	4/25/2014	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0017	J		<0.0057	U		<0.0057	U	
		VMP-53-30-073014	7/30/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-53-30-073014-Dup	7/30/2014	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.003	J		<0.006	U		<0.0059	U	
		VMP-53-30-102914	10/29/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-53-30-020415	2/4/2015	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-53-30-050415	5/4/2015	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0029	J		<0.0061	U		<0.0061	U	
		VMP-53-30-072415	7/24/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0029	J		<0.0057	U		<0.0057	U	
		VMP-53-30-102815	10/28/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	J	U	0.0018	J		<0.006	U		<0.006	U	
		VMP-53-30-012816	1/28/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0027	J		<0.0055	U		<0.0055	U	
		VMP-53-30-042816	4/28/2016	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0032	J		<0.0062	U		<0.0062	U	
		VMP-53-30-052516-R	5/25/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-53-30-072916	7/29/2016	0.00074	J		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0035	J		<0.0044	U		<0.0044	U	
		VMP-53-30-102516	10/25/2016	<0.0086	U		<0.019	U		<0.015	U		<0.015	U		<0.015	U		0.0024	J		<0.01	U		<0.01	U	
		VMP-53-30-120916	12/9/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0027	J		<0.0058	U		<0.0058	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	0.0026	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0021	J		<0.0056	U		<0.0056	U	
		VMP-54-5-050213	5/2/2013	0.0065			<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	J	U	0.0025	J		<0.0051	U		<0.0051	U	
		VMP-54-5-080613	8/6/2013	0.0015	J		<0.013	U		<0.0099	U		<0.0099	U		<0.0099	U		0.0018	J		<0.0067	U		<0.0067	U	
		VMP-54-5-103013	10/30/2013	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0025	J		<0.0055	U		<0.0055	U	
		VMP-54-5-021014	2/10/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0021	J		<0.0054	U		<0.0054	U	
		VMP-54-5-042514	4/25/2014	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0023	J		<0.0057	U		<0.0057	U	
		VMP-54-5-073014	7/30/2014	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.0051	U	
		VMP-54-5-102914	10/29/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0024	J		<0.0054	U		<0.0054	U	
		VMP-54-5-020515	2/5/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.003	J		<0.0051	U		<0.0051	U	
		VMP-54-5-050415	5/4/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0052	U		<0.0052	U	
		VMP-54-5-072415	7/24/2015	<0.0054	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0027	J		<0.0063	U		<0.0063	U	
		VMP-54-5-102715	10/27/2015	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0022	J		<0.0047	U		<0.0047	U	
		VMP-54-5-012816	1/28/2016	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.003	J		<0.0058	U		<0.0058	U	
		VMP-54-5-042916	4/29/2016	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-54-5-080116	8/1/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0044	J		<0.0056	U		<0.0056	U	
		VMP-54-5-102816	10/28/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.005	U		<0.005	U	
	10 ft	VMP-54-10-020613	2/6/2013	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0028	J		<0.0057	U		<0.0057	U	
		VMP-54-10-050213	5/2/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	J	U	<0.0089	U		0.0031	J		<0.006	U		<0.006	U	
		VMP-54-10-080613	8/6/2013	0.0016	J		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.002	J		<0.0059	U		<0.0059	U	
		VMP-54-10-103013	10/30/2013	0.0003	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0023	J		<0.0055	U		0.00016	J	
		VMP-54-10-021014	2/10/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0032	J		<0.0053	U		<0.0053	U	
		VMP-54-10-050814-R	5/8/2014	0.0016	J		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-54-10-073014	7/30/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0033	J		<0.0053	U		<0.0053	U	
		VMP-54-10-102914	10/29/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0023	J		<0.0056	U		<0.0056	U	
		VMP-54-10-020515	2/5/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.003	J		<0.0058	U		<0.0058	U	
		VMP-54-10-050415	5/4/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0024	J		<0.006	U		<0.006	U	
		VMP-54-10-072415	7/24/2015	<0.0057	U		<0.013	U		<0.0099	U		<0.0099	U		<0.0099	U		0.0031	J		<0.0066	U		<0.0066	U	
		VMP-54-10-102715	10/27/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0033	J		<0.0051	U		<0.0051	U	
		VMP-54-10-012816	1/28/2016	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-54-10-042916	4/29/2016	0.0028	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0023	J		<0.0058	U		<0.0058	U	
		VMP-54-10-080116	8/1/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.003	J		<0.006	U		<0.006	U	
		VMP-54-10-102816	10/28/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0028	J		<0.0056	U		<0.0056	U	
	20 ft	VMP-54-20-020613	2/6/2013	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	J	U	<0.0083	J	U	0.0028	J		<0.0056	U		<0.0056	U	
		VMP-54-20-020613-DUP	2/6/2013	0.0026	J		<0.011	U		<0.0083	U		<0.0083	J	U	<0.0083	J	U	0.0023	J		<0.0056	U		<0.0056	U	
		VMP-54-20-050213	5/2/2013	<0.0047	U		<0.01	U		<0.0081	U		<0.0081	J	U	<0.0081	J	U	0.0031	J		<0.0055	U		<0.0055	U	
		VMP-54-20-080613	8/6/2013	0.0013	J		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		0.0023	J		<0.0064	U		<0.0064	U	
		VMP-54-20-103013	10/30/2013	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0027	J		<0.0056	U		<0.0056	U	
		VMP-54-20-021014	2/10/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0033	J		<0.0054	U		<0.0054	U	
		VMP-54-20-042514	4/25/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0017	J		<0.0053	U		<0.0053	U	
		VMP-54-20-073014	7/30/2014	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0034	J		<0.0052	U		<0.0052	U	
		VMP-54-20-102914	10/29/2014	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0027	J		<0.0051	U		<0.0051	U	
		VMP-54-20-020515	2/5/2015	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0028	J		<0.0047	U		<0.0047	U	
		VMP-54-20-050415	5/4/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0029	J		<0.0057	U		<0.0057	U	
		VMP-54-20-072415	7/24/2015	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0031	J		<0.0062	U		<0.0062	U	
		VMP-54-20-102715	10/27/2015	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.003	J		<0.0047	U		<0.0047	U	
		VMP-54-20-102715-DUP	10/27/2015	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0025	J		<0.0047	U		<0.0047	U	
		VMP-54-20-012816	1/28/2016	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0036	J		<0.0061	U		<0.0061	U	
		VMP-54-20-050516	5/5/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U	
		VMP-54-20-050516-DUP	5/5/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		<0.0069	U		<0.0057	U		<0.0057	U	
		VMP-54-20-080116	8/1/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0032	J		<0.0059	U		<0.0059	U	
		VMP-54-20-102816	10/28/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0031	J		<0.0055	U		<0.0055	U	
	30 ft	VMP-54-30-020613	2/6/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0026	J		<0.006	U		<0.006	U	
		VMP-54-30-020613-DUP	2/6/2013	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0025	J		<0.006	U		<0.006	U	
		VMP-54-30-050213	5/2/2013	0.0025	J		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0025	J		<0.0058	U		<0.0058	U	
		VMP-54-30-050213-Dup	5/2/2013	0.0033	J		<0.011	J	U	<0.0086	J	U	<0.0086	J	U	<0.0086	J	U	0.0032	J		<0.0058	U		<0.0058	U	
		VMP-54-30-103013	10/30/2013	<0.0051	U		<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0029	J		<0.006	U		<0.006	U	
		VMP-54-30-021014	2/10/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0037	J		<0.0051	U		<0.0051	U	
		VMP-54-30-042514	4/25/2014	<0.005	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0025	J		<0.0058	U		<0.0058	U	
		VMP-54-30-073014	7/30/2014	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0034	J		<0.0058	U		<0.0058	U	
		VMP-54-30-110614-R	11/6/2014	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0019	J		<0.0052	U		<0.0052	U	
		VMP-54-30-021215	2/12/2015	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U	
		VMP-54-30-050415	5/4/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0027	J		<0.0059	U		<0.0059	U	
		VMP-54-30-080315	8/3/2015	<0.0053	U		<0.012	U		<0.0093	U		<0.0093	U		<0.0093	U		0.0036	J		<0.0062	U		0.00089	J	
		VMP-54-30-102715	10/27/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0048	U		<0.0048	U	
		VMP-54-30-012816	1/28/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0028	J		<0.0059	U		<0.0059	U	
		VMP-54-30-042916	4/29/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-54-30-042916-DUP	4/29/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		<0.0066	U		<0.0054	U		<0.0054	U	
		VMP-54-30-080116	8/1/2016	0.0027	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-54-30-102816	10/28/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0026	J		<0.0053	U		<0.0053	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-110414	11/4/2014	0.0023	J		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0032	J		<0.0058	U		<0.0058	J	U
		VMP-55-5-110414-DUP	11/4/2014	0.0016	J		<0.0087	U		<0.0068	U		<0.0068	U		<0.0068	U		0.0027	J		<0.0046	U		<0.0046	J	U
		VMP-55-5-020515	2/5/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0052	U		<0.0052	U	
		VMP-55-5-050615	5/6/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U	
		VMP-55-5-110215	11/2/2015	0.1			<0.072	U		<0.056	U		<0.056	U		<0.056	U		<0.046	U		<0.038	U		<0.038	U	
		VMP-55-5-020416	2/4/2016	<0.045	U		<0.1	U		<0.079	U		<0.079	U		<0.079	U		<0.065	U		<0.053	U		<0.053	U	
		VMP-55-5-082616	8/26/2016	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0017	J		<0.0062	U		<0.0062	U	
	20 ft	VMP-55-20-021513	2/15/2013	230			<26	U		<21	U		<21	U		<21	U		<17	U		<14	U		<14	U	
		VMP-55-20-050113	5/1/2013	310			<44	U		<35	U		<35	U		<35	U		<29	U		<23	U		<23	U	
		VMP-55-20-080713	8/7/2013	15			<6.1	U		<4.7	U		<4.8	U		<4.8	U		<3.9	U		<3.2	U		<3.2	U	
		VMP-55-20-110813	11/8/2013	4.2			<1.7	U		<1.3	U		<1.3	U		<1.3	U		<1.1	U		<0.89	U		<0.89	U	
		VMP-55-20-021814	2/18/2014	60			<0.46	U		<0.36	U		<0.36	U		<0.36	U		<0.29	U		<0.24	U		<0.24	U	
		VMP-55-20-050514	5/5/2014	51			<4.9	U		<3.8	U		<3.8	U		<3.8	U		<3.1	U		<2.6	U		<2.6	U	
		VMP-55-20-050514-Dup	5/5/2014	53			<5.3	U		<4.1	U		<4.1	U		<4.1	U		<3.4	U		<2.8	U		<2.8	U	
		VMP-55-20-081314	8/13/2014	1.9			<2	U		<1.6	U		<1.6	U		<1.6	U		<1.3	U	UJ	<1	U		<1	U	
		VMP-55-20-110414	11/4/2014	<0.41	U		<0.91	U		<0.71	U		<0.71	U		<0.71	U		<0.58	U		<0.48	U		<0.48	U	
		VMP-55-20-020515	2/5/2015	<0.44	U		<0.99	U		<0.78	U		<0.78	U		<0.78	U		<0.64	U		<0.52	U		<0.52	U	
		VMP-55-20-050615	5/6/2015	6			<6.5	U		<5.1	U		<5.1	U		<5.1	U		<4.2	U		<3.4	U		<3.4	U	
		VMP-55-20-072915	7/29/2015	<0.047	U		<0.1	U		<0.082	U		<0.082	U		<0.082	U		<0.068	U		<0.055	U		<0.055	U	
		VMP-55-20-072915-DUP	7/29/2015	<0.05	U		<0.11	U		<0.087	U		<0.087	U		<0.087	U		<0.072	U		<0.059	U		<0.059	U	
		VMP-55-20-110215	11/2/2015	480			<3.1	U		<2.4	U		<2.4	U		<2.4	U		<2	U		<1.6	U		<1.6	U	
		VMP-55-20-020416	2/4/2016	210			<1	U		<0.8	U		<0.8	U		<0.8	U		<0.66	U		<0.54	U		<0.54	U	
		VMP-55-20-020416-DUP	2/4/2016	200		J	<0.92	U		<0.72	U		<0.72	U		<0.72	U		<0.59	U		<0.48	U		<0.48	U	
		VMP-55-20-050416	5/4/2016	260		J	<1.4	U		<1.1	U		<1.1	U		<1.1	U		<0.9	U		<0.74	U		<0.74	U	
		VMP-55-20-080316	8/3/2016	190		J	<0.71	U		<0.56	U		<0.56	U		<0.56	U		<0.46	U		<0.38	U		<0.38	U	
		VMP-55-20-110116	11/1/2016	60			<1.1	U		<0.83	U		<0.83	U		<0.83	U		<0.68	U		<0.56	U		<0.56	U	
	30 ft	VMP-55-30-030915	3/9/2015	91			<2.6	U		<2.1	U		<2.1	U		<2.1	U		<1.7	U		<1.4	U		<1.4	U	
		VMP-55-30-050615	5/6/2015	39			<9	U		<7.1	U		<7.1	U		<7.1	U		<5.8	U		<4.8	U		<4.8	U	
		VMP-55-30-050615-DUP	5/6/2015	40			<9.1	U		<7.1	U		<7.1	U		<7.1	U		<5.9	U		<4.8	U		<4.8	U	
		VMP-55-30-061515-Dup-R	6/15/2015	9.4			<0.12	U		<0.095	U		<0.095	U		<0.095	U		<0.078	U		<0.064	U		<0.064	U	
		VMP-55-30-061515-R	6/15/2015	9.8			<0.098	U		<0.077	U		<0.077	U		<0.077	U		<0.063	U		<0.052	U		<0.052	U	
VMP-56	10 ft	VMP-56-10-050114	5/1/2014	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0025	J		<0.0051	U		<0.0051	U	
		VMP-56-10-081214	8/12/2014	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0031	J		<0.0061	U		<0.0061	U	
		VMP-56-10-110514	11/5/2014	0.012			<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.003	J		<0.0047	U		<0.0047	U	
		VMP-56-10-021015	2/10/2015	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-56-10-110315	11/3/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.003	J		<0.0051	U		<0.0051	U	
		VMP-56-10-020416	2/4/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-56-10-050516	5/5/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0025	J		<0.0057	U		<0.0057	U	
		VMP-56-10-072716	7/27/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0027	J		<0.0056	U		<0.0056	U	
		VMP-56-10-102416	10/24/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0025	J		<0.0054	U		<0.0054	U	
	25 ft	VMP-56-25-050114	5/1/2014	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.005	U	
		VMP-56-25-081214	8/12/2014	0.0071			<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0028	J		<0.0054	U		<0.0054	U	
		VMP-56-25-110514	11/5/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0032	J		<0.0053	U		<0.0053	U	
		VMP-56-25-021015	2/10/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-56-25-050715	5/7/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.002	J		<0.0057	U		<0.0057	U	
		VMP-56-25-073115	7/31/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0021	J		<0.006	U		<0.006	U	
		VMP-56-25-110315	11/3/2015	0.0032	J		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0054	J		<0.0052	U		<0.0052	U	
		VMP-56-25-020416	2/4/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0018	J		<0.0051	U		<0.0051	U	
		VMP-56-25-050516	5/5/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0023	J		<0.0059	U		<0.0059	U	
		VMP-56-25-050516-DUP	5/5/2016	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0023	J		<0.0061	U		<0.0061	U	
		VMP-56-25-072716	7/27/2016	<0.0057	U		<0.013	U		<0.0099	U		<0.0099	U		<0.0099	U		<0.0082	U		<0.0067	U		<0.0067	U	
		VMP-56-25-102416	10/24/2016	0.001	J		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0028	J		<0.0052	U		<0.0052	U	
	38.5 ft	VMP-56-38.5-050114	5/1/2014	720		J	<2.3	U		<1.8	U		<1.8	U		<1.8	U		<1.5	U		<1.2	U		<1.2	U	
		VMP-56-38.5-081214	8/12/2014	1000		J	<210	U		<170	U		<170	U		<170	U		<140	U		<110	U		<110	U	
		VMP-56-38.5-081214-Dup	8/12/2014	<94	U	UJ	<210	U		<160	U		<160	U		<160	U		<140	U		<110	U		<110	U	
		VMP-56-38.5-110514	11/5/2014	650		J	<120	U		<90	U		<90	U		<90	U		<74	U		<61	U		<61	U	
		VMP-56-38.5-110514-DUP	11/5/2014	870		J	<140	U		<110	U		<110	U		<110	U		<89	U		<73	U		<73	U	
		VMP-56-38.5-021015	2/10/2015	410			<10	U		<8	U		<8	U		<8	U		<6.6	U		<5.4	U		<5.4	U	
		VMP-56-38.5-050715	5/7/2015	1100			<120	U		<92	U		<92	U		<92	U		<76	U		<62	U		<62	U	
		VMP-56-38.5-061515-R	6/15/2015	730			<11	U		<8.9	U		<8.9	U		<8.9	U		<7.3	U		<6	U		<6	U	
		VMP-56-38.5-073115	7/31/2015	230			<9.9	U		<7.8	U		<7.8	U		<7.8	U		<6.4	U		<5.2	U		<5.2	U	
		VMP-56-38.5-073115-DUP	7/31/2015	250			<37	U		<29	U		<29	U		<29	U		<24	U		<19	U		<19	U	
		VMP-56-38.5-110315	11/3/2015	600			<12	U		<9.1	U		<9.1	U		<9.1	U		<7.5	U		<6.1	U		<6.1	U	
		VMP-56-38.5-110315-DUP	11/3/2015	550			<84	U		<66	U		<66	U		<66	U		<54	U		<44	U		<44	U	
		VMP-56-38.5-020416	2/4/2016	<29	U		<65	U		<51	U		<51	U		<51	U		<42	U		<34	U		<34	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-122313	12/23/2013	0.011			<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0019	J		<0.0049	U		<0.0049	U	
		VMP-62-5-021014	2/10/2014	<0.004	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0025	J		<0.0046	U		<0.0046	U	
		VMP-62-5-042514	4/25/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0021	J		<0.0054	U		<0.0054	U	
		VMP-62-5-073014	7/30/2014	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0034	J		<0.0056	U		<0.0056	U	
		VMP-62-5-111014-R	11/10/2014	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0027	J		<0.0048	U		<0.0048	U	
		VMP-62-5-020315	2/3/2015	<0.0042	U		<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-62-5-042815	4/28/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0027	J		<0.0059	U		<0.0059	U	
		VMP-62-5-072415	7/24/2015	0.00078	J		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0023	J		<0.006	U		<0.006	U	
		VMP-62-5-102015	10/20/2015	<0.0038	U		<0.0084	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0033	J		<0.0044	U		<0.0044	U	
		VMP-62-5-012816	1/28/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0019	J		<0.0053	U		<0.0053	U	
		VMP-62-5-042516	4/25/2016	<0.0042	J	U	<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0034	J		<0.0049	U		<0.0049	U	
		VMP-62-5-072616	7/26/2016	<0.0052	U		<0.012	U		<0.009	U		<0.009	U		<0.009	U		0.0029	J		<0.0061	U		<0.0061	U	
		VMP-62-5-102416	10/24/2016	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0052	U		<0.0052	U	
	10 ft	VMP-62-10-122313	12/23/2013	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.002	J		<0.0053	U		<0.0053	U	
		VMP-62-10-021014	2/10/2014	<0.0038	U		<0.0085	U		<0.0066	U		<0.0066	U		<0.0066	U		0.0025	J		<0.0045	U		<0.0045	U	
		VMP-62-10-042514	4/25/2014	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-62-10-073014	7/30/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0029	J		<0.0055	U		<0.0055	U	
		VMP-62-10-102814	10/28/2014	<0.0049	U		<0.011	U		<0.0086	U		<0.0086	U		<0.0086	U		0.0018	J		<0.0058	U		<0.0058	U	
		VMP-62-10-020315	2/3/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0052	U		<0.0052	U	
		VMP-62-10-042815	4/28/2015	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0025	J		<0.0055	U		<0.0055	U	
		VMP-62-10-072415	7/24/2015	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0031	J		<0.0055	U		<0.0055	U	
		VMP-62-10-102015	10/20/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0041	J		<0.0056	U		<0.0056	U	
		VMP-62-10-012816	1/28/2016	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0018	J		<0.0051	U		<0.0051	U	
		VMP-62-10-042516	4/25/2016	<0.0053	J	U	<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0024	J		<0.0062	U		<0.0062	U	
		VMP-62-10-072616	7/26/2016	<0.0054	U		<0.012	U		<0.0095	U		<0.0095	U		<0.0095	U		<0.0078	U		<0.0064	U		<0.0064	U	
		VMP-62-10-102416	10/24/2016	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0026	J		<0.0044	U		<0.0044	U	
	20 ft	VMP-62-20-122313	12/23/2013	0.0013	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0018	J		<0.0051	U		<0.0051	U	
		VMP-62-20-122313-Dup	12/23/2013	0.0024	J		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.002	J		<0.0052	U		<0.0052	U	
		VMP-62-20-021014	2/10/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0024	J		<0.005	U		<0.005	U	
		VMP-62-20-042514	4/25/2014	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0018	J		<0.0054	U		<0.0054	U	
		VMP-62-20-073014	7/30/2014	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0052	U		<0.0052	U	
		VMP-62-20-102814	10/28/2014	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.003	J		<0.005	U		<0.005	U	
		VMP-62-20-020315	2/3/2015	<0.0051	U		<0.011	U		0.00073	J		0.00084	J		<0.0089	U		0.0024	J		<0.006	U		<0.006	U	
		VMP-62-20-042815	4/28/2015	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0039	J		<0.0057	U		<0.0057	U	
		VMP-62-20-072415	7/24/2015	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0053	U		<0.0053	U	
		VMP-62-20-102015	10/20/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0041	J		<0.0051	U		<0.0051	U	
		VMP-62-20-012816	1/28/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0016	J		<0.006	U		<0.006	U	
		VMP-62-20-042516	4/25/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.003	J		<0.0051	U		<0.0051	U	
		VMP-62-20-072616	7/26/2016	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		<0.0064	U		<0.0052	U		<0.0052	U	
		VMP-62-20-102416	10/24/2016	0.0021	J		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0.0047	U	
	30 ft	VMP-62-30-122313	12/23/2013	0.0013	J		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.002	J		<0.005	U		<0.005	U	
		VMP-62-30-122313-Dup	12/23/2013	0.002	J		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0016	J		<0.005	U		<0.005	U	
		VMP-62-30-021014	2/10/2014	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0024	J		<0.0051	U		<0.0051	U	
		VMP-62-30-042514	4/25/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0022	J		<0.0055	U		<0.0055	U	
		VMP-62-30-073014	7/30/2014	0.0016	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.003	J		<0.0054	U		<0.0054	U	
		VMP-62-30-073014-Dup	7/30/2014	0.0016	J		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0032	J		<0.0049	U		<0.0049	U	
		VMP-62-30-102814	10/28/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		<0.0062	U		<0.005	U		<0.005	U	
		VMP-62-30-020315	2/3/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0026	J		<0.0053	U		<0.0053	U	
		VMP-62-30-042815	4/28/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U	
		VMP-62-30-072415	7/24/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.003	J		<0.0057	U		<0.0057	U	
		VMP-62-30-102015	10/20/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0034	J		<0.0053	U		<0.0053	U	
		VMP-62-30-012816	1/28/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0018	J		<0.0059	U		<0.0059	U	
		VMP-62-30-012816-DUP	1/28/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0017	J		<0.0051	U		<0.0051	U	
		VMP-62-30-042516	4/25/2016	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0026	J		<0.0051	U		<0.0051	U	
		VMP-62-30-072616	7/26/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		<0.0072	U		<0.0059	U		<0.0059	U	
		VMP-62-30-072616-DUP	7/26/2016	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		<0.0072	U		<0.0059	U		<0.0059	U	
		VMP-62-30-102416	10/24/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0028	J		<0.005	U		<0.005	U	
		VMP-62-30-102416-Dup	10/24/2016	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0023	J		<0.0048	U		<0.0048	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-121113	12/11/2013	0.0043	J		<0.014	U		<0.011	U		<0.011	U		<0.011	U		0.0024	J		<0.0076	U		<0.0076	U	
		VMP-63-5-022814	2/28/2014	<0.0044	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0019	J		<0.0051	U		<0.0051	U	
		VMP-63-5-042514	4/25/2014	<0.0084	U		<0.019	U		<0.015	U		<0.015	U		<0.015	U		<0.012	U		<0.0099	U		<0.0099	U	
		VMP-63-5-073014	7/30/2014	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0038	J		<0.0053	U		<0.0053	U	
		VMP-63-5-102814	10/28/2014	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0052	U		<0.0052	U	
		VMP-63-5-020315	2/3/2015	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0025	J		<0.0052	U		<0.0052	U	
		VMP-63-5-042815	4/28/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		<0.0073	U		<0.006	U		<0.006	U	
		VMP-63-5-072415	7/24/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0021	J		<0.0057	U		<0.0057	U	
		VMP-63-5-102615	10/26/2015	0.0011	J		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0027	J		<0.0054	U		<0.0054	U	
		VMP-63-5-012816	1/28/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0033	J		<0.0053	U		<0.0053	U	
		VMP-63-5-042616	4/26/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0024	J		<0.0057	U		<0.0057	U	
		VMP-63-5-072516	7/25/2016	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0028	J		<0.0059	U		<0.0059	U	
		VMP-63-5-102416	10/24/2016	0.00086	J		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0025	J		<0.0052	U		<0.0052	U	
	10 ft	VMP-63-10-121113	12/11/2013	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-63-10-020714	2/7/2014	<0.0042	U		<0.0094	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0026	J		<0.005	U		<0.005	U	
		VMP-63-10-042514	4/25/2014	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0022	J		<0.005	U		<0.005	U	
		VMP-63-10-073014	7/30/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0031	J		<0.0049	U		<0.0049	U	
		VMP-63-10-102814	10/28/2014	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-63-10-020315	2/3/2015	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0024	J		<0.0049	U		<0.0049	U	
		VMP-63-10-042815	4/28/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0029	J		<0.0056	U		<0.0056	U	
		VMP-63-10-072415	7/24/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0023	J		<0.0054	U		<0.0054	U	
		VMP-63-10-102615	10/26/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0046	J		<0.0056	U		<0.0056	U	
		VMP-63-10-012816	1/28/2016	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-63-10-042616	4/26/2016	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.003	J		<0.006	U		<0.006	U	
		VMP-63-10-072516	7/25/2016	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0053	J		<0.0057	U		<0.0057	U	
		VMP-63-10-102416	10/24/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0022	J		<0.0053	U		<0.0053	U	
	20 ft	VMP-63-20-121213	12/12/2013	<0.0042	U		<0.0093	U		<0.0073	U		0.00089	J		<0.0073	U		0.0026	J		<0.0049	U		<0.0049	U	
		VMP-63-20-020714	2/7/2014	<0.004	U		<0.009	U		<0.007	U		<0.007	U		<0.007	U		0.0026	J		<0.0047	U		<0.0047	U	
		VMP-63-20-042514	4/25/2014	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-63-20-073014	7/30/2014	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0035	J		<0.005	U		<0.005	U	
		VMP-63-20-102814	10/28/2014	<0.0045	J	U	<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-63-20-102814-DUP	10/28/2014	<0.0048	J	U	<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.003	J		<0.0057	U		<0.0057	U	
		VMP-63-20-020315	2/3/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0053	U		<0.0053	U	
		VMP-63-20-020315-DUP	2/3/2015	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0028	J		<0.0048	U		<0.0048	U	
		VMP-63-20-042815	4/28/2015	<0.0044	U		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0021	J		<0.0052	U		<0.0052	U	
		VMP-63-20-072415	7/24/2015	0.0012	J		<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0022	J		<0.0052	U		<0.0052	U	
		VMP-63-20-102615	10/26/2015	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0029	J		<0.005	U		<0.005	U	
		VMP-63-20-012816	1/28/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0033	J		<0.0054	U		<0.0054	U	
		VMP-63-20-042616	4/26/2016	<0.0052	U		<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0034	J		<0.0061	U		<0.0061	U	
		VMP-63-20-042616-DUP	4/26/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0026	J		<0.0056	U		<0.0056	U	
		VMP-63-20-072516	7/25/2016	0.0018	J		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0034	J		<0.0057	U		<0.0057	U	
		VMP-63-20-102416	10/24/2016	<0.0053	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0019	J		<0.0062	U		<0.0062	U	
	30 ft	VMP-63-30-121113	12/11/2013	0.0058			<0.0093	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0023	J		<0.0049	U		<0.0049	U	
		VMP-63-30-020714	2/7/2014	<0.004	U		<0.0089	U		<0.0069	U		<0.0069	U		<0.0069	U		0.0021	J		<0.0047	U		<0.0047	U	
		VMP-63-30-042514	4/25/2014	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.002	J		<0.005	U		<0.005	U	
		VMP-63-30-042514-DUP	4/25/2014	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0021	J		<0.0052	U		<0.0052	U	
		VMP-63-30-073014	7/30/2014	0.0043	J		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0031	J		<0.006	U		<0.0059	U	
		VMP-63-30-102814	10/28/2014	<0.0048	J	U	<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.003	J		<0.0056	U		<0.0056	U	
		VMP-63-30-020315	2/3/2015	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0029	J		<0.0051	U		<0.0051	U	
		VMP-63-30-042815	4/28/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0022	J		<0.0057	U		<0.0057	U	
		VMP-63-30-072415	7/24/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0022	J		<0.0054	U		<0.0054	U	
		VMP-63-30-102615	10/26/2015	<0.0038	U		<0.0086	U		<0.0067	U		<0.0067	U		<0.0067	U		0.0029	J		<0.0045	U		<0.0045	U	
		VMP-63-30-102615-DUP	10/26/2015	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0028	J		<0.0053	U		<0.0053	U	
		VMP-63-30-012816	1/28/2016	<0.0045	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.003	J		<0.0053	U		<0.0053	U	
		VMP-63-30-042616	4/26/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0023	J		<0.0052	U		<0.0052	U	
		VMP-63-30-072516	7/25/2016	<0.0052	U		<0.012	U		<0.0092	U		<0.0092	U		<0.0092	U		0.0041	J		<0.0062	U		<0.0062	U	
		VMP-63-30-072516-DUP	7/25/2016	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0033	J		<0.0057	U		<0.0057	U	
		VMP-63-30-102416	10/24/2016	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0025	J		<0.0051	U		<0.0051	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane			1,2-Dibromoethane			1,2-Dichlorobenzene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			Dichlorodifluoromethane			1,1-Dichloroethane			1,2-Dichloroethane		
							0.0078			290						1200			270			690			0.099		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-122313	12/23/2013	0.042			<0.0099	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0017	J		<0.0052	U		<0.0052	U	
		VMP-64-5-022814	2/28/2014	0.0048			<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		0.0018	J		<0.0049	U		<0.0049	U	
		VMP-64-5-042514	4/25/2014	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		<0.0063	U		<0.0052	U		<0.0052	U	
		VMP-64-5-073114	7/31/2014	<0.0047	U		<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.002	J		<0.0055	U		<0.0055	U	
		VMP-64-5-102814	10/28/2014	<0.0043	U		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0034	J		<0.0051	U		<0.0051	U	
		VMP-64-5-020315	2/3/2015	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0032	J		<0.0052	U		<0.0052	U	
		VMP-64-5-042815	4/28/2015	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0026	J		<0.0054	U		<0.0054	U	
		VMP-64-5-072415	7/24/2015	<0.0048	U		<0.011	U		<0.0084	U		<0.0084	U		<0.0084	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-64-5-102615	10/26/2015	<0.0041	U		<0.0091	U		<0.0072	U		<0.0072	U		<0.0072	J	U	0.0027	J		<0.0048	U		<0.0048	U	
		VMP-64-5-012816	1/28/2016	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0028	J		<0.0057	U		<0.0057	U	
		VMP-64-5-042616	4/26/2016	<0.0055	U		<0.012	U		<0.0096	U		<0.0096	U		<0.0096	U		0.0022	J		<0.0064	U		<0.0064	U	
		VMP-64-5-080216	8/2/2016	0.067		J	<0.01	U		<0.0082	U		<0.0082	U		<0.0082	U		0.0028	J		<0.0055	U		<0.0055	U	
		VMP-64-5-080216-DUP	8/2/2016	0.022		J	<0.011	U		<0.009	U		<0.009	U		<0.009	U		0.0031	J		<0.006	U		<0.006	U	
		VMP-64-5-102416	10/24/2016	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0049	U		<0.0049	U	
	10 ft	VMP-64-10-122313	12/23/2013	0.001	J		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0018	J		<0.005	U		<0.005	U	
		VMP-64-10-021014	2/10/2014	<0.0041	U		<0.0092	U		<0.0072	U		<0.0072	U		<0.0072	U		0.002	J		<0.0049	U		<0.0049	U	
		VMP-64-10-042514	4/25/2014	<0.0042	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		<0.0061	U		<0.005	U		<0.005	U	
		VMP-64-10-073114	7/31/2014	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.002	J		<0.0058	U		<0.0058	U	
		VMP-64-10-102814	10/28/2014	<0.0052	J	U	<0.012	U		<0.0091	U		<0.0091	U		<0.0091	U		0.0021	J		<0.0061	U		<0.0061	U	
		VMP-64-10-020315	2/3/2015	<0.005	U		<0.011	U		<0.0087	U		<0.0087	U		<0.0087	U		0.0029	J		<0.0058	U		<0.0058	U	
		VMP-64-10-042815	4/28/2015	<0.005	U		<0.011	U		<0.0088	U		<0.0088	U		<0.0088	U		0.0024	J		<0.006	U		<0.0059	U	
		VMP-64-10-072415	7/24/2015	<0.0043	U		<0.0096	U		<0.0075	U		<0.0075	U		<0.0075	U		0.0023	J		<0.005	U		<0.005	U	
		VMP-64-10-102615	10/26/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0056	J		<0.006	U		<0.006	U	
		VMP-64-10-012816	1/28/2016	<0.0045	U		<0.01	U		<0.0079	U		<0.0079	U		<0.0079	U		0.0025	J		<0.0053	U		<0.0053	U	
		VMP-64-10-042616	4/26/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0025	J		<0.0054	U		<0.0054	U	
		VMP-64-10-072216	7/22/2016	<0.0037	U		<0.0083	U		<0.0065	U		<0.0065	U		<0.0065	U		0.0029	J		<0.0044	U		<0.0044	U	
		VMP-64-10-102416	10/24/2016	<0.0041	U		<0.0091	U		<0.0071	U		<0.0071	U		<0.0071	U		0.0026	J		<0.0048	U		<0.0048	U	
	20 ft	VMP-64-20-122313	12/23/2013	<0.0044	U		<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.002	J		<0.0052	U		<0.0052	U	
		VMP-64-20-122313-Dup	12/23/2013	0.0022	J		<0.0097	U		<0.0076	U		<0.0076	U		<0.0076	U		0.0028	J		<0.0051	U		<0.0051	U	
		VMP-64-20-021014	2/10/2014	<0.0043	U		<0.0095	U		<0.0074	U		<0.0074	U		<0.0074	U		0.0019	J		<0.005	U		<0.005	U	
		VMP-64-20-042514	4/25/2014	<0.0042	U		<0.0094	U		<0.0073	U		<0.0073	U		<0.0073	U		<0.006	U		<0.0049	U		<0.0049	U	
		VMP-64-20-073114	7/31/2014	<0.0044	U		<0.0098	U		<0.0076	U		<0.0076	U		<0.0076	U		0.002	J		<0.0051	U		<0.0051	U	
		VMP-64-20-102814	10/28/2014	<0.0045	J	U	<0.01	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0024	J		<0.0053	U		<0.0053	U	
		VMP-64-20-020315	2/3/2015	0.0022	J		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-64-20-042815	4/28/2015	<0.0051	U		<0.011	U		<0.0089	U		<0.0089	U		<0.0089	U		0.0022	J		<0.006	U		<0.006	U	
		VMP-64-20-072415	7/24/2015	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		0.0025	J		<0.0056	U		<0.0056	U	
		VMP-64-20-102615	10/26/2015	<0.0048	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0029	J		<0.0057	U		<0.0057	U	
		VMP-64-20-012816	1/28/2016	<0.0046	U		<0.01	U		<0.008	U		<0.008	U		<0.008	U		0.0032	J		<0.0054	U		<0.0054	U	
		VMP-64-20-042616	4/26/2016	<0.0048	U		<0.011	U		<0.0083	U		<0.0083	U		<0.0083	U		<0.0068	U		<0.0056	U		<0.0056	U	
		VMP-64-20-042616-DUP	4/26/2016	<0.0046	U		<0.01	U		<0.0081	U		<0.0081	U		<0.0081	U		0.002	J		<0.0054	U		<0.0054	U	
		VMP-64-20-072216	7/22/2016	<0.0044	U		<0.0099	U		<0.0078	U		<0.0078	U		<0.0078	U		0.0029	J		<0.0052	U		<0.0052	U	
		VMP-64-20-072216-DUP	7/22/2016	<0.0049	U		<0.011	U		<0.0085	U		<0.0085	U		<0.0085	U		0.0027	J		<0.0057	U		<0.0057	U	
		VMP-64-20-102416	10/24/2016	<0.004	U		<0.0088	U		<0.0069	U		<0.0069	U		<0.0069	U		0.002	J		<0.0046	U		<0.0046	U	
		VMP-64-20-102416-Dup	10/24/2016	<0.0044	U		<0.0098	U		<0.0077	U		<0.0077	U		<0.0077	U		0.0021	J		<0.0052	U		<0.0052	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<0.47	U		<0.47	U		<0.47	U		<0.41	U		<0.55	U		<0.54	U		<0.54	U		<1.7	U	
		VMP-1-5-082510	8/25/2010	<0.017	U		<0.017	U		<0.017	U		<0.015	U		<0.02	U		<0.019	U		<0.019	U		0.015	J	
		VMP-1-5-111710	11/17/2010	<0.02	U		<0.02	U		<0.02	U		<0.018	U		<0.024	U		<0.023	U		<0.023	U		<0.074	U	
		VMP-1-5-020411	2/4/2011	<0.4	U		<0.4	U		<0.4	U		<0.35	U		<0.47	U		<0.46	U		<0.46	U		<1.4	U	
		VMP-1-5-041211	4/12/2011	<0.0052	U		<0.0052	U		<0.0052	U		0.0012	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-1-5-080111	8/1/2011	<0.0052	U		<0.0052	U		<0.0052	U		0.0098			<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-1-5-110311	11/3/2011	<14	U		<14	U		<14	U		2.9	J		<16	U		<16	U		<16	U		<50	U	
		VMP-1-5-013012	1/30/2012	<1.2	U		<1.2	U		<1.2	U		0.37	J	J	<1.3	U		<1.3	U		<1.3	U		<4.2	U	
		VMP-1-5-041312	4/13/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.031	J	U	<0.0041	U		<0.0041	U		<0.0041	U		<0.013	U	
		VMP-1-5-071612	7/16/2012	<0.0036	U		<0.0036	U		<0.0036	U		0.0028	J		<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-1-5-101112	10/11/2012	<0.0091	U		<0.0091	U		<0.0091	U		0.0025	J		<0.011	U		<0.01	U		<0.01	U		<0.033	UJ	UJ
		VMP-1-5-012113	1/21/2013	<0.1	U		<0.1	U		<0.1	U		<0.9	U		<0.12	U		<0.12	U		<0.12	U		<0.37	U	
		VMP-1-5-012313-R	1/23/2013	<4.6	U		<4.6	U		<4.6	U		<4	U		<5.4	U		<5.3	U		<5.3	U		<17	U	
		VMP-1-5-050813	5/8/2013	<0.0057	U		<0.0057	U		<0.0057	U		0.0014	J		<0.0066	U		<0.0065	J	U	<0.0065	J	U	<0.021	U	
		VMP-1-5-072913	7/29/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		0.0079	J	
		VMP-1-5-072913-Dup	7/29/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-1-5-110413	11/4/2013	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		0.0016	J	
		VMP-1-5-020714	2/7/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-1-5-043014	4/30/2014	<0.0045	U		<0.0045	U		<0.0045	U		0.0027	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-1-5-080714	8/7/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-1-5-103114	10/31/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-1-5-020915	2/9/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-1-5-050515	5/5/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-1-5-073015	7/30/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0037	J		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-1-5-110315	11/3/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.013	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-1-5-020316	2/3/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-1-5-050316	5/3/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-1-5-072516	7/25/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-1-5-102816	10/28/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	8.5 ft	VMP-1-8.5	11/2/2009	<0.65	U		<0.65	U		<0.65	U		<0.57	U		<0.76	U		<0.74	U		<0.74	U		<2.4	U	
		VMP-1-8.5-082510	8/25/2010	<0.051	U		<0.051	U		<0.051	U		<0.045	U		<0.059	U		<0.058	U		<0.058	U		<0.18	U	
		VMP-1-8.5-111710	11/17/2010	<0.0098	U		<0.0098	U		<0.0098	U		<0.0086	U		<0.011	U		<0.011	U		<0.011	U		<0.036	U	
		VMP-1-8.5-111710-Dup	11/17/2010	<0.0098	U		<0.0098	U		<0.0098	U		<0.0086	U		<0.011	U		<0.011	U		<0.011	U		<0.036	U	
		VMP-1-8.5-020411	2/4/2011	<0.79	U		<0.79	U		<0.79	U		<0.69	U		<0.92	U		<0.9	U		<0.9	U		<2.9	U	
		VMP-1-8.5-041211	4/12/2011	<0.0069	U		<0.0069	U		<0.0069	U		<0.006	U		<0.008	U		<0.0079	U		<0.0079	U		<0.025	U	
		VMP-1-8.5-080111	8/1/2011	<2.8	U		<2.8	U		<2.8	U		<2.5	U		<3.3	U		<3.3	U		<3.3	U		<10	U	
		VMP-1-8.5-080111-Dup	8/1/2011	<2.8	U		<2.8	U		<2.8	U		<2.4	U		<3.2	U		<3.2	U		<3.2	U		<10	U	
		VMP-1-8.5-110311	11/3/2011	<32	U		<32	U		<32	U		<28	U		<37	U		<36	U		<36	U		<120	U	
		VMP-1-8.5-013012	1/30/2012	<6.9	U		<6.9	U		<6.9	U		1.9	J		<8.1	U		<7.9	U		<7.9	U		<25	U	
		VMP-1-8.5-041612	4/16/2012	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	J	U	<0.0049	U		<0.0048	U		0.0018	J		<0.015	U	
		VMP-1-8.5-041612-Dup	4/16/2012	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	J	U	<0.0048	U		<0.0047	U		0.0014	J		<0.015	U	
		VMP-1-8.5-071612	7/16/2012	<0.0036	U		<0.0036	U		<0.0036	U		<0.032	J	U	<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-1-8.5-101112	10/11/2012	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U		<0.02	UJ	UJ
		VMP-1-8.5-012113	1/21/2013	<0.099	U		<0.099	U		<0.099	U		<0.87	U		<0.12	U		<0.11	U		<0.11	U		<0.36	U	
		VMP-1-8.5-012313-R	1/23/2013	<0.092	U		<0.092	U		<0.092	U		<0.081	U		<0.11	U		<0.1	U		<0.1	U		<0.34	U	
		VMP-1-8.5-050813	5/8/2013	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-1-8.5-072913	7/29/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-1-8.5-110413	11/4/2013	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-1-8.5-020714	2/7/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-1-8.5-043014	4/30/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-1-8.5-080714	8/7/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-1-8.5-103114	10/31/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-1-8.5-020915	2/9/2015	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-1-8.5-050515	5/5/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-1-8.5-073015	7/30/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0082	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-1-8.5-110315	11/3/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-1-8.5-020316	2/3/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-1-8.5-050316	5/3/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.0089	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-1-8.5-072516	7/25/2016	<0.0049	U		<0.0049	U		<0.0049	U		0.029	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-1-8.5-102816	10/28/2016	<0.0044	U		<0.0044	U		<0.0044	U		0.0053	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	23.5 ft	VMP-1-23.5	11/2/2009	<1.6	U		<1.6	U		<1.6	U		<1.4	U		<1.8	U		<1.8	U		<1.8	U		<5.7	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	<1.8	U		<1.8	U		<1.8	U		<1.6	U		<2.1	U		<2	U		<2	U		<6.5	U	
		VMP-1-23.5-111810	11/17/2010	<0.0049	U		<0.0049	U		<0.0049	U		0.00074	J		0.0014	J		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-1-23.5-020411	2/4/2011	<4.6	U		<4.6	U		<4.6	U		<4	U		<5.4	U		<5.3	U		<5.3	U		<17	U	
		VMP-1-23.5-041211	4/12/2011	<7.5	U		<7.5	U		<7.5	U		2.6	J		<8.8	U		<8.6	U		<8.6	U		<27	U	
		VMP-1-23.5-041211-DUP	4/12/2011	<9.5	U		<9.5	U		<9.5	U		1.5	J		<11	U		<11	U		<11	U		<34	U	
		VMP-1-23.5-080111	8/1/2011	<51	U		<51	U		<51	U		<45	U		<60	U		<58	U		<58	U		<180	U	
		VMP-1-23.5-110611	11/6/2011	<12	U		<12	U		<12	U		3	J		<14	U		<14	U		<14	U		<44	U	
		VMP-1-23.5-013112	1/31/2012	<24	U		<24	U		<24	U		<21	U		<28	U		<27	U		<27	U		<86	U	
		VMP-1-23.5-041612	4/16/2012	<1.9	U		<1.9	U		<1.9	U		<1.6	U		3.3			<2.2	U		<2.2	U		<6.9	U	
		VMP-1-23.5-071612	7/16/2012	<24	U		<24	U		<24	U		<21	U		<28	U		<27	U		<27	U		<87	U	
		VMP-1-23.5-102412	10/24/2012	<48	U		<48	U		<48	U		<42	U		<56	U		<55	U		<55	U		<170	U	
		VMP-1-23.5-012113	1/21/2013	<0.053	U	UJ	<0.053	U	UJ	<0.053	U	UJ	<0.47	U	UJ	<0.062	U	UJ	<0.061	U	UJ	<0.061	U	UJ	<0.19	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	<64	U		<64	U		<64	U		<56	U		<74	U		<73	U		<73	U		<230	U	
		VMP-1-23.5-050813	5/8/2013	<0.061	U		<0.061	U		<0.061	U		<0.054	U		<0.072	U		<0.07	U		<0.07	U		<0.22	U	
		VMP-1-23.5-050813-Dup	5/8/2013	<0.058	U		<0.058	U		<0.058	U		<0.05	U		<0.067	U		<0.066	U		<0.066	U		<0.21	U	
		VMP-1-23.5-072913	7/29/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-1-23.5-110413	11/4/2013	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-1-23.5-020714	2/7/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-1-23.5-043014	4/30/2014	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-1-23.5-080714	8/7/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-1-23.5-103114	10/31/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-1-23.5-020915	2/9/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-1-23.5-050515	5/5/2015	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-1-23.5-073015	7/30/2015	<0.0061	U		<0.0061	U		<0.0061	U		0.0057	J		<0.0071	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-1-23.5-110315	11/3/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0032	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-1-23.5-020316	2/3/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-1-23.5-050316	5/3/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-1-23.5-050316-DUP	5/3/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-1-23.5-072516	7/25/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-1-23.5-072516-DUP	7/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP1-23.5-102816	10/28/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.0045	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	38.5 ft	VMP-1-38.5	11/2/2009	<4.4	U		<4.4	U		<4.4	U		<3.9	U		<5.2	U		<5.1	U		<5.1	U		<16	U	
		VMP-1-38.5-073112	7/31/2012	<0.0037	U		<0.0037	U		<0.0037	U		<0.032	J	U	<0.0043	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-1-38.5-102612	10/26/2012	<2.6	U		<2.6	U		<2.6	U		0.22	J		<3	U		<3	U		<3	U		<9.4	U	
		VMP-1-38.5-012113	1/21/2013	<0.035	U	UJ	<0.035	U	UJ	<0.035	U	UJ	<0.3	U	UJ	<0.041	U	UJ	<0.04	U	UJ	<0.04	U	UJ	<0.13	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	<47	U		<47	U		<47	U		<41	U		<55	U		<54	U		<54	U		<170	U	
		VMP-1-38.5-050913	5/9/2013	<150	U		<150	U		<150	U		<1300	U		<180	U		<170	U		<170	U		<550	U	
		VMP-1-38.5-020714	2/7/2014	<0.047	U		<0.047	U		<0.047	U		<0.042	U		<0.055	U		<0.054	U		<0.054	U		<0.17	U	
		VMP-1-38.5-020714-Dup	2/7/2014	<0.05	U		<0.05	U		<0.05	U		<0.044	U		<0.059	U		<0.058	U		<0.058	U		<0.18	U	
		VMP-1-38.5-043014	4/30/2014	<0.049	U		<0.049	U		<0.049	U		<0.43	U		<0.057	U		<0.056	U		<0.056	U		<0.18	U	
		VMP-1-38.5-080714	8/7/2014	<1.2	U		<1.2	U		<1.2	U		<1.1	U	UJ	<1.4	U		<1.4	U		<1.4	U		<4.5	U	
		VMP-1-38.5-103114	10/31/2014	<0.048	U		<0.048	U		<0.048	U		<0.042	U		<0.056	U		<0.055	U		<0.055	U		<0.17	U	
		VMP-1-38.5-020915	2/9/2015	0.26	J		<0.52	U		<0.52	U		<4.6	U		0.22	J		<0.6	U		<0.6	U		<1.9	U	
		VMP-1-38.5-020915-DUP	2/9/2015	<0.5	U		<0.5	U		<0.5	U		<4.4	U		<0.59	U		<0.58	U		<0.58	U		<1.8	U	
		VMP-1-38.5-050515	5/5/2015	<0.52	U		<0.52	U		<0.52	U		<0.46	U		<0.61	U		<0.6	U		<0.6	U		<1.9	U	
		VMP-1-38.5-061515-R	6/15/2015	<0.058	U		<0.058	U		<0.058	U		<0.05	U		<0.067	U		<0.066	U		<0.066	U		<0.21	U	
		VMP-1-38.5-073015	7/30/2015	<0.0058	U		<0.0058	U		<0.0058	U		0.0062	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	5 ft	VMP-2-5	11/2/2009	<0.58	U		<0.58	U		<0.58	U		<0.5	U		<0.67	U		<0.66	U		<0.66	U		<2.1	U	
		VMP - 2 - 5 - 083110	8/31/2010	<1.8	U		<1.8	U		<1.8	U		<1.6	U		<2.1	U		<2	U		<2	U		<6.5	U	
		VMP-2-5-111610	11/16/2010	<2.6	U		<2.6	U		<2.6	U		<2.3	U		<3	U		<3	U		<3	U		<9.5	U	
		VMP-2-5-020411	2/4/2011	<0.68	U		<0.68	U		<0.68	U		<0.6	U		<0.8	U		<0.78	U		<0.78	U		<2.5	U	
		VMP-2-5-041311	4/13/2011	<0.0055	U		<0.0055	U		<0.0055	U		0.00083	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-2-5-080211	8/2/2011	<5.7	U		<5.7	U		<5.7	U		<5	U		<6.7	U		<6.6	U		<6.6	U		<21	U	
		VMP-2-5-110711	11/7/2011	<0.0034	U		<0.0034	U		<0.0034	U		0.0012	J		0.0005	J		<0.0039	U		<0.0039	U		<0.012	U	
		VMP-2-5-012512	1/25/2012	<0.38	U		<0.38	U		<0.38	U		1			<0.45	U		<0.44	U		<0.44	U		<1.4	U	
		VMP-2-5-042512	4/25/2012	<0.015	U		<0.015	U		<0.015	U		<0.13	U		<0.018	U		<0.017	U		<0.017	U		<0.055	U	
		VMP-2-5-071612	7/16/2012	<0.0037	U		<0.0037	U		<0.0037	U		0.0022	J		<0.0043	U		<0.0042	U		<0.0042	U		0.016		
		VMP-2-5-102412	10/24/2012	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-2-5-013113	1/31/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-2-5-050613	5/6/2013	<0.0051	U		<0.0051	U		<0.0051	J	U	<0.045	J	U	<0.006	U		<0.0058	J	U	<0.0058	J	U	<0.018	U	
		VMP-2-5-022614	2/26/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-2-5-050114	5/1/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-2-5-111014	11/10/2014	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-2-5-021015	2/10/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-2-5-050615	5/6/2015	<0.0058	U		<0.0058	U		<0.0058	U		0.0017	J	J	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-2-5-110415	11/4/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-2-5-020116	2/1/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-2-5-042716	4/27/2016	<0.0062	U		<0.0062	U		<0.0062	U		0.0017	J		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-2-5-072616	7/26/2016	<0.0052	U		<0.0052	U		<0.0052	U		0.0018	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-2-5-102616	10/26/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
	8.5 ft	VMP-2-8.5	11/3/2009	<0.2	U		<0.2	U		<0.2	U		<0.18	U	UJ	<0.24	U		<0.23	U		<0.23	U		<0.74	U	
		VMP-2-8.5-D	11/3/2009	<0.21	U		<0.21	U		<0.21	U		<0.19	U	UJ	<0.25	U		<0.24	U		<0.24	U		<0.78	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	<1.8	U		<1.8	U		<1.8	U		<1.6	U		<2.1	U		<2.1	U		<2.1	U		<6.6	U	
		VMP-2-8.5-111610	11/16/2010	<5	U		<5	U		<5	U		<4.4	U		<5.8	U		<5.7	U		<5.7	U		<18	U	
		VMP-2-8.5-020411	2/4/2011	<1.7	U		<1.7	U		<1.7	U		<1.5	U		<2	U		<2	U		<2	U		<6.2	U	
		VMP-2-8.5-041311	4/13/2011	0.076	J		<0.52	U		<0.52	U		<0.46	U		<0.61	U		<0.6	U		<0.6	U		<1.9	U	
		VMP-2-8.5-080211	8/2/2011	<21	U		<21	U		<21	U		<18	U		<24	U		<24	U		<24	U		<76	U	
		VMP-2-8.5-110711	11/7/2011	<0.045	U		<0.045	U		<0.045	U		<0.04	U		<0.053	U		<0.052	U		<0.052	U		<0.16	U	
		VMP-2-8.5-012612	1/26/2012	<2	U		<2	U		<2	U		<1.8	U		<2.3	U		<2.3	U		<2.3	U		<7.3	U	
		VMP-2-8.5-012612-DUP	1/26/2012	<2	U		<2	U		<2	U		<1.8	U		<2.3	U		<2.3	U		<2.3	U		<7.3	U	
		VMP-2-8.5-041612	4/16/2012	<0.0039	U		<0.0039	U		<0.0039	U		<0.034	J	U	<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-2-8.5-041612-Dup	4/16/2012	<0.004	U		<0.004	U		<0.004	U		<0.035	J	U	<0.0046	U		<0.0046	U		0.0013	J		<0.014	U	
		VMP-2-8.5-071612	7/16/2012	<0.0044	U		<0.0044	U		<0.0044	J	U	<0.039	J	U	<0.0052	U		<0.0051	J	U	0.002	J		<0.016	U	
		VMP-2-8.5-071612-Dup	7/16/2012	<0.0036	U		<0.0036	U		<0.0036	U		0.0022	J		<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-2-8.5-102312	10/23/2012	<0.0058	U		<0.0058	U		<0.0058	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-2-8.5-020513	2/5/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-2-8.5-050613	5/6/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	J	U	<0.02	U	
		VMP-2-8.5-050613-Dup	5/6/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	J	U	<0.019	U	
		VMP-2-8.5-022614	2/26/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-2-8.5-050114	5/1/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-2-8.5-081514	8/15/2014	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-2-8.5-081514-DUP	8/15/2014	<0.0066	U		<0.0066	U		<0.0066	U		<0.058	U		<0.0077	U		<0.0076	U		<0.0076	U		<0.024	U	
		VMP-2-8.5-111014	11/10/2014	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-2-8.5-021015	2/10/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-2-8.5-050615	5/6/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-2-8.5-110415	11/4/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.0045	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-2-8.5-021616	2/16/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		0.0019	J	
		VMP-2-8.5-042716	4/27/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-2-8.5-072616	7/26/2016	<0.0058	U		<0.0058	U		<0.0058	U		0.0029	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-2-8.5-102616	10/26/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	22 ft	VMP-2-22	11/3/2009	<1.1	U		<1.1	U		<1.1	U		<0.97	U		<1.3	U		<1.3	U		<1.3	U		<4	U	
		VMP - 2 - 22 - 083110	8/31/2010	<2.8	U		<2.8	U		<2.8	U		<2.4	U		<3.2	U		<3.2	U		<3.2	U		<10	U	
		VMP-2-22-111610	11/16/2010	<5.2	U		<5.2	U		<5.2	U		<4.6	U		<6.1	U		<6	U		<6	U		<19	U	
		VMP-2-22-020411	2/4/2011	<2.4	U		<2.4	U		<2.4	U		<2.1	U		<2.7	U		<2.7	U		<2.7	U		<8.6	U	
		VMP-2-22-041311	4/13/2011	<6.9	U		<6.9	U		<6.9	U		<6.1	U		<8.1	U		<7.9	U		<7.9	U		<25	U	
		VMP-2-22-080211	8/2/2011	<28	U		<28	U		<28	U		<24	U		<32	U		<32	U		<32	U		<100	U	
		VMP-2-22-110711	11/7/2011	<1.5	U		<1.5	U		<1.5	U		<1.3	U		<1.7	U		<1.7	U		<1.7	U		<5.4	U	
		VMP-2-22-012612	1/26/2012	<3.1	U		<3.1	U		<3.1	U		<2.7	U		<3.6	U		<3.5	U		<3.5	U		<11	U	
		VMP-2-22-042712	4/27/2012	<0.0032	U		<0.0032	U		<0.0032	U		<0.028	J	U	<0.0037	U		<0.0036	U		<0.0036	U		<0.012	U	
		VMP-2-22-071612	7/16/2012	<0.0038	U		<0.0038	U		<0.0038	U		0.0026	J		<0.0044	U		<0.0043	U		<0.0043	J	U	<0.014	U	
		VMP-2-22-102312	10/23/2012	<0.0058	U		<0.0058	U		<0.0058	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-2-22-013113	1/31/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-2-22-050613	5/6/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	J	U	<0.02	U	
		VMP-2-22-081213	8/12/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-2-22-111513	11/15/2013	<0.0053	U		0.0059			<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-2-22-022614	2/26/2014	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-2-22-050114	5/1/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-2-22-081414	8/14/2014	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-2-22-111014	11/10/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-2-22-021015	2/10/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-2-22-021015-DUP	2/10/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-2-22-050615	5/6/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-2-22-073015	7/30/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0041	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-2-22-110415	11/4/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0044	J		<0.0061	U		<0.006	U		<0.006	U		0.0033	J	
		VMP-2-22-020116	2/1/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-2-22-020116-DUP	2/1/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-2-22-042716	4/27/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0074	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-2-22-072616	7/26/2016	<0.0057	U		<0.0057	U		<0.0057	U		0.003	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-2-22-102616	10/26/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
	42 ft	VMP-2-42	11/3/2009	<22	U		<22	U		<22	U		<19	U		<25	U		<25	U		<25	U		<79	U	
		VMP-2-42-013113	1/31/2013	<52	U		<52	U		<52	U		80	J		<60	U		<59	U		<59	U		<190	U	
		VMP-2-42-050613	5/6/2013	<22	U		<22	U		<22	U		<190	U		<25	U		<25	U		<25	U		<79	U	
		VMP-2-42-022614	2/26/2014	<48	U		<48	U		<48	U		<42	U		<57	U		<56	U		<56	U		<180	U	
		VMP-2-42-050114	5/1/2014	<4.5	U		<4.5	U		<4.5	U		<4	U		<5.3	U		<5.2	U		<5.2	U		<16	U	
		VMP-2-42-081414	8/14/2014	<22	U		<22	U		<22	U		<19	U	UJ	<26	U		<25	U		<25	U		<81	U	
		VMP-2-42-021015	2/10/2015	<4.7	U		<4.7	U		<4.7	U		<4.1	U		<5.5	U		<5.4	U		<5.4	U		<17	U	
		VMP-2-42-050615	5/6/2015	<67	U		<67	U		<67	U		<59	U		<78	U		<77	U		<77	U		<240	U	
		VMP-2-42-061515-R	6/15/2015	<54	U		<54	U		<54	U		<47	U		<63	U		<62	U		<62	U		<200	U	
		VMP-2-42-073015	7/30/2015	<320	U		<320	U		<320	U		160	J		<370	U		<370	U		<370	U		<1200	U	
VMP-3	5 ft	VMP-3-5	11/3/2009	<0.021	U		<0.021	U		<0.021	U		<0.019	U	UJ	<0.025	U		<0.024	U		<0.024	U		<0.078	U	
		VMP-3-5-090910	9/9/2010	<5.3	U		<5.3	U		<5.3	U		<4.6	U		<6.1	U		<6	U		<6	U		<19	U	
		VMP-3-5-112210	11/22/2010	<5.3	U		<5.3	U		<5.3	U		14			<6.2	U		<6.1	U		<6.1	U		<19	U	
		VMP-3-5-020911	2/9/2011	<2.4	U		<2.4	U		<2.4	U		<2.1	U		<2.8	U		<2.7	U		<2.7	U		<8.7	U	
		VMP-3-5-041411	4/14/2011	<26	U		<26	U		<26	U		<22	U		<30	U		<30	U		<30	U		<94	U	
		VMP-3-5-080211	8/2/2011	<0.0062	U		<0.0062	U		<0.0062	U		0.0018	J		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-3-5-110811	11/8/2011	<0.0034	U		<0.0034	U		<0.0034	U		0.003			<0.004	U		<0.0039	U		<0.0039	U		<0.012	U	
		VMP-3-5-110811-DUP	11/8/2011	<0.0035	U		<0.0035	U		<0.0035	U		0.001	J		<0.004	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-3-5-012712	1/27/2012	<1.7	U		<1.7	U		<1.7	U		0.68	J		<2	U		<2	U		<2	U		<6.3	U	
		VMP-3-5-041912	4/19/2012	<0.0038	U		<0.0038	U		<0.0038	U		<0.033	J	U	<0.0044	U		<0.0043	U		0.0011	J		0.041		
		VMP-3-5-072712	7/27/2012	<0.004	U		<0.004	U		<0.004	U		0.0024	J		0.00081	J		<0.0046	U		<0.0046	U		<0.014	U	
		VMP-3-5-060413	6/4/2013	<0.0063	U		<0.0063	U		<0.0063	U		0.0021	J		<0.0073	U		0.0017	J		<0.0072	J	U	<0.023	U	
		VMP-3-5-072913	7/29/2013	<0.006	U		<0.006	U		<0.006	U		0.0023	J		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-3-5-110613	11/6/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-3-5-021314	2/13/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-3-5-050214	5/2/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-3-5-081214	8/12/2014	<0.011	U		<0.011	U		<0.011	U		<0.094	U		<0.012	U		<0.012	U		<0.012	U		<0.039	U	
		VMP-3-5-103114	10/31/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-3-5-020915	2/9/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-3-5-050415	5/4/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.0029	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-3-5-072915	7/29/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0034	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-3-5-110515	11/5/2015	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	J	U	<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-3-5-021616	2/16/2016	<0.0046	U		<0.0046	U		<0.0046	U		0.0026	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-3-5-042716	4/27/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-3-5-080116	8/1/2016	<0.0078	U		<0.0078	U		<0.0078	U		<0.068	U		<0.009	U		<0.0089	U		<0.0089	U		<0.028	U	
		VMP-3-5-102616	10/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10	6/21/2010	<6	U		<6	U		<6	U		<5.3	U		<7	U		<6.9	U		<6.9	U		<22	U	
		VMP 3-10-091010	9/10/2010	<17	U		<17	U		<17	U		<15	U		<20	U		<19	U		<19	U		<61	U	
		VMP-3-10-092010	9/20/2010	<12	U		<12	U		<12	U		<11	U		<14	U		<14	U		<14	U		<45	U	
		VMP-3-10-112210	11/22/2010	<5.2	U		<5.2	U		<5.2	U		<4.6	U		<6.1	U		<6	U		<6	U		<19	U	
		VMP-3-10-112210-Dup	11/22/2010	<7.3	U		<7.3	U		<7.3	U		<6.4	U		<8.5	U		<8.4	U		<8.4	U		<26	U	
		VMP-3-10-020811	2/8/2011	<7.7	U		<7.7	U		<7.7	U		<6.7	U		<9	U		<8.8	U		<8.8	U		<28	U	
		VMP-3-10-041311	4/13/2011	<45	U		<45	U		<45	U		<39	U		<52	U		<51	U		<51	U		<160	U	
		VMP-3-10-080311	8/3/2011	<0.056	U		<0.056	U		<0.056	U		<0.049	U		<0.066	U		<0.064	U		<0.064	U		<0.2	U	
		VMP-3-10-110811	11/8/2011	<0.0046	U		<0.0046	U		<0.0046	U		<0.004	J	U	<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-3-10-012712	1/27/2012	<0.033	U		<0.033	U		<0.033	U		<0.029	U		<0.039	U		<0.038	U		<0.038	U		<0.12	U	
		VMP-3-10-042012	4/20/2012	<0.0034	U		<0.0034	J	U	0.0012	J		<0.03	J	U	0.00088	J		<0.0039	J	U	<0.0039	J	U	<0.012	U	
		VMP-3-10-072312	7/23/2012	<0.004	U		<0.004	U		<0.004	U		0.0032	J		<0.0046	U		<0.0046	U		<0.0046	U		<0.014	U	
		VMP-3-10-101812	10/18/2012	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-3-10-020613	2/6/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-3-10-060413	6/4/2013	<0.006	U		<0.006	U		<0.006	U		0.0015	J		<0.007	U		<0.0068	U		<0.0068	J	U	0.0055	J	
		VMP-3-10-072913	7/29/2013	<0.0058	U		<0.0058	U		<0.0058	U		0.0028	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-3-10-110613	11/6/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-3-10-022814	2/28/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-3-10-022814-Dup	2/28/2014	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-3-10-050214	5/2/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-3-10-081214	8/12/2014	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-3-10-103114	10/31/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-3-10-020915	2/9/2015	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-3-10-050415	5/4/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0024	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-3-10-072915	7/29/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-3-10-110315	11/3/2015	<0.0055	U		0.0094			<0.0055	U		0.005	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-3-10-021616	2/16/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-3-10-042716	4/27/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-3-10-080216	8/2/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-3-10-102616	10/26/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U		<0.022	U	
	22 ft	VMP-3-22	11/4/2009	<15	U		<15	U		<15	U		<13	U		<18	U		<18	U		<18	U		<56	U	
		VMP-3-22-092010	9/20/2010	<16	U		<16	U		<16	U		<14	U		<19	U		<18	U		<18	U		<58	U	
		VMP-3-22-112210	11/22/2010	<18	U		<18	U		<18	U		19			<22	U		<21	U		<21	U		<67	U	
		VMP-3-22-020811	2/8/2011	<9.1	U		<9.1	U		<9.1	U		<8	U		<10	U		<10	U		<10	U		<33	U	
		VMP-3-22-041511	4/15/2011	<49	U		<49	U		<49	U		<43	U	UJ	<57	U		<56	U		<56	U		<180	U	
		VMP-3-22-080611	8/6/2011	<0.078	U		<0.078	U		<0.078	U		<0.069	U		<0.091	U		<0.09	U		<0.09	U		<0.28	U	
		VMP-3-22-110811	11/8/2011	<0.0035	U		<0.0035	U		<0.0035	U		0.0021	J		<0.004	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-3-22-013012	1/30/2012	<0.014	U		<0.014	U		<0.014	U		<0.012	U		<0.016	U		<0.016	U		<0.016	U		0.013	J	
		VMP-3-22-042012	4/20/2012	<0.0035	U		<0.0035	J	U	<0.0035	U		<0.03	J	U	<0.004	U		<0.004	U		<0.004	J	U	<0.013	U	
		VMP-3-22-072312	7/23/2012	<0.0039	U		<0.0039	U		<0.0039	U		0.0015	J		<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-3-22-101812	10/18/2012	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-3-22-020613	2/6/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-3-22-060413	6/4/2013	<0.0056	U		<0.0056	U		<0.0056	U		0.0017	J		<0.0066	U		<0.0065	U		<0.0065	J	U	<0.02	U	
		VMP-3-22-060413-Dup	6/4/2013	<0.0058	U		<0.0058	U		<0.0058	U		0.0016	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-3-22-072913	7/29/2013	<0.0056	U		<0.0056	U		<0.0056	U		0.0022	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-3-22-110613	11/6/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-3-22-110613-Dup	11/6/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-3-22-021314	2/13/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-3-22-050214	5/2/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-3-22-081214	8/12/2014	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-3-22-103114	10/31/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-3-22-020915	2/9/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-3-22-050815	5/8/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-3-22-072915	7/29/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-3-22-110315	11/3/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0049	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-3-22-021616	2/16/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-3-22-042716	4/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-3-22-080116	8/1/2016	<0.007	U		<0.007	U		<0.007	U		<0.061	U		<0.0082	U		<0.008	U		<0.008	U		<0.025	U	
		VMP-3-22-102616	10/26/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	31.5 ft	VMP-3-31.5	11/4/2009	<24	U		<24	U		<24	U		<22	U		<29	U		<28	U		<28	U		<89	U	
		VMP-3-31.5-090910	9/9/2010	<30	U		<30	U		<30	U		<26	U		<35	U		<34	U		<34	U		<110	U	
		VMP-3-31.5-112210	11/22/2010	<21	U		<21	U		<21	U		<18	U		<24	U		<24	U		<24	U		<76	U	
		VMP-3-31.5-020911	2/9/2011	<20	U		<20	U		<20	U		<18	U		<23	U		<23	U		<23	U		<73	U	
		VMP-3-31.5-041411	4/14/2011	<160	U		<160	U		<160	U		<140	U		<190	U		<190	U		<190	U		<600	U	
		VMP-3-31.5-041411-DUP	4/14/2011	<160	U		<160	U		<160	U		<140	U		<190	U		<190	U		<190	U		<600	U	
		VMP-3-31.5-080211	8/2/2011	<370	U		<370	U		<370	U		<330	U		<430	U		<430	U		<430	U		<1400	U	
		VMP-3-31.5-080211-Dup	8/2/2011	<220	U		<220	U		<220	U		<190	U		<250	U		<250	U		<250	U		<790	U	
		VMP-3-31.5-110811	11/8/2011	<8.7	U		<8.7	U		<8.7	U		<7.6	U		<10	U		<9.9	U		<9.9	U		<32	U	
		VMP-3-31.5-012712	1/27/2012	<55	U		<55	U		<55	U		14	J	J	<64	U		<63	U		<63	U		<200	U	
		VMP-3-31.5-041912	4/19/2012	<95	U		<95	U		<95	U		<83	U		<110	U		<110	U		<110	U		<340	U	
		VMP-3-31.5-041912-Dup	4/19/2012	<91	U		<91	U		<91	U		<80	U		<100	U		<100	U		<100	U		<330	U	
		VMP-3-31.5-072312	7/23/2012	<23	U		<23	U		<23	U		<20	U		<26	U		<26	U		<26	U		<82	U	
		VMP-3-31.5-101912	10/19/2012	<1.8	U		<1.8	U		<1.8	U		<1.6	U		<2.1	U		<2.1	U		<2.1	U		<6.6	U	
		VMP-3-31.5-020713	2/7/2013	<10	U		<10	U		<10	U		<9	U		<12	U		<12	U		<12	U		<37	U	
		VMP-3-31.5-060413	6/4/2013	<5.6	U		<5.6	U		<5.6	U		<4.9	U		<6.5	U		<6.4	U		<6.4	U		<20	U	
		VMP-3-31.5-072913	7/29/2013	<5.9	U		<5.9	U		<5.9	U		<51	U		<6.8	U		<6.7	U		<6.7	U		<21	U	
		VMP-3-31.5-110613	11/6/2013	<0.25	U		<0.25	U		<0.25	U		<0.22	U		<0.29	U		<0.28	U		<0.28	U		<0.91	U	
		VMP-3-31.5-022114	2/21/2014	<0.019	U		<0.019	U		<0.019	U		<0.17	U		<0.023	U		<0.022	U		<0.022	U		<0.071	U	
		VMP-3-31.5-050214	5/2/2014	<0.25	U		<0.25	U		<0.25	U		0.24	J		<0.29	U		<0.29	U		<0.29	U		<0.92	U	
		VMP-3-31.5-081214	8/12/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-3-31.5-103114	10/31/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-3-31.5-020915	2/9/2015	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-3-31.5-110315	11/3/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0056	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-3-31.5-020116	2/1/2016	<0.0067	U		<0.0067	U		<0.0067	U		<0.058	U		<0.0078	U		<0.0076	U		<0.0076	U		<0.024	U	
		VMP-3-31.5-042716	4/27/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-3-31.5-080116	8/1/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-3-31.5-102616	10/26/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	39 ft	VMP-3-39	11/4/2009	<49	U		<49	U		<49	U		<43	U		<57	U		<56	U		<56	U		<180	U	
		VMP-3-39-101912	10/19/2012	<180	U		<180	U		<180	U		<160	U		<210	U		<210	U		<210	U		<660	U	
		VMP-3-39-021213	2/12/2013	<52	U		<52	U		<52	U		<46	U		<61	U		<60	U		<60	U		<190	U	
		VMP-3-39-060413	6/4/2013	<5.4	U		<5.4	U		<5.4	U		<4.8	U		<6.4	U		<6.2	U		<6.2	U		<20	U	
		VMP-3-39-072913	7/29/2013	<4.6	U		<4.6	U		<4.6	U		<41	U		<5.4	U		<5.3	U		<5.3	U		<17	U	
		VMP-3-39-110613	11/6/2013	<5	U		<5	U		<5	U		<4.4	U		<5.8	U		<5.7	U		<5.7	U		<18	U	
		VMP-3-39-022114	2/21/2014	<48	U		<48	U		<48	U		<42	U		<56	U		<55	U		<55	U		<170	U	
		VMP-3-39-050214	5/2/2014	<1.1	U		<1.1	U		<1.1	U		<0.94	U		<1.2	U		<1.2	U		<1.2	U		<3.9	U	
		VMP-3-39-050214-Dup	5/2/2014	<2.3	U		<2.3	U		<2.3	U		<2	U		<2.6	U		<2.6	U		<2.6	U		<8.3	U	
		VMP-3-39-081214	8/12/2014	<3.1	U		<3.1	U		<3.1	U		<2.7	U	UJ	<3.6	U		<3.5	U		<3.5	U		<11	U	
		VMP-3-39-103114	10/31/2014	<0.28	U		<0.28	U		<0.28	U		<0.25	U		<0.33	U		<0.33	U		<0.33	U		<1	U	
		VMP-3-39-020915	2/9/2015	<16	U		<16	U		<16	U		<140	U		<18	U		<18	U		<18	U		<57	U	
		VMP-3-39-110315	11/3/2015	<0.0049	U		<0.0049	U		<0.0049	U		0.011	J		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-3-39-020116	2/1/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-3-39-020116-DUP	2/1/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
VMP-4	5 ft	VMP-4-5	11/5/2009	<0.05	U		<0.05	U		<0.05	U		<0.044	U		<0.058	U		<0.057	U		<0.057	U		<0.18	U	
		VMP-4-5-082510	8/25/2010	<0.28	U		<0.28	U		<0.28	U		<0.25	U		<0.33	U		<0.33	U		<0.33	U		<1	U	
		VMP-4-5-112210	11/22/2010	<11	U		<11	U		<11	U		<9.3	U		<12	U		<12	U		<12	U		<39	U	
		VMP-4-5-021411	2/14/2011	<0.62	U		<0.62	U		<0.62	U		<0.55	U		<0.73	U		<0.71	U		<0.71	U		<2.3	U	
		VMP-4-5-041911	4/19/2011	<29	U		<29	U		<29	U		<25	U		<34	U		<33	U		<33	U		<100	U	
		VMP-4-5-080311	8/3/2011	<0.062	U		<0.062	U		<0.062	U		<0.054	U		<0.072	U		<0.07	U		<0.07	U		<0.22	U	
		VMP-4-5-110911	11/9/2011	<0.0034	U		<0.0034	U		<0.0034	U		<0.003	J	U	<0.004	U		<0.0039	U		<0.0039	U		<0.012	U	
		VMP-4-5-013012	1/30/2012	<0.17	U		<0.17	U		<0.17	U		0.19		J	<0.2	U		<0.2	U		<0.2	U		<0.63	U	
		VMP-4-5-042512	4/25/2012	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	J	U	<0.005	U		<0.0049	U		<0.0049	J	U	<0.016	U	
		VMP-4-5-072512	7/25/2012	<0.0042	U		<0.0042	U		<0.0042	U		0.0026	J		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-4-5-101812	10/18/2012	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-4-5-020713	2/7/2013	<0.0049	U		<0.0049	U		<0.0049	U		0.0032	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-4-5-050913	5/9/2013	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U		<0.023	U	
		VMP-4-5-080113	8/1/2013	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-4-5-120313-R	12/3/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	J	U	<0.021	U	
		VMP-4-5-022714	2/27/2014	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-4-5-050214	5/2/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-4-5-081514	8/15/2014	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-4-5-021015	2/10/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-4-5-110215	11/2/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.0047	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-4-5-020316	2/3/2016	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-4-5-050516	5/5/2016	<0.23	U		<0.23	U		<0.23	U		<2	U		<0.27	U		<0.26	U		<0.26	U		<0.84	U	
		VMP-4-5-080216	8/2/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-4-5-102816	10/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	12 ft	VMP-4-12	11/5/2009	<0.84	U		<0.84	U		<0.84	U		<0.73	U		<0.98	U		<0.96	U		<0.96	U		<3	U	
		VMP-4-12-082510	8/25/2010	<5	U		<5	U		<5	U		<4.4	U		<5.8	U		<5.7	U		<5.7	U		<18	U	
		VMP-4-12-112310	11/23/2010	<5.1	U		<5.1	U		<5.1	U		<4.5	U		<6	U		<5.8	U		<5.8	U		<18	U	
		VMP-4-12-021411	2/14/2011	<1.3	U		<1.3	U		<1.3	U		<1.1	U		<1.5	U		<1.5	U		<1.5	U		<4.7	U	
		VMP-4-12-041911	4/19/2011	<25	U		<25	U		<25	U		<22	U		<29	U		<28	U		<28	U		<90	U	
		VMP-4-12-080311	8/3/2011	<2.8	U		<2.8	U		<2.8	U		<2.5	U		<3.3	U		<3.3	U		<3.3	U		<10	U	
		VMP-4-12-080311-Dup	8/3/2011	<5.7	U		<5.7	U		<5.7	U		<5	U		<6.7	U		<6.6	U		<6.6	U		<21	U	
		VMP-4-12-110911	11/9/2011	<0.87	U		<0.87	U		<0.87	U		<0.76	U		<1	U		<0.99	U		<0.99	U		<3.2	U	
		VMP-4-12-013012	1/30/2012	<1.8	U		<1.8	U		<1.8	U		<1.6	U		<2.1	U		<2	U		<2	U		<6.4	U	
		VMP-4-12-041812	4/18/2012	<0.004	U		<0.004	U		<0.004	U		<0.035	J	U	<0.0046	U		<0.0046	U		<0.0046	U		<0.014	U	
		VMP-4-12-072312	7/23/2012	<0.019	U		<0.019	U		<0.019	U		<0.17	U		<0.022	U		<0.022	U		<0.022	U		<0.07	U	
		VMP-4-12-101812	10/18/2012	<0.006	U		<0.006	U		<0.006	U		0.0064	J		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-4-12-101812-Dup	10/18/2012	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-4-12-020713	2/7/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-4-12-020713-DUP	2/7/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-4-12-050913	5/9/2013	<0.012	U		<0.012	U		<0.012	U		<0.1	U		<0.014	U		<0.014	U		<0.014	U		<0.043	U	
		VMP-4-12-080113	8/1/2013	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-4-12-120313-R	12/3/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-4-12-022714	2/27/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-4-12-050214	5/2/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-4-12-081414	8/14/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-4-12-021015	2/10/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-4-12-051115	5/11/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-4-12-080315	8/3/2015	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-4-12-110215	11/2/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0041	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-4-12-020316	2/3/2016	<0.005	U		<0.005	U		<0.005	U		0.003	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-4-12-050316	5/3/2016	<0.0055	U		<0.0055	U		<0.0055	U		0.0024	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-4-12-080216	8/2/2016	<0.0065	U		<0.0065	U		<0.0065	U		<0.057	U		<0.0076	U		<0.0074	U		<0.0074	U		<0.024	U	
		VMP-4-12-102816	10/28/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
	23.5 ft	VMP-4-23.5	11/5/2009	<38	U		<38	U		<38	U		<34	U		<45	U		<44	U		<44	U		<140	U	
		VMP - 4 - 23.5 - 083110	8/31/2010	<5.7	U		<5.7	U		<5.7	U		<5	U		<6.7	U		<6.6	U		<6.6	U		<21	U	
		VMP-4-23.5-112310	11/23/2010	<58	U		<58	U		<58	U		<50	U		<67	U		<66	U		<66	U		<210	U	
		VMP-4-23.5-021411	2/14/2011	<2.1	U		<2.1	U		<2.1	U		<1.8	U		<2.4	U		<2.4	U		<2.4	U		<7.6	U	
		VMP-4-23.5-042011	4/20/2011	<130	U		<130	U		<130	U		<120	U		<160	U		<150	U		<150	U		<480	U	
		VMP-4-23.5-042011-DUP	4/20/2011	<130	U		<130	U		<130	U		53	J		<160	U		<150	U		<150	U		<480	U	
		VMP-4-23.5-080611	8/6/2011	<5.6	U		<5.6	U		<5.6	U		<4.9	U		<6.5	U		<6.4	U		<6.4	U		<20	U	
		VMP-4-23.5-110911	11/9/2011	<17	U		<17	U		<17	U		<14	U		<19	U		<19	U		<19	U		<60	U	
		VMP-4-23.5-013012	1/30/2012	<35	U		<35	U		<35	U		<31	U		<41	U		<41	U		<41	U		<130	U	
		VMP-4-23.5-013012-DUP	1/30/2012	<25	U		<25	U		<25	U		<22	U		<29	U		<28	U		<28	U		<90	U	
		VMP-4-23.5-041912	4/19/2012	<7.8	U		<7.8	U		<7.8	U		<6.8	U		<9	U		<8.9	U		<8.9	U		<28	U	
		VMP-4-23.5-072312	7/23/2012	<3.7	U		<3.7	U		<3.7	U		<3.3	U		<4.3	U		<4.3	U		<4.3	U		<14	U	
		VMP-4-23.5-101812	10/18/2012	<4.1	U		<4.1	U		<4.1	U		<3.6	U		<4.8	U		<4.7	U		<4.7	U		<15	U	
		VMP-4-23.5-020713	2/7/2013	<1.3	U		<1.3	U		<1.3	U		<1.1	U		<1.5	U		<1.5	U		<1.5	U		<4.8	U	
		VMP-4-23.5-051513	5/15/2013	<1.5	U		<1.5	U		<1.5	U		<1.4	U		<1.8	U		<1.8	U		<1.8	U		<5.6	U	
		VMP-4-23.5-080113	8/1/2013	<5.7	U		<5.7	U		<5.7	U		7		J	<6.7	U		<6.6	U		<6.6	U		<21	U	
		VMP-4-23.5-080113-Dup	8/1/2013	<5.7	U		<5.7	U		<5.7	U		3.7	J	J	<6.7	U		<6.6	U		<6.6	U		<21	U	
		VMP-4-23.5-110713	11/7/2013	<0.96	U		<0.96	U		<0.96	U		<0.84	U		<1.1	U		<1.1	U		<1.1	U		<3.5	U	
		VMP-4-23.5-022714	2/27/2014	<0.18	U		<0.18	U		<0.18	U		<0.16	U		<0.21	U		<0.21	U		<0.21	U		<0.66	U	
		VMP-4-23.5-050214	5/2/2014	<0.44	U		<0.44	U		<0.44	U		<0.38	U		<0.51	U		<0.5	U		<0.5	U		<1.6	U	
		VMP-4-23.5-081314	8/13/2014	<0.11	U		<0.11	U		<0.11	U		<0.98	U		<0.13	U		<0.13	U		<0.13	U		<0.41	U	
		VMP-4-23.5-090414-R	9/4/2014	<0.24	U		<0.24	U		<0.24	U		<2.1	U		<0.27	U		<0.27	U		<0.27	U		<0.86	U	
		VMP-4-23.5-110714	11/7/2014	<0.26	U		<0.26	U		<0.26	U		<0.23	U		<0.3	U		<0.3	U		<0.3	U		<0.95	U	
		VMP-4-23.5-021015	2/10/2015	<0.58	U		<0.58	U		<0.58	U		<5.1	U		<0.68	U		<0.66	U		<0.66	U		<2.1	U	
		VMP-4-23.5-050815	5/8/2015	<0.55	U		<0.55	U		<0.55	U		<4.8	U		<0.64	U		<0.63	U		<0.63	U		<2	U	
		VMP-4-23.5-061515-R	6/15/2015	<0.059	U		<0.059	U		<0.059	U		<0.052	U		<0.069	U		<0.068	U		<0.068	U		<0.21	U	
		VMP-4-23.5-073015	7/30/2015	<0.22	U		<0.22	U		<0.22	U		<0.19	U		<0.26	U		<0.25	U		<0.25	U		<0.8	U	
		VMP-4-23.5-110215	11/2/2015	<0.11	U		<0.11	U		<0.11	U		<0.096	U		<0.13	U		<0.12	U		<0.12	U		<0.4	U	
		VMP-4-23.5-020316	2/3/2016	<0.94	U		<0.94	U		<0.94	U	UJ	<0.82	U		<1.1	U		<1.1	U		<1.1	U		<3.4	U	
		VMP-4-23.5-020316-DUP	2/3/2016	<0.9	U		<0.9	U		<0.9	U	UJ	<0.79	U		<1	U		<1	U		<1	U		<3.3	U	
		VMP-4-23.5-050316	5/3/2016	<0.072	U		<0.072	U		<0.072	U		<0.063	U		<0.084	U		<0.083	U		<0.083	U		<0.26	U	
		VMP-4-23.5-080216	8/2/2016	<0.27	U		<0.27	U		<0.27	U		0.47	J		<0.31	U		<0.31	U		<0.31	U		<0.97	U	
		VMP-4-23.5-080216-DUP	8/2/2016	<0.27	U		<0.27	U		<0.27	U		0.6	J		<0.32	U		<0.31	U		<0.31	U		<0.99	U	
		VMP-4-23.5-092316-DUP-R	9/23/2016	<0.059	U		<0.059	U		<0.059	U		<0.21	U		<0.069	U		<0.067	U		<0.067	U		<0.21	U	
		VMP-4-23.5-092316-R	9/23/2016	<0.063	U		<0.063	U		<0.063	U		<0.22	U		<0.074	U		<0.073	U		<0.073	U		<0.23	U	
		VMP-4-23.5-102816	10/28/2016	<0.056	U		<0.056	U		<0.056	U		<0.2	U		<0.065	U		<0.064	U		<0.064	U		<0.2	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	39 ft	VMP-4-39	11/5/2009	<30	U		<30	U		<30	U		<26	U		<34	U		<34	U		<34	U		<110	U	
		VMP-4-39-042111	4/21/2011	<170	U		<170	U		<170	U		<140	U		<190	U		<190	U		<190	U		<600	U	
		VMP-4-39-041912	4/19/2012	<4	U		<4	U		<4	U		<3.5	U		<4.6	U		<4.6	U		<4.6	U		<14	U	
		VMP-4-39-072312	7/23/2012	<6	U		<6	U		<6	U		<5.2	U		<7	U		<6.8	U		<6.8	U		<22	U	
		VMP-4-39-101812	10/18/2012	<75	U		<75	U		<75	U		<66	U		<88	U		<86	U		<86	U		<270	U	
		VMP-4-39-101812-Dup	10/18/2012	<68	U		<68	U		<68	U		<60	U		<80	U		<78	U		<78	U		<250	U	
		VMP-4-39-020713	2/7/2013	<11	U		<11	U		<11	U		<9.3	U		<12	U		<12	U		<12	U		<39	U	
		VMP-4-39-051513	5/15/2013	<5.8	U		<5.8	U		<5.8	U		<5	U		<6.7	U		<6.6	U		<6.6	U		<21	U	
		VMP-4-39-110713	11/7/2013	<5.3	U		<5.3	U		<5.3	U		<4.6	U		<6.2	U		<6.1	U		<6.1	U		<19	U	
		VMP-4-39-022714	2/27/2014	<2.3	U		<2.3	U		<2.3	U		<2	U		<2.7	U		<2.7	U		<2.7	U		<8.5	U	
		VMP-4-39-050214	5/2/2014	<5	U		<5	U		<5	U		<4.4	U		<5.8	U		<5.7	U		<5.7	U		<18	U	
		VMP-4-39-081314	8/13/2014	<1	U		<1	U		<1	U		<0.9	U	UJ	<1.2	U		<1.2	U		<1.2	U		<3.7	U	
VMP-5	5 ft	VMP-5-5	11/5/2009	<0.89	U		<0.89	U		<0.89	U		<0.78	U		<1	U		<1	U		<1	U		<3.2	U	
		VMP-5-5-090910	9/9/2010	<10	U		<10	U		<10	U		<9.2	U		<12	U		<12	U		<12	U		<38	U	
		VMP-5-5-112210	11/22/2010	<2.6	U		<2.6	U		<2.6	U		<2.2	U		<3	U		<2.9	U		<2.9	U		<9.3	U	
		VMP-5-5-021611	2/16/2011	<0.016	U		<0.016	U		<0.016	U		<0.014	U		<0.019	U		<0.019	U		<0.019	U		<0.059	U	
		VMP-5-5-042111	4/21/2011	<0.052	U		<0.052	U		<0.052	U		<0.046	U		<0.061	U		<0.06	U		<0.06	U		<0.19	U	
		VMP-5-5-080511	8/5/2011	<0.005	U		<0.005	U		<0.005	U		0.0075			<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-5-5-111111	11/11/2011	<0.0037	U		<0.0037	U		<0.0037	U		0.0023	J		<0.0043	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-5-5-013012	1/30/2012	<0.037	U		<0.037	U		<0.037	U		0.042			<0.043	U		<0.042	U		<0.042	U		<0.13	U	
		VMP-5-5-041112	4/11/2012	<0.0036	U		<0.0036	U		<0.0036	U		0.0011	J		0.0014	J		<0.0042	U		<0.0042	U		0.0029	J	
		VMP-5-5-071312	7/13/2012	<0.004	U		<0.004	U		<0.004	U		<0.035	J	U	<0.0047	U		<0.0046	U		<0.0046	J	U	<0.015	U	
		VMP-5-5-101212	10/12/2012	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-5-5-012513	1/25/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-5-042913	4/29/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	J	U	<0.0064	J	U	0.004	J	
		VMP-5-5-082313-R	8/23/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-5-5-110513	11/5/2013	<0.0047	U		<0.0047	U		<0.0047	U		0.00093	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-5-5-021814	2/18/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-5-5-042814	4/28/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-5-5-080814	8/8/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-5-5-110514	11/5/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-5-5-013015	1/30/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-5-042915	4/29/2015	<0.0052	U		<0.0052	J	U	<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-5-072915	7/29/2015	<0.0069	U		<0.0069	U		<0.0069	U		<0.061	U		<0.0081	U		<0.0079	U		<0.0079	U		<0.025	U	
		VMP-5-5-102915	10/29/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0051	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-5-5-012516	1/25/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-5-5-042816	4/28/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-5-5-072816	7/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-5-5-102516	10/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
	12.5 ft	VMP-5-12.5	11/6/2009	<1	U		<1	U		<1	U		<0.9	U		<1.2	U		<1.2	U		<1.2	U		<3.7	U	
		VMP-5-12.5-D	11/6/2009	<2.3	U		<2.3	U		<2.3	U		<2	U		<2.7	U		<2.6	U		<2.6	U		<8.4	U	
		VMP-5-12.5-090910	9/9/2010	<5.2	U		<5.2	U		<5.2	U		<4.6	U		<6.1	U		<6	U		<6	U		<19	U	
		VMP-5-12.5-112310	11/23/2010	<0.26	U		<0.26	U		<0.26	U		<0.23	U		<0.3	U		<0.3	U		<0.3	U		<0.95	U	
		VMP-5-12.5-021611	2/16/2011	<0.79	U		<0.79	U		<0.79	U		<0.69	U		<0.92	U		<0.9	U		<0.9	U		<2.9	U	
		VMP-5-12.5-042111	4/21/2011	<0.056	U		<0.056	U		<0.056	U		<0.049	U		<0.065	U		<0.064	U		<0.064	U		<0.2	U	
		VMP-5-12.5-080611	8/6/2011	<4.9	U		<4.9	U		<4.9	U		<4.3	U		<5.7	U		<5.6	U		<5.6	U		<18	U	
		VMP-5-12.5-111111	11/11/2011	<0.0035	U		0.0012	J		<0.0035	U		0.0024	J		<0.0041	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-5-12.5-013012	1/30/2012	<0.011	U		<0.011	U		<0.011	U		<0.01	U		<0.013	U		<0.013	U		<0.013	U		<0.041	U	
		VMP-5-12.5-041112	4/11/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.03	U		0.00088	J		<0.004	U		<0.004	U		<0.013	U	
		VMP-5-12.5-071212	7/12/2012	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-5-12.5-101112	10/11/2012	<0.0097	U		<0.0097	U		<0.0097	U		0.0047	J		<0.011	U		<0.011	U		<0.011	U		<0.035	UJ	UJ
		VMP-5-12.5-012413	1/24/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-5-12.5-042913	4/29/2013	<0.0062	U		<0.0062	U		<0.0062	J	U	<0.055	J	U	<0.0073	U		<0.0071	U		<0.0071	J	U	<0.023	U	
		VMP-5-12.5-080113	8/1/2013	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U		<0.022	U	
		VMP-5-12.5-110513	11/5/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-5-12.5-021814	2/18/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-5-12.5-042814	4/28/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-12.5-080814	8/8/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-5-12.5-110514	11/5/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-5-12.5-110514-DUP	11/5/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-12.5-013015	1/30/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-5-12.5-042915	4/29/2015	<0.0057	U		<0.0057	J	U	<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-5-12.5-072915	7/29/2015	<0.0062	U		<0.0062	U		<0.0062	U		<0.055	U		<0.0073	U		<0.0071	U		<0.0071	U		<0.023	U	
		VMP-5-12.5-102915	10/29/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0052	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-5-12.5-012516	1/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-5-12.5-042816	4/28/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-5-12.5-072816	7/28/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-5-12.5-102516	10/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31	11/6/2009	<9.4	U		<9.4	U		<9.4	U		<8.3	U		<11	U		<11	U		<11	U		<34	U	
		VMP-5-31-090910	9/9/2010	<22	U		<22	U		<22	U		<19	U		<25	U		<25	U		<25	U		<79	U	
		VMP-5-31-112310	11/23/2010	<14	U		<14	U		<14	U		<12	U		<16	U		<16	U		<16	U		<50	U	
		VMP-5-31-021611	2/16/2011	<5.5	U		<5.5	U		<5.5	U		<4.8	U		<6.4	U		<6.3	U		<6.3	U		<20	U	
		VMP-5-31-042111	4/21/2011	<82	U		<82	U		<82	U		<72	U		<95	U		<93	U		<93	U		<300	U	
		VMP-5-31-080611	8/6/2011	<46	U		<46	U		<46	U		<40	U		<54	U		<53	U		<53	U		<170	U	
		VMP-5-31-111111	11/11/2011	<23	U		<23	U		<23	U		<20	U		<27	U		<26	U		<26	U		<84	U	
		VMP-5-31-013012	1/30/2012	<12	U		<12	U		<12	U		3	J		<14	U		<14	U		<14	U		<43	U	
		VMP-5-31-041112	4/11/2012	<0.038	U		<0.038	U		<0.038	U		<0.033	U		<0.044	U		<0.043	U		<0.043	U		<0.14	U	
		VMP-5-31-071212	7/12/2012	<0.004	U		<0.004	U		<0.004	U		0.0013	J		<0.0046	U		<0.0046	U		<0.0046	U		<0.014	U	
		VMP-5-31-101112	10/11/2012	<0.0056	U		<0.0056	U		<0.0056	U		0.0024	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	UJ	UJ
		VMP-5-31-012413	1/24/2013	<0.056	U		<0.056	U		<0.056	U		<0.49	U		<0.065	U		<0.064	U		<0.064	U		<0.2	U	
		VMP-5-31-042913	4/29/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0066	U		<0.0065	U		<0.0065	J	U	<0.021	U	
		VMP-5-31-080113	8/1/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-5-31-110513	11/5/2013	<0.0052	U		<0.0052	U		<0.0052	U		0.00063	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-31-110513-Dup	11/5/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-5-31-021814	2/18/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-5-31-042814	4/28/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-5-31-080814	8/8/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-5-31-110514	11/5/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-31-013015	1/30/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-5-31-042915	4/29/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	J	U
		VMP-5-31-072915	7/29/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-5-31-102915	10/29/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-31-030916-R	3/9/2016	<0.0049	U		<0.0049	U		<0.0049	U		0.0028	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-5-31-042816	4/28/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-5-31-072816	7/28/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-5-31-102516	10/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
	40 ft	VMP-5-40	11/6/2009	<13	U		<13	U		<13	U		<11	U		<15	U		<15	U		<15	U		<47	U	
		VMP-5-40-042111	4/21/2011	<85	U		<85	U		<85	U		<75	U		<100	U		<98	U		<98	U		<310	U	
		VMP-5-40-013012	1/30/2012	<25	U		<25	U		<25	U		6.2	J		<29	U		<28	U		<28	U		<90	U	
		VMP-5-40-041212	4/12/2012	<0.037	U		<0.037	U		<0.037	U		<0.032	U		<0.043	U		<0.042	U		<0.042	U		<0.13	U	
		VMP-5-40-071212	7/12/2012	<0.04	U		<0.04	U		<0.04	U		<0.35	U		<0.046	U		<0.046	U		<0.046	U		<0.14	U	
		VMP-5-40-101112	10/11/2012	<0.0059	U		<0.0059	U		<0.0059	U		0.0049	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	UJ
		VMP-5-40-012513	1/25/2013	<0.017	U		<0.017	U		<0.017	U		0.014	J		<0.02	U		<0.02	U		<0.02	U		<0.062	U	
		VMP-5-40-012513-Dup	1/25/2013	<0.017	U		<0.017	U		<0.017	U		0.0054	J		<0.019	U		<0.019	U		<0.019	U		<0.06	U	
		VMP-5-40-042913	4/29/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-5-40-080113	8/1/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-5-40-110513	11/5/2013	<0.0048	U		<0.0048	U		<0.0048	U		0.00052	J		<0.0056	U		<0.0055	U		<0.0055	U		0.00062	J	
		VMP-5-40-021814	2/18/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-5-40-021814-Dup	2/18/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-5-40-042814	4/28/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-5-40-042814-Dup	4/28/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-5-40-080814	8/8/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-5-40-080814-DUP	8/8/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-40-110514	11/5/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-5-40-013015	1/30/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-40-042915	4/29/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-5-40-072915	7/29/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-5-40-102915	10/29/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-5-40-012516	1/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-5-40-012516-DUP	1/25/2016	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-5-40-042816	4/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-5-40-072816	7/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		0.0052	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-5-40-102516	10/26/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	5 ft	VMP-6-5	11/6/2009	<1.6	U		<1.6	U		<1.6	U		<1.4	U		<1.8	U		<1.8	U		<1.8	U		<5.7	U	
		VMP-6-5-090810	9/8/2010	<0.87	U		<0.87	U		<0.87	U		<0.76	U		<1	U		<1	U		<1	U		<3.2	U	
		VMP-6-5-111610	11/16/2010	<5.5	U		<5.5	U		<5.5	U		<4.8	U		<6.4	U		<6.3	U		<6.3	U		<20	U	
		VMP-6-5-020711	2/7/2011	<0.0047	U		<0.0047	U		<0.0047	U		<0.0041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-6-5-040811	4/8/2011	<0.01	U		<0.01	U		<0.01	U		0.0043	J		<0.012	U		<0.012	U		<0.012	U		<0.037	U	
		VMP-6-5-080411	8/4/2011	<0.26	U		<0.26	U		<0.26	U		<0.23	U		<0.31	U		<0.3	U		<0.3	U		<0.96	U	
		VMP-6-5-110911	11/9/2011	<0.0032	U		<0.0032	U		<0.0032	U		<0.0028	J	U	<0.0037	U		<0.0036	U		<0.0036	U		<0.012	U	
		VMP-6-5-013112	1/31/2012	<0.038	U		<0.038	U		<0.038	U		0.03	J		<0.044	U		<0.043	U		<0.043	U		<0.14	U	
		VMP-6-5-041212	4/12/2012	<0.004	U		<0.004	U		<0.004	U		<0.035	J	U	<0.0046	U		<0.0046	U		<0.0046	U		<0.014	U	
		VMP-6-5-071612	7/16/2012	<0.004	U		<0.004	U		<0.004	U		<0.035	J	U	<0.0046	U		<0.0046	U		<0.0046	J	U	<0.014	U	
		VMP-6-5-101012	10/10/2012	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	UJ	UJ
		VMP-6-5-021213	2/12/2013	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-6-5-022714	2/27/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-6-5-042914	4/29/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-6-5-080814	8/8/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-6-5-110514	11/5/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-6-5-020915	2/9/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-6-5-042915	4/29/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-6-5-072715	7/27/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0026	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-6-5-102915	10/29/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-6-5-020116	2/1/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-6-5-042516	4/25/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-6-5-072816	7/28/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-6-5-102816	10/28/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
	10 ft	VMP-6-10	11/6/2009	<1.7	U		<1.7	U		<1.7	U		<1.5	U		<2	U		<2	U		<2	U		<6.2	U	
		VMP-6-10-090810	9/8/2010	<0.94	U		<0.94	U		<0.94	U		<0.83	U		<1.1	U		<1.1	U		<1.1	U		<3.4	U	
		VMP-6-10-111710	11/17/2010	<0.0051	U		<0.0051	U		<0.0051	U		<0.0045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-6-10-020711	2/7/2011	<0.005	U		<0.005	U		<0.005	U		<0.0044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-6-10-040811	4/8/2011	<0.12	U		<0.12	U		<0.12	U		0.12			<0.14	U		<0.14	U		<0.14	U		<0.44	U	
		VMP-6-10-080411	8/4/2011	<0.85	U		<0.85	U		<0.85	U		<0.74	U		<0.99	U		<0.97	U		<0.97	U		<3.1	U	
		VMP-6-10-111011	11/10/2011	<0.0033	U		<0.0033	U		<0.0033	U		<0.0029	J	U	<0.0039	U		<0.0038	U		<0.0038	U		<0.012	U	
		VMP-6-10-013112	1/31/2012	<0.59	U		<0.59	U		<0.59	U		<0.52	U		<0.69	U		<0.68	U		<0.68	U		<2.1	U	
		VMP-6-10-041212	4/12/2012	<0.0039	U		<0.0039	U		<0.0039	U		<0.034	J	U	<0.0045	U		<0.0044	U		<0.0044	J	U	<0.014	U	
		VMP-6-10-071612	7/16/2012	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	J	U	<0.006	J	U	<0.019	U	
		VMP-6-10-101112	10/11/2012	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	UJ	UJ
		VMP-6-10-020513	2/5/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-6-10-051513	5/15/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-6-10-080813	8/8/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		0.0014	J		<0.02	U	
		VMP-6-10-110513	11/5/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-6-10-022714	2/27/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-6-10-042914	4/29/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-6-10-080814	8/8/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		0.013	J	
		VMP-6-10-110514	11/5/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-6-10-020915	2/9/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-6-10-042915	4/29/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-6-10-072715	7/27/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-6-10-102915	10/29/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		0.0075	J	
		VMP-6-10-020116	2/1/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-6-10-042516	4/25/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-6-10-072816	7/28/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-6-10-102816	10/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	31.5 ft	VMP-6-31.5	11/9/2009	<11	U	UJ	<11	U		<11	U		<9.7	U	UJ	<13	U		<13	U		<13	U		<40	U	
		VMP-6-31.5-090810	9/8/2010	<6.4	U		<6.4	U		<6.4	U		<5.6	U		<7.4	U		<7.3	U		<7.3	U		<23	U	
		VMP-6-31.5-111710	11/17/2010	<10	U		<10	U		<10	U		<8.8	U		<12	U		<11	U		<11	U		<36	U	
		VMP-6-31.5-020711	2/7/2011	<9.6	U		<9.6	U		<9.6	U		<8.4	U		<11	U		<11	U		<11	U		<35	U	
		VMP-6-31.5-041111	4/11/2011	<7.4	U		<7.4	U		<7.4	U		5.8	J		<8.7	U		<8.5	U		<8.5	U		<27	U	
		VMP-6-31.5-080411	8/4/2011	<5.5	U		<5.5	U		<5.5	U		<4.8	U		<6.4	U		<6.3	U		<6.3	U		<20	U	
		VMP-6-31.5-111011	11/10/2011	<8.5	U		<8.5	U		<8.5	U		<7.4	U		<9.9	U		<9.7	U		<9.7	U		<31	U	
		VMP-6-31.5-013112	1/31/2012	<3.4	U		<3.4	U		<3.4	U		<3	U		<4	U		<3.9	U		<3.9	U		<12	U	
		VMP-6-31.5-041212	4/12/2012	<0.45	U		<0.45	U		<0.45	U		<0.4	U		<0.53	U		<0.52	U		<0.52	U		<1.6	U	
		VMP-6-31.5-071612	7/16/2012	<0.0072	U		<0.0072	U		<0.0072	U		0.0024	J		<0.0084	U		<0.0082	U		<0.0082	U		<0.026	U	
		VMP-6-31.5-101112	10/11/2012	<0.0056	U		<0.0056	U		<0.0056	U		0.0028	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	UJ	UJ
		VMP-6-31.5-020513	2/5/2013	<0.0051	U		<0.0051	U		<0.0051	U		0.005	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-6-31.5-042913	4/29/2013	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	J	U	<0.022	U	
		VMP-6-31.5-080813	8/8/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-6-31.5-110513	11/5/2013	<0.0047	U		<0.0047	U		<0.0047	U		0.0013	J		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-6-31.5-022714	2/27/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-6-31.5-042914	4/29/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-6-31.5-080814	8/8/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-6-31.5-110514	11/5/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-6-31.5-020915	2/9/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-6-31.5-042915	4/29/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-6-31.5-042915-DUP	4/29/2015	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	J	U
		VMP-6-31.5-072715	7/27/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-6-31.5-112515	11/25/2015	<0.0094	U		<0.0094	U		<0.0094	U		0.023	J		<0.011	U		<0.011	U		<0.011	U		<0.034	U	
		VMP-6-31.5-020116	2/1/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-6-31.5-042516	4/25/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-6-31.5-072816	7/28/2016	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-6-31.5-102816	10/28/2016	<0.0083	U		<0.0083	U		<0.0083	U		<0.073	U		<0.0097	U		<0.0095	U		<0.0095	U		<0.03	U	
	39 ft	VMP-6-39	11/9/2009	<13	U	UJ	<13	U		<13	U		<11	U	UJ	<15	U		<14	U		<14	U		<46	U	
		VMP-6-39-041111	4/11/2011	<8.9	U		<8.9	U		<8.9	U		3.7	J		<10	U		<10	U		<10	U		<32	U	
		VMP-6-39-013112	1/31/2012	<3.4	U		<3.4	U		<3.4	U		<3	U		<4	U		<3.9	U		<3.9	U		<12	U	
		VMP-6-39-041212	4/12/2012	<0.33	U		<0.33	U		<0.33	U		<0.29	U		<0.39	U		<0.38	U		<0.38	U		<1.2	U	
		VMP-6-39-071612	7/16/2012	<0.016	U		<0.016	U		<0.016	U		<0.14	U		<0.018	U		<0.018	U		<0.018	U		<0.057	U	
		VMP-6-39-071612-Dup	7/16/2012	<0.016	U		<0.016	U		<0.016	U		0.0026	J		<0.018	U		<0.018	U		<0.018	U		<0.057	U	
		VMP-6-39-101112	10/11/2012	<0.011	U		<0.011	U		<0.011	U		0.0032	J		<0.012	U		<0.012	U		<0.012	U		<0.039	UJ	UJ
		VMP-6-39-020513	2/5/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-6-39-050913	5/9/2013	<0.011	U		<0.011	U		<0.011	U		<0.095	U		<0.013	U		<0.012	U		<0.012	U		<0.039	U	
		VMP-6-39-050913-Dup	5/9/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-6-39-080813-Dup	8/8/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-6-39-081513	8/15/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-6-39-110513	11/5/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-6-39-022714	2/27/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-6-39-042914	4/29/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-6-39-080814	8/8/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-6-39-110514	11/5/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-6-39-020915	2/9/2015	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-6-39-020915-DUP	2/9/2015	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-6-39-042915	4/29/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-6-39-072715	7/27/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-6-39-072715-DUP	7/27/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-6-39-102915	10/29/2015	<0.017	U		<0.017	U		<0.017	U		0.017	J		<0.02	U		<0.02	U		<0.02	U		<0.062	U	
		VMP-6-39-102915-DUP	10/29/2015	<0.017	U		<0.017	U		<0.017	U		<0.15	U		<0.02	U		<0.02	U		<0.02	U		<0.063	U	
		VMP-6-39-020116	2/1/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-6-39-020116-DUP	2/1/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-6-39-042516	4/25/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-6-39-072816	7/28/2016	<0.0065	U		<0.0065	U		<0.0065	U		<0.057	U		<0.0076	U		<0.0074	U		<0.0074	U		<0.024	U	
		VMP-6-39-102816	10/28/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5	11/9/2009	<0.004	U		<0.004	U		<0.004	U		<0.004	U		<0.005	U		<0.005	U		<0.005	U		<0.017	U	
		VMP-7-5-082610	8/26/2010	<0.0052	U		<0.0052	U		<0.0052	U		0.0023	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-7-5-111910	11/19/2010	<0.0047	U		<0.0047	U		<0.0047	U		<0.0041	U		<0.0055	U		<0.0054	U		<0.0054	U		0.0093	J	
		VMP-7-5-020711	2/7/2011	<0.0051	U		<0.0051	U		<0.0051	U		0.0013	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-7-5-040711	4/7/2011	<0.0072	U		<0.0072	U		<0.0072	U		<0.0063	J	U	<0.0084	U		<0.0083	U		<0.0083	U		<0.026	U	
		VMP-7-5-080211	8/2/2011	<0.72	U		<0.72	U		<0.72	U		<0.63	U		<0.83	U		<0.82	U		<0.82	U		<2.6	U	
		VMP-7-5-111011	11/10/2011	<0.0034	U		<0.0034	U		<0.0034	U		0.0024	J	J	<0.004	U		<0.0039	U		<0.0039	U		<0.012	U	
		VMP-7-5-111011-DUP	11/10/2011	<0.0032	U		<0.0032	U		<0.0032	U		0.01		J	<0.0037	U		<0.0036	U		<0.0036	U		<0.012	U	
		VMP-7-5-013112	1/31/2012	<0.0035	U		<0.0035	U		<0.0035	U		0.003			<0.004	U		<0.004	U		<0.004	J	U	<0.013	U	
		VMP-7-5-041212	4/12/2012	<0.0038	U		<0.0038	U		<0.0038	U		<0.033	J	U	<0.0044	U		<0.0043	U		<0.0043	U		<0.014	U	
		VMP-7-5-073112	7/31/2012	<0.0097	U		<0.0097	U		<0.0097	U		<0.085	J	U	<0.011	U		<0.011	U		<0.011	U		<0.035	U	
		VMP-7-5-101012	10/10/2012	<0.0059	U		<0.0059	U		<0.0059	U		0.0034	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-7-5-060613	6/6/2013	<0.0057	U		<0.0057	U		<0.0057	U		0.0018	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-7-5-073013	7/30/2013	<0.0054	U		<0.0054	U		<0.0054	U		2.2			<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-7-5-102213	10/22/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-7-5-022414	2/24/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	J	U	<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-7-5-043014	4/30/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-7-5-080514	8/5/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-7-5-102714	10/27/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	J	U	<0.0059	U		<0.0059	U		<0.019	U	
		VMP-7-5-020215	2/2/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		0.0076	J	
		VMP-7-5-043015	4/30/2015	<0.006	U		0.0025	J		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-7-5-072715	7/27/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-7-5-102815	10/28/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0041	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-7-5-012716	1/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-7-5-042916	4/29/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-7-5-072616	7/26/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-7-5-102516	10/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	13.5 ft	VMP-7-13.5	11/9/2009	<0.035	U		<0.035	U		<0.035	U		<0.031	U		<0.041	U		<0.041	U		<0.041	U		<0.13	U	
		VMP-7-13.5-082610	8/26/2010	<0.11	U		<0.11	U		<0.11	U		<0.1	U		<0.13	U		<0.13	U		<0.13	U		<0.42	U	
		VMP-7-13.5-111910	11/19/2010	<0.8	U		<0.8	U		<0.8	U		0.91		J	<0.93	U		<0.91	U		<0.91	U		<2.9	U	
		VMP-7-13.5-020711	2/7/2011	<0.0049	U		<0.0049	U		<0.0049	U		<0.0043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-7-13.5-040711	4/7/2011	<0.0086	U		<0.0086	U		<0.0086	U		<0.0075	J	U	<0.01	U		<0.0098	U		<0.0098	U		<0.031	U	
		VMP-7-13.5-080311	8/3/2011	<0.96	U		<0.96	U		<0.96	U		<0.84	U		<1.1	U		<1.1	U		<1.1	U		<3.5	U	
		VMP-7-13.5-111011	11/10/2011	<0.0031	U		<0.0031	U		<0.0031	U		0.0031			<0.0036	U		<0.0036	U		<0.0036	U		<0.011	U	
		VMP-7-13.5-013112	1/31/2012	<0.044	U		<0.044	U		<0.044	U		<0.039	U		<0.052	U		<0.051	U		<0.051	U		<0.16	U	
		VMP-7-13.5-013112-DUP	1/31/2012	<0.045	U		<0.045	U		<0.045	U		<0.04	U		<0.053	U		<0.052	U		<0.052	U		<0.16	U	
		VMP-7-13.5-041212	4/12/2012	<0.0036	U		<0.0036	U		<0.0036	U		<0.032	J	U	<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-7-13.5-041212-DUP	4/12/2012	<0.0038	U		<0.0038	U		<0.0038	U		<0.034	J	U	<0.0044	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-7-13.5-072012	7/20/2012	<0.0037	U		<0.0037	U		<0.0037	U		0.0013	J		<0.0043	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-7-13.5-101012	10/10/2012	<0.0055	U		<0.0055	U		<0.0055	U		0.0041	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-7-13.5-021313	2/13/2013	<0.0055	U		<0.0055	U		<0.0055	U		0.00061	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-7-13.5-060513	6/5/2013	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U		<0.022	U	
		VMP-7-13.5-073013	7/30/2013	<0.0054	U		<0.0054	U		<0.0054	U		0.35			<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-7-13.5-110113	11/1/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		0.00022	J		<0.02	U	
		VMP-7-13.5-022414	2/24/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-7-13.5-043014	4/30/2014	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-7-13.5-080514	8/5/2014	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0074	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-7-13.5-102714	10/27/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-7-13.5-020215	2/2/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-7-13.5-043015	4/30/2015	<0.0063	U		0.0017	J		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-7-13.5-072715	7/27/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0031	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-7-13.5-102815	10/28/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0058	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-7-13.5-012716	1/27/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-7-13.5-042916	4/29/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-7-13.5-072616	7/26/2016	<0.0051	U		<0.0051	U		<0.0051	U		0.0053	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-7-13.5-102516	10/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.0024	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5	11/9/2009	<0.76	U		<0.76	U		<0.76	U		<0.66	U		<0.88	U		<0.87	U		<0.87	U		<2.8	U	
		VMP - 7 - 29.5 - 083110	8/31/2010	<1.6	U		<1.6	U		<1.6	U		<1.4	U		<1.9	U		<1.9	U		<1.9	U		<5.9	U	
		VMP-7-29.5-111910	11/19/2010	<2.4	U		<2.4	U		<2.4	U		<2.2	U		<2.9	U		<2.8	U		<2.8	U		<8.9	U	
		VMP-7-29.5-020711	2/7/2011	<2.6	U		<2.6	U		<2.6	U		<2.2	U		<3	U		<2.9	U		<2.9	U		<9.3	U	
		VMP-7-29.5-040711	4/7/2011	<0.62	U		<0.62	U		<0.62	U		<0.54	U		<0.72	U		<0.71	U		<0.71	U		<2.2	U	
		VMP-7-29.5-080311	8/3/2011	<1.5	U		<1.5	U		<1.5	U		<1.3	U		<1.7	U		<1.7	U		<1.7	U		<5.3	U	
		VMP-7-29.5-111111	11/11/2011	<2.9	U		<2.9	U		<2.9	U		<2.5	U		<3.4	U		<3.3	U		<3.3	U		<10	U	
		VMP-7-29.5-020112	2/1/2012	<0.58	U		<0.58	U		<0.58	U		<0.51	U		<0.67	U		<0.66	U		<0.66	U		<2.1	U	
		VMP-7-29.5-041312	4/13/2012	<0.0036	U		<0.0036	U		<0.0036	U		<0.032	J	U	<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-7-29.5-072012	7/20/2012	<0.0037	U		<0.0037	U		<0.0037	U		0.0015	J		<0.0043	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-7-29.5-072012-Dup	7/20/2012	<0.0037	U		<0.0037	U		<0.0037	U		0.0012	J		<0.0043	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-7-29.5-101012	10/10/2012	<0.0057	U		<0.0057	U		<0.0057	U		0.0023	J		<0.0067	U		<0.0066	U		0.0017	J		<0.021	UJ	UJ
		VMP-7-29.5-060613	6/6/2013	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-7-29.5-073013	7/30/2013	<0.0054	U		<0.0054	U		<0.0054	U		0.019	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-7-29.5-102213	10/22/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-7-29.5-022414	2/24/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-7-29.5-043014	4/30/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-7-29.5-080514	8/5/2014	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-7-29.5-102714	10/27/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-7-29.5-020215	2/2/2015	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-7-29.5-043015	4/30/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-7-29.5-072715	7/27/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0033	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-7-29.5-102815	10/28/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.0052	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-7-29.5-012716	1/27/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-7-29.5-042916	4/29/2016	<0.0099	U		<0.0099	U		<0.0099	U		<0.087	U		<0.012	U		<0.011	U		<0.011	U		<0.036	U	
		VMP-7-29.5-072616	7/26/2016	<0.0051	U		<0.0051	U		<0.0051	U		0.0099	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-7-29.5-102516	10/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	38 ft	VMP-7-38	11/9/2009	<0.26	U		<0.26	U		<0.26	U		<0.23	U		<0.3	U		<0.3	U		<0.3	U		<0.95	U	
		VMP-7-38-020711	2/7/2011	<3.4	U		<3.4	U		<3.4	U		<3	U		<4	U		<3.9	U		<3.9	U		<12	U	
		VMP-7-38-040711	4/7/2011	<0.87	U		<0.87	U		<0.87	U		<0.76	U		<1	U		<1	U		<1	U		<3.2	U	
		VMP-7-38-020112	2/1/2012	<0.83	U		<0.83	U		<0.83	U		<0.73	U		<0.97	U		<0.95	U		<0.95	U		<3	U	
		VMP-7-38-042512	4/25/2012	<0.0036	U		<0.0036	U		<0.0036	U		<0.032	J	U	<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-7-38-042512-Dup	4/25/2012	<0.0036	U		<0.0036	U		<0.0036	U		<0.032	J	U	<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-7-38-101112	10/11/2012	<0.0053	U		<0.0053	U		<0.0053	U		0.002	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	UJ	UJ
		VMP-7-38-060613	6/6/2013	<0.0064	U		<0.0064	U		<0.0064	U		0.0029	J		<0.0074	U		<0.0073	U		<0.0073	J	U	<0.023	U	
		VMP-7-38-073013	7/30/2013	<0.0055	U		<0.0055	U		<0.0055	U		0.0014	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-7-38-110113	11/1/2013	<0.0055	U		<0.0055	U		<0.0055	U		0.0005	J		<0.0064	U		<0.0063	U		<0.0063	U		0.00093	J	
		VMP-7-38-022414	2/24/2014	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-7-38-043014	4/30/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-7-38-043014-DUP	4/30/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-7-38-080514	8/5/2014	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-7-38-080514-DUP	8/5/2014	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-7-38-102714	10/27/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-7-38-020215	2/2/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-7-38-043015	4/30/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-7-38-072715	7/27/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-7-38-102815	10/28/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0059	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-7-38-102815-DUP	10/28/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0047	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-7-38-012716	1/27/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-7-38-012716-DUP	1/27/2016	<0.0059	U		<0.0059	U		<0.0059	U		0.0048	J		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-7-38-042916	4/29/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-7-38-042916-DUP	4/29/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-7-38-072616	7/26/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-7-38-072616-DUP	7/26/2016	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-7-38-102516	10/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-7-38-102516-Dup	10/25/2016	<0.01	U		<0.01	U		<0.01	U		<0.09	U		<0.012	U		<0.012	U		<0.012	U		<0.037	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5	11/10/2009	<0.004	U		<0.004	U		<0.004	U		<0.004	U		<0.005	U		<0.005	U		<0.005	U		<0.017	U	
		VMP - 8 - 5 - 083010	8/30/2010	<0.0053	U		0.0012	J		<0.0053	U		0.0026	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-5-111810	11/17/2010	<0.0046	U		<0.0046	U		<0.0046	U		0.00071	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-8-5-021011	2/10/2011	<0.0049	U		<0.0049	U		<0.0049	U		<0.0043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-8-5-040711	4/7/2011	<0.0055	U		<0.0055	U		<0.0055	U		<0.0048	U		<0.0064	U		<0.0063	U		<0.0063	U		0.0057	J	
		VMP-8-5-072711	7/27/2011	<0.0059	U		<0.0059	U		<0.0059	U		<0.0051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-8-5-110311	11/3/2011	<0.0034	U		<0.0034	U		<0.0034	U		<0.003	J	U	<0.004	U		<0.0039	U		<0.0039	U		<0.012	U	
		VMP-8-5-012312	1/23/2012	<0.0042	U		<0.0042	U		<0.0042	U		<0.0037	J	U	<0.0049	U		<0.0048	U		<0.0048	J	U	<0.015	U	
		VMP-8-5-041012	4/10/2012	<0.0038	U		<0.0038	U		<0.0038	U		0.0012	J		0.0013	J		<0.0043	U		0.0044			<0.014	U	
		VMP-8-5-071312	7/13/2012	<0.0032	U		<0.0032	U		<0.0032	U		0.0015	J		0.0017	J		<0.0036	U		<0.0036	U		<0.012	U	
		VMP-8-5-073112	7/31/2012	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	J	U	<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-8-5-100412	10/4/2012	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-8-5-100412-Dup	10/4/2012	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-8-5-012413	1/24/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-5-042513	4/25/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-8-5-073013	7/30/2013	<0.0054	U		<0.0054	U		<0.0054	U		0.0016	J		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-8-5-102213	10/22/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		0.00052	J	
		VMP-8-5-021014	2/10/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-8-5-042514	4/25/2014	0.0012	J		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-8-5-073014	7/30/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-8-5-103114	10/31/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-8-5-020915	2/9/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-5-042715	4/27/2015	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	J	U	<0.0053	U		<0.0052	U		<0.0052	J	U	<0.017	U	
		VMP-8-5-072815	7/28/2015	<0.005	U		<0.005	U		<0.005	U		0.0037	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-8-5-102715	10/27/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0024	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-8-5-012716	1/27/2016	<0.0046	U		<0.0046	U		<0.0046	U		0.0079	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-8-5-042916	4/29/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-8-5-072916	7/29/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.0024	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-8-5-102516	10/25/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	9.5 ft	VMP-8-9.5	11/10/2009	<0.004	U		<0.004	U		<0.004	U		<0.003	U		<0.005	U		<0.005	U		<0.005	U		<0.016	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	<0.0048	U		0.00059	J		<0.0048	U		0.005			<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	<0.0049	U		<0.0049	U		<0.0049	U		0.0013	J		0.00099	J		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-8-9.5-111810	11/17/2010	<0.0048	U		<0.0048	U		<0.0048	U		<0.0042	U		<0.0056	U		<0.0055	U		<0.0055	U		0.0021	J	
		VMP-8-9.5-021011	2/10/2011	<0.005	U		<0.005	U		<0.005	U		<0.0044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-8-9.5-040711	4/7/2011	<0.0055	U		<0.0055	U		<0.0055	U		0.00097	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-8-9.5-072711	7/27/2011	<0.0042	U		<0.0042	U		<0.0042	U		0.0065			<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-8-9.5-110311	11/3/2011	<0.0033	U		<0.0033	U		<0.0033	U		<0.0029	J	U	<0.0039	U		<0.0038	U		<0.0038	U		0.0045	J	
		VMP-8-9.5-012312	1/23/2012	<0.004	U		<0.004	U		<0.004	U		<0.0035	J	U	<0.0047	U		<0.0046	U		<0.0046	U		<0.015	U	
		VMP-8-9.5-041012	4/10/2012	<0.0038	U		<0.0038	U		<0.0038	U		0.0014	J		<0.0044	U		<0.0043	U		0.0065			<0.014	U	
		VMP-8-9.5-071312	7/13/2012	<0.0037	U		<0.0037	U		<0.0037	U		<0.032	U		<0.0043	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-8-9.5-071312-Dup	7/13/2012	<0.0035	U		<0.0035	U		<0.0035	U		0.001	J		<0.0041	U		<0.0041	U		<0.0041	U		<0.013	U	
		VMP-8-9.5-100412	10/4/2012	<0.006	U		<0.006	U		<0.006	U		0.0046	J		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-8-9.5-012413	1/24/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-8-9.5-012413-Dup	1/24/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		0.00081	J		<0.019	U	
		VMP-8-9.5-042513	4/25/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	J	U	<0.0062	U		<0.0061	U		<0.0061	J	U	<0.019	U	
		VMP-8-9.5-073013	7/30/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-9.5-102213	10/22/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-9.5-021014	2/10/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-8-9.5-021014-Dup	2/10/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-8-9.5-042514	4/25/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-8-9.5-073014	7/30/2014	<0.005	U		<0.005	U		<0.005	U		0.0062	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-8-9.5-103114	10/31/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-8-9.5-020915	2/9/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-8-9.5-042715	4/27/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	J	U	<0.017	U	
		VMP-8-9.5-072815	7/28/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-8-9.5-102715	10/27/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.003	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-8-9.5-012716	1/27/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-8-9.5-042916	4/29/2016	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-8-9.5-072916	7/29/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-8-9.5-102516	10/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	23.5 ft	VMP-8-23.5	11/10/2009	<0.004	U		<0.004	U		<0.004	U		<0.004	U		<0.005	U		<0.005	U		<0.005	U		<0.017	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	<0.0052	U		0.00085	J		<0.0052	U		0.0015	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-8-23.5-111910	11/19/2010	<0.005	U		<0.005	U		<0.005	U		<0.0044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-8-23.5-021011	2/10/2011	<0.0053	U		<0.0053	U		<0.0053	U		<0.0047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-23.5-040711	4/7/2011	<0.005	U		<0.005	U		<0.005	U		0.0066			<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-8-23.5-040711-DUP	4/7/2011	<0.0079	U		<0.0079	U		<0.0079	U		0.0021	J		<0.0092	U		<0.0091	U		<0.0091	U		<0.029	U	
		VMP-8-23.5-081011	8/10/2011	<0.0052	U		<0.0052	U		<0.0052	U		0.0021	J		<0.0061	U		<0.006	U		<0.006	J	U	<0.019	U	
		VMP-8-23.5-110611	11/6/2011	<0.0038	U		<0.0038	U		<0.0038	U		0.0021	J		<0.0044	U		<0.0043	U		<0.0043	U		0.0013	J	
		VMP-8-23.5-012312	1/23/2012	<0.0042	U		<0.0042	U		<0.0042	U		<0.0037	J	U	<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-8-23.5-041012	4/10/2012	<0.0037	U		<0.0037	U		<0.0037	U		0.00077	J		0.0022	J		<0.0042	U		0.0071			<0.013	U	
		VMP-8-23.5-071312	7/13/2012	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-8-23.5-100412	10/4/2012	<0.0057	U		<0.0057	U		<0.0057	U		0.0026	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-8-23.5-012413	1/24/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-8-23.5-050113	5/1/2013	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-8-23.5-073013	7/30/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		0.093		
		VMP-8-23.5-073013-Dup	7/30/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-23.5-102213	10/22/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		0.00074	J	
		VMP-8-23.5-021014	2/10/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-8-23.5-042514	4/25/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-8-23.5-073014	7/30/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-8-23.5-103114	10/31/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-8-23.5-020915	2/9/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-8-23.5-050515-R	5/5/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-8-23.5-072815	7/28/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0054	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-8-23.5-102715	10/27/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0058	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-23.5-012716	1/27/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-23.5-042916	4/29/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-8-23.5-072916	7/29/2016	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-8-23.5-072916-DUP	7/29/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-8-23.5-102516	10/25/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	35.5 ft	VMP-8-35.5-042514	4/25/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-8-35.5-073014	7/30/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-35.5-103114	10/31/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-8-35.5-103114-DUP	10/31/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-8-35.5-020915	2/9/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-35.5-042715	4/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-8-35.5-072815	7/28/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-8-35.5-072815-DUP	7/28/2015	<0.005	U		<0.005	U		<0.005	U		0.0027	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-8-35.5-012816	1/28/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-8-35.5-012816-DUP	1/28/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-35.5-042916	4/29/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-8-35.5-080316	8/3/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-8-35.5-102516	10/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-8-35.5-102516-Dup	10/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5	11/11/2009	<0.004	U		<0.004	U		<0.004	U		<0.003	U		<0.005	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-9-5-082610	8/26/2010	<0.0045	U		<0.0045	U		<0.0045	U		0.0072			<0.0053	U		<0.0052	U		<0.0052	U		0.008	J	
		VMP-9-5-111910	11/19/2010	<0.0047	U		<0.0047	U		<0.0047	U		<0.0041	J	U	<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-9-5-020811	2/8/2011	<0.0044	U		<0.0044	U		<0.0044	U		0.0013	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-9-5-040611	4/6/2011	<0.012	U		<0.012	U		<0.012	U		0.011			<0.014	U		<0.014	U		<0.014	U		<0.044	U	
		VMP-9-5-080211	8/2/2011	<0.23	U		<0.23	U		<0.23	U		<0.2	U		<0.27	U		<0.27	U		<0.27	U		<0.85	U	
		VMP-9-5-110411	11/4/2011	<0.0035	U		<0.0035	U		<0.0035	U		0.0041			<0.004	U		<0.004	U		<0.004	J	U	0.0018	J	
		VMP-9-5-012612	1/26/2012	<0.003	U		<0.003	U		<0.003	U		<0.0026	J	U	<0.0034	U		<0.0034	U		<0.0034	J	U	<0.011	U	
		VMP-9-5-041112	4/11/2012	<0.0035	U		<0.0035	U		<0.0035	U		0.00082	J		0.0011	J		<0.0041	U		<0.0041	U		<0.013	U	
		VMP-9-5-071312	7/13/2012	<0.0038	U		<0.0038	U		<0.0038	U		0.0018	J		<0.0044	U		<0.0043	U		<0.0043	U		<0.014	U	
		VMP-9-5-101012	10/10/2012	<0.0057	U		<0.0057	U		<0.0057	U		0.0029	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	UJ	UJ
		VMP-9-5-012513	1/25/2013	<0.0056	U	UJ	<0.0056	U	UJ	<0.0056	U	UJ	0.0058	J	J	<0.0065	U	UJ	<0.0064	U	UJ	<0.0064	U	UJ	<0.02	U	UJ
		VMP-9-5-021513	2/15/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	J	U	<0.02	U	
		VMP-9-5-050113	5/1/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-9-5-073013	7/30/2013	<0.0058	U		<0.0058	U		<0.0058	U		0.0021	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-9-5-102213	10/22/2013	<0.0054	U		<0.0054	U		<0.0054	U		0.00052	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-9-5-122013-R	12/20/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	J	U	<0.019	U	
		VMP-9-5-021114	2/11/2014	<0.0042	U		<0.0042	U		<0.0042	U		0.00083	J		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-9-5-043014	4/30/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-9-5-081114	8/11/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-9-5-110614	11/6/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-9-5-021115	2/11/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-9-5-050415	5/4/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	J	U	<0.02	U	
		VMP-9-5-072815	7/28/2015	<0.0056	U		0.0029	J		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-9-5-102815	10/28/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0053	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-9-5-012816	1/28/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-9-5-042816	4/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-9-5-080116	8/1/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-9-5-102516	10/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-9-5-120916	12/9/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.0029	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	11.5 ft	VMP-9-11.5	11/11/2009	<0.005	U		<0.005	U		<0.005	U		<0.004	U		<0.006	U		<0.006	U		<0.006	U		<0.02	U	
		VMP-9-11.5-082610	8/26/2010	<0.1	U		<0.1	U		<0.1	U		<0.089	U		<0.12	U		<0.12	U		<0.12	U		<0.37	U	
		VMP-9-11.5-111910	11/19/2010	<0.3	U		<0.3	U		<0.3	U		0.32			<0.34	U		<0.34	U		<0.34	U		<1.1	U	
		VMP-9-11.5-020911	2/9/2011	<0.0053	U		<0.0053	U		<0.0053	U		<0.0047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-9-11.5-020911-DUP	2/9/2011	<0.0041	U		<0.0041	U		<0.0041	U		<0.0036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-9-11.5-040611	4/6/2011	<0.016	U		<0.016	U		<0.016	U		0.0069	J		<0.018	U		<0.018	U		<0.018	U		<0.057	U	
		VMP-9-11.5-080211	8/2/2011	<0.35	U		<0.35	U		<0.35	U		<0.3	U		<0.41	U		<0.4	U		<0.4	U		<1.3	U	
		VMP-9-11.5-110411	11/4/2011	<0.0035	U		<0.0035	U		<0.0035	U		<0.003	J	U	<0.004	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-9-11.5-012612	1/26/2012	<0.0031	U		<0.0031	U		<0.0031	U		<0.0027	J	U	<0.0036	U		<0.0035	J	U	<0.0035	J	U	<0.011	U	
		VMP-9-11.5-041112	4/11/2012	<0.0036	U		<0.0036	U		<0.0036	U		0.0012	J		0.00078	J		<0.0042	U		0.00098	J		<0.013	U	
		VMP-9-11.5-071312	7/13/2012	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-9-11.5-101012	10/10/2012	<0.0055	U		<0.0055	U		<0.0055	U		0.0022	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	UJ	UJ
		VMP-9-11.5-012513	1/25/2013	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-9-11.5-012513-DUP	1/25/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-9-11.5-050113	5/1/2013	<0.006	U		<0.006	U		<0.006	U		<0.052	J	U	<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-9-11.5-073013	7/30/2013	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-9-11.5-102213	10/22/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-9-11.5-122013-R	12/20/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-9-11.5-021114	2/11/2014	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-9-11.5-043014	4/30/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-9-11.5-081114	8/11/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-9-11.5-110614	11/6/2014	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-9-11.5-021115	2/11/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-9-11.5-050415	5/4/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-9-11.5-072815	7/28/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-9-11.5-102815	10/28/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-9-11.5-012816	1/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-9-11.5-042816	4/28/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-9-11.5-080116	8/1/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-9-11.5-080116-DUP	8/1/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-9-11.5-102516	10/25/2016	<0.0049	U		<0.0049	U		<0.0049	U		0.0094	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-9-11.5-120916	12/9/2016	<0.0052	U		<0.0052	U		<0.0052	U		0.0016	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	25.5 ft	VMP-9-25.5	11/10/2009	<1.1	U		<1.1	U		<1.1	U		<0.96	U		<1.3	U		<1.2	U		<1.2	U		<4	U	
		VMP-9-25.5-D	11/10/2009	<0.98	U		<0.98	U		<0.98	U		<0.86	U		<1.1	U		<1.1	U		<1.1	U		<3.6	U	
		VMP-9-25.5-082610	8/26/2010	<0.8	U		<0.8	U		<0.8	U		<0.7	U		<0.93	U		<0.91	U		<0.91	U		<2.9	U	
		VMP-9-25.5-082610-DUP	8/26/2010	<0.86	U		<0.86	U		<0.86	U		<0.75	U		<1	U		<0.98	U		<0.98	U		<3.1	U	
		VMP-9-25.5-111910	11/19/2010	<0.91	U		<0.91	U		<0.91	U		0.44	J		<1.1	U		<1	U		<1	U		<3.3	U	
		VMP-9-25.5-020911	2/9/2011	<0.5	U		<0.5	U		<0.5	U		<0.44	U		<0.58	U		<0.57	U		<0.57	U		<1.8	U	
		VMP-9-25.5-040811	4/8/2011	<0.25	U		<0.25	U		<0.25	U		0.13	J		<0.3	U		<0.29	U		<0.29	U		<0.92	U	
		VMP-9-25.5-080211	8/2/2011	<0.56	U		<0.56	U		<0.56	U		<0.49	U		<0.65	U		<0.64	U		<0.64	U		<2	U	
		VMP-9-25.5-110711	11/7/2011	<0.49	U		<0.49	U		<0.49	U		0.53			<0.58	U		<0.56	U		<0.56	U		<1.8	U	
		VMP-9-25.5-110711-DUP	11/7/2011	<0.43	U		<0.43	U		<0.43	U		0.58			<0.5	U		<0.49	U		<0.49	U		<1.5	U	
		VMP-9-25.5-012612	1/26/2012	<0.13	U		<0.13	U		<0.13	U		<0.11	U		<0.15	U		<0.15	U		<0.15	U		<0.46	U	
		VMP-9-25.5-041112	4/11/2012	<0.0036	U		<0.0036	U		<0.0036	U		<0.032	U		0.0013	J		<0.0042	U		0.0011	J		<0.013	U	
		VMP-9-25.5-071312	7/13/2012	<0.0039	U		<0.0039	U		<0.0039	U		0.0027	J		<0.0046	U		<0.0045	U		<0.0045	J	U	<0.014	U	
		VMP-9-25.5-071312-Dup	7/13/2012	<0.0038	U		<0.0038	U		<0.0038	U		<0.033	J	U	<0.0044	U		<0.0043	U		<0.0043	J	U	<0.014	U	
		VMP-9-25.5-101012	10/10/2012	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	UJ	UJ
		VMP-9-25.5-013013	1/30/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-9-25.5-050113	5/1/2013	<0.006	U		<0.006	U		<0.006	U		<0.052	J	U	<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-9-25.5-050113-Dup	5/1/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-9-25.5-073013	7/30/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		0.00056	J		<0.021	U	
		VMP-9-25.5-102213	10/22/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-9-25.5-102213-Dup	10/22/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-9-25.5-021114	2/11/2014	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-9-25.5-043014	4/30/2014	<0.0048	U		0.0015	J		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-9-25.5-081114	8/11/2014	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U		<0.022	U	
		VMP-9-25.5-021115	2/11/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-9-25.5-050415	5/4/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-9-25.5-052915-R	5/29/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-9-25.5-072815	7/28/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-9-25.5-102815	10/28/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	J	U	<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-9-25.5-012816	1/28/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-9-25.5-042816	4/28/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-9-25.5-080116	8/1/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-9-25.5-102516	10/25/2016	<0.005	U		<0.005	U		<0.005	U		0.002	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-9-25.5-120916	12/9/2016	<0.0047	U		<0.0047	U		<0.0047	U		0.0028	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
	38.5 ft	VMP-9-38.5	11/10/2009	<2.2	U		<2.2	U		<2.2	U		<1.9	U		<2.5	U		<2.5	U		<2.5	U		<7.9	U	
		VMP-9-38.5-020911	2/9/2011	<0.83	U		<0.83	U		<0.83	U		<0.73	U		<0.96	U		<0.95	U		<0.95	U		<3	U	
		VMP-9-38.5-040811	4/8/2011	<1.1	U		<1.1	U		<1.1	U		0.53	J		<1.3	U		<1.3	U		<1.3	U		<4	U	
		VMP-9-38.5-012612	1/26/2012	<0.17	U		<0.17	U		<0.17	U		<0.14	U		<0.19	U		<0.19	U		<0.19	U		<0.6	U	
		VMP-9-38.5-041112	4/11/2012	<0.0032	U		<0.0032	U		<0.0032	U		0.017	J		0.001	J		<0.0036	U		0.001	J		<0.012	U	
		VMP-9-38.5-071312	7/13/2012	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	J	U	<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-9-38.5-101012	10/10/2012	<0.016	U		<0.016	U		<0.016	U		<0.14	U		<0.018	U		<0.018	U		<0.018	U		<0.057	UJ	UJ
		VMP-9-38.5-013013	1/30/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-9-38.5-050113	5/1/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-9-38.5-073113	7/31/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-9-38.5-102213	10/22/2013	<0.0055	U		<0.0055	U		<0.0055	U		0.00088	J		<0.0064	U		<0.0063	U		<0.0063	J	U	0.0035	J	
		VMP-9-38.5-021114	2/11/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-9-38.5-081114	8/11/2014	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		0.013	J	
		VMP-9-38.5-050415	5/4/2015	<0.029	U		<0.029	U		<0.029	U		<0.26	U		<0.034	U		<0.034	U		<0.034	U		<0.11	U	
		VMP-9-38.5-050415-DUP	5/4/2015	<0.0036	U		<0.0036	U		<0.0036	U		<0.031	U		<0.0042	U		<0.0041	U		<0.0041	U		<0.013	U	
		VMP-9-38.5-052915-R	5/29/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-9-38.5-072815	7/28/2015	<0.0044	U		<0.0044	U		<0.0044	U		0.0041	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-9-38.5-102815	10/28/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0053	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-9-38.5-012816	1/28/2016	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-9-38.5-042816	4/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-9-38.5-072916	7/29/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-9-38.5-102516	10/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-9-38.5-120916	12/9/2016	<0.0044	U		<0.0044	U		<0.0044	U		0.0023	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	<0.004	U		<0.004	U		<0.004	U		<0.003	U		<0.005	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-10-5-090710	9/7/2010	<0.0052	U		<0.0052	U		<0.0052	U		<0.0046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-5-111810	11/17/2010	<0.0048	U		<0.0048	U		<0.0048	U		<0.0042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-10-5-021011	2/10/2011	<0.0047	U		<0.0047	U		<0.0047	U		<0.0041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-10-5-040511	4/5/2011	<0.0044	U		<0.0044	U		<0.0044	U		<0.0038	J	U	<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-10-5-07/2911	7/29/2011	<0.0053	U		<0.0053	U		<0.0053	U		0.00098	J		<0.0062	U		<0.0061	U		<0.0061	U		0.041		
		VMP-10-5-110411	11/4/2011	<0.0028	U		<0.0028	U		<0.0028	U		0.0014	J		<0.0032	U		<0.0032	U		<0.0032	U		<0.01	U	
		VMP-10-5-012512	1/26/2012	<0.0035	U		<0.0035	U		<0.0035	U		0.0014	J		<0.004	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-10-5-041212	4/12/2012	<0.0037	U		<0.0037	U		<0.0037	U		<0.033	J	U	<0.0043	U		<0.0043	U		<0.0043	U		<0.014	U	
		VMP-10-5-071312	7/13/2012	<0.0038	U		<0.0038	U		<0.0038	U		<0.034	J	U	<0.0044	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-10-5-101612	10/16/2012	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-10-5-012913	1/29/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-10-5-012913-DUP	1/29/2013	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	J	U	<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-10-5-043013	4/30/2013	<0.0064	U		<0.0064	U		<0.0064	U		<0.056	U		<0.0074	U		<0.0073	U		<0.0073	U		<0.023	U	
		VMP-10-5-073013	7/30/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	J	U	<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-10-5-111313	11/13/2013	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-10-5-021214	2/12/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-10-5-022614-R	2/26/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-10-5-042914	4/29/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-10-5-073114	7/31/2014	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-10-5-103014	10/30/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-10-5-020515	2/5/2015	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-10-5-043015	4/30/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-10-5-072815	7/28/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-10-5-103015	10/30/2015	<0.005	U		<0.005	U		<0.005	U		0.0052	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-10-5-012916	1/29/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-5-050216	5/2/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-10-5-082616	8/26/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-5-110216	11/2/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	10 ft	VMP-10-10	11/11/2009	<0.004	U		<0.004	U		<0.004	U		<0.004	U		<0.005	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-10-10-090710	9/7/2010	<0.0052	U		<0.0052	U		<0.0052	U		<0.0046	U		<0.0061	U		<0.006	U		<0.006	U		0.0077	J	
		VMP-10-10-111810	11/17/2010	<0.0051	U		<0.0051	U		<0.0051	U		0.001	J		<0.006	U		<0.0058	U		<0.0058	U		0.0042	J	
		VMP-10-10-021111	2/11/2011	<0.004	U		<0.004	U		<0.004	U		<0.0035	U		<0.0047	U		<0.0046	U		<0.0046	U		<0.014	U	
		VMP-10-10-040611	4/6/2011	<0.0052	U		<0.0052	J	U	<0.0052	U		0.016			<0.0061	U		<0.006	J	U	<0.006	J	U	<0.019	U	
		VMP-10-10-072911	7/29/2011	<0.0055	U		<0.0055	U		<0.0055	U		<0.0048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		0.017	J	
		VMP-10-10-110411	11/4/2011	<0.0035	U		0.0031	J		<0.0035	U		0.002	J		<0.0041	U		<0.0041	U		<0.0041	U		0.0025	J	
		VMP-10-10-110411-DUP	11/4/2011	<0.0035	U		0.0018	J		<0.0035	U		0.002	J		0.00064	J		<0.0041	U		<0.0041	U		<0.013	U	
		VMP-10-10-012512	1/26/2012	<0.0035	U		<0.0035	U		<0.0035	U		0.0035			<0.004	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-10-10-012512-DUP	1/26/2012	<0.0036	U		<0.0036	U		<0.0036	U		0.0025	J		<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-10-10-041112	4/11/2012	<0.0038	U		<0.0038	U		<0.0038	U		0.0028	J		0.00091	J		<0.0043	U		<0.0043	U		<0.014	U	
		VMP-10-10-071312	7/13/2012	<0.0037	U		<0.0037	U		<0.0037	U		<0.033	J	U	<0.0043	U		<0.0043	U		<0.0043	U		<0.014	U	
		VMP-10-10-101612	10/16/2012	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-10-10-012913	1/29/2013	<0.005	U		<0.005	U		<0.005	U		0.002	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-10-10-043013	4/30/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-10-10-073013	7/30/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-10-10-111313	11/13/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-10-10-021214	2/12/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-10-10-042914	4/29/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-10-10-073114	7/31/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-10-10-103014	10/30/2014	<0.01	U		<0.01	U		<0.01	U		<0.089	U		<0.012	U		<0.012	U		<0.012	U		<0.037	U	
		VMP-10-10-020515	2/5/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-10-10-043015	4/30/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-10-072815	7/28/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-10-10-103015	10/30/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0061	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-10-021616	2/16/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-10-050216	5/2/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U		<0.022	U	
		VMP-10-10-072816	7/28/2016	<0.0055	U		<0.0055	U		<0.0055	U		0.0053	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-10-10-110216	11/2/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	20 ft	VMP-10-20	11/11/2009	<0.004	U		<0.004	U		<0.004	U		<0.003	U		<0.005	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-10-20-D	11/11/2009	<0.004	U		<0.004	U		<0.004	U		<0.004	U		<0.005	U		<0.005	U		<0.005	U		<0.018	U	
		VMP-10-20-090710	9/7/2010	<0.0055	U		<0.0055	U		<0.0055	U		<0.0048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-10-20-090710-DUP	9/7/2010	<0.0051	U		<0.0051	U		<0.0051	U		<0.026		U	<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-20-111810	11/17/2010	<0.0097	U		<0.0097	U		<0.0097	U		<0.0085	U		<0.011	U		<0.011	U		<0.011	U		<0.035	U	
		VMP-10-20-111810-Dup	11/17/2010	<0.0049	U		<0.0049	U		<0.0049	U		0.0026	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-10-20-021111	2/11/2011	<0.0048	U		<0.0048	U		<0.0048	U		<0.0042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-10-20-040611	4/6/2011	<0.0058	U		<0.0058	U		<0.0058	U		0.0068			<0.0068	U		<0.0067	U		<0.0067	J	U	<0.021	U	
		VMP-10-20-072911	7/29/2011	<0.0054	U		<0.0054	U		<0.0054	U		<0.0047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-10-20-110411	11/4/2011	<0.0035	U		0.0011	J		<0.0035	U		0.0017	J		<0.0041	U		<0.0041	U		<0.0041	U		<0.013	U	
		VMP-10-20-012612	1/26/2012	<0.0033	U		<0.0033	U		<0.0033	U		0.00031	J		<0.0039	U		<0.0038	U		<0.0038	U		<0.012	U	
		VMP-10-20-041212	4/12/2012	<0.0037	U		<0.0037	U		<0.0037	U		<0.033	J	U	<0.0043	U		<0.0043	U		<0.0043	U		<0.014	U	
		VMP-10-20-071612	7/16/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.031	J	U	<0.0041	U		<0.0041	U		<0.0041	U		0.02		
		VMP-10-20-101612	10/16/2012	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0074	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-10-20-012913	1/29/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-10-20-043013	4/30/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-10-20-073013	7/30/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-20-102313	10/23/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-10-20-021214	2/12/2014	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-10-20-042914	4/29/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-10-20-073114	7/31/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-10-20-103014	10/30/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-20-020515	2/5/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-10-20-043015	4/30/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-10-20-072815	7/28/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-10-20-072815-DUP	7/28/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-10-20-103015	10/30/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0049	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-10-20-012916	1/29/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-10-20-050216	5/2/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-10-20-072816	7/28/2016	<0.011	U		<0.011	U		<0.011	U		<0.097	U		<0.013	U		<0.013	U		<0.013	U		<0.04	U	
		VMP-10-20-110216	11/2/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
	30 ft	VMP-10-30	11/13/2009	<0.004	U		<0.004	U		<0.004	U		<0.004	U		<0.005	U		<0.005	U		<0.005	U		<0.018	U	
		VMP-10-30-041212	4/12/2012	<0.0039	U		<0.0039	U		<0.0039	U		<0.034	U		<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-10-30-071612	7/16/2012	<0.0034	U		<0.0034	U		<0.0034	U		<0.03	J	U	<0.004	U		<0.0039	U		<0.0039	U		<0.012	U	
		VMP-10-30-101612	10/16/2012	<0.0059	U		<0.0059	U		<0.0059	U		0.0053	J		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-10-30-012913	1/29/2013	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-10-30-043013	4/30/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-10-30-073013	7/30/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	J	U	<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-30-102813	10/28/2013	<0.0057	U		<0.0057	U		<0.0057	U		0.00062	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-10-30-021214	2/12/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-10-30-042914	4/29/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-30-073114	7/31/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-10-30-073114-Dup	7/31/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-30-103014	10/30/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-10-30-103014-DUP	10/30/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-10-30-020515	2/5/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-30-020515-DUP	2/5/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-30-043015	4/30/2015	<0.0053	U		0.0019	J		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-30-072815	7/28/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-10-30-103015	10/30/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0046	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-30-012916-DUP	1/29/2016	<0.005	U		<0.005	U		<0.005	U		0.0031	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-10-30-050216	5/2/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-30-050216-DUP	5/2/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-10-30-072816	7/28/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-10-30-110216	11/2/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U		<0.022	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.035	U		<0.035	U		<0.035	U		<0.031	U		<0.041	U		<0.041	U		<0.041	U		<0.13	U	
		VMP-11-5-090710	9/7/2010	<0.0049	U		<0.0049	U		<0.0049	U		<0.0043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-11-5-112210	11/22/2010	<0.0051	U		<0.0051	U		<0.0051	U		<0.0045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-11-5-021511	2/15/2011	<0.0045	U		<0.0045	U		<0.0045	U		0.0011	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-11-5-040611	4/6/2011	<0.043	U		<0.043	U		<0.043	U		0.0086	J		<0.05	U		<0.049	U		<0.049	U		<0.16	U	
		VMP-11-5-080711	8/7/2011	<0.059	U		<0.059	U		<0.059	U		<0.052	U		<0.069	U		<0.067	U		<0.067	U		<0.21	U	
		VMP-11-5-111111	11/11/2011	<0.012	U		<0.012	U		<0.012	U		<0.01	J	U	<0.014	U		<0.013	U		<0.013	U		<0.042	U	
		VMP-11-5-012612	1/26/2012	<0.0035	U		<0.0035	U		<0.0035	U		0.0072			<0.004	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-11-5-041912	4/19/2012	<0.0039	U		<0.0039	U		<0.0039	U		<0.034	J	U	<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-11-5-071912	7/16/2012	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-11-5-101612	10/16/2012	<0.0056	U		<0.0056	U		<0.0056	U		0.0082	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-11-5-012913	1/29/2013	<0.28	U		<0.28	U		<0.28	U		0.31	J		<0.33	U		<0.33	U		<0.33	U		<1	U	
		VMP-11-5-043013	4/30/2013	<0.006	U		<0.006	U		<0.006	U		<0.052	J	U	<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-11-5-073113	7/31/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-11-5-102813	10/28/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-11-5-022114	2/21/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-11-5-043014	4/30/2014	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-11-5-073114	7/31/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-11-5-103014	10/30/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-11-5-020515	2/5/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-11-5-043015	4/30/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-11-5-072815	7/28/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		0.0035	J	
		VMP-11-5-103015	10/30/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	J	U	<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-11-5-012916	1/29/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-11-5-050216	5/2/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-11-5-080116	8/1/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.0045	J		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-11-5-110116	11/1/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	8 ft	VMP-11-8	11/17/2009	<0.004	U		<0.004	U		<0.004	U		<0.004	U		<0.005	U		<0.005	U		<0.005	U		<0.018	U	
		VMP-11-8-090810	9/8/2010	<0.0051	U		<0.0051	U		<0.0051	U		0.047			<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-11-8-112210	11/22/2010	<0.0051	U		<0.0051	U		<0.0051	U		<0.0045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-11-8-021111	2/11/2011	<0.005	U		<0.005	U		<0.005	U		<0.0043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-11-8-021111-DUP	2/11/2011	<0.0046	U		<0.0046	U		<0.0046	U		<0.0041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-11-8-040611	4/6/2011	<0.022	U		<0.022	U		<0.022	U		<0.019	U		<0.026	U		<0.025	U		<0.025	U		<0.08	U	
		VMP-11-8-040611-DUP	4/6/2011	<0.019	U		<0.019	U		<0.019	U		0.0027	J		<0.022	U		<0.022	U		<0.022	U		<0.069	U	
		VMP-11-8-080711	8/7/2011	<0.059	U		<0.059	U		<0.059	U		<0.052	U		<0.069	U		<0.067	U		<0.067	U		<0.21	U	
		VMP-11-8-111411	11/14/2011	<0.0035	U		0.0011	J		<0.0035	U		<0.003	J	U	<0.0041	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-11-8-012612	1/26/2012	<0.0034	U		<0.0034	U		<0.0034	U		0.0029	J		<0.004	U		<0.0039	U		<0.0039	U		<0.012	U	
		VMP-11-8-041912	4/19/2012	<0.0039	U		<0.0039	U		<0.0039	U		<0.034	J	U	<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-11-8-072012	7/20/2012	<0.0039	U		<0.0039	U		<0.0039	U		0.0047	J		<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-11-8-101612	10/16/2012	<0.0057	U		<0.0057	U		<0.0057	U		0.0093	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-11-8-101612-Dup	10/16/2012	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-11-8-012913	1/29/2013	<0.039	U		<0.039	U		<0.039	U		<0.34	U		<0.046	U		<0.045	U		<0.045	U		<0.14	U	
		VMP-11-8-050113	5/1/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-11-8-080113	8/1/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-11-8-102813	10/28/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-11-8-022114	2/21/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-11-8-043014	4/30/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-11-8-073114	7/31/2014	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-11-8-111014-R	11/10/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-11-8-020515	2/5/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-11-8-043015	4/30/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-11-8-072815	7/28/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-11-8-103015	10/30/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-11-8-012916	1/29/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-11-8-050616	5/6/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-11-8-080116	8/1/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-11-8-110116	11/1/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	29 ft	VMP-11-29	11/18/2009	<34	U		<34	U		<34	U		<30	U		<39	U		<38	U		<38	U		<120	U	
		VMP-11-29-090810	9/8/2010	<0.13	U		<0.13	U		<0.13	U		<0.11	U		<0.15	U		<0.15	U		<0.15	U		<0.46	U	
		VMP-11-29-112210	11/22/2010	<1.8	U		<1.8	U		<1.8	U		<1.6	U		<2.1	U		<2.1	U		<2.1	U		<6.6	U	
		VMP-11-29-112210-Dup	11/22/2010	<1.3	U		<1.3	U		<1.3	U		<1.1	U		<1.5	U		<1.4	U		<1.4	U		<4.6	U	
		VMP-11-29-021411	2/14/2011	<0.005	U		<0.005	U		<0.005	U		<0.0043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-11-29-040611	4/6/2011	<0.037	U		<0.037	U		<0.037	U		<0.033	U		<0.044	U		<0.043	U		<0.043	U		<0.14	U	
		VMP-11-29-082511	8/25/2011	<0.0055	U		<0.0055	U		<0.0055	U		0.0021	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-11-29-082511-Dup	8/25/2011	<0.0055	U		<0.0055	U		<0.0055	U		<0.0048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-11-29-111411	11/14/2011	<0.0035	U		<0.0035	U		<0.0035	U		<0.003	J	U	<0.004	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-11-29-012612	1/26/2012	<0.0033	U		<0.0033	U		<0.0033	U		<0.0029	U		<0.0039	U		<0.0038	U		<0.0038	U		<0.012	U	
		VMP-11-29-042712	4/27/2012	<0.0035	U		<0.0035	U		<0.0035	U		0.0021	J		<0.004	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-11-29-072012	7/23/2012	<0.0035	U		<0.0035	U		<0.0035	U		0.002	J		<0.004	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-11-29-101612	10/16/2012	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-11-29-012913	1/29/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-11-29-043013	4/30/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	J	U	<0.02	U	
		VMP-11-29-073113	7/31/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-11-29-102813	10/28/2013	<0.0092	U		<0.0092	U		<0.0092	U		<0.081	U		<0.011	U		<0.01	U		<0.01	J	U	<0.034	U	
		VMP-11-29-022114	2/21/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-11-29-043014	4/30/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-11-29-073114	7/31/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-11-29-103014	10/30/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-11-29-103014-DUP	10/30/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-11-29-020515	2/5/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-11-29-020515-DUP	2/5/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-11-29-043015	4/30/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-11-29-072815	7/28/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-11-29-110515	11/5/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.0053	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-11-29-012916	1/29/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-11-29-050216	5/2/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-11-29-080216	8/2/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-11-29-110116	11/1/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
	38 ft	VMP-11-38	11/18/2009	<98	U		<98	U		<98	U		<86	U		<110	U		<110	U		<110	U		<360	U	
		VMP-11-38-042312	4/23/2012	<0.26	U		<0.26	U		<0.26	U		<0.23	U		<0.3	U		<0.3	U		<0.3	U		<0.94	U	
		VMP-11-38-042312-Dup	4/23/2012	<0.91	U		<0.91	U		<0.91	U		<0.8	U		<1	U		<1	U		<1	U		<3.3	U	
		VMP-11-38-072312	7/23/2012	<0.43	U		<0.43	U		<0.43	U		<0.38	U		<0.5	U		<0.49	U		<0.49	U		<1.6	U	
		VMP-11-38-101612	10/16/2012	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-11-38-013013	1/30/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-11-38-043013	4/30/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-11-38-073113	7/31/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-11-38-073113-Dup	7/31/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-11-38-102813	10/28/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-11-38-022114	2/21/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-11-38-043014	4/30/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-11-38-073114	7/31/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-11-38-103014	10/30/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-11-38-020515	2/5/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-11-38-043015	4/30/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.0026	J		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-11-38-072815	7/28/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-11-38-103015	10/30/2015	<0.005	U		<0.005	U		<0.005	U		0.0086	J		<0.0058	U		<0.0057	U		<0.0057	U		0.0026	J	
		VMP-11-38-103015-DUP	10/30/2015	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	J	U	<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-11-38-012916	1/29/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-11-38-050216	5/2/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-11-38-050216-DUP	5/2/2016	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-11-38-080216	8/2/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-11-38-110216	11/2/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<12	U		<12	U		<12	U		<11	U		<15	U		<14	U		<14	U		<46	U	
		VMP-12-5-090310	9/3/2010	<5.3	U		<5.3	U		<5.3	U		<4.7	U		<6.2	U		<6.1	U		<6.1	U		<19	U	
		VMP-12-5-120310	12/3/2010	<53	U		<53	U		<53	U		<46	U		<61	U		<60	U		<60	U		<190	U	
		VMP-12-5-021511	2/15/2011	<2.4	U		<2.4	U		<2.4	U		<2.1	U		<2.8	U		<2.8	U		<2.8	U		<8.8	U	
		VMP-12-5-041911	4/19/2011	<18	U		<18	U		<18	U		<16	U	UJ	<21	U		<20	U		<20	U		<64	U	
		VMP-12-5-080411	8/4/2011	<4.6	U		<4.6	U		<4.6	U		<4	U		<5.3	U		<5.2	U		<5.2	U		<17	U	
		VMP-12-5-111611	11/16/2011	<0.0032	U		<0.0032	U		<0.0032	U		0.0026	J		<0.0038	U		<0.0037	U		<0.0037	U		<0.012	U	
		VMP-12-5-012412	1/24/2012	<0.036	U		<0.036	U		<0.036	U		0.011	J		<0.042	U		<0.042	U		<0.042	U		<0.13	U	
		VMP-12-5-041912	4/19/2012	<0.0036	U		<0.0036	U		<0.0036	U		<0.032	J	U	<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-12-5-072612	7/26/2012	<0.0039	U		<0.0039	U		<0.0039	U		0.0074	J		<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-12-5-072612-Dup	7/26/2012	<0.0035	U		<0.0035	U		<0.0035	U		0.045			<0.0041	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-12-5-102412	10/24/2012	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-12-5-021813	2/18/2013	<0.0053	U		<0.0053	U		<0.0053	U		0.0019	J		<0.0062	U		<0.0061	U		<0.0061	J	U	<0.019	U	
		VMP-12-5-051013	5/10/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-12-5-081213	8/12/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-12-5-111413	11/14/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-12-5-031914-R	3/19/2014	<0.005	U		<0.005	U		<0.005	U		0.003	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-12-5-050214	5/2/2014	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-12-5-081514	8/15/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-12-5-110714	11/10/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-12-5-021115	2/11/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-12-5-050715	5/7/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-12-5-073115	7/31/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-12-5-110415	11/4/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.01	J		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-12-5-020316	2/3/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-12-5-050416	5/4/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-12-5-080316	8/3/2016	<0.0054	U		<0.0054	U		<0.0054	U		0.0058	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-12-5-103116	10/31/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	11.5 ft	VMP-12-11.5	11/13/2009	<22	U		<22	U		<22	U		<19	U		<25	U		<25	U		<25	U		<79	U	
		VMP-12-11.5-090310	9/3/2010	<6.8	U		<6.8	U		<6.8	U		<6	U		<8	U		<7.8	U		<7.8	U		<25	U	
		VMP-12-11.5-120310	12/3/2010	<5.9	U		<5.9	U		<5.9	U		<5.2	U		<6.9	U		<6.8	U		<6.8	U		<22	U	
		VMP-12-11.5-021511	2/15/2011	<5.3	U		<5.3	U		<5.3	U		<4.6	U		<6.2	U		<6.1	U		<6.1	U		<19	U	
		VMP-12-11.5-021511-DUP	2/15/2011	<4.6	U		<4.6	U		<4.6	U		<4	U		<5.3	U		<5.2	U		<5.2	U		<17	U	
		VMP-12-11.5-041911	4/19/2011	<16	U		<16	U		<16	U		<14	U	UJ	<19	U		<18	U		<18	U		<58	U	
		VMP-12-11.5-080411	8/4/2011	<5.6	U		<5.6	U		<5.6	U		<4.9	U		<6.5	U		<6.4	U		<6.4	U		<20	U	
		VMP-12-11.5-111611	11/16/2011	<0.045	U		<0.045	U		<0.045	U		<0.039	U		<0.052	U		<0.051	U		<0.051	U		<0.16	U	
		VMP-12-11.5-012412	1/24/2012	<0.42	U		<0.42	U		<0.42	U		0.096	J		<0.48	U		<0.48	U		<0.48	U		<1.5	U	
		VMP-12-11.5-041912	4/19/2012	<0.038	U		<0.038	U		<0.038	U		0.0081	J		<0.044	U		<0.043	U		<0.043	U		<0.14	U	
		VMP-12-11.5-082012	8/20/2012	<0.006	U		<0.006	U		<0.006	U		0.0016	J		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-12-11.5-102612	10/26/2012	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-12-11.5-021813	2/18/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-12-11.5-051013	5/10/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-12-11.5-081213	8/12/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	J	U	<0.021	U	
		VMP-12-11.5-111413	11/14/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-12-11.5-022814	2/28/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-12-11.5-050214	5/2/2014	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-12-11.5-081514	8/15/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-12-11.5-110714	11/7/2014	<0.011	U		<0.011	U		<0.011	U		<0.098	U		<0.013	U		<0.013	U		<0.013	U		<0.041	U	
		VMP-12-11.5-021115	2/11/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-12-11.5-050715	5/7/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-12-11.5-073115	7/31/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-12-11.5-110415	11/4/2015	<0.0045	U		<0.0045	U		<0.0045	U		0.0047	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-12-11.5-020316	2/3/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-12-11.5-050416	5/4/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-12-11.5-080316	8/3/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-12-11.5-110316	11/3/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	25 ft	VMP-12-25	11/13/2009	<45	U		<45	U		<45	U		<39	U		<52	U		<51	U		<51	U		<160	U	
		VMP-12-25-090310	9/3/2010	<8.7	U		<8.7	U		<8.7	U		<7.6	U		<10	U		<10	U		<10	U		<32	U	
		VMP-12-25-120310	12/3/2010	<0.43	U		<0.43	U		<0.43	U		<0.38	U		<0.5	U		<0.49	U		<0.49	U		<1.6	U	
		VMP-12-25-021511	2/15/2011	<10	U		<10	U		<10	U		<9.2	U		<12	U		<12	U		<12	U		<38	U	
		VMP-12-25-041911	4/19/2011	<17	U		<17	U		<17	U		<15	U	UJ	<20	U		<20	U		<20	U		<63	U	
		VMP-12-25-080411	8/4/2011	<11	U		<11	U		<11	U		<9.6	U		<13	U		<12	U		<12	U		<40	U	
		VMP-12-25-111611	11/16/2011	<12	U		<12	U		<12	U		9.6	J		<14	U		<14	U		<14	U		<45	U	
		VMP-12-25-012412	1/24/2012	<4.8	U		<4.8	U		<4.8	U		<4.2	U		<5.5	U		<5.4	U		<5.4	U		<17	U	
		VMP-12-25-012412-DUP	1/24/2012	<35	U		<35	U		<35	U		5.8	J		<40	U		<40	U		<40	U		<130	U	
		VMP-12-25-041912	4/19/2012	<3.6	U		<3.6	U		<3.6	U		3.3			<4.2	U		<4.2	U		<4.2	U		<13	U	
		VMP-12-25-072712	7/27/2012	<4	U		<4	U		<4	U		1	J		<4.6	U		<4.6	U		<4.6	U		<14	U	
		VMP-12-25-072712-Dup	7/27/2012	<4	U		<4	U		<4	U		0.49	J		<4.6	U		<4.6	U		<4.6	U		<14	U	
		VMP-12-25-102512	10/25/2012	<1.7	U		<1.7	U		<1.7	U		0.16	J		<2	U		<2	U		<2	U		<6.2	U	
		VMP-12-25-021513	2/15/2013	<3.2	U		<3.2	U		<3.2	U		1.8	J	J	14		J	<3.6	U		<3.6	U		<12	U	
		VMP-12-25-051013	5/10/2013	<10	U		<10	U		<10	U		<92	U		<12	U		<12	U		<12	U		<38	U	
		VMP-12-25-081213	8/12/2013	<5.5	U		<5.5	U		<5.5	U		<4.8	U		<6.4	U		<6.3	U		<6.3	U		<20	U	
		VMP-12-25-111413	11/14/2013	<0.1	U		<0.1	U		<0.1	U		<0.93	U		<0.12	U		<0.12	U		<0.12	U		<0.38	U	
		VMP-12-25-022814	2/28/2014	<0.1	U		<0.1	U		<0.1	U		<0.092	U		<0.12	U		<0.12	U		<0.12	U		<0.38	U	
		VMP-12-25-050214	5/2/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-12-25-081514	8/15/2014	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-12-25-110714	11/7/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-12-25-021115	2/11/2015	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-12-25-050715	5/7/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-12-25-073115	7/31/2015	<0.0064	U		<0.0064	U		<0.0064	U		<0.056	U		<0.0075	U		<0.0074	U		<0.0074	U		<0.023	U	
		VMP-12-25-110415	11/4/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0029	J		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-12-25-021616	2/16/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-12-25-021616-DUP	2/16/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-12-25-050416	5/4/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-12-25-080316	8/3/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-12-25-103116	10/31/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-12-25-103116-Dup	10/31/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	39 ft	VMP-12-39	11/13/2009	<47	U		<47	U		<47	U		<41	U		<55	U		<54	U		<54	U		<170	U	
		VMP-12-39-041911	4/19/2011	<17	U		<17	U		<17	U		<15	U	UJ	<19	U		<19	U		<19	U		<61	U	
		VMP-12-39-012412	1/24/2012	<35	U		<35	U		<35	U		6.4	J		<40	U		<40	U		<40	U		<130	U	
		VMP-12-39-041912	4/19/2012	<17	U		<17	U		<17	U		3.8	J		<20	U		<20	U		<20	U		<63	U	
		VMP-12-39-072612	7/26/2012	<8	U		<8	U		<8	U		2.7	J		<9.3	U		<9.1	U		<9.1	U		<29	U	
		VMP-12-39-102412	10/24/2012	<21	U		<21	U		<21	U		7.1	J		<24	U		<24	U		<24	U		<76	U	
		VMP-12-39-021513	2/15/2013	1	J		<9.6	U		<9.6	U		9.5			21			<11	U		<11	U		<35	U	
		VMP-12-39-051013	5/10/2013	<16	U		<16	U		<16	U		<140	U		<19	U		<19	U		<19	U		<60	U	
		VMP-12-39-081213	8/12/2013	<7.2	U		<7.2	U		<7.2	U		<6.3	U		<8.4	U		<8.3	U		<8.3	U		<26	U	
		VMP-12-39-111413	11/14/2013	<17	U		<17	U		<17	U		6.6	J		<20	U		<20	U		<20	U		<63	U	
		VMP-12-39-022814	2/28/2014	<2.4	U		<2.4	U		<2.4	U		<2.1	U		<2.8	U		<2.7	U		<2.7	U		<8.6	U	
		VMP-12-39-050214	5/2/2014	<2.6	U		<2.6	U		<2.6	U		<2.2	U		<3	U		<3	U		<3	U		<9.4	U	
		VMP-12-39-081514	8/15/2014	<6.2	U		<6.2	U		<6.2	U		<54	U		<7.2	U		<7.1	U		<7.1	U		<22	U	
		VMP-12-39-081514-Dup	8/15/2014	<5.4	U		<5.4	U		<5.4	U		<47	U		<6.2	U		<6.1	U		<6.1	U		<19	U	
		VMP-12-39-110714	11/7/2014	<2.7	U		<2.7	U		<2.7	U		<2.3	U		<3.1	U		<3.1	U		<3.1	U		<9.7	U	
		VMP-12-39-021115	2/11/2015	<1.3	U		<1.3	U		<1.3	U		<1.2	U		<1.5	U		<1.5	U		<1.5	U		<4.8	U	
		VMP-12-39-050715	5/7/2015	<2.9	U		<2.9	U		<2.9	U		3.2	J		<3.4	U		<3.3	U		<3.3	U		<10	U	
		VMP-12-39-050715-DUP	5/7/2015	<2.7	U		<2.7	U		<2.7	U		3	J		<3.1	U		<3.1	U		<3.1	U		<9.8	U	
		VMP-12-39-061515-Dup-R	6/15/2015	<0.049	U		<0.049	U		<0.049	U		<0.043	U		<0.058	U		<0.056	U		<0.056	U		<0.18	U	
		VMP-12-39-061515-R	6/15/2015	<0.057	U		<0.057	U		<0.057	U		<0.05	U		<0.066	U		<0.065	U		<0.065	U		<0.21	U	
		VMP-12-39-073115	7/31/2015	<1.2	U		<1.2	U		<1.2	U		<1	U		<1.4	U		<1.4	U		<1.4	U		<4.4	U	
		VMP-12-39-073115-DUP	7/31/2015	<3.2	U		<3.2	U		<3.2	U		<2.8	U		<3.8	U		<3.7	U		<3.7	U		<12	U	
		VMP-12-39-110415	11/4/2015	<2	U		<2	U		<2	U		0.49	J		<2.4	U		<2.3	U		<2.3	U		<7.4	U	
		VMP-12-39-020316	2/3/2016	<15	U		<15	U		<15	U	UJ	<13	U		<17	U		<17	U		<17	U		<54	U	
		VMP-12-39-050416	5/4/2016	<5.1	U		<5.1	U		<5.1	U		<45	U		<5.9	U		<5.8	U		<5.8	U		<18	U	
		VMP-12-39-080316	8/3/2016	<4.4	U		<4.4	U		<4.4	U		2.4	J		<5.2	U		<5.1	U		<5.1	U		<16	U	
		VMP-12-39-110316	11/3/2016	<12	U		<12	U		<12	U		<100	U		<13	U		<13	U		<13	U		<42	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<9.6	U		<9.6	U		<9.6	U		<8.4	U		<11	U		<11	U		<11	U		<35	U	
		VMP 13-5-091310	9/13/2010	<0.035	U		<0.035	U		<0.035	U		<0.03	U		<0.041	U		<0.04	U		<0.04	U		<0.13	U	
		VMP-13-5-120110	12/1/2010	<0.0046	U		<0.0046	U		<0.0046	U		<0.004	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-13-5-021811	2/18/2011	<0.0055	U		<0.0055	U		<0.0055	U		<0.0048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-13-5-040511	4/5/2011	<0.011	U		<0.011	U		<0.011	U		0.0082	J		<0.013	U		<0.012	U		<0.012	U		<0.04	U	
		VMP-13-5-080911	8/9/2011	<0.012	U		<0.012	U		<0.012	U		0.0085	J		<0.014	U		<0.013	U		<0.013	U		<0.043	U	
		VMP-13-5-080911-DUP	8/9/2011	<0.01	U		<0.01	U		<0.01	U		0.004	J		<0.012	U		<0.012	U		<0.012	U		<0.038	U	
		VMP-13-5-111411	11/14/2011	<0.0036	U		<0.0036	U		<0.0036	U		<0.0032	J	U	<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-13-5-012712	1/27/2012	<0.031	U		<0.031	U		<0.031	U		0.0072	J	J	<0.036	U		<0.035	U		<0.035	U		<0.11	U	
		VMP-13-5-042012	4/20/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.031	U		<0.0041	U		<0.0041	U		<0.0041	U		<0.013	U	
		VMP-13-5-071912	7/19/2012	<0.0037	U		<0.0037	U		<0.0037	U		<0.032	J	U	<0.0043	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-13-5-071912-Dup	7/19/2012	<0.0037	U		<0.0037	U		<0.0037	U		<0.032	J	U	<0.0043	U		<0.0042	U		<0.0042	J	U	<0.013	U	
		VMP-13-5-100912	10/9/2012	<0.0057	U		<0.0057	U		<0.0057	U		0.0028	J		<0.0067	U		<0.0066	U		<0.0066	J	U	<0.021	U	
		VMP-13-5-012913	1/29/2013	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-13-5-050113	5/1/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-13-5-073113	7/31/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-13-5-111513	11/15/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-13-5-022114	2/21/2014	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-13-5-050114	5/1/2014	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-13-5-080814	8/8/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-13-5-103014	10/30/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-13-5-020515	2/5/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-13-5-043015	4/30/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-13-5-072715	7/27/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.0029	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-13-5-110215	11/2/2015	<0.0045	U		<0.0045	U		<0.0045	U		0.0028	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-13-5-012616	1/26/2016	<0.0046	U		<0.0046	U		<0.0046	U		0.002	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-13-5-050316	5/3/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-13-5-072916	7/29/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-13-5-110216	11/2/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	10.5 ft	VMP-13-10.5	11/17/2009	<1.2	U		<1.2	U		<1.2	U		<1	U		<1.4	U		<1.4	U		<1.4	U		<4.3	U	
		VMP-13-10.5-D	11/17/2009	<1.2	U		<1.2	U		<1.2	U		<1.1	U		<1.4	U		<1.4	U		<1.4	U		<4.4	U	
		VMP 13-10.5-091310	9/13/2010	<0.013	U		<0.013	U		<0.013	U		<0.011	U		<0.015	U		<0.015	U		<0.015	U		<0.047	U	
		VMP 13-10.5-091310-Dup	9/13/2010	<0.012	U		<0.012	U		<0.012	U		<0.011	U		<0.015	U		<0.014	U		<0.014	U		0.041	J	
		VMP-13-10.5-120110	12/1/2010	<0.0051	U		<0.0051	U		<0.0051	U		<0.0045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-13-10.5-120110-DUP	12/1/2010	<0.0054	U		<0.0054	U		<0.0054	U		<0.0047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-13-10.5-021811	2/18/2011	<2.1	U		<2.1	U		<2.1	U		<1.8	U		<2.5	U		<2.4	U		<2.4	U		<7.7	U	
		VMP-13-10.5-021811-DUP	2/18/2011	<2	U		<2	U		<2	U		<1.8	U		<2.4	U		<2.3	U		<2.3	U		<7.4	U	
		VMP-13-10.5-040511-DUP	4/5/2011	<0.0055	U		<0.0055	U		<0.0055	U		<0.0048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-13-10.5-080911	8/9/2011	<0.12	U		<0.12	U		<0.12	U		<0.1	U		<0.14	U		<0.14	U		<0.14	U		<0.44	U	
		VMP-13-10.5-111411	11/14/2011	<0.0035	U		<0.0035	U		<0.0035	U		0.0044			<0.0041	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-13-10.5-012712	1/26/2012	<0.0097	U		<0.0097	U		<0.0097	U		<0.0085	U		<0.011	U		<0.011	U		<0.011	U		<0.035	U	
		VMP-13-10.5-012712-DUP	1/26/2012	<0.014	U		<0.014	U		<0.014	U		<0.012	U		<0.016	U		<0.016	U		<0.016	U		<0.05	U	
		VMP-13-10.5-042012	4/20/2012	<0.0035	U		<0.0035	U		<0.0035	U		0.0016	J		0.0011	J		<0.004	U		0.00098	J		<0.013	U	
		VMP-13-10.5-071912	7/19/2012	<0.0037	U		<0.0037	U		<0.0037	U		<0.032	J	U	<0.0043	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-13-10.5-100912	10/9/2012	<0.0049	U		<0.0049	U		<0.0049	U		0.0022	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-13-10.5-100912-Dup	10/9/2012	<0.0059	U		<0.0059	U		<0.0059	U		0.0043	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-13-10.5-013013	1/30/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-13-10.5-050113	5/1/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-13-10.5-073113	7/31/2013	<0.0035	U		<0.0035	U		<0.0035	U		<0.03	U		<0.004	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-13-10.5-092013	9/20/2013	<0.0058	U		<0.0058	U		0.002	J		<0.051	U		<0.0068	U		<0.0067	U		0.0049	J		<0.021	U	
		VMP-13-10.5-111513	11/15/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-13-10.5-111513-Dup	11/15/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-13-10.5-022114	2/21/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-13-10.5-050114	5/1/2014	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-13-10.5-080814	8/8/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-13-10.5-103014	10/30/2014	<0.0049	U		0.0028	J		0.0018	J		0.0067	J		0.0039	J		0.0038	J		0.0043	J		0.0015	J	
		VMP-13-10.5-020515	2/5/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-13-10.5-043015	4/30/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-13-10.5-072715	7/27/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-13-10.5-110215	11/2/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0034	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-13-10.5-012616	1/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-13-10.5-050316	5/3/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-13-10.5-072916	7/29/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-13-10.5-110216	11/2/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	21.5 ft	VMP-13-21.5	11/17/2009	<60	U		<60	U		<60	U		<53	U		<70	U		<69	U		<69	U		<220	U	
		VMP 13-21.5-091310	9/13/2010	<9.6	U		<9.6	U		<9.6	U		9.2			<11	U		<11	U		<11	U		<35	U	
		VMP-13-21.5-120110	12/1/2010	<18	U		<18	U		<18	U		28			<22	U		<21	U		<21	U		<68	U	
		VMP-13-21.5-021811	2/18/2011	<2.8	U		<2.8	U		<2.8	U		0.51	J		<3.2	U		<3.2	U		<3.2	U		<10	U	
		VMP-13-21.5-040511	4/5/2011	<4	U		<4	U		<4	U		2.3	J		<4.7	U		<4.6	U		<4.6	U		<14	U	
		VMP-13-21.5-080911	8/9/2011	<0.5	U		<0.5	U		<0.5	U		<0.44	U		<0.58	U		<0.57	U		<0.57	U		<1.8	U	
		VMP-13-21.5-111411	11/14/2011	<2.3	U		<2.3	U		<2.3	U		<2	U		<2.6	U		<2.6	U		<2.6	U		<8.3	U	
		VMP-13-21.5-111411-DUP	11/14/2011	<2.3	U		<2.3	U		<2.3	U		<2	U		<2.6	U		<2.6	U		<2.6	U		<8.3	U	
		VMP-13-21.5-012712	1/27/2012	<0.53	U		<0.53	U		<0.53	U		0.094	J	J	<0.62	U		<0.61	U		<0.61	U		<1.9	U	
		VMP-13-21.5-042012	4/20/2012	<0.059	U		<0.059	U		<0.059	U		0.028	J		0.015	J		<0.068	U		<0.068	U		<0.21	U	
		VMP-13-21.5-071912	7/19/2012	<0.0037	U		<0.0037	U		<0.0037	U		0.0044	J		0.00065	J		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-13-21.5-100912	10/9/2012	<0.006	U		<0.006	U		<0.006	U		0.0012	J		<0.007	U		<0.0069	U		<0.0069	U		0.011	J	
		VMP-13-21.5-013013	1/30/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-13-21.5-050113	5/1/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-13-21.5-073113	7/31/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-13-21.5-102813	10/28/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-13-21.5-102813-Dup	10/28/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-13-21.5-022114	2/21/2014	<0.1	U		<0.1	U		<0.1	U		<0.88	U		<0.12	U		<0.12	U		<0.12	U		<0.37	U	
		VMP-13-21.5-050114	5/1/2014	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-13-21.5-080814	8/8/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		0.0099	J	
		VMP-13-21.5-103014	10/30/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-13-21.5-020515	2/5/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-13-21.5-043015	4/30/2015	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-13-21.5-072715	7/27/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-13-21.5-112515	11/25/2015	<0.0049	U		<0.0049	U		<0.0049	U		0.0034	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-13-21.5-012616	1/26/2016	<0.005	U		<0.005	U		<0.005	U		0.0047	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-13-21.5-050316	5/3/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-13-21.5-050316-DUP	5/3/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-13-21.5-072916	7/29/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-13-21.5-110216	11/2/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	29.5 ft	VMP-13-29.5	11/17/2009	<120	U		<120	U		<120	U		<100	U		<140	U		<140	U		<140	U		<430	U	
		VMP-13-29.5-021811	2/18/2011	<86	U		<86	U		<86	U		<75	U		<100	U		<98	U		<98	U		<310	U	
		VMP-13-29.5-040511	4/5/2011	<56	U		<56	U		<56	U		<49	U		<65	U		<64	U		<64	U		<200	U	
		VMP-13-29.5-013012	1/30/2012	<1.7	U		<1.7	U		<1.7	U		<1.5	U		<2	U		<1.9	U		<1.9	U		<6.2	U	
		VMP-13-29.5-042012	4/20/2012	<2.2	U		<2.2	U		<2.2	U		0.59	J		<2.6	U		<2.5	U		<2.5	U		<8.1	U	
		VMP-13-29.5-071912	7/19/2012	<6.4	U		<6.4	U		<6.4	U		<5.6	U		<7.4	U		<7.3	U		<7.3	U		<23	U	
		VMP-13-29.5-100912	10/9/2012	<6	U		<6	U		<6	U		<5.3	U		<7	U		<6.9	U		<6.9	U		<22	U	
		VMP-13-29.5-013013	1/30/2013	<2.5	U		<2.5	U		<2.5	U		1.7	J		<3	U		<2.9	U		<2.9	U		<9.2	U	
		VMP-13-29.5-050113	5/1/2013	<0.16	U		<0.16	U		<0.16	U		0.02	J		<0.19	U		<0.19	U		<0.19	U		<0.6	U	
		VMP-13-29.5-073113	7/31/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	J	U	<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-13-29.5-102813	10/28/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-13-29.5-022114	2/21/2014	<0.052	U		<0.052	U		<0.052	U		<0.45	U		<0.06	U		<0.059	U		<0.059	U		<0.19	U	
		VMP-13-29.5-022114-Dup	2/21/2014	<0.049	U		<0.049	U		<0.049	U		<0.43	U		<0.057	U		<0.056	U		<0.056	U		<0.18	U	
		VMP-13-29.5-050114	5/1/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-13-29.5-080814	8/8/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-13-29.5-103014	10/30/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-13-29.5-020515	2/5/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-13-29.5-043015	4/30/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-13-29.5-072715	7/27/2015	<0.0061	U		<0.0061	U		<0.0061	U		0.0032	J		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-13-29.5-072715-DUP	7/27/2015	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-13-29.5-110215	11/2/2015	<0.0042	U		<0.0042	U		<0.0042	U		0.0039	J		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-13-29.5-110215-DUP	11/2/2015	<0.0045	U		<0.0045	U		<0.0045	U		0.0044	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-13-29.5-012616	1/26/2016	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-13-29.5-050316	5/3/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-13-29.5-082616-R	8/29/2016	<0.0044	U		<0.0044	U		<0.0044	U		0.0029	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-13-29.5-110216	11/2/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-13-29.5-110216-Dup	11/2/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5	11/20/2009	<0.01	U		<0.01	U		<0.01	U		<0.009	U		<0.012	U		<0.012	U		<0.012	U		<0.037	U	
		VMP 14-5-091010	9/10/2010	<0.24	U		<0.24	U		<0.24	U		<0.22	U		<0.29	U		<0.28	U		<0.28	U		<0.89	U	
		VMP-14-5-120110	12/1/2010	<0.0048	U		<0.0048	U		<0.0048	U		<0.0042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-14-5-021711	2/17/2011	<0.0052	U		<0.0052	U		<0.0052	U		<0.0046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-14-5-040511	4/5/2011	<0.0053	U		<0.0053	U		<0.0053	U		0.0022	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-14-5-080811	8/8/2011	<5.6	U		<5.6	U		<5.6	U		<4.9	U		<6.5	U		<6.4	U		<6.4	U		<20	U	
		VMP-14-5-111411	11/14/2011	<0.014	U		<0.014	U		<0.014	U		<0.012	U		<0.016	U		<0.016	U		<0.016	U		<0.051	U	
		VMP-14-5-042012	4/20/2012	<0.0034	U		<0.0034	U		<0.0034	U		<0.03	J	U	<0.004	U		<0.0039	U		0.00099	J		<0.012	U	
		VMP-14-5-072312	7/23/2012	<0.0041	U		<0.0041	U		<0.0041	U		0.003	J		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-14-5-101012	10/10/2012	<0.0057	U		<0.0057	U		<0.0057	U		0.0033	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-14-5-013113	1/31/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-14-5-050113	5/1/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-14-5-111113	11/11/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-14-5-022614	2/26/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-14-5-050114	5/1/2014	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-14-5-081114	8/11/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-14-5-103014	10/30/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-14-5-020615	2/6/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-14-5-043015	4/30/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-14-5-072915	7/29/2015	<0.0049	U		<0.0049	U		<0.0049	U		0.0044	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-5-110215	11/2/2015	<0.0049	U		<0.0049	U		<0.0049	U		0.0057	J		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-5-012616	1/26/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-14-5-050316	5/3/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP14-5-072916	7/29/2016	<0.0055	U		<0.0055	U		<0.0055	U		0.0018	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-14-5-110216	11/2/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
	11.5 ft	VMP-14-11.5	11/16/2009	<1.2	U		<1.2	U		<1.2	U		<1.1	U		<1.4	U		<1.4	U		<1.4	U		<4.4	U	
		VMP 14-11.5-091010	9/10/2010	<3.8	U		<3.8	U		<3.8	U		<3.3	U		<4.4	U		<4.3	U		<4.3	U		<14	U	
		VMP-14-11.5-120110	12/2/2010	<0.33	U		<0.33	U		<0.33	U		1.2			<0.39	U		<0.38	U		<0.38	U		<1.2	U	
		VMP-14-11.5-120110-DUP	12/2/2010	<0.3	U		<0.3	U		<0.3	U		1.9			<0.35	U		<0.34	U		<0.34	U		<1.1	U	
		VMP-14-11.5-021711	2/17/2011	<0.11	U		<0.11	U		<0.11	U		<0.096	U		<0.13	U		<0.12	U		<0.12	U		<0.4	U	
		VMP-14-11.5-021711-DUP	2/17/2011	<0.11	U		<0.11	U		<0.11	U		<0.096	U		<0.13	U		<0.12	U		<0.12	U		<0.4	U	
		VMP-14-11.5-040511	4/5/2011	<0.018	U		<0.018	U		<0.018	U		<0.016	U		<0.021	U		<0.02	U		<0.02	U		<0.065	U	
		VMP-14-11.5-080811	8/8/2011	<0.55	U		<0.55	U		<0.55	U		<0.48	U		<0.64	U		<0.63	U		<0.63	U		<2	U	
		VMP-14-11.5-111511	11/15/2011	<0.86	U		<0.86	U		<0.86	U		<0.75	U		<1	U		<0.98	U		<0.98	U		<3.1	U	
		VMP-14-11.5-012612	1/26/2012	<3.5	U		<3.5	U		<3.5	U		<3	U		<4.1	U		<4	U		<4	U		<13	U	
		VMP-14-11.5-042312	4/23/2012	<0.0036	U		<0.0036	U		<0.0036	U		0.0018	J		<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-14-11.5-042312-Dup	4/23/2012	<0.0036	U		<0.0036	U		<0.0036	U		<0.032	J	U	<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-14-11.5-072512	7/25/2012	<1.3	U		<1.3	U		<1.3	U		<1.1	U		<1.5	U		<1.4	U		<1.4	U		<4.6	U	
		VMP-14-11.5-101012	10/10/2012	<0.0055	U		<0.0055	U		<0.0055	U		0.0052	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-14-11.5-013113	1/31/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-14-11.5-050113	5/1/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	J	U	<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-14-11.5-080113	8/1/2013	<0.0065	U		<0.0065	U		<0.0065	U		<0.057	U		<0.0075	U		<0.0074	U		<0.0074	U		<0.023	U	
		VMP-14-11.5-111113	11/11/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-14-11.5-022614	2/26/2014	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-14-11.5-050114	5/1/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-14-11.5-081114	8/11/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		0.0025	J		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-14-11.5-103014	10/30/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-11.5-020615	2/6/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-11.5-043015	4/30/2015	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-14-11.5-072915	7/29/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-14-11.5-110215	11/2/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0057	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-14-11.5-012616	1/26/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-11.5-050316	5/3/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-14-11.5-072916	7/29/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-14-11.5-110216	11/2/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	20 ft	VMP-14-20	11/16/2009	<47	U		<47	U		<47	U		<41	U		<55	U		<54	U		<54	U		<170	U	
		VMP 14-20-091010	9/10/2010	<58	U		<58	U		<58	U		18	J		<67	U		<66	U		<66	U		<210	U	
		VMP 14-20-091010-Dup	9/10/2010	<60	U		<60	U		<60	U		<52	U		<70	U		<68	U		<68	U		<220	U	
		VMP-14-20-120110	12/2/2010	<160	U		<160	U		<160	U		160			<180	U		<180	U		<180	U		<560	U	
		VMP-14-20-021811	2/18/2011	<88	U		<88	U		<88	U		<77	U		<100	U		<100	U		<100	U		<320	U	
		VMP-14-20-040511	4/5/2011	<38	U		<38	U		<38	U		<33	U		<44	U		<43	U		<43	U		<140	U	
		VMP-14-20-080811	8/8/2011	<14	U		<14	U		<14	U		<12	U		<16	U		<16	U		<16	U		<50	U	
		VMP-14-20-111511	11/15/2011	<70	U		<70	U		<70	U		<62	U		<82	U		<81	U		<81	U		<260	U	
		VMP-14-20-012612	1/26/2012	<6.9	U		<6.9	U		<6.9	U		1.9	J	J	<8.1	U		<7.9	U		<7.9	U		<25	U	
		VMP-14-20-042312	4/23/2012	<3.8	U		<3.8	U		<3.8	U		<3.3	U		<4.4	U		<4.3	U		<4.3	U		<14	U	
		VMP-14-20-072512	7/25/2012	<6	U		<6	U		<6	U		<5.3	U		<7	U		<6.9	U		<6.9	U		<22	U	
		VMP-14-20-101612	10/16/2012	<28	U		<28	U		<28	U		2.6	J		<32	U		<32	U		<32	U		<100	U	
		VMP-14-20-013113	1/31/2013	<10	U		<10	U		<10	U		7.7	J		<12	U		<11	U		<11	U		<36	U	
		VMP-14-20-050113	5/1/2013	<0.06	U		<0.06	U		<0.06	U		<0.53	U		<0.07	U		<0.069	U		<0.069	U		<0.22	U	
		VMP-14-20-050113-Dup	5/1/2013	<0.24	U		<0.24	U		<0.24	U		<2.1	U		<0.28	U		<0.28	U		<0.28	U		<0.88	U	
		VMP-14-20-080113	8/1/2013	<0.062	U		<0.062	U		<0.062	U		<0.054	U		<0.072	U		<0.07	U		<0.07	U		<0.22	U	
		VMP-14-20-111113	11/11/2013	<0.054	U		<0.054	U		<0.054	U		<0.47	U		<0.062	U		<0.061	U		<0.061	U		<0.19	U	
		VMP-14-20-022614	2/26/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-14-20-050114	5/1/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-20-081114	8/11/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-14-20-103014	10/30/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-14-20-020615	2/6/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-14-20-043015	4/30/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-14-20-072915	7/29/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-14-20-110215	11/2/2015	<0.0049	U		<0.0049	U		<0.0049	U		0.0032	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-20-012616	1/26/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-20-050416	5/4/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-14-20-072916	7/29/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U		<0.023	U	
	29 ft	VMP-14-29	11/16/2009	<180	U		<180	U		<180	U		<160	U		<220	U		<210	U		<210	U		<670	U	
		VMP-14-29-021811	2/18/2011	<130	U		<130	U		<130	U		<110	U		<150	U		<140	U		<140	U		<460	U	
		VMP-14-29-040511	4/5/2011	<110	U		<110	U		<110	U		<96	U		<130	U		<120	U		<120	U		<400	U	
		VMP-14-29-012612	1/26/2012	<120	U		<120	U		<120	U		<110	U		<140	U		<140	U		<140	U		<450	U	
		VMP-14-29-042312	4/23/2012	<44	U		<44	U		<44	U		<39	U		<52	U		<51	U		<51	U		<160	U	
		VMP-14-29-072512	7/25/2012	<46	U		<46	U		<46	U		<41	U		<54	U		<53	U		<53	U		<170	U	
		VMP-14-29-101612	10/16/2012	<70	U		<70	U		<70	U		<61	U		<81	U		<80	U		<80	U		<250	U	
		VMP-14-29-013113-DUP	1/31/2013	<94	U		<94	U		<94	U		<820	U	UJ	<110	U		<110	U		<110	U		<340	U	
		VMP-14-29-013113	1/31/2013	<39	U		<39	U		<39	U		7.7	J	J	<46	U		<45	U		<45	U		<140	U	
		VMP-14-29-050213	5/2/2013	<39	U		<39	U		<39	U		<340	U		<46	U		<45	U		<45	U		<140	U	
		VMP-14-29-080113	8/1/2013	<29	U		<29	U		<29	U		26			<34	U		<34	U		<34	U		<110	U	
		VMP-14-29-111113	11/11/2013	<0.86	U		<0.86	U		<0.86	U		<0.75	U		<1	U		<0.98	U		<0.98	U		<3.1	U	
		VMP-14-29-022614	2/26/2014	<0.91	U		<0.91	U		<0.91	U		<0.8	U		<1	U		<1	U		<1	U		<3.3	U	
		VMP-14-29-022614-Dup	2/26/2014	<0.49	U		<0.49	U		<0.49	U		<0.43	U		<0.57	U		<0.56	U		<0.56	U		<1.8	U	
		VMP-14-29-050114	5/1/2014	<0.059	U		<0.059	U		<0.059	U		<0.052	U		<0.069	U		<0.068	U		<0.068	U		<0.21	U	
		VMP-14-29-050114-Dup	5/1/2014	<0.059	U		<0.059	U		<0.059	U		<0.051	U		<0.068	U		<0.067	U		<0.067	U		<0.21	U	
		VMP-14-29-081114	8/11/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-14-29-081114-DUP	8/11/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-14-29-103014	10/30/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-14-29-020615	2/6/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-14-29-043015	4/30/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	J	U
		VMP-14-29-043015-DUP	4/30/2015	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-14-29-072915	7/29/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-14-29-110215	11/2/2015	<0.005	U		<0.005	U		<0.005	U		0.0045	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-14-29-012616	1/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-14-29-012616-DUP	1/26/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-14-29-050316	5/3/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-14-29-072916	7/29/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-14-29-072916-DUP	7/29/2016	<0.0045	U		<0.0045	U		<0.0045	U		0.0059	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-14-29-110216	11/2/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	5 ft	VMP-15-5	11/18/2009	<0.005	U		<0.005	U		<0.005	U		<0.004	U		<0.005	U		<0.005	U		<0.005	U		<0.018	U	
		VMP-15-5-D	11/18/2009	<0.005	U		<0.005	U		<0.005	U		<0.004	U		<0.005	U		<0.005	U		<0.005	U		<0.018	U	
		VMP 15-5-091410	9/14/2010	<0.005	U		<0.005	U		<0.005	U		0.001	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-15-5-113010	11/30/2010	<0.12	U		<0.12	U		<0.12	U		<0.1	U		<0.14	U		<0.14	U		<0.14	U		<0.43	U	
		VMP-15-5-021611	2/16/2011	<0.11	U		<0.11	U		<0.11	U		0.091	J		<0.13	U		<0.13	U		<0.13	U		<0.41	U	
		VMP-15-5-042011	4/20/2011	<0.26	U		<0.26	U		<0.26	U		<0.23	U		<0.3	U		<0.3	U		<0.3	U		<0.95	U	
		VMP-15-5-080811	8/8/2011	<0.0059	U		<0.0059	U		<0.0059	U		0.012			<0.0069	U		<0.0067	J	U	<0.0067	J	U	<0.021	U	
		VMP-15-5-111511	11/15/2011	<0.0066	U		<0.0066	U		<0.0066	U		<0.0058	J	U	<0.0077	U		<0.0075	U		<0.0075	U		<0.024	U	
		VMP-15-5-020112	2/1/2012	<0.034	U		<0.034	U		<0.034	U		<0.03	U		<0.04	U		<0.039	U		<0.039	U		<0.12	U	
		VMP-15-5-042412	4/24/2012	<0.035	U		<0.035	U		<0.035	U		<0.03	U		<0.04	U		<0.04	U		<0.04	U		<0.13	U	
		VMP-15-5-072512	7/25/2012	<0.0039	U		<0.0039	U		<0.0039	U		0.0044	J		<0.0046	U		<0.0045	U		<0.0045	U		<0.014	U	
		VMP-15-5-102512	10/25/2012	<0.0059	U		<0.0059	U		<0.0059	U		0.0042	J		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-15-5-020513	2/5/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-15-5-050913	5/9/2013	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-15-5-080813	8/8/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-15-5-111113	11/11/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-15-5-022714	2/27/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-15-5-050514	5/5/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-15-5-081414	8/14/2014	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-15-5-110614	11/6/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-15-5-020615	2/6/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-15-5-050415	5/4/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-15-5-072915	7/29/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-15-5-110415	11/4/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-15-5-020316	2/3/2016	<0.01	U		<0.01	U		<0.01	U		<0.09	U		<0.012	U		<0.012	U		<0.012	U		<0.037	U	
		VMP-15-5-050316	5/3/2016	<0.0053	U		<0.0053	U		<0.0053	U		0.0021	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-15-5-080216	8/2/2016	<0.0054	U		<0.0054	U		<0.0054	U		0.0022	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-15-5-110116	11/1/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
	21.5 ft	VMP-15-21.5	11/18/2009	<2.3	U		<2.2	U		<2.2	U		<2	U		<2.6	U		<2.6	U		<2.6	U		<8.2	U	
		VMP 15-21.5-091410	9/14/2010	<0.54	U		<0.54	U		<0.54	U		<0.48	U		<0.63	U		<0.62	U		<0.62	U		<2	U	
		VMP-15-21.5-113010	11/30/2010	<0.64	U		<0.64	U		<0.64	U		<0.56	U		<0.74	U		<0.73	U		<0.73	U		<2.3	U	
		VMP-15-21.5-021611	2/16/2011	<0.44	U		<0.44	U		<0.44	U		<0.39	U		<0.52	U		<0.51	U		<0.51	U		<1.6	U	
		VMP-15-21.5-042011	4/20/2011	<0.7	U		<0.7	U		<0.7	U		<0.61	U		<0.81	U		<0.8	U		<0.8	U		<2.5	U	
		VMP-15-21.5-080811	8/8/2011	<0.56	U		<0.56	U		<0.56	U		0.58			<0.65	U		<0.64	U		<0.64	U		<2	U	
		VMP-15-21.5-111511	11/15/2011	<0.45	U		<0.45	U		<0.45	U		<0.39	U		<0.52	U		<0.51	U		<0.51	U		<1.6	U	
		VMP-15-21.5-020112	2/1/2012	<0.33	U		<0.33	U		<0.33	U		<0.29	U		<0.39	U		<0.38	U		<0.38	U		<1.2	U	
		VMP-15-21.5-042412	4/24/2012	<0.14	U		<0.14	U		<0.14	U		<0.13	U		<0.17	U		<0.17	U		<0.17	U		<0.53	U	
		VMP-15-21.5-072512	7/25/2012	<0.52	U		<0.52	U		<0.52	U		0.31	J		<0.61	U		<0.6	U		<0.6	U		<1.9	U	
		VMP-15-21.5-102512	10/25/2012	<0.86	U		<0.86	U		<0.86	U		<0.75	U		<1	U		<0.98	U		<0.98	U		<3.1	U	
		VMP-15-21.5-102512-Dup	10/25/2012	<0.88	U		<0.88	U		<0.88	U		<0.77	U		<1	U		<1	U		<1	U		<3.2	U	
		VMP-15-21.5-020713	2/7/2013	<0.022	U		<0.022	U		<0.022	U		<0.19	U		<0.025	U		<0.025	U		<0.025	U		<0.079	U	
		VMP-15-21.5-051513	5/15/2013	<0.49	U		<0.49	U		<0.49	U		<0.43	U		<0.57	U		<0.56	U		<0.56	U		<1.8	U	
		VMP-15-21.5-080813	8/8/2013	<0.11	U		<0.11	U		<0.11	U		<0.096	U		<0.13	U		<0.12	U		<0.12	U		<0.4	U	
		VMP-15-21.5-111113	11/11/2013	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-15-21.5-111113-Dup	11/11/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-15-21.5-022714	2/27/2014	<0.0047	U		<0.0047	U		<0.0047	U		0.012	J		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-15-21.5-050514	5/5/2014	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-15-21.5-081414	8/14/2014	<0.059	U		<0.059	U		<0.059	U		<0.052	U	UJ	<0.069	U		<0.067	U		<0.067	U		<0.21	U	
		VMP-15-21.5-110614	11/6/2014	<0.016	U		<0.016	U		<0.016	U		<0.14	U		<0.019	U		<0.018	U		<0.018	U		<0.058	U	
		VMP-15-21.5-020615	2/6/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-15-21.5-050415	5/4/2015	<0.0049	U		<0.0049	U		<0.0049	U		0.0023	J		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-15-21.5-072915	7/29/2015	<0.063	U		<0.063	U		<0.063	U		<0.55	U		<0.073	U		<0.072	U		<0.072	U		<0.23	U	
		VMP-15-21.5-110415	11/4/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.004	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-15-21.5-020316	2/3/2016	<0.07	U		<0.07	U		<0.07	U		<0.61	U		<0.081	U		<0.08	U		<0.08	U		<0.25	U	
		VMP-15-21.5-050316	5/3/2016	<0.0042	U		<0.0042	U		<0.0042	U		0.019	J		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-15-21.5-080216	8/2/2016	<0.035	U		<0.035	U		<0.035	U		<0.3	U		<0.041	U		<0.04	U		<0.04	U		<0.13	U	
		VMP-15-21.5-110116	11/1/2016	<0.0079	U		<0.0079	U		<0.0079	U		<0.069	U		<0.0092	U		<0.0091	U		<0.0091	U		<0.029	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	25.5 ft	VMP-15-25.5	11/18/2009	<2.4	U		<2.4	U		<2.4	U		<2.1	U		<2.7	U		<2.7	U		<2.7	U		<8.6	U	
		VMP 15-25.5-091410	9/14/2010	<0.0051	U		<0.0051	U		<0.0051	U		0.0026	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-15-25.5-021611	2/16/2011	<0.068	U		<0.068	U		<0.068	U		<0.06	U		<0.079	U		<0.078	U		<0.078	U		<0.25	U	
		VMP-15-25.5-042011	4/20/2011	<0.056	U		<0.056	U		<0.056	U		<0.049	U	UJ	<0.065	U		<0.064	U		<0.064	U		<0.2	U	
		VMP-15-25.5-042011-DUP	4/20/2011	<0.052	U		<0.052	U		<0.052	U		0.15		J	<0.061	U		<0.06	U		<0.06	U		<0.19	U	
		VMP-15-25.5-080811	8/8/2011	<0.056	U		<0.056	U		<0.056	U		<0.049	U		<0.065	U		<0.064	U		<0.064	U		<0.2	U	
		VMP-15-25.5-111511	11/15/2011	<0.017	U		<0.017	U		<0.017	U		0.004	J		<0.02	U		<0.02	U		<0.02	U		<0.062	U	
		VMP-15-25.5-073112	7/31/2012	<0.036	U		<0.036	U		<0.036	U		0.0062	J		<0.042	U		<0.042	U		<0.042	U		<0.13	U	
		VMP-15-25.5-102512	10/25/2012	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-15-25.5-021213	2/12/2013	<0.18	U		<0.18	U		<0.18	U		0.23			<0.21	U		<0.2	U		<0.2	U		<0.65	U	
		VMP-15-25.5-050913	5/9/2013	<2.4	U		<2.4	U		<2.4	U		<21	U		<2.8	U		<2.7	U		<2.7	U		<8.6	U	
		VMP-15-25.5-080813	8/8/2013	<0.0056	U		0.002	J		<0.0056	U		<0.05	J	U	<0.0066	U		<0.0065	U		<0.0065	U		0.015	J	
		VMP-15-25.5-111113	11/11/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-15-25.5-022714	2/27/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-15-25.5-050514	5/5/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-15-25.5-081414	8/14/2014	<0.058	U		<0.058	U		<0.058	U		<0.051	U	UJ	<0.068	U		<0.067	U		<0.067	U		<0.21	U	
		VMP-15-25.5-110614	11/6/2014	<0.019	U		<0.019	U		<0.019	U		<0.16	U		<0.022	U		<0.022	U		<0.022	U		<0.069	U	
		VMP-15-25.5-110614-DUP	11/6/2014	<0.017	U		<0.017	U		<0.017	U		<0.15	U		<0.019	U		<0.019	U		<0.019	U		<0.061	U	
		VMP-15-25.5-020615	2/6/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-15-25.5-050415	5/4/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-15-25.5-072915	7/29/2015	<0.07	U		<0.07	U		<0.07	U		<0.061	U		<0.081	U		<0.08	U		<0.08	U		<0.25	U	
		VMP-15-25.5-110415	11/4/2015	<0.0048	U		<0.0048	U		<0.0048	U		0.0028	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-15-25.5-020316	2/3/2016	<0.28	U		<0.28	U		<0.28	U		<0.24	U		<0.32	U		<0.32	U		<0.32	U		<1	U	
		VMP-15-25.5-050316	5/3/2016	<0.013	U		<0.013	U		<0.013	U		0.0032	J		<0.016	U		<0.015	U		<0.015	U		<0.048	U	
		VMP-15-25.5-080216	8/2/2016	<0.056	U		<0.056	U		<0.056	U		<0.49	U		<0.066	U		<0.064	U		<0.064	U		<0.2	U	
		VMP-15-25.5-110116	11/1/2016	<0.036	U		<0.036	U		<0.036	U		<0.31	U		<0.042	U		<0.041	U		<0.041	U		<0.13	U	
		VMP-15-25.5-110116-Dup	11/1/2016	<0.037	U		<0.037	U		<0.037	U		<0.33	U		<0.043	U		<0.043	U		<0.043	U		<0.14	U	
	29 ft	VMP-15-29	11/19/2009	<3	U		<3	U		<3	U		<2.6	U		<3.4	U		<3.4	U		<3.4	U		<11	U	
		VMP-15-29-073112	7/31/2012	<0.16	U		<0.16	U		<0.16	U		<0.14	U		<0.18	U		<0.18	U		<0.18	U		<0.56	U	
		VMP-15-29-102512	10/25/2012	<0.012	U		<0.012	U		<0.012	U		<0.11	U		<0.014	U		<0.014	U		<0.014	U		<0.044	U	
		VMP-15-29-021213	2/12/2013	<0.11	U		<0.11	U		<0.11	U		<0.093	U		<0.12	U		<0.12	U		<0.12	U		<0.39	U	
		VMP-15-29-050913	5/9/2013	<1.2	U		<1.2	U		<1.2	U		<10	U		<1.4	U		<1.3	U		<1.3	U		<4.2	U	
		VMP-15-29-080813	8/8/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-15-29-111113	11/11/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-15-29-022714	2/27/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-15-29-022714-Dup	2/27/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-15-29-081414	8/14/2014	<0.057	U		<0.057	U		<0.057	U		<0.05	U	UJ	<0.067	U		<0.066	U		<0.066	U		<0.21	U	
		VMP-15-29-110614	11/6/2014	<0.022	U		<0.022	U		<0.022	U		<0.19	U		<0.025	U		<0.025	U		<0.025	U		<0.079	U	
		VMP-15-29-020615	2/6/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-15-29-020615-DUP	2/6/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-15-29-050415	5/4/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-15-29-072915	7/29/2015	<0.078	U		<0.078	U		<0.078	U		<0.068	U		<0.091	U		<0.089	U		<0.089	U		<0.28	U	
		VMP-15-29-072915-DUP	7/29/2015	<0.065	U		<0.065	U		<0.065	U		<0.057	U		<0.076	U		<0.075	U		<0.075	U		<0.24	U	
		VMP-15-29-110415	11/4/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.003	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-15-29-020316	2/3/2016	<0.1	U		<0.1	U		<0.1	U		<0.092	U		<0.12	U		<0.12	U		<0.12	U		<0.38	U	
		VMP-15-29-050316	5/3/2016	<0.0054	U		<0.0054	U		<0.0054	U		0.0015	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-15-29-080216	8/2/2016	<0.07	U		<0.07	U		<0.07	U		<0.62	U		<0.082	U		<0.08	U		<0.08	U		<0.26	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5	11/20/2009	<0.067	U		<0.067	U		<0.067	U		<0.058	U		<0.078	U		<0.076	U		<0.076	U		<0.24	U	
		VMP-16-5-090210	9/2/2010	<9.4	U		<9.4	U		<9.4	U		<8.3	U		<11	U		<11	U		<11	U		<34	U	
		VMP-16-5-112910	11/29/2010	<4.3	U		<4.3	U		<4.3	U		<3.8	U		<5	U		<4.9	U		<4.9	U		<16	U	
		VMP-16-5-021511	2/15/2011	<2.6	U		<2.6	U		<2.6	U		<2.3	U		<3	U		<3	U		<3	U		<9.5	U	
		VMP-16-5-042211	4/22/2011	<3.5	U		<3.5	U		<3.5	U		<3	U		<4.1	U		<4	U		<4	U		<13	U	
		VMP-16-5-080511	8/5/2011	<1.1	U		<1.1	U		<1.1	U		<0.98	U		<1.3	U		<1.3	U		<1.3	U		<4	U	
		VMP-16-5-042512	4/25/2012	<3.8	U		<3.8	U		<3.8	U		0.82	J		<4.4	U		<4.3	U		<4.3	U		<14	U	
		VMP-16-5-073012	7/30/2012	<3.5	U		<3.5	U		<3.5	U		0.31	J	J	<4.1	U		<4.1	U		<4.1	U		<13	U	
		VMP-16-5-102512	10/25/2012	<2.8	U		<2.8	U		<2.8	U		<2.4	U		<3.2	U		<3.2	U		<3.2	U		<10	U	
		VMP-16-5-021413	2/14/2013	<0.44	U		<0.44	U		<0.44	U		0.24	J	J	3.1		J	<0.5	U		<0.5	U		<1.6	U	
		VMP-16-5-042313	4/23/2013	<0.84	U		<0.84	U		<0.84	U		0.078	J		<0.98	U		<0.96	U		<0.96	U		<3	U	
		VMP-16-5-081313	8/13/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-16-5-111513	11/15/2013	<0.0051	U		0.015			<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-16-5-030614	3/6/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-16-5-050214	5/2/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-16-5-081514	8/15/2014	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-16-5-110714	11/7/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-16-5-021115	2/11/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-16-5-050715	5/7/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-16-5-073115	7/31/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-16-5-110415	11/4/2015	<0.0054	U		<0.0054	U		0.0026	J		0.0049	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-16-5-020316	2/3/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-16-5-050416	5/4/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-16-5-080316	8/3/2016	<0.0045	U		<0.0045	U		<0.0045	U		0.0032	J		<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-16-5-103116	10/31/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	13.5 ft	VMP-16-13.5	11/19/2009	<0.3	U		<0.3	U		<0.3	U		<0.26	U		<0.34	U		<0.34	U		<0.34	U		<1.1	U	
		VMP-16-13.5-090210	9/2/2010	<9.8	U		<9.8	U		<9.8	U		2.1	J		<11	U		<11	U		<11	U		<36	U	
		VMP-16-13.5-090210-DUP	9/2/2010	<9.8	U		<9.8	U		<9.8	U		<8.6	U		<11	U		<11	U		<11	U		<36	U	
		VMP-16-13.5-112910	11/29/2010	<28	U		<28	U		<28	U		<24	U		<32	U		<32	U		<32	U		<100	U	
		VMP-16-13.5-021611	2/16/2011	<5.3	U		<5.3	U		<5.3	U		<4.7	U		<6.2	U		<6.1	U		<6.1	U		<19	U	
		VMP-16-13.5-021611-DUP	2/16/2011	<5.2	U		<5.2	U		<5.2	U		<4.6	U		<6.1	U		<6	U		<6	U		<19	U	
		VMP-16-13.5-042211	4/22/2011	<5.6	U		<5.6	U		<5.6	U		<4.9	U		<6.6	U		<6.4	U		<6.4	U		<20	U	
		VMP-16-13.5-080511	8/5/2011	<0.55	U	UJ	<0.55	U	UJ	<0.55	U	UJ	<0.48	U	UJ	<0.64	U	UJ	<0.63	U	UJ	<0.63	U	UJ	<2	U	UJ
		VMP-16-13.5-042512	4/25/2012	<0.6	U		<0.6	U		<0.6	U		<0.53	U		<0.7	U		<0.69	U		<0.69	U		<2.2	U	
		VMP-16-13.5-073012	7/30/2012	<18	U		<18	U		<18	U		4.8	J		<21	U		<21	U		<21	U		<66	U	
		VMP-16-13.5-102512	10/25/2012	<56	U		<56	U		<56	U		<49	U		<65	U		<64	U		<64	U		<200	U	
		VMP-16-13.5-021413	2/14/2013	1.7	J	J	<8.9	U		<8.9	U		12		J	48		J	<10	U		<10	U		<32	U	
		VMP-16-13.5-042313	4/23/2013	<2.6	U		<2.6	U		<2.6	U		0.26	J		<3	U		<2.9	U		<2.9	U		<9.3	U	
		VMP-16-13.5-081313	8/13/2013	<5.7	U		<5.7	U		<5.7	U		<5	U		<6.7	U		<6.6	U		<6.6	U		<21	U	
		VMP-16-13.5-081313-Dup	8/13/2013	<14	U		<14	U		<14	U		<13	U		<17	U		<17	U		<17	U		<53	U	
		VMP-16-13.5-111513	11/15/2013	<41	U		<41	U		<41	U		<360	U		<48	U		<47	U		<47	U		<150	U	
		VMP-16-13.5-030614	3/6/2014	<4.6	U		<4.6	U		<4.6	U		<4	U		<5.4	U		<5.3	U		<5.3	U		<17	U	
		VMP-16-13.5-050214	5/2/2014	<1.2	U		<1.2	U		<1.2	U		<1.1	U		<1.4	U		<1.4	U		<1.4	U		<4.5	U	
		VMP-16-13.5-050214-Dup	5/2/2014	<4.5	U		<4.5	U		<4.5	U		<3.9	U		<5.2	U		<5.2	U		<5.2	U		<16	U	
		VMP-16-13.5-081514	8/15/2014	<28	U		<28	U		<28	U		<240	U		<32	U		<32	U		<32	U		<100	U	
		VMP-16-13.5-110714	11/7/2014	<5.2	U		<5.2	U		<5.2	U		<4.6	U		<6.1	U		<6	U		<6	U		<19	U	
		VMP-16-13.5-110714-DUP	11/7/2014	<4.9	U		<4.9	U		<4.9	U		<4.3	U		<5.7	U		<5.6	U		<5.6	U		<18	U	
		VMP-16-13.5-021115	2/11/2015	<8.8	U		<8.8	U		<8.8	U		<7.7	U		<10	U		<10	U		<10	U		<32	U	
		VMP-16-13.5-050715	5/7/2015	<13	U		<13	U		<13	U		<110	U		<15	U		<14	U		<14	U		<46	U	
		VMP-16-13.5-073115	7/31/2015	<2.8	U		<2.8	U		<2.8	U		<2.4	U		<3.2	U		<3.2	U		<3.2	U		<10	U	
		VMP-16-13.5-110415	11/4/2015	<5.6	U		<5.6	U		<5.6	U		<4.9	U		<6.5	U		<6.4	U		<6.4	U		<20	U	
		VMP-16-13.5-020316	2/3/2016	<26	U		<26	U		<26	U	UJ	<23	U		<30	U		<30	U		<30	U		<95	U	
		VMP-16-13.5-052516-R	5/25/2016	<2.7	U		<2.7	U		<2.7	U		<2.4	U		<3.1	U		<3.1	U		<3.1	U		<9.8	U	
		VMP-16-13.5-080316	8/3/2016	<8.9	U		<8.9	U		<8.9	U		<78	U		<10	U		<10	U		<10	U		<32	U	
		VMP-16-13.5-103116	10/31/2016	<2.8	U		<2.8	U		<2.8	U		1.2	J		<3.2	U		<3.2	U		<3.2	U		<10	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	19 ft	VMP-16-19	11/19/2009	<2.6	U		<2.6	U		<2.6	U		<2.2	U		<3	U		<2.9	U		<2.9	U		<9.3	U	
		VMP-16-19-090210	9/2/2010	<9.8	U		<9.8	U		<9.8	U		<8.6	U		<11	U		<11	U		<11	U		<36	U	
		VMP-16-19-112910	11/29/2010	<21	U		<21	U		<21	U		<19	U		<25	U		<24	U		<24	U		<78	U	
		VMP-16-19-021611	2/16/2011	<5.1	U		<5.1	U		<5.1	U		<4.5	U		<6	U		<5.8	U		<5.8	U		<18	U	
		VMP-16-19-042711	4/27/2011	<5.2	U		<5.2	U		<5.2	U		1	J		<6.1	U		<6	U		<6	U		<19	U	
		VMP-16-19-042711-DUP	4/27/2011	<5.1	U		<5.1	U		<5.1	U		0.54	J		<6	U		<5.8	U		<5.8	U		<18	U	
		VMP-16-19-042512	4/25/2012	<14	U		<14	U		<14	U		2.5	J		<16	U		<16	U		<16	U		<51	U	
		VMP-16-19-073012	7/30/2012	<12	U		<12	U		<12	U		1.7	J		<15	U		<14	U		<14	U		<46	U	
		VMP-16-19-102512	10/25/2012	<52	U		<52	U		<52	U		<46	U		<61	U		<60	U		<60	U		<190	U	
		VMP-16-19-021413	2/14/2013	<5.2	U		<5.2	U		<5.2	U		3.4	J	J	21		J	<6	U		<6	U		<19	U	
		VMP-16-19-042313	4/23/2013	<4.8	U		<4.8	U		<4.8	U		0.69	J		<5.6	U		<5.5	U		<5.5	U		<17	U	
		VMP-16-19-081313	8/13/2013	<5.5	U		<5.5	U		<5.5	U		<4.8	U		<6.4	U		<6.3	U		<6.3	U		<20	U	
		VMP-16-19-111513	11/15/2013	<35	U		<35	U		<35	U		9.2	J		<40	U		<40	U		<40	U		<130	U	
		VMP-16-19-111513-Dup	11/15/2013	<35	U		<35	U		<35	U		11	J		<40	U		<40	U		<40	U		<130	U	
		VMP-16-19-030614	3/6/2014	<12	U		<12	U		<12	U		<10	U		<14	U		<14	U		<14	U		<43	U	
		VMP-16-19-050214	5/2/2014	<5.2	U		<5.2	U		<5.2	U		<4.6	U		<6	U		<5.9	U		<5.9	U		<19	U	
		VMP-16-19-081514	8/15/2014	<13	U		<13	U		<13	U		<110	U		<15	U		<15	U		<15	U		<47	U	
		VMP-16-19-110714	11/7/2014	<4.8	U	UJ	<4.8	U	UJ	<4.8	U	UJ	<4.2	U	UJ	<5.6	U	UJ	<5.5	U	UJ	<5.5	U	UJ	<18	U	UJ
		VMP-16-19-120214-R	12/2/2014	<5.3	U		<5.3	U		<5.3	U		<4.6	U		<6.2	U		<6.1	U		<6.1	U		<19	U	
		VMP-16-19-021115	2/11/2015	<4.5	U		<4.5	U		<4.5	U		<3.9	U		<5.2	U		<5.2	U		<5.2	U		<16	U	
		VMP-16-19-050715	5/7/2015	<9.7	U		<9.7	U		<9.7	U		4.8	J		<11	U		<11	U		<11	U		<35	U	
		VMP-16-19-073115	7/31/2015	<5.7	U		<5.7	U		<5.7	U		<5	U		<6.7	U		<6.6	U		<6.6	U		<21	U	
		VMP-16-19-110415	11/4/2015	<0.93	U		<0.93	U		<0.93	U		<0.81	U		<1.1	U		<1.1	U		<1.1	U		<3.4	U	
		VMP-16-19-020316	2/3/2016	<31	U		<31	U		<31	U	UJ	<27	U		<36	U		<35	U		<35	U		<110	U	
		VMP-16-19-050416	5/4/2016	<2	U		<2	U		<2	U		0.8	J		<2.3	U		<2.2	U		<2.2	U		<7.1	U	
		VMP-16-19-080316	8/3/2016	<5.9	U		<5.9	U		<5.9	U		3.1	J		<6.8	U		<6.7	U		<6.7	U		<21	U	
		VMP-16-19-103116	10/31/2016	<2.6	U		<2.6	U		<2.6	U		<9	U		<3	U		<3	U		<3	U		<9.4	U	
	31 ft	VMP-16-31	11/19/2009	<3.8	U		<3.8	U		<3.8	U		<3.4	U		<4.5	U		<4.4	U		<4.4	U		<14	U	
		VMP-16-31-D	11/19/2009	<3.8	U		<3.8	U		<3.8	U		<3.4	U		<4.5	U		<4.4	U		<4.4	U		<14	U	
		VMP-16-31-090310	9/3/2010	<0.0057	U		<0.0057	U		<0.0057	U		<0.005	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-16-31-112910	11/29/2010	<22	U		<22	U		<22	U		<19	U		<25	U		<25	U		<25	U		<78	U	
		VMP-16-31-042512	4/25/2012	<17	U		<17	U		<17	U		3.4	J		<20	U		<19	U		<19	U		<62	U	
		VMP-16-31-073012	7/30/2012	<14	U		<14	U		<14	U		5.2	J		<16	U		<16	U		<16	U		<50	U	
		VMP-16-31-102512	10/25/2012	<65	U		<65	U		<65	U		<57	U		<76	U		<74	U		<74	U		<240	U	
		VMP-16-31-021813	2/18/2013	<20	U		<20	U		<20	U		12	J		25			<23	U		<23	U		<72	U	
		VMP-16-31-042313	4/23/2013	<12	U		<12	U		<12	U		1	J		<15	U		<14	U		<14	U		<46	U	
		VMP-16-31-081313	8/13/2013	<14	U		<14	U		<14	U		<12	U		<16	U		<16	U		<16	U		<52	U	
		VMP-16-31-111513	11/15/2013	<32	U		<32	U		<32	U		8.5	J		<37	U		<36	U		<36	U		<120	U	
		VMP-16-31-030614	3/6/2014	<9	U		<9	U		<9	U		<7.8	U		<10	U		<10	U		<10	U		<32	U	
		VMP-16-31-050214	5/2/2014	<2.6	U		<2.6	U		<2.6	U		<2.2	U		<3	U		<2.9	U		<2.9	U		<9.3	U	
		VMP-16-31-081514	8/15/2014	<14	U		<14	U		<14	U		<120	U		<16	U		<16	U		<16	U		<50	U	
		VMP-16-31-081514-Dup	8/15/2014	<14	U		<14	U		<14	U		<120	U		<16	U		<16	U		<16	U		<51	U	
		VMP-16-31-110714	11/7/2014	<2.4	U		<2.4	U		<2.4	U		<2.1	U		<2.8	U		<2.8	U		<2.8	U		<8.8	U	
		VMP-16-31-021115	2/11/2015	<4	U		<4	U		<4	U		<3.5	U		<4.6	U		<4.5	U		<4.5	U		<14	U	
		VMP-16-31-050715	5/7/2015	<7.1	U		<7.1	U		<7.1	U		<62	U		<8.3	U		<8.1	U		<8.1	U		<26	U	
		VMP-16-31-073115	7/31/2015	<2.9	U		<2.9	U		<2.9	U		<2.6	U		<3.4	U		<3.4	U		<3.4	U		<11	U	
		VMP-16-31-073115-DUP	7/31/2015	<2.7	U		<2.7	U		<2.7	U		<2.4	U		<3.2	U		<3.1	U		<3.1	U		<9.9	U	
		VMP-16-31-110415	11/4/2015	<5.7	U		<5.7	U		<5.7	U		1.6	J		<6.7	U		<6.6	U		<6.6	U		<21	U	
		VMP-16-31-020316	2/3/2016	<10	U		<10	U		<10	U	UJ	<9.2	U		<12	U		<12	U		<12	U		<38	U	
		VMP-16-31-020316-DUP	2/3/2016	<13	U		<13	U		<13	U	UJ	<11	U		<15	U		<14	U		<14	U		<46	U	
		VMP-16-31-050416	5/4/2016	<5.3	U		<5.3	U		<5.3	U		8.6	J		<6.1	U		<6	U		<6	U		<19	U	
		VMP-16-31-050416-DUP	5/4/2016	<5.2	U		<5.2	U		<5.2	U		9.1	J		<6	U		<5.9	U		<5.9	U		<19	U	
		VMP-16-31-080316	8/3/2016	<3.6	U		<3.6	U		<3.6	U		3.4	J		<4.2	U		<4.1	U		<4.1	U		<13	U	
		VMP-16-31-103116	10/31/2016	<2.5	U		<2.5	U		<2.5	U		1.2	J		<2.9	U		<2.9	U		<2.9	U		<9.2	U	
		VMP-16-31-103116-Dup	10/31/2016	<2.6	U		<2.6	U		<2.6	U		<9.3	U		<3.1	U		<3	U		<3	U		<9.6	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	<0.005	U		<0.005	U		<0.005	U		<0.005	U		<0.006	U		<0.006	U		<0.006	U		<0.021	U	
		VMP-17-5-DUP	6/21/2010	<0.005	U		<0.005	U		<0.005	U		<0.005	U		<0.006	U		<0.006	U		<0.006	U		<0.022	U	
		VMP-17-5-090110	9/1/2010	<0.0053	U		<0.0053	U		<0.0053	U		<0.0047	U		<0.0062	U		<0.0061	U		<0.0061	U		0.0033	J	
		VMP-17-5-112210	11/22/2010	<0.0053	U		<0.0053	U		<0.0053	U		<0.0047	U		<0.0062	U		<0.0061	U		<0.0061	U		0.0036	J	
		VMP-17-5-020711	2/7/2011	<0.005	U		<0.005	U		<0.005	U		0.001	J		<0.0058	U		<0.0057	U		<0.0057	U		0.0034	J	
		VMP-17-5-040611	4/6/2011	<0.02	U		<0.02	U		<0.02	U		<0.018	U		<0.023	U		<0.023	U		<0.023	U		<0.073	U	
		VMP-17-5-080111	8/1/2011	<0.076	U		<0.076	U		<0.076	U		<0.067	U		<0.089	U		<0.087	U		<0.087	U		<0.28	U	
		VMP-17-5-110711	11/7/2011	<0.0034	U		<0.0034	U		<0.0034	U		<0.003	J	U	<0.004	U		<0.0039	U		<0.0039	U		<0.012	U	
		VMP-17-5-012612	1/26/2012	<0.0035	U		0.0092			<0.0035	U		0.0011	J		<0.0041	U		<0.0041	U		<0.0041	U		<0.013	U	
		VMP-17-5-041112	4/11/2012	<0.0036	U		<0.0036	U		<0.0036	U		<0.032	J	U	0.00079	J		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-17-5-071112	7/11/2012	<0.0039	U		<0.0039	U		<0.0039	U		<0.034	U		<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-17-5-100912	10/9/2012	<0.006	U		<0.006	U		<0.006	U		0.0023	J		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-17-5-013113	1/31/2013	<0.021	U		<0.021	U		<0.021	U		<0.18	U		<0.024	U		<0.024	U		<0.024	U		<0.076	U	
		VMP-17-5-013113-DUP	1/31/2013	<0.021	U		<0.021	U		<0.021	U		<0.18	U		<0.024	U		<0.024	U		<0.024	U		<0.076	U	
		VMP-17-5-050113	5/1/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-17-5-072913	7/29/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-17-5-072913-Dup	7/29/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-17-5-110813	11/8/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-17-5-021114	2/11/2014	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-17-5-042214	4/22/2014	<0.0049	J	U	<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-17-5-073114	7/31/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-17-5-103014	10/30/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-17-5-020415	2/4/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-17-5-050115	5/1/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-17-5-072815	7/28/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-17-5-102915	10/29/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-17-5-020216	2/2/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-17-5-050216	5/2/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-17-5-072516	7/25/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-17-5-103116	10/31/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	<0.005	U		<0.005	U		<0.005	U		0.0012	J		<0.006	U		<0.006	U		<0.006	U		<0.021	U	
		VMP-18-8.5-090710	9/7/2010	<0.0051	U		<0.0051	U		<0.0051	U		<0.0045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-18-8.5-111910	11/19/2010	<0.0043	U		<0.0043	U		<0.0043	U		<0.0038	U		<0.005	U		<0.0049	U		<0.0049	U		0.0054	J	
		VMP-18-8.5-020711	2/7/2011	<0.0047	U		<0.0047	U		<0.0047	U		<0.0041	U		<0.0055	U		<0.0054	U		<0.0054	U		0.0023	J	
		VMP-18-8.5-020711-DUP	2/7/2011	<0.0045	U		<0.0045	U		<0.0045	U		<0.004	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-18-8.5-040711	4/7/2011	<0.0051	U		<0.0051	U		<0.0051	U		0.0021	J		0.0033	J		<0.0058	U		<0.0058	U		0.0043	J	
		VMP-18-8.5-072811	7/28/2011	<0.0055	U		<0.0055	U		<0.0055	U		<0.0048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-18-8.5-110711	11/7/2011	<0.0035	U		<0.0035	U		<0.0035	U		<0.0031	J	U	<0.0041	U		<0.0041	U		<0.0041	U		<0.013	U	
		VMP-18-8.5-012312	1/23/2012	<0.0038	U		<0.0038	U		<0.0038	U		<0.0034	J	U	<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-18-8.5-041012	4/10/2012	<0.004	U		<0.004	U		<0.004	U		<0.035	J	U	0.00094	J		<0.0046	U		<0.0046	J	U	<0.014	U	
		VMP-18-8.5-071212	7/12/2012	<0.0039	U		<0.0039	U		<0.0039	U		0.0066	J		<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-18-8.5-100912	10/9/2012	<0.0052	U		<0.0052	U		<0.0052	U		0.014	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-18-8.5-012313	1/23/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-18-8.5-050113	5/1/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-18-8.5-072913	7/29/2013	<0.0058	U		<0.0058	U		<0.0058	U		0.0048	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-18-8.5-102513	10/25/2013	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-18-8.5-102513-Dup	10/25/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		0.005	J	
		VMP-18-8.5-020614	2/6/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-18-8.5-042214	4/22/2014	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-18-8.5-042214-Dup	4/22/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-18-8.5-073114	7/31/2014	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0074	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-18-8.5-110314	11/3/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-18-8.5-020415	2/4/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-18-8.5-050115	5/1/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-18-8.5-050115-DUP	5/1/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-18-8.5-072815	7/28/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.0055	J		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-18-8.5-102915	10/29/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-18-8.5-020216	2/2/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-18-8.5-050516	5/5/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-18-8.5-072516	7/25/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-18-8.5-102516	10/26/2016	<0.01	U		<0.01	U		<0.01	U		<0.087	U		<0.012	U		<0.011	U		<0.011	U		<0.036	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	<0.005	U		<0.005	U		<0.005	U		0.0011	J		<0.006	U		<0.006	U		<0.006	U		<0.02	U	
		VMP-19-5-090110	9/1/2010	<0.0051	U		<0.0051	U		<0.0051	U		<0.0045	J	U	<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-19-5-111510	11/15/2010	<0.0055	U		<0.0055	U		<0.0055	U		0.0012	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-19-5-020411	2/4/2011	<0.0048	U		<0.0048	U		<0.0048	U		<0.0042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-19-5-040711	4/7/2011	<0.0054	U		<0.0054	U		<0.0054	U		0.00093	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-19-5-080911	8/9/2011	<0.0059	U		<0.0059	U		<0.0059	U		<0.0051	U		<0.0068	U		<0.0067	U		<0.0067	J	U	<0.021	U	
		VMP-19-5-080911-DUP	8/9/2011	<0.0056	U		<0.0056	U		<0.0056	U		0.0016	J		<0.0065	U		<0.0064	U		<0.0064	J	U	<0.02	U	
		VMP-19-5-110811	11/8/2011	<0.0039	U		<0.0039	U		<0.0039	U		0.0084			<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-19-5-012612	1/26/2012	<0.0034	U		<0.0034	U		<0.0034	U		0.0035			<0.004	U		<0.0039	U		<0.0039	U		<0.012	U	
		VMP-19-5-041012	4/10/2012	<0.0039	U		<0.0039	U		<0.0039	U		<0.034	J	U	0.0011	J		<0.0044	U		<0.0044	J	U	<0.014	U	
		VMP-19-5-071112	7/11/2012	<0.0044	U		<0.0044	U		<0.0044	U		0.0012	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-19-5-100912	10/9/2012	<0.0059	U		<0.0059	U		<0.0059	U		0.0029	J		<0.0068	U		<0.0067	U		<0.0067	J	U	<0.021	U	
		VMP-19-5-013113	1/31/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	J	U	<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-19-5-043013	4/30/2013	<0.0067	U		<0.0067	U		<0.0067	U		<0.059	U		<0.0078	U		<0.0077	U		<0.0077	U		<0.024	U	
		VMP-19-5-073113	7/31/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-19-5-102513	10/25/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		0.0011	J	
		VMP-19-5-020614	2/6/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-19-5-042214	4/22/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-19-5-073114	7/31/2014	<0.0065	U		<0.0065	U		<0.0065	U		<0.057	U		<0.0076	U		<0.0074	U		<0.0074	U		<0.024	U	
		VMP-19-5-110314	11/3/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-19-5-020415	2/4/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-19-5-050115	5/1/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-19-5-072815	7/28/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.0042	J		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-19-5-102615	10/26/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-19-5-020216	2/2/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-19-5-050616	5/6/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-19-5-072816	7/28/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-19-5-102516	10/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	<0.0048	U		<0.0048	U		<0.0048	U		<0.0042	J	U	<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-20-5-041511	4/15/2011	<0.053	U		<0.053	U		<0.053	U		<0.046	U	UJ	<0.061	U		<0.06	U		<0.06	U		<0.19	U	
		VMP-20-5-072511	7/25/2011	<0.0056	U		<0.0056	U	UJ	<0.0056	U	UJ	<0.0049	U		<0.0065	U		<0.0064	U		<0.0064	J	U	0.0052	J	
		VMP-20-5-110111	11/1/2011	<0.0032	U		<0.0032	U		<0.0032	U		<0.0028	J	U	<0.0037	U		<0.0036	U		<0.0036	U		<0.012	U	
		VMP-20-5-012312	1/23/2012	<0.015	U		<0.015	U		<0.015	U		<0.013	U		<0.018	U		<0.018	U		<0.018	U		<0.056	U	
		VMP-20-5-041012	4/10/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.03	J	U	0.00084	J		<0.004	U		<0.004	U		0.0038	J	
		VMP-20-5-071112	7/11/2012	<0.0046	U		<0.0046	U		<0.0046	U		0.0016	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-20-5-073112	7/31/2012	<0.0039	U		<0.0039	U		<0.0039	U		<0.034	J	U	<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-20-5-100412	10/4/2012	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-20-5-020713	2/7/2013	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-20-5-041913	4/19/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-20-5-072313	7/23/2013	<0.0056	U		0.003	J		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	J	U	<0.0064	J	U	0.0052	J	
		VMP-20-5-110113	11/1/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-20-5-021014	2/10/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-20-5-042114	4/21/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-20-5-072514	7/25/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-20-5-102714	10/27/2014	<0.0058	U		<0.0058	U		<0.0058	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-20-5-012715	1/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-20-5-042715	4/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-20-5-072015	7/20/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-20-5-102015	10/20/2015	<0.0048	U		0.0016	J		<0.0048	U		<0.042	J	U	<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-20-5-021616	2/16/2016	<0.0065	U		<0.0065	U		<0.0065	U		<0.057	U		<0.0075	U		<0.0074	U		<0.0074	U		<0.023	U	
		VMP-20-5-042516	4/25/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-20-5-072216	7/22/2016	<0.0051	U		<0.0051	U		<0.0051	U		0.029	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-20-5-102616	10/26/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	10 ft	VMP-20-10-031411	3/14/2011	<0.0048	U		<0.0048	U		<0.0048	U		<0.0042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-20-10-041511	4/15/2011	<0.048	U		<0.048	U		<0.048	U		0.018	J	J	<0.056	U		<0.055	U		<0.055	U		<0.17	U	
		VMP-20-10-072511	7/25/2011	<0.0051	U		<0.0051	U		<0.0051	U		<0.0045	J	U	<0.006	U		<0.0058	U		<0.0058	J	UJ	<0.018	U	
		VMP-20-10-110111	11/1/2011	<0.0034	U		<0.0034	U		<0.0034	U		0.0037			<0.004	U		<0.0039	U		<0.0039	U		<0.012	U	
		VMP-20-10-012312	1/23/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.0031	J	U	<0.0041	U		<0.0041	U		<0.0041	J	U	<0.013	U	
		VMP-20-10-041012	4/10/2012	<0.0034	U		<0.0034	U		<0.0034	U		<0.03	J	U	0.001	J		<0.0039	U		<0.0039	U		<0.012	U	
		VMP-20-10-071112	7/11/2012	<0.0039	U		<0.0039	U		<0.0039	U		0.0014	J		<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-20-10-100412	10/4/2012	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-20-10-012213	1/22/2013	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-20-10-041913	4/19/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-20-10-072313	7/23/2013	<0.0057	U		<0.0057	J	U	<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	J	U	<0.0066	J	U	<0.021	U	
		VMP-20-10-110113	11/1/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-20-10-110113-Dup	11/1/2013	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		0.00061	J	
		VMP-20-10-021014	2/10/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-20-10-042114	4/21/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-20-10-072514	7/25/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-20-10-102714	10/27/2014	<0.0068	U		<0.0068	U		<0.0068	U		<0.059	U		<0.0079	U		<0.0078	U		<0.0078	U		<0.025	U	
		VMP-20-10-012715	1/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-20-10-012715-DUP	1/27/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-20-10-042715	4/27/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-20-10-072015	7/20/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-20-10-102015	10/20/2015	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	J	U	<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-20-10-102015-DUP	10/20/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-20-10-021616	2/16/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-20-10-042516	4/25/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-20-10-072216	7/22/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-20-10-102616	10/26/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	25 ft	VMP-20-25-031411	3/14/2011	<0.0047	U		<0.0047	U		<0.0047	U		<0.0042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-20-25-041511	4/15/2011	<0.055	U		<0.055	U		<0.055	U		<0.048	U	UJ	<0.064	U		<0.063	U		<0.063	U		<0.2	U	
		VMP-20-25-072611	7/26/2011	<0.36	U		<0.36	U		<0.36	U		<0.32	U		<0.42	U		<0.42	U		<0.42	U	UJ	<1.3	U	
		VMP-20-25-110511	11/5/2011	<0.0033	U		0.00075	J		<0.0033	U		0.0017	J		<0.0039	U		<0.0038	U		<0.0038	U		<0.012	U	
		VMP-20-25-012312	1/23/2012	<0.0037	U		<0.0037	U		<0.0037	U		<0.0032	J	U	<0.0043	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-20-25-041012	4/10/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.03	J	U	<0.004	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-20-25-041012-Dup	4/10/2012	<0.0035	U		<0.0035	U		<0.0035	U		0.0009	J		<0.0041	U		<0.0041	U		<0.0041	U		<0.013	U	
		VMP-20-25-071112	7/11/2012	<0.004	U		<0.004	U		<0.004	U		<0.035	U		<0.0046	U		<0.0046	U		<0.0046	U		<0.014	U	
		VMP-20-25-100412	10/4/2012	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-20-25-012213	1/22/2013	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-20-25-041913	4/19/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-20-25-072313	7/23/2013	<0.006	U		<0.006	U		<0.006	U		<0.053	J	U	<0.007	U		<0.0069	U		<0.0069	J	U	<0.022	U	
		VMP-20-25-110113	11/1/2013	<0.0046	U		<0.0046	U		<0.0046	U		0.0053	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-20-25-021014	2/10/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-20-25-042114	4/21/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-20-25-072514	7/25/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-20-25-102714	10/27/2014	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-20-25-012715	1/27/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-20-25-042715	4/27/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-20-25-072015	7/20/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-20-25-102015	10/20/2015	<0.0046	U		0.0012	J		0.00092	J		<0.041	J	U	<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-20-25-020216	2/2/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-20-25-042516	4/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-20-25-072216	7/22/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-20-25-102616	10/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	39.5 ft	VMP-20-39.5-042114	4/21/2014	<0.43	U		<0.43	U		<0.43	U		<3.8	U		<0.51	U		<0.5	U		<0.5	U		<1.6	U	
		VMP-20-39.5-042715	4/27/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-20-39.5-042715-DUP	4/27/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-20-39.5-072015	7/20/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-20-39.5-072015-DUP	7/20/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0021	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-20-39.5-100412	10/4/2012	<1.4	U		<1.4	U		<1.4	U		1	J		<1.7	U		<1.6	U		<1.6	U		<5.2	U	
		VMP-20-39.5-012313	1/23/2013	<0.82	U		<0.82	U		<0.82	U		0.13	J		<0.95	U		<0.94	U		<0.94	U		<3	U	
		VMP-20-39.5-041913	4/19/2013	<0.65	U		<0.65	U		<0.65	U		0.06	J		<0.76	U		<0.75	U		<0.75	U		<2.4	U	
		VMP-20-39.5-072313	7/23/2013	<1.2	U		<1.2	U		<1.2	U		1	J		<1.4	U		<1.4	U		0.4	J		<4.5	U	
		VMP-20-39.5-110113	11/1/2013	<0.11	U		<0.11	U		<0.11	U		<0.094	U		<0.12	U		<0.12	U		<0.12	U		<0.39	U	
		VMP-20-39.5-021014	2/10/2014	<0.093	U		<0.093	U		<0.093	U		<0.082	U		<0.11	U		<0.11	U		<0.11	U		<0.34	U	
		VMP-20-39.5-021014-Dup	2/10/2014	<0.088	U		<0.088	U		<0.088	U		<0.077	U		<0.1	U		<0.1	U		<0.1	U		<0.32	U	
		VMP-20-39.5-072514	7/25/2014	<0.87	U		<0.87	U		<0.87	U		<7.6	U		<1	U		<1	U		<1	U		<3.2	U	
		VMP-20-39.5-072514-Dup	7/25/2014	<0.68	U		<0.68	U		<0.68	U		<6	U		<0.8	U		<0.78	U		<0.78	U		<2.5	U	
		VMP-20-39.5-102714	10/27/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-20-39.5-012715	1/27/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-20-39.5-102015	10/20/2015	<0.005	U		<0.005	U		<0.005	U		<0.043	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-20-39.5-020216	2/2/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-20-39.5-020216-DUP	2/2/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<1.8	U		<1.8	U		<1.8	U		<1.6	U		<2.2	U		<2.1	U		<2.1	U		<6.7	U	
		VMP-21-5-020911-DUP	2/9/2011	<3.2	U		<3.2	U		<3.2	U		<2.8	U		<3.7	U		<3.6	U		<3.6	U		<11	U	
		VMP-21-5-041311	4/13/2011	<0.0052	U		<0.0052	U		<0.0052	U		0.00076	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-5-072511	7/25/2011	<0.0055	U		<0.0055	U		<0.0055	U		<0.0048	J	U	<0.0064	U		<0.0063	U		<0.0063	J	UJ	0.0076	J	
		VMP-21-5-110111	11/1/2011	<0.0045	U		<0.0045	U		<0.0045	U		<0.004	J	U	<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-21-5-012312	1/23/2012	<0.0038	U		<0.0038	U		<0.0038	U		<0.0034	J	U	<0.0045	U		<0.0044	U		<0.0044	J	U	<0.014	U	
		VMP-21-5-012312-DUP	1/23/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.0031	J	U	<0.0041	U		<0.0041	U		<0.0041	U		<0.013	U	
		VMP-21-5-042412	4/24/2012	<0.0072	U		<0.0072	U		<0.0072	U		<0.064	J	U	<0.0084	U		<0.0083	U		<0.0083	U		<0.026	U	
		VMP-21-5-071012	7/10/2012	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-21-5-100412	10/4/2012	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	J	U	<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-21-5-020613	2/6/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-21-5-051013	5/10/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-21-5-072313	7/23/2013	<0.006	U		<0.006	J	U	<0.006	U		<0.053	J	U	<0.007	U		<0.0069	J	U	<0.0069	J	U	0.011	J	
		VMP-21-5-102113	10/21/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-5-022414	2/24/2014	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-21-5-042114	4/21/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-21-5-072814	7/28/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-5-102714	10/27/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-21-5-012715	1/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-21-5-042715	4/27/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0027	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-21-5-072015	7/20/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-21-5-102315	10/23/2015	<0.005	U		<0.005	U		<0.005	U		0.0028	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-21-5-012616	1/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-21-5-042716	4/27/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-21-5-072616	7/26/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-5-102416	10/24/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011	<1.7	U		<1.7	U		<1.7	U		<1.4	U		<1.9	U		<1.9	U		<1.9	U		<6	U	
		VMP-21-10-041311	4/13/2011	<0.21	U		<0.21	U		<0.21	U		0.072	J		<0.24	U		<0.24	U		<0.24	U		<0.76	U	
		VMP-21-10-072511	7/25/2011	<0.012	U		<0.012	U		<0.012	U		0.0093	J		<0.014	U		<0.013	U		<0.013	J	UJ	<0.042	U	
		VMP-21-10-110111	11/1/2011	<0.0034	U		<0.0034	U		<0.0034	U		0.0038			<0.004	U		<0.0039	U		<0.0039	U		<0.012	U	
		VMP-21-10-012312	1/23/2012	<0.0038	U		<0.0038	U		<0.0038	U		0.0047			<0.0045	U		<0.0044	U		<0.0044	J	U	<0.014	U	
		VMP-21-10-040912	4/9/2012	<0.0035	U		<0.0035	U		<0.0035	U		0.017	J		0.0012	J		<0.004	U		<0.004	U		<0.013	U	
		VMP-21-10-071012	7/10/2012	<0.004	U		<0.004	U		<0.004	U		0.0014	J		<0.0046	U		<0.0046	U		<0.0046	U		<0.014	U	
		VMP-21-10-100412	10/4/2012	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-21-10-020513	2/5/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-21-10-020513-DUP	2/5/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-21-10-051013	5/10/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-21-10-072313	7/23/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	J	U	<0.021	U	
		VMP-21-10-102113	10/21/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-10-022414	2/24/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-21-10-042114	4/21/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-21-10-072814	7/28/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-21-10-102714	10/27/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-21-10-012715	1/27/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-10-042715	4/27/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-21-10-072015	7/20/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-21-10-102315	10/23/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.005	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-21-10-012616	1/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-21-10-042716	4/27/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-21-10-072616	7/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-21-10-102416	10/24/2016	<0.0098	U		<0.0098	U		<0.0098	U		<0.086	U		<0.011	U		<0.011	U		<0.011	U		<0.036	U	
	25 ft	VMP-21-25-021011	2/10/2011	<4.6	U		<4.6	U		<4.6	U		<4	U		<5.4	U		<5.3	U		<5.3	U		<17	U	
		VMP-21-25-041411	4/14/2011	<16	U		<16	U		<16	U		<14	U	UJ	<19	U		<18	U		<18	U		<59	U	
		VMP-21-25-041411-DUP	4/14/2011	<16	U		<16	U		<16	U		<14	U	UJ	<19	U		<18	U		<18	U		<59	U	
		VMP-21-25-072611	7/26/2011	<5.2	U		<5.2	U		<5.2	U		<4.6	U		<6.1	U		<6	U		<6	U	UJ	<19	U	
		VMP-21-25-110511	11/5/2011	<3.3	U		<3.3	U		<3.3	U		2.4	J		<3.9	U		<3.8	U		<3.8	U		<12	U	
		VMP-21-25-012412	1/24/2012	<0.046	U		<0.046	U		<0.046	U		<0.04	U		<0.054	U		<0.053	U		<0.053	U		<0.17	U	
		VMP-21-25-040912	4/9/2012	<0.0036	U		<0.0036	U		<0.0036	U		<0.032	U		<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-21-25-071112	7/11/2012	<0.0036	U		<0.0036	U		<0.0036	U		0.0029	J		<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-21-25-100412	10/4/2012	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-21-25-020513	2/5/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	J	U	<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-21-25-020513-DUP	2/5/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-21-25-051013	5/10/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-21-25-072313	7/23/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	J	U	<0.021	U	
		VMP-21-25-102113	10/21/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		0.00086	J	
		VMP-21-25-042114	4/21/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-21-25-072814	7/28/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-21-25-102714	10/27/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-21-25-012715	1/27/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-25-042715	4/27/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-25-072015	7/20/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-21-25-102315	10/23/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0032	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-21-25-012616	1/26/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-21-25-042716	4/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-25-072616	7/26/2016	<0.0052	U		<0.0052	U		<0.0052	U		0.0024	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-25-102416	10/24/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-021011	2/10/2011	<4.6	U		<4.6	U		<4.6	U		<4	U		<5.4	U		<5.3	U		<5.3	U		<17	U	
		VMP-21-33-041411	4/14/2011	<16	U		<16	U		<16	U		<14	U	UJ	<18	U		<18	U		<18	U		<57	U	
		VMP-21-33-110511	11/5/2011	<0.76	U		<0.76	U		<0.76	U		0.54	J		<0.88	U		<0.87	U		<0.87	U		<2.8	U	
		VMP-21-33-012412	1/24/2012	<0.11	U		<0.11	U		<0.11	U		<0.095	U		<0.13	U		<0.12	U		<0.12	U		<0.39	U	
		VMP-21-33-042412	4/24/2012	<0.0037	U		<0.0037	U		<0.0037	U		<0.032	J	U	<0.0043	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-21-33-071112	7/11/2012	<0.0039	U		<0.0039	U		<0.0039	U		0.0013	J		<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-21-33-100412	10/4/2012	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-21-33-020513	2/5/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-33-051013	5/10/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-21-33-102113	10/21/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-21-33-102113-DUP	10/21/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-21-33-022414	2/24/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-21-33-022414-Dup	2/24/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-21-33-042114	4/21/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-21-33-072814	7/28/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-21-33-102714	10/27/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-21-33-102714-DUP	10/27/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-21-33-012715	1/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-21-33-072015	7/20/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-21-33-102315	10/23/2015	<0.0045	U		<0.0045	U		<0.0045	U		0.0035	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-21-33-102315-DUP	10/23/2015	<0.011	U		<0.011	U		<0.011	U		0.0087	J		<0.013	U		<0.013	U		<0.013	U		<0.041	U	
		VMP-21-33-042716	4/27/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-21-33-072616	7/26/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-21-33-102416	10/24/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.1	U		<0.1	U		<0.1	U		<0.089	U		<0.12	U		<0.12	U		<0.12	U		<0.37	U	
		VMP-22-5-041811	4/18/2011	<0.05	U		<0.05	U		<0.05	U		<0.044	U	UJ	<0.058	U		<0.057	U		<0.057	U		<0.18	U	
		VMP-22-5-072611	7/26/2011	<0.0059	U		<0.0059	U		<0.0059	U		0.0022	J		<0.0068	U		<0.0067	U		<0.0067	J	UJ	<0.021	U	
		VMP-22-5-110111	11/1/2011	<0.0033	U		<0.0033	U		<0.0033	U		<0.0029	J	U	<0.0039	U		<0.0038	U		<0.0038	U		0.07		
		VMP-22-5-012412	1/24/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.0031	J	U	<0.0041	U		<0.004	U		<0.004	J	U	<0.013	U	
		VMP-22-5-040912	4/9/2012	<0.0039	U		<0.0039	U		<0.0039	U		0.012	J		<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-22-5-070912	7/9/2012	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-22-5-100312	10/3/2012	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-22-5-100312-Dup	10/3/2012	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	J	U	<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-22-5-012413	1/24/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	J	U	<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-22-5-041913	4/19/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-22-5-072313	7/23/2013	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	J	U	<0.0074	U		<0.0072	U		<0.0072	J	U	<0.023	U	
		VMP-22-5-072313-Dup	7/23/2013	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	J	U	<0.0074	U		<0.0072	U		<0.0072	J	U	<0.023	U	
		VMP-22-5-101813	10/18/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-22-5-021314	2/13/2014	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-22-5-042214	4/22/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-22-5-072814	7/28/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-22-5-102414	10/24/2014	<0.0052	U		<0.0052	U		<0.0052	U		0.0046	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-22-5-012715	1/27/2015	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-22-5-042715	4/27/2015	<0.01	U		<0.01	U		<0.01	U		<0.088	U		<0.012	U		<0.011	U		<0.011	U		<0.036	U	
		VMP-22-5-072015	7/20/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-22-5-012616	1/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-22-5-042616	4/26/2016	<0.0068	U		<0.0068	U		<0.0068	U		0.0023	J		<0.008	U		<0.0078	U		<0.0078	U		<0.025	U	
		VMP-22-5-072216	7/22/2016	<0.0061	U		<0.0061	U		<0.0061	U		0.15			<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-22-5-102716	10/27/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011	<0.048	U		<0.048	U		<0.048	U		<0.042	U		<0.056	U		<0.055	U		<0.055	U		<0.18	U	
		VMP-22-10-041811	4/18/2011	<0.052	U		<0.052	U		<0.052	U		<0.045	U	UJ	<0.06	U		<0.059	U		<0.059	U		<0.19	U	
		VMP-22-10-072611	7/26/2011	<0.006	U		<0.006	U		<0.006	U		<0.0053	J	U	<0.007	U		<0.0069	U		<0.0069	J	UJ	<0.022	U	
		VMP-22-10-072611-DUP	7/26/2011	<0.007	U		<0.007	U		<0.007	U		<0.0062	J	U	<0.0082	U		<0.0081	U		<0.0081	J	UJ	<0.026	U	
		VMP-22-10-110211	11/2/2011	<0.0034	U		<0.0034	U		<0.0034	U		<0.003	J	U	<0.004	U		<0.0039	U		<0.0039	U		<0.012	U	
		VMP-22-10-012412	1/24/2012	<0.0038	U		<0.0038	U		<0.0038	U		<0.0034	J	U	<0.0045	U		<0.0044	U		<0.0044	J	U	<0.014	U	
		VMP-22-10-040912	4/9/2012	<0.0038	U		<0.0038	U		<0.0038	U		0.011	J		<0.0044	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-22-10-070912	7/9/2012	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-22-10-070912-Dup	7/9/2012	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-22-10-100312	10/3/2012	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	J	U	<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-22-10-012413	1/24/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-22-10-041913	4/19/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	J	U	<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-22-10-072313	7/23/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	J	U	<0.021	U	
		VMP-22-10-101813	10/18/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-22-10-021314	2/13/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-22-10-042214	4/22/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-22-10-072814	7/28/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-22-10-102414	10/24/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-22-10-012715	1/27/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-22-10-042715	4/27/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		0.0018	J	
		VMP-22-10-072015	7/20/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0029	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-22-10-102315	10/23/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-22-10-012616	1/26/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.002	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-22-10-042616	4/26/2016	<0.0059	U		<0.0059	U		<0.0059	U		0.0046	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-22-10-072216	7/22/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-22-10-102716	10/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	18 ft	VMP-22-18-021111	2/11/2011	<0.84	U		<0.84	U		<0.84	U		<0.74	U		<0.98	U		<0.96	U		<0.96	U		<3.1	U	
		VMP-22-18-041811	4/18/2011	<3.6	U		<3.6	U		<3.6	U		<3.1	U	UJ	<4.2	U		<4.1	U		<4.1	U		<13	U	
		VMP-22-18-072611	7/26/2011	<1.8	U		<1.8	U		<1.8	U		<1.6	U		<2.1	U		<2.1	U		<2.1	U	UJ	<6.6	U	
		VMP-22-18-110511	11/5/2011	<0.0036	U		<0.0036	U		<0.0036	U		0.0018	J		<0.0042	U		<0.0042	U		<0.0042	U		0.0014	J	
		VMP-22-18-012412	1/24/2012	<0.033	U		<0.033	U		<0.033	U		<0.029	U		<0.039	U		<0.038	U		<0.038	U		<0.12	U	
		VMP-22-18-040912	4/9/2012	<0.004	U		<0.004	U		<0.004	U		<0.035	U		<0.0046	U		<0.0046	U		<0.0046	U		<0.014	U	
		VMP-22-18-070912	7/9/2012	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-22-18-100412	10/4/2012	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-22-18-012413	1/24/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-22-18-042213	4/22/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-22-18-072913	7/29/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-22-18-101813	10/18/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-22-18-021314	2/13/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-22-18-042214	4/22/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-22-18-072814	7/28/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-22-18-102414	10/24/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-22-18-012715	1/27/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-22-18-012715-DUP	1/27/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-22-18-042715	4/27/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-22-18-072015	7/20/2015	<0.0067	U		<0.0067	U		<0.0067	U		<0.058	U		<0.0078	U		<0.0076	U		<0.0076	U		<0.024	U	
		VMP-22-18-102315	10/23/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0032	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-22-18-012616	1/26/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-22-18-042616	4/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-22-18-072216	7/22/2016	<0.0054	U		<0.0054	U		<0.0054	U		0.006	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-22-18-102716	10/27/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	38 ft	VMP-22-38-041811	4/18/2011	<11	U		<11	U		<11	U		<9.6	U	UJ	<13	U		<12	U		<12	U		<40	U	
		VMP-22-38-012512	1/25/2012	<0.033	U		<0.033	U		<0.033	U		<0.029	U		<0.039	U		<0.038	U		<0.038	U		<0.12	U	
		VMP-22-38-040912	4/9/2012	<0.0039	U		<0.0039	U		<0.0039	U		<0.034	U		<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-22-38-070912	7/9/2012	<0.0041	U		<0.0041	U		<0.0041	U		0.0012	J		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-22-38-100412	10/4/2012	<0.006	U		<0.006	U		<0.006	U		0.0036	J		<0.007	U		<0.0069	U		0.0026	J		<0.022	U	
		VMP-22-38-012413	1/24/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-22-38-042213	4/22/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-22-38-072913	7/29/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-22-38-101813	10/18/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		0.0012		
		VMP-22-38-021314	2/13/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-22-38-021314-Dup	2/13/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-22-38-042214	4/22/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-22-38-072814	7/28/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-22-38-072814-DUP	7/28/2014	<0.0053	U		0.0012	J		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-22-38-102414	10/24/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-22-38-102414-DUP	10/24/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-22-38-012715	1/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-22-38-042715	4/27/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-22-38-042715-DUP	4/27/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-22-38-072015	7/20/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-22-38-072015-DUP	7/20/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-22-38-102315	10/23/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.004	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-22-38-012616-DUP	1/26/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-22-38-042616	4/26/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-22-38-072216	7/22/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-22-38-072216-DUP	7/22/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-22-38-102716	10/27/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-22-38-102716-Dup	10/27/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
VMP-23	5 ft	VMP-23-5-021511	2/15/2011	<0.0052	U		<0.0052	U		<0.0052	U		<0.0046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-23-5-042111	4/21/2011	<0.045	U		<0.045	U		<0.045	U		<0.04	U		<0.053	U		<0.052	U		<0.052	U		<0.16	U	
		VMP-23-5-072711	7/27/2011	<0.0052	U		<0.0052	U		<0.0052	U		0.0063			<0.0061	U		<0.006	U		<0.006	U		0.0088	J	
		VMP-23-5-110211	11/2/2011	<0.0037	U		<0.0037	U		<0.0037	U		<0.0032	J	U	<0.0043	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-23-5-012512	1/25/2012	<0.0031	U		<0.0031	U		<0.0031	U		0.0015	J		<0.0036	U		<0.0036	U		<0.0036	U		<0.011	U	
		VMP-23-5-040912	4/9/2012	<0.0038	U		<0.0038	U		<0.0038	U		0.0096	J		<0.0044	U		<0.0043	U		<0.0043	U		<0.014	U	
		VMP-23-5-070912	7/9/2012	<0.0034	U		<0.0034	U		<0.0034	U		0.0048	J		<0.004	U		<0.0039	U		<0.0039	U		<0.012	U	
		VMP-23-5-100312	10/3/2012	<0.0057	U		<0.0057	U		<0.0057	U		0.0029	J		<0.0067	U		<0.0066	U		0.013			<0.021	U	
		VMP-23-5-012413	1/24/2013	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-23-5-042213	4/22/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-23-5-072313	7/23/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	J	U	<0.021	U	
		VMP-23-5-101813	10/18/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-23-5-021314	2/13/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-23-5-042114	4/21/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-23-5-080514	8/5/2014	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-23-5-102414	10/24/2014	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-23-5-012715	1/27/2015	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-23-5-042715	4/27/2015	<0.0052	U		0.0011	J		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-23-5-072015	7/20/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-23-5-102615	10/26/2015	<0.0044	U		<0.0044	U		<0.0044	U		0.006	J		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-23-5-012516	1/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		0.0022	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-23-5-062816	6/28/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		0.0018	J	
		VMP-23-5-072216	7/22/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-23-5-101916	10/19/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	<0.0054	U		<0.0054	U		<0.0054	U		<0.0047	U		<0.0063	U		<0.0062	U		<0.0062	U		0.0028	J	
		VMP-23-10-042111	4/21/2011	<0.055	U		<0.055	U		<0.055	U		<0.048	U		<0.064	U		<0.063	U		<0.063	U		<0.2	U	
		VMP-23-10-072711	7/27/2011	<0.005	U		<0.005	U		<0.005	U		<0.0044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-23-10-110211	11/2/2011	<0.0036	U		<0.0036	U		<0.0036	U		<0.0032	U		<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-23-10-012512	1/25/2012	<0.0031	U		<0.0031	U		<0.0031	U		0.0037			<0.0036	U		<0.0035	U		<0.0035	U		<0.011	U	
		VMP-23-10-040912	4/9/2012	<0.0039	U		<0.0039	U		<0.0039	U		0.013	J		<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-23-10-040912-Dup	4/9/2012	0.002	J		<0.0039	U		<0.0039	U		0.027	J		<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-23-10-070912	7/9/2012	<0.0031	U		<0.0031	U		<0.0031	U		0.0071	J		<0.0036	U		<0.0035	U		<0.0035	U		<0.011	U	
		VMP-23-10-100312	10/3/2012	<0.0062	U		<0.0062	U		<0.0062	U		0.0038	J		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-23-10-012413	1/24/2013	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-23-10-042213	4/22/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-23-10-072313	7/23/2013	<0.006	U		<0.006	U		<0.006	U		<0.053	J	U	<0.007	U		<0.0069	U		<0.0069	J	U	<0.022	U	
		VMP-23-10-101813	10/18/2013	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-23-10-101813-DUP	10/18/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-23-10-021314	2/13/2014	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-23-10-042114	4/21/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-23-10-080514	8/5/2014	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-23-10-102414	10/24/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-23-10-012715	1/27/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-23-10-042715	4/27/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-23-10-072015	7/20/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0021	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-23-10-102615	10/26/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-23-10-012516	1/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.0019	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-23-10-062816	6/28/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-23-10-072216	7/22/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-23-10-101916	10/19/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.0051	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
	25 ft	VMP-23-25-021511	2/15/2011	<0.005	U		<0.005	U		<0.005	U		<0.0044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-23-25-042111	4/21/2011	<0.051	U		<0.051	U		<0.051	U		<0.045	U		<0.06	U		<0.058	U		<0.058	U		<0.18	U	
		VMP-23-25-072711	7/27/2011	<0.0057	U		<0.0057	U		<0.0057	U		<0.005	U		<0.0067	U		<0.0066	U		<0.0066	U		0.0057	J	
		VMP-23-25-110511	11/5/2011	<0.0036	U		<0.0036	U		<0.0036	U		0.0052			<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-23-25-012512	1/25/2012	<0.0032	U		<0.0032	U		<0.0032	U		0.0015	J		<0.0038	U		<0.0037	U		<0.0037	U		<0.012	U	
		VMP-23-25-040912	4/9/2012	<0.0038	U		<0.0038	U		<0.0038	U		0.018	J		<0.0044	U		<0.0043	U		<0.0043	U		<0.014	U	
		VMP-23-25-071012	7/10/2012	<0.0048	U		<0.0048	U		<0.0048	U		0.0017	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-23-25-100312	10/3/2012	<0.006	U		<0.006	U		<0.006	U		0.0039	J		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-23-25-012413	1/24/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-23-25-042213	4/22/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-23-25-072313	7/23/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-23-25-102113	10/21/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-23-25-021314	2/13/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-23-25-042114	4/21/2014	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-23-25-080514	8/5/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-23-25-102414	10/24/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-23-25-012715	1/27/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-23-25-042715	4/27/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-23-25-072015	7/20/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-23-25-102615	10/26/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0039	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-23-25-012516	1/25/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.0022	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-23-25-062816	6/28/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-23-25-072216	7/22/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-23-25-101916	10/19/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
	40 ft	VMP-23-40-071012	7/10/2012	<0.0041	U		<0.0041	U		<0.0041	U		0.0014	J		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-23-40-100312	10/3/2012	<0.0056	U		<0.0056	U		<0.0056	U		0.0035	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-23-40-012413	1/24/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-23-40-042213	4/22/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-23-40-042213-Dup	4/22/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-23-40-102113	10/21/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-23-40-021314	2/13/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-23-40-042114	4/21/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-23-40-080514	8/5/2014	0.033			<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-23-40-102414	10/24/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-23-40-012715	1/27/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-23-40-042715	4/27/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-23-40-072015	7/20/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		0.0017	J	
		VMP-23-40-102615	10/26/2015	<0.005	U		<0.005	U		<0.005	U		0.0035	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-23-40-102615-DUP	10/26/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.003	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-23-40-012516	1/25/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-23-40-072216	7/22/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-021611	2/16/2011	<0.0056	U		<0.0056	U		<0.0056	U		0.0018	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-24-5-040811	4/8/2011	<0.06	U		<0.06	U		<0.06	U		0.011	J		<0.07	U		<0.068	U		<0.068	U		<0.22	U	
		VMP-24-5-072811	7/28/2011	<0.0056	U		<0.0056	U		<0.0056	U		<0.0049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-24-5-110211	11/2/2011	<0.0037	U		<0.0037	U		<0.0037	U		<0.0032	J	U	<0.0043	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-24-5-110211-DUP	11/2/2011	<0.0052	U		<0.0052	U		<0.0052	U		0.0034	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-24-5-012512	1/25/2012	<0.0032	U		<0.0032	U		<0.0032	U		0.0011	J		<0.0037	U		<0.0036	U		<0.0036	U		<0.012	U	
		VMP-24-5-040912	4/9/2012	<0.0038	U		<0.0038	U		<0.0038	U		<0.033	U		<0.0044	U		<0.0043	U		<0.0043	U		<0.014	U	
		VMP-24-5-071212	7/12/2012	<0.0036	U		<0.0036	U		<0.0036	U		0.0018	J		<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-24-5-101912	10/19/2012	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-24-5-012313	1/23/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-24-5-050113	5/1/2013	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-24-5-073113	7/31/2013	<0.0057	U		<0.0057	U		<0.0057	U		0.0012	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-24-5-102113	10/21/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	J	U	<0.02	U	
		VMP-24-5-020614	2/6/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-24-5-042114	4/21/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-24-5-072814	7/28/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-24-5-102714	10/27/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-24-5-020215	2/2/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-24-5-042715	4/27/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	J	U	<0.021	U	
		VMP-24-5-072115	7/21/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-24-5-102915	10/29/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0038	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-24-5-012716	1/27/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-24-5-042916	4/29/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-24-5-072716	7/27/2016	<0.0059	U		0.0012	J		<0.0059	U		0.0022	J		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-24-5-102816	10/28/2016	<0.0043	U		<0.0043	U		<0.0043	U		0.0053	J		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
	10 ft	VMP-24-10-021711	2/17/2011	<0.0053	U		<0.0053	U		<0.0053	U		<0.0047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-24-10-041111	4/11/2011	<0.01	U		<0.01	U		<0.01	U		0.0022	J		<0.012	U		<0.011	U		<0.011	U		<0.036	U	
		VMP-24-10-072811	7/28/2011	<0.0055	U		<0.0055	U		<0.0055	U		0.0062			<0.0064	U		<0.0063	U		0.002	J		<0.02	U	
		VMP-24-10-110211	11/2/2011	<0.0032	U		<0.0032	U		<0.0032	U		<0.0028	J	U	<0.0038	U		<0.0037	U		<0.0037	U		<0.012	U	
		VMP-24-10-012512	1/25/2012	<0.0031	U		<0.0031	U		<0.0031	U		0.006			<0.0036	U		<0.0035	U		<0.0035	U		<0.011	U	
		VMP-24-10-041012	4/10/2012	<0.0036	U		<0.0036	U		<0.0036	U		<0.032	U		<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-24-10-071212	7/12/2012	<0.0042	U		<0.0042	U		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-24-10-100912	10/9/2012	<0.0052	U		<0.0052	U		<0.0052	U		0.0028	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-24-10-012313	1/23/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-24-10-042513	4/25/2013	<0.021	U		<0.021	U		<0.021	U		<0.18	U		<0.024	U		<0.024	U		<0.024	U		<0.076	U	
		VMP-24-10-073113	7/31/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-24-10-102113	10/21/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		0.0016	J	
		VMP-24-10-020614	2/6/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-24-10-042114	4/21/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-24-10-072814	7/28/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-24-10-102714	10/27/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-24-10-020215	2/2/2015	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-24-10-042715	4/27/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	J	U	<0.02	U	
		VMP-24-10-072115	7/21/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	J	U	<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-24-10-102915	10/29/2015	<0.005	U		<0.005	U		<0.005	U		0.0043	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-24-10-012716	1/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-24-10-042916	4/29/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-24-10-072716	7/27/2016	<0.0055	U		<0.0055	U		<0.0055	U		0.0019	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-24-10-102816	10/28/2016	<0.0041	U		<0.0041	U		<0.0041	U		0.0033	J		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	<0.0053	U		<0.0053	U		<0.0053	U		<0.0047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-24-22-041111	4/11/2011	<0.005	U		<0.005	U		<0.005	U		0.0023	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-24-22-072811	7/28/2011	<0.005	U		<0.005	U		<0.005	U		<0.0044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-24-22-072811-Dup	7/28/2011	<0.0057	U		<0.0057	U		<0.0057	U		<0.005	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-24-22-110611	11/6/2011	<0.0035	U		<0.0035	U		<0.0035	U		0.0082			<0.004	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-24-22-012512	1/25/2012	<0.0032	U		<0.0032	U		<0.0032	U		0.001	J		<0.0038	U		<0.0037	U		<0.0037	U		<0.012	U	
		VMP-24-22-041012	4/10/2012	<0.0035	U		<0.0035	U		<0.0035	U		0.009	J		<0.0041	U		<0.0041	U		<0.0041	U		<0.013	U	
		VMP-24-22-071212	7/12/2012	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		0.015	J	
		VMP-24-22-100912	10/9/2012	<0.0053	U		<0.0053	U		<0.0053	U		0.0024	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-24-22-012313	1/23/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-24-22-042513	4/25/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	J	U	<0.019	U	
		VMP-24-22-042513-Dup	4/25/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	J	U	<0.021	U	
		VMP-24-22-073113	7/31/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-24-22-102213	10/22/2013	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-24-22-020614	2/6/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-24-22-042114	4/21/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-24-22-072814	7/28/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-24-22-102714	10/27/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-24-22-020215	2/2/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-24-22-042715	4/27/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-24-22-072115	7/21/2015	<0.0052	U	UJ	<0.0052	U	UJ	<0.0052	U	UJ	<0.046	J	UJ	<0.0061	U	UJ	<0.006	U	UJ	<0.006	U	UJ	<0.019	U	UJ
		VMP-24-22-082415	8/24/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-24-22-082415-DUP	8/24/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-24-22-102915	10/29/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0056	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-24-22-012716	1/27/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-24-22-042916	4/29/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-24-22-072716	7/27/2016	<0.0057	U		<0.0057	U		<0.0057	U		0.0025	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-24-22-102816	10/28/2016	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
	34 ft	VMP-24-34-021711	2/17/2011	<0.0053	U		<0.0053	U		<0.0053	U		<0.0047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-24-34-041111	4/11/2011	<0.0048	U		<0.0048	U		<0.0048	U		0.004	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-24-34-072811	7/28/2011	<0.0042	U		<0.0042	U		<0.0042	U		0.0018	J		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-24-34-110611	11/6/2011	<0.0027	U		<0.0027	U		<0.0027	U		0.0023	J		<0.0031	U		<0.0031	U		<0.0031	U		<0.0098	U	
		VMP-24-34-012512	1/25/2012	<0.0033	U		<0.0033	U		<0.0033	U		0.0013	J		<0.0039	U		<0.0038	U		<0.0038	U		<0.012	U	
		VMP-24-34-041012	4/10/2012	<0.0037	U		<0.0037	U		<0.0037	U		<0.032	U		<0.0043	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-24-34-071212	7/12/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.031	U		<0.0041	U		<0.0041	U		<0.0041	U		<0.013	U	
		VMP-24-34-100912	10/9/2012	<0.0055	U		<0.0055	U		<0.0055	U		0.0017	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-24-34-012313	1/23/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-24-34-050613	5/6/2013	<0.0063	U		<0.0063	U		<0.0063	U		<0.056	U		<0.0074	U		<0.0073	U		<0.0073	J	U	<0.023	U	
		VMP-24-34-073113	7/31/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-24-34-073113-Dup	7/31/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-24-34-102213	10/22/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	J	U	<0.02	U	
		VMP-24-34-020614	2/6/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-24-34-042114	4/21/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-24-34-072814	7/28/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-24-34-072814-DUP	7/28/2014	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-24-34-102714	10/27/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-24-34-102714-DUP	10/27/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-24-34-020215	2/2/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-24-34-020215-DUP	2/2/2015	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-24-34-042715	4/27/2015	<0.007	U		<0.007	U		<0.007	U		<0.061	U		<0.0081	U		<0.008	U		<0.008	U		<0.025	U	
		VMP-24-34-072115	7/21/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-24-34-072115-DUP	7/21/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-24-34-102915	10/29/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0049	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-24-34-012716	1/27/2016	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-24-34-042916	4/29/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-24-34-072716	7/27/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-24-34-072716-DUP	7/27/2016	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-24-34-102816	10/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-24-34-102816-Dup	10/28/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	<0.048	U		<0.048	U		<0.048	U		<0.042	U		<0.056	U		<0.055	U		<0.055	U		<0.17	U	
		VMP-25-5-040811	4/8/2011	<0.022	U		<0.022	U		<0.022	U		0.0095	J		<0.025	U		<0.025	U		<0.025	U		<0.079	U	
		VMP-25-5-080911	8/9/2011	<0.0046	U		<0.0046	U		<0.0046	U		0.026			0.0029	J		<0.0053	U		<0.0053	J	U	<0.017	U	
		VMP-25-5-111711	11/17/2011	<0.0033	U		<0.0033	U		<0.0033	U		0.001	J		<0.0039	U		<0.0038	U		<0.0038	U		<0.012	U	
		VMP-25-5-013112	1/31/2012	<0.024	U		<0.024	U		<0.024	U		<0.021	U		<0.028	U		<0.028	U		<0.028	U		<0.088	U	
		VMP-25-5-042512	4/25/2012	<0.0038	U		<0.0038	U		<0.0038	U		<0.033	J	U	<0.0044	U		<0.0043	U		<0.0043	U		<0.014	U	
		VMP-25-5-072612	7/26/2012	<0.013	U		<0.013	U		<0.013	U		<0.11	J	U	<0.015	U		<0.015	U		<0.015	U		<0.047	U	
		VMP-25-5-102612	10/26/2012	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-25-5-030613	3/6/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	J	U	<0.0059	U		<0.0058	U		<0.0058	J	U	<0.018	U	
		VMP-25-5-051713	5/17/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	J	U	<0.0063	U		<0.0062	U		<0.0062	J	U	<0.02	U	
		VMP-25-5-081513	8/15/2013	<0.0066	U		<0.0066	U		<0.0066	U		<0.058	U		<0.0077	U		<0.0075	U		<0.0075	U		<0.024	U	
		VMP-25-5-081513-Dup	8/15/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	J	U	<0.02	U	
		VMP-25-5-111313	11/13/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-25-5-050114	5/1/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-25-5-081414	8/14/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-25-5-110514	11/5/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-25-5-021115	2/11/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-25-5-050715	5/7/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-25-5-073015	7/30/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0042	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-25-5-110515	11/5/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0053	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-25-5-021616	2/16/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-25-5-050416	5/4/2016	<0.097	U		<0.097	U		<0.097	U		<0.85	U		<0.11	U		<0.11	U		<0.11	U		<0.35	U	
		VMP-25-5-080316	8/3/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-25-5-103116	10/31/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	21 ft	VMP-25-21-031511	3/15/2011	<9.4	U		<9.4	U		<9.4	U		2.7	J		<11	U		<11	U		<11	U		<34	U	
		VMP-25-21-031511-DUP	3/15/2011	<12	U		<12	U		<12	U		<10	U		<14	U		<14	U		<14	U		<44	U	
		VMP-25-21-040811	4/8/2011	<100	U		<100	U		<100	U		<88	U		<120	U		<110	U		<110	U		<360	U	
		VMP-25-21-040811-DUP	4/8/2011	<100	U		<100	U		<100	U		<88	U		<120	U		<120	U		<120	U		<370	U	
		VMP-25-21-080911	8/9/2011	22	J		11	J		<33	U		<29	U		<38	U		<37	U		<37	U		<120	U	
		VMP-25-21-111711	11/17/2011	<45	U		<45	U		<45	U		15	J		<52	U		<51	U		<51	U		<160	U	
		VMP-25-21-111711-DUP	11/17/2011	<66	U		<66	U		<66	U		18	J		<77	U		<75	U		<75	U		<240	U	
		VMP-25-21-013112	1/31/2012	<23	U		<23	U		<23	U		<20	U		<27	U		<26	U		<26	U		<84	U	
		VMP-25-21-013112-DUP	2/1/2012	<22	U		<22	U		<22	U		<19	U		<25	U		<25	U		<25	U		<78	U	
		VMP-25-21-042512	4/25/2012	<15	U		<15	U		<15	U		<13	U		<17	U		<17	U		<17	U		<54	U	
		VMP-25-21-072612	7/26/2012	<25	U		<25	U		<25	U		8.6	J		<29	U		<28	U		<28	U		<91	U	
		VMP-25-21-102612	10/26/2012	<150	U		<150	U		<150	U		15	J		<170	U		<170	U		<170	U		<540	U	
		VMP-25-21-030613	3/6/2013	<38	U		<38	U		<38	U		9.1	J		<44	U		<44	U		<44	U		<140	U	
		VMP-25-21-051713	5/17/2013	<27	U		<27	U		<27	U		<24	U		<31	U		<31	U		<31	U		<98	U	
		VMP-25-21-081513	8/15/2013	<14	U		<14	U		<14	U		<12	U		<16	U		<16	U		<16	U		<50	U	
		VMP-25-21-111313	11/13/2013	<36	U		<36	U		<36	U		<320	U		<42	U		<41	U		<41	U		<130	U	
		VMP-25-21-111313-Dup	11/13/2013	<36	U		<36	U		<36	U		11	J		<42	U		<41	U		<41	U		<130	U	
		VMP-25-21-050114	5/1/2014	<25	U		<25	U		<25	U		<220	U		<29	U		<28	U		<28	U		<91	U	
		VMP-25-21-081414	8/14/2014	<5.2	U		<5.2	U		<5.2	U		<4.6	U	UJ	<6.1	U		<6	U		<6	U		<19	U	
		VMP-25-21-110514	11/5/2014	<1.6	U		<1.6	U		<1.6	U		<1.4	U		<1.9	U		<1.8	U		<1.8	U		<5.9	U	
		VMP-25-21-021115	2/11/2015	<2.4	U		<2.4	U		<2.4	U		<2.2	U		<2.9	U		<2.8	U		<2.8	U		<8.9	U	
		VMP-25-21-050715	5/7/2015	<4.8	U		<4.8	U		<4.8	U		<42	U		<5.6	U		<5.5	U		<5.5	U		<17	U	
		VMP-25-21-073015	7/30/2015	<1.3	U		<1.3	U		<1.3	U		<1.1	U		<1.5	U		<1.4	U		<1.4	U		<4.6	U	
		VMP-25-21-110515	11/5/2015	<1.1	U		<1.1	U		<1.1	U		0.48	J		<1.3	U		<1.3	U		<1.3	U		<4.1	U	
		VMP-25-21-050416	5/4/2016	<0.06	U		<0.06	U		<0.06	U		<0.053	U		<0.07	U		<0.069	U		<0.069	U		<0.22	U	
		VMP-25-21-080316	8/3/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-25-21-103116	10/31/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-25-21-103116-Dup	10/31/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	31 ft	VMP-25-31-030613	3/6/2013	<50	U		<50	U		<50	U		30	J		<59	U		<58	U		<58	U		<180	U	
		VMP-25-31-081513	8/15/2013	<26	U		<26	U		<26	U		<23	U		<31	U		<30	U		<30	U		<96	U	
		VMP-25-31-111313	11/13/2013	<37	U		<37	U		<37	U		9.8	J		<44	U		<43	U		<43	U		<140	U	
		VMP-25-31-050114	5/1/2014	<23	U		<23	U		<23	U		<200	U		<27	U		<26	U		<26	U		<84	U	
		VMP-25-31-081414	8/14/2014	<5.7	U		<5.7	U		<5.7	U		<5	U	UJ	<6.6	U		<6.5	U		<6.5	U		<21	U	
		VMP-25-31-110514	11/5/2014	<2.6	U		<2.6	U		<2.6	U		<2.3	U		<3	U		<3	U		<3	U		<9.5	U	
		VMP-25-31-021115	2/11/2015	<2.3	U		<2.3	U		<2.3	U		<2	U		<2.7	U		<2.7	U		<2.7	U		<8.5	U	
		VMP-25-31-021115-DUP	2/11/2015	<2.3	U		<2.3	U		<2.3	U		<2	U		<2.7	U		<2.6	U		<2.6	U		<8.4	U	
		VMP-25-31-050715	5/7/2015	<6.4	U		<6.4	U		<6.4	U		<56	U		<7.5	U		<7.4	U		<7.4	U		<23	U	
		VMP-25-31-050715-DUP	5/7/2015	<6.2	U		<6.2	U		<6.2	U		<54	U		<7.2	U		<7.1	U		<7.1	U		<23	U	
		VMP-25-31-073015	7/30/2015	<1.5	U		<1.5	U		<1.5	U		<1.3	U		<1.7	U		<1.7	U		<1.7	U		<5.4	U	
		VMP-25-31-073015-DUP	7/30/2015	<1.3	U		<1.3	U		<1.3	U		<1.2	U		<1.5	U		<1.5	U		<1.5	U		<4.8	U	
		VMP-25-31-110515	11/5/2015	<1.1	U		<1.1	U		<1.1	U		<0.94	U		<1.2	U		<1.2	U		<1.2	U		<3.9	U	
		VMP-25-31-021616	2/16/2016	<1.6	U		<1.6	U		<1.6	U		0.54	J		<1.9	U		<1.8	U		<1.8	U		<5.9	U	
		VMP-25-31-021616-DUP	2/16/2016	<2.5	U		<2.5	U		<2.5	U		<2.2	U		<3	U		<2.9	U		<2.9	U		<9.2	U	
		VMP-25-31-050416	5/4/2016	<2.8	U		<2.8	U		<2.8	U		<24	U		<3.2	U		<3.2	U		<3.2	U		<10	U	
		VMP-25-31-080316	8/3/2016	<0.11	U		<0.11	U		<0.11	U		<0.93	U		<0.12	U		<0.12	U		<0.12	U		<0.39	U	
		VMP-25-31-080316-DUP	8/3/2016	<0.094	U		<0.094	U		<0.094	U		<0.83	U		<0.11	U		<0.11	U		<0.11	U		<0.34	U	
		VMP-25-31-103116	10/31/2016	<0.048	U		<0.048	U		<0.048	U		<0.17	U		<0.056	U		<0.055	U		<0.055	U		<0.17	U	
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	<0.042	U		<0.042	U		<0.042	U		<0.37	U		<0.049	U		<0.048	U		<0.048	U		<0.15	U	
		VMP-29-10-100812	10/8/2012	<0.074	U		<0.074	U		<0.074	U		<0.65	U		<0.087	U		<0.085	U		<0.085	U		<0.27	U	
		VMP-29-10-020613	2/6/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-29-10-050613	5/6/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-29-10-080513	8/5/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-29-10-083013	8/30/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-29-10-102513	10/25/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		0.00058	J	
		VMP-29-10-021214	2/12/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-29-10-042914	4/29/2014	<0.0054	U		0.0013	J		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-29-10-081214	8/12/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-29-10-110314	11/3/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-29-10-020515	2/5/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-29-10-050615	5/6/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0028	J	J	<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-29-10-072715	7/27/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0029	J		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-29-10-103015	10/30/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-29-10-012716	1/27/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-29-10-050216	5/2/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-29-10-072816	7/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-29-10-120916	12/9/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	20 ft	VMP-29-20-073012	7/30/2012	<0.5	U		<0.5	U		<0.5	U		<0.44	U		<0.58	U		<0.57	U		<0.57	U		<1.8	U	
		VMP-29-20-073012-Dup	7/30/2012	<0.46	U		<0.46	U		<0.46	U		<0.41	U		<0.54	U		<0.53	U		<0.53	U		<1.7	U	
		VMP-29-20-100812	10/8/2012	<0.074	U		<0.074	U		<0.074	U		<0.65	U		<0.087	U		<0.085	U		<0.085	U		<0.27	U	
		VMP-29-20-020613	2/6/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-29-20-050613	5/6/2013	<0.022	U		<0.022	U		<0.022	U		<0.19	U		<0.026	U		<0.025	U		<0.025	U		<0.08	U	
		VMP-29-20-080513	8/5/2013	<0.028	U		<0.028	U		<0.028	U		0.033	J		<0.032	U		<0.032	U		<0.032	U		<0.1	U	
		VMP-29-20-102513	10/25/2013	<0.0092	U		<0.0092	U		<0.0092	U		<0.081	U		<0.011	U		<0.01	U		<0.01	U		<0.034	U	
		VMP-29-20-021214	2/12/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-29-20-042914	4/29/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-29-20-081214	8/12/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-29-20-110314	11/3/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-29-20-020515	2/5/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-29-20-050615	5/6/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0047	J	J	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-29-20-072715	7/27/2015	<0.007	U		<0.007	U		<0.007	U		<0.062	U		<0.0082	U		<0.0081	U		<0.0081	U		<0.026	U	
		VMP-29-20-103015	10/30/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0075	J		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
	18 ft	VMP-29-20-020416-R	2/4/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-29-20-050216	5/2/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-29-20-072816	7/28/2016	<0.011	U		<0.011	U		<0.011	U		<0.098	U		<0.013	U		<0.013	U		<0.013	U		<0.041	U	
		VMP-29-18-110316	11/3/2016	<0.01	U		<0.01	U		<0.01	U		<0.091	U		<0.012	U		<0.012	U		<0.012	U		<0.038	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	26 ft	VMP-29-30-073012	7/30/2012	<0.082	U		<0.082	U		<0.082	U		<0.072	U		<0.095	U		<0.093	U		<0.093	U		<0.3	U	
		VMP-29-30-100812	10/8/2012	<0.37	U		<0.37	U		<0.37	U		0.34	J		<0.43	U		<0.42	U		<0.42	U		<1.3	U	
		VMP-29-30-020613	2/6/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		0.019	J	
		VMP-29-30-050613	5/6/2013	<0.019	U		<0.019	U		<0.019	U		<0.17	U		<0.022	U		<0.022	U		<0.022	U		<0.069	U	
		VMP-29-30-080513	8/5/2013	<0.029	U		<0.029	U		<0.029	U		<0.25	U		<0.034	U		<0.033	U		<0.033	U		<0.1	U	
		VMP-29-30-080513-Dup	8/5/2013	<0.047	U		<0.047	U		<0.047	U		<0.41	U		<0.055	U		<0.054	U		<0.054	U		<0.17	U	
		VMP-29-30-102513	10/25/2013	<0.0074	U		<0.0074	U		<0.0074	U		<0.064	U		<0.0086	U		<0.0084	U		<0.0084	U		<0.027	U	
		VMP-29-30-021214	2/12/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-29-30-042914	4/29/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-29-30-081214	8/12/2014	<0.039	U		<0.039	U		<0.039	U		<0.34	U		<0.046	U		<0.045	U		<0.045	U		<0.14	U	
		VMP-29-30-111214-R	11/12/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-29-30-111214-R-DUP	11/12/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-29-30-020615	2/6/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-29-30-050615	5/6/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0019	J	J	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-29-30-050615-DUP	5/6/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-29-30-080315	8/3/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.0053	J		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-29-30-103015	10/30/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	J	U	<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-29-30-012716	1/27/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-29-30-050216	5/2/2016	<0.019	U		<0.019	U		<0.019	U		<0.17	U		<0.022	U		<0.022	U		<0.022	U		<0.07	U	
		VMP-29-30-072816	7/28/2016	<0.013	U		<0.013	U		<0.013	U		<0.11	U		<0.015	U		<0.015	U		<0.015	U		<0.047	U	
		VMP-29-26-110316	11/3/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-29-26-110316-Dup	11/3/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
VMP-30	10 ft	VMP-30-10-073012	7/30/2012	<0.15	U		<0.15	U		<0.15	U		<0.13	U		<0.17	U		<0.17	U		<0.17	U		<0.54	U	
		VMP-30-10-100812	10/8/2012	<0.0056	U		<0.0056	U		<0.0056	U		0.002	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-30-10-020613	2/6/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-30-10-050613	5/6/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-30-10-080513	8/5/2013	<0.011	U		<0.011	U		<0.011	U		<0.096	J	U	<0.013	U		<0.012	U		<0.012	U		<0.04	U	
		VMP-30-10-102813	10/28/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-30-10-021214	2/12/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-30-10-042914	4/29/2014	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-30-10-080814	8/8/2014	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-30-10-110414	11/4/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-30-10-020615	2/6/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-30-10-050515	5/5/2015	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-30-10-072715	7/27/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0028	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-30-10-103015	10/30/2015	<0.005	U		<0.005	U		<0.005	U		0.005	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-30-10-020416	2/4/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-30-10-050216	5/2/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-30-10-072816	7/28/2016	<0.022	U		<0.022	U		<0.022	U		<0.19	U		<0.025	U		<0.025	U		<0.025	U		<0.079	U	
		VMP-30-10-110316	11/3/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	18 ft	VMP-30-20-073012	7/30/2012	<0.63	U		<0.63	U		<0.63	U		0.11	J		<0.73	U		<0.72	U		<0.72	U		<2.3	U	
		VMP-30-20-100812	10/8/2012	<0.23	U		<0.23	U		<0.23	U		0.25	J		<0.27	U		<0.26	U		<0.26	U		<0.84	U	
		VMP-30-20-020613	2/6/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-30-20-050613	5/6/2013	<0.055	U		<0.055	U		<0.055	U		<0.48	U		<0.064	U		<0.063	U		<0.063	U		<0.2	U	
		VMP-30-20-080513	8/5/2013	<0.022	U		<0.022	U		<0.022	U		<0.19	U		<0.026	U		<0.025	U		<0.025	U		<0.081	U	
		VMP-30-20-102813	10/28/2013	<0.0077	U		<0.0077	U		<0.0077	U		<0.068	U		<0.009	U		<0.0088	U		<0.0088	U		<0.028	U	
		VMP-30-20-021214	2/12/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-30-20-042914	4/29/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-30-20-080814	8/8/2014	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-30-20-110414	11/4/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-30-20-020615	2/6/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-30-20-050515	5/5/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-30-20-072715	7/27/2015	<0.013	U		<0.013	U		<0.013	U		<0.11	U		<0.015	U		<0.015	U		<0.015	U		<0.047	U	
		VMP-30-20-103015	10/30/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0035	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-30-20-012716	1/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		0.0022	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-30-20-050216	5/2/2016	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-30-20-072816	7/28/2016	<0.024	U		<0.024	U		<0.024	U		<0.21	U		<0.028	U		<0.028	U		<0.028	U		<0.088	U	
		VMP-30-18-110316	11/3/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-30	26 ft	VMP-30-30-073012	7/30/2012	<0.65	U		<0.65	U		<0.65	U		0.16	J		<0.76	U		<0.74	U		<0.74	U		<2.4	U	
		VMP-30-30-100812	10/8/2012	<0.48	U		<0.48	U		<0.48	U		0.28	J		<0.56	U		<0.55	U		<0.55	U		<1.7	U	
		VMP-30-30-020613	2/6/2013	<0.017	U		<0.017	U		<0.017	U		<0.15	U		<0.02	U		<0.02	U		<0.02	U		<0.063	U	
		VMP-30-30-050613	5/6/2013	<0.031	U		<0.031	U		<0.031	U		<0.27	U		<0.036	U		<0.036	U		<0.036	U		<0.11	U	
		VMP-30-30-081413	8/14/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	J	U	<0.021	U	
		VMP-30-30-102813	10/28/2013	<0.02	U		<0.02	U		<0.02	U		<0.18	U		<0.024	U		<0.023	U		<0.023	U		<0.074	U	
		VMP-30-30-021214	2/12/2014	<0.38	U		<0.38	U		<0.38	U		0.099	J		<0.44	U		<0.44	U		<0.44	U		<1.4	U	
		VMP-30-30-042914	4/29/2014	<0.12	U		<0.12	U		<0.12	U		<1.1	U		<0.14	U		<0.14	U		<0.14	U		<0.45	U	
		VMP-30-30-042914-DUP	4/29/2014	<0.13	U		<0.13	U		<0.13	U		<1.2	U		<0.15	U		<0.15	U		<0.15	U		<0.48	U	
		VMP-30-30-080814	8/8/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-30-30-110414	11/4/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-30-30-020615	2/6/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-30-30-050515	5/5/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-30-30-050515-DUP	5/5/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0023	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-30-30-072715	7/27/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-30-30-103015	10/30/2015	<0.0048	U		<0.0048	U		<0.0048	U		0.0046	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-30-30-012716	1/27/2016	<0.0051	U		<0.0051	U		<0.0051	U		0.0025	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-30-30-050216	5/2/2016	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-30-30-072816	7/28/2016	<0.048	U		<0.048	U		<0.048	U		<0.42	U		<0.056	U		<0.055	U		<0.055	U		<0.18	U	
		VMP-30-30-072816-DUP	7/28/2016	<0.038	U		<0.038	U		<0.038	U		<0.33	U		<0.044	U		<0.044	U		<0.044	U		<0.14	U	
		VMP-30-26-110316	11/3/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	<0.0038	U		<0.0038	U		<0.0038	U		<0.033	J	U	<0.0044	U		<0.0043	U		<0.0043	J	U	<0.014	U	
		VMP-31-5-072012	7/20/2012	<0.0038	U		<0.0038	U		<0.0038	U		0.0021	J		<0.0044	U		<0.0043	U		<0.0043	U		<0.014	U	
		VMP-31-5-102612	10/26/2012	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-31-5-021113	2/11/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-31-5-051513	5/15/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	J	U	<0.021	U	
		VMP-31-5-022614	2/26/2014	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	10 ft	VMP-31-10-042512	4/25/2012	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-31-10-072612	7/26/2012	<0.0039	U		<0.0039	U		<0.0039	U		<0.034	J	U	<0.0045	U		<0.0044	U		<0.0044	U		<0.014	U	
		VMP-31-10-102612	10/26/2012	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-31-10-021313	2/13/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	J	U	<0.02	U	
		VMP-31-10-051713	5/17/2013	<0.0064	U		<0.0064	U		<0.0064	U		<0.056	J	U	<0.0074	U		<0.0073	U		<0.0073	J	U	<0.023	U	
		VMP-31-10-111313	11/13/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-31-10-022714	2/27/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	20 ft	VMP-31-20-101912	10/19/2012	<5.5	U		<5.5	U		<5.5	U		<4.8	U		<6.4	U		<6.3	U		<6.3	U		<20	U	
		VMP-31-20-021113	2/11/2013	<0.078	U		<0.078	U		<0.078	U		<0.068	U		<0.091	U		<0.089	U		<0.089	U		0.05	J	
		VMP-31-20-111213	11/12/2013	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	30 ft	VMP-31-30-042512	4/25/2012	<1.9	U		<1.9	U		<1.9	U		<1.7	U		<2.3	U		<2.2	U		<2.2	U		<7.1	U	
		VMP-31-30-042512-Dup	4/25/2012	<1.9	U		<1.9	U		<1.9	U		<1.7	U		<2.3	U		<2.2	U		<2.2	U		<7.1	U	
		VMP-31-30-072012	7/20/2012	<0.38	U		<0.38	U		<0.38	U		<3.3	U		<0.44	U		<0.43	U		<0.43	U		<1.4	U	
		VMP-31-30-101912	10/19/2012	<0.34	U		<0.34	U		<0.34	U		<0.3	U		<0.4	U		<0.39	U		<0.39	U		<1.2	U	
		VMP-31-30-021113	2/11/2013	<5.6	U		<5.6	U		<5.6	U		<4.9	U		<6.5	U		<6.4	U		<6.4	U		<20	U	
		VMP-31-30-050713	5/7/2013	<47	U		<47	U		<47	U		<410	U		<55	U		<54	U		<54	U		<170	U	
		VMP-31-30-080913	8/9/2013	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	J	U	<0.0072	U		<0.0071	U		<0.0071	U		<0.023	U	
		VMP-31-30-111213	11/12/2013	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	J	U	<0.018	U	
		VMP-31-30-022614	2/26/2014	<24	U		<24	U		<24	U		<21	U		<28	U		<28	U		<28	U		<89	U	
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	<0.0037	U		<0.0037	U		<0.0037	U		<0.032	J	U	<0.0043	U		<0.0042	U		<0.0042	J	U	<0.013	U	
		VMP-32-5-072012	7/20/2012	<0.0033	U		<0.0033	U		<0.0033	U		0.0012	J		<0.0039	U		<0.0038	U		<0.0038	U		<0.012	U	
		VMP-32-5-101812	10/18/2012	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	J	U	<0.0074	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-32-5-020513	2/5/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-32-5-050713	5/7/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-32-5-080213	8/2/2013	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-32-5-110813	11/8/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-32-5-050114	5/1/2014	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		0.0084	J	
		VMP-32-5-081314	8/13/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-32-5-110714	11/7/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-32-5-021015	2/10/2015	<0.0041	U		<0.0041	U		<0.0041	U		<0.036	U		<0.0048	U		<0.0047	U		<0.0047	U		<0.015	U	
		VMP-32-5-073115	7/31/2015	<0.0055	U	UJ	<0.0055	U	UJ	<0.0055	U	UJ	0.0042	J	J	<0.0064	U	UJ	<0.0063	U	UJ	<0.0063	U	UJ	<0.02	U	UJ
		VMP-32-5-082415	8/24/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-32-5-110415	11/4/2015	<0.006	U		<0.006	U		<0.006	U		0.0076	J		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-32-5-012616	1/26/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-32-5-042716	4/27/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-32-5-072616	7/26/2016	<0.0057	U		<0.0057	U		<0.0057	U		0.0022	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-32-5-102716	10/27/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	10 ft	VMP-32-10-041612	4/16/2012	<0.0034	U		<0.0034	U		<0.0034	U		<0.03	J	U	<0.004	U		<0.0039	U		<0.0039	U		<0.012	U	
		VMP-32-10-072012	7/20/2012	<0.0039	U		<0.0039	U		<0.0039	U		0.0014	J		<0.0045	U		<0.0044	U		<0.0044	U		0.0079	J	
		VMP-32-10-101812	10/18/2012	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-32-10-020513	2/5/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-32-10-050713	5/7/2013	<0.0056	U		<0.0056	U		<0.0056	U		0.0014	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-32-10-080213	8/2/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-32-10-082313-R	8/23/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-32-10-082313-R-DUP	8/23/2013	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-32-10-110813	11/8/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	J	U	<0.02	U	
		VMP-32-10-022814	2/28/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-32-10-050114	5/1/2014	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-32-10-081314	8/13/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-32-10-110714	11/7/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-32-10-021015	2/10/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-32-10-051115	5/11/2015	<0.0063	U	UJ	<0.0063	U	UJ	<0.0063	U	UJ	<0.055	U	UJ	<0.0073	U	UJ	<0.0072	U	UJ	<0.0072	U	UJ	<0.023	U	UJ
		VMP-32-10-052915-R	5/29/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-32-10-110415	11/4/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0036	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-32-10-012616	1/26/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		0.0029	J	
		VMP-32-10-042716	4/27/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-32-10-072616	7/26/2016	<0.0052	U		<0.0052	U		<0.0052	U		0.003	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-32-10-102716	10/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	20 ft	VMP-32-20-041612	4/16/2012	<0.078	U		<0.078	U		<0.078	U		0.073	J		<0.09	U		<0.089	U		<0.089	U		<0.28	U	
		VMP-32-20-072012	7/20/2012	<0.0038	U		<0.0038	U		<0.0038	U		0.0014	J		<0.0044	U		<0.0043	U		<0.0043	U		<0.014	U	
		VMP-32-20-101812	10/18/2012	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-32-20-020513	2/5/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-32-20-050713	5/7/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	J	U	<0.022	U	
		VMP-32-20-050713-Dup	5/7/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		0.0013	J		<0.0064	U		<0.02	U	
		VMP-32-20-080213	8/2/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		0.0083	J	
		VMP-32-20-110813	11/8/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-32-20-022814	2/28/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-32-20-050514	5/5/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-32-20-081314	8/13/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-32-20-110714	11/7/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-32-20-021015	2/10/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-32-20-051115	5/11/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-32-20-080315	8/3/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0056	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-32-20-110415	11/4/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.011	J		<0.0061	U		<0.006	U		<0.006	U		0.0046	J	
		VMP-32-20-110415-DUP	11/4/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0054	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-32-20-021616	2/16/2016	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		0.0021	J	
		VMP-32-20-042716	4/27/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-32-20-082616-R	8/29/2016	<0.0068	U		<0.0068	U		<0.0068	U		<0.06	U		<0.008	U		<0.0078	U		<0.0078	U		<0.025	U	
		VMP-32-20-102716	10/27/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	30 ft	VMP-32-30-041612	4/16/2012	<1.8	U		<1.8	U		<1.8	U		<1.6	U		<2.2	U		<2.1	U		<2.1	U		<6.7	U	
		VMP-32-30-072012	7/20/2012	<3.8	U		<3.8	U		<3.8	U		<3.4	U		<4.4	U		<4.4	U		<4.4	U		<14	U	
		VMP-32-30-101812	10/18/2012	<0.22	U		<0.22	U		<0.22	U		<0.19	U		<0.25	U		<0.25	U		<0.25	U		<0.79	U	
		VMP-32-30-020513	2/5/2013	<0.22	U		<0.22	U		<0.22	U		0.1	J		<0.26	U		<0.26	U		<0.26	U		<0.81	U	
		VMP-32-30-050713	5/7/2013	<5.7	U		<5.7	U		<5.7	U		<50	U		<6.7	U		<6.6	U		<6.6	U		<21	U	
		VMP-32-30-080213	8/2/2013	<0.9	U		<0.9	U		<0.9	U		<0.78	U		<1	U		<1	U		<1	U		<3.2	U	UJ
		VMP-32-30-110813	11/8/2013	<0.28	U		<0.28	U		<0.28	U		<0.25	U		<0.33	U		<0.33	U		<0.33	U		<1	U	
		VMP-32-30-022814	2/28/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-32-30-022814-Dup	2/28/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-32-30-050114	5/1/2014	<0.61	U		<0.61	U		<0.61	U		<0.54	U		<0.71	U		<0.7	U		<0.7	U		<2.2	U	
		VMP-32-30-081314	8/13/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-32-30-081314-DUP	8/13/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-32-30-110714	11/7/2014	<0.01	U		<0.01	U		<0.01	U		<0.092	U		<0.012	U		<0.012	U		<0.012	U		<0.038	U	
		VMP-32-30-110714-DUP	11/7/2014	<0.012	U		<0.012	U		<0.012	U		<0.1	U		<0.014	U		<0.013	U		<0.013	U		<0.043	U	
		VMP-32-30-021015	2/10/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-32-30-050515	5/5/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-32-30-073115	7/31/2015	<0.0055	U	UJ	<0.0055	U	UJ	<0.0055	U	UJ	<0.048	U	UJ	<0.0064	U	UJ	<0.0063	U	UJ	<0.0063	U	UJ	<0.02	U	UJ
		VMP-32-30-073115-DUP	7/31/2015	<0.0062	U	UJ	<0.0062	U	UJ	<0.0062	U	UJ	<0.054	U	UJ	<0.0072	U	UJ	<0.007	U	UJ	<0.007	U	UJ	<0.022	U	UJ
		VMP-32-30-082415	8/24/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-32-30-082415-DUP	8/24/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-32-30-110415	11/4/2015	<0.0058	U		<0.0058	U		<0.0058	U		0.0076	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-32-30-020216	2/2/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-32-30-042716	4/27/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-32-30-072616	7/26/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.0016	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-32-30-102716	10/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	J	U	<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-41-10-100912	10/9/2012	<0.0059	U		<0.0059	U		<0.0059	U		0.0023	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-41-10-012913	1/29/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-41-10-043013	4/30/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-41-10-080213	8/2/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-41-10-102913	10/29/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-41-10-021114	2/11/2014	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-41-10-042214	4/22/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-41-10-073114	7/31/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-41-10-102814	10/28/2014	<0.0049	U		<0.0049	U		<0.0049	U		0.0043	J		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-41-10-020415	2/4/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-41-10-020415-DUP	2/4/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-41-10-043015	4/30/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-41-10-072815	7/28/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-41-10-110215	11/2/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0045	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-41-10-012716	1/27/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-41-10-050216	5/2/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-41-10-072816	7/28/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.012	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-41-10-102416	10/24/2016	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
	20 ft	VMP-41-20-072712	7/27/2012	<0.0037	U		<0.0037	U		<0.0037	U		<0.032	J	U	<0.0043	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-41-20-072712-Dup	7/27/2012	<0.0038	U		<0.0038	U		<0.0038	U		<0.033	J	U	<0.0044	U		<0.0043	U		<0.0043	U		<0.014	U	
		VMP-41-20-100912	10/9/2012	<0.0057	U		<0.0057	U		<0.0057	U		0.0042	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-41-20-100912-Dup	10/9/2012	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	J	U	<0.021	U	
		VMP-41-20-012913	1/29/2013	<0.006	U		<0.006	U		<0.006	U		<0.053	J	U	<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-41-20-043013	4/30/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	J	U	<0.02	U	
		VMP-41-20-043013-Dup	4/30/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-41-20-080213	8/2/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-41-20-102913	10/29/2013	<0.0055	U		<0.0055	U		<0.0055	U		0.00058	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-41-20-021114	2/11/2014	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-41-20-042214	4/22/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-41-20-073114	7/31/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-41-20-102814	10/28/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-41-20-020415	2/4/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-41-20-043015	4/30/2015	<0.12	U		<0.12	U		<0.12	U		<0.11	U		<0.14	U		<0.14	U		<0.14	U		<0.45	U	
		VMP-41-20-072815	7/28/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0027	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-41-20-110215	11/3/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0052	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-41-20-012716	1/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-41-20-050216	5/2/2016	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-41-20-072816	7/28/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-41-20-102416	10/24/2016	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	26 ft	VMP-41-30-100912	10/9/2012	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	J	U	<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-41-30-012913	1/29/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-41-30-043013	4/30/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-41-30-080213	8/2/2013	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-41-30-102913	10/29/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-41-30-021114	2/11/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-41-30-021114-Dup	2/11/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-41-30-042214	4/22/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-41-30-073114	7/31/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-41-30-102814	10/28/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-41-30-020415	2/4/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-41-30-043015	4/30/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-41-30-043015-DUP	4/30/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-41-30-110215	11/2/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0032	J		<0.0062	U		<0.0061	U		<0.0061	U		0.0023	J	
		VMP-41-30-110215-DUP	11/2/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.0046	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-41-30-012716	1/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-41-30-012716-DUP	1/27/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-41-30-050216	5/2/2016	<0.0053	U		0.0012	J		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-41-30-072816	7/28/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-41-30-072816-DUP	7/28/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-41-26-102416	10/24/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	J	U	<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-41-30-072712	7/27/2012	<0.0038	U		<0.0038	U		<0.0038	U		<0.033	J	U	<0.0044	U		<0.0043	U		<0.0043	U		<0.014	U	
		VMP-41-30-072815	7/28/2015	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	<0.0034	U		<0.0034	U		<0.0034	U		0.0012	J		<0.004	U		<0.0039	U		<0.0039	U		<0.012	U	
		VMP-42-10-041812-Dup	4/18/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.03	J	U	<0.004	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-42-10-071912	7/19/2012	<0.0038	U		<0.0038	U		<0.0038	U		0.003	J		<0.0044	U		<0.0043	U		<0.0043	U		<0.014	U	
		VMP-42-10-101212	10/12/2012	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	J	U	<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-42-10-013113	1/31/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-42-10-043013	4/30/2013	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-42-20-043013	4/30/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-42-10-080213	8/2/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-42-10-102913	10/29/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-42-10-020714	2/7/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-42-10-042214	4/22/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-42-10-080614	8/6/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-42-10-110414	11/4/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-42-10-020315	2/3/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-42-10-042915	4/29/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-42-10-072115	7/21/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-42-10-102715	10/27/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	J	U	<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-42-10-020116	2/1/2016	<0.0047	U		<0.0047	U		<0.0047	U		0.0028	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-42-10-042616	4/26/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-42-10-072616	7/26/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-42-10-102716	10/27/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
	20 ft	VMP-42-20-041812	4/18/2012	<1.8	U		<1.8	U		<1.8	U		1.6	J		<2.1	U		<2	U		<2	U		<6.4	U	
		VMP-42-20-071912	7/19/2012	<0.0037	U		<0.0037	U		<0.0037	U		0.0029	J		<0.0043	U		<0.0042	U		<0.0042	J	U	<0.013	U	
		VMP-42-20-101212	10/12/2012	<0.0054	U		<0.0054	U		<0.0054	U		0.02	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-42-20-101212-Dup	10/12/2012	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-42-20-013113	1/31/2013	<0.0051	U		<0.0051	U		<0.0051	U		0.0053	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-42-20-080213	8/2/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-42-20-102913	10/29/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-42-20-020714	2/7/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0057	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-42-20-042214	4/22/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-42-20-080614	8/6/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-42-20-110414	11/4/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-42-20-020315	2/3/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-42-20-042915	4/29/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-42-20-072115	7/21/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-42-20-102715	10/27/2015	<0.006	U		<0.006	U		<0.006	U		0.0082	J		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-42-20-020116	2/1/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-42-20-042616	4/26/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-42-20-072616	7/26/2016	<0.0059	U		<0.0059	U		<0.0059	U		0.002	J		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-42-20-102676	10/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
	30 ft	VMP-42-30-041912	4/19/2012	<3.7	U		<3.7	U		<3.7	U		<3.2	U		<4.3	U		<4.2	U		<4.2	U		<13	U	
		VMP-42-30-071912	7/19/2012	<0.0035	U		<0.0035	U		<0.0035	U		<0.03	U		<0.004	U		<0.004	U		<0.004	U		<0.013	U	
		VMP-42-30-101212	10/12/2012	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-42-30-101212-Dup	10/12/2012	<0.0057	U		<0.0057	U		<0.0057	U		0.0037	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-42-30-013113	1/31/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-42-30-043013	4/30/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-42-30-080213	8/2/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-42-30-102913	10/29/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		0.00063	J	
		VMP-42-30-102913-Dup	10/29/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-42-30-020714	2/7/2014	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-42-30-020714-Dup	2/7/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-42-30-042214	4/22/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-42-30-042214-Dup	4/22/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-42-30-080614	8/6/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-42-30-110414	11/4/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-42-30-020315	2/3/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-42-30-042915	4/29/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-42-30-080315	8/3/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-42-30-080315-DUP	8/3/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.0037	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-42-30-102715	10/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-42-30-020116	2/1/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-42-30-042616	4/26/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0074	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-42-30-072616	7/26/2016	<0.005	U		<0.005	U		<0.005	U		0.0064	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-42-30-102716	10/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-42-30-102716-Dup	10/27/2016	<0.01	U		<0.01	U		<0.01	U		<0.088	U		<0.012	U		<0.011	U		<0.011	U		<0.036	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	<0.0039	U		<0.0039	U		<0.0039	U		<0.034	J	U	<0.0045	U		<0.0044	U		<0.0044	J	U	<0.014	U	
		VMP-43-10-071912	7/19/2012	<0.0074	U		<0.0074	U		<0.0074	U		<0.065	J	U	<0.0086	U		<0.0085	U		<0.0085	U		<0.027	U	
		VMP-43-10-101612	10/16/2012	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0074	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-43-10-051713	5/17/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	J	U	<0.0071	U		<0.007	U		<0.007	J	U	<0.022	U	
		VMP-43-10-080913	8/9/2013	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-43-10-111313	11/13/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-43-10-022714	2/27/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-43-10-050514	5/5/2014	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-43-10-080614	8/6/2014	<0.0052	U	UJ	<0.0052	U	UJ	<0.0052	U	UJ	<0.046	U	UJ	<0.006	U	UJ	<0.0059	U	UJ	<0.0059	U	UJ	<0.019	U	UJ
		VMP-43-10-021015	2/10/2015	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-43-10-050515	5/5/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-43-10-072115	7/21/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0036	J		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-43-10-102915	10/29/2015	<0.0061	U		<0.0061	U		<0.0061	U		0.0063	J		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-43-10-020116	2/1/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-43-10-042716	4/27/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-43-10-072716	7/27/2016	<0.0051	U		<0.0051	U		<0.0051	U		0.0027	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-43-10-102616	10/26/2016	<0.0045	U		<0.0045	U		<0.0045	U		0.0054	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
	20 ft	VMP-43-20-041612	4/16/2012	<0.038	U		<0.038	U		<0.038	U		<0.033	U		<0.044	U		<0.043	U		<0.043	U		<0.14	U	
		VMP-43-20-071912	7/19/2012	<0.014	U		<0.014	U		<0.014	U		0.003	J		<0.016	U		<0.016	U		<0.016	U		<0.05	U	
		VMP-43-20-101812	10/18/2012	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-43-20-012413	1/24/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-43-20-043013	4/30/2013	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	J	U	<0.023	U	
		VMP-43-20-080913	8/9/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	J	U	<0.0071	U		<0.007	U		<0.007	J	U	<0.022	U	
		VMP-43-20-102913	10/29/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-43-20-022714	2/27/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-43-20-081314	8/13/2014	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-43-20-110614	11/6/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-43-20-021215	2/12/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-43-20-021215-DUP	2/12/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-43-20-050515	5/5/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-43-20-072115	7/21/2015	<0.0067	U		<0.0067	U		<0.0067	U		<0.058	U		<0.0078	U		<0.0076	U		<0.0076	U		<0.024	U	
		VMP-43-20-102915	10/29/2015	<0.0048	U		<0.0048	U		<0.0048	U		0.0037	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-43-20-102915-DUP	10/29/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0041	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-43-20-020116	2/1/2016	<0.0084	U		<0.0084	U		<0.0084	U		<0.073	U		<0.0098	U		<0.0096	U		<0.0096	U		<0.03	U	
		VMP-43-20-042716	4/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-43-20-072716	7/27/2016	<0.0058	U		<0.0058	U		<0.0058	U		0.0022	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-43-20-102616	10/26/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	30 ft	VMP-43-30-042312	4/23/2012	<0.035	U		<0.035	U		<0.035	U		<0.03	U		<0.04	U		<0.04	U		<0.04	U		<0.13	U	
		VMP-43-30-071912	7/19/2012	<0.0038	U		<0.0038	U		<0.0038	U		0.0022	J		<0.0044	U		<0.0043	U		<0.0043	U		<0.014	U	
		VMP-43-30-101812	10/18/2012	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-43-30-012413	1/24/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-43-30-043013	4/30/2013	<0.006	U		<0.006	U		<0.006	U		<0.053	J	U	<0.007	U		<0.0069	U		<0.0069	J	U	<0.022	U	
		VMP-43-30-080913	8/9/2013	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-43-30-102913	10/29/2013	<0.0048	U		<0.0048	U		<0.0048	U		0.00065	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-43-30-022714	2/27/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-43-30-022714-Dup	2/27/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-43-30-042214	4/22/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-43-30-080614	8/6/2014	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-43-30-050515	5/5/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-43-30-050515-DUP	5/5/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-43-30-072115	7/21/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-43-30-102915	10/29/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-43-30-020116	2/1/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-43-30-042716	4/27/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-43-30-042716-DUP	4/27/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-43-30-072716	7/27/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.0019	J		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-43-30-102616	10/26/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-43-30-102616-Dup	10/26/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	<1.8	U		<1.8	U		<1.8	U		<1.6	U		<2.1	U		<2.1	U		<2.1	U		<6.6	U	
		VMP-44-10-072012	7/20/2012	<0.61	U		<0.61	U		<0.61	U		<0.53	U		<0.71	U		<0.7	U		<0.7	U		<2.2	U	
		VMP-44-10-081012	8/10/2012	<0.36	U		<0.36	U		<0.36	U		<0.32	U		<0.42	U		<0.42	U		<0.42	U		<1.3	U	
		VMP-44-10-101212	10/12/2012	<1.1	U		<1.1	U		<1.1	U		<0.98	U		<1.3	U		<1.3	U		<1.3	U		<4.1	U	
		VMP-44-10-012513	1/25/2013	<0.46	U		<0.46	U		<0.46	U		0.077	J		<0.53	U		<0.52	U		<0.52	U		<1.6	U	
		VMP-44-10-042913	4/29/2013	<0.42	U		<0.42	U		<0.42	U		<3.7	U		<0.49	U		<0.48	U		<0.48	U		<1.5	U	
		VMP-44-10-080213	8/2/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-44-10-082313-R	8/23/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-44-10-111113	11/11/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-44-10-022814	2/28/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-44-10-043014	4/30/2014	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-44-10-080614	8/6/2014	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-44-10-110414	11/4/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-44-10-020415	2/4/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-44-10-050115	5/1/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-44-10-072415	7/24/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-44-10-102815	10/28/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	J	U	<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-44-10-012516	1/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-44-10-042816	4/28/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-44-10-072716	7/27/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-44-10-102716	10/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	20 ft	VMP-44-20-041912	4/19/2012	<0.4	U		<0.4	U		<0.4	U		<0.35	U		<0.46	U		<0.46	U		<0.46	U		<1.4	U	
		VMP-44-20-072512	7/25/2012	<0.68	U		<0.68	U		<0.68	U		<0.6	U		<0.79	U		<0.78	U		<0.78	U		<2.5	U	
		VMP-44-20-101212	10/12/2012	<2.3	U		<2.2	U		<2.2	U		<2	U		<2.6	U		<2.6	U		<2.6	U		<8.2	U	
		VMP-44-20-012513	1/25/2013	<0.16	U		<0.16	U		<0.16	U		0.036	J		<0.19	U		<0.19	U		<0.19	U		<0.6	U	
		VMP-44-20-042913	4/29/2013	<0.19	U		<0.19	U		<0.19	U		<1.6	U		<0.22	U		<0.22	U		<0.22	U		<0.68	U	
		VMP-44-20-081313	8/13/2013	<0.012	U		<0.012	U		<0.012	U		<0.1	U		<0.014	U		<0.013	U		<0.013	U		<0.043	U	
		VMP-44-20-111113	11/11/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-44-20-022814	2/28/2014	<0.0053	U		<0.0053	U		<0.0053	U		0.0023	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-44-20-043014	4/30/2014	<0.0093	U		0.0026	J		<0.0093	U		<0.081	U		<0.011	U		<0.011	U		<0.011	U		<0.034	U	
		VMP-44-20-080614	8/6/2014	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-44-20-110414	11/4/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-44-20-020415	2/4/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-44-20-051115	5/11/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-44-20-072415	7/24/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-44-20-102815	10/28/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-44-20-020216-R	2/2/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-44-20-042816	4/28/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.056	U		<0.0074	U		<0.0073	U		<0.0073	U		<0.023	U	
		VMP-44-20-072716	7/27/2016	<0.0065	U		<0.0065	U		<0.0065	U		0.0038	J		<0.0076	U		<0.0074	U		<0.0074	U		<0.024	U	
		VMP-44-20-102716	10/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	30 ft	VMP-44-30-041912	4/19/2012	<0.23	U		<0.23	U		<0.23	U		<0.2	U		<0.27	U		<0.26	U		<0.26	U		<0.84	U	
		VMP-44-30-072512	7/25/2012	<0.039	U		<0.039	U		<0.039	U		<0.034	U		<0.045	U		<0.044	U		<0.044	U		<0.14	U	
		VMP-44-30-072512-Dup	7/25/2012	<0.039	U		<0.039	U		<0.039	U		<0.034	U		<0.045	U		<0.044	U		<0.044	U		<0.14	U	
		VMP-44-30-101512	10/15/2012	<0.24	U		<0.24	U		<0.24	U		<2.1	U		<0.28	U		<0.27	U		<0.27	U		<0.87	U	
		VMP-44-30-101512-Dup	10/15/2012	<0.22	U		<0.22	U		<0.22	U		<2	U		<0.26	U		<0.26	U		<0.26	U		<0.81	U	
		VMP-44-30-012513	1/25/2013	<0.058	U	UJ	<0.058	U	UJ	<0.058	U	UJ	<0.05	J	UJ	<0.067	U	UJ	<0.066	U	UJ	<0.066	U	UJ	<0.21	U	UJ
		VMP-44-30-043013	4/30/2013	<0.02	U		<0.02	U		<0.02	U		<0.18	J	U	<0.024	U		<0.023	U		<0.023	U		<0.074	U	
		VMP-44-30-081313	8/13/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-44-30-111113	11/11/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-44-30-022814	2/28/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-44-30-043014	4/30/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-44-30-080614	8/6/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-44-30-110414	11/4/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-44-30-020415	2/4/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-44-30-051115	5/11/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-44-30-072415	7/24/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	J	U	<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-44-30-102815	10/28/2015	<0.006	U		<0.006	U		<0.006	U		0.0052	J		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-44-30-012516	1/25/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-44-30-050516	5/5/2016	<0.0069	U		<0.0069	U		<0.0069	U		0.0021	J		<0.008	U		<0.0079	U		<0.0079	U		<0.025	U	
		VMP-44-30-072716	7/27/2016	<0.0061	U		0.0013	J		<0.0061	U		0.0035	J		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-44-30-102716	10/27/2016	<0.0049	U		<0.0049	U		<0.0049	U		0.0068	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	<0.0036	U		<0.0036	U		<0.0036	U		<0.032	J	U	<0.0042	U		<0.0042	U		<0.0042	U		<0.013	U	
		VMP-45-10-071912	7/19/2012	<0.0037	U		<0.0037	U		<0.0037	U		<0.032	J	U	<0.0043	U		<0.0042	U		<0.0042	U		0.0034	J	
		VMP-45-10-101512	10/15/2012	<0.0058	U		<0.0058	U		<0.0058	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-45-10-013013	1/30/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-45-10-042913	4/29/2013	<0.0057	U		<0.0057	U		<0.0057	U		0.0051	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-45-10-080513	8/5/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-45-10-102913	10/29/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		0.001	J	
		VMP-45-10-020714	2/7/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-45-10-042214	4/22/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-45-10-080114	8/1/2014	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-45-10-102414	10/24/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-45-10-020615	2/6/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-45-10-051215	5/12/2015	<0.0051	U		<0.0051	U		<0.0051	U	UJ	<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-45-10-072115	7/21/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-45-10-102815	10/28/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.003	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-45-10-030916-R	3/9/2016	<0.0053	U		<0.0053	U		<0.0053	U		0.004	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-45-10-042816	4/28/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-45-10-082616	8/26/2016	<0.0044	U		<0.0044	U		<0.0044	U		0.002	J		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-45-10-102816	10/28/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
	20 ft	VMP-45-20-041912	4/19/2012	<0.23	U		<0.22	U		<0.22	U		<0.2	U		<0.26	U		<0.26	U		<0.26	U		<0.82	U	
		VMP-45-20-071912	7/19/2012	<0.07	U		<0.07	U		<0.07	U		0.6	J		<0.082	U		<0.081	U		<0.081	U		<0.26	U	
		VMP-45-20-101512	10/15/2012	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-45-20-013013	1/30/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-45-20-042913	4/29/2013	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-45-20-042913-Dup	4/29/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	J	U	<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-45-20-080513	8/5/2013	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-45-20-102913	10/29/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-45-20-020714	2/7/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-45-20-042214	4/22/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-45-20-080114	8/1/2014	0.02			<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-45-20-102414	10/24/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-45-20-020615	2/6/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-45-20-042915	4/29/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-45-20-072115	7/21/2015	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0074	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-45-20-102815	10/28/2015	<0.0048	U		<0.0048	U		<0.0048	U		0.0037	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-45-20-012516	1/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-45-20-042816	4/28/2016	<0.0042	U		0.0008	J		<0.0042	U		<0.037	U		<0.0049	U		<0.0048	U		<0.0048	U		<0.015	U	
		VMP-45-20-072716	7/27/2016	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-45-20-102816	10/28/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
	30 ft	VMP-45-30-041912	4/19/2012	<0.15	U		<0.15	U		<0.15	U		<0.13	U		<0.18	U		<0.17	U		<0.17	U		<0.55	U	
		VMP-45-30-071912	7/19/2012	<0.038	U		<0.038	U		<0.038	U		<0.033	U		<0.044	U		<0.043	U		<0.043	U		<0.14	U	
		VMP-45-30-101512	10/15/2012	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-45-30-101512-Dup	10/15/2012	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-45-30-013013	1/30/2013	<0.0096	U		<0.0096	U		<0.0096	U		<0.084	U		<0.011	U		<0.011	U		<0.011	U		<0.035	U	
		VMP-45-30-042913	4/29/2013	<0.012	U		<0.012	U		<0.012	U		<0.1	U		<0.014	U		<0.013	U		<0.013	U		<0.042	U	
		VMP-45-30-080513	8/5/2013	<0.024	U		<0.024	U		<0.024	U		<0.21	U		<0.028	U		<0.027	U		<0.027	U		<0.086	U	
		VMP-45-30-102913	10/29/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-45-30-020714	2/7/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-45-30-042214	4/22/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-45-30-080114	8/1/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-45-30-102414	10/24/2014	<0.0058	U		<0.0058	U		<0.0058	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-45-30-111214-R	11/12/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-45-30-020615	2/6/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-45-30-020615-DUP	2/6/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-45-30-042915	4/29/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-45-30-072115	7/21/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-45-30-072115-DUP	7/21/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-45-30-102815	10/28/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0036	J		<0.0055	U		<0.0054	U		<0.0054	U		0.011	J	
		VMP-45-30-012516	1/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-45-30-042816	4/28/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-45-30-042816-DUP	4/28/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-45-30-072716	7/27/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		0.0067	J	
		VMP-45-30-102816	10/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-47-5-012313-R	1/23/2013	<19	U		<19	U		<19	U		<17	U		<22	U		<22	U		<22	U		<70	U	
		VMP-47-5-060513	6/5/2013	<12	U		<12	U		<12	U		<11	U		<14	U		<14	U		<14	U		<45	U	
		VMP-47-5-072613	7/26/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		0.0014	J		<0.019	U	
		VMP-47-5-110813	11/8/2013	<0.036	U		<0.036	U		<0.036	U		<0.31	U		<0.042	U		<0.041	U		<0.041	U		<0.13	U	
		VMP-47-5-021814	2/18/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-47-5-042914	4/29/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-47-5-081314	8/13/2014	<0.012	U		<0.012	U		<0.012	U		<0.11	U		<0.014	U		<0.014	U		<0.014	U		<0.044	U	
		VMP-47-5-093014-R	9/30/2014	<0.0048	U		<0.0048	U		<0.0048	U		0.0025	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-47-5-102814	10/28/2014	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-47-5-020215	2/2/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-47-5-042815	4/28/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-47-5-072115	7/21/2015	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-47-5-102715	10/27/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	J	U	<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-47-5-012916	1/29/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-47-5-042516	4/25/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-47-5-072516	7/25/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-47-5-102616	10/26/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
	10 ft	VMP-47-10-012113	1/21/2013	<0.0055	U		<0.0055	U		<0.0055	U		0.0037	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-47-10-012313-R	1/23/2013	<0.48	U		<0.48	U		<0.48	U		<0.42	U		<0.56	U		<0.55	U		<0.55	U		<1.7	U	
		VMP-47-10-060513	6/5/2013	<11	U		<11	U		<11	U		<10	U		<13	U		<13	U		<13	U		<42	U	
		VMP-47-10-072613	7/26/2013	<5.3	U		<5.3	U		<5.3	U		1.7	J		<6.2	U		<6.1	U		<6.1	U		<19	U	
		VMP-47-10-110813	11/8/2013	<0.022	U		<0.022	U		<0.022	U		<0.19	U		<0.026	U		<0.025	U		<0.025	U		<0.08	U	
		VMP-47-10-021814	2/18/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-47-10-042914	4/29/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-47-10-073114	7/31/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-47-10-102814	10/28/2014	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-47-10-020215	2/2/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-47-10-042815	4/28/2015	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-47-10-072115	7/21/2015	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-47-10-102715	10/27/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-47-10-012916	1/29/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-47-10-042516	4/25/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-47-10-080216	8/2/2016	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-47-10-102616	10/26/2016	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	20 ft	VMP-47-20-012113	1/21/2013	<5	U		<5	U		<5	U		<4.4	U		<5.8	U		<5.7	U		<5.7	U		<18	U	
		VMP-47-20-012313-R	1/23/2013	<12	U		<12	U		<12	U		<10	U		<14	U		<14	U		<14	U		<43	U	
		VMP-47-20-060513	6/5/2013	<12	U		<12	U		<12	U		<10	U		<13	U		<13	U		<13	U		<42	U	
		VMP-47-20-060513-Dup	6/5/2013	<11	U		<11	U		<11	U		<9.5	U		<13	U		<12	U		<12	U		<39	U	
		VMP-47-20-072613	7/26/2013	<10	U		<10	U		<10	U		2.4	J		<12	U		<11	U		<11	U		<36	U	
		VMP-47-20-110813	11/8/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-47-20-021914	2/19/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-47-20-042914	4/29/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-47-20-073114	7/31/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-47-20-102814	10/28/2014	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-47-20-020215	2/2/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-47-20-042815	4/28/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-47-20-072115	7/21/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-47-20-102715	10/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-47-20-012916	1/29/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.0022	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-47-20-042516	4/25/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-47-20-072516	7/25/2016	<0.0057	U		<0.0057	U		<0.0057	U		0.017	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-47-20-102616	10/26/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	30 ft	VMP-47-30-012113	1/21/2013	<3.6	U		<3.6	U		<3.6	U		<3.2	U		<4.2	U		<4.2	U		<4.2	U		<13	U	
		VMP-47-30-012313-R	1/23/2013	<19	U		<19	U		<19	U		<16	U		<22	U		<22	U		<22	U		<69	U	
		VMP-47-30-060513	6/5/2013	<12	U		<12	U		<12	U		<10	U		<13	U		<13	U		<13	U		<42	U	
		VMP-47-30-072613	7/26/2013	<21	U		<21	U		<21	U		5.8	J		<24	U		<24	U		<24	U		<76	U	
		VMP-47-30-110813	11/8/2013	<0.051	U		<0.051	U		<0.051	U		<0.45	U		<0.06	U		<0.058	U		<0.058	U		<0.18	U	
		VMP-47-30-021914	2/19/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-47-30-042914	4/29/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-47-30-042914-Dup	4/29/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-47-30-073114	7/31/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-47-30-073114-Dup	7/31/2014	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-47-30-102814	10/28/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-47-30-102814-DUP	10/28/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-47-30-020215	2/2/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-47-30-020215-DUP	2/2/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-47-30-042815	4/28/2015	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-47-30-042815-DUP	4/28/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		0.006	J	
		VMP-47-30-072115	7/21/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-47-30-102715	10/27/2015	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	J	U	<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-47-30-102715-DUP	10/27/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	J	U	<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-47-30-012916-DUP	1/29/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-47-30-042516	4/25/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-47-30-042516-DUP	4/25/2016	<0.0066	U		<0.0066	U		<0.0066	U		<0.058	U		<0.0077	U		<0.0076	U		<0.0076	U		<0.024	U	
		VMP-47-30-072516	7/25/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-47-30-102616	10/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	J	U	<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-48-5-050313	5/3/2013	<0.0053	U		<0.0053	U		<0.0053	U		0.00086	J		<0.0062	U		<0.0061	U		<0.0061	J	U	<0.019	U	
		VMP-48-5-080613	8/6/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-48-5-110513	11/5/2013	<0.0052	U		<0.0052	U		<0.0052	U		0.00067	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-48-5-022814	2/28/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-48-5-042814	4/28/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-48-5-080114	8/1/2014	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-48-05-102914	10/29/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-48-5-020215	2/2/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-48-5-042815	4/28/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-48-5-072115	7/21/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-48-5-102015	10/20/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-48-5-012916	1/29/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.055	U		<0.0073	U		<0.0071	U		<0.0071	U		<0.023	U	
		VMP-48-5-042516	4/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-48-5-072516	7/25/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-48-5-102616	10/26/2016	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
	10 ft	VMP-48-10-020113	2/1/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-48-10-050813	5/8/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-48-10-080613	8/6/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-48-10-103113	10/31/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-48-10-021814	2/18/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-48-10-042814	4/28/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-48-10-080114	8/1/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-48-10-102914	10/29/2014	0.027			<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-48-10-020215	2/2/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-48-10-042815	4/28/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0061	U		<0.0061	U		<0.02	U	
		VMP-48-10-042815-DUP	4/28/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-48-10-072115	7/21/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-48-10-102015	10/20/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-48-10-012916	1/29/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-48-10-042516	4/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-48-10-072516	7/25/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-48-10-102616	10/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	20 ft	VMP-48-20-020113	2/1/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-48-20-103113	10/31/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		0.00075	J	
		VMP-48-20-021814	2/18/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-48-20-042814	4/28/2014	<0.0056	U		<0.0056	U		<0.0056	U	UJ	<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-48-20-080114	8/1/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-48-20-102914	10/29/2014	<0.0055	U	UJ	<0.0055	U	UJ	<0.0055	U	UJ	<0.048	U	UJ	<0.0064	U	UJ	<0.0063	U	UJ	<0.0063	U	UJ	<0.02	U	UJ
		VMP-48-20-111814-R	11/18/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-48-20-020215	2/2/2015	<0.0045	U		<0.0045	U		<0.0045	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-48-20-042815	4/28/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-48-20-102015	10/20/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-48-20-042516	4/25/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-48-20-102616	10/26/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-48	30 ft	VMP-48-30-020113	2/1/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-48-30-020113-DUP	2/1/2013	<0.021	U		<0.021	U		<0.021	U		<0.18	U		<0.024	U		<0.024	U		<0.024	U		<0.075	U	
		VMP-48-30-050313	5/3/2013	<0.0049	U		<0.0049	U		<0.0049	U		0.0034	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-48-30-080613	8/6/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-48-30-110513	11/5/2013	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-48-30-021814	2/18/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-48-30-042814	4/28/2014	<0.0055	U		<0.0055	U		<0.0055	U	UJ	<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-48-30-042814-DUP	4/28/2014	<0.0052	U		<0.0052	U		<0.0052	U	UJ	<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-48-30-080114	8/1/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-48-30-080114-Dup	8/1/2014	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-48-30-102914	10/29/2014	<0.0056	U	UJ	<0.0056	U	UJ	<0.0056	U	UJ	0.0066	J	J	<0.0065	U	UJ	<0.0064	U	UJ	<0.0064	U	UJ	<0.02	U	UJ
		VMP-48-30-111814-R	11/18/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-48-30-020215	2/2/2015	<0.004	U		<0.004	U		<0.004	U		<0.035	U		<0.0046	U		<0.0046	U		<0.0046	U		<0.014	U	
		VMP-48-30-042815	4/28/2015	<0.0059	U		0.047			0.0064			<0.051	U		0.003	J		0.0019	J		0.0017	J		<0.021	U	
		VMP-48-30-080315	8/3/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-48-30-102015	10/20/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-48-30-102015-DUP	10/20/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-48-30-012916	1/29/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-48-30-042516	4/25/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-48-30-042516-DUP	4/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-48-30-072516	7/25/2016	<0.0049	U		<0.0049	U		<0.0049	U		0.021	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-48-30-102616	10/26/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-48-30-102616-Dup	10/26/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-49-5-050713	5/7/2013	<0.0064	U		<0.0064	U		<0.0064	U		<0.056	U		<0.0074	U		<0.0073	U		<0.0073	U		<0.023	U	
		VMP-49-5-080613	8/6/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-49-5-111113	11/11/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-49-5-021814	2/18/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-49-5-042814	4/28/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-49-5-080114	8/1/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-49-5-102914	10/29/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-49-5-102914-DUP	10/29/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-49-5-020215	2/3/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-49-5-042815	4/28/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-49-5-073015	7/30/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0029	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-49-5-110315	11/3/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0074	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-49-5-020116	2/1/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-49-5-042616	4/26/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-49-5-080116	8/1/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-49-5-102716	10/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	10 ft	VMP-49-10-020113	2/1/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-49-10-050713	5/7/2013	<0.0054	U		<0.0054	U		<0.0054	U		0.0018	J		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-49-10-050713-Dup	5/7/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	J	U	<0.022	U	
		VMP-49-10-080613	8/6/2013	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U		<0.022	U	
		VMP-49-10-103113	10/31/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-49-10-021814	2/18/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-49-10-042814	4/28/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-49-10-080114	8/1/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-49-10-102914	10/29/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-49-10-020215	2/3/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-49-10-042815	4/28/2015	<0.0073	U		<0.0073	U		<0.0073	U	UJ	<0.064	U		<0.0085	U		<0.0084	U		<0.0084	U		<0.027	U	
		VMP-49-10-073015	7/30/2015	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-49-10-110315	11/3/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.003	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-49-10-020116	2/1/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-49-10-042616	4/26/2016	<0.0064	U		<0.0064	U		<0.0064	U		<0.056	U		<0.0074	U		<0.0073	U		<0.0073	U		<0.023	U	
		VMP-49-10-080116	8/1/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-49-10-102716	10/27/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	20 ft	VMP-49-20-020113	2/1/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	J	U	<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-49-20-050913	5/9/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-49-20-080613	8/6/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-49-20-080613-Dup	8/6/2013	<0.0057	U		<0.0057	U		<0.0057	U		0.0012	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-49-20-111113	11/11/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-49-20-021814	2/18/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-49-20-042814	4/28/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-49-20-080114	8/1/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-49-20-102914	10/29/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-49-20-020215	2/3/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-49-20-073015	7/30/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.0051	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-49-20-110315	11/3/2015	<0.0048	U		<0.0048	U		<0.0048	U		0.014	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-49-20-020116	2/1/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-49-20-042616	4/26/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-49-20-080116	8/1/2016	<0.0051	U		<0.0051	U		<0.0051	U		0.0042	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-49-20-102716	10/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	30 ft	VMP-49-30-020113	2/1/2013	<0.24	U		<0.24	U		<0.24	U		0.24	J		<0.28	U		<0.28	U		<0.28	U		<0.89	U	
		VMP-49-30-050813	5/8/2013	<0.51	U		<0.51	U		<0.51	U		<4.5	U		<0.6	U		<0.59	U		<0.59	U		<1.9	U	
		VMP-49-30-080613	8/6/2013	<0.5	U		<0.5	U		<0.5	U		<0.44	U		<0.58	U		<0.57	U		<0.57	U		<1.8	U	UJ
		VMP-49-30-111113	11/11/2013	<0.16	U		<0.16	U		<0.16	U		<1.4	U		<0.19	U		<0.19	U		<0.19	U		<0.6	U	
		VMP-49-30-021814	2/18/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-49-30-021814-Dup	2/18/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-49-30-042814	4/28/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-49-30-080114	8/1/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-49-30-102914	10/29/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-49-30-020215	2/3/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-49-30-042815	4/28/2015	<0.006	U		<0.006	U		<0.006	U	UJ	<0.053	U		<0.007	U		<0.0069	U		<0.0069	J	U	<0.022	U	
		VMP-49-30-073015	7/30/2015	<0.74	U		<0.74	U		<0.74	U		<0.65	U		<0.86	U		<0.85	U		<0.85	U		<2.7	U	
		VMP-49-30-073015-DUP	7/30/2015	<0.72	U		<0.72	U		<0.72	U		<0.63	U		<0.84	U		<0.83	U		<0.83	U		<2.6	U	
		VMP-49-30-110315	11/3/2015	<0.0053	U		<0.0053	U		<0.0053	U		0.003	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-49-30-110315-DUP	11/3/2015	<0.0049	U		<0.0049	U		<0.0049	U		0.0043	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-49-30-020116	2/1/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-49-30-020116-DUP	2/1/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-49-30-042716	4/27/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-49-30-042716-DUP	4/27/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-49-30-080116	8/1/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-49-30-080116-DUP	8/1/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-49-30-102716	10/27/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-50-5-050713	5/7/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	J	U	<0.02	U	
		VMP-50-5-080713	8/7/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-50-5-110713	11/7/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-50-5-022614	2/26/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-50-5-043014	4/30/2014	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-50-5-081414	8/14/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-50-5-110614	11/6/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-50-5-021015	2/10/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-50-5-050515	5/5/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-50-5-073015	7/30/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0034	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-50-5-110315	11/3/2015	<0.0045	U		<0.0045	U		<0.0045	U		0.0082	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-50-5-020216	2/2/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-50-5-050316	5/3/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-50-5-080216	8/2/2016	<0.0071	U		<0.0071	U		<0.0071	U		<0.062	U		<0.0083	U		<0.0082	U		<0.0082	U		<0.026	U	
		VMP-50-5-103116	10/31/2016	<0.009	U		<0.009	U		<0.009	U		<0.079	U		<0.01	U		<0.01	U		<0.01	U		<0.033	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-50	10 ft	VMP-50-10-020113	2/1/2013	<0.0055	U		<0.0055	U		<0.0055	U		0.0019	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-50-10-050713	5/7/2013	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-50-10-080713	8/7/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-50-10-080713-Dup	8/7/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-50-10-110713	11/7/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-50-10-022614	2/26/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-50-10-043014	4/30/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		0.0081	J	
		VMP-50-10-081414	8/14/2014	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0074	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-50-10-110614	11/6/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-50-10-021015	2/10/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-50-10-050515	5/5/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-50-10-073015	7/30/2015	<0.006	U		<0.006	U		<0.006	U		0.0041	J		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-50-10-110315	11/3/2015	<0.005	U		<0.005	U		<0.005	U		0.0044	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-50-10-020216	2/2/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-50-10-050316	5/3/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-50-10-082616	8/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-50-10-103116	10/31/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	20 ft	VMP-50-20-020113	2/1/2013	<0.021	U		<0.021	U		<0.021	U		<0.18	U		<0.025	U		<0.024	U		<0.024	U		<0.077	U	
		VMP-50-20-050713	5/7/2013	<0.041	U		<0.041	U		<0.041	U		<0.36	U		<0.048	U		<0.047	U		<0.047	U		<0.15	U	
		VMP-50-20-080713	8/7/2013	<0.02	U		<0.02	U		<0.02	U		<0.17	U		<0.023	U		<0.023	U		<0.023	U		<0.072	U	
		VMP-50-20-110713	11/7/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-50-20-110713-Dup	11/7/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-50-20-022614	2/26/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-50-20-043014	4/30/2014	<0.0096	U		<0.0096	U		<0.0096	U		<0.084	U		<0.011	U		<0.011	U		<0.011	U		<0.035	U	
		VMP-50-20-081414	8/14/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-50-20-110614	11/6/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-50-20-021015	2/10/2015	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-50-20-050515	5/5/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-50-20-073015	7/30/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0037	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-50-20-110315	11/3/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0059	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-50-20-020216	2/2/2016	<0.0066	U		<0.0066	U		<0.0066	U		<0.058	U		<0.0077	U		<0.0076	U		<0.0076	U		<0.024	U	
		VMP-50-20-050316	5/3/2016	<0.0064	U		<0.0064	U		<0.0064	U		<0.056	U		<0.0074	U		<0.0073	U		<0.0073	U		<0.023	U	
		VMP-50-20-082616	8/26/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-50-20-103116	10/31/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
	30 ft	VMP-50-30-020113	2/1/2013	<5.1	U		<5.1	U		<5.1	U		4.6	J		<6	U		<5.9	U		<5.9	U		<19	U	
		VMP-50-30-050713	5/7/2013	<3	U		<3	U		<3	U		<27	U		<3.6	U		<3.5	U		<3.5	U		<11	U	
		VMP-50-30-080713	8/7/2013	<5.6	U		<5.6	U		<5.6	U		<4.9	U		<6.5	U		<6.4	U		<6.4	U		<20	U	UJ
		VMP-50-30-110713	11/7/2013	<0.9	U		<0.9	U		<0.9	U		<0.79	U		<1	U		<1	U		<1	U		<3.3	U	
		VMP-50-30-022614	2/26/2014	<0.83	U		<0.83	U		<0.83	U		<0.73	U		<0.97	U		<0.95	U		<0.95	U		<3	U	
		VMP-50-30-022614-Dup	2/26/2014	<0.77	U		<0.77	U		<0.77	U		<0.67	U		<0.9	U		<0.88	U		<0.88	U		<2.8	U	
		VMP-50-30-043014	4/30/2014	<2.5	U		<2.5	U		<2.5	U		<22	U		<2.9	U		<2.8	U		<2.8	U		<9.1	U	
		VMP-50-30-043014-DUP	4/30/2014	<2.4	U		<2.4	U		<2.4	U		<22	U		<2.9	U		<2.8	U		<2.8	U		<8.9	U	
		VMP-50-30-081414	8/14/2014	<0.21	U		<0.21	U		<0.21	U		<0.18	U	UJ	<0.24	U		<0.24	U		<0.24	U		<0.76	U	
		VMP-50-30-081414-Dup	8/14/2014	<0.19	U		<0.19	U		<0.19	U		<0.17	U	UJ	<0.22	U		<0.22	U		<0.22	U		<0.7	U	
		VMP-50-30-110614	11/6/2014	<0.49	U		<0.49	U		<0.49	U		<0.43	U		<0.58	U		<0.56	U		<0.56	U		<1.8	U	
		VMP-50-30-110614-DUP	11/6/2014	<0.56	U		<0.56	U		<0.56	U		<0.49	U		<0.65	U		<0.64	U		<0.64	U		<2	U	
		VMP-50-30-021015	2/10/2015	<1.2	U		<1.2	U		<1.2	U		<11	U		<1.4	U		<1.4	U		<1.4	U		<4.5	U	
		VMP-50-30-050515	5/5/2015	<1.2	U		<1.2	U		<1.2	U		<1	U		<1.4	U		<1.3	U		<1.3	U		<4.2	U	
		VMP-50-30-061515-R	6/15/2015	<0.54	U		<0.54	U		<0.54	U		<0.48	U		<0.64	U		<0.62	U		<0.62	U		<2	U	
		VMP-50-30-073015	7/30/2015	<0.78	U		<0.78	U		<0.78	U		<0.68	U		<0.91	U		<0.89	U		<0.89	U		<2.8	U	
		VMP-50-30-110315	11/3/2015	<0.053	U		<0.053	U		<0.053	U		<0.047	U		<0.062	U		<0.061	U		<0.061	U		<0.19	U	
		VMP-50-30-020216	2/2/2016	<1.6	U		<1.6	U		<1.6	U	UJ	<1.4	U		<1.9	U		<1.8	U		<1.8	U		<5.9	U	
		VMP-50-30-020216-DUP	2/2/2016	<1.8	U		<1.8	U		<1.8	U	UJ	<1.6	U		<2.1	U		<2.1	U		<2.1	U		<6.6	U	
		VMP-50-30-050316	5/3/2016	<0.19	U		<0.19	U		<0.19	U		<0.17	U		<0.22	U		<0.22	U		<0.22	U		<0.69	U	
		VMP-50-30-080216	8/2/2016	<0.056	U		<0.056	U		<0.056	U		0.026	J		<0.065	U		<0.064	U		<0.064	U		<0.2	U	
		VMP-50-30-103116	10/31/2016	<0.11	U		<0.11	U		<0.11	U		<0.39	U		<0.13	U		<0.13	U		<0.13	U		<0.41	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-51-5-050213	5/2/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-51-5-080713	8/7/2013	<0.011	U		<0.011	U		<0.011	U		<0.095	U		<0.013	U		<0.012	U		<0.012	U		<0.04	U	
		VMP-51-5-103013	10/30/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-51-5-021814	2/18/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-51-5-042814	4/28/2014	<0.0059	U		<0.0059	U		<0.0059	U	UJ	<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-51-5-080114	8/1/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-51-05-102914	10/29/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-51-5-020315	2/3/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-5-042915	4/29/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-51-5-072115	7/21/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-51-5-102815	10/28/2015	<0.006	U		<0.006	U		<0.006	U		0.0066	J		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-51-5-012516	1/25/2016	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-51-5-042816	4/28/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-51-5-072716	7/27/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.0057	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-51-5-101916	10/19/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
	10 ft	VMP-51-10-020113	2/1/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-51-10-050213	5/2/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0066	U		<0.0065	U		<0.0065	J	U	<0.021	U	
		VMP-51-10-080713	8/7/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-51-10-103013	10/30/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-10-021814	2/18/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-51-10-042814	4/28/2014	<0.0053	U		<0.0053	U		<0.0053	U	UJ	<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-10-080114	8/1/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-10-102914	10/29/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-51-10-020315	2/3/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-51-10-042915	4/29/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-51-10-072115	7/21/2015	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-51-10-102815	10/28/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-51-10-012516	1/25/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-51-10-042816	4/28/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-51-10-042816-DUP	4/28/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-51-10-072716	7/27/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-51-10-101916	10/19/2016	<0.0046	U		<0.0046	U		<0.0046	U		0.0023	J		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-20-050213	5/2/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-51-20-080713	8/7/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-51-20-103013	10/30/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-20-021814	2/18/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-20-042814	4/28/2014	<0.0052	U		<0.0052	U		<0.0052	U	UJ	<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-51-20-080114	8/1/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-51-20-102914	10/29/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-51-20-020315	2/3/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-51-20-042915	4/29/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-51-20-072115	7/21/2015	<0.0071	U		<0.0071	U		<0.0071	U		<0.062	U		<0.0082	U		<0.0081	U		<0.0081	U		<0.026	U	
		VMP-51-20-102815	10/28/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		0.0057	J	
		VMP-51-20-012516	1/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-20-042816	4/28/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.055	U		<0.0073	U		<0.0071	U		<0.0071	U		<0.023	U	
		VMP-51-20-052516-R	5/25/2016	<0.0054	U		<0.0054	U		<0.0054	U		0.0015	J		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-51-20-072716	7/27/2016	<0.0064	U		<0.0064	U		<0.0064	U		0.0042	J		<0.0074	U		<0.0073	U		<0.0073	U		<0.023	U	
		VMP-51-20-101916-Dup	10/19/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-51-20-101916	10/19/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	30 ft	VMP-51-30-020413	2/4/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-51-30-020413-DUP	2/4/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-51-30-050213	5/2/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-51-30-080713	8/7/2013	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-51-30-103013	10/30/2013	<0.01	U		<0.01	U		<0.01	U		<0.09	U		<0.012	U		<0.012	U		<0.012	U		<0.037	U	
		VMP-51-30-021814	2/18/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-51-30-042814	4/28/2014	<0.0051	U		<0.0051	U		<0.0051	U	UJ	<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-51-30-080114	8/1/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-51-30-102914	10/29/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-51-30-102914-DUP	10/29/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-30-020315	2/3/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-51-30-020315-DUP	2/3/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-30-042915	4/29/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-51-30-042915-DUP	4/29/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-30-072115	7/21/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-51-30-102815	10/28/2015	<0.0062	U		<0.0062	U		<0.0062	U		0.0055	J		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-51-30-012516	1/25/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-51-30-012516-DUP	1/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-30-042816	4/28/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-51-30-072716	7/27/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-51-30-072716-DUP	7/27/2016	<0.0052	U		<0.0052	U		<0.0052	U		0.0015	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-51-30-101916	10/19/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-52-5-050213	5/2/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	J	U	<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-52-5-050213-Dup	5/2/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U		0.0086	J	
		VMP-52-5-080713	8/7/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-52-5-103013	10/30/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		0.00079	J	
		VMP-52-5-022114	2/21/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-52-5-050514	5/5/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-52-5-050514-Dup	5/5/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-52-5-080114	8/1/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-52-5-103114	10/31/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-52-5-020415	2/4/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-52-5-042915	4/29/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-52-5-072715	7/27/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-52-5-102915	10/29/2015	<0.0055	U		<0.0055	U		<0.0055	U		0.0053	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-52-5-012516	1/25/2016	<0.0053	U		<0.0053	U		<0.0053	U		0.0022	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-52-5-042516	4/25/2016	<0.0049	U		<0.0049	U		<0.0049	U		0.0073	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-52-5-072716	7/27/2016	<0.0058	U		<0.0058	U		<0.0058	U		0.0019	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-52-5-102716	10/27/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
	10 ft	VMP-52-10-020413	2/4/2013	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-52-10-051613	5/16/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-52-10-080713	8/7/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-52-10-103013	10/30/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-52-10-022114	2/21/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-52-10-080114	8/1/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-52-10-103114	10/31/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-52-10-020415	2/4/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-52-10-042915	4/29/2015	<0.0065	U		<0.0065	U		<0.0065	U		<0.057	U		<0.0076	U		<0.0075	U		<0.0075	U		<0.024	U	
		VMP-52-10-072715	7/27/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-52-10-102915	10/29/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.0034	J		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-52-10-012516	1/25/2016	<0.005	U		<0.005	U		<0.005	U		0.002	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-52-10-042516	4/25/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-52-10-072716	7/27/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.0071	U		<0.0071	U		<0.022	U	
		VMP-52-10-102716	10/27/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-52	20 ft	VMP-52-20-020413	2/4/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	J	U	<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-52-20-020413-DUP	2/4/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	J	U	<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-52-20-050213	5/2/2013	<0.006	U		<0.006	U		<0.006	U		<0.052	J	U	<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-52-20-080713	8/7/2013	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	U		<0.0072	U		<0.007	U		<0.007	U		0.0031	J	
		VMP-52-20-103013	10/30/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-52-20-022114	2/21/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-52-20-042914	4/29/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-52-20-082014-R	8/20/2014	<0.0054	U		<0.0054	U		<0.0054	U	UJ	<0.048	U		<0.0064	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-52-20-103114	10/31/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-52-20-020415	2/4/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-52-20-042915	4/29/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-52-20-072715	7/27/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.0049	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-52-20-102915	10/29/2015	<0.0052	U		<0.0052	U		<0.0052	U		0.0037	J		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-52-20-012516	1/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-52-20-042516	4/25/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-52-20-072716	7/27/2016	<0.0065	U		<0.0065	U		<0.0065	U		<0.057	U		<0.0076	U		<0.0074	U		<0.0074	U		<0.024	U	
		VMP-52-20-102716	10/27/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
	30 ft	VMP-52-30-020413	2/4/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-52-30-050613	5/6/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0064	U		<0.0062	U		<0.0062	J	U	<0.02	U	
		VMP-52-30-080713	8/7/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-52-30-103013	10/30/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-52-30-022114	2/21/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-52-30-022114-Dup	2/21/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-52-30-042914	4/29/2014	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-52-30-042914-DUP	4/29/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-52-30-080114	8/1/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-52-30-080114-Dup	8/1/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-52-30-103114	10/31/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-52-30-020415	2/4/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-52-30-020415-DUP	2/4/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-52-30-042915	4/29/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-52-30-072715	7/27/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0027	J		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-52-30-102915	10/29/2015	<0.005	U		<0.005	U		<0.005	U		0.0063	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-52-30-020216-R	2/2/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-52-30-042516	4/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		0.0028	J	
		VMP-52-30-072716	7/27/2016	<0.0065	U		<0.0065	U		<0.0065	U		<0.057	U		<0.0076	U		<0.0075	U		<0.0075	U		<0.024	U	
		VMP-52-30-102716	10/27/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-53-5-050213	5/2/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	J	U	<0.0071	U		<0.0069	U		<0.0069	J	U	<0.022	U	
		VMP-53-5-071113-R	7/11/2013	<0.0081	U		<0.0081	U		<0.0081	U		<0.071	U		<0.0095	U		<0.0093	U		<0.0093	J	U	<0.03	U	
		VMP-53-5-080613	8/6/2013	<0.011	U		<0.011	U		<0.011	U		<0.093	U		<0.012	U		<0.012	U		<0.012	U		<0.039	U	
		VMP-53-5-103013	10/30/2013	<0.0099	U		<0.0099	U		<0.0099	U		<0.087	U		<0.012	U		<0.011	U		<0.011	U		<0.036	U	
		VMP-53-5-022114	2/21/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-53-5-042514	4/25/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-53-5-073014	7/30/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-53-5-102914	10/29/2014	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-53-5-020415	2/4/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-53-5-050415	5/4/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-53-5-072415	7/24/2015	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-53-5-102815	10/28/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.0052	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-53-5-012816	1/28/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-53-5-042816	4/28/2016	<0.0049	U		<0.0049	U		<0.0049	U		0.0038	J		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-53-5-072916	7/29/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.055	U		<0.0073	U		<0.0071	U		<0.0071	U		<0.023	U	
		VMP-53-5-102516	10/25/2016	<0.0054	U		<0.0054	U		<0.0054	U		0.0026	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-53-5-120916	12/9/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	10 ft	VMP-53-10-020513	2/5/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-53-10-020513-DUP	2/5/2013	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-53-10-050313	5/3/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-53-10-071113-R	7/11/2013	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-53-10-080613	8/6/2013	<0.011	U		<0.011	U		<0.011	U		<0.1	U		<0.013	U		<0.013	U		<0.013	U		<0.042	U	
		VMP-53-10-080613-Dup	8/6/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-53-10-103013	10/30/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-53-10-022114	2/21/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-53-10-042514	4/25/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-53-10-073014	7/30/2014	<0.0057	U		<0.0057	U		<0.0057	U		0.008	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-53-10-102914	10/29/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-53-10-020415	2/4/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-53-10-050415	5/4/2015	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-53-10-072415	7/24/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-53-10-102815	10/28/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	J	U	<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-53-10-012816	1/28/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-53-10-042816	4/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-53-10-082616	8/26/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-53-10-102516	10/25/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-53-10-120916	12/9/2016	<0.005	U		<0.005	U		<0.005	U		0.0017	J		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
	20 ft	VMP-53-20-020513	2/5/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-53-20-050313	5/3/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-53-20-071113-R	7/11/2013	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-53-20-080613	8/6/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-53-20-103013	10/30/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-53-20-103013-Dup	10/30/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	J	U	<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-53-20-022114	2/21/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-53-20-042514	4/25/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-53-20-073014	7/30/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-53-20-102914	10/29/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-53-20-020415	2/4/2015	<0.011	U		<0.011	U		<0.011	U		<0.097	U		<0.013	U		<0.013	U		<0.013	U		<0.04	U	
		VMP-53-20-050415	5/4/2015	<0.0054	U		<0.0054	U		<0.0054	U		0.0036	J		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-53-20-072415	7/24/2015	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-53-20-102815	10/28/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	J	U	<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-53-20-021616	2/16/2016	<0.0063	U		<0.0063	U		<0.0063	U		0.0034	J		<0.0074	U		<0.0073	U		<0.0073	U		<0.023	U	
		VMP-53-20-042816	4/28/2016	<0.0053	U		<0.0053	U		<0.0053	U		0.0016	J		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-53-20-072916	7/29/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-53-20-102516	10/25/2016	<0.0093	U		<0.0093	U		<0.0093	U		<0.082	U		<0.011	U		<0.011	U		<0.011	U		<0.034	U	
		VMP-53-20-120916	12/9/2016	<0.005	U		<0.005	U		<0.005	U		0.003	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
	30 ft	VMP-53-30-020513	2/5/2013	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-53-30-050313	5/3/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	J	U	<0.02	U	
		VMP-53-30-071113-R	7/11/2013	<0.0065	U		<0.0065	U		<0.0065	U		0.012	J		<0.0076	U		<0.0074	U		<0.0074	U		<0.024	U	
		VMP-53-30-080613	8/6/2013	<0.0066	U		<0.0066	U		<0.0066	U		<0.057	U		<0.0076	U		<0.0075	U		<0.0075	U		<0.024	U	
		VMP-53-30-103013	10/30/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-53-30-022114	2/21/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-53-30-042514	4/25/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-53-30-042514-DUP	4/25/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-53-30-073014	7/30/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-53-30-073014-Dup	7/30/2014	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-53-30-102914	10/29/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-53-30-020415	2/4/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-53-30-050415	5/4/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-53-30-072415	7/24/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-53-30-102815	10/28/2015	<0.0059	U		<0.0059	U		<0.0059	U		0.0053	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-53-30-012816	1/28/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-53-30-042816	4/28/2016	<0.0061	U		<0.0061	U		<0.0061	U		0.0023	J		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-53-30-052516-R	5/25/2016	<0.0052	U		<0.0052	U		<0.0052	U		0.0016	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-53-30-072916	7/29/2016	<0.0043	U		<0.0043	U		<0.0043	U		0.0042	J		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-53-30-102516	10/25/2016	<0.0099	U		<0.0099	U		<0.0099	U		<0.087	U		<0.012	U		<0.011	U		<0.011	U		<0.036	U	
		VMP-53-30-120916	12/9/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-54-5-050213	5/2/2013	<0.005	U		<0.005	U		<0.005	U		0.0059	J		<0.0058	U		<0.0057	U		<0.0057	J	U	<0.018	U	
		VMP-54-5-080613	8/6/2013	<0.0065	U		<0.0065	U		<0.0065	U		<0.057	U		<0.0076	U		<0.0075	U		<0.0075	U		<0.024	U	
		VMP-54-5-103013	10/30/2013	0.0008	J		<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-54-5-021014	2/10/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-54-5-042514	4/25/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-54-5-073014	7/30/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-54-5-102914	10/29/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-54-5-020515	2/5/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-54-5-050415	5/4/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-54-5-072415	7/24/2015	<0.0062	U		<0.0062	U		<0.0062	U		<0.054	J	U	<0.0072	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-54-5-102715	10/27/2015	<0.0046	U		<0.0046	U		<0.0046	U		0.0026	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-54-5-012816	1/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-54-5-042916	4/29/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-54-5-080116	8/1/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-54-5-102816	10/28/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
	10 ft	VMP-54-10-020613	2/6/2013	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	J	U	<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-54-10-050213	5/2/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	J	U	<0.021	U	
		VMP-54-10-080613	8/6/2013	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-54-10-103013	10/30/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	J	U	<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-54-10-021014	2/10/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-54-10-050814-R	5/8/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-54-10-073014	7/30/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-54-10-102914	10/29/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-54-10-020515	2/5/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-54-10-050415	5/4/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-54-10-072415	7/24/2015	<0.0065	U		<0.0065	U		<0.0065	U		0.0079	J	J	<0.0076	U		<0.0075	U		<0.0075	U		<0.024	U	
		VMP-54-10-102715	10/27/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-54-10-012816	1/28/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-54-10-042916	4/29/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-54-10-080116	8/1/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-54-10-102816	10/28/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
	20 ft	VMP-54-20-020613	2/6/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-54-20-020613-DUP	2/6/2013	<0.0055	U		<0.0055	U		<0.0055	U		0.00092	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-54-20-050213	5/2/2013	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	J	U	<0.0063	U		<0.0061	U		<0.0061	J	U	<0.02	U	
		VMP-54-20-080613	8/6/2013	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0073	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-54-20-103013	10/30/2013	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-54-20-021014	2/10/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-54-20-042514	4/25/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-54-20-073014	7/30/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-54-20-102914	10/29/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-54-20-020515	2/5/2015	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-54-20-050415	5/4/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.0025	J		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-54-20-072415	7/24/2015	<0.006	U		<0.006	U		<0.006	U		0.0069	J	J	<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-54-20-102715	10/27/2015	<0.0046	U		<0.0046	U		<0.0046	U		0.0032	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-54-20-102715-DUP	10/27/2015	<0.0046	U		<0.0046	U		<0.0046	U		0.0026	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-54-20-012816	1/28/2016	<0.006	U		<0.006	U		<0.006	U		<0.052	U		<0.007	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-54-20-050516	5/5/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-54-20-050516-DUP	5/5/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-54-20-080116	8/1/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-54-20-102816	10/28/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
	30 ft	VMP-54-30-020613	2/6/2013	<0.0059	U		<0.0059	U		<0.0059	U		0.00097	J		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-54-30-020613-DUP	2/6/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-54-30-050213	5/2/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		0.0073	J	
		VMP-54-30-050213-Dup	5/2/2013	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	J	U	<0.0066	U		<0.0065	U		<0.0065	J	U	<0.021	U	
		VMP-54-30-103013	10/30/2013	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		0.0036	J	
		VMP-54-30-021014	2/10/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-54-30-042514	4/25/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-54-30-073014	7/30/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-54-30-110614-R	11/6/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-54-30-021215	2/12/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-54-30-050415	5/4/2015	<0.0057	U		<0.0057	U		<0.0057	U		0.0026	J		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-54-30-080315	8/3/2015	<0.0061	U		<0.0061	U		<0.0061	U		<0.054	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-54-30-102715	10/27/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0027	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-54-30-012816	1/28/2016	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-54-30-042916	4/29/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-54-30-042916-DUP	4/29/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-54-30-080116	8/1/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-54-30-102816	10/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-110414	11/4/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.021	U	
		VMP-55-5-110414-DUP	11/4/2014	<0.0045	U		<0.0045	U		<0.0045	U		<0.039	U		<0.0052	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-55-5-020515	2/5/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-55-5-050615	5/6/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-55-5-110215	11/2/2015	<0.037	U		<0.037	U		<0.037	U		0.019	J		<0.043	U		<0.043	U		<0.043	U		<0.14	U	
		VMP-55-5-020416	2/4/2016	<0.052	U		<0.052	U		<0.052	U	UJ	<0.046	U		<0.061	U		<0.06	U		<0.06	U		<0.19	U	
		VMP-55-5-082616	8/26/2016	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
	20 ft	VMP-55-20-021513	2/15/2013	<14	U		<14	U		<14	U		14			19			<16	U		<16	U		<50	U	
		VMP-55-20-050113	5/1/2013	<23	U		<23	U		<23	U		<200	U		<27	U		<26	U		<26	U		<84	U	
		VMP-55-20-080713	8/7/2013	<3.1	U		<3.1	U		<3.1	U		<2.7	U		<3.6	U		<3.6	U		<3.6	U		<11	U	UJ
		VMP-55-20-110813	11/8/2013	<0.88	U		<0.88	U		<0.88	U		<0.77	U		<1	U		<1	U		<1	U		<3.2	U	
		VMP-55-20-021814	2/18/2014	<0.24	U		<0.24	U		<0.24	U		<0.21	U		<0.27	U		<0.27	U		<0.27	U		<0.86	U	
		VMP-55-20-050514	5/5/2014	<2.5	U		<2.5	U		<2.5	U		<2.2	U		<2.9	U		<2.9	U		<2.9	U		<9.2	U	
		VMP-55-20-050514-Dup	5/5/2014	<2.7	U		<2.7	U		<2.7	U		<2.4	U		<3.2	U		<3.1	U		<3.1	U		<9.9	U	
		VMP-55-20-081314	8/13/2014	<1	U		<1	U		<1	U		<0.91	U	UJ	<1.2	U		<1.2	U		<1.2	U		<3.8	U	
		VMP-55-20-110414	11/4/2014	<0.47	U		<0.47	U		<0.47	U		<0.41	U		<0.54	U		<0.54	U		<0.54	U		<1.7	U	
		VMP-55-20-020515	2/5/2015	<0.51	U		<0.51	U		<0.51	U		0.44	J		<0.6	U		<0.58	U		<0.58	U		<1.8	U	
		VMP-55-20-050615	5/6/2015	<3.4	U		<3.4	U		<3.4	U		<29	U		<3.9	U		<3.8	U		<3.8	U		<12	U	
		VMP-55-20-072915	7/29/2015	<0.054	U		<0.054	U		<0.054	U		<0.47	U		<0.063	U		<0.062	U		<0.062	U		<0.2	U	
		VMP-55-20-072915-DUP	7/29/2015	<0.057	U		<0.057	U		<0.057	U		<0.5	U		<0.067	U		<0.066	U		<0.066	U		<0.21	U	
		VMP-55-20-110215	11/2/2015	<1.6	U		<1.6	U		<1.6	U		<1.4	U		<1.8	U		<1.8	U		<1.8	U		<5.8	U	
		VMP-55-20-020416	2/4/2016	<0.52	U		<0.52	U		<0.52	U		<0.46	U		<0.61	U		<0.6	U		<0.6	U		<1.9	U	
		VMP-55-20-020416-DUP	2/4/2016	<0.47	U		<0.47	U		<0.47	U		<0.42	U		<0.55	U		<0.54	U		<0.54	U		<1.7	U	
		VMP-55-20-050416	5/4/2016	<0.72	U		<0.72	U		<0.72	U		<0.63	U		<0.84	U		<0.83	U		<0.83	U		<2.6	U	
		VMP-55-20-080316	8/3/2016	<0.37	U		<0.37	U		<0.37	U		<1.3	U		<0.43	U		<0.42	U		<0.42	U		<1.3	U	
		VMP-55-20-110116	11/1/2016	<0.55	U		<0.55	U		<0.55	U		<4.8	U		<0.64	U		<0.63	U		<0.63	U		<2	U	
	30 ft	VMP-55-30-030915	3/9/2015	<1.4	U		<1.4	U		<1.4	U		<1.2	U		<1.6	U		<1.6	U		<1.6	U		<5	U	
		VMP-55-30-050615	5/6/2015	<4.6	U		<4.6	U		<4.6	U		<41	U		<5.4	U		<5.3	U		<5.3	U		<17	U	
		VMP-55-30-050615-DUP	5/6/2015	<4.7	U		<4.7	U		<4.7	U		<41	U		<5.5	U		<5.4	U		<5.4	U		<17	U	
		VMP-55-30-061515-Dup-R	6/15/2015	<0.062	U		<0.062	U		<0.062	U		<0.055	U		<0.073	U		<0.071	U		<0.071	U		<0.23	U	
		VMP-55-30-061515-R	6/15/2015	<0.05	U		<0.05	U		<0.05	U		<0.044	U		<0.059	U		<0.058	U		<0.058	U		<0.18	U	
VMP-56	10 ft	VMP-56-10-050114	5/1/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-56-10-081214	8/12/2014	<0.006	U		<0.006	U		<0.006	U		<0.052	U		0.0017	J		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-56-10-110514	11/5/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-56-10-021015	2/10/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-56-10-110315	11/3/2015	<0.005	U		<0.005	U		<0.005	U		0.0062	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-56-10-020416	2/4/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-56-10-050516	5/5/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-56-10-072716	7/27/2016	<0.0055	U		<0.0055	U		<0.0055	U		0.0018	J		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-56-10-102416	10/24/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	25 ft	VMP-56-25-050114	5/1/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-56-25-081214	8/12/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		0.0049	J		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-56-25-110514	11/5/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-56-25-021015	2/10/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-56-25-050715	5/7/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		0.0019	J	
		VMP-56-25-073115	7/31/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-56-25-110315	11/3/2015	<0.0051	U		<0.0051	U		<0.0051	U		0.005	J		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-56-25-020416	2/4/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-56-25-050516	5/5/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-56-25-050516-DUP	5/5/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-56-25-072716	7/27/2016	<0.0065	U		<0.0065	U		<0.0065	U		0.0062	J		<0.0076	U		<0.0075	U		<0.0075	U		<0.024	U	
		VMP-56-25-102416	10/24/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
	38.5 ft	VMP-56-38.5-050114	5/1/2014	<1.2	U		<1.2	U		<1.2	U		<1	U		<1.4	U		<1.4	U		<1.4	U		<4.4	U	
		VMP-56-38.5-081214	8/12/2014	<110	U		<110	U		<110	U		<96	U		<130	U		<120	U		<120	U		<400	U	
		VMP-56-38.5-081214-Dup	8/12/2014	<110	U		<110	U		<110	U		<95	U		<130	U		<120	U		<120	U		<390	U	
		VMP-56-38.5-110514	11/5/2014	<59	U		<59	U		<59	U		<52	U		<69	U		<68	U		<68	U		<220	U	
		VMP-56-38.5-110514-DUP	11/5/2014	<71	U		<71	U		<71	U		<62	U		<83	U		<81	U		<81	U		<260	U	
		VMP-56-38.5-021015	2/10/2015	<5.3	U		<5.3	U		<5.3	U		<4.6	U		<6.2	U		<6	U		<6	U		<19	U	
		VMP-56-38.5-050715	5/7/2015	<61	U		<61	U		<61	U		<53	U		<71	U		<69	U		<69	U		<220	U	
		VMP-56-38.5-061515-R	6/15/2015	<5.8	U		<5.8	U		<5.8	U		<5.1	U		<6.8	U		<6.7	U		<6.7	U		<21	U	
		VMP-56-38.5-073115	7/31/2015	<5.1	U		<5.1	U		<5.1	U		<4.5	U		<6	U		<5.8	U		<5.8	U		<18	U	
		VMP-56-38.5-073115-DUP	7/31/2015	<19	U		<19	U		<19	U		<17	U		<22	U		<22	U		<22	U		<69	U	
		VMP-56-38.5-110315	11/3/2015	<6	U		<6	U		<6	U		<5.3	U		<7	U		<6.9	U		<6.9	U		<22	U	
		VMP-56-38.5-110315-DUP	11/3/2015	<44	U		<44	U		<44	U		15	J		<51	U		<50	U		<50	U		<160	U	
		VMP-56-38.5-020416	2/4/2016	<34	U		<34	U		<34	U		<29	U		<39	U		<38	U		<38	U		<120	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-122313	12/23/2013	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-62-5-021014	2/10/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-62-5-042514	4/25/2014	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-62-5-073014	7/30/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-62-5-111014-R	11/10/2014	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-62-5-020315	2/3/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-62-5-042815	4/28/2015	<0.0057	U		<0.0057	U		<0.0057	U	UJ	<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-62-5-072415	7/24/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-62-5-102015	10/20/2015	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	J	U	<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-62-5-012816	1/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-62-5-042516	4/25/2016	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-62-5-072616	7/26/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.022	U	
		VMP-62-5-102416	10/24/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
	10 ft	VMP-62-10-122313	12/23/2013	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-62-10-021014	2/10/2014	<0.0044	U		<0.0044	U		<0.0044	U		<0.038	U		<0.0051	U		<0.005	U		<0.005	U		<0.016	U	
		VMP-62-10-042514	4/25/2014	<0.0049	U		<0.0049	U		<0.0049	U		0.0024	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-62-10-073014	7/30/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.048	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-62-10-102814	10/28/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.05	U		<0.0066	U		<0.0065	U		<0.0065	U		<0.02	U	
		VMP-62-10-020315	2/3/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-62-10-042815	4/28/2015	<0.0054	U		<0.0054	U		<0.0054	U	UJ	<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-62-10-072415	7/24/2015	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	J	U	0.0016	J	J	<0.0061	U		<0.0061	U		<0.019	U	
		VMP-62-10-102015	10/20/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-62-10-012816	1/28/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-62-10-042516	4/25/2016	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
		VMP-62-10-072616	7/26/2016	<0.0062	U		<0.0062	U		<0.0062	U		<0.055	U		<0.0073	U		<0.0071	U		<0.0071	U		<0.023	U	
		VMP-62-10-102416	10/24/2016	<0.0043	U		<0.0043	U		<0.0043	U		<0.038	U		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
	20 ft	VMP-62-20-122313	12/23/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-62-20-122313-Dup	12/23/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-62-20-021014	2/10/2014	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-62-20-042514	4/25/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-62-20-073014	7/30/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-62-20-102814	10/28/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-62-20-020315	2/3/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-62-20-042815	4/28/2015	<0.0056	U		<0.0056	U		<0.0056	U	UJ	<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-62-20-072415	7/24/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-62-20-102015	10/20/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	J	U	<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-62-20-012816	1/28/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-62-20-042516	4/25/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-62-20-072616	7/26/2016	<0.0051	U		<0.0051	U		<0.0051	U		0.0026	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-62-20-102416	10/24/2016	<0.0046	U		<0.0046	U		<0.0046	U		0.027	J		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
	30 ft	VMP-62-30-122313	12/23/2013	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-62-30-122313-Dup	12/23/2013	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-62-30-021014	2/10/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-62-30-042514	4/25/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-62-30-073014	7/30/2014	<0.0052	U		<0.0052	U		<0.0052	U	UJ	<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-62-30-073014-Dup	7/30/2014	<0.0048	U		<0.0048	U		<0.0048	U	UJ	<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-62-30-102814	10/28/2014	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-62-30-020315	2/3/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-62-30-042815	4/28/2015	<0.0055	U		<0.0055	U		<0.0055	U	UJ	<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-62-30-072415	7/24/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		0.0052	J	
		VMP-62-30-102015	10/20/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-62-30-012816	1/28/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-62-30-012816-DUP	1/28/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-62-30-042516	4/25/2016	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-62-30-072616	7/26/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-62-30-072616-DUP	7/26/2016	<0.0058	U		<0.0058	U		<0.0058	U		0.002	J		<0.0068	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-62-30-102416	10/24/2016	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-62-30-102416-Dup	10/24/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-121113	12/11/2013	<0.0075	U		<0.0075	U		<0.0075	U		<0.065	U		<0.0087	U		<0.0086	U		<0.0086	U		<0.027	U	
		VMP-63-5-022814	2/28/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-63-5-042514	4/25/2014	<0.0097	U		<0.0097	U		<0.0097	U		<0.085	U		<0.011	U		<0.011	U		<0.011	U		<0.035	U	
		VMP-63-5-073014	7/30/2014	<0.0052	U		<0.0052	U		<0.0052	U	UJ	<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-63-5-102814	10/28/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-63-5-020315	2/3/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-63-5-042815	4/28/2015	<0.0058	U		<0.0058	U		<0.0058	U	UJ	<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-63-5-072415	7/24/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-63-5-102615	10/26/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-63-5-012816	1/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-63-5-042616	4/26/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-63-5-072516	7/25/2016	<0.0058	U		<0.0058	U		<0.0058	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-63-5-102416	10/24/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
	10 ft	VMP-63-10-121113	12/11/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-63-10-020714	2/7/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-63-10-042514	4/25/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-63-10-073014	7/30/2014	<0.0048	U		<0.0048	U		<0.0048	U	UJ	<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-63-10-102814	10/28/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-63-10-020315	2/3/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-63-10-042815	4/28/2015	<0.0055	U		<0.0055	U		<0.0055	U	UJ	<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-63-10-072415	7/24/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-63-10-102615	10/26/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	J	U	<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-63-10-012816	1/28/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.0025	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-63-10-042616	4/26/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-63-10-072516	7/25/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.007	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-63-10-102416	10/24/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
	20 ft	VMP-63-20-121213	12/12/2013	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-63-20-020714	2/7/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.041	U		<0.0054	U		<0.0053	U		<0.0053	U		<0.017	U	
		VMP-63-20-042514	4/25/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-63-20-073014	7/30/2014	<0.0049	U		<0.0049	U		<0.0049	U	UJ	<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-63-20-102814	10/28/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-63-20-102814-DUP	10/28/2014	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-63-20-020315	2/3/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-63-20-020315-DUP	2/3/2015	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-63-20-042815	4/28/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-63-20-072415	7/24/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-63-20-102615	10/26/2015	<0.0049	U		<0.0049	U		<0.0049	U		0.0063	J		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-63-20-012816	1/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-63-20-042616	4/26/2016	<0.006	U		<0.006	U		<0.006	U		0.0026	J		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-63-20-042616-DUP	4/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-63-20-072516	7/25/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-63-20-102416	10/24/2016	<0.0061	U		<0.0061	U		<0.0061	U		<0.053	U		<0.0071	U		<0.007	U		<0.007	U		<0.022	U	
	30 ft	VMP-63-30-121113	12/11/2013	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-63-30-020714	2/7/2014	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.017	U	
		VMP-63-30-042514	4/25/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0058	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-63-30-042514-DUP	4/25/2014	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-63-30-073014	7/30/2014	<0.0058	U		<0.0058	U		<0.0058	U	UJ	<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-63-30-102814	10/28/2014	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-63-30-020315	2/3/2015	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-63-30-042815	4/28/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-63-30-072415	7/24/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-63-30-102615	10/26/2015	<0.0044	U		<0.0044	U		<0.0044	U		<0.039	J	U	<0.0052	U		<0.0051	U		<0.0051	U		<0.016	U	
		VMP-63-30-102615-DUP	10/26/2015	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	J	U	<0.0061	U		<0.006	U		<0.006	U		<0.019	U	
		VMP-63-30-012816	1/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-63-30-042616	4/26/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-63-30-072516	7/25/2016	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-63-30-072516-DUP	7/25/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-63-30-102416	10/24/2016	<0.005	U		<0.005	U		<0.005	U		0.0022	J		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1,1-Dichloroethene			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Dichloromethane (Methylene chloride)			1,2-Dichloropropane			cis-1,3-Dichloropropene			trans-1,3-Dichloropropene			1,4-Dioxane		
				240			1100000			85			5.6			0.31									0.22		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-122313	12/23/2013	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-64-5-022814	2/28/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-64-5-042514	4/25/2014	<0.0051	U		<0.0051	U		<0.0051	U	UJ	<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-64-5-073114	7/31/2014	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-64-5-102814	10/28/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-64-5-020315	2/3/2015	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-64-5-042815	4/28/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-64-5-072415	7/24/2015	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-64-5-102615	10/26/2015	<0.0047	U		<0.0047	U		<0.0047	U		0.0031	J		<0.0055	U		<0.0054	U		<0.0054	U		<0.017	U	
		VMP-64-5-012816	1/28/2016	<0.0056	U		<0.0056	U		<0.0056	U		<0.049	U		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-64-5-042616	4/26/2016	<0.0063	U		<0.0063	U		<0.0063	U		<0.055	U		<0.0074	U		<0.0072	U		<0.0072	U		<0.023	U	
		VMP-64-5-080216	8/2/2016	<0.0054	U		<0.0054	U		<0.0054	U		<0.047	U		<0.0063	U		<0.0062	U		<0.0062	U		<0.02	U	
		VMP-64-5-080216-DUP	8/2/2016	<0.0059	U		<0.0059	U		<0.0059	U		<0.052	U		<0.0069	U		<0.0068	U		<0.0068	U		<0.021	U	
		VMP-64-5-102416	10/24/2016	<0.0048	U		<0.0048	U		<0.0048	U		0.0066	J		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
	10 ft	VMP-64-10-122313	12/23/2013	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-64-10-021014	2/10/2014	<0.0048	U		<0.0048	U		<0.0048	U		<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.017	U	
		VMP-64-10-042514	4/25/2014	<0.0049	U		<0.0049	U		<0.0049	U	UJ	<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-64-10-073114	7/31/2014	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-64-10-102814	10/28/2014	<0.006	U		<0.006	U		<0.006	U		<0.053	U		<0.007	U		<0.0069	U		<0.0069	U		<0.022	U	
		VMP-64-10-020315	2/3/2015	<0.0057	U		<0.0057	U		<0.0057	U		<0.05	U		<0.0067	U		<0.0066	U		<0.0066	U		<0.021	U	
		VMP-64-10-042815	4/28/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-64-10-072415	7/24/2015	<0.005	U		<0.005	U		<0.005	U		<0.043	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-64-10-102615	10/26/2015	<0.0059	U		<0.0059	U		<0.0059	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-64-10-012816	1/28/2016	<0.0052	U		<0.0052	U		<0.0052	U		<0.046	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-64-10-042616	4/26/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-64-10-072216	7/22/2016	<0.0043	U		<0.0043	U		<0.0043	U		0.018	J		<0.005	U		<0.0049	U		<0.0049	U		<0.016	U	
		VMP-64-10-102416	10/24/2016	<0.0047	U		<0.0047	U		<0.0047	U		<0.041	U		<0.0054	U		<0.0054	U		<0.0054	U		<0.017	U	
	20 ft	VMP-64-20-122313	12/23/2013	<0.0051	U		<0.0051	U		<0.0051	U		0.0013	J		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-64-20-122313-Dup	12/23/2013	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0058	U		<0.0057	U		<0.0057	U		<0.018	U	
		VMP-64-20-021014	2/10/2014	<0.0049	U		<0.0049	U		<0.0049	U		<0.043	U		<0.0057	U		<0.0056	U		<0.0056	U		<0.018	U	
		VMP-64-20-042514	4/25/2014	<0.0048	U		<0.0048	U		<0.0048	U	UJ	<0.042	U		<0.0056	U		<0.0055	U		<0.0055	U		<0.018	U	
		VMP-64-20-073114	7/31/2014	<0.005	U		<0.005	U		<0.005	U		<0.044	U		<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-64-20-102814	10/28/2014	<0.0052	U		<0.0052	U		<0.0052	U		<0.045	U		<0.006	U		<0.0059	U		<0.0059	U		<0.019	U	
		VMP-64-20-020315	2/3/2015	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-64-20-042815	4/28/2015	<0.0058	U		<0.0058	U		<0.0058	U		<0.051	U		<0.0068	U		<0.0067	U		<0.0067	U		<0.021	U	
		VMP-64-20-072415	7/24/2015	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-64-20-102615	10/26/2015	<0.0056	U		<0.0056	U		<0.0056	U		0.003	J		<0.0065	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-64-20-012816	1/28/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.046	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-64-20-042616	4/26/2016	<0.0055	U		<0.0055	U		<0.0055	U		<0.048	U		<0.0064	U		<0.0063	U		<0.0063	U		<0.02	U	
		VMP-64-20-042616-DUP	4/26/2016	<0.0053	U		<0.0053	U		<0.0053	U		<0.047	U		<0.0062	U		<0.0061	U		<0.0061	U		<0.019	U	
		VMP-64-20-072216	7/22/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.045	U		<0.006	U		<0.0058	U		<0.0058	U		<0.018	U	
		VMP-64-20-072216-DUP	7/22/2016	<0.0056	U		<0.0056	U		<0.0056	U		0.013	J		<0.0066	U		<0.0064	U		<0.0064	U		<0.02	U	
		VMP-64-20-102416	10/24/2016	<0.0046	U		<0.0046	U		<0.0046	U		<0.04	U		<0.0053	U		<0.0052	U		<0.0052	U		<0.016	U	
		VMP-64-20-102416-Dup	10/24/2016	<0.0051	U		<0.0051	U		<0.0051	U		<0.044	J	U	<0.0059	U		<0.0058	U		<0.0058	U		<0.018	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<0.9	U		<0.52	U		<0.58	U		<0.91	U		<0.83	U		3.8			<5.1	U		53		
		VMP-1-5-082510	8/25/2010	0.03	J		<0.018	U		<0.021	U		<0.032	U		<0.03	U		<0.017	U		<0.18	U		0.025		
		VMP-1-5-111710	11/17/2010	0.0087	J		0.0052	J		<0.025	U		<0.039	U		<0.036	U		0.16			<0.22	U		0.4		
		VMP-1-5-020411	2/4/2011	<0.76	U		<0.44	U		<0.5	U		<0.77	U		<0.71	U		<0.41	U		<4.3	U		9.4		
		VMP-1-5-041211	4/12/2011	<0.0099	U		0.017			0.0018	J		<0.01	U		<0.0092	U		0.45			<0.056	U		0.53		
		VMP-1-5-080111	8/1/2011	0.078			0.0026	J		0.0026	J		<0.01	U		<0.0092	U		0.012			<0.056	U		0.037		
		VMP-1-5-110311	11/3/2011	<26	U		<15	U		<17	U		<27	U		<24	U		<14	U		<150	U		13		
		VMP-1-5-013012	1/30/2012	<2.2	U		<1.3	U		<1.4	U		<2.2	U		<2	U		11		J	<12	U		66		J
		VMP-1-5-041312	4/13/2012	0.02			0.0015	J		<0.0044	U		<0.0068	U		<0.0062	U		0.0098			<0.038	U		0.0078		
		VMP-1-5-071612	7/16/2012	0.16			0.014			0.0048			<0.007	U		<0.0064	U		0.093			<0.039	U		0.085		
		VMP-1-5-101112	10/11/2012	0.0033	J	J	<0.01	U		<0.011	U		<0.018	U		<0.016	U		0.021			<0.098	U		0.16		
		VMP-1-5-012113	1/21/2013	0.14	J		<0.11	U		<0.13	U		<0.2	U		<0.18	U		0.14			<1.1	U		2.7		
		VMP-1-5-012313-R	1/23/2013	<8.8	U		1.5	J		1.9	J		<8.9	U		<8.1	U		25			<50	U		130		
		VMP-1-5-050813	5/8/2013	0.0074	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.0021	J	
		VMP-1-5-072913	7/29/2013	0.0062	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		0.0013	J		<0.063	U		0.0037	J	
		VMP-1-5-072913-Dup	7/29/2013	0.007	J		0.0011	J		<0.0073	U		<0.011	U		<0.01	U		0.003	J		<0.064	U		0.0057		
		VMP-1-5-110413	11/4/2013	0.0055	J		0.00024	J		0.00047	J		<0.0092	U		<0.0084	U		0.00069	J		<0.051	U		0.00091	J	
		VMP-1-5-020714	2/7/2014	<0.0099	U	UJ	<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-1-5-043014	4/30/2014	0.018			0.0015	J		<0.0056	U		<0.0087	U		<0.008	U		0.002	J		<0.049	U		0.002	J	
		VMP-1-5-080714	8/7/2014	0.0094			<0.0051	U		0.0011	J		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-1-5-103114	10/31/2014	0.017			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0016	J	
		VMP-1-5-020915	2/9/2015	0.0085	J		<0.0051	U		0.0014	J		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		0.0016	J	
		VMP-1-5-050515	5/5/2015	0.0083	J		<0.0061	U		0.0026	J		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		0.0016	J	
		VMP-1-5-073015	7/30/2015	<0.01	J	U	0.0016	J		0.0015	J		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-1-5-110315	11/3/2015	0.007	J		<0.0061	U		0.014			<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0024	J	
		VMP-1-5-020316	2/3/2016	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-1-5-050316	5/3/2016	<0.0099	U		<0.0057	U		0.0012	J		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-1-5-072516	7/25/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0032	J		<0.058	U		0.0022	J	
		VMP-1-5-102816	10/28/2016	0.018			0.068			0.01			<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
	8.5 ft	VMP-1-8.5	11/2/2009	<1.2	U		<0.71	U		<0.8	U		<1.2	U		<1.1	U		1.7			<7	U		16		
		VMP-1-8.5-082510	8/25/2010	<0.097	U		<0.056	U		<0.063	U		<0.098	U		<0.09	U		<0.053	U		<0.55	U		<0.045	U	
		VMP-1-8.5-111710	11/17/2010	0.011	J		0.0048	J		<0.012	U		<0.019	U		<0.017	U		0.075			<0.1	U		0.088		
		VMP-1-8.5-111710-Dup	11/17/2010	0.009	J		0.0031	J		<0.012	U		<0.019	U		<0.017	U		0.06			<0.1	U		0.076		
		VMP-1-8.5-020411	2/4/2011	2.1			<0.86	U		<0.98	U		<1.5	U		<1.4	U		<0.81	U		<8.5	U		11		
		VMP-1-8.5-041211	4/12/2011	<0.013	J	U	0.01			0.0023	J		<0.013	U		<0.012	U		0.17			<0.074	U		0.14		
		VMP-1-8.5-080111	8/1/2011	<5.4	U		<3.1	U		<3.5	U		<5.5	U		<5	U		<3	U		<31	U		5.1		
		VMP-1-8.5-080111-Dup	8/1/2011	<5.3	U		<3.1	U		<3.5	U		<5.4	U		<4.9	U		<2.9	U		<30	U		17		
		VMP-1-8.5-110311	11/3/2011	<61	U		<35	U		<40	U		<62	U		<56	U		<33	U		<340	U		36		
		VMP-1-8.5-013012	1/30/2012	<13	U		<7.6	U		<8.6	U		<13	U		<12	U		10			<75	U		58		
		VMP-1-8.5-041612	4/16/2012	0.0089		J	0.0039	J		<0.0052	U		<0.0081	U		<0.0074	U		0.0094			<0.045	U		0.0059		
		VMP-1-8.5-041612-Dup	4/16/2012	0.013		J	0.0036	J		0.00098	J		<0.0079	U		<0.0072	U		0.009			<0.044	U		0.0061		
		VMP-1-8.5-071612	7/16/2012	0.13			0.0072			0.0032	J		<0.007	U		<0.0064	U		0.016			<0.039	U		0.01		
		VMP-1-8.5-101112	10/11/2012	0.0026	J	J	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.14			<0.06	U		0.14		
		VMP-1-8.5-012113	1/21/2013	<0.19	U		<0.11	U		<0.12	U		<0.19	U		<0.18	U		0.12			<1.1	U		1.8		
		VMP-1-8.5-012313-R	1/23/2013	<0.18	U		<0.1	U		<0.11	U		<0.18	U		<0.16	U		0.96			<0.99	U		5.4		
		VMP-1-8.5-050813	5/8/2013	0.0069	J		<0.0066	U		0.0023	J		<0.012	U		<0.011	U		0.0022	J		<0.065	U		0.025		
		VMP-1-8.5-072913	7/29/2013	0.0067	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		0.0017	J		<0.063	U		0.0015	J	
		VMP-1-8.5-110413	11/4/2013	<0.0092	J	U	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		0.00057	J		<0.052	U		0.00093	J	
		VMP-1-8.5-020714	2/7/2014	<0.0087	U	UJ	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-1-8.5-043014	4/30/2014	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-1-8.5-080714	8/7/2014	0.013			0.002	J		0.0025	J		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0012	J	
		VMP-1-8.5-103114	10/31/2014	<0.01	J	U	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-1-8-020915	2/9/2015	0.0074	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-1-8.5-050515	5/5/2015	0.008	J		0.0024	J		0.0035	J		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-1-8.5-073015	7/30/2015	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-1-8.5-110315	11/3/2015	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-1-8.5-020316	2/3/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		0.0013	J	
		VMP-1-8.5-050316	5/3/2016	0.0073	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0025	J		<0.06	U		0.002	J	
		VMP-1-8.5-072516	7/25/2016	0.016			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.01			<0.052	U		0.002	J	
		VMP-1-8.5-102816	10/28/2016	0.033			0.0058			0.002	J		<0.0085	U		<0.0077	U		0.0038	J		<0.047	U		<0.0039	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	23.5 ft	VMP-1-23.5	11/2/2009	<3	U		<1.7	U		<1.9	U		<3	U		<2.8	U		24			<17	U		140		
		VMP - 1 - 23.5 - 083010	8/30/2010	<3.4	U		<1.9	U		<2.2	U		<3.4	U		<3.1	U		44			<19	U		260		
		VMP-1-23.5-111810	11/17/2010	0.0087	J		0.0015	J		<0.0061	U		<0.0095	U		<0.0086	U		0.015			<0.053	U		0.016		
		VMP-1-23.5-020411	2/4/2011	<8.8	U		<5	U		<5.7	U		<8.9	U		<8.1	U		<4.8	U		<50	U		300		
		VMP-1-23.5-041211	4/12/2011	4.9	J		0.93	J		<9.3	U		<14	U		<13	U		4.2	J		<81	U		9.7		
		VMP-1-23.5-041211-DUP	4/12/2011	<18	U		1.3	J		<12	U		<18	U		<17	U		6.8	J		<100	U		14		
		VMP-1-23.5-080111	8/1/2011	<97	U		<56	U		<63	U		<99	U		<90	U		49	J		<550	U		320		
		VMP-1-23.5-110611	11/6/2011	<23	U		<13	U		<15	U		<23	U		<21	U		18			<130	U		58		
		VMP-1-23.5-013112	1/31/2012	<45	U		<26	U		<29	U		<46	U		<42	U		11	J		<260	U		92		
		VMP-1-23.5-041612	4/16/2012	<3.6	U		<2.1	U		<2.3	U		<3.6	U		<3.3	U		<2	U		<20	U		7		
		VMP-1-23.5-071612	7/16/2012	<45	U		<26	U		<30	U		<46	U		<42	U		<25	U		<260	U		180		
		VMP-1-23.5-102412	10/24/2012	<91	U		<52	U		<59	U		<92	U		<84	U		<49	U		<510	U		96		
		VMP-1-23.5-012113	1/21/2013	0.027	J	J	<0.058	U	UJ	<0.066	U	UJ	<0.1	U	UJ	<0.094	U	UJ	0.14		J	<0.57	U	UJ	1		J
		VMP-1-23.5-012313-R	1/23/2013	<120	U		<70	U		<79	U		<120	U		<110	U		84			<690	U		510		
		VMP-1-23.5-050813	5/8/2013	<0.12	U		<0.067	U		<0.076	U		<0.12	U		<0.11	U		<0.064	U		<0.66	U		<0.055	U	
		VMP-1-23.5-050813-Dup	5/8/2013	<0.11	U		<0.063	U		<0.072	U		<0.11	U		<0.1	U		<0.06	U		<0.62	U		<0.051	U	
		VMP-1-23.5-072913	7/29/2013	0.0063	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.002	J	
		VMP-1-23.5-110413	11/4/2013	<0.0089	J	U	<0.0051	U		0.00038	J		<0.0091	U		<0.0083	U		0.00058	J		<0.05	U		0.00076	J	
		VMP-1-23.5-020714	2/7/2014	<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-1-23.5-043014	4/30/2014	<0.0085	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-1-23.5-080714	8/7/2014	0.023			<0.0053	U		0.0025	J		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		0.0011	J	
		VMP-1-23.5-103114	10/31/2014	0.0097			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-1-23.5-020915	2/9/2015	<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-1-23.5-050515	5/5/2015	0.0058	J		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-1-23.5-073015	7/30/2015	<0.012	J	U	<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U		<0.0054	U	
		VMP-1-23.5-110315	11/3/2015	0.0059	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		0.0019	J		<0.055	U		0.0014	J	
		VMP-1-23.5-020316	2/3/2016	<0.01	U		<0.0059	U		0.0061	J		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-1-23.5-050316	5/3/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.0011	J	
		VMP-1-23.5-050316-DUP	5/3/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0011	J	
		VMP-1-23.5-072516	7/25/2016	<0.0097	U		0.0015	J		<0.0063	U		<0.0098	U		<0.009	U		0.0053			<0.055	U		0.0068		
		VMP-1-23.5-072516-DUP	7/25/2016	<0.01	U		0.0022	J		<0.0068	U		<0.01	U		<0.0096	U		0.0055	J		<0.059	U		0.0071		
		VMP1-23.5-102816	10/28/2016	0.028			0.16			0.024			<0.0094	U		<0.0086	U		0.0027	J		<0.052	U		<0.0043	U	
	38.5 ft	VMP-1-38.5	11/2/2009	<8.4	U		<4.9	U		<5.5	U		<8.6	U		<7.8	U		130			<48	U		1000		
		VMP-1-38.5-073112	7/31/2012	0.053			0.0018	J		0.00085	J		<0.0072	U		<0.0065	U		0.0024	J		<0.04	U		<0.0033	U	
		VMP-1-38.5-102612	10/26/2012	<4.9	U		<2.8	U		<3.2	U		<5	U		<4.5	U		18			<28	U		98		
		VMP-1-38.5-012113	1/21/2013	<0.066	U	UJ	<0.038	U	UJ	<0.043	U	UJ	<0.067	U	UJ	<0.062	U	UJ	0.17		J	<0.38	U	UJ	0.94		J
		VMP-1-38.5-012313-R	1/23/2013	<90	U		<52	U		<58	U		<91	U		<83	U		69			<510	U		390		
		VMP-1-38.5-050913	5/9/2013	<290	U		<160	U		<190	U		<290	U		<270	U		210			<1600	U		1200		
		VMP-1-38.5-020714	2/7/2014	<0.09	U		<0.052	U		<0.059	U		<0.092	U		<0.084	U		<0.049	U		<0.51	U		0.014	J	
		VMP-1-38.5-020714-Dup	2/7/2014	<0.096	U		<0.055	U		<0.062	U		<0.097	U		<0.089	U		<0.052	U		<0.54	U		<0.045	U	
		VMP-1-38.5-043014	4/30/2014	<0.093	U		<0.053	U		<0.06	U		<0.094	U		<0.086	U		<0.05	U		<0.52	U		<0.043	U	
		VMP-1-38.5-080714	8/7/2014	<2.3	U	UJ	<1.4	U		0.48	J		<2.4	U		<2.2	U		2.3			<13	U		17		
		VMP-1-38.5-103114	10/31/2014	<0.091	U		<0.052	U		<0.059	U		<0.093	U		<0.084	U		<0.2	U		<0.52	U		<0.17	U	
		VMP-1-38.5-020915	2/9/2015	1.8			0.39	J		0.25	J		0.52	J		0.62	J		0.65			<5.6	U		0.52		
		VMP-1-38.5-020915-DUP	2/9/2015	<0.96	U		<0.55	U		0.57	J		<0.97	U		<0.89	U		<0.52	U		<5.4	U		<0.45	U	
		VMP-1-38.5-050515	5/5/2015	0.52	J		<0.58	U		0.24	J		<1	U		<0.93	U		1.4			<5.6	U		12		
		VMP-1-38.5-061515-R	6/15/2015	<0.11	U		<0.063	U		<0.072	U		<0.11	U		<0.1	U		<0.06	U		<0.62	U		0.23		
		VMP-1-38.5-073015	7/30/2015	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		0.0041	J		<0.062	U		0.0057		

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	5 ft	VMP-2-5	11/2/2009	<1.1	U		<0.63	U		<0.72	U		<1.1	U		<1	U		1.3			<6.2	U		13		
		VMP - 2 - 5 - 083110	8/31/2010	<3.4	U		<1.9	U		<2.2	U		<3.4	U		<3.1	U		<1.8	U		<19	U		<1.6	U	
		VMP-2-5-111610	11/16/2010	<5	U		<2.9	U		<3.2	U		<5	U		<4.6	U		<2.7	U		<28	U		42		
		VMP-2-5-020411	2/4/2011	<1.3	U		<0.75	U		<0.85	U		<1.3	U		<1.2	U		<0.71	U		<7.4	U		2.7		
		VMP-2-5-041311	4/13/2011	0.0071	J		0.0096			0.0011	J		<0.011	U		<0.0097	U		0.13			<0.059	U		0.087		
		VMP-2-5-080211	8/2/2011	<11	U		<6.3	U		<7.1	U		<11	U		<10	U		<5.9	U		<62	U		32		
		VMP-2-5-110711	11/7/2011	0.036			0.00091	J		0.0012	J		<0.0066	U		<0.006	U		0.0019	J		<0.036	U		<0.003	J	U
		VMP-2-5-012512	1/25/2012	0.93			0.058	J		<0.48	U		<0.74	U		<0.68	U		<0.4	U		<4.1	U		0.57		
		VMP-2-5-042512	4/25/2012	0.1			0.0056	J		<0.019	U		<0.029	U		<0.027	U		0.15			<0.16	U		0.32		
		VMP-2-5-071612	7/16/2012	0.14			0.008			0.0052			<0.0071	U		<0.0065	U		0.02			<0.04	U		0.024		
		VMP-2-5-102412	10/24/2012	0.073			0.0017	J		<0.007	U		<0.011	U		<0.01	U		0.0024	J		<0.061	U		0.003	J	
		VMP-2-5-013113	1/31/2013	0.004	J		<0.006	U		<0.0068	J	U	<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.00093	J	
		VMP-2-5-050613	5/6/2013	<0.0097	J	U	<0.0056	U		0.0043	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0011	J	
		VMP-2-5-022614	2/26/2014	0.0074	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-2-5-050114	5/1/2014	0.0059	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0016	J		<0.06	U		0.0013	J	
		VMP-2-5-111014	11/10/2014	<0.0081	U		<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		0.0017	J		<0.046	U		0.008		
		VMP-2-5-021015	2/10/2015	<0.0099	J	U	0.79			5.3		J	<0.01	U		<0.0092	U		0.099			<0.056	U		0.016		
		VMP-2-5-050615	5/6/2015	0.011	J		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-2-5-110415	11/4/2015	0.01			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		0.0024	J		<0.053	U		0.0056		
		VMP-2-5-020116	2/1/2016	0.0044	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-2-5-042716	4/27/2016	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-2-5-072616	7/26/2016	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-2-5-102616	10/26/2016	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	J	U
	8.5 ft	VMP-2-8.5	11/3/2009	<0.38	U		<0.22	U		<0.25	U		<0.39	U		<0.36	U		<0.21	U		<2.2	U		<0.18	U	
		VMP-2-8.5-D	11/3/2009	<0.41	U		<0.23	U		<0.26	U		<0.41	U		<0.38	U		<0.22	U		<2.3	U		<0.19	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	<3.5	U		<2	U		<2.3	U		<3.5	U		<3.2	U		<1.9	U		<20	U		38		
		VMP-2-8.5-111610	11/16/2010	<9.5	U		<5.5	U		<6.2	U		<9.6	U		<8.8	U		<5.2	U		<54	U		54		
		VMP-2-8.5-020411	2/4/2011	<3.2	U		<1.9	U		<2.1	U		<3.3	U		<3	U		<1.8	U		<18	U		6.1		
		VMP-2-8.5-041311	4/13/2011	<0.99	U		<0.57	U		<0.65	U		<1	U		<0.92	U		0.38	J		<5.6	U		0.16	J	
		VMP-2-8.5-080211	8/2/2011	<40	U		<23	U		<26	U		<41	U		<37	U		<22	U		<230	U		56		
		VMP-2-8.5-110711	11/7/2011	0.035	J		<0.049	U		<0.056	U		<0.087	U		<0.08	U		<0.047	U		<0.49	U		<0.04	U	
		VMP-2-8.5-012612	1/26/2012	<3.8	U		<2.2	U		<2.5	U		<3.9	U		<3.5	U		<2.1	U		<22	U		1.7	J	
		VMP-2-8.5-012612-DUP	1/26/2012	<3.8	U		<2.2	U		<2.5	U		<3.9	U		<3.5	U		<2.1	U		<22	U		2.3		J
		VMP-2-8.5-041612	4/16/2012	0.012		J	0.0043			0.0014	J		<0.0075	U		<0.0068	U		0.006			<0.042	U		0.0037		
		VMP-2-8.5-041612-Dup	4/16/2012	0.0094		J	0.0047			0.0011	J		<0.0077	U		<0.007	U		0.0053			<0.043	U		0.0037		
		VMP-2-8.5-071612	7/16/2012	0.12			0.0067			0.0049	J		<0.0086	U		<0.0078	U		0.0048			<0.048	U		0.0083		
		VMP-2-8.5-071612-Dup	7/16/2012	0.1			0.0084			0.0092			<0.007	U		<0.0064	U		0.0059			<0.039	U		0.0085		
		VMP-2-8.5-102312	10/23/2012	0.011			0.0056	J		0.0059	J		<0.011	U		<0.01	U		0.075			<0.062	U		0.18		
		VMP-2-8.5-020513	2/5/2013	0.0026	J		0.0025	J		<0.0073	U		<0.011	U		<0.01	U		0.009			<0.063	U		0.015		
		VMP-2-8.5-050613	5/6/2013	<0.01	U		0.003	J		<0.0068	J	U	<0.011	U		<0.0097	U		0.0027	J		<0.059	U		0.0036	J	
		VMP-2-8.5-050613-Dup	5/6/2013	<0.01	U		0.0023	J		<0.0066	U		<0.01	U		<0.0094	U		0.0039	J		<0.057	U		0.0032	J	
		VMP-2-8.5-022614	2/26/2014	0.011			<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-2-8.5-050114	5/1/2014	0.0082	J		0.003	J		0.0015	J		<0.0097	U		<0.0088	U		0.004	J		<0.054	U		0.02		
		VMP-2-8.5-081514	8/15/2014	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	
		VMP-2-8.5-081514-DUP	8/15/2014	0.0079	J		<0.0072	U		<0.0082	U		<0.013	U		<0.012	U		<0.0068	U		<0.071	U		<0.0059	U	
		VMP-2-8.5-111014	11/10/2014	0.0054	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-2-8.5-021015	2/10/2015	<0.01	J	U	<0.006	U		0.0051	J		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-2-8.5-050615	5/6/2015	<0.01	U		0.0019	J		0.0038	J		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-2-8.5-110415	11/4/2015	0.0082	J		<0.0061	U		0.0028	J		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0024	J	
		VMP-2-8.5-021616	2/16/2016	0.0084	J		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	
		VMP-2-8.5-042716	4/27/2016	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-2-8.5-072616	7/26/2016	<0.011	U		<0.0064	U		0.0045	J		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-2-8.5-102616	10/26/2016	<0.01	U		0.0031	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	J	U

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	22 ft	VMP-2-22	11/3/2009	<2.1	U		<1.2	U		<1.4	U		<2.1	U		<2	U		1.6			<12	U		13		
		VMP - 2 - 22 - 083110	8/31/2010	<5.3	U		<3.1	U		<3.5	U		<5.4	U		<4.9	U		<2.9	U		<30	U		63		
		VMP-2-22-111610	11/16/2010	<9.9	U		<5.7	U		<6.5	U		<10	U		<9.2	U		<5.4	U		<56	U		78		
		VMP-2-22-020411	2/4/2011	<4.5	U		<2.6	U		<2.9	U		<4.6	U		<4.2	U		<2.4	U		<25	U		35		
		VMP-2-22-041311	4/13/2011	<13	U		<7.6	U		<8.6	U		<13	U		<12	U		<7.2	U		<74	U		1.7	J	
		VMP-2-22-080211	8/2/2011	<53	U		<31	U		<35	U		<54	U		<49	U		<29	U		<300	U		59		
		VMP-2-22-110711	11/7/2011	0.68	J		<1.6	U		<1.8	U		<2.9	U		<2.6	U		<1.5	U		<16	U		0.47	J	
		VMP-2-22-012612	1/26/2012	<5.8	U		<3.4	U		<3.8	U		<5.9	U		<5.4	U		<3.2	U		<33	U		3.6		J
		VMP-2-22-042712	4/27/2012	0.017			0.002	J		0.0012	J		<0.0062	U		<0.0056	U		0.0032	J		<0.034	U		0.0051		
		VMP-2-22-071612	7/16/2012	0.28			0.01			0.0077			<0.0073	U		<0.0066	U		0.028			<0.04	U		0.034		
		VMP-2-22-102312	10/23/2012	0.012			<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		0.014			<0.062	U		0.037		
		VMP-2-22-013113	1/31/2013	0.0042	J		<0.0058	U		<0.0066	J	U	<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.00088	J	
		VMP-2-22-050613	5/6/2013	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		0.0016	J	
		VMP-2-22-081213	8/12/2013	<0.012	U		0.025			0.013			<0.012	U		<0.011	U		0.012			<0.066	U		0.031		
		VMP-2-22-111513	11/15/2013	<0.01	U		0.0027	J		0.0067			<0.01	U		<0.0093	U		0.0041	J		<0.057	U		0.0016	J	
		VMP-2-22-022614	2/26/2014	0.015			<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-2-22-050114	5/1/2014	0.0083	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		0.00084	J		<0.05	U		0.0016	J	
		VMP-2-22-081414	8/14/2014	<0.012	ND,UJ	UJ	<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-2-22-111014	11/10/2014	0.018			0.013			0.0095			<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.0035	J	
		VMP-2-22-021015	2/10/2015	0.023		J	0.0032	J		0.0031	J	J	<0.0099	U		<0.009	U		0.0042	J		<0.055	U		0.011		
		VMP-2-22-021015-DUP	2/10/2015	<0.0095	J	UJ	0.0024	J		0.0012	J	J	<0.0097	U		<0.0088	U		0.005	J		<0.054	U		0.0098		
		VMP-2-22-050615	5/6/2015	0.0096	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-2-22-073015	7/30/2015	0.013	J0	J	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-2-22-110415	11/4/2015	0.018			<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		0.0035	J		<0.056	U		0.0014	J	
		VMP-2-22-020116	2/1/2016	0.0086	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-2-22-020116-DUP	2/1/2016	0.0094	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-2-22-042716	4/27/2016	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	
		VMP-2-22-072616	7/26/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-2-22-102616	10/26/2016	0.011			0.0017	J		<0.0066	U		<0.01	U		<0.0094	U		0.003	J		<0.058	U		0.0015	J	
	42 ft	VMP-2-42	11/3/2009	<41	U	UJ	130			<27	U		<42	U		<38	U		1800			<230	U		7000		
		VMP-2-42-013113	1/31/2013	72	J		<56	U		13	J		<100	U		<91	U		100			53	J		620		
		VMP-2-42-050613	5/6/2013	<41	U		<24	U		<27	U		<42	U		<38	U		27			<230	U		85		
		VMP-2-42-022614	2/26/2014	<92	U		<53	U		<60	U		<94	U		<86	U		74			<520	U		870		
		VMP-2-42-050114	5/1/2014	<8.6	U		<4.9	U		<5.6	U		<8.7	U		<8	U		38			<49	U		390		
		VMP-2-42-081414	8/14/2014	<42	U	UJ	<24	U		<28	U		<43	U		<39	U		56			<240	U		480		
		VMP-2-42-021015	2/10/2015	<9	U		1.8	J		<5.8	U		<9.1	U		<8.3	U		130			<51	U		1000		
		VMP-2-42-050615	5/6/2015	44	J		<74	U		<84	U		<130	U		<120	U		220			<720	U		1400		
		VMP-2-42-061515-R	6/15/2015	<100	U		<59	U		<67	U		<100	U		<95	U		510			<580	U		3200		
		VMP-2-42-073015	7/30/2015	<610	U		<350	U		<400	U		<620	U		<570	U		200	J		<3400	U		1500		
VMP-3	5 ft	VMP-3-5	11/3/2009	<0.041	U		0.065			0.035			<0.041	U		<0.038	U		0.16			<0.23	U		0.58		
		VMP-3-5-090910	9/9/2010	<10	U		<5.8	U		<6.5	U		<10	U		<9.3	U		4.8	J		<57	U		110		
		VMP-3-5-112210	11/22/2010	<10	U		<5.8	U		<6.6	U		<10	U		<9.4	U		<5.5	U		<57	U		150		
		VMP-3-5-020911	2/9/2011	<4.6	U		<2.6	U		<3	U		<4.6	U		<4.2	U		<2.5	U		<26	U		25		
		VMP-3-5-041411	4/14/2011	<49	U		<28	U		<32	U		<50	U		<45	U		<27	U		<280	U		240		
		VMP-3-5-080211	8/2/2011	0.18			0.0028	J		0.0019	J		<0.012	U		<0.011	U		0.0027	J		<0.066	U		0.022		
		VMP-3-5-110811	11/8/2011	0.014			<0.0037	U		0.00043	J		<0.0066	U		<0.006	U		<0.0035	U		<0.036	U		<0.003	U	
		VMP-3-5-110811-DUP	11/8/2011	0.016			<0.0038	U		0.00045	J		<0.0067	U		<0.0061	U		0.0023	J		<0.037	U		0.0025	J	
		VMP-3-5-012712	1/27/2012	<3.3	U		<1.9	U		<2.2	U		<3.4	U		<3	U		<1.8	U		<19	U		58		
		VMP-3-5-041912	4/19/2012	0.025		J	0.0074			0.0037	J		<0.0073	U		<0.0067	U		0.011			<0.041	U		0.009		
		VMP-3-5-072712	7/27/2012	0.072			<0.0044	J	U	0.0028	J		<0.0077	U		<0.007	U		0.0029	J		<0.043	U		0.022		
		VMP-3-5-060413	6/4/2013	<0.012	J	U	<0.0069	U		0.0021	J		<0.012	U		<0.011	U		0.0021	J		<0.068	U		0.0036	J	
		VMP-3-5-072913	7/29/2013	0.0048	J		<0.0066	U		0.0029	J		<0.012	U		<0.011	U		0.0023	J		<0.065	U		0.0066		
		VMP-3-5-110613	11/6/2013	<0.0098	U		<0.0056	U		<0.0064	J	U	<0.01	U		<0.0091	U		0.0037	J		<0.055	U		0.013		
		VMP-3-5-021314	2/13/2014	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-3-5-050214	5/2/2014	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-3-5-081214	8/12/2014	0.024			<0.012	U		0.0027	J		<0.021	U		<0.019	U		0.033			<0.12	U		0.24		
		VMP-3-5-103114	10/31/2014	<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-3-5-020915	2/9/2015	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.0012	J		<0.052	U		<0.0043	U	
		VMP-3-5-050415	5/4/2015	0.0096	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0058	U		<0.061	U		<0.005	U	
		VMP-3-5-072915	7/29/2015	0.029			<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		0.0012	J		<0.056	U		0.0025	J	
		VMP-3-5-110515	11/5/2015	<0.0084	U		0.013			0.017			<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-3-5-021616	2/16/2016	0.085			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		0.0026	J	
		VMP-3-5-042716	4/27/2016	0.0052	J		0.0019	J		<0.0064	U		<0.0099	U		<0.009	U		0.017			<0.055	U		0.04		
		VMP-3-5-080116	8/1/2016	0.0056	J		<0.0085	U		<0.0096	U		<0.015	U		<0.014	U		0.0038	J		<0.083	U		0.0012	J	
		VMP-3-5-102616	10/26/2016	<0.01	J	U	0.0036	J		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	J	U

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10	6/21/2010	<11	U		<6.6	U		3.1	J		<12	U		<10	U		86			<65	U		1300		
		VMP 3-10-091010	9/10/2010	<32	U		<18	U		<21	U		<32	U		<30	U		87			<180	U		1100		
		VMP-3-10-092010	9/20/2010	<23	U		<13	U		<15	U		<24	U		<22	U		48			<130	U		660		
		VMP-3-10-112210	11/22/2010	<9.9	U		<5.7	U		<6.5	U		<10	U		<9.2	U		86			<56	U		1200		
		VMP-3-10-112210-Dup	11/22/2010	<14	U		<8	U		<9	U		<14	U		<13	U		82			<78	U		1100		
		VMP-3-10-020811	2/8/2011	<15	U		<8.4	U		<9.5	U		<15	U		<14	U		<8	U		<83	U		690		
		VMP-3-10-041311	4/13/2011	<85	U		<49	U		<55	U		<86	U		<79	U		<46	U		<480	U		560		
		VMP-3-10-080311	8/3/2011	0.1	J		<0.062	U		<0.07	U		<0.11	U		<0.099	U		<0.058	U		<0.6	U		0.1		
		VMP-3-10-110811	11/8/2011	0.01			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.0022	J	
		VMP-3-10-012712	1/27/2012	0.018	J		0.023	J		0.041	J		<0.064	U		<0.059	U		0.32			<0.36	U		1.7		
		VMP-3-10-042012	4/20/2012	0.021			0.002	J		0.0013	J		<0.0066	U		<0.006	U		0.0039			<0.036	U		0.015		
		VMP-3-10-072312	7/23/2012	0.018			<0.0044	U		0.00078	J		<0.0077	U		<0.007	U		<0.0041	U		<0.043	U		0.015		
		VMP-3-10-101812	10/18/2012	0.02			0.012			0.011			<0.012	U		<0.01	U		0.2			<0.065	U		0.46		
		VMP-3-10-020613	2/6/2013	0.0023	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-3-10-060413	6/4/2013	<0.011	J	U	<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		0.0044	J	
		VMP-3-10-072913	7/29/2013	0.0079	J		0.0022	J		0.0022	J		<0.011	U		<0.01	U		0.0011	J		<0.062	U		0.0022	J	
		VMP-3-10-110613	11/6/2013	0.0096	J		<0.0058	U		<0.0066	J	U	<0.01	U		<0.0094	U		0.0031	J		<0.057	U		0.051		
		VMP-3-10-022814	2/28/2014	0.0057	J	J	0.003	J		0.011		J	<0.0091	U		<0.0083	U		0.024			<0.051	U		0.011		
		VMP-3-10-022814-Dup	2/28/2014	0.011	J	J	0.0066			0.024		J	<0.0088	U		<0.008	U		0.025			<0.049	U		0.011		
		VMP-3-10-050214	5/2/2014	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-3-10-081214	8/12/2014	0.045			0.0024	J		<0.0074	U		<0.012	U		<0.01	U		0.013			<0.065	U		0.14		
		VMP-3-10-103114	10/31/2014	0.017			<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		0.0013	J		<0.056	U		0.0014	J	
		VMP-3-10-020915	2/9/2015	0.011			<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		0.0014	J		<0.048	U		0.0017	J	
		VMP-3-10-050415	5/4/2015	0.011	J		<0.0062	U		0.0023	J		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.00095	J	
		VMP-3-10-072915	7/29/2015	0.026			<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-3-10-110315	11/3/2015	0.0076	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		0.0027	J		<0.059	U		0.0026	J	
		VMP-3-10-021616	2/16/2016	0.0096			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-3-10-042716	4/27/2016	0.0072	J		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		0.0035	J		<0.064	U		0.0022	J	
		VMP-3-10-080216	8/2/2016	0.011			0.0026	J		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0029	J	
		VMP-3-10-102616	10/26/2016	0.0086	J		0.033			0.0033	J		<0.012	U		<0.011	U		<0.0064	U		<0.067	U		0.0028	J	
	22 ft	VMP-3-22	11/4/2009	<29	U	UJ	<17	U		<19	U		<30	U		<27	U		310			<160	U		4900		
		VMP-3-22-092010	9/20/2010	<31	U		9.4	J		7.7	J		<31	U		<28	U		130			<170	U		1500		
		VMP-3-22-112210	11/22/2010	<35	U		<20	U		<23	U		<36	U		<32	U		140			<200	U		2000		
		VMP-3-22-020811	2/8/2011	<17	U		3.6	J		<11	U		<18	U		<16	U		<9.4	U		<98	U		1400		
		VMP-3-22-041511	4/15/2011	<93	U		<54	U		<61	U		<95	U		<87	U		50			<530	U		850		
		VMP-3-22-080611	8/6/2011	0.16			0.025	J		<0.097	U		<0.15	U		<0.14	U		0.51			<0.84	U		3		
		VMP-3-22-110811	11/8/2011	0.12			<0.0038	U		<0.0043	J	U	<0.0067	U		<0.0061	U		<0.0036	U		<0.037	U		0.0014	J	
		VMP-3-22-013012	1/30/2012	<0.026	U		0.0087	J		<0.017	U		<0.027	U		<0.024	U		0.45			<0.15	U		1.2		
		VMP-3-22-042012	4/20/2012	0.022			0.0015	J		0.001	J		<0.0067	U		<0.0061	U		0.004			<0.037	U		0.012		
		VMP-3-22-072312	7/23/2012	0.013			<0.0042	U		<0.0048	U		<0.0075	U		<0.0068	U		0.0012	J		<0.042	U		0.00096	J	
		VMP-3-22-101812	10/18/2012	0.0042	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		0.0078			<0.063	U		0.0042	J	
		VMP-3-22-020613	2/6/2013	0.0042	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0012	J	
		VMP-3-22-060413	6/4/2013	0.0082	J		0.0013	J		<0.007	U		<0.011	U		<0.01	U		0.0016	J		<0.061	U		0.0021	J	
		VMP-3-22-060413-Dup	6/4/2013	<0.011	J	U	<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		0.002	J		<0.063	U		<0.0052	U	
		VMP-3-22-072913	7/29/2013	0.0047	J		0.0041	J		0.002	J		<0.011	U		<0.0098	U		0.0051	J		<0.06	U		0.0067		
		VMP-3-22-110613	11/6/2013	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-3-22-110613-Dup	11/6/2013	0.012			<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-3-22-021314	2/13/2014	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-3-22-050214	5/2/2014	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-3-22-081214	8/12/2014	0.0055	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0052	U	
		VMP-3-22-103114	10/31/2014	0.014			<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-3-22-020915	2/9/2015	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-3-22-050815	5/8/2015	0.0056	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0013	J	
		VMP-3-22-072915	7/29/2015	<0.011	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		0.003	J		<0.061	U		0.0087		
		VMP-3-22-110315	11/3/2015	0.0046	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		0.0027	J		<0.056	U		0.003	J	
		VMP-3-22-021616	2/16/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0058	U		<0.061	U		<0.005	U	
		VMP-3-22-042716	4/27/2016	0.0086	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.00096	J	
		VMP-3-22-080116	8/1/2016	0.012	J		<0.0077	U		<0.0087	U		<0.014	U		<0.012	U		0.0043	J		<0.075	U		0.0059	J	
		VMP-3-22-102616	10/26/2016	0.013			0.03			0.003	J		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.0051	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	31.5 ft	VMP-3-31.5	11/4/2009	<47	U		78			<30	U		<48	U		<43	U		870			<260	U		18000	E	J
		VMP-3-31.5-090910	9/9/2010	<57	U		57			53			<58	U		<53	U		1100			<320	U		25000		
		VMP-3-31.5-112210	11/22/2010	<40	U		50			17	J		<41	U		<37	U		1200			<230	U		20000		
		VMP-3-31.5-020911	2/9/2011	<38	U		33			<25	U		<39	U		<35	U		480			<220	U		6400		
		VMP-3-31.5-041411	4/14/2011	<310	U		<180	U		<200	U		<320	U		<290	U		510			<1800	U		9600		
		VMP-3-31.5-041411-DUP	4/14/2011	<310	U		<180	U		<200	U		<320	U		<290	U		450			<1800	U		8800		
		VMP-3-31.5-080211	8/2/2011	<710	U		<410	U		<460	U		<720	U		<660	U		860			<4000	U		18000		
		VMP-3-31.5-080211-Dup	8/2/2011	<410	U		<240	U		<270	U		<420	U		<380	U		1200			<2300	U		27000		
		VMP-3-31.5-110811	11/8/2011	5.7	J		<9.5	U		<11	U		<17	U		<15	U		55			<93	U		720		
		VMP-3-31.5-012712	1/27/2012	<100	U		<60	U		<68	U		<110	U		<97	U		88		J	<590	U		1700		J
		VMP-3-31.5-041912	4/19/2012	<180	U		<100	U		<120	U		<180	U		<170	U		240		J	<1000	U		6500		
		VMP-3-31.5-041912-Dup	4/19/2012	<170	U		<99	U		<110	U		<180	U		<160	U		180		J	<980	U		6600		
		VMP-3-31.5-072312	7/23/2012	<43	U		<25	U		<28	U		<44	U		<40	U		<23	U		<240	U		620		
		VMP-3-31.5-101912	10/19/2012	<3.5	U		<2	U		<2.3	U		<3.5	U		<3.2	U		<1.9	U		<20	U		14		
		VMP-3-31.5-020713	2/7/2013	<19	U		<11	U		<13	U		<20	U		<18	U		<10	U		<110	U		280		
		VMP-3-31.5-060413	6/4/2013	<11	U		3	J		4	J		<11	U		<9.9	U		<5.8	U		<60	U		99		
		VMP-3-31.5-072913	7/29/2013	<11	U		<6.4	U		<7.3	U		<11	U		<10	U		<6.1	U		<63	U		14		
		VMP-3-31.5-110613	11/6/2013	<0.47	U		<0.27	U		<0.31	U		<0.48	U		<0.44	U		<0.26	U		<2.7	U		0.67		
		VMP-3-31.5-022114	2/21/2014	<0.037	U		<0.021	U		<0.024	U		<0.038	U		<0.034	U		<0.02	U		<0.21	U		0.035		
		VMP-3-31.5-050214	5/2/2014	<0.48	U		<0.28	U		<0.31	U		<0.49	U		<0.44	U		<0.26	U		<2.7	U		0.059	J	
		VMP-3-31.5-081214	8/12/2014	0.029			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0018	J		<0.057	U		0.0094		
		VMP-3-31.5-103114	10/31/2014	0.046			<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-3-31.5-020915	2/9/2015	<0.0085	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		0.00081	J	
		VMP-3-31.5-110315	11/3/2015	0.016			<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		0.0027	J		<0.055	U		0.0028	J	
		VMP-3-31.5-020116	2/1/2016	0.0053	J		<0.0073	U		<0.0083	U		<0.013	U		<0.012	U		<0.0069	U		<0.072	U		<0.0059	U	
		VMP-3-31.5-042716	4/27/2016	0.0068	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		0.0031	J		<0.055	U		0.0017	J	
		VMP-3-31.5-080116	8/1/2016	0.011	J		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		0.00066	J	
		VMP-3-31.5-102616	10/26/2016	0.021			0.022			0.0033	J		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0013	J	
	39 ft	VMP-3-39	11/4/2009	<93	U		70			<61	U		<95	U		<86	U		780			<530	U		18000		
		VMP-3-39-101912	10/19/2012	<350	U		31	J		<230	U		<350	U		<320	U		<190	U		<2000	U		1200		
		VMP-3-39-021213	2/12/2013	<99	U		13	J		<65	U		<100	U		<92	U		<54	U		<560	U		2100		
		VMP-3-39-060413	6/4/2013	<10	U		4.4	J		2.6	J		<10	U		<9.6	U		<5.6	U		<59	U		270		
		VMP-3-39-072913	7/29/2013	<8.8	U		<5.1	U		<5.8	U		<9	U		<8.2	U		<4.8	U		<50	U		8.7		
		VMP-3-39-110613	11/6/2013	<9.5	U		2.2	J		<6.2	U		<9.6	U		<8.8	U		17			<54	U		1100		
		VMP-3-39-022114	2/21/2014	<91	U		<52	U		<59	U		<93	U		<84	U		<50	U		<520	U		830		
		VMP-3-39-050214	5/2/2014	<2	U		<1.2	U		<1.3	U		<2.1	U		<1.9	U		<1.1	U		<12	U		12		
		VMP-3-39-050214-Dup	5/2/2014	<4.3	U		<2.5	U		<2.8	U		<4.4	U		<4	U		<2.4	U		<24	U		10		
		VMP-3-39-081214	8/12/2014	<5.8	U	UJ	<3.4	U		<3.8	U		<5.9	U		<5.4	U		1.3	J		<33	U		26		
		VMP-3-39-103114	10/31/2014	<0.54	U		<0.31	U		<0.35	U		<0.55	U		<0.5	U		<1.2	U		<3.1	U		2.7		
		VMP-3-39-020915	2/9/2015	<30	U		<17	U		4.4	J		<30	U		<28	U		<16	U		<170	U		14	J	
		VMP-3-39-110315	11/3/2015	<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		0.0027	J		<0.053	U		0.0036	J	
		VMP-3-39-020116	2/1/2016	<0.011	U		0.0064			0.003	J		<0.011	U		<0.0098	U		0.0089			<0.06	U		0.021		
		VMP-3-39-020116-DUP	2/1/2016	<0.01	U		0.0064			0.0048	J		<0.01	U		<0.0096	U		0.011			<0.059	U		0.024		
VMP-4	5 ft	VMP-4-5	11/5/2009	<0.095	U		<0.055	U		<0.062	U		<0.097	U		<0.088	U		<0.052	U		<0.54	U		0.54		
		VMP-4-5-082510	8/25/2010	<0.54	U		<0.31	U		0.061	J		<0.55	U		<0.5	U		1.7			<3.1	U		13		
		VMP-4-5-112210	11/22/2010	<20	U		21			6.2	J		<21	U		<19	U		580			<110	U		1300		
		VMP-4-5-021411	2/14/2011	<1.2	U		<0.68	U		<0.77	U		<1.2	U		<1.1	U		30			<6.7	U		88		
		VMP-4-5-041911	4/19/2011	<55	U		<31	U		<36	U		<56	U		<51	U		380			<310	U		1200		
		VMP-4-5-080311	8/3/2011	0.22			<0.068	U		<0.076	U		<0.12	U		<0.11	U		0.054	J		<0.66	U		0.6		
		VMP-4-5-110911	11/9/2011	0.028			0.00078	J		<0.0042	J	U	<0.0066	U		<0.006	U		0.0018	J		<0.036	U		0.0032		
		VMP-4-5-013012	1/30/2012	<0.33	U		<0.19	U		<0.22	U		<0.34	U		<0.3	U		2.2		J	<1.9	U		12		J
		VMP-4-5-042512	4/25/2012	0.089			0.0082			0.0041	J		<0.0083	U		<0.0076	U		0.22			<0.046	U		0.58		
		VMP-4-5-072512	7/25/2012	0.095			0.021			0.0093			<0.0082	U		<0.0075	U		0.03			<0.046	U		0.012		
		VMP-4-5-101812	10/18/2012	0.041			<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		0.0018	J		<0.066	U		<0.0055	U	
		VMP-4-5-020713	2/7/2013	0.0034	J		<0.0054	U		0.0024	J		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		0.0017	J	
		VMP-4-5-050913	5/9/2013	0.015		J	0.0022	J		0.0023	J		<0.012	U		<0.011	U		<0.0064	U		<0.067	U		0.0093		
		VMP-4-5-080113	8/1/2013	0.0036	J		<0.0066	U		<0.0074	J	U	<0.012	U		<0.01	U		0.007			<0.065	U		0.0042	J	
		VMP-4-5-120313-R	12/3/2013	0.018			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-4-5-022714	2/27/2014	<0.0084	U		<0.0048	U		0.0024	J		<0.0085	U		<0.0078	U		0.0088			<0.048	U		0.023		
		VMP-4-5-050214	5/2/2014	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-4-5-081514	8/15/2014	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0052	U	
		VMP-4-5-021015	2/10/2015	<0.0097	J	U	<0.0056	U		0.00099	J	J	<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		0.0008	J	
		VMP-4-5-110215	11/2/2015	0.007	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-4-5-020316	2/3/2016	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		0.0012	J		<0.053	U		0.0013	J	
		VMP-4-5-050516	5/5/2016	<0.44	U		0.63			0.58			<0.45	U		<0.41	U		0.13	J		<2.5	U		0.91		
		VMP-4-5-080216	8/2/2016	0.013			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.005	J		<0.057	U		0.0035	J	
		VMP-4-5-102816	10/28/2016	0.011			0.061			0.0081			<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	12 ft	VMP-4-12	11/5/2009	<1.6	U		<0.92	U		1.2			<1.6	U		<1.5	U		35			<9	U		130		
		VMP-4-12-082510	8/25/2010	<9.5	U		7.8			3.6	J		<9.6	U		<8.8	U		420			<54	U		1200		
		VMP-4-12-112310	11/23/2010	<9.7	U		1.7	J		4.7	J		<9.9	U		<9	U		240			<55	U		690		
		VMP-4-12-021411	2/14/2011	<2.4	U		<1.4	U		0.97	J		<2.5	U		<2.3	U		24			<14	U		160		
		VMP-4-12-041911	4/19/2011	<47	U		33			11	J		<48	U		<44	U		480			<270	U		1300		
		VMP-4-12-080311	8/3/2011	<5.4	U		<3.1	U		<3.5	U		<5.5	U		<5	U		41			<31	U		170		
		VMP-4-12-080311-Dup	8/3/2011	<11	U		<6.3	U		<7.1	U		<11	U		<10	U		36			<62	U		150		
		VMP-4-12-110911	11/9/2011	<1.6	U		<0.95	U		<1.1	U		<1.7	U		<1.5	U		1.6			<9.3	U		11		
		VMP-4-12-013012	1/30/2012	<3.4	U		0.46	J		<2.2	U		<3.4	U		<3.1	U		95			<19	U		260		
		VMP-4-12-041812	4/18/2012	0.03		J	0.0042	J		<0.0049	U		<0.0077	U		<0.007	U		0.0064			<0.043	U		0.011		
		VMP-4-12-072312	7/23/2012	0.06			0.09			<0.024	U		<0.037	U		<0.034	U		0.48			<0.21	U		0.2		
		VMP-4-12-101812	10/18/2012	0.019			0.019			0.0012	J		<0.012	U		<0.01	U		0.014			<0.065	U		0.0032	J	
		VMP-4-12-101812-Dup	10/18/2012	0.012			0.023			0.0019	J		<0.012	U		<0.011	U		0.016			<0.066	U		0.0032	J	
		VMP-4-12-020713	2/7/2013	0.0031	J		<0.0058	U		0.007			<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-4-12-020713-DUP	2/7/2013	0.0037	J		<0.006	U		<0.0068	J	U	<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0027	J	
		VMP-4-12-050913	5/9/2013	<0.023	U		<0.013	U		0.029			<0.023	U		<0.021	U		0.038			<0.13	U		0.044		
		VMP-4-12-080113	8/1/2013	<0.011	U		<0.0066	U		<0.0075	J	U	<0.012	U		<0.011	U		0.006			<0.065	U		0.0038	J	
		VMP-4-12-120313-R	12/3/2013	0.01	J		<0.006	U		0.0054	J		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		0.0019	J	
		VMP-4-12-022714	2/27/2014	<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0016	J	
		VMP-4-12-050214	5/2/2014	<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-4-12-081414	8/14/2014	<0.01	ND,UJ	UJ	0.0028	J		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-4-12-021015	2/10/2015	<0.0098	J	U	<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0063		
		VMP-4-12-051115	5/11/2015	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0024	J	
		VMP-4-12-080315	8/3/2015	0.0087	J		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-4-12-110215	11/2/2015	0.011	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0013	J		<0.062	U		<0.0051	U	
		VMP-4-12-020316	2/3/2016	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		0.0013	J	
		VMP-4-12-050316	5/3/2016	<0.01	U		<0.006	U		0.064			<0.01	U		<0.0096	U		0.0058			<0.059	U		0.0067		
		VMP-4-12-080216	8/2/2016	0.0061	J		<0.0071	U		<0.0081	U		<0.012	U		<0.011	U		<0.0067	U		<0.07	U		0.00097	J	
		VMP-4-12-102816	10/28/2016	<0.01	J	U	0.018			0.0029	J		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
	23.5 ft	VMP-4-23.5	11/5/2009	<73	U		720			110			<74	U		<68	U		3600			<410	U		14000		
		VMP - 4 - 23.5 - 083110	8/31/2010	<11	U		960		J	230		J	<11	U		<10	U		4100		J	<62	U		13000		J
		VMP-4-23.5-112310	11/23/2010	<110	U		630			58	J		<110	U		<100	U		3900			<620	U		15000		
		VMP-4-23.5-021411	2/14/2011	<4	U		93		J	1.2	J	J	<4.1	U		<3.7	U		1700		J	<23	U		12000		
		VMP-4-23.5-042011	4/20/2011	65	J		530			69	J		<260	U		<240	U		2900			<1400	U		13000		
		VMP-4-23.5-042011-DUP	4/20/2011	<250	U		490			69	J		<260	U		<240	U		2800			<1400	U		13000		
		VMP-4-23.5-080611	8/6/2011	<10	U		180			21			<11	U		<9.8	U		2200			<60	U		11000		
		VMP-4-23.5-110911	11/9/2011	<32	U		4	J		<21	U		<32	U		<29	U		740			<180	U		6200		
		VMP-4-23.5-013012	1/30/2012	<67	U		140		J	<44	U		<68	U		<62	U		4700		J	<380	U		14000		J
		VMP-4-23.5-013012-DUP	1/30/2012	<47	U		52		J	<31	U		<48	U		<44	U		3200		J	<270	U		11000		
		VMP-4-23.5-041912	4/19/2012	<15	U		16			<9.6	U		<15	U		<14	U		2400			<84	U		4800		
		VMP-4-23.5-072312	7/23/2012	<7.1	U		110			15			<7.2	U		<6.6	U		1700			<40	U		1500		
		VMP-4-23.5-101812	10/18/2012	<7.8	U		3.9	J		<5.1	U		<7.9	U		<7.2	U		65			<44	U		140		
		VMP-4-23.5-020713	2/7/2013	<2.5	U		<1.4	U		<1.6	U		<2.5	U		<2.3	U		<1.4	U		<14	U		82		
		VMP-4-23.5-051513	5/15/2013	<2.9	U		48			120			<3	U		<2.7	U		290			<17	U		630		
		VMP-4-23.5-080113	8/1/2013	<11	U		11			83		J	<11	U		<10	U		300	J	J	<62	U		510		
		VMP-4-23.5-080113-Dup	8/1/2013	<11	U		9.6			64		J	<11	U		<10	U		240	J	J	<62	U		430		
		VMP-4-23.5-110713	11/7/2013	<1.8	U		4.1			61			<1.8	U		<1.7	U		210			<10	U		300		
		VMP-4-23.5-022714	2/27/2014	<0.34	U		1.7			36			<0.35	U		<0.32	U		48			<1.9	U		91		
		VMP-4-23.5-050214	5/2/2014	<0.83	U		7.5			74			<0.85	U		<0.77	U		120			<4.7	U		200		
		VMP-4-23.5-081314	8/13/2014	<0.21	ND,UJ	UJ	<0.12	U		0.035	J		<0.22	U		<0.2	U		0.27			<1.2	U		2.4		
		VMP-4-23.5-090414-R	9/4/2014	<0.45	U		<0.26	U		<0.29	U		<0.46	U		<0.42	U		<0.24	U		<2.5	U		2.5		
		VMP-4-23.5-110714	11/7/2014	<0.5	U		<0.29	U		0.29	J		<0.5	U		<0.46	U		13			<2.8	U		96		
		VMP-4-23.5-021015	2/10/2015	<1.1	U		0.33	J		4.8			<1.1	U		<1	U		30			<6.2	U		140		
		VMP-4-23.5-050815	5/8/2015	17			3.5			13			<1.1	U		<0.97	U		27			<5.9	U		100		
		VMP-4-23.5-061515-R	6/15/2015	<0.11	U		2.5		J	20		J	<0.11	U		<0.1	U		44		J	<0.64	U		170	E	J
		VMP-4-23.5-073015	7/30/2015	<0.42	U		0.86			6			<0.42	U		<0.39	U		18			<2.4	U		82		
		VMP-4-23.5-110215	11/2/2015	<0.21	U		0.3			1.7			<0.21	U		<0.19	U		7.5			<1.2	U		52		
		VMP-4-23.5-020316	2/3/2016	<1.8	U		<1	U		0.15	J		<1.8	U		<1.6	U		5.4			<10	U		61		
		VMP-4-23.5-020316-DUP	2/3/2016	<1.7	U		<0.99	U		<1.1	U		<1.7	U		<1.6	U		4.3			<9.7	U		51		
		VMP-4-23.5-050316	5/3/2016	<0.14	U		0.018	J	J	0.11		J	<0.14	U		<0.13	U		6.5		J	<0.78	U		48		J
		VMP-4-23.5-080216	8/2/2016	0.92			<0.29	U		<0.33	U		<0.52	U		<0.47	U		0.89			<2.9	U		14		
		VMP-4-23.5-080216-DUP	8/2/2016	1.2			<0.3	U		<0.34	U		<0.53	U		<0.48	U		0.94			<2.9	U		16		
		VMP-4-23.5-092316-DUP-R	9/23/2016	<0.11	U		0.012	J	J	0.036	J	J	<0.11	U		<0.1	U		<0.061	U		<0.63	U		14		J
		VMP-4-23.5-092316-R	9/23/2016	<0.12	U		<0.069	U		0.034	J	J	<0.12	U		<0.11	U		<0.066	U		<0.68	U		14		J
		VMP-4-23.5-102816	10/28/2016	0.03	J		0.14			0.02	J		<0.11	U		<0.098	U		<0.058	U		<0.6	U		3.6		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	39 ft	VMP-4-39	11/5/2009	<56	U		620			120			<57	U		<52	U		3500			<320	U		14000		
		VMP-4-39-042111	4/21/2011	<320	U		420			51	J		<320	U		<290	U		2700			<1800	U		13000		
		VMP-4-39-041912	4/19/2012	<7.6	U		120			12			<7.7	U		<7	U		3200			<43	U		10000		
		VMP-4-39-072312	7/23/2012	<11	U		170		J	18		J	<12	U		<10	U		3800		J	<64	U		2700		J
		VMP-4-39-101812	10/18/2012	<140	U		110			<93	U		<140	U		<130	U		1400			<810	U		2200		
		VMP-4-39-101812-Dup	10/18/2012	<130	U		100			<85	U		<130	U		<120	U		1400			<740	U		2200		
		VMP-4-39-020713	2/7/2013	<20	U		450			58			<21	U		<19	U		2300			<110	U		4500		
		VMP-4-39-051513	5/15/2013	<11	U		1200			460			<11	U		<10	U		1800			<62	U		1200		
		VMP-4-39-110713	11/7/2013	<10	U		110			330			<10	U		<9.4	U		120			<57	U		240		
		VMP-4-39-022714	2/27/2014	<4.4	U		130			190			<4.5	U		<4.1	U		480			<25	U		740		
		VMP-4-39-050214	5/2/2014	<9.4	U		160			170			<9.6	U		<8.8	U		1100			<54	U		2000		
		VMP-4-39-081314	8/13/2014	<2	U	UJ	3.1			140			<2	U		<1.8	U		12			<11	U		32		
VMP-5	5 ft	VMP-5-5	11/5/2009	<1.7	U		<0.97	U		<1.1	U		<1.7	U		<1.6	U		9.1			<9.6	U		170		
		VMP-5-5-090910	9/9/2010	<20	U		<11	U		20			<20	U		<18	U		140			<110	U		1500		
		VMP-5-5-112210	11/22/2010	<4.9	U		<2.8	U		<3.2	U		<4.9	U		<4.5	U		120			<28	U		1400		
		VMP-5-5-021611	2/16/2011	<0.031	U		0.0041	J	J	<0.02	U		<0.032	U		<0.029	U		<0.017	U		<0.18	U		<0.014	U	
		VMP-5-5-042111	4/21/2011	<0.099	U		<0.057	U		<0.065	U		<0.1	U		<0.092	U		<0.054	U		<0.56	U		0.035	J	
		VMP-5-5-080511	8/5/2011	0.073			0.0032	J		0.0022	J		<0.0096	U		<0.0088	U		0.047			<0.054	U		0.083		
		VMP-5-5-111111	11/11/2011	0.014			0.002	J		0.0024	J		<0.0071	U		<0.0065	U		0.23			<0.04	U		0.11		
		VMP-5-5-013012	1/30/2012	0.088			0.036	J		0.02	J		<0.072	U		<0.065	U		0.1			<0.4	U		0.63		
		VMP-5-5-041112	4/11/2012	0.018			0.0041			0.0019	J		0.0018	J		<0.0064	U		0.0028	J		<0.039	U		0.0019	J	
		VMP-5-5-071312	7/13/2012	0.035			<0.0044	J	U	0.0023	J		<0.0078	U		<0.0071	U		0.0029	J		<0.043	U		<0.0036	J	U
		VMP-5-5-101212	10/12/2012	0.0034	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0019	J	
		VMP-5-5-012513	1/25/2013	0.0047	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-5-5-042913	4/29/2013	<0.01	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-5-5-082313-R	8/23/2013	<0.012	U		<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U	UJ	<0.0054	U	
		VMP-5-5-110513	11/5/2013	0.017			0.00076	J		0.0004	J		<0.0091	U		<0.0083	U		0.0019	J		<0.051	U		0.001	J	
		VMP-5-5-021814	2/18/2014	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-5-5-042814	4/28/2014	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		0.0024	J		0.0038	J		<0.058	U		0.0015	J	
		VMP-5-5-080814	8/8/2014	0.016			<0.0055	U		0.0015	J		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-5-5-110514	11/5/2014	0.0071	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.0018	J		<0.051	U		<0.0042	U	
		VMP-5-5-013015	1/30/2015	0.0056	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-5-5-042915	4/29/2015	0.02			<0.0058	U		<0.0065	U		<0.01	J	U	<0.0093	U		<0.0054	U		<0.056	J	U	0.0038	J	
		VMP-5-5-072915	7/29/2015	0.014			<0.0076	U		<0.0086	U		<0.013	U		<0.012	U		<0.0072	U		<0.074	U		<0.0061	U	
		VMP-5-5-102915	10/29/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-5-5-012516	1/25/2016	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-5-5-042816	4/28/2016	0.0064	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0013	J	
		VMP-5-5-072816	7/28/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-5-5-102516	10/25/2016	<0.01	J	U	0.0019	J		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0014	J	
	12.5 ft	VMP-5-12.5	11/6/2009	<1.9	U		<1.1	U		<1.3	U		<2	U		<1.8	U		46			<11	U		650		
		VMP-5-12.5-D	11/6/2009	<4.4	U		<2.5	U		<2.8	U		<4.4	U		<4	U		47			<25	U		640		
		VMP-5-12.5-090910	9/9/2010	<9.9	U		<5.7	U		9.2			<10	U		<9.2	U		120			<56	U		1300		
		VMP-5-12.5-112310	11/23/2010	<0.5	U		0.1	J		<0.32	U		<0.5	U		<0.46	U		<0.27	U		<2.8	U		15		
		VMP-5-12.5-021611	2/16/2011	<1.5	U		<0.86	U		<0.98	U		<1.5	U		<1.4	U		5.8			<8.5	U		110		
		VMP-5-12.5-042111	4/21/2011	<0.11	U		<0.061	U		<0.069	U		<0.11	U		<0.098	U		<0.058	U		<0.6	U		0.03	J	
		VMP-5-12.5-080611	8/6/2011	<9.3	U		<5.4	U		<6.1	U		<9.5	U		<8.7	U		27			<53	U		340		
		VMP-5-12.5-111111	11/11/2011	0.011			0.001	J		0.00067	J		<0.0067	U		<0.0062	U		0.0024	J		<0.038	U		0.0018	J	
		VMP-5-12.5-013012	1/30/2012	0.032			0.0032	J		0.0024	J		<0.022	U		<0.02	U		0.035			<0.12	U		0.18		
		VMP-5-12.5-041112	4/11/2012	0.043			0.0026	J		0.0015	J		<0.0067	U		<0.0061	U		0.0027	J		<0.037	U		0.0053		
		VMP-5-12.5-071212	7/12/2012	0.011			0.0043			0.012			<0.0079	U		<0.0072	U		0.0017	J		<0.044	U		0.0012	J	
		VMP-5-12.5-101112	10/11/2012	0.015	J	J	<0.011	U		<0.012	U		<0.019	U		<0.017	U		<0.01	U		<0.1	U		0.0016	J	
		VMP-5-12.5-012413	1/24/2013	0.0043	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-5-12.5-042913	4/29/2013	0.0066	J		0.0022	J		0.0057	J		<0.012	U		<0.011	U		0.0024	J		<0.067	U		0.0045	J	
		VMP-5-12.5-080113	8/1/2013	0.012			0.0022	J		<0.0077	J	U	<0.012	U		<0.011	U		0.0024	J		<0.066	U		<0.0055	U	
		VMP-5-12.5-110513	11/5/2013	0.0057	J		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		0.00047	J		<0.055	U		0.00052	J	
		VMP-5-12.5-021814	2/18/2014	0.016			<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		0.0028	J		<0.054	U		0.0017	J	
		VMP-5-12.5-042814	4/28/2014	<0.0099	J	U	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.00073	J	
		VMP-5-12.5-080814	8/8/2014	0.0075	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
		VMP-5-12.5-110514	11/5/2014	0.0054	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-5-12.5-110514-DUP	11/5/2014	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-5-12.5-013015	1/30/2015	0.005	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-5-12.5-042915	4/29/2015	0.0075	J		<0.0062	U		<0.007	U		<0.011	J	U	<0.01	U		0.0026	J		0.057	J		0.0036	J	
		VMP-5-12.5-072915	7/29/2015	0.027			<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		0.0052	J		<0.067	U		0.0088		
		VMP-5-12.5-102915	10/29/2015	0.0084	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-5-12.5-012516	1/25/2016	0.0058	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-5-12.5-042816	4/28/2016	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.0011	J	
		VMP-5-12.5-072816	7/28/2016	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-5-12.5-102516	10/26/2016	<0.0095	J	U	0.0016	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0013	J	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31	11/6/2009	<18	U		<10	U		<12	U		<18	U		<17	U		910			<100	U		4900		
		VMP-5-31-090910	9/9/2010	<41	U		<24	U		<27	U		<42	U		<38	U		1300			<230	U		7700		
		VMP-5-31-112310	11/23/2010	<26	U		<15	U		<17	U		<26	U		<24	U		1700			<150	U		8200		
		VMP-5-31-021611	2/16/2011	<10	U		<6	U		<6.8	U		<10	U		<9.6	U		950			<59	U		5600		
		VMP-5-31-042111	4/21/2011	<160	U		<89	U		<100	U		<160	U		<140	U		900			<880	U		6200		
		VMP-5-31-080611	8/6/2011	<87	U		<50	U		<57	U		<89	U		<81	U		780			<490	U		5800		
		VMP-5-31-111111	11/11/2011	<44	U		<25	U		<29	U		<45	U		<41	U		220			<250	U		2200		
		VMP-5-31-013012	1/30/2012	<22	U		<13	U		<15	U		<23	U		<21	U		82			<130	U		740		
		VMP-5-31-041112	4/11/2012	<0.072	U		<0.041	U		<0.047	U		<0.073	U		<0.067	U		0.062			<0.41	U		0.32		
		VMP-5-31-071212	7/12/2012	0.021			<0.0044	U		<0.0049	J	U	<0.0077	U		<0.007	U		0.017			<0.043	U		0.057		
		VMP-5-31-101112	10/11/2012	0.0055	J	J	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0039	J		<0.06	U		0.015		
		VMP-5-31-012413	1/24/2013	<0.1	U		<0.061	U		<0.069	U		<0.11	U		<0.098	U		<0.057	U		<0.6	U		0.036	J	
		VMP-5-31-042913	4/29/2013	0.011	J		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		0.0016	J		<0.061	U		0.011		
		VMP-5-31-080113	8/1/2013	0.011			<0.0064	U		<0.0073	J	U	<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0053		
		VMP-5-31-110513	11/5/2013	0.0092	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0013	J		<0.056	U		0.0038	J	
		VMP-5-31-110513-Dup	11/5/2013	0.008	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		0.0016	J		<0.054	U		0.0037	J	
		VMP-5-31-021814	2/18/2014	0.34			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0023	J	
		VMP-5-31-042814	4/28/2014	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0016	J	
		VMP-5-31-080814	8/8/2014	0.019			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.0029	J		<0.052	U		<0.0043	U	
		VMP-5-31-110514	11/5/2014	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-5-31-013015	1/30/2015	0.01	J		0.0035	J		<0.0075	J	U	<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-5-31-042915	4/29/2015	0.0044	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0017	J		<0.059	U		0.0028	J	
		VMP-5-31-072915	7/29/2015	0.012			<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.0014	J		<0.061	U		<0.005	U	
		VMP-5-31-102915	10/29/2015	0.017			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-5-31-030916-R	3/9/2016	0.005	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-5-31-042816	4/28/2016	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-5-31-072816	7/28/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-5-31-102516	10/26/2016	0.014			0.0056	J		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	J	U
	40 ft	VMP-5-40	11/6/2009	<25	U		<14	U		<16	U		<25	U		<23	U		810			<140	U		4400		
		VMP-5-40-042111	4/21/2011	<160	U		<94	U		<100	U		<160	U		<150	U		730			<920	U		4900		
		VMP-5-40-013012	1/30/2012	<47	U		<27	U		<31	U		<48	U		<44	U		53			<270	U		560		
		VMP-5-40-041212	4/12/2012	<0.07	U		0.0073	J		0.0078	J		<0.072	U		<0.065	U		0.21			<0.4	U		1.5		
		VMP-5-40-071212	7/12/2012	<0.076	U		<0.044	U		<0.049	U		<0.077	U		<0.07	U		<0.041	U		<0.43	U		0.02	J	
		VMP-5-40-101112	10/11/2012	0.0075	J	J	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		0.0031	J		<0.063	U		0.0076		
		VMP-5-40-012513	1/25/2013	<0.032	U		<0.019	U		<0.021	U		<0.033	U		<0.03	U		0.01	J		<0.18	U		0.026		
		VMP-5-40-012513-Dup	1/25/2013	<0.032	U		<0.018	U		<0.021	U		<0.032	U		<0.029	U		<0.017	U		<0.18	U		0.013	J	
		VMP-5-40-042913	4/29/2013	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.004	J		<0.061	U		0.009		
		VMP-5-40-080113	8/1/2013	0.014			<0.0067	U		<0.0076	J	U	<0.012	U		<0.011	U		<0.0063	U		<0.066	U		0.0097		
		VMP-5-40-110513	11/5/2013	<0.0091	J	U	<0.0052	U		<0.0059	U		0.00058	J		<0.0084	U		0.0026	J		<0.052	U		0.0029	J	
		VMP-5-40-021814	2/18/2014	<0.0095	U		0.0038	J		0.011			<0.0097	U		<0.0088	U		0.083		J	<0.054	U		0.053		J
		VMP-5-40-021814-Dup	2/18/2014	<0.0093	U		0.0032	J		0.0089			<0.0095	U		<0.0087	U		0.041		J	<0.053	U		0.021		J
		VMP-5-40-042814	4/28/2014	<0.015		U	<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.0021	J		<0.061	U		0.0035	J	
		VMP-5-40-042814-Dup	4/28/2014	0.021			<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		0.0044	J	
		VMP-5-40-080814	8/8/2014	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0024	J	
		VMP-5-40-080814-DUP	8/8/2014	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		0.0018	J		<0.057	U		0.0021	J	
		VMP-5-40-110514	11/5/2014	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0028	J	
		VMP-5-40-013015	1/30/2015	0.0047	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		0.0022	J	
		VMP-5-40-042915	4/29/2015	<0.011	U		<0.0061	U		<0.007	U		<0.011	J	U	<0.0099	U		<0.0058	U		<0.06	U		0.0022	J	
		VMP-5-40-072915	7/29/2015	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		0.018	J		<0.0049	U	
		VMP-5-40-102915	10/29/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-5-40-012516	1/25/2016	<0.0092	U		0.0059			0.0033	J		<0.0094	U		<0.0086	U		0.011			<0.052	U		0.033		
		VMP-5-40-012516-DUP	1/25/2016	<0.0094	U		0.0071			0.0033	J		<0.0096	U		<0.0087	U		0.012			<0.053	U		0.035		
		VMP-5-40-042816	4/28/2016	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0013	J	
		VMP-5-40-072816	7/28/2016	<0.0099	U		<0.0057	U		0.0036	J		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-5-40-102516	10/26/2016	<0.0093	J	U	0.0058			<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0015	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	5 ft	VMP-6-5	11/6/2009	<3	U		6.5		J	<1.9	U		<3	U		<2.8	U		380		J	<17	U		720		J
		VMP-6-5-090810	9/8/2010	<1.6	U		<0.96	U		1	J		<1.7	U		<1.5	U		43			<9.4	U		130		
		VMP-6-5-111610	11/16/2010	<10	U		5.5	J		<6.8	U		<10	U		<9.6	U		600			<59	U		1100		
		VMP-6-5-020711	2/7/2011	0.0051	J		0.013			0.0071			<0.0091	U		<0.0083	U		0.03			<0.051	U		0.022		
		VMP-6-5-040811	4/8/2011	0.02			<0.011	U		<0.013	U		<0.02	U		<0.018	U		<0.011	U		<0.11	U		<0.0091	U	
		VMP-6-5-080411	8/4/2011	<0.5	U		0.1	J		<0.33	U		<0.51	U		<0.47	U		3.7			<2.8	U		32		
		VMP-6-5-110911	11/9/2011	0.034			0.075			0.025			<0.0062	U		<0.0056	U		0.045			<0.034	U		0.055		
		VMP-6-5-013112	1/31/2012	0.076			0.0078	J		0.0065	J		<0.073	U		<0.066	U		0.43			<0.4	U		1.3		
		VMP-6-5-041212	4/12/2012	0.0053	J		0.0019	J		<0.0049	U		<0.0077	U		<0.007	U		0.009			<0.043	U		0.0094		
		VMP-6-5-071612	7/16/2012	0.012			<0.0044	J	U	0.0019	J		<0.0077	U		<0.007	U		0.0025	J		<0.043	U		0.0037		
		VMP-6-5-101012	10/10/2012	0.0028	J	J	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-6-5-021213	2/12/2013	0.004	J		<0.0054	U		<0.0061	J	U	<0.0095	U		<0.0086	U		0.0019	J		<0.053	U		0.015		
		VMP-6-5-022714	2/27/2014	<0.01	U		0.0017	J		<0.0066	U		<0.01	U		<0.0094	U		0.0042	J		<0.058	U		0.0045	J	
		VMP-6-5-042914	4/29/2014	<0.0098	J	U	<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		0.0032	J		<0.056	U	UJ	0.0027	J	
		VMP-6-5-080814	8/8/2014	0.0079	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-6-5-110514	11/5/2014	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-6-5-020915	2/9/2015	<0.0091	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.0038	J		0.014	J		0.01		
		VMP-6-5-042915	4/29/2015	0.0049	J		<0.0057	U		<0.0064	U		<0.01	J	U	<0.0092	U		<0.0054	U		<0.056	U		0.0011	J	
		VMP-6-5-072715	7/27/2015	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-6-5-102915	10/29/2015	0.0048	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0015	J		0.0047	J		<0.0044	U	
		VMP-6-5-020116	2/1/2016	0.0067	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.018			<0.061	U		0.006		
		VMP-6-5-042516	4/25/2016	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0015	J	
		VMP-6-5-072816	7/28/2016	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-6-5-102816	10/28/2016	<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
	10 ft	VMP-6-10	11/6/2009	<3.2	U		5.2			<2.1	U		<3.3	U		<3	U		480			<18	U		900		
		VMP-6-10-090810	9/8/2010	<1.8	U		0.68	J	J	0.9	J	J	<1.8	U		<1.7	U		160		J	<10	U		400		J
		VMP-6-10-111710	11/17/2010	0.0037	J		0.0014	J		<0.0063	U		<0.0099	U		<0.009	U		0.0043	J		<0.055	U		0.013		
		VMP-6-10-020711	2/7/2011	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0018	J		<0.054	U		0.0038	J	
		VMP-6-10-040811	4/8/2011	0.12	J		0.028	J		<0.15	U		<0.23	U		<0.21	U		<0.12	U		<1.3	U		<0.11	U	
		VMP-6-10-080411	8/4/2011	<1.6	U		0.18	J		<1	U		<1.6	U		<1.5	U		76			<9.1	U		210		
		VMP-6-10-111011	11/10/2011	0.024			<0.0036	U		<0.0041	U		<0.0064	U		<0.0059	U		0.0016	J		<0.036	U		0.0081		
		VMP-6-10-013112	1/31/2012	<1.1	U		<0.65	U		<0.73	U		<1.1	U		<1	U		24		J	<6.4	U		98		J
		VMP-6-10-041212	4/12/2012	0.011			0.0024	J		0.0015	J		<0.0075	U		<0.0068	U		0.0064			<0.042	U		0.0068		
		VMP-6-10-071612	7/16/2012	0.0094	J		<0.0057	J	U	0.0015	J		<0.01	U		<0.0092	U		<0.0054	J	U	<0.056	U		0.0027	J	
		VMP-6-10-101112	10/11/2012	0.0037	J	J	<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0026	J		<0.062	U		0.0022	J	
		VMP-6-10-020513	2/5/2013	0.0017	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0014	J	
		VMP-6-10-051513	5/15/2013	0.085			0.054			0.39		J	<0.011	U		<0.0098	U		0.047			<0.06	U		0.038		
		VMP-6-10-080813	8/8/2013	0.011		J	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0016	J		<0.059	U		0.0012	J	
		VMP-6-10-110513	11/5/2013	<0.01	J	U	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		0.00031	J	
		VMP-6-10-022714	2/27/2014	0.011			0.045			0.24			<0.0089	U		<0.0081	U		0.0012	J		<0.05	U		0.0058		
		VMP-6-10-042914	4/29/2014	<0.0093	J	U	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		0.0015	J		<0.053	U		0.0016	J	
		VMP-6-10-080814	8/8/2014	0.015			<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-6-10-110514	11/5/2014	0.0099			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0015	J		<0.054	U		<0.0044	U	
		VMP-6-10-020915	2/9/2015	0.012			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-6-10-042915	4/29/2015	0.0094	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		0.0016	J	
		VMP-6-10-072715	7/27/2015	<0.011	J	U	<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-6-10-102915	10/29/2015	0.015			<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
		VMP-6-10-020116	2/1/2016	0.0094	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	J	U	<0.062	U		0.0023	J	
		VMP-6-10-042516	4/25/2016	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-6-10-072816	7/28/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-6-10-102816	10/28/2016	<0.01	J	U	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	31.5 ft	VMP-6-31.5	11/9/2009	<21	U		180			37			<21	U		<20	U		1800			<120	U		3100		
		VMP-6-31.5-090810	9/8/2010	<12	U		160			16			<12	U		<11	U		1900			<69	U		3200		
		VMP-6-31.5-111710	11/17/2010	<19	U		150			13			<19	U		<18	U		2200			<110	U		3400		
		VMP-6-31.5-020711	2/7/2011	<18	U		180			23			<18	U		<17	U		1900			<100	U		3000		
		VMP-6-31.5-041111	4/11/2011	3.2	J		84			9.4			<14	U		<13	U		1100			<80	U		2200		
		VMP-6-31.5-080411	8/4/2011	<10	U		20			<6.8	U		<11	U		<9.7	U		1000			<59	U		2000		
		VMP-6-31.5-111011	11/10/2011	6.2	J		2.7	J		<10	U		<16	U		<15	U		570			<91	U		1500		
		VMP-6-31.5-013112	1/31/2012	<6.4	U		8.3		J	<4.2	U		<6.6	U		<6	U		680		J	<36	U		1400		J
		VMP-6-31.5-041212	4/12/2012	0.29	J		0.38	J		<0.56	U		<0.88	U		<0.8	U		8.6			<4.9	U		19		
		VMP-6-31.5-071612	7/16/2012	0.043			<0.0078	J	U	0.0058	J		<0.014	U		<0.013	U		<0.0074	U		<0.077	U		0.019		
		VMP-6-31.5-101112	10/11/2012	0.0073	J	J	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0017	J	
		VMP-6-31.5-020513	2/5/2013	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.00091	J	
		VMP-6-31.5-042913	4/29/2013	<0.011	J	U	0.0016	J		0.00086	J		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U	
		VMP-6-31.5-080813	8/8/2013	<0.011	U	UJ	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0016	J	
		VMP-6-31.5-110513	11/5/2013	<0.0089	J	U	0.0072			0.0026	J		<0.009	U		<0.0082	U		0.0021	J		<0.05	U		0.0021	J	
		VMP-6-31.5-022714	2/27/2014	0.0082	J		<0.0056	U		0.002	J		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		0.0036	J	
		VMP-6-31.5-042914	4/29/2014	<0.0098	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		0.0053		
		VMP-6-31.5-080814	8/8/2014	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-6-31.5-110514	11/5/2014	0.01			<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		0.0036	J		<0.053	U		0.0022	J	
		VMP-6-31.5-020915	2/9/2015	0.012			<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-6-31.5-042915	4/29/2015	0.0038	J		0.0027	J		0.0018	J		<0.0098	J	U	<0.0089	U		0.0029	J		<0.055	U		0.0053		
		VMP-6-31.5-042915-DUP	4/29/2015	<0.012	U		0.0025	J		<0.0076	U		<0.012	J	U	<0.011	U		0.0024	J		<0.066	U		0.0056		
		VMP-6-31.5-072715	7/27/2015	<0.011	J	U	<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.0051	U	
		VMP-6-31.5-112515	11/25/2015	0.022			0.013			0.015			<0.018	U		<0.016	U		0.0076	J		<0.1	U		0.012		
		VMP-6-31.5-020116	2/1/2016	0.064			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	J	U	<0.057	U		0.0032	J	
		VMP-6-31.5-042516	4/25/2016	<0.011	U		<0.0064	U		0.00098	J		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0011	J	
		VMP-6-31.5-072816	7/28/2016	<0.012	U		<0.0067	U		0.0017	J		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-6-31.5-102816	10/28/2016	0.026			0.16			0.016			<0.016	U		<0.015	U		0.0038	J		<0.089	U		0.0032	J	
	39 ft	VMP-6-39	11/9/2009	<24	U		290			82			<24	U		<22	U		2400			<140	U		4200		
		VMP-6-39-041111	4/11/2011	<17	U		120			14			<17	U		<16	U		1200			<95	U		2300		
		VMP-6-39-013112	1/31/2012	<6.4	U		19		J	<4.2	U		<6.6	U		<6	U		800			<36	U		1700		J
		VMP-6-39-041212	4/12/2012	<0.63	U		7.1			<0.41	U		<0.64	U		<0.59	U		21			<3.6	U		52		
		VMP-6-39-071612	7/16/2012	0.019	J		0.0038	J		<0.019	U		<0.03	U		<0.028	U		<0.016	U		<0.17	U		0.034		
		VMP-6-39-071612-Dup	7/16/2012	0.022	J		<0.017	U		<0.02	U		<0.03	U		<0.028	U		<0.016	U		<0.17	U		0.033		
		VMP-6-39-101112	10/11/2012	<0.02	U	UJ	<0.012	U		<0.013	U		<0.021	U		<0.019	U		<0.011	U		<0.11	U		0.0021	J	
		VMP-6-39-020513	2/5/2013	0.0042	J		0.034			0.012			<0.01	U		<0.0092	U		0.027			<0.056	U		0.0051		
		VMP-6-39-050913	5/9/2013	0.032		J	0.0048	J		0.0036	J		<0.021	U		<0.019	U		0.0054	J		<0.12	U		<0.0096	U	
		VMP-6-39-050913-Dup	5/9/2013	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		0.0032	J		<0.062	U		0.0016	J	
		VMP-6-39-080813-Dup	8/8/2013	<0.011	U	UJ	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0096			<0.06	U		0.0048	J	
		VMP-6-39-081513	8/15/2013	<0.011	U	UJ	<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		0.0072			<0.063	U		0.025		
		VMP-6-39-110513	11/5/2013	0.0084	J		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		0.0008	J		<0.054	J	U	0.00056	J	
		VMP-6-39-022714	2/27/2014	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-6-39-042914	4/29/2014	0.0073	J		<0.0055	U		0.0009	J		<0.0098	U		<0.0089	U		0.0021	J		<0.054	U	UJ	0.0017	J	
		VMP-6-39-080814	8/8/2014	0.015			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-6-39-110514	11/5/2014	0.011			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0018	J		<0.056	U		<0.0046	U	
		VMP-6-39-020915	2/9/2015	<0.0088	U		0.00094	J		<0.0057	U		<0.0089	U		<0.0081	U		0.0041	J		<0.05	U		0.0093		
		VMP-6-39-020915-DUP	2/9/2015	0.01			0.0008	J		<0.0055	U		<0.0086	U		<0.0079	U		0.0034	J		<0.048	U		0.0095		
		VMP-6-39-042915	4/29/2015	0.0036	J		<0.0052	U		0.0024	J		<0.0092	J	U	<0.0084	U		<0.0049	U		<0.051	U		0.0013	J	
		VMP-6-39-072715	7/27/2015	<0.01	U		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-6-39-072715-DUP	7/27/2015	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-6-39-102915	10/29/2015	<0.033	U		<0.019	U		<0.021	U		<0.033	U		<0.03	U		<0.018	U		<0.18	U		0.022		
		VMP-6-39-102915-DUP	10/29/2015	0.016	J		<0.019	U		<0.022	U		<0.034	U		<0.03	U		<0.018	U		<0.19	U		0.016		
		VMP-6-39-020116	2/1/2016	0.0084	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	J	U	<0.056	U		0.0022	J	
		VMP-6-39-020116-DUP	2/1/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	J	U	<0.057	U		0.0019	J	
		VMP-6-39-042516	4/25/2016	<0.012	U		0.031			0.0054	J		<0.012	U		<0.011	U		0.091			<0.066	U		0.24		
		VMP-6-39-072816	7/28/2016	<0.012	U		<0.0071	U		<0.008	U		<0.012	U		<0.011	U		<0.0067	U		<0.07	U		<0.0058	U	
		VMP-6-39-102816	10/28/2016	<0.0093	J	U	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5	11/9/2009	0.11		J	0.012			<0.005	U		<0.008	U		<0.008	U		0.091			<0.05	U		0.11		
		VMP-7-5-082610	8/26/2010	0.007	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0044	J		<0.056	U		0.016		
		VMP-7-5-111910	11/19/2010	0.0031	J		0.00077	J		<0.0058	U		<0.0091	U		<0.0083	U		0.0039	J		<0.051	U		0.0047		
		VMP-7-5-020711	2/7/2011	0.0087	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0041	J		<0.055	U		0.0024	J	
		VMP-7-5-040711	4/7/2011	0.0034	J		<0.0079	U		<0.0089	U		<0.014	U		<0.013	U		0.0074			<0.078	U		0.016		
		VMP-7-5-080211	8/2/2011	<1.4	U		<0.78	U		<0.89	U		<1.4	U		<1.3	U		4.5			<7.7	U		12		
		VMP-7-5-111011	11/10/2011	0.0096			<0.0037	U		<0.0042	U		<0.0066	U		<0.006	U		<0.0035	U		<0.036	U		<0.003	U	
		VMP-7-5-111011-DUP	11/10/2011	0.018			<0.0035	U		<0.004	U		<0.0062	U		<0.0056	U		<0.0033	U		<0.034	U		<0.0028	U	
		VMP-7-5-013112	1/31/2012	0.039			0.0012	J		<0.0043	J	U	<0.0067	U		<0.0061	U		0.00073	J		<0.037	U		<0.0031	J	U
		VMP-7-5-041212	4/12/2012	0.036			0.0046			0.0025	J		<0.0073	U		<0.0066	U		0.0078			<0.04	U		0.0046		
		VMP-7-5-073112	7/31/2012	0.047			0.0038	J		<0.012	U		<0.019	U		<0.017	U		<0.01	U		<0.1	U		0.0031	J	
		VMP-7-5-101012	10/10/2012	0.004	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0012	J	
		VMP-7-5-060613	6/6/2013	<0.011	J	U	<0.0063	U		0.00069	J		<0.011	U		<0.01	U		0.0038	J		<0.062	U		0.0058		
		VMP-7-5-073013	7/30/2013	0.0062	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0014	J		<0.058	U		0.0039	J	
		VMP-7-5-102213	10/22/2013	0.0031	J		0.0012	J		<0.0067	U		<0.01	U		<0.0095	U		0.0013	J		<0.058	U		0.00058	J	J
		VMP-7-5-022414	2/24/2014	0.0077	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-7-5-043014	4/30/2014	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		0.00094	J	
		VMP-7-5-080514	8/5/2014	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-7-5-102714	10/27/2014	<0.0098	ND,UJ	UJ	<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		0.0019	J		<0.056	U		0.0022	J	
		VMP-7-5-020215	2/2/2015	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U	
		VMP-7-5-043015	4/30/2015	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		0.0015	J	
		VMP-7-5-072715	7/27/2015	<0.0099	J	U	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-7-5-102815	10/28/2015	0.011			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.0017	J		<0.051	U		<0.0042	U	
		VMP-7-5-012716	1/27/2016	0.0062	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-7-5-042916	4/29/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-7-5-072616	7/26/2016	0.0032	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		0.0007	J	
		VMP-7-5-102516	10/25/2016	0.006	J		0.00066	J		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		0.00078	J	
	13.5 ft	VMP-7-13.5	11/9/2009	<0.067	U		<0.039	U		<0.044	U		<0.068	U		<0.062	U		<0.037	U		<0.38	U		0.052		
		VMP-7-13.5-082610	8/26/2010	<0.22	U		<0.12	U		<0.14	U		<0.22	U		<0.2	U		<0.12	U		<1.2	U		0.035	J	
		VMP-7-13.5-111910	11/19/2010	<1.5	U		<0.87	U		<0.99	U		<1.5	U		<1.4	U		4.9		J	<8.6	U		8.9		J
		VMP-7-13.5-020711	2/7/2011	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		0.0011	J		<0.053	U		0.0013	J	
		VMP-7-13.5-040711	4/7/2011	<0.016	U		<0.0094	U		<0.011	U		<0.016	U		<0.015	U		0.0064	J		<0.092	U		0.022		
		VMP-7-13.5-080311	8/3/2011	<1.8	U		<1	U		<1.2	U		<1.8	U		<1.7	U		<0.99	U		<10	U		2.7		
		VMP-7-13.5-111011	11/10/2011	0.017			0.013			0.0037	J		<0.006	U		<0.0055	U		0.026			<0.034	U		0.012		
		VMP-7-13.5-013112	1/31/2012	0.094		J	<0.049	U		<0.055	U		<0.086	U		<0.078	U		<0.046	U		<0.48	U		1.1		J
		VMP-7-13.5-013112-DUP	1/31/2012	0.12		J	<0.05	U		<0.056	U		<0.088	U		<0.08	U		<0.047	U		<0.49	U		1		J
		VMP-7-13.5-041212	4/12/2012	0.044			0.0026	J		0.0016	J		<0.007	U		<0.0064	U		0.015			<0.039	U		0.022		
		VMP-7-13.5-041212-DUP	4/12/2012	0.033			0.0028	J		0.0015	J		<0.0074	U		<0.0067	U		0.0086			<0.041	U		0.011		
		VMP-7-13.5-072012	7/20/2012	0.024			0.003	J		0.001	J		<0.0072	U		<0.0065	U		0.0063			<0.04	U		0.00095	J	
		VMP-7-13.5-101012	10/10/2012	0.011			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0027	J		<0.059	U		0.0035	J	
		VMP-7-13.5-021313	2/13/2013	0.0068	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0012	J	
		VMP-7-13.5-060513	6/5/2013	<0.012	J	U	<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-7-13.5-073013	7/30/2013	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-7-13.5-110113	11/1/2013	<0.01	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0005	J		0.0015	J		0.00049	J	
		VMP-7-13.5-022414	2/24/2014	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-7-13.5-043014	4/30/2014	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		0.0012	J	
		VMP-7-13.5-080514	8/5/2014	<0.012	U		<0.0069	U		0.0026	J		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	
		VMP-7-13.5-102714	10/27/2014	0.0077	J	J	0.0011	J		0.0018	J		<0.011	U		<0.01	U		0.0039	J		<0.061	U		0.0047	J	
		VMP-7-13.5-020215	2/2/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-7-13.5-043015	4/30/2015	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		0.0018	J	
		VMP-7-13.5-072715	7/27/2015	<0.0097	U		0.0013	J		0.0017	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-7-13.5-102815	10/28/2015	0.0077	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-7-13.5-012716	1/27/2016	0.0053	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.0013	J		<0.051	U		0.0025	J	
		VMP-7-13.5-042916	4/29/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-7-13.5-072616	7/26/2016	0.013			<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		0.0032	J		<0.055	U		0.0014	J	
		VMP-7-13.5-102516	10/25/2016	0.012			0.0029	J		<0.006	U		<0.0094	U		<0.0085	U		0.0014	J		<0.052	U		0.0012	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5	11/9/2009	<1.4	U		<0.83	U		<0.94	U		<1.5	U		<1.3	U		460		J	<8.1	U		420		J
		VMP - 7 - 29.5 - 083110	8/31/2010	<3.1	U		<1.8	U		<2	U		<3.2	U		<2.9	U		420		J	<18	U		420		J
		VMP-7-29.5-111910	11/19/2010	<4.7	U		<2.7	U		<3	U		<4.8	U		<4.3	U		300		J	<26	U		270		
		VMP-7-29.5-020711	2/7/2011	<4.9	U		<2.8	U		0.77	J		<4.9	U		<4.5	U		350			<28	U		320		
		VMP-7-29.5-040711	4/7/2011	<1.2	U		<0.68	U		0.23	J	J	<1.2	U		<1.1	U		220		J	<6.7	U		190		J
		VMP-7-29.5-080311	8/3/2011	<2.8	U		<1.6	U		<1.8	U		<2.8	U		<2.6	U		350			<16	U		360		
		VMP-7-29.5-111111	11/11/2011	3.3	J		2.7	J		1.6	J		<5.6	U		<5.1	U		110			<31	U		130		
		VMP-7-29.5-020112	2/1/2012	<1.1	U		<0.63	U		<0.72	U		<1.1	U		<1	U		150		J	<6.2	U		160		J
		VMP-7-29.5-041312	4/13/2012	0.021			0.0017	J		0.0051			<0.007	U		<0.0064	U		0.012			<0.039	U		0.02		
		VMP-7-29.5-072012	7/20/2012	0.025			0.0031	J		0.00088	J		<0.0072	U		<0.0065	U		0.0043			<0.04	U		0.005		
		VMP-7-29.5-072012-Dup	7/20/2012	0.016			0.003	J		0.00093	J		<0.0072	U		<0.0065	U		0.0036	J		<0.04	U		0.0048		
		VMP-7-29.5-101012	10/10/2012	0.0076	J	J	<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0029	J	
		VMP-7-29.5-060613	6/6/2013	<0.011	J	U	<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		0.0025	J		<0.064	U		0.003	J	
		VMP-7-29.5-073013	7/30/2013	0.005	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.00094	J	
		VMP-7-29.5-102213	10/22/2013	0.0021	J		0.00024	J		<0.0066	U		<0.01	U		<0.0094	U		0.0021	J		<0.057	U		0.00044	J	J
		VMP-7-29.5-022414	2/24/2014	<0.0087	U		<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		<0.0041	U	
		VMP-7-29.5-043014	4/30/2014	<0.0098	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-7-29.5-080514	8/5/2014	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-7-29.5-102714	10/27/2014	0.0056	J	J	<0.0059	U		<0.0067	U		<0.01	U		0.00099	J		0.0035	J		<0.058	U		0.0024	J	
		VMP-7-29.5-020215	2/2/2015	<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-7-29.5-043015	4/30/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.0015	J	
		VMP-7-29.5-072715	7/27/2015	<0.012		U	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-7-29.5-102815	10/28/2015	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-7-29.5-012716	1/27/2016	<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		0.0024	J		<0.055	U		0.0034	J	
		VMP-7-29.5-042916	4/29/2016	0.018	J		<0.011	U		<0.012	U		<0.019	U		<0.017	U		0.0072	J		<0.11	U		0.0021	J	
		VMP-7-29.5-072616	7/26/2016	0.0079	J		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		0.0041	J		<0.055	U		0.0025	J	
		VMP-7-29.5-102516	10/25/2016	0.012			0.0023	J		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		0.0012	J	
	38 ft	VMP-7-38	11/9/2009	<0.5	U		<0.29	U		<0.32	U		<0.5	U		<0.46	U		170		J	<2.8	U		140		J
		VMP-7-38-020711	2/7/2011	<6.5	U		<3.8	U		<4.2	U		<6.6	U		<6	U		210			<37	U		280		
		VMP-7-38-040711	4/7/2011	<1.6	U		<0.96	U		<1.1	U		<1.7	U		<1.5	U		110		J	<9.4	U		150		J
		VMP-7-38-020112	2/1/2012	<1.6	U		<0.91	U		<1	U		<1.6	U		<1.5	U		180		J	<9	U		180		J
		VMP-7-38-042512	4/25/2012	0.026			0.0051			0.002	J		<0.007	U		<0.0064	U		0.0096			<0.039	U		0.018		J
		VMP-7-38-042512-Dup	4/25/2012	0.028			0.0036	J		<0.0045	U		<0.007	U		<0.0064	U		0.01			<0.039	U		0.024		J
		VMP-7-38-101112	10/11/2012	0.006	J	J	<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0017	J	
		VMP-7-38-060613	6/6/2013	<0.012	J	U	<0.007	U		<0.0079	U		<0.012	U		<0.011	U		0.0016	J		<0.069	U		0.0029	J	
		VMP-7-38-073013	7/30/2013	0.0066	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-7-38-110113	11/1/2013	0.014			<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		0.0028	J		<0.059	U		0.00079	J	
		VMP-7-38-022414	2/24/2014	<0.008	U		<0.0046	U		<0.0052	U		<0.0081	U		<0.0074	U		<0.0043	U		<0.045	U		<0.0037	J	U
		VMP-7-38-043014	4/30/2014	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		0.0022	J		<0.054	U		0.0017	J	
		VMP-7-38-043014-DUP	4/30/2014	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0019	J		<0.059	U		0.0021	J	
		VMP-7-38-080514	8/5/2014	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-7-38-080514-DUP	8/5/2014	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-7-38-102714	10/27/2014	0.019	J	J	0.0014	J		<0.0064	U		<0.01	U		<0.0091	U		0.004	J		<0.056	U		0.0027	J	
		VMP-7-38-020215	2/2/2015	0.012			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-7-38-043015	4/30/2015	0.0052	J		<0.0061	U		0.0046	J		<0.011	U		<0.0098	U		<0.0058	U		0.0044	J		0.0013	J	
		VMP-7-38-072715	7/27/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-7-38-102815	10/28/2015	0.0061	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-7-38-102815-DUP	10/28/2015	<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-7-38-012716	1/27/2016	0.0057	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-7-38-012716-DUP	1/27/2016	0.012			<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-7-38-042916	4/29/2016	<0.011	U		0.002	J		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0012	J	
		VMP-7-38-042916-DUP	4/29/2016	<0.011	U		0.002	J		0.0017	J		<0.011	U		<0.0098	U		0.0012	J		<0.06	U		0.0017	J	
		VMP-7-38-072616	7/26/2016	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.067	U		<0.0056	U	
		VMP-7-38-072616-DUP	7/26/2016	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-7-38-102516	10/25/2016	0.0039	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0016	J	
		VMP-7-38-102516-Dup	10/25/2016	<0.02	U		<0.011	U		<0.013	U		<0.02	U		<0.018	U		<0.011	U		<0.11	U		0.0016	J	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5	11/10/2009	0.023		J	<0.005	U		<0.005	U		<0.008	U		<0.008	U		0.016			<0.05	U		0.016		
		VMP - 8 - 5 - 083010	8/30/2010	<0.01	U		<0.0058	U		0.0014	J		0.0019	J		<0.0094	U		0.0019	J		<0.057	U		0.0032	J	
		VMP-8-5-111810	11/17/2010	0.0073	J		<0.005	J	U	<0.0057	U		0.0017	J		<0.0081	U		0.0025	J		<0.05	U		0.0019	J	
		VMP-8-5-021011	2/10/2011	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		0.0011	J	
		VMP-8-5-040711	4/7/2011	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-8-5-072711	7/27/2011	0.037			0.0026	J		0.0033	J		<0.011	U		<0.01	U		0.0021	J		<0.063	U		0.0026	J	
		VMP-8-5-110311	11/3/2011	0.052			0.0033	J		0.00052	J		<0.0066	U		<0.006	U		0.0026	J		<0.036	U		0.0033		
		VMP-8-5-012312	1/23/2012	0.023			0.00052	J		0.00067	J		<0.0081	U		<0.0074	U		0.0016	J		<0.045	U		0.0024	J	
		VMP-8-5-041012	4/10/2012	<0.0072	U		0.0034	J		0.0014	J		<0.0073	U		<0.0067	U		0.0064			<0.041	U		0.0073		
		VMP-8-5-071312	7/13/2012	0.0086			<0.0035	U		<0.004	J	U	<0.0062	U		<0.0056	U		<0.0033	U		<0.034	U		0.00072	J	
		VMP-8-5-073112	7/31/2012	0.061			0.0044			0.00067	J		<0.0079	U		<0.0072	U		0.011			<0.044	U		0.002	J	
		VMP-8-5-100412	10/4/2012	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0019	J		0.0076	J		0.0026	J	
		VMP-8-5-100412-Dup	10/4/2012	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0019	J		<0.056	U		0.003	J	
		VMP-8-5-012413	1/24/2013	0.0038	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-8-5-042513	4/25/2013	<0.011	J	U	0.0065			0.0069			<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-8-5-073013	7/30/2013	0.0052	J		0.0016	J		0.0015	J		<0.01	U		<0.0095	U		0.0013	J		<0.058	U		0.0013	J	
		VMP-8-5-102213	10/22/2013	0.023			0.00046	J		<0.0066	U		<0.01	U		<0.0093	U		0.0026	J		<0.057	U		0.0019	J	J
		VMP-8-5-021014	2/10/2014	<0.0093	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-8-5-042514	4/25/2014	0.0048	J		<0.006	U		<0.0068	U		<0.01	U		0.00098	J		0.0053	J		<0.059	U		0.0018	J	
		VMP-8-5-073014	7/30/2014	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0058	U		<0.061	U		0.0015	J	
		VMP-8-5-103114	10/31/2014	0.016			<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-8-5-020915	2/9/2015	<0.01	U		0.0019	J		0.007		J	<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-8-5-042715	4/27/2015	0.0065	J		<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	ND,UJ	UJ	<0.0041	U	
		VMP-8-5-072815	7/28/2015	0.019			<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		0.0014	J		<0.054	U		0.0027	J	
		VMP-8-5-102715	10/27/2015	0.0088	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-8-5-012716	1/27/2016	0.012			<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	J	U	<0.05	U		<0.0041	J	U
		VMP-8-5-042916	4/29/2016	0.0071	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.00086	J		<0.059	U		0.0014	J	
		VMP-8-5-072916	7/29/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.00076	J		<0.06	U		<0.005	U	
		VMP-8-5-102516	10/25/2016	0.013			0.0022	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.00085	J	
	9.5 ft	VMP-8-9.5	11/10/2009	0.03		J	<0.004	U		<0.005	U		<0.008	U		<0.007	U		0.0046			<0.048	U		0.0042		
		VMP - 8 - 9.5 - 083010	8/30/2010	0.016			<0.0052	U		0.0011	J		0.0011	J		<0.0084	U		0.0017	J		<0.052	U		0.0055		
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	0.013			<0.0054	U		<0.0061	U		0.001	J		<0.0086	U		0.0016	J		<0.053	U		0.0034	J	
		VMP-8-9.5-111810	11/17/2010	0.01			<0.0052	J	U	<0.0059	U		0.0018	J		<0.0084	U		<0.005	U		<0.052	U		0.0017	J	
		VMP-8-9.5-021011	2/10/2011	0.0028	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-8-9.5-040711	4/7/2011	0.0074	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0012	J	
		VMP-8-9.5-072711	7/27/2011	0.082			0.0028	J		0.0032	J		<0.0082	U		<0.0074	U		0.0039	J		<0.045	U		0.0048		
		VMP-8-9.5-110311	11/3/2011	0.029			0.0044			0.0011	J		<0.0064	U		<0.0059	U		0.0021	J		<0.036	U		0.0018	J	
		VMP-8-9.5-012312	1/23/2012	0.012			0.0014	J		0.00079	J		<0.0078	U		<0.0071	U		0.005			<0.043	U		0.0064		
		VMP-8-9.5-041012	4/10/2012	<0.0072	U		0.00077	J		<0.0047	U		<0.0073	U		<0.0067	U		0.002	J		<0.041	U		0.012		
		VMP-8-9.5-071312	7/13/2012	0.0025	J		<0.004	U		<0.0046	U		<0.0072	U		<0.0065	U		<0.0038	U		<0.04	U		<0.0033	U	
		VMP-8-9.5-071312-Dup	7/13/2012	<0.0067	U		<0.0039	U		<0.0044	U		<0.0068	U		<0.0062	U		<0.0037	U		<0.038	U		<0.0032	U	
		VMP-8-9.5-100412	10/4/2012	<0.011	U		0.0024	J		<0.0074	U		<0.012	U		<0.01	U		0.0061	J		<0.065	U		0.0088		
		VMP-8-9.5-012413	1/24/2013	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0018	J	
		VMP-8-9.5-012413-Dup	1/24/2013	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-8-9.5-042513	4/25/2013	<0.01	J	U	0.002	J		<0.0066	J	U	<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-8-9.5-073013	7/30/2013	0.0058	J		0.0022	J		<0.0066	U		<0.01	U		<0.0094	U		0.0036	J		<0.058	U		0.0047	J	
		VMP-8-9.5-102213	10/22/2013	0.0058	J		0.00029	J		0.00075	J		<0.01	U		<0.0094	U		0.00088	J		<0.057	U		0.0017	J	J
		VMP-8-9.5-021014	2/10/2014	<0.009	U	UJ	0.03			0.056			<0.0091	U		<0.0083	U		0.31		J	<0.051	U		0.085		J
		VMP-8-9.5-021014-Dup	2/10/2014	<0.01	U	UJ	0.02			0.047			<0.01	U		<0.0093	U		0.16		J	<0.057	U		0.05		J
		VMP-8-9.5-042514	4/25/2014	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-8-9.5-073014	7/30/2014	0.016			0.0016	J		<0.0062	U		<0.0097	U		<0.0088	U		0.0032	J		<0.054	U		0.0074		
		VMP-8-9.5-103114	10/31/2014	<0.0093	J	U	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		0.0014	J	
		VMP-8-9.5-020915	2/9/2015	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		0.0017	J		<0.052	U		0.0089		
		VMP-8-9.5-042715	4/27/2015	<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	ND,UJ	UJ	<0.0042	U	
		VMP-8-9.5-072815	7/28/2015	0.04			<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-8-9.5-102715	10/27/2015	0.12			<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-8-9.5-012716	1/27/2016	0.0057	J		<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	J	U	<0.05	U		<0.0042	J	U
		VMP-8-9.5-042916	4/29/2016	<0.0084	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		0.00074	J	
		VMP-8-9.5-072916	7/29/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-8-9.5-102516	10/25/2016	<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.00093	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	23.5 ft	VMP-8-23.5	11/10/2009	0.023		J	<0.005	U		<0.005	U		<0.009	U		<0.008	U		<0.004	U		<0.051	U		<0.004	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	0.0069	J		<0.0057	U		<0.0065	U		0.0014	J		<0.0092	U		0.0021	J		<0.056	U		0.0024	J	
		VMP-8-23.5-111910	11/19/2010	0.0076	J		0.0015	J		<0.0062	U		<0.0096	U		<0.0088	U		0.0015	J		<0.054	U		0.0018	J	
		VMP-8-23.5-021011	2/10/2011	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-8-23.5-040711	4/7/2011	0.0075	J		0.00066	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0027	J	
		VMP-8-23.5-040711-DUP	4/7/2011	0.0073	J		<0.0087	U		<0.0098	U		<0.015	U		<0.014	U		<0.0082	U		<0.085	U		0.0028	J	
		VMP-8-23.5-081011	8/10/2011	0.052			0.0023	J		<0.0065	J	U	<0.01	U		<0.0092	U		0.012			<0.056	U		0.033		
		VMP-8-23.5-110611	11/6/2011	0.027			0.001	J		0.0012	J		<0.0073	U		<0.0067	U		0.0013	J		<0.041	U		0.0028	J	
		VMP-8-23.5-012312	1/23/2012	0.016			0.00079	J		0.00098	J		<0.0081	U		<0.0074	U		0.0023	J		<0.045	U		0.0023	J	
		VMP-8-23.5-041012	4/10/2012	<0.007	U		0.0015	J		0.00077	J		<0.0072	U		<0.0065	U		0.0022	J		<0.04	U		0.012		
		VMP-8-23.5-071312	7/13/2012	0.0046	J		<0.0045	U		<0.0051	U		<0.0079	U		<0.0072	U		<0.0042	U		<0.044	U		<0.0036	U	
		VMP-8-23.5-100412	10/4/2012	0.0076	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0059			<0.062	U		0.0082		
		VMP-8-23.5-012413	1/24/2013	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-8-23.5-050113	5/1/2013	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		0.002	J		<0.065	U		0.0025	J	
		VMP-8-23.5-073013	7/30/2013	0.0049	J		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		0.0013	J	
		VMP-8-23.5-073013-Dup	7/30/2013	0.0051	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0018	J		<0.057	U		0.0023	J	
		VMP-8-23.5-102213	10/22/2013	0.0073	J		<0.0059	U		<0.0066	U		0.00062	J		<0.0094	U		0.00072	J		<0.058	U		0.00085	J	J
		VMP-8-23.5-021014	2/10/2014	<0.0098	U	UJ	<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-8-23.5-042514	4/25/2014	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-8-23.5-073014	7/30/2014	0.0044	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		0.0017	J	
		VMP-8-23.5-103114	10/31/2014	<0.01	J	U	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.002	J	
		VMP-8-23.5-020915	2/9/2015	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-8-23.5-050515-R	5/5/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0012	J	
		VMP-8-23.5-072815	7/28/2015	0.024			0.0013	J		<0.0059	U		<0.0092	U		<0.0084	U		0.0026	J		<0.051	U		0.0044		
		VMP-8-23.5-102715	10/27/2015	0.0043	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-8-23.5-012716	1/27/2016	0.0029	J		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	J	U	<0.058	U		<0.0048	J	U
		VMP-8-23.5-042916	4/29/2016	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-8-23.5-072916	7/29/2016	0.2		J	0.0017	J		0.003	J		<0.0086	U		<0.0078	U		0.0018	J		<0.048	U		<0.0039	U	
		VMP-8-23.5-072916-DUP	7/29/2016	0.017		J	0.0018	J		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		0.0022	J	
		VMP-8-23.5-102516	10/25/2016	0.0031	J		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
	35.5 ft	VMP-8-35.5-042514	4/25/2014	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0096			<0.058	U		0.0088		
		VMP-8-35.5-073014	7/30/2014	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0014	J	
		VMP-8-35.5-103114	10/31/2014	<0.0088	U		0.0015	J		<0.0057	U		<0.0089	U		<0.0081	U		0.0015	J		<0.05	U		0.0052		
		VMP-8-35.5-103114-DUP	10/31/2014	<0.0087	U		0.0012	J		<0.0056	U		<0.0088	U		<0.008	U		0.0012	J		<0.049	U		0.0062		
		VMP-8-35.5-020915	2/9/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-8-35.5-042715	4/27/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	ND,UJ	UJ	<0.0044	U	
		VMP-8-35.5-072815	7/28/2015	0.0097	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-8-35.5-072815-DUP	7/28/2015	0.011			<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-8-35.5-012816	1/28/2016	0.0072	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	J	U	<0.063	U		0.0036	J	
		VMP-8-35.5-012816-DUP	1/28/2016	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	J	U	<0.057	U		<0.0047	J	U
		VMP-8-35.5-042916	4/29/2016	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-8-35.5-080316	8/3/2016	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-8-35.5-102516	10/25/2016	0.017			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-8-35.5-102516-Dup	10/25/2016	0.0035	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5	11/11/2009	0.018			<0.004	U		<0.005	U		<0.008	U		<0.007	U		<0.004	U		<0.048	U		<0.003	U	
		VMP-9-5-082610	8/26/2010	0.015			0.00048	J		<0.0056	U		<0.0087	U		<0.008	U		0.0055			<0.049	U		0.016		
		VMP-9-5-111910	11/19/2010	0.0071	J		0.001	J		<0.0058	U		<0.0091	U		<0.0083	U		0.0016	J		<0.051	U		0.0014	J	
		VMP-9-5-020811	2/8/2011	<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-9-5-040611	4/6/2011	0.02	J		<0.013	U		<0.015	U		<0.023	U		<0.021	U		<0.012	U		<0.13	U		0.0064	J	
		VMP-9-5-080211	8/2/2011	<0.44	U		<0.26	U		<0.29	U		<0.45	U		<0.41	U		<0.24	U		<2.5	U		<0.21	U	
		VMP-9-5-110411	11/4/2011	0.012			<0.0038	U		<0.0043	J	U	<0.0067	U		<0.0061	U		0.003	J		<0.037	U		0.0027	J	
		VMP-9-5-012612	1/26/2012	0.0061			<0.0032	J	U	0.00052	J		<0.0057	U		<0.0052	U		0.0078			<0.032	U		0.0049		
		VMP-9-5-041112	4/11/2012	<0.0067	U		0.0042			0.0011	J		<0.0068	U		<0.0062	U		0.012			<0.038	U		0.018		
		VMP-9-5-071312	7/13/2012	0.12			0.0023	J		<0.0047	J	U	<0.0073	U		<0.0067	U		0.0019	J		<0.041	U		0.0028	J	
		VMP-9-5-101012	10/10/2012	0.0025	J	J	<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-9-5-012513	1/25/2013	0.005	J	J	<0.0061	U	UJ	<0.0069	U	UJ	<0.011	U	UJ	<0.0098	U	UJ	<0.0058	U	UJ	<0.06	U	UJ	0.0024	J	J
		VMP-9-5-021513	2/15/2013	<0.01	U		0.0027	J		0.0032	J		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.004	J	
		VMP-9-5-050113	5/1/2013	0.017			<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	J	U
		VMP-9-5-073013	7/30/2013	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		0.001	J	
		VMP-9-5-102213	10/22/2013	0.0038	J		0.00071	J		<0.0067	U		<0.01	U		<0.0095	U		0.0042	J		<0.058	U		0.0064		J
		VMP-9-5-122013-R	12/20/2013	0.0068	J	J	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-9-5-021114	2/11/2014	<0.008	U		<0.0046	U		<0.0052	U		<0.0081	U		<0.0074	U		<0.0043	U		<0.045	U		0.00094	J	
		VMP-9-5-043014	4/30/2014	0.028			0.0016	J		<0.0058	U		<0.0091	U		<0.0083	U		0.0021	J		<0.05	U		0.0014	J	
		VMP-9-5-081114	8/11/2014	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-9-5-110614	11/6/2014	<0.0095	ND,UJ	UJ	<0.0055	U		0.0018	J		<0.0096	U		<0.0088	U		0.0032	J		<0.054	U		0.0018	J	
		VMP-9-5-021115	2/11/2015	<0.01	J	U	0.02			0.011		J	<0.01	U		<0.0095	U		0.005	J		<0.058	U		0.0023	J	
		VMP-9-5-050415	5/4/2015	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	ND,UJ	UJ	<0.0049	U	
		VMP-9-5-072815	7/28/2015	<0.011	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0039	J		<0.06	U		0.011		
		VMP-9-5-102815	10/28/2015	0.0057	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-9-5-012816	1/28/2016	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	ND,UJ	UJ	<0.0045	U	
		VMP-9-5-042816	4/28/2016	<0.011	J	U	<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.0027	J		<0.061	U		0.002	J	
		VMP-9-5-080116	8/1/2016	0.0071	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.00085	J	
		VMP-9-5-102516	10/25/2016	0.013			0.0046	J		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-9-5-120916	12/9/2016	0.025			0.00086	J		<0.006	U		<0.0094	U		<0.0085	U		0.004	J		<0.052	U		0.0035	J	
	11.5 ft	VMP-9-11.5	11/11/2009	0.014			<0.006	U		<0.006	U		<0.01	U		<0.009	U		<0.005	U		<0.059	U		<0.004	U	
		VMP-9-11.5-082610	8/26/2010	<0.19	U		<0.11	U		<0.13	U		<0.2	U		<0.18	U		<0.1	U		<1.1	U		<0.09	U	
		VMP-9-11.5-111910	11/19/2010	<0.56	U		<0.32	U		<0.37	U		<0.57	U		<0.52	U		<0.3	U		<3.2	U		<0.26	U	
		VMP-9-11.5-020911	2/9/2011	0.0059	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-9-11.5-020911-DUP	2/9/2011	0.009			<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		0.0025	J		<0.044	U		<0.0037	U	
		VMP-9-11.5-040611	4/6/2011	0.017	J		<0.017	U		<0.019	U		<0.03	U		<0.028	U		0.0035	J		<0.17	U		0.0079	J	
		VMP-9-11.5-080211	8/2/2011	<0.66	U		<0.38	U		<0.43	U		<0.67	U		<0.62	U		<0.36	U		<3.8	U		<0.31	U	
		VMP-9-11.5-110411	11/4/2011	0.014			<0.0038	U		<0.0043	J	U	<0.0067	U		<0.0061	U		0.0021	J		<0.037	U		0.0029	J	
		VMP-9-11.5-012612	1/26/2012	0.026			<0.0034	J	U	<0.0038	U		<0.0059	U		<0.0054	U		0.0014	J		<0.033	U		0.0014	J	
		VMP-9-11.5-041112	4/11/2012	<0.0069	U		<0.004	U		<0.0045	U		<0.007	U		<0.0064	U		0.0037	J		<0.039	U		0.013		
		VMP-9-11.5-071312	7/13/2012	0.15			0.0037	J		<0.0051	J	U	<0.0079	U		<0.0072	U		0.002	J		<0.044	U		0.0013	J	
		VMP-9-11.5-101012	10/10/2012	0.011		J	0.0011	J		<0.0068	U		<0.01	U		<0.0096	U		0.0021	J		<0.059	U		0.0021	J	
		VMP-9-11.5-012513	1/25/2013	0.0036	J		0.0013	J		<0.0057	U		<0.0089	U		<0.0081	U		0.0035	J		<0.05	U		0.0079		
		VMP-9-11.5-012513-DUP	1/25/2013	<0.0095	U		0.0016	J		<0.0062	J	U	<0.0096	U		<0.0088	U		0.0046	J		<0.054	U		0.012		
		VMP-9-11.5-050113	5/1/2013	0.0033	J		<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		0.0021	J		<0.064	U		0.0046	J	
		VMP-9-11.5-073013	7/30/2013	<0.011	U		<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-9-11.5-102213	10/22/2013	0.0018	J		0.00038	J		<0.0064	U		0.00058	J		<0.009	U		0.00064	J		<0.055	U		0.0014	J	J
		VMP-9-11.5-122013-R	12/20/2013	<0.01	ND,UJ	UJ	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-9-11.5-021114	2/11/2014	0.0044	J		0.0013	J		<0.0056	U		<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-9-11.5-043014	4/30/2014	0.0085	J		0.0012	J		0.00092	J		<0.0095	U		<0.0087	U		0.0017	J		<0.053	U		0.0015	J	
		VMP-9-11.5-081114	8/11/2014	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-9-11.5-110614	11/6/2014	<0.011	ND,UJ	UJ	<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U	
		VMP-9-11.5-021115	2/11/2015	0.023			<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		0.0011	J	
		VMP-9-11.5-050415	5/4/2015	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	ND,UJ	UJ	<0.0047	U	
		VMP-9-11.5-072815	7/28/2015	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-9-11.5-102815	10/28/2015	0.0084	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-9-11.5-012816	1/28/2016	0.0044	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	ND,UJ	UJ	<0.005	U	
		VMP-9-11.5-042816	4/28/2016	<0.0098	J	U	0.0069			0.0012	J		<0.0099	U		<0.009	U		0.012			<0.055	U		0.014		
		VMP-9-11.5-080116	8/1/2016	0.013			<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		0.0031	J		<0.063	U		0.0026	J	
		VMP-9-11.5-080116-DUP	8/1/2016	0.0094	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0022	J	
		VMP-9-11.5-102516	10/25/2016	0.014			0.0015	J		<0.0061	U		<0.0095	U		<0.0087	U		0.0007	J		<0.053	U		0.0011	J	
		VMP-9-11.5-120916	12/9/2016	0.0085	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		0.0012	J		<0.055	U		0.0014	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	25.5 ft	VMP-9-25.5	11/10/2009	<2.1	U		<1.2	U		<1.4	U		<2.1	U		<1.9	U		1.5		J	<12	U		6.6		J
		VMP-9-25.5-D	11/10/2009	<1.9	U		<1.1	U		<1.2	U		<1.9	U		<1.7	U		1.5		J	<10	U		5.9		J
		VMP-9-25.5-082610	8/26/2010	<1.5	U		<0.87	U		<0.99	U		<1.5	U		<1.4	U		1.1			<8.6	U		3.2		
		VMP-9-25.5-082610-DUP	8/26/2010	<1.6	U		<0.94	U		<1.1	U		<1.6	U		<1.5	U		1.1			<9.2	U		3.2		
		VMP-9-25.5-111910	11/19/2010	<1.7	U		<1	U		<1.1	U		<1.8	U		<1.6	U		<0.94	U		<9.8	U		1.8		
		VMP-9-25.5-020911	2/9/2011	<0.95	U		<0.55	U		<0.62	U		<0.96	U		<0.88	U		<0.52	U		<5.4	U		0.24	J	
		VMP-9-25.5-040811	4/8/2011	0.29	J		<0.28	U		<0.31	U		<0.49	U		<0.45	U		<0.26	U		<2.7	U		<0.22	U	
		VMP-9-25.5-080211	8/2/2011	<1.1	U		<0.61	U		<0.69	U		<1.1	U		<0.98	U		0.82		J	<6	U		2.8		J
		VMP-9-25.5-110711	11/7/2011	0.49	J		<0.54	U		<0.61	U		<0.95	U		<0.87	U		<0.51	U		<5.3	U		0.62		
		VMP-9-25.5-110711-DUP	11/7/2011	0.56	J		<0.47	U		<0.53	U		<0.82	U		<0.75	U		<0.44	U		<4.6	U		0.68		
		VMP-9-25.5-012612	1/26/2012	<0.24	U		<0.14	U		<0.16	U		<0.25	U		<0.22	U		<0.13	U		<1.4	U		1		J
		VMP-9-25.5-041112	4/11/2012	<0.0069	U		0.0049			0.0013	J		<0.007	U		<0.0064	U		0.012			<0.039	U		0.0085		
		VMP-9-25.5-071312	7/13/2012	0.09		J	0.0054			0.004	J		<0.0075	U		<0.0069	U		0.0031	J		<0.042	U		<0.0035	J	U
		VMP-9-25.5-071312-Dup	7/13/2012	0.18		J	0.0054			0.0037	J		<0.0073	U		<0.0067	U		<0.0039	J	U	<0.041	U		0.0025	J	
		VMP-9-25.5-101012	10/10/2012	0.0043	J	J	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-9-25.5-013013	1/30/2013	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.00088	J	
		VMP-9-25.5-050113	5/1/2013	0.006	J		0.0098			0.0044	J		<0.012	U		<0.01	U		0.013			<0.064	U		0.011		
		VMP-9-25.5-050113-Dup	5/1/2013	0.0079	J		0.0096			0.0045	J		<0.012	U		<0.011	U		0.0096			<0.066	U		0.0063		
		VMP-9-25.5-073013	7/30/2013	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		0.00093	J	
		VMP-9-25.5-102213	10/22/2013	0.0015	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0012	J		<0.056	U		0.0011	J	J
		VMP-9-25.5-102213-Dup	10/22/2013	0.0016	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.001	J		<0.057	U		0.00088	J	J
		VMP-9-25.5-021114	2/11/2014	<0.0084	U		<0.0048	U		0.001	J		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		0.0012	J	
		VMP-9-25.5-043014	4/30/2014	<0.009	J	U	<0.0052	U		0.001	J		<0.0092	U		<0.0084	U		0.0029	J		<0.051	U		0.0017	J	
		VMP-9-25.5-081114	8/11/2014	<0.012	U		<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-9-25.5-021115	2/11/2015	<0.0094	U		0.0065			<0.0061	J	U	<0.0095	U		<0.0087	U		0.0065			<0.053	U		0.01		
		VMP-9-25.5-050415	5/4/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	ND,UJ	UJ	0.004	J	J
		VMP-9-25.5-052915-R	5/29/2015	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-9-25.5-072815	7/28/2015	0.012			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-9-25.5-102815	10/28/2015	0.007	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-9-25.5-012816	1/28/2016	0.009	J		0.0015	J		0.0023	J		<0.011	U		<0.01	U		<0.006	U		<0.062	ND,UJ	UJ	<0.0051	U	
		VMP-9-25.5-042816	4/28/2016	<0.0096	J	U	<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
		VMP-9-25.5-080116	8/1/2016	0.0096	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-9-25.5-102516	10/25/2016	0.0092	J		0.0021	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
		VMP-9-25.5-120916	12/9/2016	0.047			<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		0.0015	J	
	38.5 ft	VMP-9-38.5	11/10/2009	<4.1	U		<2.4	U		<2.7	U		<4.2	U		<3.8	U		4.6		J	<23	U		25		J
		VMP-9-38.5-020911	2/9/2011	<1.6	U		<0.91	U		<1	U		<1.6	U		<1.5	U		<0.86	U		<8.9	U		1.9		
		VMP-9-38.5-040811	4/8/2011	1.4	J		<1.2	U		<1.4	U		<2.1	U		<1.9	U		<1.1	U		<12	U		<0.98	U	
		VMP-9-38.5-012612	1/26/2012	<0.32	U		<0.18	U		<0.21	U		<0.32	U		<0.29	U		<0.17	U		<1.8	U		3.2		J
		VMP-9-38.5-041112	4/11/2012	0.019			0.0015	J		<0.004	U		<0.0062	U		<0.0056	U		0.0024	J		<0.034	U		0.013		
		VMP-9-38.5-071312	7/13/2012	0.19			0.0046	J		0.0036	J		<0.0081	U		<0.0074	U		0.0032	J		<0.045	U		0.0018	J	
		VMP-9-38.5-101012	10/10/2012	<0.03	U	UJ	<0.017	U		<0.019	U		<0.03	U		<0.028	U		<0.016	U		<0.17	U		0.0052	J	
		VMP-9-38.5-013013	1/30/2013	0.0038	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0014	J	
		VMP-9-38.5-050113	5/1/2013	0.0044	J		<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		0.0034	J	
		VMP-9-38.5-073113	7/31/2013	0.0054	J		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		0.001	J	
		VMP-9-38.5-102213	10/22/2013	0.0037	J		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		0.00043	J		<0.06	J	U	0.0022	J	
		VMP-9-38.5-021114	2/11/2014	<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-9-38.5-081114	8/11/2014	<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0052	U	
		VMP-9-38.5-050415	5/4/2015	<0.056	U		<0.032	U		<0.036	U		<0.057	U		<0.052	U		<0.03	U		<0.32	ND,UJ	UJ	<0.026	U	
		VMP-9-38.5-050415-DUP	5/4/2015	0.033			<0.0039	U		0.0016	J		<0.0069	U		<0.0063	U		0.0034	J		<0.038	ND,UJ	UJ	0.0054		
		VMP-9-38.5-052915-R	5/29/2015	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0021	J	
		VMP-9-38.5-072815	7/28/2015	0.028			0.0017	J		0.0014	J		<0.0084	U		<0.0077	U		0.0024	J		<0.047	U		0.0033	J	
		VMP-9-38.5-102815	10/28/2015	0.012			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-9-38.5-012816	1/28/2016	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	ND,UJ	UJ	<0.0041	U	
		VMP-9-38.5-042816	4/28/2016	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-9-38.5-072916	7/29/2016	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U	
		VMP-9-38.5-102516	10/25/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		0.0021	J		<0.059	U		0.0027	J	
		VMP-9-38.5-120916	12/9/2016	0.086			<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		0.0017	J	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	0.18		J	<0.004	U		<0.005	U		<0.008	U		<0.007	U		<0.004	U		<0.047	U		<0.003	U	
		VMP-10-5-090710	9/7/2010	0.015			0.009			0.0072			<0.01	U		<0.0092	U		0.0071			<0.056	U		0.015		
		VMP-10-5-111810	11/17/2010	0.004	J		0.0014	J		<0.0059	U		<0.0093	U		<0.0084	U		0.012			<0.052	U		0.0072		
		VMP-10-5-021011	2/10/2011	<0.009	U		0.0029	J		0.0013	J		<0.0091	U		<0.0083	U		0.044			<0.051	U		0.11		
		VMP-10-5-040511	4/5/2011	0.028			0.0018	J		0.005	J		<0.0084	U		<0.0077	U		0.0051			<0.047	U		0.0066		
		VMP-10-5-07/2911	7/29/2011	0.05			0.0012	J		<0.0066	J	U	<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0036	J	
		VMP-10-5-110411	11/4/2011	0.011			0.00086	J		<0.0034	J	U	<0.0053	U		<0.0048	U		<0.0028	U		<0.03	U		0.00062	J	
		VMP-10-5-012512	1/26/2012	0.017			<0.0038	U		<0.0043	U		<0.0067	U		<0.0061	U		0.0022	J		<0.037	U		0.0028	J	
		VMP-10-5-041212	4/12/2012	0.025			0.00077	J		<0.0046	U		<0.0072	U		<0.0066	U		0.0047			<0.04	U		0.013		
		VMP-10-5-071312	7/13/2012	0.0029	J		<0.0042	J	U	<0.0047	U		<0.0074	U		<0.0067	U		<0.004	J	U	<0.041	U		0.0017	J	
		VMP-10-5-101612	10/16/2012	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		0.012			<0.065	U		0.028		
		VMP-10-5-012913	1/29/2013	<0.011	U		0.0012	J		<0.0069	J	U	<0.011	U		<0.0098	U		0.0048	J		<0.06	U		0.0085		
		VMP-10-5-012913-DUP	1/29/2013	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		0.0049	J		<0.066	U		0.011		
		VMP-10-5-043013	4/30/2013	<0.012	U		<0.007	U		<0.0079	U		<0.012	U		<0.011	U		0.0015	J		<0.069	U		<0.0057	J	U
		VMP-10-5-073013	7/30/2013	0.011			0.0013	J		0.0017	J		<0.01	U		<0.0094	U		0.0017	J		<0.057	U		0.0015	J	
		VMP-10-5-111313	11/13/2013	<0.0088	U		<0.005	U		0.0015	J		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-10-5-021214	2/12/2014	0.0054	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.00072	J	
		VMP-10-5-022614-R	2/26/2014	0.013			<0.0052	U		<0.0059	J	U	<0.0092	U		<0.0084	U		0.0013	J		<0.051	U		0.0055		
		VMP-10-5-042914	4/29/2014	0.0099			<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		0.004	J		<0.052	U	UJ	0.0018	J	
		VMP-10-5-073114	7/31/2014	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-10-5-103014	10/30/2014	<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		0.0011	J	
		VMP-10-5-020515	2/5/2015	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-10-5-043015	4/30/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0012	J	
		VMP-10-5-072815	7/28/2015	0.0092	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0038	J		<0.06	U		0.009		
		VMP-10-5-103015	10/30/2015	0.012			<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-10-5-012916	1/29/2016	0.0046	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-10-5-050216	5/2/2016	0.0048	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-10-5-082616	8/26/2016	0.013			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0026	J		<0.056	U		0.0032	J	
		VMP-10-5-110216	11/2/2016	0.011			0.018			0.0026	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
	10 ft	VMP-10-10	11/11/2009	0.046		J	<0.005	U		<0.005	U		<0.008	U		<0.008	U		<0.004	U		<0.049	U		<0.004	U	
		VMP-10-10-090710	9/7/2010	0.0079	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0017	J		<0.056	U		0.0016	J	
		VMP-10-10-111810	11/17/2010	0.0096	J		0.0014	J		<0.0063	U		<0.0099	U		<0.009	U		0.01			<0.055	U		0.0096		
		VMP-10-10-021111	2/11/2011	0.1			0.0017	J		<0.005	J	U	<0.0077	U		<0.0071	U		0.006			<0.043	U		0.0049		
		VMP-10-10-040611	4/6/2011	0.013			0.00094	J		<0.0065	J	U	<0.01	U		<0.0092	U		0.0022	J		<0.056	J	U	0.0068		
		VMP-10-10-072911	7/29/2011	0.029			0.0024	J		<0.0068	J	U	<0.01	U		<0.0096	U		0.0027	J		<0.059	U		0.0025	J	
		VMP-10-10-110411	11/4/2011	0.0095			0.00097	J		0.0021	J		<0.0068	U		<0.0062	U		0.0009	J		<0.038	U		<0.0032	J	U
		VMP-10-10-110411-DUP	11/4/2011	0.016			0.00091	J		0.0019	J		<0.0068	U		<0.0062	U		0.0018	J		<0.038	U		<0.0032	J	U
		VMP-10-10-012512	1/26/2012	0.028		J	<0.0038	U		<0.0043	U		<0.0067	U		<0.0061	U		<0.0036	U		<0.037	U		<0.0031	U	
		VMP-10-10-012512-DUP	1/26/2012	0.013		J	<0.004	U		0.0011	J		<0.007	U		<0.0064	U		<0.0037	U		<0.039	U		0.00092	J	
		VMP-10-10-041112	4/11/2012	0.051			0.0029	J		<0.0047	J	U	<0.0073	U		<0.0067	U		0.0045			<0.041	U		0.011		
		VMP-10-10-071312	7/13/2012	0.038			<0.0041	J	U	<0.0046	U		<0.0072	J	U	<0.0066	U		<0.0038	J	U	<0.04	U		<0.0033	J	U
		VMP-10-10-101612	10/16/2012	<0.012	U		0.0032	J		<0.0078	U		<0.012	U		<0.011	U		0.0039	J		<0.067	U		0.015		
		VMP-10-10-012913	1/29/2013	0.0034	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0014	J	
		VMP-10-10-043013	4/30/2013	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0047	J		<0.062	U		0.0087		
		VMP-10-10-073013	7/30/2013	<0.01	U		0.002	J		0.0017	J		<0.01	U		<0.0096	U		0.0046	J		<0.058	U		0.0045	J	
		VMP-10-10-111313	11/13/2013	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-10-10-021214	2/12/2014	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-10-10-042914	4/29/2014	<0.0091	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-10-10-073114	7/31/2014	<0.011	U		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-10-10-103014	10/30/2014	<0.019	U		<0.011	U		<0.013	U		<0.02	U		<0.018	U		<0.01	U		<0.11	U		<0.0091	U	
		VMP-10-10-020515	2/5/2015	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-10-10-043015	4/30/2015	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0011	J	
		VMP-10-10-072815	7/28/2015	0.023			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-10-10-103015	10/30/2015	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
		VMP-10-10-021616	2/16/2016	0.0047	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-10-10-050216	5/2/2016	0.014			<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-10-10-072816	7/28/2016	0.17			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0034	J		<0.059	U		0.0026	J	
		VMP-10-10-110216	11/2/2016	<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	20 ft	VMP-10-20	11/11/2009	0.036		J	<0.004	U		<0.005	U		<0.008	U		<0.007	U		0.0049			<0.048	U		0.0068		
		VMP-10-20-D	11/11/2009	0.22		J	<0.005	U		<0.006	U		<0.009	U		<0.008	U		<0.005	U		<0.053	U		<0.004	U	
		VMP-10-20-090710	9/7/2010	0.012		J	0.002	J		<0.0068	U		<0.01	U		<0.0096	U		0.0037	J		<0.059	U		0.0061		
		VMP-10-20-090710-DUP	9/7/2010	0.048		J	0.0017	J		<0.0063	U		<0.0099	U		<0.009	U		0.0025	J		<0.055	U		0.0043	J	
		VMP-10-20-111810	11/17/2010	0.0097	J		<0.011	U		<0.012	U		<0.019	U		<0.017	U		0.0048	J		<0.1	U		0.0049	J	
		VMP-10-20-111810-Dup	11/17/2010	0.017			0.0015	J		<0.0061	U		<0.0095	U		<0.0086	U		0.013			<0.053	U		0.0097		
		VMP-10-20-021111	2/11/2011	0.018			<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		0.0056			<0.052	U		0.0043		
		VMP-10-20-040611	4/6/2011	0.05			0.0026	J		<0.0072	J	U	<0.011	U		<0.01	U		0.0036	J		<0.063	J	U	0.0084		
		VMP-10-20-072911	7/29/2011	0.062			0.0014	J		0.0013	J		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.003	J	
		VMP-10-20-110411	11/4/2011	0.085			0.00094	J		0.0015	J		<0.0068	U		<0.0062	U		0.002	J		<0.038	U		0.0033		
		VMP-10-20-012612	1/26/2012	0.0046	J		<0.0036	U		<0.0041	U		<0.0064	U		<0.0059	U		0.0026	J		<0.036	U		0.011		
		VMP-10-20-041212	4/12/2012	0.011			0.00093	J		<0.0046	U		<0.0072	U		<0.0066	U		0.0066			<0.04	U		0.013		
		VMP-10-20-071612	7/16/2012	0.0024	J		<0.0039	J	U	<0.0044	U		<0.0068	U		<0.0062	U		0.003	J		<0.038	U		0.0043		
		VMP-10-20-101612	10/16/2012	0.0056	J		<0.0069	U		0.0067	J		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		0.0035	J	
		VMP-10-20-012913	1/29/2013	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0029	J	
		VMP-10-20-043013	4/30/2013	<0.012	U		<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-10-20-073013	7/30/2013	0.0027	J		0.005	J		0.0055	J		<0.01	U		<0.0093	U		0.0038	J		<0.057	U		0.0016	J	
		VMP-10-20-102313	10/23/2013	0.01			0.00033	J		<0.0064	U		<0.01	U		<0.0092	U		0.0012	J		<0.056	U	UJ	0.00093	J	
		VMP-10-20-021214	2/12/2014	<0.0085	U		<0.0049	U		0.0025	J		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		0.001	J	
		VMP-10-20-042914	4/29/2014	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-10-20-073114	7/31/2014	0.0082	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-10-20-103014	10/30/2014	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
		VMP-10-20-020515	2/5/2015	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		0.0028	J	
		VMP-10-20-043015	4/30/2015	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0017	J	
		VMP-10-20-072815	7/28/2015	<0.01	J	U	0.0018	J		<0.0068	U		<0.011	U		<0.0097	U		0.0028	J		<0.059	U		0.0042	J	
		VMP-10-20-072815-DUP	7/28/2015	0.013			0.0023	J		<0.007	U		<0.011	U		<0.01	U		0.003	J		<0.061	U		0.0046	J	
		VMP-10-20-103015	10/30/2015	0.0082	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-10-20-012916	1/29/2016	<0.0095	U		<0.0055	U		0.0016	J	J	<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-10-20-050216	5/2/2016	0.0082	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-10-20-072816	7/28/2016	<0.021	U		<0.012	U		<0.014	U		<0.021	U		<0.02	U		<0.011	U		<0.12	U		<0.0098	U	
		VMP-10-20-110216	11/2/2016	<0.01	U		0.052			0.04			<0.01	U		<0.0095	U		0.014			<0.058	U		0.025		
	30 ft	VMP-10-30	11/13/2009	<0.009	U		<0.005	U		<0.006	U		<0.009	U		<0.008	U		<0.005	U		<0.053	U		0.0052		
		VMP-10-30-041212	4/12/2012	0.04			0.0016	J		<0.0048	U		<0.0075	U		<0.0068	U		0.0028	J		<0.042	U		0.008		
		VMP-10-30-071612	7/16/2012	<0.0065	U		<0.0038	J	U	0.0011	J		<0.0066	U		<0.006	U		0.0045			<0.037	U		0.01		
		VMP-10-30-101612	10/16/2012	0.022			<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		0.0021	J		<0.064	U		0.0046	J	
		VMP-10-30-012913	1/29/2013	0.0042	J		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		0.00092	J	
		VMP-10-30-043013	4/30/2013	<0.011	U		0.0016	J		<0.0071	U		<0.011	U		<0.01	U		0.0064			<0.061	U		0.0084		
		VMP-10-30-073013	7/30/2013	0.012			0.0013	J		<0.0066	U		<0.01	U		<0.0093	U		0.0024	J		<0.057	U		0.002	J	
		VMP-10-30-102813	10/28/2013	0.009	J		0.00031	J		<0.007	U		0.00069	J		<0.01	U		0.0016	J		<0.061	U	UJ	0.00072	J	
		VMP-10-30-021214	2/12/2014	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		0.001	J	
		VMP-10-30-042914	4/29/2014	<0.0097	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-10-30-073114	7/31/2014	0.01	J		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-10-30-073114-Dup	7/31/2014	0.011			<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		0.0014	J	
		VMP-10-30-103014	10/30/2014	<0.0095	J	U	<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		0.0013	J	
		VMP-10-30-103014-DUP	10/30/2014	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.002	J	
		VMP-10-30-020515	2/5/2015	0.022			0.0032	J		0.0013	J		<0.01	U		<0.0093	U		0.0085			<0.057	U		0.021		J
		VMP-10-30-020515-DUP	2/5/2015	0.0077	J		0.0021	J		<0.0063	U		<0.0098	U		<0.009	U		0.0049	J		<0.055	U		0.012		J
		VMP-10-30-043015	4/30/2015	<0.01	U		0.0018	J		<0.0065	U		<0.01	U		<0.0093	U		0.0016	J		0.0037	J		0.0037	J	
		VMP-10-30-072815	7/28/2015	<0.011	J	U	<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-10-30-103015	10/30/2015	0.0054	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
		VMP-10-30-012916-DUP	1/29/2016	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		0.0022	J		<0.054	U		0.0022	J	
		VMP-10-30-050216	5/2/2016	0.0064	J		0.0016	J		<0.0065	U		<0.01	U		<0.0093	U		0.0029	J		<0.057	U		0.006		
		VMP-10-30-050216-DUP	5/2/2016	0.0088	J		0.0014	J		<0.0065	U		<0.01	U		<0.0093	U		0.0026	J		<0.057	U		0.0057		
		VMP-10-30-072816	7/28/2016	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		0.0014	J	
		VMP-10-30-110216	11/2/2016	<0.012	J	U	<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.067	U		<0.039	U		<0.044	U		<0.068	U		<0.062	U		<0.037	U		<0.38	U		<0.032	U	
		VMP-11-5-090710	9/7/2010	0.0099			0.0019	J		<0.0061	U		<0.0095	U		<0.0086	U		0.001	J		<0.053	U		<0.0044	U	
		VMP-11-5-112210	11/22/2010	0.011			0.0021	J		<0.0063	U		<0.0099	U		<0.009	U		0.0013	J		<0.055	U		0.0018	J	
		VMP-11-5-021511	2/15/2011	0.017			0.0055			<0.0056	J	U	<0.0087	U		<0.008	U		0.018			<0.049	U		0.028		
		VMP-11-5-040611	4/6/2011	<0.081	U		<0.047	U		<0.053	U		<0.083	U		<0.076	U		0.042	J		<0.46	U		0.28		
		VMP-11-5-080711	8/7/2011	0.046	J		<0.064	U		<0.073	U		<0.11	U		<0.1	U		<0.061	U		<0.63	U		<0.052	U	
		VMP-11-5-111111	11/11/2011	<0.022	U		<0.013	U		<0.014	U		<0.022	U		<0.02	U		0.084			<0.12	U		0.25		
		VMP-11-5-012612	1/26/2012	0.022			0.00096	J		<0.0043	U		<0.0067	U		<0.0061	U		<0.0036	U		<0.037	U		<0.0031	U	
		VMP-11-5-041912	4/19/2012	0.037		J	0.0034	J		<0.0048	U		<0.0075	U		<0.0068	U		0.0062			<0.042	U		0.0037		
		VMP-11-5-071912	7/16/2012	0.006	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	J	U	<0.054	U		<0.0045	J	U
		VMP-11-5-101612	10/16/2012	0.012			<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-11-5-012913	1/29/2013	<0.54	U		<0.31	U		<0.35	U		<0.55	U		<0.5	U		0.23	J		<3.1	U		0.12	J	
		VMP-11-5-043013	4/30/2013	<0.011	J	U	<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-11-5-073113	7/31/2013	<0.012	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U		<0.0054	U	
		VMP-11-5-102813	10/28/2013	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	ND,UJ	UJ	<0.0049	U	
		VMP-11-5-022114	2/21/2014	<0.0093	U		0.0048	J		0.011			<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-11-5-043014	4/30/2014	<0.0085	J	U	<0.0049	U		<0.0056	U		0.0019	J		<0.0079	U		0.0015	J		<0.048	U		0.0015	J	
		VMP-11-5-073114	7/31/2014	0.012			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-11-5-103014	10/30/2014	0.014			<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-11-5-020515	2/5/2015	0.014			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-11-5-043015	4/30/2015	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0016	J	
		VMP-11-5-072815	7/28/2015	0.016			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0045	J		<0.06	U		0.0088		
		VMP-11-5-103015	10/30/2015	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		0.0017	J	
		VMP-11-5-012916	1/29/2016	0.0043	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0048	U	
		VMP-11-5-050216	5/2/2016	0.012			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0016	J	
		VMP-11-5-080116	8/1/2016	0.046			0.0022	J		<0.007	U		<0.011	U		<0.0099	U		0.0059			<0.06	U		0.0023	J	
		VMP-11-5-110116	11/1/2016	0.026			0.014			0.0019	J		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.0017	J	
	8 ft	VMP-11-8	11/17/2009	0.14		J	<0.005	U		<0.006	U		<0.009	U		<0.008	U		<0.005	U		<0.053	U		<0.004	U	
		VMP-11-8-090810	9/8/2010	0.013			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0016	J		<0.055	U		0.0034	J	
		VMP-11-8-112210	11/22/2010	0.0056	J		0.0016	J		<0.0063	U		<0.0099	U		<0.009	U		0.00074	J		<0.055	U		<0.0045	U	
		VMP-11-8-021111	2/11/2011	0.036			<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		0.0033	J		<0.053	U		0.003	J	
		VMP-11-8-021111-DUP	2/11/2011	0.016			<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		0.0017	J		<0.05	U		0.0016	J	
		VMP-11-8-040611	4/6/2011	<0.042	U		<0.024	U		<0.027	U		<0.042	U		<0.039	U		0.035			<0.24	U		<0.02	U	UJ
		VMP-11-8-040611-DUP	4/6/2011	<0.036	U		<0.021	U		<0.024	U		<0.037	U		<0.034	U		0.025			<0.2	U		0.12		J
		VMP-11-8-080711	8/7/2011	0.14			<0.064	U		<0.073	U		<0.11	U		<0.1	U		<0.061	U		<0.63	U		<0.052	U	
		VMP-11-8-111411	11/14/2011	0.043			0.0013	J		0.00086	J		<0.0067	U		<0.0062	U		0.005			<0.038	U		0.016		
		VMP-11-8-012612	1/26/2012	0.019			<0.0037	U		<0.0042	U		<0.0066	U		<0.006	U		<0.0035	U		<0.036	U		<0.003	U	
		VMP-11-8-041912	4/19/2012	0.052		J	0.0024	J		<0.0048	U		<0.0075	U		<0.0068	U		0.0019	J		<0.042	U		0.0025	J	
		VMP-11-8-072012	7/20/2012	0.025			<0.0042	U		<0.0048	U		<0.0075	U		<0.0068	U		<0.004	U		<0.042	U		<0.0034	U	
		VMP-11-8-101612	10/16/2012	0.047			<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.0032	J	
		VMP-11-8-101612-Dup	10/16/2012	0.041			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0027	J	
		VMP-11-8-012913	1/29/2013	<0.074	U		<0.043	U		<0.048	U		<0.075	U		<0.069	U		<0.04	U		<0.42	U		<0.035	U	
		VMP-11-8-050113	5/1/2013	0.0065	J		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-11-8-080113	8/1/2013	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-11-8-102813	10/28/2013	0.0064	J		0.00075	J		0.001	J		<0.011	U		<0.01	U		0.0023	J		<0.062	J	U	0.0017	J	
		VMP-11-8-022114	2/21/2014	<0.0089	U		0.0023	J		0.0068			<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-11-8-043014	4/30/2014	<0.0087	J	U	<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		0.0028	J		<0.049	U		0.00094	J	
		VMP-11-8-073114	7/31/2014	0.011			<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-11-8-111014-R	11/10/2014	0.0055	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.00093	J	
		VMP-11-8-020515	2/5/2015	0.011			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-11-8-043015	4/30/2015	<0.01	U		0.0019	J		<0.0068	U		<0.01	U		<0.0096	U		0.0018	J		<0.059	U		0.0027	J	
		VMP-11-8-072815	7/28/2015	0.013			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0013	J		<0.06	U		<0.005	U	
		VMP-11-8-103015	10/30/2015	0.014			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.0018	J		<0.052	U		0.0023	J	
		VMP-11-8-012916	1/29/2016	0.0082	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-11-8-050616	5/6/2016	<0.011	U		0.0015	J		0.0096			<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-11-8-080116	8/1/2016	0.0077	J		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0012	J	
		VMP-11-8-110116	11/1/2016	0.018			0.0059			0.0053	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0013	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	29 ft	VMP-11-29	11/18/2009	<64	U		<37	U		<42	U		<65	U		<59	U		<35	U		<360	U		<30	U	
		VMP-11-29-090810	9/8/2010	<0.24	U		0.033	J		0.26			<0.25	U		<0.22	U		<0.13	U		<1.4	U		0.1	J	
		VMP-11-29-112210	11/22/2010	<3.5	U		<2	U		<2.3	U		<3.5	U		<3.2	U		<1.9	U		<20	U		<1.6	U	
		VMP-11-29-112210-Dup	11/22/2010	<2.4	U		<1.4	U		<1.6	U		<2.4	U		<2.2	U		<1.3	U		<14	U		<1.1	U	
		VMP-11-29-021411	2/14/2011	0.018			0.0015	J		<0.0061	J	U	<0.0096	U		<0.0087	U		0.0062			<0.053	U		0.042		
		VMP-11-29-040611	4/6/2011	<0.071	U		<0.041	U		<0.046	U		<0.072	U		<0.066	U		0.052			<0.4	U		0.25		
		VMP-11-29-082511	8/25/2011	0.013			0.0014	J		0.0017	J	J	<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.002	J	
		VMP-11-29-082511-Dup	8/25/2011	0.016			0.0012	J		0.0018	J	J	<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0032	J	
		VMP-11-29-111411	11/14/2011	0.026			0.00086	J		<0.0043	U		<0.0067	U		<0.0061	U		0.0029	J		<0.037	U		0.0023	J	
		VMP-11-29-012612	1/26/2012	0.031			<0.0036	U		<0.0041	U		<0.0064	U		<0.0059	U		<0.0034	U		<0.036	U		<0.003	U	
		VMP-11-29-042712	4/27/2012	0.018			0.002	J		<0.0043	U		<0.0067	U		<0.0061	U		0.0026	J		<0.037	U		0.0037		
		VMP-11-29-072012	7/23/2012	0.1			0.01			0.0017	J		<0.0067	U		<0.0061	U		0.038			<0.037	U		0.0095		
		VMP-11-29-101612	10/16/2012	0.0051	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-11-29-012913	1/29/2013	0.028			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0012	J	
		VMP-11-29-043013	4/30/2013	<0.011	J	U	0.0028	J		<0.007	J	U	<0.011	U		<0.01	U		<0.0058	U		<0.061	U		<0.005	U	
		VMP-11-29-073113	7/31/2013	0.0046	J		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0011	J	
		VMP-11-29-102813	10/28/2013	0.0054	J		<0.01	U		<0.011	U		<0.018	U		<0.016	U		0.0014	J		<0.1	J	U	0.0016	J	
		VMP-11-29-022114	2/21/2014	<0.012		U	<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-11-29-043014	4/30/2014	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		0.00076	J	
		VMP-11-29-073114	7/31/2014	0.013			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0017	J	
		VMP-11-29-103014	10/30/2014	0.01			<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-11-29-103014-DUP	10/30/2014	<0.009	J	U	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.0026	J		<0.051	U		0.0027	J	
		VMP-11-29-020515	2/5/2015	0.015			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-11-29-020515-DUP	2/5/2015	0.011			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-11-29-043015	4/30/2015	<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-11-29-072815	7/28/2015	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-11-29-110515	11/5/2015	0.0056	J		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-11-29-012916	1/29/2016	0.0046	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-11-29-050216	5/2/2016	0.0049	J		0.0064			0.0013	J		<0.011	U		<0.0097	U		0.012			<0.059	U		0.011		
		VMP-11-29-080216	8/2/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0041	J		<0.058	U		0.0018	J	
		VMP-11-29-110116	11/1/2016	0.0055	J		0.0044	J		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
	38 ft	VMP-11-38	11/18/2009	<180	U		<110	U		<120	U		<190	U		<170	U		<100	U		<1000	U		<87	U	
		VMP-11-38-042312	4/23/2012	<0.49	U		0.031	J		<0.32	U		<0.5	U		<0.46	U		<0.27	U		<2.8	U		<0.23	U	
		VMP-11-38-042312-Dup	4/23/2012	<1.7	U		<0.99	U		<1.1	U		<1.8	U		<1.6	U		<0.94	U		<9.8	U		<0.81	U	
		VMP-11-38-072312	7/23/2012	<0.82	U		<0.47	U		<0.53	U		<0.83	U		<0.76	U		<0.44	U		<4.6	U		<0.38	U	
		VMP-11-38-101612	10/16/2012	0.005	J		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		0.0023	J	
		VMP-11-38-013013	1/30/2013	0.008	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0013	J	
		VMP-11-38-043013	4/30/2013	<0.011	J	U	<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-11-38-073113	7/31/2013	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0013	J	
		VMP-11-38-073113-Dup	7/31/2013	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		0.0015	J		<0.062	U		0.0023	J	
		VMP-11-38-102813	10/28/2013	0.0044	J		0.00068	J		0.00093	J		<0.011	U		<0.0098	U		0.0018	J		<0.06	U		0.0016	J	
		VMP-11-38-022114	2/21/2014	<0.0096	J	U	<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-11-38-043014	4/30/2014	<0.0094	J	U	<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0068			<0.054	U		0.0024	J	
		VMP-11-38-073114	7/31/2014	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-11-38-103014	10/30/2014	0.01	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U	UJ	<0.061	U		<0.005	U	
		VMP-11-38-020515	2/5/2015	0.016			0.002	J		0.0012	J		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0017	J	
		VMP-11-38-043015	4/30/2015	<0.011	U		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		0.0012	J	
		VMP-11-38-072815	7/28/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-11-38-103015	10/30/2015	0.0083	J		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		0.0015	J		<0.053	U		<0.0044	U	
		VMP-11-38-103015-DUP	10/30/2015	0.0081	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-11-38-012916	1/29/2016	0.046			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-11-38-050216	5/2/2016	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-11-38-050216-DUP	5/2/2016	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		0.00084	J	
		VMP-11-38-080216	8/2/2016	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-11-38-110216	11/2/2016	<0.011	J	U	<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<24	U		<14	U		<16	U		<24	U		<22	U		17			<130	U		200		
		VMP-12-5-090310	9/3/2010	<10	U		<5.8	U		<6.6	U		<10	U		<9.4	U		<5.5	U		<57	U		11		
		VMP-12-5-120310	12/3/2010	<100	U		<58	U		<65	U		<100	U		<93	U		<54	U		<570	U		370		
		VMP-12-5-021511	2/15/2011	<4.6	U		<2.6	U		<3	U		<4.7	U		<4.3	U		<2.5	U		<26	U		9.6		
		VMP-12-5-041911	4/19/2011	5.2	J		<19	U		<22	U		<34	U		<31	U		<18	U		<190	U		5.1	J	
		VMP-12-5-080411	8/4/2011	<8.7	U		<5	U		<5.7	U		<8.8	U		<8.1	U		<4.7	U		<49	U		16		
		VMP-12-5-111611	11/16/2011	0.015			0.00074	J		<0.004	U		<0.0062	U		<0.0057	U		0.0046			<0.035	U		0.036		
		VMP-12-5-012412	1/24/2012	<0.069	J	U	0.0036	J		0.0078	J		<0.07	U		<0.064	U		0.4			<0.39	U		3.5		
		VMP-12-5-041912	4/19/2012	0.0088		J	0.0056			0.0012	J		<0.007	U		<0.0064	U		0.012			<0.039	U		0.019		
		VMP-12-5-072612	7/26/2012	0.017			0.0029	J		<0.0048	U		<0.0075	U		<0.0068	U		0.0081			<0.042	U		0.0084		J
		VMP-12-5-072612-Dup	7/26/2012	0.013			<0.0039	U		<0.0044	U		<0.0068	U		<0.0062	U		0.0006	J		<0.038	U		0.00045	J	J
		VMP-12-5-102412	10/24/2012	0.01	J		0.0016	J		<0.0074	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		0.0026	J	
		VMP-12-5-021813	2/18/2013	0.0042	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0034	J	
		VMP-12-5-051013	5/10/2013	0.087		J	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0017	J	
		VMP-12-5-081213	8/12/2013	0.007	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.00077	J		<0.058	U		0.0037	J	
		VMP-12-5-111413	11/14/2013	<0.01	U		<0.0058	U		0.0087			<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-12-5-031914-R	3/19/2014	0.025			<0.0055	U		0.0031	J		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	J	U
		VMP-12-5-050214	5/2/2014	<0.0079	U		<0.0045	U		<0.0051	U		<0.008	U		<0.0073	U		0.0027	J		<0.044	U		0.0029	J	
		VMP-12-5-081514	8/15/2014	<0.011	U		0.0018	J		0.002	J		<0.011	U		<0.0098	U		0.0032	J		<0.06	U		0.027		
		VMP-12-5-110714	11/10/2014	0.01	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0024	J	
		VMP-12-5-021115	2/11/2015	<0.0095	U		0.0045	J		0.04		J	<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0013	J	
		VMP-12-5-050715	5/7/2015	0.0047	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0016	J	
		VMP-12-5-073115	7/31/2015	0.0098	J		0.02			0.016			<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		0.0038	J	
		VMP-12-5-110415	11/4/2015	0.023			0.15			0.29			<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0088		
		VMP-12-5-020316	2/3/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-12-5-050416	5/4/2016	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.067	U		<0.0056	U	
		VMP-12-5-080316	8/3/2016	<0.01	U		0.0024	J		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-12-5-103116	10/31/2016	0.014			0.11			0.0091			<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0014	J	
	11.5 ft	VMP-12-11.5	11/13/2009	<41	U		<24	U		<27	U		<42	U		<38	U		<22	U		<230	U		230		
		VMP-12-11.5-090310	9/3/2010	<13	U		5.4	J		<8.5	U		<13	U		<12	U		4.5	J		<74	U		41		
		VMP-12-11.5-120310	12/3/2010	<11	U		<6.5	U		<7.3	U		<11	U		<10	U		<6.1	U		<64	U		11		
		VMP-12-11.5-021511	2/15/2011	<10	U		<5.8	U		<6.6	U		<10	U		<9.4	U		<5.5	U		<57	U		18		
		VMP-12-11.5-021511-DUP	2/15/2011	<8.7	U		<5	U		<5.7	U		<8.8	U		<8.1	U		<4.7	U		<49	U		15		
		VMP-12-11.5-041911	4/19/2011	<30	U		<18	U		<20	U		<31	U		<28	U		<16	U		<170	U		6.9	J	
		VMP-12-11.5-080411	8/4/2011	<11	U		<6.1	U		<6.9	U		<11	U		<9.8	U		<5.8	U		<60	U		9.1		
		VMP-12-11.5-111611	11/16/2011	0.02	J		<0.049	U		<0.055	U		<0.086	U		<0.079	U		<0.046	U		<0.48	U		0.054		
		VMP-12-11.5-012412	1/24/2012	<0.79	U		<0.46	U		<0.52	U		<0.8	U		<0.73	U		<0.43	U		<4.5	U		1.6		
		VMP-12-11.5-041912	4/19/2012	<0.072	U		0.005	J		<0.047	U		<0.073	U		<0.067	U		<0.039	U		<0.41	U		0.023	J	
		VMP-12-11.5-082012	8/20/2012	0.045		J	0.0029	J		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		0.002	J	
		VMP-12-11.5-102612	10/26/2012	0.025			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0016	J		<0.062	U		0.0057		
		VMP-12-11.5-021813	2/18/2013	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.00098	J	
		VMP-12-11.5-051013	5/10/2013	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-12-11.5-081213	8/12/2013	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.00096	J		<0.062	U		<0.0051	U	
		VMP-12-11.5-111413	11/14/2013	0.021			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-12-11.5-022814	2/28/2014	<0.0093	ND,UJ	UJ	0.0026	J		0.03			<0.0095	U		<0.0086	U		0.0016	J		<0.053	U		0.0007	J	
		VMP-12-11.5-050214	5/2/2014	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-12-11.5-081514	8/15/2014	<0.01	U		0.00089	J		<0.0067	U		0.0022	J		<0.0095	U		<0.0056	U		<0.058	U		0.0019	J	
		VMP-12-11.5-110714	11/7/2014	0.014	J		0.013			0.097			<0.022	U		<0.02	U		<0.012	U		<0.12	U		0.0037	J	
		VMP-12-11.5-021115	2/11/2015	<0.0093	J	U	<0.0053	U		<0.006	J	UJ	<0.0094	U		<0.0086	U		0.0037	J		<0.052	U		0.011		
		VMP-12-11.5-050715	5/7/2015	0.0043	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-12-11.5-073115	7/31/2015	0.0067	J		<0.0065	U		0.0017	J		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-12-11.5-110415	11/4/2015	0.0043	J		0.0013	J		<0.0056	J	U	<0.0088	U		<0.008	U		0.0015	J		<0.049	U		0.0011	J	
		VMP-12-11.5-020316	2/3/2016	0.0074	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-12-11.5-050416	5/4/2016	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-12-11.5-080316	8/3/2016	0.0041	J		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-12-11.5-110316	11/3/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	25 ft	VMP-12-25	11/13/2009	<85	U		<49	U		<56	U		<87	U		<79	U		220			<480	U		1200		
		VMP-12-25-090310	9/3/2010	<16	U		14			<11	U		<17	U		<15	U		100			<94	U		860		
		VMP-12-25-120310	12/3/2010	<0.82	U		<0.47	U		<0.54	U		<0.84	U		<0.76	U		<0.45	U		<4.6	U		0.55		
		VMP-12-25-021511	2/15/2011	<20	U		4.1	J		<13	U		<20	U		<18	U		32			<110	U		180		
		VMP-12-25-041911	4/19/2011	<33	U		<19	U		<21	U		<33	U		<30	U		10	J		<180	U		110		
		VMP-12-25-080411	8/4/2011	<21	U		<12	U		<14	U		<21	U		<19	U		9.2	J		<120	U		190		
		VMP-12-25-111611	11/16/2011	<24	U		<14	U		<15	U		<24	U		<22	U		<13	U		<130	U		40		
		VMP-12-25-012412	1/24/2012	<9	U		<5.2	U		<5.9	U		<9.2	U		<8.4	U		<4.9	U		<51	U		40		J
		VMP-12-25-012412-DUP	1/24/2012	<66	U		<38	U		<43	U		<67	U		<61	U		<36	U		<370	U		36		
		VMP-12-25-041912	4/19/2012	<6.9	U		<4	U		<4.5	U		<7	U		<6.4	U		<3.7	U		<39	U		9.9		
		VMP-12-25-072712	7/27/2012	<7.6	U		<4.4	U		<4.9	U		<7.7	U		<7	U		<4.1	U		<43	U		<3.5	U	
		VMP-12-25-072712-Dup	7/27/2012	<7.6	U		<4.4	U		<4.9	U		<7.7	U		<7	U		<4.1	U		<43	U		<3.5	U	
		VMP-12-25-102512	10/25/2012	<3.2	U		<1.9	U		<2.1	U		<3.3	U		<3	U		<1.8	U		<18	U		<1.5	U	
		VMP-12-25-021513	2/15/2013	<6.1	U		<3.5	U		<4	U		<6.2	U		<5.6	U		<3.3	U		<34	U		6.6		J
		VMP-12-25-051013	5/10/2013	<20	U		<12	U		<13	U		<20	U		<18	U		<11	U		<110	U		<9.3	U	
		VMP-12-25-081213	8/12/2013	<10	U		<6	U		<6.8	U		<11	U		<9.7	U		<5.7	U		<59	U		<4.9	U	
		VMP-12-25-111413	11/14/2013	<0.2	U		<0.12	U		<0.13	U		<0.2	U		<0.19	U		<0.11	U		<1.1	U		<0.094	U	
		VMP-12-25-022814	2/28/2014	<0.2	U		<0.12	U		<0.13	U		<0.2	U		<0.18	U		<0.11	U		<1.1	U		0.079	J	
		VMP-12-25-050214	5/2/2014	<0.011	U		0.098			0.23			<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.0051	U	
		VMP-12-25-081514	8/15/2014	<0.011	U		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-12-25-110714	11/7/2014	0.006	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0028	J	
		VMP-12-25-021115	2/11/2015	<0.0084	U		<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		0.0015	J	
		VMP-12-25-050715	5/7/2015	0.0058	J		<0.0065	U		0.003	J		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		0.0023	J	
		VMP-12-25-073115	7/31/2015	<0.012	U		<0.007	U		<0.008	U		<0.012	U		<0.011	U		<0.0066	U		<0.069	U		<0.0057	U	
		VMP-12-25-110415	11/4/2015	<0.01	U		0.34			0.61			<0.01	U		<0.0093	U		0.0028	J		<0.057	U		0.0014	J	
		VMP-12-25-021616	2/16/2016	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0012	J	
		VMP-12-25-021616-DUP	2/16/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.0014	J	
		VMP-12-25-050416	5/4/2016	<0.01	U		0.0019	J		<0.0065	U		<0.01	U		<0.0093	U		0.0026	J		<0.056	U		0.002	J	
		VMP-12-25-080316	8/3/2016	0.0038	J		<0.006	U		0.015			<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-12-25-103116	10/31/2016	0.0058	J		0.0027	J		0.018			<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-12-25-103116-Dup	10/31/2016	0.016		J	0.0035	J		0.016			<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-12-39	11/13/2009	<89	U		71			<58	U		<91	U		<83	U		370			<500	U		1400		
		VMP-12-39-041911	4/19/2011	<32	U		10	J		<21	U		<32	U		<29	U		180			<180	U		1200		
		VMP-12-39-012412	1/24/2012	<66	U		3.5	J		<43	U		<67	U		<61	U		280			<370	U		1900		
		VMP-12-39-041912	4/19/2012	<33	U		3	J		<22	U		<34	U		<30	U		150			<190	U		840		
		VMP-12-39-072612	7/26/2012	<15	U		<8.7	U		<9.9	U		<15	U		<14	U		26			<86	U		240		
		VMP-12-39-102412	10/24/2012	<40	U		4.6	J		<26	U		<41	U		<37	U		<22	U		<230	U		58		
		VMP-12-39-021513	2/15/2013	<18	U		41			9.2	J		<18	U		<17	U		78			<100	U		220		
		VMP-12-39-051013	5/10/2013	<32	U		24			3.6	J		<32	U		<29	U		40			<180	U		99		
		VMP-12-39-081213	8/12/2013	<14	U		66			6	J		<14	U		<13	U		120			<78	U		340		
		VMP-12-39-111413	11/14/2013	<33	U		8	J		<22	U		<34	U		<30	U		13	J		<190	U		36		
		VMP-12-39-022814	2/28/2014	<4.5	U		5.8			1.6	J		<4.6	U		<4.2	U		7.3			<26	U		20		
		VMP-12-39-050214	5/2/2014	<4.9	U		<2.8	U		<3.2	U		<5	U		<4.5	U		<2.7	U		<28	U		2.3		
		VMP-12-39-081514	8/15/2014	<12	U		<6.8	U		<7.7	U		<12	U		<11	U		<6.4	U		<66	U		<5.5	U	
	39 ft	VMP-12-39-081514-Dup	8/15/2014	<10	U		<5.9	U		<6.6	U		<10	U		<9.4	U		<5.5	U		<58	U		<4.8	U	
		VMP-12-39-110714	11/7/2014	<5.1	U		<2.9	U		<3.3	U	UJ	<5.2	U		<4.7	U		<11	U	UJ	<29	U		3.6		
		VMP-12-39-021115	2/11/2015	<2.5	ND,UJ	UJ	<1.4	U		<1.6	U		<2.5	U		<2.3	U		<1.4	U		<14	U		<1.2	U	
		VMP-12-39-050715	5/7/2015	180			1.4	J		<3.6	U		<5.6	U		<5.1	U		<3	U		<31	U		2.7		
		VMP-12-39-050715-DUP	5/7/2015	160			1.2	J		<3.3	U		<5.2	U		<4.8	U		<2.8	U		<29	U		1.7	J	
		VMP-12-39-061515-Dup-R	6/15/2015	<0.094	U		<0.054	U		<0.061	U		<0.095	U		<0.087	U		0.038	J	J	<0.53	U		<0.044	U	
		VMP-12-39-061515-R	6/15/2015	<0.11	U		<0.062	U		<0.07	U		<0.11	U		<0.1	U		0.039	J		<0.61	U		0.079		
		VMP-12-39-073115	7/31/2015	<2.3	U		0.28	J		<1.5	U		<2.3	U		<2.1	U		<1.2	U		<13	U		<1.1	U	
		VMP-12-39-073115-DUP	7/31/2015	<6.2	U		<3.6	U		<4	U		<6.3	U		<5.7	U		<3.4	U		<35	U		<2.9	U	
		VMP-12-39-110415	11/4/2015	<3.8	U		0.66	J		<2.5	U		<3.9	U		<3.6	U		1	J		<22	U		<1.8	U	
		VMP-12-39-020316	2/3/2016	<28	U		<16	U		3.1	J		<29	U		<26	U		<15	U		<160	U		<13	U	
		VMP-12-39-050416	5/4/2016	<9.7	U		<5.6	U		<6.3	U		<9.8	U		<9	U		<5.3	U		<55	U		5.5		
		VMP-12-39-080316	8/3/2016	<8.4	U		<4.9	U		0.83	J		<8.6	U		<7.8	U		3.3	J		<48	U		4.5		
		VMP-12-39-110316	11/3/2016	17	J		<13	U		<14	U		<22	U		<20	U		7.8	J		<120	U		36		

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<18	U		<10	U		<12	U		<18	U		<17	U		<9.9	U		<100	U		<8.5	U	
		VMP 13-5-091310	9/13/2010	0.24			<0.038	U		<0.043	U		<0.067	U		<0.062	U		0.0094	J		<0.38	U		0.015	J	
		VMP-13-5-120110	12/1/2010	0.007	J		0.047			0.032			<0.0089	U		<0.0081	U		0.084			<0.05	U		0.14		
		VMP-13-5-021811	2/18/2011	0.024			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0016	J		<0.059	U		0.0022	J	
		VMP-13-5-040511	4/5/2011	0.0054	J		<0.012	U		<0.014	U		<0.021	U		<0.019	U		0.007	J		<0.12	U		0.0088	J	
		VMP-13-5-080911	8/9/2011	0.063		J	0.0025	J		0.0019	J		<0.023	U		<0.021	U		<0.012	U		<0.13	U		0.0065	J	
		VMP-13-5-080911-DUP	8/9/2011	0.14		J	0.0021	J		<0.013	U		<0.02	U		<0.018	U		<0.011	U		<0.11	U		0.0098		
		VMP-13-5-111411	11/14/2011	0.027			0.00094	J		<0.0045	U		<0.007	U		<0.0064	U		0.002	J		<0.039	U		0.00093	J	
		VMP-13-5-012712	1/27/2012	0.014	J	J	0.0044	J	J	<0.038	U		<0.059	U		<0.054	U		0.035		J	<0.33	U		0.18		J
		VMP-13-5-042012	4/20/2012	0.022			0.0013	J		<0.0044	U		<0.0068	U		<0.0062	U		<0.0037	U		<0.038	U		<0.0032	U	
		VMP-13-5-071912	7/19/2012	0.056			0.0044			0.0045	J		<0.0072	U		<0.0065	U		0.0053			<0.04	U		0.0061		
		VMP-13-5-071912-Dup	7/19/2012	0.052			0.0036	J		0.004	J		<0.0072	U		<0.0065	U		0.0058			<0.04	U		0.0054		
		VMP-13-5-100912	10/9/2012	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0038	J		<0.062	U		0.0069		
		VMP-13-5-012913	1/29/2013	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-13-5-050113	5/1/2013	0.0099	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0052	J		<0.058	U		0.0082		
		VMP-13-5-073113	7/31/2013	0.0087	J		<0.0063	U		<0.0071	J	U	<0.011	U		<0.01	U		0.0062			<0.062	U		0.0048		
		VMP-13-5-111513	11/15/2013	<0.01	U		<0.006	U		0.0028	J		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-13-5-022114	2/21/2014	<0.0083	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-13-5-050114	5/1/2014	0.02			0.002	J		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		0.0033	J	
		VMP-13-5-080814	8/8/2014	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-13-5-103014	10/30/2014	0.49			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-13-5-020515	2/5/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-13-5-043015	4/30/2015	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-13-5-072715	7/27/2015	<0.01	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-13-5-110215	11/2/2015	0.0061	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-13-5-012616	1/26/2016	<0.0087	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		0.0015	J	
		VMP-13-5-050316	5/3/2016	0.0046	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-13-5-072916	7/29/2016	0.046			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.00076	J	
		VMP-13-5-110216	11/2/2016	0.012			0.023			0.0036	J		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		0.0012	J	
	10.5 ft	VMP-13-10.5	11/17/2009	<2.2	U		<1.3	U		<1.5	U		<2.3	U		<2.1	U		<1.2	U		<13	U		<1	U	
		VMP-13-10.5-D	11/17/2009	<2.3	U		<1.3	U		<1.5	U		<2.4	U		<2.2	U		<1.3	U		<13	U		<1.1	U	
		VMP 13-10.5-091310	9/13/2010	<0.024	U		<0.014	U		<0.016	U		<0.025	U		<0.023	U		0.0052	J		<0.14	U		0.028		J
		VMP 13-10.5-091310-Dup	9/13/2010	0.014	J		<0.014	U		<0.016	U		<0.024	U		<0.022	U		0.0072	J		<0.14	U		0.043		J
		VMP-13-10.5-120110	12/1/2010	<0.0098	U		<0.0056	J	U	<0.0064	U		<0.0099	U		<0.009	U		0.0029	J		<0.055	U		0.0076		
		VMP-13-10.5-120110-DUP	12/1/2010	0.016			<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		0.0036	J		<0.058	U		0.01		
		VMP-13-10.5-021811	2/18/2011	<4	U		<2.3	U		<2.6	U		<4.1	U		<3.7	U		<2.2	U		<23	U		<1.9	U	
		VMP-13-10.5-021811-DUP	2/18/2011	<3.9	U		<2.2	U		<2.5	U		<3.9	U		<3.6	U		<2.1	U		<22	U		<1.8	U	
		VMP-13-10.5-040511-DUP	4/5/2011	0.0077	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.003	J		<0.059	U		0.0063		
		VMP-13-10.5-080911	8/9/2011	<0.23	U		<0.13	U		<0.15	U		<0.23	U		<0.21	U		<0.12	U		<1.3	U		0.3		
		VMP-13-10.5-111411	11/14/2011	0.053			0.0012	J		0.00071	J		<0.0067	U		<0.0062	U		0.0018	J		<0.038	U		0.0013	J	
		VMP-13-10.5-012712	1/26/2012	0.0084	J		<0.011	U		<0.012	U		<0.019	U		<0.017	U		0.015			<0.1	U		0.057		J
		VMP-13-10.5-012712-DUP	1/26/2012	<0.026	U		<0.015	U		<0.017	U		<0.027	U		<0.024	U		0.024			<0.15	U		0.088		J
		VMP-13-10.5-042012	4/20/2012	0.022		J	0.0016	J		0.00096	J		<0.0067	U		<0.0061	U		0.0012	J		<0.037	U		0.021		
		VMP-13-10.5-071912	7/19/2012	0.038			0.002	J		0.0021	J		<0.0072	U		<0.0065	U		0.0062			<0.04	U		0.0066		
		VMP-13-10.5-100912	10/9/2012	0.022		J	<0.0054	U		0.0031	J		<0.0095	U		<0.0086	U		0.0014	J		<0.053	U		0.003	J	
		VMP-13-10.5-100912-Dup	10/9/2012	<0.011	U	UJ	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-13-10.5-013013	1/30/2013	0.0047	J		<0.0055	U		<0.0062	J	U	<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0012	J	
		VMP-13-10.5-050113	5/1/2013	0.0031	J		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		0.0053	J		<0.06	U		<0.0058		U
		VMP-13-10.5-073113	7/31/2013	<0.0066	U		0.0018	J		0.0019	J		<0.0067	U		<0.0061	U		0.0014	J		<0.037	U		0.0012	J	
		VMP-13-10.5-092013	9/20/2013	0.0059	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-13-10.5-111513	11/15/2013	<0.011	U	UJ	0.0096		J	0.0049	J		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0015	J	
		VMP-13-10.5-111513-Dup	11/15/2013	0.046		J	0.026		J	0.014			<0.0096	U		<0.0088	U		0.0011	J		<0.054	U		0.0015	J	
		VMP-13-10.5-022114	2/21/2014	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-13-10.5-050114	5/1/2014	<0.0082	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.047	U		<0.0038	U	
		VMP-13-10.5-080814	8/8/2014	0.0095	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-13-10.5-103014	10/30/2014	<0.0093	J	U	0.0032	J		0.004	J		0.0038	J		0.0052	J		0.0028	J		<0.053	J	U	0.0031	J	
		VMP-13-10.5-020515	2/5/2015	<0.0099	ND,UJ	UJ	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-13-10.5-043015	4/30/2015	<0.011	U		<0.0061	U		0.0019	J		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-13-10.5-072715	7/27/2015	0.0092	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.002	J		<0.06	U		0.0049	J	
		VMP-13-10.5-110215	11/2/2015	0.18			0.0012	J		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-13-10.5-012616	1/26/2016	0.0056	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		0.0011	J	
		VMP-13-10.5-050316	5/3/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-13-10.5-072916	7/29/2016	0.0095	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.004	J		<0.062	U		0.0096		
		VMP-13-10.5-110216	11/2/2016	0.009	J		0.013			0.0023	J		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	21.5 ft	VMP-13-21.5	11/17/2009	<110	U		<66	U		<75	U		<120	U		<110	U		<62	U		<650	U		<54	U	
		VMP 13-21.5-091310	9/13/2010	<18	U		<10	U		<12	U		<18	U		<17	U		<9.9	U		<100	U		2.1	J	
		VMP-13-21.5-120110	12/1/2010	<35	U		<20	U		<23	U		<36	U		<33	U		<19	U		<200	U		<16	U	
		VMP-13-21.5-021811	2/18/2011	<5.3	U		<3	U		<3.4	U		<5.4	U		<4.9	U		<2.9	U		<30	U		<2.5	U	
		VMP-13-21.5-040511	4/5/2011	<7.6	U		<4.4	U		<5	U		<7.7	U		<7.1	U		<4.1	U		<43	U		<3.6	U	
		VMP-13-21.5-080911	8/9/2011	<0.95	U		0.38	J		<0.62	U		<0.96	U		<0.88	U		<0.52	U		<5.4	U		1		
		VMP-13-21.5-111411	11/14/2011	<4.3	U		<2.5	U		<2.8	U		<4.4	U		<4	U		<2.4	U		<24	U		<2	U	
		VMP-13-21.5-111411-DUP	11/14/2011	<4.3	U		<2.5	U		<2.8	U		<4.4	U		<4	U		<2.4	U		<24	U		0.98	J	
		VMP-13-21.5-012712	1/27/2012	<1	U		0.13	J	J	<0.66	U		<1	U		<0.94	U		<0.55	U		<5.7	U		0.38	J	J
		VMP-13-21.5-042012	4/20/2012	0.077	J		0.016	J		<0.073	U		<0.11	U		<0.1	U		<0.061	U		<0.64	U		0.083		
		VMP-13-21.5-071912	7/19/2012	0.071			0.0024	J		0.0015	J		<0.0072	U		<0.0065	U		0.0089			<0.04	U		0.01		
		VMP-13-21.5-100912	10/9/2012	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		0.0026	J	
		VMP-13-21.5-013013	1/30/2013	0.0051	J		<0.0064	U		<0.0073	J	U	<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0011	J	
		VMP-13-21.5-050113	5/1/2013	0.0036	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	J	U
		VMP-13-21.5-073113	7/31/2013	0.0046	J		<0.0064	U		<0.0073	J	U	<0.011	U		<0.01	U		0.0029	J		<0.063	U		0.003	J	
		VMP-13-21.5-102813	10/28/2013	0.003	J		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		0.00067	J		<0.058	U		0.00091	J	
		VMP-13-21.5-102813-Dup	10/28/2013	0.0029	J		0.00027	J		0.0005	J		<0.01	U		<0.0095	U		0.00073	J		<0.058	U		0.00073	J	
		VMP-13-21.5-022114	2/21/2014	<0.19	U		<0.11	U		<0.12	U		<0.2	U		<0.18	U		0.21			<1.1	U		2.6		
		VMP-13-21.5-050114	5/1/2014	<0.008	U		<0.0046	U		<0.0052	U		<0.0082	U		<0.0074	U		<0.0044	U		<0.045	U		<0.0038	U	
		VMP-13-21.5-080814	8/8/2014	0.014			<0.0057	U		0.0034	J		<0.01	U		<0.0092	U		0.0017	J		<0.056	U		<0.0046	U	
		VMP-13-21.5-103014	10/30/2014	0.01			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-13-21.5-020515	2/5/2015	<0.01	ND,UJ	UJ	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-13-21.5-043015	4/30/2015	<0.012	U		<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U		0.0013	J	
		VMP-13-21.5-072715	7/27/2015	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-13-21.5-112515	11/25/2015	0.012			0.0032	J		0.0057	J		<0.0094	U		<0.0086	U		0.0019	J		<0.052	U		0.0028	J	
		VMP-13-21.5-012616	1/26/2016	0.008	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0016	J	
		VMP-13-21.5-050316	5/3/2016	<0.011	U		<0.0063	U		0.0011	J		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-13-21.5-050316-DUP	5/3/2016	<0.011	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.0051	U	
		VMP-13-21.5-072916	7/29/2016	0.01	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0031	J	
		VMP-13-21.5-110216	11/2/2016	0.027			0.23			0.023			<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0026	J	
	29.5 ft	VMP-13-29.5	11/17/2009	<220	U		<130	U		<150	U		<230	U		<210	U		<120	U		<1300	U		<100	U	
		VMP-13-29.5-021811	2/18/2011	<160	U		<94	U		<110	U		<160	U		<150	U		<88	U		<920	U		<76	U	
		VMP-13-29.5-040511	4/5/2011	<100	U		20	J		<69	U		<110	U		<98	U		<57	U		<600	U		<49	U	
		VMP-13-29.5-013012	1/30/2012	<3.2	U		4.5		J	0.48	J	J	<3.3	U		<3	U		<1.8	U		<18	U		0.4	J	J
		VMP-13-29.5-042012	4/20/2012	<4.2	U		0.94	J		<2.8	U		<4.3	U		<3.9	U		<2.3	U		<24	U		1.5	J	
		VMP-13-29.5-071912	7/19/2012	<12	U		<7	U		<7.9	U		<12	U		<11	U		<6.6	U		<69	U		<5.7	U	
		VMP-13-29.5-100912	10/9/2012	15			1.3	J		<7.4	U		<12	U		<10	U		<6.2	U		<65	U		2.8	J	
		VMP-13-29.5-013013	1/30/2013	0.85	J		<2.8	U		0.26	J		<4.9	U		<4.5	U		<2.6	U		<27	U		0.46	J	
		VMP-13-29.5-050113	5/1/2013	0.12	J		0.036	J		<0.2	U		<0.32	U		<0.29	U		<0.17	U		<1.8	U		<0.15	U	
		VMP-13-29.5-073113	7/31/2013	0.0029	J		<0.0065	U		<0.0074	J	U	<0.011	U		<0.01	U		0.0031	J		<0.064	U		0.0026	J	
		VMP-13-29.5-102813	10/28/2013	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.00076	J		<0.058	U		0.00091	J	
		VMP-13-29.5-022114	2/21/2014	<0.098	U		<0.057	U		<0.064	U		<0.1	U		<0.091	U		0.2			<0.56	U		1.2		
		VMP-13-29.5-022114-Dup	2/21/2014	<0.093	U		<0.054	U		<0.061	U		<0.095	U		<0.087	U		0.18			<0.53	U		1.2		
		VMP-13-29.5-050114	5/1/2014	<0.0091	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-13-29.5-080814	8/8/2014	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-13-29.5-103014	10/30/2014	<0.0089	J	U	<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-13-29.5-020515	2/5/2015	<0.0092	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		0.0017	J	
		VMP-13-29.5-043015	4/30/2015	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-13-29.5-072715	7/27/2015	<0.012	J	U	<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		0.0017	J		<0.065	U		<0.0054	U	UJ
		VMP-13-29.5-072715-DUP	7/27/2015	0.0093	J		0.0026	J		<0.0076	U		<0.012	U		<0.011	U		0.006	J		<0.066	U		0.011		J
		VMP-13-29.5-110215	11/2/2015	<0.0081	U		<0.0046	U		<0.0053	U		<0.0082	U		<0.0075	U		0.0011	J		<0.046	U		<0.0038	U	
		VMP-13-29.5-110215-DUP	11/2/2015	0.0067	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-13-29.5-012616	1/26/2016	0.22			<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		0.0033	J		<0.05	J	U	0.0038	J	
		VMP-13-29.5-050316	5/3/2016	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-13-29.5-082616-R	8/29/2016	0.016			<0.0048	U		<0.0055	U		<0.0085	U		<0.0078	U		0.0014	J		<0.048	U		0.0019	J	
		VMP-13-29.5-110216	11/2/2016	0.0091	J		0.007			0.0017	J		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.00092	J	
		VMP-13-29.5-110216-Dup	11/2/2016	0.014			0.0068			0.0016	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.00094	J	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5	11/20/2009	<0.019	U		<0.011	U		<0.013	U		<0.02	U		<0.018	U		<0.01	U		<0.11	U		0.015		
		VMP 14-5-091010	9/10/2010	<0.47	U		<0.27	U		<0.3	U		<0.48	U		<0.43	U		<0.25	U		<2.6	U		0.55		
		VMP-14-5-120110	12/1/2010	0.0085	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.0011	J		<0.051	U		0.0017	J	
		VMP-14-5-021711	2/17/2011	0.026	J	J	0.0029	J		<0.0065	U		<0.01	U		<0.0092	U		0.059			<0.056	U		0.1		
		VMP-14-5-040511	4/5/2011	0.012			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0076		
		VMP-14-5-080811	8/8/2011	<10	U		<6.1	U		<6.9	U		<11	U		<9.8	U		10			<60	U		120		
		VMP-14-5-111411	11/14/2011	<0.026	U		<0.015	U		<0.017	U		<0.027	U		<0.025	U		<0.014	U		<0.15	U		<0.012	U	
		VMP-14-5-042012	4/20/2012	0.024			0.0019	J		<0.0042	U		<0.0066	U		<0.006	U		0.0054			<0.036	U		0.023		
		VMP-14-5-072312	7/23/2012	0.3			0.0078			0.0018	J		<0.0079	U		<0.0072	U		0.0026	J		<0.044	U		<0.0036	U	
		VMP-14-5-101012	10/10/2012	0.024			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-14-5-013113	1/31/2013	0.0018	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-14-5-050113	5/1/2013	0.014			<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		0.01			<0.065	U		0.011		
		VMP-14-5-111113	11/11/2013	<0.011	U		0.0023	J		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.0051	U	
		VMP-14-5-022614	2/26/2014	0.0067	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	J	U	<0.056	U		0.001	J	
		VMP-14-5-050114	5/1/2014	<0.008	J	U	<0.0046	U		<0.0052	U		<0.0082	U		<0.0074	U		0.0013	J		<0.045	U		0.00076	J	
		VMP-14-5-081114	8/11/2014	0.0085	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-14-5-103014	10/30/2014	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-14-5-020615	2/6/2015	0.0073	J	J	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-14-5-043015	4/30/2015	0.0064	J		<0.0057	U		<0.0064	U		<0.01	J	U	<0.0092	U		<0.0054	U		<0.056	U		0.0016	J	
		VMP-14-5-072915	7/29/2015	0.012			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-14-5-110215	11/2/2015	0.028			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-14-5-012616	1/26/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-14-5-050316	5/3/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0058	U		<0.061	U		<0.005	U	
		VMP14-5-072916	7/29/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-14-5-110216	11/2/2016	0.013			0.018			0.0033	J		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		0.0017	J	
	11.5 ft	VMP-14-11.5	11/16/2009	<2.3	U		<1.3	U		<1.5	U		<2.4	U		<2.1	U		43			<13	U		380		
		VMP 14-11.5-091010	9/10/2010	<7.2	U		<4.1	U		<4.7	U		<7.3	U		<6.7	U		<3.9	U		<41	U		4.6		
		VMP-14-11.5-120110	12/2/2010	<0.63	U		<0.36	U		<0.41	U		<0.64	U		<0.59	U		<0.34	U		<3.6	U		0.27	J	
		VMP-14-11.5-120110-DUP	12/2/2010	<0.57	U		0.08	J		<0.37	U		<0.58	U		<0.53	U		<0.31	U		<3.2	U		0.32		
		VMP-14-11.5-021711	2/17/2011	<0.21	U		<0.12	U		<0.14	U		<0.21	U		<0.19	U		<0.11	U		<1.2	U		<0.097	U	
		VMP-14-11.5-021711-DUP	2/17/2011	<0.21	U		<0.12	U		<0.14	U		<0.21	U		<0.19	U		<0.11	U		<1.2	U		<0.097	U	
		VMP-14-11.5-040511	4/5/2011	<0.034	U		0.0054	J		<0.022	U		<0.034	U		<0.031	U		<0.018	U		<0.19	U		0.15		
		VMP-14-11.5-080811	8/8/2011	<1	U		<0.6	U		<0.68	U		<1.1	U		<0.97	U		<0.57	U		<5.9	U		1.2		
		VMP-14-11.5-111511	11/15/2011	<1.6	U		<0.94	U		<1.1	U		<1.6	U		<1.5	U		0.48	J		<9.2	U		7.7		
		VMP-14-11.5-012612	1/26/2012	<6.6	U		<3.8	U		<4.3	U		<6.7	U		<6.2	U		<3.6	U		<38	U		63		
		VMP-14-11.5-042312	4/23/2012	0.02		J	0.0025	J		<0.0045	U		<0.007	U		<0.0064	U		0.0054			<0.039	U		0.027		J
		VMP-14-11.5-042312-Dup	4/23/2012	0.0058	J	J	0.0022	J		<0.0045	U		<0.007	U		<0.0064	U		0.0054			<0.039	U		0.016		J
		VMP-14-11.5-072512	7/25/2012	<2.4	U		<1.4	U		<1.6	U		<2.5	U		<2.2	U		<1.3	U		<14	U		9.8		
		VMP-14-11.5-101012	10/10/2012	0.021			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0097		
		VMP-14-11.5-013113	1/31/2013	0.0014	J		<0.0056	U		<0.0063	J	U	<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0014	J	
		VMP-14-11.5-050113	5/1/2013	0.0062	J		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		0.0018	J		<0.064	U		0.0022	J	
		VMP-14-11.5-080113	8/1/2013	0.0095	J		<0.0071	U		<0.008	U		<0.012	U		<0.011	U		<0.0067	U		<0.07	U		<0.0057	U	
		VMP-14-11.5-111113	11/11/2013	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-14-11.5-022614	2/26/2014	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-14-11.5-050114	5/1/2014	<0.0091	J	U	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		0.0014	J		<0.052	U		0.002	J	
		VMP-14-11.5-081114	8/11/2014	0.042			0.0013	J		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-14-11.5-103014	10/30/2014	<0.0094	J	U	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-14-11.5-020615	2/6/2015	<0.0093	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-14-11.5-043015	4/30/2015	0.0044	J		<0.0066	U		<0.0074	U		<0.012	J	U	<0.01	U		<0.0062	U		<0.064	U		0.0015	J	
		VMP-14-11.5-072915	7/29/2015	0.016			0.0014	J		<0.0072	U		<0.011	U		<0.01	U		0.0019	J		<0.063	U		<0.0052	U	
		VMP-14-11.5-110215	11/2/2015	0.0052	J		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-14-11.5-012616	1/26/2016	0.0042	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.0013	J		<0.052	U		<0.0043	U	
		VMP-14-11.5-050316	5/3/2016	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-14-11.5-072916	7/29/2016	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-14-11.5-110216	11/2/2016	0.0066	J		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.001	J	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	20 ft	VMP-14-20	11/16/2009	<90	U		<52	U		<58	U		<91	U		<83	U		67			<510	U		350		
		VMP 14-20-091010	9/10/2010	<110	U		<63	U		<72	U		<110	U		<100	U		100			<620	U		700		
		VMP 14-20-091010-Dup	9/10/2010	<110	U		<66	U		<74	U		<120	U		<100	U		98			<640	U		750		
		VMP-14-20-120110	12/2/2010	<300	U		<170	U		<190	U		<300	U		<270	U		130	J		<1700	U		800		
		VMP-14-20-021811	2/18/2011	<170	U		<96	U		<110	U		<170	U		<150	U		47	J		<940	U		320		
		VMP-14-20-040511	4/5/2011	<72	U		<41	U		<47	U		<73	U		<66	U		51			<400	U		350		
		VMP-14-20-080811	8/8/2011	<26	U		<15	U		<17	U		<26	U		<24	U		70			<150	U		590		
		VMP-14-20-111511	11/15/2011	<130	U		<77	U		<88	U		<140	U		<120	U		60	J		<760	U		640		
		VMP-14-20-012612	1/26/2012	<13	U		<7.6	U		<8.6	U		<13	U		<12	U		79		J	<75	U		700		J
		VMP-14-20-042312	4/23/2012	<7.2	U		0.38	J		<4.7	U		<7.3	U		<6.7	U		77			<41	U		570		
		VMP-14-20-072512	7/25/2012	<11	U		<6.6	U		<7.5	U		<12	U		<11	U		61			<65	U		480		
		VMP-14-20-101612	10/16/2012	<53	U		12	J		<35	U		<54	U		<49	U		49			<300	U		280		
		VMP-14-20-013113	1/31/2013	6.7	J		<11	U		<12	U		<19	U		<18	U		48			<110	U		170		
		VMP-14-20-050113	5/1/2013	<0.11	U		<0.066	U		<0.075	U		<0.12	U		<0.11	U		<0.062	U		<0.65	U		0.11		
		VMP-14-20-050113-Dup	5/1/2013	<0.46	U		<0.26	U		<0.3	U		<0.47	U		<0.43	U		<0.25	U		<2.6	U		0.32		
		VMP-14-20-080113	8/1/2013	0.027	J		<0.068	U		<0.076	U		<0.12	U		<0.11	U		<0.064	U		<0.66	U		0.29		
		VMP-14-20-111113	11/11/2013	<0.1	U		<0.059	U		<0.066	U		<0.1	U		<0.094	U		<0.055	U		<0.58	U		0.19		
		VMP-14-20-022614	2/26/2014	<0.0091	U		<0.0052	J	U	<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-14-20-050114	5/1/2014	<0.0093	J	U	<0.0053	U		0.001	J		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		0.0008	J	
		VMP-14-20-081114	8/11/2014	0.013			<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-14-20-103014	10/30/2014	<0.0094	U		<0.0054	U		0.0028	J		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
		VMP-14-20-020615	2/6/2015	0.014	J0	J	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		0.0016	J		<0.058	U		0.003	J	
		VMP-14-20-043015	4/30/2015	<0.0098	U		<0.0056	U		0.0018	J		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		0.0015	J	
		VMP-14-20-072915	7/29/2015	<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-14-20-110215	11/2/2015	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-14-20-012616	1/26/2016	0.0041	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-14-20-050416	5/4/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-14-20-072916	7/29/2016	<0.012	U		<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.067	U		<0.0055	U	
	29 ft	VMP-14-29	11/16/2009	<350	U		<200	U		<230	U		<360	U		<320	U		220			<2000	U		900		
		VMP-14-29-021811	2/18/2011	<240	U		<140	U		<160	U		<250	U		<220	U		110	J		<1400	U		530		
		VMP-14-29-040511	4/5/2011	<210	U		<120	U		<140	U		<210	U		<190	U		140			<1200	U		700		
		VMP-14-29-012612	1/26/2012	<240	U		<140	U		<150	U		<240	U		<220	U		120	J		<1300	U		840		
		VMP-14-29-042312	4/23/2012	<84	U		<49	U		<55	U		<86	U		<78	U		110			<480	U		650		
		VMP-14-29-072512	7/25/2012	<88	U		<51	U		<58	U		<90	U		<82	U		100			<500	U		620		
		VMP-14-29-101612	10/16/2012	<130	U		<76	U		<86	U		<130	U		<120	U		48	J		<750	U		300		
		VMP-14-29-013113-DUP	1/31/2013	<180	U		<100	U	UJ	<120	U		<180	U		<160	U		33	J	J	<1000	U		170		J
		VMP-14-29-013113	1/31/2013	<74	U		13	J	J	<48	U		<75	U		<69	U		250		J	<420	U		980		J
		VMP-14-29-050213	5/2/2013	<75	U		13	J		<49	U		<76	U		<70	U		190			<420	U		1100		
		VMP-14-29-080113	8/1/2013	<56	U		10	J		<36	U		<57	U		<52	U		240	J	J	<320	U		1300		
		VMP-14-29-111113	11/11/2013	<1.6	U		0.85	J		0.67	J		<1.6	U		<1.5	U		49			<9.2	U		49		
		VMP-14-29-022614	2/26/2014	<1.7	U		2.3			0.6	J		<1.8	U		<1.6	U		24			<9.8	U		3.6		
		VMP-14-29-022614-Dup	2/26/2014	<0.93	U		2.3			0.59	J		<0.95	U		<0.86	U		27			<5.3	U		3.6		
		VMP-14-29-050114	5/1/2014	<0.11	U		2.2			0.35			<0.11	U		<0.1	U		8.5			<0.64	U		0.045	J	
		VMP-14-29-050114-Dup	5/1/2014	<0.11	U		2.2			0.32			<0.11	U		<0.1	U		8.2			<0.63	U		0.049	J	
		VMP-14-29-081114	8/11/2014	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		0.0036	J	J	<0.059	U		0.0032	J	J
		VMP-14-29-081114-DUP	8/11/2014	<0.011	U		0.0046	J		<0.007	U		<0.011	U		<0.01	U		0.0041	J		<0.061	U		0.0036	J	
		VMP-14-29-103014	10/30/2014	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-14-29-020615	2/6/2015	<0.01	ND,UJ	UJ	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.0016	J	
		VMP-14-29-043015	4/30/2015	0.011			0.039		J	0.094		J	<0.0093	U		<0.0085	U		0.0048	J		<0.052	J	U	0.0078		
		VMP-14-29-043015-DUP	4/30/2015	<0.008	U		0.008		J	0.0083		J	0.0015	J		<0.0074	U		0.0038	J		0.0028	J		0.0065		
		VMP-14-29-072915	7/29/2015	<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0052	U	
		VMP-14-29-110215	11/2/2015	0.0054	J		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-14-29-012616	1/26/2016	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0028	J		<0.054	U		0.0093		
		VMP-14-29-012616-DUP	1/26/2016	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.0028	J		<0.052	U		0.0072		
		VMP-14-29-050316	5/3/2016	<0.011	U		0.0089			0.0012	J		<0.011	U		<0.01	U		0.015			<0.061	U		0.011		
		VMP-14-29-072916	7/29/2016	<0.011	U	UJ	<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0052	U	
		VMP-14-29-072916-DUP	7/29/2016	0.043		J	<0.005	U		0.0012	J		<0.0088	U		<0.008	U		0.0016	J		<0.049	U		<0.004	U	
		VMP-14-29-110216	11/2/2016	<0.01	J	U	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	5 ft	VMP-15-5	11/18/2009	0.011		J	<0.005	U		<0.006	U		<0.009	U		<0.008	U		<0.005	U		<0.054	U		<0.004	U	
		VMP-15-5-D	11/18/2009	0.018		J	<0.005	U		<0.006	U		<0.009	U		<0.008	U		<0.005	U		<0.054	U		<0.004	U	
		VMP 15-5-091410	9/14/2010	0.0076	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0059			<0.054	U		0.022		
		VMP-15-5-113010	11/30/2010	<0.22	U		0.031	J		<0.15	U		<0.23	U		<0.21	U		<0.12	U		<1.3	U		0.12		
		VMP-15-5-021611	2/16/2011	0.13	J	J	<0.12	U		<0.14	U		<0.22	U		<0.2	U		<0.12	U		<1.2	U		<0.099	U	
		VMP-15-5-042011	4/20/2011	<0.5	U		<0.29	U		<0.32	U		<0.5	U		<0.46	U		<0.27	U		<2.8	U		<0.23	U	
		VMP-15-5-080811	8/8/2011	0.072			0.0016	J		<0.0073	J	U	<0.011	U		<0.01	U		0.0014	J		<0.063	U		0.0056		
		VMP-15-5-111511	11/15/2011	0.026			0.0031	J		0.0011	J		<0.013	U		<0.012	U		0.019			<0.071	U		0.048		
		VMP-15-5-020112	2/1/2012	0.059	J		0.025	J		0.026	J		<0.066	U		<0.06	U		<0.035	U		<0.36	U		<0.03	U	
		VMP-15-5-042412	4/24/2012	<0.066	U		<0.038	U		<0.043	U		<0.067	U		<0.061	U		<0.036	U		<0.37	U		<0.031	U	
		VMP-15-5-072512	7/25/2012	0.049			0.0034	J		0.0035	J		<0.0075	U		<0.0069	U		<0.004	U		<0.042	U		0.012		
		VMP-15-5-102512	10/25/2012	0.038			0.0019	J		0.0025	J		<0.011	U		<0.01	U		0.0033	J		<0.063	U		0.0066		
		VMP-15-5-020513	2/5/2013	0.0033	J		<0.0063	U		<0.0071	J	U	<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-15-5-050913	5/9/2013	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.067	U		<0.0056	U	
		VMP-15-5-080813	8/8/2013	<0.011	U	UJ	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.00095	J	
		VMP-15-5-111113	11/11/2013	<0.0095	U		0.013			0.042			<0.0097	U		<0.0088	U		0.003	J		<0.054	U		0.0021	J	
		VMP-15-5-022714	2/27/2014	0.015			<0.0057	U		0.0014	J		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-15-5-050514	5/5/2014	0.012			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-15-5-081414	8/14/2014	0.0081	J	J	<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-15-5-110614	11/6/2014	0.0055	J	J	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-15-5-020615	2/6/2015	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-15-5-050415	5/4/2015	0.0045	J		<0.0052	U		0.0024	J		<0.0093	U		<0.0084	U		<0.005	U		<0.052	ND,UJ	UJ	<0.0043	U	
		VMP-15-5-072915	7/29/2015	<0.011	J	U	<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		0.0026	J		<0.06	U		0.0053		
		VMP-15-5-110415	11/4/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-15-5-020316	2/3/2016	0.13			<0.011	U		<0.013	U		<0.02	U		<0.018	U		<0.011	U		<0.11	U		<0.0092	U	
		VMP-15-5-050316	5/3/2016	0.0066	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-15-5-080216	8/2/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-15-5-110116	11/1/2016	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
	21.5 ft	VMP-15-21.5	11/18/2009	<4.3	U		<2.5	U		<2.8	U		<4.4	U		<4	U		30			<24	U		96		
		VMP 15-21.5-091410	9/14/2010	<1	U		<0.59	U		<0.67	U		<1	U		<0.96	U		<0.56	U		<5.8	U		<0.48	U	
		VMP-15-21.5-113010	11/30/2010	<1.2	U		<0.7	U		<0.79	U		<1.2	U		<1.1	U		<0.66	U		<6.8	U		<0.56	U	
		VMP-15-21.5-021611	2/16/2011	<0.84	U		<0.49	U		<0.55	U		<0.86	U		<0.78	U		<0.46	U		<4.8	U		1.9		
		VMP-15-21.5-042011	4/20/2011	<1.3	U		<0.76	U		<0.86	U		<1.3	U		<1.2	U		<0.72	U		<7.5	U		<0.62	U	
		VMP-15-21.5-080811	8/8/2011	<1.1	U		<0.61	U		<0.69	U		<1.1	U		<0.98	U		<0.58	U		<6	U		<0.5	U	
		VMP-15-21.5-111511	11/15/2011	<0.85	U		<0.49	U		<0.55	U		<0.86	U		<0.79	U		<0.46	U		<4.8	U		<0.4	U	
		VMP-15-21.5-020112	2/1/2012	<0.63	U		<0.36	U		<0.41	U		<0.64	U		<0.59	U		<0.34	U		<3.6	U		<0.3	U	
		VMP-15-21.5-042412	4/24/2012	<0.28	U		<0.16	U		<0.18	U		<0.28	U		<0.26	U		<0.15	U		<1.6	U		<0.13	U	
		VMP-15-21.5-072512	7/25/2012	<1	U		<0.58	U		<0.65	U		<1	U		<0.93	U		<0.54	U		<5.6	U		0.097	J	
		VMP-15-21.5-102512	10/25/2012	<1.6	U		<0.94	U		<1.1	U		<1.6	U		<1.5	U		<0.89	U		<9.2	U		<0.76	U	
		VMP-15-21.5-102512-Dup	10/25/2012	<1.7	U		<0.97	U		<1.1	U		<1.7	U		<1.6	U		<0.91	U		<9.5	U		<0.78	U	
		VMP-15-21.5-020713	2/7/2013	0.04	J		<0.024	U		<0.027	U		<0.042	U		<0.038	U		0.12			<0.23	U		0.41		
		VMP-15-21.5-051513	5/15/2013	<0.93	U		0.86			<0.61	U		<0.95	U		<0.87	U		<0.51	U		<5.3	U		3		
		VMP-15-21.5-080813	8/8/2013	<0.21	U		<0.12	U		<0.14	U		<0.21	U		<0.19	U		<0.11	U		<1.2	U		<0.098	U	
		VMP-15-21.5-111113	11/11/2013	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-15-21.5-111113-Dup	11/11/2013	<0.0097	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-15-21.5-022714	2/27/2014	0.026			0.0068			0.01			<0.009	U		<0.0082	U		0.0073			<0.05	U		0.0058		
		VMP-15-21.5-050514	5/5/2014	0.11			0.018			0.067			<0.0084	U		<0.0076	U		0.042			<0.047	U		0.045		
		VMP-15-21.5-081414	8/14/2014	<0.11	U	UJ	<0.064	U		<0.073	U		<0.11	U		<0.1	U		<0.061	U		<0.63	U		<0.052	U	
		VMP-15-21.5-110614	11/6/2014	<0.03	ND,UJ	UJ	<0.018	U		<0.02	U		<0.031	U		<0.028	U		<0.016	U		<0.17	U		<0.014	U	
		VMP-15-21.5-020615	2/6/2015	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-15-21.5-050415	5/4/2015	<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	ND,UJ	UJ	<0.0044	U	
		VMP-15-21.5-072915	7/29/2015	<0.12	U		<0.069	U		<0.078	U		<0.12	U		<0.11	U		<0.065	U		<0.68	U		<0.056	U	
		VMP-15-21.5-110415	11/4/2015	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		0.0013	J		<0.06	U		0.0028	J	
		VMP-15-21.5-020316	2/3/2016	<0.13	U		<0.076	U		<0.086	U		<0.13	U		<0.12	U		<0.072	U		<0.75	U		<0.062	U	
		VMP-15-21.5-050316	5/3/2016	0.026			<0.0046	U		<0.0052	U		<0.0082	U		<0.0074	U		0.0091			<0.045	U		0.0018	J	
		VMP-15-21.5-080216	8/2/2016	<0.066	U		<0.038	U		<0.043	U		<0.067	U		<0.062	U		<0.036	U		<0.38	U		<0.031	U	
		VMP-15-21.5-110116	11/1/2016	<0.015	U	UJ	0.0062	J		0.0048	J		<0.015	U		<0.014	U		<0.0082	U		<0.085	U		<0.007	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	25.5 ft	VMP-15-25.5	11/18/2009	<4.5	U		<2.6	U		<2.9	U		<4.6	U		<4.2	U		22			<25	U		86		
		VMP 15-25.5-091410	9/14/2010	0.0053	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0039	J		<0.055	U		0.011		
		VMP-15-25.5-021611	2/16/2011	<0.13	U		<0.075	U		<0.084	U		<0.13	U		<0.12	U		<0.07	U		<0.73	U		<0.061	U	
		VMP-15-25.5-042011	4/20/2011	<0.11	U		<0.061	U		<0.069	U		<0.11	U		<0.098	U		<0.058	U		<0.6	U		0.046	J	
		VMP-15-25.5-042011-DUP	4/20/2011	<0.099	U		<0.057	U		<0.065	U		<0.1	U		<0.092	U		<0.054	U		<0.56	U		0.035	J	
		VMP-15-25.5-080811	8/8/2011	0.087	J		<0.061	U		<0.069	U		<0.11	U		<0.098	U		<0.058	U		<0.6	U		<0.05	U	
		VMP-15-25.5-111511	11/15/2011	0.027	J		<0.019	U		<0.021	U		<0.033	U		<0.03	U		0.013	J		<0.18	U		0.097		
		VMP-15-25.5-073112	7/31/2012	0.052	J	J	<0.04	U		<0.045	U		<0.07	U		<0.064	U		<0.037	U		<0.39	U		<0.032	U	
		VMP-15-25.5-102512	10/25/2012	0.065			<0.0064	U		0.0017	J		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-15-25.5-021213	2/12/2013	<0.34	U		<0.19	U		<0.22	U		<0.34	U		<0.31	U		<0.18	U		<1.9	U		<0.16	U	
		VMP-15-25.5-050913	5/9/2013	<4.5	U		<2.6	U		<2.9	U		<4.6	U		<4.2	U		<2.4	U		<26	U		<2.1	U	
		VMP-15-25.5-080813	8/8/2013	0.0078	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0058	U		<0.061	U		0.0022	J	
		VMP-15-25.5-111113	11/11/2013	<0.0096	U		<0.0055	U		0.017			<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-15-25.5-022714	2/27/2014	0.027			<0.0053	U		<0.006	J	U	<0.0093	U		<0.0085	U		0.0071			<0.052	U		0.0039	J	
		VMP-15-25.5-050514	5/5/2014	0.0084	J		0.0013	J		0.0014	J		<0.0091	U		<0.0083	U		0.0029	J		<0.05	U		0.0034	J	
		VMP-15-25.5-081414	8/14/2014	<0.11	U	UJ	<0.064	U		<0.072	U		<0.11	U		<0.1	U		0.039	J		<0.63	U		0.037	J	
		VMP-15-25.5-110614	11/6/2014	<0.036	ND,UJ	UJ	<0.021	U		<0.023	U		<0.036	U		<0.033	U		<0.02	U		<0.2	U		0.012	J	
		VMP-15-25.5-110614-DUP	11/6/2014	<0.032	ND,UJ	UJ	<0.018	U		<0.021	U		<0.032	U		<0.029	U		<0.017	U		<0.18	U		0.013	J	
		VMP-15-25.5-020615	2/6/2015	0.0078	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0046	J	
		VMP-15-25.5-050415	5/4/2015	0.016			<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	ND,UJ	UJ	<0.0047	U	
		VMP-15-25.5-072915	7/29/2015	<0.13	U		<0.076	U		<0.086	U		<0.13	U		<0.12	U		<0.072	U		<0.75	U		0.31		
		VMP-15-25.5-110415	11/4/2015	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-15-25.5-020316	2/3/2016	<0.53	U		<0.3	U		<0.34	U		<0.54	U		<0.49	U		0.14	J		<3	U		0.57		
		VMP-15-25.5-050316	5/3/2016	<0.025	U		0.0032	J		<0.016	U		<0.026	U		<0.024	U		<0.014	U		<0.14	U		0.013		
		VMP-15-25.5-080216	8/2/2016	<0.11	U		<0.062	U		<0.07	U		<0.11	U		<0.099	U		<0.058	U		<0.6	U		<0.05	U	
		VMP-15-25.5-110116	11/1/2016	<0.068	U		0.01	J		<0.044	U		<0.069	U		<0.063	U		<0.037	U		<0.39	U		0.018	J	
		VMP-15-25.5-110116-Dup	11/1/2016	<0.071	U		0.011	J		<0.046	U		<0.072	U		<0.066	U		<0.038	U		<0.4	U		<0.033	U	
	29 ft	VMP-15-29	11/19/2009	<5.6	U		<3.2	U		<3.7	U		<5.7	U		<5.2	U		32			<32	U		110		
		VMP-15-29-073112	7/31/2012	<0.3	U		<0.17	U		<0.19	U		<0.3	U		<0.27	U		<0.16	U		<1.7	U		<0.14	U	
		VMP-15-29-102512	10/25/2012	0.086			<0.013	U		0.0023	J		<0.024	U		<0.022	U		<0.013	U		<0.13	U		0.013		
		VMP-15-29-021213	2/12/2013	<0.2	U		<0.12	U		<0.13	U		<0.21	U		<0.19	U		<0.11	U		<1.1	U		<0.095	U	
		VMP-15-29-050913	5/9/2013	<2.2	U		<1.3	U		<1.4	U		<2.3	U		<2.1	U		<1.2	U		<12	U		<1	U	
		VMP-15-29-080813	8/8/2013	0.0051	J	J	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.00099	J		<0.06	U		0.001	J	
		VMP-15-29-111113	11/11/2013	<0.01	U		0.003	J		0.044			<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-15-29-022714	2/27/2014	0.017			0.0096			0.034			<0.0093	U		<0.0084	U		0.0064			<0.052	U		0.0037	J	
		VMP-15-29-022714-Dup	2/27/2014	0.03			0.011			0.037			<0.0091	U		<0.0083	U		0.007			<0.051	U		0.0028	J	
		VMP-15-29-081414	8/14/2014	<0.11	U	UJ	<0.063	U		<0.071	U		<0.11	U		<0.1	U		<0.059	U		<0.62	U		<0.051	U	
		VMP-15-29-110614	11/6/2014	<0.041	ND,UJ	UJ	<0.024	U		<0.027	U		<0.042	U		<0.038	U		<0.022	U		<0.23	U		0.011	J	
		VMP-15-29-020615	2/6/2015	0.039			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		0.006		
		VMP-15-29-020615-DUP	2/6/2015	0.029			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0013	J		<0.055	U		0.0062		
		VMP-15-29-050415	5/4/2015	0.0044	J		<0.0061	U		0.0016	J		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0028	J	
		VMP-15-29-072915	7/29/2015	<0.15	U		<0.086	U		<0.097	U		<0.15	U		<0.14	U		<0.081	U		<0.84	U		0.28		
		VMP-15-29-072915-DUP	7/29/2015	<0.12	U		0.021	J		<0.081	U		<0.13	U		<0.12	U		0.065	J		<0.7	U		0.24		
		VMP-15-29-110415	11/4/2015	0.021			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-15-29-020316	2/3/2016	<0.2	U		<0.12	U		<0.13	U		<0.2	U		<0.18	U		0.077	J		<1.1	U		0.26		
		VMP-15-29-050316	5/3/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.0019	J	
		VMP-15-29-080216	8/2/2016	<0.13	U		<0.077	U		<0.087	U		<0.14	U		<0.12	U		<0.073	U		<0.76	U		<0.062	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5	11/20/2009	<0.13	U		<0.073	U		<0.083	U		<0.13	U		<0.12	U		<0.069	U		<0.72	U		<0.059	U	
		VMP-16-5-090210	9/2/2010	<18	U		12			2.5	J		<18	U		<17	U		14			<100	U		6.3	J	
		VMP-16-5-112910	11/29/2010	<8.2	U		7.5		J	<5.4	U		<8.4	U		<7.6	U		<4.5	U		<46	U		<3.8	U	
		VMP-16-5-021511	2/15/2011	<5	U		<2.9	U		<3.2	U		<5	U		<4.6	U		<2.7	U		<28	U		45		J
		VMP-16-5-042211	4/22/2011	<6.6	U		<3.8	U		<4.3	U		<6.7	U		<6.2	U		<3.6	U		<38	U		4.8		
		VMP-16-5-080511	8/5/2011	<2.1	U		<1.2	U		<1.4	U		<2.2	U		<2	U		<1.2	U		<12	U		1.4		
		VMP-16-5-042512	4/25/2012	<7.2	U		<4.1	U		<4.7	U		<7.3	U		<6.7	U		<3.9	U		<41	U		<3.4	U	
		VMP-16-5-073012	7/30/2012	<6.7	U		0.64	J	J	<4.4	U		<6.8	U		<6.2	U		<3.7	U		<38	U		<3.2	U	
		VMP-16-5-102512	10/25/2012	<5.3	U		<3.1	U		<3.5	U		<5.4	U		<4.9	U		<2.9	U		<30	U		<2.5	U	
		VMP-16-5-021413	2/14/2013	<0.83	U		<0.48	U		<0.54	U		<0.84	U		<0.77	U		<0.45	U		<4.7	U		<0.39	U	
		VMP-16-5-042313	4/23/2013	<1.6	U		<0.92	U		<1	U		<1.6	U		<1.5	U		<0.87	U		<9	U		<0.74	U	
		VMP-16-5-081313	8/13/2013	<0.011	U		0.0017	J		0.0035	J		<0.011	U		<0.01	U		0.0031	J		<0.062	U		0.002	J	
		VMP-16-5-111513	11/15/2013	<0.0097	U		0.0029	J		0.0028	J		<0.0098	U		<0.009	U		0.0075			<0.055	U		0.01		
		VMP-16-5-030614	3/6/2014	<0.0097	U	UJ	<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-16-5-050214	5/2/2014	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
		VMP-16-5-081514	8/15/2014	<0.011	U		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		0.004	J	
		VMP-16-5-110714	11/7/2014	0.014			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		0.00069	J	
		VMP-16-5-021115	2/11/2015	<0.0099	U		0.0041	J		0.012		J	<0.01	U		<0.0092	U		0.003	J		<0.056	U		0.0019	J	
		VMP-16-5-050715	5/7/2015	0.016			0.0026	J		<0.0073	U		<0.011	U		<0.01	U		0.0022	J		<0.064	U		0.007		
		VMP-16-5-073115	7/31/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0025	J		<0.056	U		0.0026	J	
		VMP-16-5-110415	11/4/2015	0.0041	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		0.0018	J		<0.058	J	U	0.0014	J	
		VMP-16-5-020316	2/3/2016	0.019			<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U	
		VMP-16-5-050416	5/4/2016	0.014			<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-16-5-080316	8/3/2016	0.02			<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		0.0063			<0.048	U		0.0077		
		VMP-16-5-103116	10/31/2016	<0.0094	U	UJ	<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
	13.5 ft	VMP-16-13.5	11/19/2009	<0.56	U		<0.32	U		<0.37	U		<0.57	U		<0.52	U		<0.3	U		<3.2	U		<0.26	U	
		VMP-16-13.5-090210	9/2/2010	<19	U		15			3.4	J		<19	U		<17	U		13			<100	U		6.6	J	J
		VMP-16-13.5-090210-DUP	9/2/2010	<19	U		15			2.9	J		<19	U		<17	U		12			<100	U		9.7		J
		VMP-16-13.5-112910	11/29/2010	<53	U		9.9	J		<34	U		<54	U		<49	U		<29	U		<300	U		<25	U	
		VMP-16-13.5-021611	2/16/2011	<10	U		<5.8	U		<6.6	U		<10	U		<9.4	U		<5.5	U		<57	U		12		
		VMP-16-13.5-021611-DUP	2/16/2011	<9.9	U		<5.7	U		<6.5	U		<10	U		<9.2	U		<5.4	U		<56	U		10		
		VMP-16-13.5-042211	4/22/2011	<11	U		<6.2	U		<7	U		<11	U		<9.9	U		<5.8	U		<60	U		5		
		VMP-16-13.5-080511	8/5/2011	<1	U	UJ	<0.6	U	UJ	<0.68	U	UJ	<1	U	UJ	<0.96	U	UJ	<0.56	U	UJ	<5.9	U	UJ	5.8		J
		VMP-16-13.5-042512	4/25/2012	<1.1	U		3.2		J	0.39	J	J	<1.2	U		<1.1	U		<0.62	U		<6.5	U		<0.54	U	
		VMP-16-13.5-073012	7/30/2012	<34	U		<20	U		<22	U		<35	U		<32	U		<19	U		<200	U		9	J	
		VMP-16-13.5-102512	10/25/2012	<110	U		<61	U		<69	U		<110	U		<98	U		<58	U		<600	U		<50	U	
		VMP-16-13.5-021413	2/14/2013	<17	U		4	J	J	<11	U		3	J	J	<16	U		<9.2	U		<96	U		6.1	J	J
		VMP-16-13.5-042313	4/23/2013	<4.9	U		1.1	J		<3.2	U		<4.9	U		<4.5	U		<2.6	U		<28	U		<2.3	U	
		VMP-16-13.5-081313	8/13/2013	<11	U		<6.3	U		<7.1	U		<11	U		<10	U		<5.9	U		<62	U		4.9		J
		VMP-16-13.5-081313-Dup	8/13/2013	<28	U		<16	U		<18	U		<28	U		<26	U		<15	U		<160	U		3.9	J	
		VMP-16-13.5-111513	11/15/2013	<78	U		<45	U		<51	U		<79	U		<72	U		<42	U		<440	U		<36	U	
		VMP-16-13.5-030614	3/6/2014	<8.8	U		<5	U		<5.7	U		<8.9	ND,UJ	UJ	<8.1	U		<4.8	U		<50	U		0.72	J	J
		VMP-16-13.5-050214	5/2/2014	<2.3	U		<1.3	U		<1.5	U		<2.4	U		<2.2	U		<1.3	U		<13	U		1.2		J
		VMP-16-13.5-050214-Dup	5/2/2014	<8.6	U		<4.9	U		<5.6	U		<8.7	U		<7.9	U		<4.6	U		<48	U		<4	U	
		VMP-16-13.5-081514	8/15/2014	<52	U		7.1	J		<34	U		<53	U		<48	U		<28	U		<300	U		<24	U	
		VMP-16-13.5-110714	11/7/2014	<9.9	U		<5.7	U		<6.5	U		<10	U		<9.2	U		3.2	J		<56	U		<18	U	
		VMP-16-13.5-110714-DUP	11/7/2014	<9.3	U		<5.4	U		<6.1	U		<9.5	U		<8.6	U		3.6	J		<53	U		<17	U	
		VMP-16-13.5-021115	2/11/2015	<17	ND,UJ	UJ	<9.7	U		<11	U		<17	U		<16	U		2.4	J		<95	U		2.3	J	
		VMP-16-13.5-050715	5/7/2015	110			<14	U		<16	U		<24	U		<22	U		<13	U		<140	U		<11	U	
		VMP-16-13.5-073115	7/31/2015	<5.3	U		<3	U		<3.4	U		<5.4	U		<4.9	U		3			<30	U		0.52	J	
		VMP-16-13.5-110415	11/4/2015	<11	U		<6.1	U		<6.9	U		<11	U		<9.8	U		2.9	J		<60	U		<5	U	
		VMP-16-13.5-020316	2/3/2016	<50	U		<29	U		<32	U		<50	U		<46	U		<27	U		<280	U		<23	U	
		VMP-16-13.5-052516-R	5/25/2016	<5.1	U		0.61	J		<3.3	U		<5.2	U		<4.8	U		0.67	J		<29	U		1.1	J	
		VMP-16-13.5-080316	8/3/2016	<17	U		5.4	J		<11	U		<17	U		<16	U		3.6	J		<96	U		3.2	J	
		VMP-16-13.5-103116	10/31/2016	<5.3	U		<3	U		0.47	J		<5.4	U		<4.9	U		<2.9	U		<30	U		<2.5	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	19 ft	VMP-16-19	11/19/2009	<4.9	U		<2.8	U		<3.2	U		<4.9	U		<4.5	U		<2.6	U		<28	U		<2.3	U	
		VMP-16-19-090210	9/2/2010	<19	U		23			3.2	J		<19	U		<17	U		14			<100	U		7.5	J	
		VMP-16-19-112910	11/29/2010	<41	U		14	J		<26	U		<41	U		<38	U		<22	U		<230	U		<19	U	
		VMP-16-19-021611	2/16/2011	<9.7	U		<5.6	U		<6.3	U		<9.9	U		<9	U		<5.3	U		<55	U		7.4		
		VMP-16-19-042711	4/27/2011	<9.9	U		<5.7	U		<6.5	U		<10	U		<9.2	U		<5.4	U		<56	U		1.8	J	
		VMP-16-19-042711-DUP	4/27/2011	<9.7	U		<5.6	U		<6.3	U		<9.9	U		<9	U		<5.3	U		<55	U		1.7	J	
		VMP-16-19-042512	4/25/2012	<27	U		7.3	J		<17	U		<27	U		<25	U		<14	U		<150	U		<12	U	
		VMP-16-19-073012	7/30/2012	<24	U		12	J		<16	U		<24	U		<22	U		<13	U		<130	U		4.9	J	
		VMP-16-19-102512	10/25/2012	<99	U		<57	U		<65	U		<100	U		<92	U		<54	U		<560	U		<46	U	
		VMP-16-19-021413	2/14/2013	<9.9	U		88		J	8.8		J	<10	U		<9.2	U		<5.4	U		<56	U		4	J	J
		VMP-16-19-042313	4/23/2013	<9.1	U		61			11			<9.3	U		<8.4	U		<5	U		<52	U		4	J	
		VMP-16-19-081313	8/13/2013	<10	U		73		J	11		J	<10	U		<9.6	U		<5.6	U		<59	U		5.5		J
		VMP-16-19-111513	11/15/2013	<66	U		66			<43	U		<67	U		<61	U		<36	U		<370	U		<31	U	
		VMP-16-19-111513-Dup	11/15/2013	<66	U		63			<43	U		<67	U		<61	U		<36	U		<370	U		<31	U	
		VMP-16-19-030614	3/6/2014	<23	U		52			8.1	J		<23	ND,UJ	UJ	<21	U		6.2	J		<130	U		21		
		VMP-16-19-050214	5/2/2014	<9.9	U		20			7.7			<10	U		<9.2	U		<5.4	U		<56	U		11		
		VMP-16-19-081514	8/15/2014	<25	U		38			5.8	J		<25	U		<23	U		<13	U		<140	U		16		
		VMP-16-19-110714	11/7/2014	<9.2	U	UJ	32		J	4.9	J	J	<9.3	U	UJ	<8.5	U	UJ	<20	U	UJ	<52	U	UJ	9	J	J
		VMP-16-19-120214-R	12/2/2014	6.7	J		39			4	J		<10	U		<9.4	U		4.4	J		<140	U		14		
		VMP-16-19-021115	2/11/2015	<8.6	ND,UJ	UJ	20			3.2	J		<8.7	U		<7.9	U		<4.6	U		<48	U		5.2		
		VMP-16-19-050715	5/7/2015	300			21			6.8	J		<19	U		<17	U		<10	U		<100	U		10		
		VMP-16-19-073115	7/31/2015	<11	U		73			18			<11	U		<10	U		6.1			<62	U		31		
		VMP-16-19-110415	11/4/2015	<1.8	U		100			28			<1.8	U		<1.6	U		7.5			<10	U		22		
		VMP-16-19-020316	2/3/2016	<58	U		36			9.3	J		<59	U		<54	U		<32	U		<330	U		22	J	
		VMP-16-19-050416	5/4/2016	<3.7	U		22			12			<3.8	U		<3.5	U		4.7			<21	U		5.1		
		VMP-16-19-080316	8/3/2016	<11	U		28			14			<11	U		<10	U		7.7			<63	U		6.2		
		VMP-16-19-103116	10/31/2016	<4.9	U		26			22			<5	U		<4.5	U		4.1			<28	U		7.8		
	31 ft	VMP-16-31	11/19/2009	<7.3	U		<4.2	U		<4.8	U		<7.4	U		<6.8	U		<4	U		<41	U		<3.4	U	
		VMP-16-31-D	11/19/2009	<7.3	U		<4.2	U		<4.8	U		<7.4	U		<6.8	U		<4	U		<41	U		<3.4	U	
		VMP-16-31-090310	9/3/2010	0.014			0.002	J		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0028	J	
		VMP-16-31-112910	11/29/2010	<41	U		15	J		<27	U		<42	U		<38	U		<22	U		<230	U		<19	U	
		VMP-16-31-042512	4/25/2012	<32	U		3.4	J		<21	U		<33	U		<30	U		<18	U		<180	U		<15	U	
		VMP-16-31-073012	7/30/2012	6	J	J	<15	U		<17	U		<27	U		<24	U		<14	U		<150	U		5.6	J	
		VMP-16-31-102512	10/25/2012	<120	U		<71	U		<81	U		<120	U		<110	U		<67	U		<700	U		<58	U	
		VMP-16-31-021813	2/18/2013	<38	U		43			<24	U		<38	U		<35	U		<20	U		<210	U		3	J	
		VMP-16-31-042313	4/23/2013	<24	U		60			5.2	J		<24	U		<22	U		<13	U		<130	U		5.6	J	
		VMP-16-31-081313	8/13/2013	<27	U		56			6.6	J		<27	U		<25	U		<15	U		<150	U		4	J	
		VMP-16-31-111513	11/15/2013	<60	U		<35	U		<39	U		<61	U		<56	U		<33	U		<340	U		<28	U	
		VMP-16-31-030614	3/6/2014	<17	U		24			<11	U		<17	ND,UJ	UJ	<16	U		<9.3	U		<96	U		14		
		VMP-16-31-050214	5/2/2014	<4.9	U		35			4.8			<4.9	U		<4.5	U		<2.6	U		<28	U		6.1		
		VMP-16-31-081514	8/15/2014	<26	U		58			7.9	J		<26	U		<24	U		<14	U		<150	U		7.6	J	
		VMP-16-31-081514-Dup	8/15/2014	<27	U		67			8.4	J		<27	U		<25	U		<14	U		<150	U		6.9	J	
		VMP-16-31-110714	11/7/2014	<4.6	U		91			18			<4.7	U		<4.3	U		<10	U		<26	U		5	J	
		VMP-16-31-021115	2/11/2015	<7.5	ND,UJ	UJ	41			4.9	J		<7.7	U		<7	U		<4.1	U		<43	U		2.3	J	
		VMP-16-31-050715	5/7/2015	66			63			21			<14	U		<12	U		<7.3	U		<76	U		10		
		VMP-16-31-073115	7/31/2015	<5.6	U		68			41			<5.7	U		<5.2	U		1.4	J		<32	U		8.6		
		VMP-16-31-073115-DUP	7/31/2015	<5.2	U		65			36			<5.3	U		<4.8	U		1.3	J		<29	U		8.2		
		VMP-16-31-110415	11/4/2015	<11	U		53			35			<11	U		<10	U		2.6	J		<62	U		21		
		VMP-16-31-020316	2/3/2016	<20	U		23			13	J		<20	U		<18	U		<11	U		<110	U		7.6	J	
		VMP-16-31-020316-DUP	2/3/2016	<24	U		26			18			<24	U		<22	U		2.5	J		<140	U		6.8	J	
		VMP-16-31-050416	5/4/2016	6.1	J		15			15			<10	U		<9.3	U		<5.4	U	UJ	<57	U		27		
		VMP-16-31-050416-DUP	5/4/2016	4.1	J		17			20			<10	U		<9.1	U		13		J	<55	U		18		
		VMP-16-31-080316	8/3/2016	<6.8	U		12			18			<6.9	U		<6.3	U		2.3	J		<38	U		9.2		
		VMP-16-31-103116	10/31/2016	<4.8	U		8.7			21			<4.9	U		<4.4	U		<2.6	U		<27	U		8.2		
		VMP-16-31-103116-Dup	10/31/2016	<5	U		8.6			23			<5.1	U		<4.7	U		<2.7	U		<28	U		8.5		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	<0.011	U		<0.006	U		<0.007	U		<0.011	U		<0.01	U		0.023			<0.062	U		0.41		
		VMP-17-5-DUP	6/21/2010	<0.011	U		<0.006	U		<0.007	U		<0.011	U		<0.01	U		0.019			<0.064	U		0.35		
		VMP-17-5-090110	9/1/2010	0.022			0.0039	J	J	<0.0066	U		<0.01	U	U	<0.0094	U		0.043			<0.057	U	UJ	0.088		
		VMP-17-5-112210	11/22/2010	0.011			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0013	J	
		VMP-17-5-020711	2/7/2011	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.016			<0.054	U		0.02		
		VMP-17-5-040611	4/6/2011	<0.038	U		<0.022	U		<0.025	U		<0.039	U		<0.035	U		0.025			<0.22	U		0.11		
		VMP-17-5-080111	8/1/2011	0.17			<0.084	U		<0.095	U		<0.15	U		<0.13	U		0.028	J		<0.82	U		0.24		
		VMP-17-5-110711	11/7/2011	0.044			<0.0037	U		<0.0042	J	U	<0.0066	U		<0.006	U		0.0009	J		<0.036	U		0.00088	J	
		VMP-17-5-012612	1/26/2012	0.0099			0.0012	J		<0.0044	U		<0.0068	U		<0.0062	U		<0.0037	U		<0.038	U		0.00056	J	
		VMP-17-5-041112	4/11/2012	0.015			0.0023	J		<0.0045	U		<0.007	U		<0.0064	U		0.0022	J		<0.039	U		0.0025	J	
		VMP-17-5-071112	7/11/2012	0.064			0.0031	J		<0.0048	J	U	<0.0075	U		<0.0068	U		0.0035	J		<0.042	U		0.0047		
		VMP-17-5-100912	10/9/2012	0.0052	J		<0.0066	U		0.0045	J		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U	
		VMP-17-5-013113	1/31/2013	<0.04	U		0.0047	J		0.0096	J		<0.041	U		<0.037	U		<0.022	U		<0.23	U		0.0065	J	
		VMP-17-5-013113-DUP	1/31/2013	<0.04	U		<0.023	U		0.0055	J		<0.041	U		<0.037	U		0.0063	J		<0.23	U		0.015	J	
		VMP-17-5-050113	5/1/2013	0.0016	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-17-5-072913	7/29/2013	0.0069	J		0.0016	J		<0.007	U		<0.011	U		<0.01	U		0.0015	J		<0.061	U		0.0016	J	
		VMP-17-5-072913-Dup	7/29/2013	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0025	J	
		VMP-17-5-110813	11/8/2013	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-17-5-021114	2/11/2014	<0.0086	U		<0.005	U		0.0024	J		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		0.00075	J	
		VMP-17-5-042214	4/22/2014	0.016			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	J	U	<0.0051	U		<0.053	U		0.0012	J	
		VMP-17-5-073114	7/31/2014	0.064			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0048	U	
		VMP-17-5-103014	10/30/2014	0.011			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-17-5-020415	2/4/2015	0.0078	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-17-5-050115	5/1/2015	<0.0089	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0011	J	
		VMP-17-5-072815	7/28/2015	<0.011	U		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-17-5-102915	10/29/2015	0.0042	J		<0.0055	U		0.0043	J		<0.0097	U		<0.0089	U		0.0023	J		<0.054	U		0.0019	J	
		VMP-17-5-020216	2/2/2016	<0.009	J	U	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	J	U	<0.051	U		0.0016	J	
		VMP-17-5-050216	5/2/2016	<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-17-5-072516	7/25/2016	<0.011	U		0.0034	J		<0.007	U		<0.011	U		<0.0099	U		0.0052	J		<0.06	U		0.0036	J	
		VMP-17-5-103116	10/31/2016	<0.011	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	0.011			<0.006	U		<0.007	U		<0.011	U		<0.01	U		0.0013	J		<0.062	U		0.0021	J	
		VMP-18-8.5-090710	9/7/2010	0.011			<0.0056	J	U	<0.0063	U		0.002	J		<0.009	U		0.0015	J		<0.055	J	U	0.0016	J	
		VMP-18-8.5-111910	11/19/2010	0.0017	J		<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		0.0026	J		<0.046	U		0.0031	J	
		VMP-18-8.5-020711	2/7/2011	0.022			0.013			0.0055	J		<0.0091	U		<0.0083	U		0.045		J	<0.051	U		0.056		J
		VMP-18-8.5-020711-DUP	2/7/2011	0.01			0.004	J		0.0016	J		<0.0088	U		<0.008	U		0.015		J	<0.049	U		0.026		J
		VMP-18-8.5-040711	4/7/2011	0.012			<0.0056	U		<0.0063	J	U	<0.0098	U		<0.009	U		0.012			<0.055	U		0.0049		
		VMP-18-8.5-072811	7/28/2011	0.079			0.0023	J		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0018	J	
		VMP-18-8.5-110711	11/7/2011	0.021			<0.0039	U		<0.0044	J	U	<0.0068	U		<0.0062	U		<0.0037	U		<0.038	U		<0.0032	U	
		VMP-18-8.5-012312	1/23/2012	0.012			0.00054	J		<0.0048	U		<0.0074	U		<0.0068	U		0.0012	J		<0.041	U		0.0012	J	
		VMP-18-8.5-041012	4/10/2012	0.014			0.0055			<0.0049	U		<0.0077	U		<0.007	U		0.0054			<0.043	U		0.0044		
		VMP-18-8.5-071212	7/12/2012	0.12			0.0028	J		<0.0048	J	U	<0.0075	U		<0.0068	U		0.0028	J		<0.042	U		0.0017	J	
		VMP-18-8.5-100912	10/9/2012	0.022			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0027	J		<0.056	U		0.002	J	
		VMP-18-8.5-012313	1/23/2013	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-18-8.5-050113	5/1/2013	0.0018	J		0.0017	J		<0.0076	U		<0.012	U		<0.011	U		<0.0063	U		<0.066	U		<0.0054	J	U
		VMP-18-8.5-072913	7/29/2013	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		0.0027	J	
		VMP-18-8.5-102513	10/25/2013	0.0051	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		0.0012	J		<0.053	U	UJ	0.001	J	
		VMP-18-8.5-102513-Dup	10/25/2013	0.008	J		<0.0061	U		0.00039	J		<0.011	U		<0.0099	U		0.00078	J		<0.06	U	UJ	0.0009	J	
		VMP-18-8.5-020614	2/6/2014	<0.0087	U	UJ	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0.0041	U	
		VMP-18-8.5-042214	4/22/2014	<0.011	J	U	<0.0064	U		0.0022	J		<0.011	U		<0.01	J	U	0.012			<0.063	U		0.0064		
		VMP-18-8.5-042214-Dup	4/22/2014	<0.0098	J	U	<0.0057	U		0.0023	J		<0.01	U		<0.0091	J	U	0.0098			<0.056	U		0.0049		
		VMP-18-8.5-073114	7/31/2014	0.024			<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	
		VMP-18-8.5-110314	11/3/2014	0.015			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0028	J		<0.056	U		0.0025	J	
		VMP-18-8.5-020415	2/4/2015	0.0058	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-18-8.5-050115	5/1/2015	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0022	J	
		VMP-18-8.5-050115-DUP	5/1/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.0021	J	
		VMP-18-8.5-072815	7/28/2015	<0.011	J	U	<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-18-8.5-102915	10/29/2015	0.0044	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-18-8.5-020216	2/2/2016	0.0057	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		0.0094			<0.053	U		0.0036	J	
		VMP-18-8.5-050516	5/5/2016	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-18-8.5-072516	7/25/2016	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		0.0013	J	
		VMP-18-8.5-102516	10/26/2016	0.016	J		<0.011	U		<0.012	U		<0.019	U		<0.018	U		<0.01	U		<0.11	U		<0.0089	J	U

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	0.0064	J		<0.005	U		<0.006	U		<0.01	U		<0.009	U		0.0012	J		<0.058	U		0.0048		
		VMP-19-5-090110	9/1/2010	0.01			0.0086		J	<0.0063	U		<0.0099	U	U	<0.009	U		0.088			<0.055	U	UJ	0.34		
		VMP-19-5-111510	11/15/2010	0.024			0.003	J		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0033	J	
		VMP-19-5-020411	2/4/2011	0.015			0.00074	J		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	J	U	0.0093		
		VMP-19-5-040711	4/7/2011	0.0058	J		0.00086	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-19-5-080911	8/9/2011	0.047		J	0.0051	J		<0.0073	J	U	<0.011	U		<0.01	U		0.036			<0.063	U		0.12		J
		VMP-19-5-080911-DUP	8/9/2011	0.078		J	0.0051	J		<0.0069	U		<0.011	U		<0.0098	U		0.032			<0.06	U		0.085		J
		VMP-19-5-110811	11/8/2011	0.021			<0.0042	U		<0.0048	U		<0.0075	U		<0.0068	U		<0.004	U		<0.042	U		0.00093	J	
		VMP-19-5-012612	1/26/2012	0.013			0.003	J		<0.0042	U		<0.0066	U		<0.006	U		0.0024	J		<0.036	U		0.0024	J	
		VMP-19-5-041012	4/10/2012	0.031			0.0031	J		<0.0048	U		<0.0075	U		<0.0068	U		0.0037	J		<0.042	U		0.0014	J	
		VMP-19-5-071112	7/11/2012	0.038			0.0032	J		<0.0055	J	U	<0.0085	U		<0.0078	U		0.0014	J		<0.048	U		0.00098	J	
		VMP-19-5-100912	10/9/2012	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.00097	J	
		VMP-19-5-013113	1/31/2013	0.022			0.042			0.092			<0.0099	U		<0.009	U		0.0096			<0.055	U		0.019		
		VMP-19-5-043013	4/30/2013	0.0058	J		0.0026	J		<0.0084	U		<0.013	U		<0.012	U		<0.007	U		<0.072	U		<0.006	U	
		VMP-19-5-073113	7/31/2013	0.0088	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-19-5-102513	10/25/2013	0.0048	J		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		0.0012	J		<0.06	U		0.002	J	
		VMP-19-5-020614	2/6/2014	0.0057	J	J	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-19-5-042214	4/22/2014	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0099	J	U	<0.0058	U		<0.06	U		<0.005	U	
		VMP-19-5-073114	7/31/2014	0.021			<0.0071	U		<0.0081	U		<0.012	U		<0.011	U		<0.0067	U		<0.07	U		<0.0058	U	
		VMP-19-5-110314	11/3/2014	<0.0093	J	U	0.0014	J		<0.006	U		<0.0094	U		<0.0086	U		0.0017	J		<0.052	U		<0.0043	U	
		VMP-19-5-020415	2/4/2015	<0.0097	U		0.0012	J		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.00094	J	
		VMP-19-5-050115	5/1/2015	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		0.0011	J	
		VMP-19-5-072815	7/28/2015	<0.011	J	U	<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		0.0062			<0.064	U		0.019		
		VMP-19-5-102615	10/26/2015	0.012			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-19-5-020216	2/2/2016	0.0056	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0042	J		<0.059	U		0.0033	J	
		VMP-19-5-050616	5/6/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-19-5-072816	7/28/2016	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-19-5-102516	10/26/2016	<0.0095	J	U	0.0023	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0017	J	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	0.11	J	J	0.014			0.0028	J		<0.0093	U		<0.0084	U		0.01			<0.052	U		0.016		
		VMP-20-5-041511	4/15/2011	<0.1	U		<0.058	U		<0.065	U		<0.1	U		<0.093	U		0.24			<0.57	U		2.4		
		VMP-20-5-072511	7/25/2011	0.018			0.0015	J		<0.0069	U		<0.011	U		<0.0098	U		0.00085	J		<0.06	U		0.0013	J	
		VMP-20-5-110111	11/1/2011	0.033			0.003	J		<0.004	J	U	<0.0062	U		<0.0056	U		0.0023	J		<0.034	U		0.0047		
		VMP-20-5-012312	1/23/2012	0.021	J		0.0073	J		<0.019	U		<0.03	U		<0.027	U		0.37			<0.16	U		1.3		
		VMP-20-5-041012	4/10/2012	0.05			0.0011	J		<0.0043	U		<0.0067	U		<0.0061	U		0.004			<0.037	U		0.0048		
		VMP-20-5-071112	7/11/2012	0.0061	J		<0.005	U		<0.0057	J	U	<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-20-5-073112	7/31/2012	0.037			0.0027	J		0.00076	J		<0.0075	U		<0.0068	U		0.0057			<0.042	U		0.0018	J	
		VMP-20-5-100412	10/4/2012	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0012	J	
		VMP-20-5-020713	2/7/2013	0.0064	J		0.002	J		0.017			<0.0095	U		<0.0086	U		0.002	J		<0.053	U		0.027		
		VMP-20-5-041913	4/19/2013	<0.0094	U		0.0059			0.0091		J	<0.0096	U		<0.0088	U		0.0046	J		<0.054	U		0.01		
		VMP-20-5-072313	7/23/2013	<0.011	J	U	<0.0061	U		<0.0069	J	U	<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-20-5-110113	11/1/2013	0.0036	J		<0.0059	U		<0.0067	U		0.00066	J		<0.0095	U		0.00043	J		<0.058	U		0.00051	J	
		VMP-20-5-021014	2/10/2014	<0.0098	U	UJ	<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-20-5-042114	4/21/2014	<0.01	U		0.0041	J		0.0044	J		<0.01	U		<0.0094	U		0.0021	J		<0.057	U		0.0099		
		VMP-20-5-072514	7/25/2014	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-20-5-102714	10/27/2014	<0.011	ND,UJ	UJ	<0.0063	U		<0.0072	U		<0.011	J	U	<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-20-5-012715	1/27/2015	0.01	J		0.0018	J		0.0048	J		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-20-5-042715	4/27/2015	0.0021	J		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	ND,UJ	UJ	<0.0044	U	
		VMP-20-5-072015	7/20/2015	0.016			0.02			0.046			<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0013	J	
		VMP-20-5-102015	10/20/2015	0.0048	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.0014	J		<0.051	ND,UJ	UJ	0.0025	J	
		VMP-20-5-021616	2/16/2016	0.0081	J		<0.0071	U		<0.008	U		<0.012	U		<0.011	U		<0.0067	U		<0.07	U		<0.0057	U	
		VMP-20-5-042516	4/25/2016	0.018			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	J	U	<0.06	U		<0.005	J	U
		VMP-20-5-072216	7/22/2016	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		0.004	J		<0.055	U		0.0019	J	
		VMP-20-5-102616	10/26/2016	<0.0093	J	U	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		0.0014	J	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	10 ft	VMP-20-10-031411	3/14/2011	0.0034	J	J	0.0089			0.0026	J		<0.0093	U		<0.0084	U		0.0034	J		<0.052	U		0.0049		
		VMP-20-10-041511	4/15/2011	0.012	J		<0.052	U		<0.059	U		<0.093	U		<0.084	U		0.14			<0.52	U		0.81		
		VMP-20-10-072511	7/25/2011	0.013			0.0014	J		0.0023	J		<0.0099	U		<0.009	U		0.00069	J		<0.055	U		<0.0045	U	
		VMP-20-10-110111	11/1/2011	0.01			<0.0037	U		<0.0042	U		<0.0066	U		<0.006	U		<0.0035	U		<0.036	U		<0.003	U	
		VMP-20-10-012312	1/23/2012	0.016			0.0024	J		0.001	J		<0.0068	U		<0.0062	U		0.0091			<0.038	U		0.006		
		VMP-20-10-041012	4/10/2012	0.071			0.0015	J		<0.0042	U		<0.0066	U		<0.006	U		0.0048			<0.036	U		0.004		
		VMP-20-10-071112	7/11/2012	0.0053	J		<0.0042	U		<0.0048	J	U	<0.0075	U		<0.0068	U		<0.004	U		<0.042	U		<0.0034	U	
		VMP-20-10-100412	10/4/2012	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0017	J		<0.057	U		0.002	J	
		VMP-20-10-012213	1/22/2013	0.004	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		0.0009	J	
		VMP-20-10-041913	4/19/2013	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
		VMP-20-10-072313	7/23/2013	<0.011	J	U	<0.0063	U		<0.0071	J	U	<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0018	J	
		VMP-20-10-110113	11/1/2013	0.0022	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0004	J		<0.056	U		0.00031	J	
		VMP-20-10-110113-Dup	11/1/2013	0.0022	J		<0.0054	U		<0.0061	U		0.0006	J		<0.0086	U		0.00033	J		<0.053	U		0.00044	J	
		VMP-20-10-021014	2/10/2014	<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-20-10-042114	4/21/2014	0.0096			<0.0051	U		0.0052	J		<0.009	U		<0.0082	U		0.0024	J		<0.05	U		0.0026	J	
		VMP-20-10-072514	7/25/2014	0.0098	J		0.0044	J		0.013			<0.01	U		<0.0092	U		0.0088			<0.056	U		0.012		
		VMP-20-10-102714	10/27/2014	0.0045	J	J	<0.0074	U		<0.0084	U		<0.013	U		<0.012	U		0.0028	J		<0.073	U		0.0018	J	
		VMP-20-10-012715	1/27/2015	0.0073	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-20-10-012715-DUP	1/27/2015	0.0077	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-20-10-042715	4/27/2015	<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	ND,UJ	UJ	0.0016	J	
		VMP-20-10-072015	7/20/2015	0.036			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-20-10-102015	10/20/2015	0.0039	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	ND,UJ	UJ	<0.0039	U	
		VMP-20-10-102015-DUP	10/20/2015	0.0088	J		<0.006	U		<0.0068	U		0.0023	J		<0.0098	U		<0.0057	U		<0.06	ND,UJ	UJ	0.0022	J	
		VMP-20-10-021616	2/16/2016	0.016			0.021			0.011			<0.0094	U		<0.0086	U		0.0082			<0.052	U		0.012		
		VMP-20-10-042516	4/25/2016	0.007	J		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	J	U	<0.061	U		0.0031	J	
		VMP-20-10-072216	7/22/2016	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-20-10-102616	10/26/2016	0.0077	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		0.0017	J	
	25 ft	VMP-20-25-031411	3/14/2011	0.0045	J	J	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.0022	J		<0.051	U		0.0017	J	
		VMP-20-25-041511	4/15/2011	<0.1	U		<0.06	U		<0.068	U		<0.1	U		<0.096	U		0.12			<0.59	U		0.84		
		VMP-20-25-072611	7/26/2011	<0.69	U		<0.4	U		<0.45	U		<0.7	U		<0.64	U		<0.38	U		<3.9	U		<0.32	U	
		VMP-20-25-110511	11/5/2011	0.011			0.0011	J		0.0013	J		<0.0064	U		<0.0059	U		<0.0034	U		<0.036	U		<0.003	J	U
		VMP-20-25-012312	1/23/2012	0.022			0.0006	J		<0.0046	U		<0.0072	U		<0.0065	U		0.0012	J		<0.04	U		0.0018	J	
		VMP-20-25-041012	4/10/2012	0.047		J	0.0016	J		0.001	J		<0.0067	U		<0.0061	U		0.0058			<0.037	U		0.004		
		VMP-20-25-041012-Dup	4/10/2012	0.03		J	0.0015	J		<0.0044	U		<0.0068	U		<0.0062	U		0.0033	J		<0.038	U		0.0038		
		VMP-20-25-071112	7/11/2012	0.017			<0.0044	U		<0.0049	J	U	<0.0077	U		<0.007	U		0.0032	J		<0.043	U		<0.0035	U	
		VMP-20-25-100412	10/4/2012	0.011	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0012	J	
		VMP-20-25-012213	1/22/2013	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-20-25-041913	4/19/2013	<0.01	U		0.0033	J		0.007		J	<0.01	U		<0.0093	U		0.0025	J		<0.057	U		0.0068		
		VMP-20-25-072313	7/23/2013	<0.011	J	U	<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U	
		VMP-20-25-110113	11/1/2013	0.0034	J		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		0.00034	J		<0.05	U		0.00039	J	
		VMP-20-25-021014	2/10/2014	0.0062	J	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-20-25-042114	4/21/2014	0.0069	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-20-25-072514	7/25/2014	0.007	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-20-25-102714	10/27/2014	<0.0094	ND,UJ	UJ	<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-20-25-012715	1/27/2015	0.005	J		<0.0056	U		0.0012	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-20-25-042715	4/27/2015	0.013			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	ND,UJ	UJ	<0.0045	U	
		VMP-20-25-072015	7/20/2015	0.015			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.002	J	
		VMP-20-25-102015	10/20/2015	0.0088			<0.0051	U		0.0038	J		0.002	J		<0.0082	U		0.0018	J		0.03	J	J	0.0024	J	
		VMP-20-25-020216	2/2/2016	0.0088	J		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-20-25-042516	4/25/2016	0.0091	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	J	U	<0.059	U		<0.0049	J	U
		VMP-20-25-072216	7/22/2016	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0027	J	
		VMP-20-25-102616	10/26/2016	<0.0095	J	U	0.0037	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	J	U

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	39.5 ft	VMP-20-39.5-042114	4/21/2014	<0.82	U		<0.48	U		<0.54	U		<0.84	U		<0.76	U		<0.45	U		<4.7	U		<0.38	U	
		VMP-20-39.5-042715	4/27/2015	0.0047	J		0.0034	J		0.0026	J		<0.0095	U		<0.0086	U		0.0051			0.0024	J	J	0.013		
		VMP-20-39.5-042715-DUP	4/27/2015	<0.011	U		0.0036	J		0.0023	J		<0.011	U		<0.01	U		0.0068			<0.061	U	UJ	0.016		
		VMP-20-39.5-072015	7/20/2015	0.031			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-20-39.5-072015-DUP	7/20/2015	0.028			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0019	J	
		VMP-20-39.5-100412	10/4/2012	<2.7	U		<1.6	U		<1.8	U		<2.8	U		<2.5	U		<1.5	U		<15	U		<1.3	U	
		VMP-20-39.5-012313	1/23/2013	<1.6	U		<0.9	U		<1	U		<1.6	U		<1.4	U		<0.85	U		<8.8	U		0.068	J	
		VMP-20-39.5-041913	4/19/2013	<1.2	U		<0.71	U		<0.81	U		<1.3	U		<1.2	U		<0.67	U		<7	U		<0.58	U	
		VMP-20-39.5-072313	7/23/2013	0.43	J		<1.4	U		0.23	J		<2.4	U		<2.2	U		<1.3	U		<13	U		<1.1	U	
		VMP-20-39.5-110113	11/1/2013	<0.2	U		<0.12	U		<0.13	U		<0.21	U		<0.19	U		<0.11	U		<1.2	U		<0.096	U	
		VMP-20-39.5-021014	2/10/2014	<0.18	U		<0.1	U		<0.12	U		<0.18	U		<0.16	U		<0.096	U		<1	U		<0.083	U	
		VMP-20-39.5-021014-Dup	2/10/2014	<0.17	U		<0.096	U		<0.11	U		<0.17	U		<0.15	U		<0.09	U		<0.94	U		<0.078	U	
		VMP-20-39.5-072514	7/25/2014	<1.6	U		<0.95	U		<1.1	U		<1.7	U		<1.5	U		<0.9	U		<9.4	U		<0.77	U	
		VMP-20-39.5-072514-Dup	7/25/2014	0.47	J		<0.75	U		<0.85	U		<1.3	U		<1.2	U		<0.71	U		<7.4	U		<0.61	U	
		VMP-20-39.5-102714	10/27/2014	0.0044	J	J	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-20-39.5-012715	1/27/2015	0.0081	J		0.0022	J		0.0025	J		<0.011	U		<0.01	U		<0.006	U		<0.062	U		0.0021	J	
		VMP-20-39.5-102015	10/20/2015	0.012			<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	ND,UJ	UJ	<0.0044	J	U
		VMP-20-39.5-020216	2/2/2016	<0.0095	U		0.007			0.0049	J		<0.0096	U		<0.0088	U		0.0096			<0.054	U		0.017		
		VMP-20-39.5-020216-DUP	2/2/2016	<0.0093	U		0.0064			0.0049	J		<0.0095	U		<0.0087	U		0.0094			<0.053	U		0.018		
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<3.5	U		<2	U		<2.3	U		<3.6	U		<3.2	U		16			<20	U		150		
		VMP-21-5-020911-DUP	2/9/2011	<6	U		<3.4	U		<3.9	U		<6.1	U		<5.6	U		12			<34	U		120		
		VMP-21-5-041311	4/13/2011	<0.0099	J	U	0.0099			0.0014	J		<0.01	U		<0.0092	U		0.63			<0.056	U		1.4		
		VMP-21-5-072511	7/25/2011	0.017			0.0017	J		0.0018	J		<0.01	U		<0.0096	U		0.0025	J		<0.059	U		0.0019	J	
		VMP-21-5-110111	11/1/2011	0.019			0.028			0.03			<0.0087	U		<0.008	U		0.0049			<0.049	U		0.0056		
		VMP-21-5-012312	1/23/2012	0.017			0.00056	J		0.00074	J		<0.0074	U		<0.0068	U		0.0011	J		<0.041	U		0.001	J	
		VMP-21-5-012312-DUP	1/23/2012	0.0088			0.00066	J		0.00086	J		<0.0068	U		<0.0062	U		0.00068	J		<0.038	U		0.001	J	
		VMP-21-5-042412	4/24/2012	0.04			0.0027	J		<0.009	U		<0.014	U		<0.013	U		<0.0075	U		<0.078	U		0.0084		
		VMP-21-5-071012	7/10/2012	0.15			0.036			0.025			<0.0081	U		<0.0074	U		0.0027	J		<0.045	U		0.0035	J	
		VMP-21-5-100412	10/4/2012	0.018			<0.0068	U		<0.0076	J	U	<0.012	U		<0.011	U		0.0022	J		<0.066	U		0.0012	J	
		VMP-21-5-020613	2/6/2013	0.0062	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-21-5-051013	5/10/2013	<0.011	U		<0.0062	U		0.0033	J		<0.011	U		<0.01	U		0.016			<0.061	U		0.029		
		VMP-21-5-072313	7/23/2013	<0.011	J	U	<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U	
		VMP-21-5-102113	10/21/2013	0.0024	J		0.0016	J		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U	UJ	<0.0047	U	
		VMP-21-5-022414	2/24/2014	0.0068	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	U	
		VMP-21-5-042114	4/21/2014	0.018			<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		0.002	J	
		VMP-21-5-072814	7/28/2014	0.0044	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.0015	J	
		VMP-21-5-102714	10/27/2014	<0.0091	ND,UJ	UJ	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-21-5-012715	1/27/2015	<0.024	U		<0.0055	U		0.0021	J		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-21-5-042715	4/27/2015	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U	UJ	<0.005	U	
		VMP-21-5-072015	7/20/2015	0.006	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0014	J	
		VMP-21-5-102315	10/23/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0011	J	
		VMP-21-5-012616	1/26/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		0.0016	J		<0.06	ND,UJ	UJ	<0.0049	U	
		VMP-21-5-042716	4/27/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0011	J	
		VMP-21-5-072616	7/26/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-21-5-102416	10/24/2016	0.0052	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011	<3.2	U		<1.8	U		<2.1	U		<3.2	U		<2.9	U		14			<18	U		130		
		VMP-21-10-041311	4/13/2011	<0.4	U		<0.23	U		<0.26	U		<0.41	U		<0.37	U		<0.22	U		<2.3	U		0.16	J	
		VMP-21-10-072511	7/25/2011	0.085			<0.013	U		<0.014	U		<0.022	U		<0.02	U		0.008	J		<0.12	U		0.0041	J	
		VMP-21-10-110111	11/1/2011	0.025			<0.0037	U		<0.0042	U		<0.0066	U		<0.006	U		<0.0035	U		<0.036	U		<0.003	U	
		VMP-21-10-012312	1/23/2012	0.015			0.00084	J		0.00064	J		<0.0074	U		<0.0068	U		0.0017	J		<0.041	U		0.0015	J	
		VMP-21-10-040912	4/9/2012	0.031			0.0041			0.0011	J		<0.0067	U		<0.0061	U		0.022			<0.037	U		0.028		
		VMP-21-10-071012	7/10/2012	0.0075			<0.0044	U		<0.0049	U		<0.0077	U		<0.007	U		<0.0041	U		<0.043	U		<0.0035	U	
		VMP-21-10-100412	10/4/2012	0.025			0.0029	J		<0.0069	J	U	<0.011	U		<0.0098	U		0.0044	J		<0.06	U		0.002	J	
		VMP-21-10-020513	2/5/2013	0.0033	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0019	J		<0.057	U		0.0028	J	
		VMP-21-10-020513-DUP	2/5/2013	0.002	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0021	J		<0.054	U		0.0021	J	
		VMP-21-10-051013	5/10/2013	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		0.0051		
		VMP-21-10-072313	7/23/2013	<0.011	J	U	<0.0063	U		<0.0071	J	U	<0.011	U		<0.01	U		0.0018	J		<0.062	U		<0.0051	U	
		VMP-21-10-102113	10/21/2013	0.0019	J		0.00022	J		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U	UJ	0.00041	J	
		VMP-21-10-022414	2/24/2014	0.0071	J		<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		<0.0041	U	
		VMP-21-10-042114	4/21/2014	0.01			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0013	J	
		VMP-21-10-072814	7/28/2014	0.0059	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-21-10-102714	10/27/2014	<0.01	ND,UJ	UJ	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0017	J	
		VMP-21-10-012715	1/27/2015	0.015	J		0.0037	J		0.0013	J		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-21-10-042715	4/27/2015	0.004	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U	UJ	<0.0051	U	
		VMP-21-10-072015	7/20/2015	0.015			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-21-10-102315	10/23/2015	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		0.0042	J		<0.06	U		0.014		
		VMP-21-10-012616	1/26/2016	<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
		VMP-21-10-042716	4/27/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.0027	J		<0.061	U		0.0015	J	
		VMP-21-10-072616	7/26/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-21-10-102416	10/24/2016	<0.019	U		<0.011	U		<0.012	U		<0.019	U		<0.017	U		<0.01	U		<0.1	U		<0.0087	U	
	25 ft	VMP-21-25-021011	2/10/2011	<8.8	U		<5	U		<5.7	U		<8.9	U		<8.1	U		380			<50	U		1200		
		VMP-21-25-041411	4/14/2011	<31	U		<18	U		<20	U		<31	U		<28	U		310			<170	U		820		
		VMP-21-25-041411-DUP	4/14/2011	<31	U		<18	U		<20	U		<31	U		<28	U		320			<170	U		820		
		VMP-21-25-072611	7/26/2011	<9.9	U		<5.7	U		<6.5	U		<10	U		<9.2	U		230			<56	U		680		
		VMP-21-25-110511	11/5/2011	2.9	J		<3.6	U		<4.1	U		<6.4	U		<5.9	U		3.4	J		<36	U		5.8		
		VMP-21-25-012412	1/24/2012	<0.087	J	U	<0.05	U		<0.057	U		<0.089	U		<0.081	U		<0.048	U		<0.49	U		<0.041	U	
		VMP-21-25-040912	4/9/2012	0.018			0.003	J		<0.0045	U		0.0063	J		<0.0064	U		0.02			<0.039	U		0.028		
		VMP-21-25-071112	7/11/2012	0.016			<0.004	U		<0.0045	J	U	<0.007	U		<0.0064	U		0.0019	J		<0.039	U		<0.0032	U	
		VMP-21-25-100412	10/4/2012	0.018			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0021	J		<0.062	U		0.0013	J	
		VMP-21-25-020513	2/5/2013	0.0044	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0015	J		<0.055	U		0.0033	J	
		VMP-21-25-020513-DUP	2/5/2013	0.0037	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0017	J		<0.057	U		0.0028	J	
		VMP-21-25-051013	5/10/2013	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-21-25-072313	7/23/2013	<0.011	J	U	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0017	J	
		VMP-21-25-102113	10/21/2013	0.0038	J		0.00037	J		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U	UJ	0.00038	J	
		VMP-21-25-042114	4/21/2014	0.0086	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-21-25-072814	7/28/2014	0.0081	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-21-25-102714	10/27/2014	0.0037	J	J	<0.0055	U		0.0014	J		<0.0097	U		<0.0089	U		0.0019	J		<0.054	U		<0.0045	U	
		VMP-21-25-012715	1/27/2015	<0.025	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-21-25-042715	4/27/2015	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U	UJ	0.0013	J	
		VMP-21-25-072015	7/20/2015	0.0052	J		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		0.012		
		VMP-21-25-102315	10/23/2015	<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0012	J	
		VMP-21-25-012616	1/26/2016	0.0048	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	ND,UJ	UJ	<0.0047	U	
		VMP-21-25-042716	4/27/2016	0.0034	J		0.0082			<0.0065	U		<0.01	U		<0.0093	U		0.017			<0.056	U		0.025		
		VMP-21-25-072616	7/26/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-21-25-102416	10/24/2016	<0.0095	U		0.00068	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0011	J	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-021011	2/10/2011	<8.8	U		<5	U		<5.7	U		<8.9	U		<8.1	U		530			<50	U		1400		
		VMP-21-33-041411	4/14/2011	3.8	J		<17	U		<19	U		<30	U		<28	U		330			<170	U		880		
		VMP-21-33-110511	11/5/2011	0.5	J		<0.83	U		<0.94	U		<1.5	U		<1.3	U		0.34	J		<8.1	U		0.62	J	
		VMP-21-33-012412	1/24/2012	<0.21	U		<0.12	U		<0.13	U		<0.21	U		<0.19	U		<0.11	U		<1.2	U		0.62		J
		VMP-21-33-042412	4/24/2012	0.013			0.0021	J		0.0014	J		<0.0072	U		<0.0065	U		<0.0038	U		<0.04	U		0.0072		
		VMP-21-33-071112	7/11/2012	0.0067	J		<0.0042	U		<0.0048	U		<0.0075	U		<0.0068	U		<0.004	U		<0.042	U		<0.0034	U	
		VMP-21-33-100412	10/4/2012	0.021			0.0028	J		<0.0069	J	U	<0.011	U		<0.0098	U		0.0044	J		<0.06	U		0.0025	J	
		VMP-21-33-020513	2/5/2013	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0012	J	
		VMP-21-33-051013	5/10/2013	<0.011	U		<0.0062	U		0.002	J		<0.011	U		<0.0099	U		0.011			<0.06	U		0.016		
		VMP-21-33-102113	10/21/2013	0.0015	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		0.00078	J		<0.054	U	UJ	0.00054	J	
		VMP-21-33-102113-DUP	10/21/2013	0.0022	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U	UJ	0.00044	J	
		VMP-21-33-022414	2/24/2014	<0.0089	U		<0.0051	U		<0.0058	J	U	<0.0091	U		<0.0083	U		<0.0048	J	U	<0.05	U		<0.0042	U	
		VMP-21-33-022414-Dup	2/24/2014	<0.0089	U		<0.0051	U		<0.0058	J	U	<0.0091	U		<0.0083	U		<0.0048	J	U	<0.05	U		<0.0042	J	U
		VMP-21-33-042114	4/21/2014	0.012			<0.0056	U		0.0034	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0011	J	
		VMP-21-33-072814	7/28/2014	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-21-33-102714	10/27/2014	<0.01	ND,UJ	UJ	0.0025	J		0.002	J		<0.01	U		<0.0094	U		0.0052	J		<0.057	U		0.01		
		VMP-21-33-102714-DUP	10/27/2014	<0.011	ND,UJ	UJ	0.0032	J		0.0012	J		<0.011	U		<0.0098	U		0.0066			<0.06	U		0.013		
		VMP-21-33-012715	1/27/2015	0.011	J		0.0035	J		0.0037	J		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-21-33-072015	7/20/2015	0.0067	J		<0.0061	U		0.0017	J		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-21-33-102315	10/23/2015	<0.0085	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		0.0032	J		<0.048	U		0.0055		
		VMP-21-33-102315-DUP	10/23/2015	0.011	J		<0.012	U		<0.014	U		0.0041	J		<0.02	U		0.0064	J		<0.12	U		0.011		
		VMP-21-33-042716	4/27/2016	0.0048	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0017	J	
		VMP-21-33-072616	7/26/2016	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0016	J	
		VMP-21-33-102416	10/24/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.19	U		<0.11	U		<0.13	U		<0.2	U		<0.18	U		<0.1	U		<1.1	U		<0.09	U	
		VMP-22-5-041811	4/18/2011	<0.095	U		<0.055	U		<0.062	U		<0.096	U		<0.088	U		<0.052	U		<0.54	U		<0.044	U	
		VMP-22-5-072611	7/26/2011	0.029			0.0022	J		<0.0073	U		<0.011	U		<0.01	U		0.017			<0.063	J	U	0.059		
		VMP-22-5-110111	11/1/2011	0.023			0.00096	J		<0.0041	U		<0.0064	U		<0.0059	U		<0.0034	U		<0.036	U		<0.003	U	
		VMP-22-5-012412	1/24/2012	0.0094		J	0.0079		J	0.00079	J	J	<0.0068	U		<0.0062	U		0.28		J	<0.038	U		0.7		J
		VMP-22-5-040912	4/9/2012	<0.0074	U		<0.0042	U		<0.0048	U		0.0016	J		<0.0068	U		0.018			<0.042	U		0.05		
		VMP-22-5-070912	7/9/2012	0.0053	J		0.0052			<0.0053	U		<0.0083	U		<0.0076	U		0.003	J		<0.046	U		<0.0038	U	
		VMP-22-5-100312	10/3/2012	0.016		J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0023	J	
		VMP-22-5-100312-Dup	10/3/2012	0.056		J	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		0.0036	J		<0.049	U		0.0062		
		VMP-22-5-012413	1/24/2013	0.0021	J		<0.0056	U		<0.0063	J	U	<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-22-5-041913	4/19/2013	0.0076	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		0.0015	J		<0.054	U		0.0021	J	
		VMP-22-5-072313	7/23/2013	<0.012	J	U	<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		0.0017	J		<0.068	U		0.0029	J	
		VMP-22-5-072313-Dup	7/23/2013	0.013			<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	
		VMP-22-5-101813	10/18/2013	0.003	J		0.00068	J		<0.0067	U		<0.01	U		<0.0095	U		0.00043	J		<0.058	U	UJ	0.00053	J	
		VMP-22-5-021314	2/13/2014	<0.0084	U		<0.0048	U		<0.0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		0.00079	J	
		VMP-22-5-042214	4/22/2014	<0.0096	J	U	<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	J	U	<0.0052	U		<0.054	U		<0.0045	U	
		VMP-22-5-072814	7/28/2014	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-22-5-102414	10/24/2014	0.015	J	J	0.0012	J		<0.0064	U		<0.01	U		<0.0091	U		0.0034	J		<0.055	U		<0.0046	U	
		VMP-22-5-012715	1/27/2015	0.0081	J		0.0026	J		0.0051	J		<0.0087	U		<0.0079	U		0.002	J		<0.048	U		0.0024	J	
		VMP-22-5-042715	4/27/2015	<0.019	U		<0.011	U		<0.012	U		<0.019	U		<0.018	U		0.0033	J		<0.11	U	UJ	<0.0089	U	
		VMP-22-5-072015	7/20/2015	0.0098	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-22-5-012616	1/26/2016	0.005	J		0.0049	J		0.0057	J		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0014	J	
		VMP-22-5-042616	4/26/2016	0.017			<0.0075	U		<0.0085	U		<0.013	U		<0.012	U		<0.0071	U		<0.074	U		<0.0061	U	
		VMP-22-5-072216	7/22/2016	0.016			<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		0.009			<0.065	U		0.004	J	
		VMP-22-5-102716	10/27/2016	<0.0092	J	U	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011	<0.092	U		<0.053	U		<0.06	U		<0.094	U		<0.085	U		<0.05	U		<0.52	U		0.084		
		VMP-22-10-041811	4/18/2011	<0.098	U		<0.057	U		<0.064	U		<0.1	U		<0.091	U		<0.053	U		<0.56	U		<0.046	U	
		VMP-22-10-072611	7/26/2011	0.056			0.0017	J		<0.0074	U		<0.012	U		<0.01	U		0.0051	J		<0.065	U		<0.0053	U	UJ
		VMP-22-10-072611-DUP	7/26/2011	0.039			0.0017	J		0.0027	J		<0.014	U		<0.012	U		<0.0073	U		<0.076	U		0.022		J
		VMP-22-10-110211	11/2/2011	0.01			<0.0037	U		<0.0042	U		<0.0066	U		<0.006	U		<0.0035	U		<0.036	U		<0.003	U	
		VMP-22-10-012412	1/24/2012	0.023			0.001	J		0.00057	J		<0.0074	U		<0.0068	U		0.0028	J		<0.041	U		0.0019	J	
		VMP-22-10-040912	4/9/2012	<0.0073	U		0.0023	J		<0.0047	U		0.0042	J		<0.0067	U		0.01			<0.041	U		0.032		
		VMP-22-10-070912	7/9/2012	0.0062	J		<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-22-10-070912-Dup	7/9/2012	0.0072	J		<0.0046	U		<0.0052	U		<0.0081	U		<0.0074	U		0.0028	J		<0.045	U		0.0015	J	
		VMP-22-10-100312	10/3/2012	0.042			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		0.0031	J		<0.052	U		0.0047		
		VMP-22-10-012413	1/24/2013	0.0022	J		<0.006	U		<0.0068	J	U	<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-22-10-041913	4/19/2013	<0.01	U		0.011			0.013		J	<0.01	U		<0.0093	U		0.0054	J		<0.057	U		0.006		
		VMP-22-10-072313	7/23/2013	<0.011	J	U	0.0025	J		0.0097			<0.011	U		<0.01	U		0.009			<0.063	U		0.0076		
		VMP-22-10-101813	10/18/2013	0.0034	J		0.00044	J		0.00034	J		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U	UJ	0.0013	J	
		VMP-22-10-021314	2/13/2014	<0.0088	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-22-10-042214	4/22/2014	<0.0099	J	U	<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-22-10-072814	7/28/2014	<0.0096	U		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-22-10-102414	10/24/2014	0.0055	J	J	<0.0056	U		0.0016	J		<0.01	U		<0.0091	U		0.0018	J		<0.055	U		<0.0046	U	
		VMP-22-10-012715	1/27/2015	0.017	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0052	U	
		VMP-22-10-042715	4/27/2015	<0.0093	U		0.0018	J		<0.006	U		<0.0094	U		<0.0086	U		0.0046	J		<0.052	U	UJ	0.014		
		VMP-22-10-072015	7/20/2015	0.014			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0019	J		<0.055	U		0.0028	J	
		VMP-22-10-102315	10/23/2015	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		0.0019	J	
		VMP-22-10-012616	1/26/2016	0.0079	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0012	J	
		VMP-22-10-042616	4/26/2016	0.016			<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-22-10-072216	7/22/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.0014	J	
		VMP-22-10-102716	10/27/2016	<0.01	J	U	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.00076	J	
	18 ft	VMP-22-18-021111	2/11/2011	<1.6	U		<0.92	U		<1	U		<1.6	U		<1.5	U		<0.87	U		<9.1	U		17		
		VMP-22-18-041811	4/18/2011	<6.8	U		<3.9	U		<4.4	U		<6.9	U		<6.3	U		3.9			<38	U		31		
		VMP-22-18-072611	7/26/2011	<3.5	U		<2	U		<2.3	U		<3.5	U		<3.2	U		<1.9	U		<20	U		26		
		VMP-22-18-110511	11/5/2011	0.012			<0.004	U		0.001	J		<0.007	U		<0.0064	U		0.00074	J		<0.039	U		<0.0032	J	U
		VMP-22-18-012412	1/24/2012	<0.063	U		<0.036	U		<0.041	U		<0.064	U		<0.059	U		<0.034	U		<0.36	U		<0.03	U	
		VMP-22-18-040912	4/9/2012	<0.0076	U		<0.0044	U		<0.0049	U		<0.0077	U		<0.007	U		0.0061			<0.043	U		0.018		
		VMP-22-18-070912	7/9/2012	0.0036	J		<0.0046	U		<0.0052	U		<0.0081	U		<0.0074	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-22-18-100412	10/4/2012	0.0087	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-22-18-012413	1/24/2013	0.0024	J		<0.006	U		<0.0068	J	U	<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-22-18-042213	4/22/2013	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.00093	J	
		VMP-22-18-072913	7/29/2013	0.0021	J		<0.0063	U		0.0035	J		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0036	J	
		VMP-22-18-101813	10/18/2013	0.0031	J		0.00039	J		<0.0067	U		0.00071	J		<0.0095	U		<0.0056	U		<0.058	U	UJ	0.00081	J	
		VMP-22-18-021314	2/13/2014	<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-22-18-042214	4/22/2014	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-22-18-072814	7/28/2014	0.0046	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-22-18-102414	10/24/2014	0.0088	J	J	<0.0053	U		<0.006	U		<0.0094	J	U	<0.0086	U		0.0032	J		<0.052	U		0.0012	J	
		VMP-22-18-012715	1/27/2015	0.0066	J		0.0025	J		0.0062			<0.0094	U		<0.0086	U		0.0071			<0.052	U		0.0082		
		VMP-22-18-012715-DUP	1/27/2015	<0.023	U		0.002	J		0.0064			<0.0095	U		<0.0087	U		0.0048	J		<0.053	U		0.0046		
		VMP-22-18-042715	4/27/2015	<0.0092	U		0.0072			0.004	J		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U	UJ	0.0011	J	
		VMP-22-18-072015	7/20/2015	0.02			0.0026	J		<0.0083	U		<0.013	J	U	<0.012	U		0.0021	J		<0.072	U		0.0026	J	
		VMP-22-18-102315	10/23/2015	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0017	J	
		VMP-22-18-012616	1/26/2016	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-22-18-042616	4/26/2016	0.01	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0012	J	
		VMP-22-18-072216	7/22/2016	<0.01	U		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-22-18-102716	10/27/2016	0.0083	J		0.0027	J		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.00069	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	38 ft	VMP-22-38-041811	4/18/2011	<21	U		<12	U		<14	U		<21	U		<19	U		55			<120	U		390		
		VMP-22-38-012512	1/25/2012	<0.063	U		<0.036	U		<0.041	U		<0.064	U		<0.059	U		0.026	J		<0.36	U		0.033		
		VMP-22-38-040912	4/9/2012	<0.0073	U		<0.0042	U		<0.0048	U		0.0032	J		<0.0068	U		0.0075			<0.042	U		0.03		
		VMP-22-38-070912	7/9/2012	0.006	J		<0.0045	U		<0.0051	U		<0.0079	U		<0.0072	U		0.0013	J		<0.044	U		0.0011	J	
		VMP-22-38-100412	10/4/2012	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		0.0018	J		<0.065	U		0.0025	J	
		VMP-22-38-012413	1/24/2013	0.0029	J		<0.0058	U		<0.0066	J	U	<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-22-38-042213	4/22/2013	<0.011	U		0.014			0.019		J	<0.011	U		<0.01	U		0.0041	J		<0.062	U		0.0024	J	
		VMP-22-38-072913	7/29/2013	0.0094	J		0.0071			0.0033	J		<0.011	U		<0.01	U		0.0094			<0.061	U		0.011		
		VMP-22-38-101813	10/18/2013	0.0022	J		<0.0055	U		<0.0063	U		0.00077	J		<0.0089	U		<0.0052	U		<0.054	U	UJ	0.0006	J	
		VMP-22-38-021314	2/13/2014	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-22-38-021314-Dup	2/13/2014	0.0053	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0.0041	U	
		VMP-22-38-042214	4/22/2014	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-22-38-072814	7/28/2014	<0.01	U		0.0017	J		<0.0066	U		<0.01	U		<0.0094	U		0.0024	J		<0.057	U		0.0014	J	
		VMP-22-38-072814-DUP	7/28/2014	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0031	J		<0.057	U		0.0014	J	
		VMP-22-38-102414	10/24/2014	0.0099	J	J	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-22-38-102414-DUP	10/24/2014	0.013	J	J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-22-38-012715	1/27/2015	0.0062	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-22-38-042715	4/27/2015	<0.009	U		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U	UJ	<0.0042	U	
		VMP-22-38-042715-DUP	4/27/2015	<0.0096	U		<0.0056	U		0.0023	J		<0.0098	U		<0.0089	U		<0.0052	U		0.025	J	J	<0.0045	U	
		VMP-22-38-072015	7/20/2015	0.011			0.0028	J		<0.0071	U		<0.011	U		<0.01	U		0.0077			<0.062	U		0.018		
		VMP-22-38-072015-DUP	7/20/2015	0.01	J		0.0021	J		<0.0068	U		<0.01	U		<0.0096	U		0.0072			<0.059	U		0.017		
		VMP-22-38-102315	10/23/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-22-38-012616-DUP	1/26/2016	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-22-38-042616	4/26/2016	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-22-38-072216	7/22/2016	<0.01	U		0.0017	J		<0.0068	U		<0.011	U		<0.0097	U		0.0064			<0.059	U		0.011		
		VMP-22-38-072216-DUP	7/22/2016	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0065			<0.059	U		0.0084		
		VMP-22-38-102716	10/27/2016	<0.01	J	U	<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		0.0025	J	
		VMP-22-38-102716-Dup	10/27/2016	<0.0094	J	U	<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		0.0025	J	
VMP-23	5 ft	VMP-23-5-021511	2/15/2011	0.014			0.003	J		<0.0065	U		<0.01	U		<0.0092	U		0.0049	J		<0.056	U		0.0087		
		VMP-23-5-042111	4/21/2011	<0.086	U		<0.05	U		<0.056	U		<0.088	U		<0.08	U		<0.047	U		<0.49	U		0.013	J	
		VMP-23-5-072711	7/27/2011	0.058			0.0024	J		<0.0065	U		<0.01	U		<0.0092	U		0.0083			<0.056	U		0.011		
		VMP-23-5-110211	11/2/2011	0.025			<0.004	U		<0.0046	U		<0.0072	U		<0.0065	U		<0.0038	U		<0.04	U		0.0012	J	
		VMP-23-5-012512	1/25/2012	0.013			<0.0034	U		0.0016	J		<0.006	U		<0.0055	U		0.0019	J		<0.034	U		0.0024	J	
		VMP-23-5-040912	4/9/2012	0.01			0.0051			<0.0047	U		<0.0073	U		<0.0067	U		0.0033	J		<0.041	U		0.011		
		VMP-23-5-070912	7/9/2012	<0.0064	U		<0.0037	U		0.0023	J		<0.0066	U		<0.006	U		0.0023	J		<0.036	U		0.0048		
		VMP-23-5-100312	10/3/2012	0.0065	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0016	J	
		VMP-23-5-012413	1/24/2013	0.0016	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		0.0011	J	
		VMP-23-5-042213	4/22/2013	<0.01	U		0.009			0.01		J	<0.01	U		<0.0096	U		0.005	J		<0.058	U		0.0041	J	
		VMP-23-5-072313	7/23/2013	<0.011	J	U	0.0015	J		<0.0073	U		<0.011	U		<0.01	U		0.0019	J		<0.063	U		0.0022	J	
		VMP-23-5-101813	10/18/2013	0.0058	J		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U	UJ	0.00063	J	
		VMP-23-5-021314	2/13/2014	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-23-5-042114	4/21/2014	<0.01	U		<0.006	U		0.0058	J		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-23-5-080514	8/5/2014	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-23-5-102414	10/24/2014	0.056	J	J	<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		0.002	J		<0.064	U		0.0023	J	
		VMP-23-5-012715	1/27/2015	<0.012	U		<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		<0.0063	U		<0.066	U		<0.0054	U	
		VMP-23-5-042715	4/27/2015	<0.0099	U		0.0024	J		<0.0065	U		0.0021	J		<0.0092	U		0.009			<0.056	U	UJ	0.027		
		VMP-23-5-072015	7/20/2015	0.014			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0019	J		<0.056	U		0.0059		
		VMP-23-5-102615	10/26/2015	0.0049	J		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		0.0018	J		<0.048	U		0.0024	J	
		VMP-23-5-012516	1/25/2016	0.006	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	J	U	0.0014	J	
		VMP-23-5-062816	6/28/2016	0.015			<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	
		VMP-23-5-072216	7/22/2016	<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0052	U	
		VMP-23-5-101916	10/19/2016	<0.0097	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	<0.01	U		0.0058	J		0.0024	J		<0.01	U		<0.0095	U		0.0088			<0.058	J	U	0.013		
		VMP-23-10-042111	4/21/2011	<0.1	U		0.16			0.022	J		<0.1	U		<0.096	U		1.5			<0.59	U		3.4		
		VMP-23-10-072711	7/27/2011	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-23-10-110211	11/2/2011	0.03			0.0013	J		<0.0045	J	U	<0.007	U		<0.0064	U		<0.0037	U		<0.039	U		0.0014	J	
		VMP-23-10-012512	1/25/2012	0.016			0.0038			<0.0038	U		<0.0059	U		<0.0054	U		0.2			<0.033	U		0.44		
		VMP-23-10-040912	4/9/2012	0.018			0.0019	J		0.0012	J		<0.0075	U		<0.0068	U		<0.004	U		<0.042	U		0.0056		
		VMP-23-10-040912-Dup	4/9/2012	0.013			0.002	J		0.001	J		0.0042	J		<0.0068	U		0.0019	J		<0.042	U		0.0079		
		VMP-23-10-070912	7/9/2012	0.0068			<0.0034	U		<0.0038	J	U	<0.0059	U		<0.0054	U		<0.0032	U		<0.033	U		<0.0027	U	
		VMP-23-10-100312	10/3/2012	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		0.0018	J		<0.066	U		0.0032	J	
		VMP-23-10-012413	1/24/2013	0.0029	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		0.001	J	
		VMP-23-10-042213	4/22/2013	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		0.0013	J	
		VMP-23-10-072313	7/23/2013	<0.011	J	U	0.0022	J		0.012			<0.012	U		<0.01	U		0.0072			<0.065	U		0.011		
		VMP-23-10-101813	10/18/2013	0.0082	J		<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		0.0014	J		<0.064	U	UJ	0.0013	J	
		VMP-23-10-101813-DUP	10/18/2013	0.004	J		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		0.0019	J		<0.064	U	UJ	0.0014	J	
		VMP-23-10-021314	2/13/2014	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-23-10-042114	4/21/2014	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-23-10-080514	8/5/2014	0.0051	J		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U		<0.0054	U	
		VMP-23-10-102414	10/24/2014	0.016	J	J	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-23-10-012715	1/27/2015	0.0088	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0014	J	
		VMP-23-10-042715	4/27/2015	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U	UJ	<0.005	U	
		VMP-23-10-072015	7/20/2015	0.0058	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-23-10-102615	10/26/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-23-10-012516	1/25/2016	0.0076	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-23-10-062816	6/28/2016	0.011	J		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		0.0019	J	
		VMP-23-10-072216	7/22/2016	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-23-10-101916	10/19/2016	0.017			0.0018	J		0.0016	J		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		0.0028	J	
	25 ft	VMP-23-25-021511	2/15/2011	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0021	J		<0.054	U		0.0035	J	
		VMP-23-25-042111	4/21/2011	<0.097	U		<0.056	U		<0.063	U		<0.099	U		<0.09	U		0.68			<0.55	U		4.2		
		VMP-23-25-072711	7/27/2011	0.036			0.0027	J		0.003	J		<0.011	U		<0.01	U		0.0034	J		0.0054	J		0.0031	J	
		VMP-23-25-110511	11/5/2011	0.016			0.00075	J		0.00094	J		<0.007	U		<0.0064	U		0.0015	J		<0.039	U		<0.0032	J	U
		VMP-23-25-012512	1/25/2012	0.01			0.0032	J		<0.004	U		<0.0063	U		<0.0057	U		0.16			<0.035	U		0.3		
		VMP-23-25-040912	4/9/2012	0.18			0.0081			0.0016	J		0.002	J		<0.0067	U		0.0044			<0.041	U		0.023		
		VMP-23-25-071012	7/10/2012	<0.0092	U		<0.0053	U		<0.006	J	U	<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		0.0019	J	
		VMP-23-25-100312	10/3/2012	0.006	J		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		0.0019	J	
		VMP-23-25-012413	1/24/2013	0.0033	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-23-25-042213	4/22/2013	<0.01	U		0.0073			0.0071		J	<0.01	U		<0.0096	U		0.0049	J		<0.059	U		0.0045	J	
		VMP-23-25-072313	7/23/2013	0.017			0.0074			0.0081			<0.01	U		<0.0096	U		0.0036	J		<0.059	U		0.0037	J	
		VMP-23-25-102113	10/21/2013	0.0024	J		0.0006	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	J	U	0.00059	J	J
		VMP-23-25-021314	2/13/2014	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-23-25-042114	4/21/2014	<0.011	U		<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-23-25-080514	8/5/2014	0.018			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-23-25-102414	10/24/2014	<0.0098	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		0.0012	J	
		VMP-23-25-012715	1/27/2015	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-23-25-042715	4/27/2015	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U	UJ	<0.0049	U	
		VMP-23-25-072015	7/20/2015	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.002	J	
		VMP-23-25-102615	10/26/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-23-25-012516	1/25/2016	0.0045	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0014	J	
		VMP-23-25-062816	6/28/2016	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-23-25-072216	7/22/2016	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-23-25-101916	10/19/2016	<0.011	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
	40 ft	VMP-23-40-071012	7/10/2012	<0.0078	U		<0.0045	U		<0.0051	J	U	<0.0079	U		<0.0072	U		<0.0042	U		<0.044	U		0.0023	J	
		VMP-23-40-100312	10/3/2012	0.011			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0017	J		<0.06	U		0.0032	J	
		VMP-23-40-012413	1/24/2013	0.0013	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0012	J	
		VMP-23-40-042213	4/22/2013	<0.011	U		0.016			0.0061	J	J	<0.011	U		<0.0098	U		0.024			<0.06	U		0.024		
		VMP-23-40-042213-Dup	4/22/2013	<0.011	U		0.0099			0.0039	J	J	<0.011	U		<0.0098	U		0.016			<0.06	U		0.02		
		VMP-23-40-102113	10/21/2013	0.0029	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0026	J		<0.06	U		0.0059		J
		VMP-23-40-021314	2/13/2014	0.0057	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-23-40-042114	4/21/2014	0.01			<0.0055	U		0.002	J		<0.0098	U		<0.0089	U		0.0072			<0.054	U		0.0039	J	
		VMP-23-40-080514	8/5/2014	0.054			0.014			0.024			<0.0098	U		<0.0089	U		0.0068			<0.055	U		0.0065		
		VMP-23-40-102414	10/24/2014	0.011		J	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0014	J	
		VMP-23-40-012715	1/27/2015	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-23-40-042715	4/27/2015	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	ND,UJ	UJ	<0.0054	U	
		VMP-23-40-072015	7/20/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0084			<0.056	U		0.022		
		VMP-23-40-102615	10/26/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-23-40-102615-DUP	10/26/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	J	U	<0.0046	U	
		VMP-23-40-012516	1/25/2016	0.0035	J		0.0045	J		0.0071			<0.0091	U		<0.0083	U		0.0022	J		<0.05	U		0.0032	J	
		VMP-23-40-072216	7/22/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-021611	2/16/2011	0.0093	J	J	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.004	J		<0.06	U		0.0099		
		VMP-24-5-040811	4/8/2011	<0.11	U		<0.065	U		<0.074	U		<0.12	U		<0.1	U		0.18			<0.64	U		0.94		
		VMP-24-5-072811	7/28/2011	0.04			0.0035	J		0.0043	J		<0.011	U		<0.0098	U		0.0054	J		<0.06	U		0.011		
		VMP-24-5-110211	11/2/2011	0.016			0.0013	J		<0.0046	J	U	<0.0072	U		<0.0065	U		0.0017	J		<0.04	U		0.0038		
		VMP-24-5-110211-DUP	11/2/2011	0.017			0.0015	J		0.0068			<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		0.0069		
		VMP-24-5-012512	1/25/2012	0.007			0.0023	J		<0.004	U		<0.0062	U		<0.0056	U		<0.0033	U		<0.034	U		<0.0028	U	
		VMP-24-5-040912	4/9/2012	0.087			0.0059			0.0037	J		<0.0073	U		<0.0067	U		0.0027	J		<0.041	U		0.017		
		VMP-24-5-071212	7/12/2012	<0.0069	U		0.0022	J		0.0042	J		<0.007	U		<0.0064	U		0.0022	J		<0.039	U		0.0028	J	
		VMP-24-5-101912	10/19/2012	0.01	J		0.0012	J		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		0.0033	J	
		VMP-24-5-012313	1/23/2013	0.0048	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-24-5-050113	5/1/2013	0.0062	J		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-24-5-073113	7/31/2013	0.0047	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.0034	J		<0.061	U		0.0041	J	
		VMP-24-5-102113	10/21/2013	0.0023	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.00058	J	J
		VMP-24-5-020614	2/6/2014	<0.0087	U	UJ	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0.0041	U	
		VMP-24-5-042114	4/21/2014	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-24-5-072814	7/28/2014	0.0091	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0015	J	
		VMP-24-5-102714	10/27/2014	0.0038	J	J	<0.0054	U		0.0019	J		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0027	J	
		VMP-24-5-020215	2/2/2015	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-24-5-042715	4/27/2015	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	ND,UJ	UJ	<0.0051	U	
		VMP-24-5-072115	7/21/2015	0.029		J	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-24-5-102915	10/29/2015	0.032			<0.0059	U		0.0017	J		<0.01	U		<0.0094	U		0.0057			<0.058	U		0.0051		
		VMP-24-5-012716	1/27/2016	0.0096			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-24-5-042916	4/29/2016	0.006	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-24-5-072716	7/27/2016	<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0052	U	
		VMP-24-5-102816	10/28/2016	0.033			0.0028	J		<0.0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		0.0011	J	
	10 ft	VMP-24-10-021711	2/17/2011	0.024	J	J	0.0028	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.18		
		VMP-24-10-041111	4/11/2011	0.0097	J		<0.011	U		<0.012	U		<0.019	U		<0.018	U		0.055			<0.11	U		0.19		
		VMP-24-10-072811	7/28/2011	0.059			0.0026	J		0.0032	J		<0.01	U		<0.0096	U		0.0039	J		<0.059	U		0.0031	J	
		VMP-24-10-110211	11/2/2011	0.0081			<0.0036	U		<0.004	J	U	<0.0063	U		<0.0057	U		<0.0034	U		<0.035	U		<0.0029	U	
		VMP-24-10-012512	1/25/2012	0.0088			0.0033	J		<0.0038	U		<0.0059	U		<0.0054	U		0.00083	J		<0.033	U		<0.0027	U	
		VMP-24-10-041012	4/10/2012	0.027			0.0012	J		<0.0045	U		<0.007	U		<0.0064	U		0.0023	J		<0.039	U		0.002	J	
		VMP-24-10-071212	7/12/2012	0.042			0.003	J		<0.0052	J	U	<0.0081	U		<0.0074	U		<0.0043	U		<0.045	U		<0.0037	U	
		VMP-24-10-100912	10/9/2012	0.036			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.00099	J	
		VMP-24-10-012313	1/23/2013	0.0076	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-24-10-042513	4/25/2013	<0.04	U		0.34			0.12			<0.041	U		<0.037	U		<0.022	U		<0.23	U		<0.019	U	
		VMP-24-10-073113	7/31/2013	0.0078	J		0.00097	J		0.0043	J		<0.011	U		<0.01	U		0.0035	J		<0.061	U		0.0046	J	
		VMP-24-10-102113	10/21/2013	0.0028	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		0.0018	J	J
		VMP-24-10-020614	2/6/2014	<0.0088	U	UJ	<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-24-10-042114	4/21/2014	<0.0096	U		<0.0055	U		0.0023	J		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-24-10-072814	7/28/2014	0.0066	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-24-10-102714	10/27/2014	0.028		J	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.011			<0.051	U		0.012		
		VMP-24-10-020215	2/2/2015	<0.0084	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-24-10-042715	4/27/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	ND,UJ	UJ	<0.0048	U	
		VMP-24-10-072115	7/21/2015	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-24-10-102915	10/29/2015	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-24-10-012716	1/27/2016	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-24-10-042916	4/29/2016	0.005	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-24-10-072716	7/27/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-24-10-102816	10/28/2016	0.01			0.0021	J		<0.0051	U		<0.0079	U		<0.0072	U		0.0022	J		<0.044	U		0.0015	J	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	0.024	J	J	0.0059			0.0026	J		<0.01	U		<0.0094	U		0.053			<0.057	U		0.11		
		VMP-24-22-041111	4/11/2011	<0.0095	J	U	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0018	J	
		VMP-24-22-072811	7/28/2011	0.034			0.0013	J		0.0019	J		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.00091	J	
		VMP-24-22-072811-Dup	7/28/2011	0.028			0.0015	J		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.00098	J	
		VMP-24-22-110611	11/6/2011	0.031			0.001	J		0.00058	J		<0.0067	U		<0.0061	U		0.0021	J		<0.037	U		0.0027	J	
		VMP-24-22-012512	1/25/2012	0.023			<0.0036	U		<0.004	U		<0.0063	U		<0.0057	U		<0.0034	U		<0.035	U		<0.0029	U	
		VMP-24-22-041012	4/10/2012	0.03			0.0018	J		<0.0044	U		<0.0068	U		<0.0062	U		0.0074			0.012	J		0.015		
		VMP-24-22-071212	7/12/2012	0.033			0.0019	J		<0.0053	J	U	<0.0083	U		<0.0076	U		0.0016	J		<0.046	U		0.0019	J	
		VMP-24-22-100912	10/9/2012	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0011	J	
		VMP-24-22-012313	1/23/2013	0.0039	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-24-22-042513	4/25/2013	<0.01	J	U	0.0087			<0.0066	J	U	<0.01	U		<0.0094	U		0.017			<0.058	U		0.018		
		VMP-24-22-042513-Dup	4/25/2013	<0.011	J	U	0.0035	J		<0.0073	J	U	<0.011	U		<0.01	U		0.01			<0.063	U		0.01		
		VMP-24-22-073113	7/31/2013	<0.011	U		0.0033	J		0.0042	J		<0.011	U		<0.01	U		0.0021	J		<0.061	U		0.0017	J	
		VMP-24-22-102213	10/22/2013	0.0019	J		0.0012	J		<0.0061	U		0.00059	J		<0.0087	U		<0.0051	U		<0.053	U	UJ	0.00033	J	
		VMP-24-22-020614	2/6/2014	<0.0093	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-24-22-042114	4/21/2014	0.01			<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		0.0013	J	
		VMP-24-22-072814	7/28/2014	0.0074	J		<0.0058	U		0.0018	J		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0016	J	
		VMP-24-22-102714	10/27/2014	0.011		J	<0.0057	U		0.0027	J		<0.01	U		<0.0092	U		0.002	J		<0.056	U		0.0035	J	
		VMP-24-22-020215	2/2/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-24-22-042715	4/27/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	ND,UJ	UJ	<0.0048	U	
		VMP-24-22-072115	7/21/2015	<0.0099	U	UJ	<0.0057	U	UJ	<0.0065	U	UJ	<0.01	U	UJ	<0.0092	U	UJ	<0.0054	U	UJ	<0.056	U	UJ	0.0013	J	J
		VMP-24-22-082415	8/24/2015	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-24-22-082415-DUP	8/24/2015	<0.011	U		0.0018	J		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-24-22-102915	10/29/2015	<0.011	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		0.0022	J		<0.061	U		<0.0051	U	
		VMP-24-22-012716	1/27/2016	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0015	J	
		VMP-24-22-042916	4/29/2016	0.012			<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		0.0017	J	
		VMP-24-22-072716	7/27/2016	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-24-22-102816	10/28/2016	0.014			<0.0048	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.047	U		<0.0038	U	
	34 ft	VMP-24-34-021711	2/17/2011	0.032	J	J	<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0022	J		<0.057	U		0.0018	J	
		VMP-24-34-041111	4/11/2011	0.011			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		0.0016	J	
		VMP-24-34-072811	7/28/2011	0.034			0.0017	J		0.002	J		<0.0082	U		<0.0074	U		0.0016	J		<0.045	U		0.0019	J	
		VMP-24-34-110611	11/6/2011	0.038			0.0011	J		0.0013	J		<0.0052	U		<0.0048	U		0.0017	J		<0.029	U		<0.0024		U
		VMP-24-34-012512	1/25/2012	0.016			<0.0036	U		<0.0041	U		<0.0064	U		<0.0059	U		<0.0034	U		<0.036	U		<0.003	U	
		VMP-24-34-041012	4/10/2012	0.048			0.004	J		<0.0046	U		<0.0072	U		<0.0065	U		0.012			<0.04	U		0.0065		
		VMP-24-34-071212	7/12/2012	0.06			0.0027	J		<0.0044	J	U	<0.0068	U		<0.0062	U		0.0023	J		<0.038	U		0.0028	J	
		VMP-24-34-100912	10/9/2012	0.0059	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.003	J		<0.059	U		0.0034	J	
		VMP-24-34-012313	1/23/2013	0.0022	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-24-34-050613	5/6/2013	<0.012	U		<0.0069	U		<0.0079	U		<0.012	U		<0.011	U		0.0058	J		<0.068	U		0.0056		
		VMP-24-34-073113	7/31/2013	0.0052	J		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.00087	J	
		VMP-24-34-073113-Dup	7/31/2013	0.0047	J		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.00095	J	
		VMP-24-34-102213	10/22/2013	0.0023	J		0.00041	J		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U	UJ	<0.0048	U	
		VMP-24-34-020614	2/6/2014	<0.0093	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-24-34-042114	4/21/2014	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-24-34-072814	7/28/2014	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0014	J	
		VMP-24-34-072814-DUP	7/28/2014	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-24-34-102714	10/27/2014	0.017			<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		0.0028	J		<0.059	U		0.0029	J	
		VMP-24-34-102714-DUP	10/27/2014	0.0081	J	J	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0017	J	
		VMP-24-34-020215	2/2/2015	<0.0091	U		<0.0052	U		<0.0059	J	U	<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-24-34-020215-DUP	2/2/2015	<0.0088	U		<0.005	U		<0.0057	J	U	<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.0009	J	
		VMP-24-34-042715	4/27/2015	<0.013	U		<0.0076	U		<0.0086	U		<0.013	U		<0.012	U		<0.0072	U		<0.075	ND,UJ	UJ	<0.0062	U	
		VMP-24-34-072115	7/21/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-24-34-072115-DUP	7/21/2015	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-24-34-102915	10/29/2015	0.12			<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-24-34-012716	1/27/2016	0.027			<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		0.0048	J		<0.064	U		0.0032	J	
		VMP-24-34-042916	4/29/2016	0.01			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.00099	J	
		VMP-24-34-072716	7/27/2016	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.00068	J		<0.058	U		0.0011	J	
		VMP-24-34-072716-DUP	7/27/2016	<0.0084	U		<0.0048	U		<0.0054	U		<0.0085	U		<0.0078	U		<0.0045	U		<0.047	U		0.0011	J	
		VMP-24-34-102816	10/28/2016	<0.011	J	U	0.0016	J		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0021	J	
		VMP-24-34-102816-Dup	10/28/2016	<0.01	J	U	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0018	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	<0.091	U		0.07			0.12			<0.093	U		<0.084	U		0.6			<0.52	U		1.3		
		VMP-25-5-040811	4/8/2011	0.033	J		<0.024	U		<0.027	U		<0.042	U		<0.038	U		<0.022	U		<0.23	U		0.093		
		VMP-25-5-080911	8/9/2011	0.1			0.01			<0.0057	J	U	<0.0089	U		<0.0081	U		0.034			<0.05	U		0.1		
		VMP-25-5-111711	11/17/2011	0.0071			<0.0036	U		<0.0041	U		<0.0064	U		<0.0059	U		<0.0034	U		<0.036	U		<0.003	U	
		VMP-25-5-013112	1/31/2012	<0.046	U		0.0044	J		<0.03	U		<0.047	U		<0.043	U		0.072			<0.26	U		0.41		
		VMP-25-5-042512	4/25/2012	0.058			0.003	J		0.0019	J		<0.0073	U		<0.0067	U		0.0016	J		<0.041	U		0.0024	J	
		VMP-25-5-072612	7/26/2012	0.019	J		0.014			0.01	J		<0.025	U		<0.023	U		0.18			<0.14	U		0.51		
		VMP-25-5-102612	10/26/2012	0.048			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-25-5-030613	3/6/2013	0.0069	J		0.0023	J		0.0018	J		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		0.0023	J	
		VMP-25-5-051713	5/17/2013	0.02			<0.0059	U		0.0021	J	J	<0.01	U		<0.0096	U		0.002	J		<0.058	U		0.0044	J	
		VMP-25-5-081513	8/15/2013	0.013		J	<0.0072	U		<0.0082	U		<0.013	U		<0.012	U		0.0014	J		<0.071	U		0.0017	J	
		VMP-25-5-081513-Dup	8/15/2013	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-25-5-111313	11/13/2013	<0.0099	U		0.0017	J		0.035			<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-25-5-050114	5/1/2014	0.01			<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0013	J	
		VMP-25-5-081414	8/14/2014	<0.011	ND,UJ	UJ	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-25-5-110514	11/5/2014	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-25-5-021115	2/11/2015	0.042			0.082			0.062		J	<0.0093	U		<0.0084	U		0.012			<0.052	U		0.0068		
		VMP-25-5-050715	5/7/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0021	J	
		VMP-25-5-073015	7/30/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-25-5-110515	11/5/2015	0.0059	J		0.034			0.047			<0.0099	U		<0.009	U		0.0014	J		<0.055	U		<0.0046	U	
		VMP-25-5-021616	2/16/2016	0.0067	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		0.0024	J	
		VMP-25-5-050416	5/4/2016	<0.18	U		<0.1	U		<0.12	U		<0.19	U		<0.17	U		0.055	J		<1	U		0.82		
		VMP-25-5-080316	8/3/2016	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		0.0017	J		<0.066	U		<0.0055	U	
		VMP-25-5-103116	10/31/2016	<0.0091	U	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
	21 ft	VMP-25-21-031511	3/15/2011	12	J		11			1.7	J		<18	U		<16	U		420		J	<100	U		1700		J
		VMP-25-21-031511-DUP	3/15/2011	14	J		11	J		<15	U		<23	U		<21	U		650		J	<130	U		2700		J
		VMP-25-21-040811	4/8/2011	<190	U		<110	U		<120	U		<190	U		<180	U		480			<1100	U		2100		
		VMP-25-21-040811-DUP	4/8/2011	<190	U		<110	U		<120	U		<200	U		<180	U		510			<1100	U		2100		
		VMP-25-21-080911	8/9/2011	<62	U		210			190			<63	U		<58	U		700			<350	U		2800		
		VMP-25-21-111711	11/17/2011	<85	U		<49	U		<55	U		<86	U		<79	U		120			<480	U		840		
		VMP-25-21-111711-DUP	11/17/2011	<120	U		<72	U		<82	U		<130	U		<120	U		110			<710	U		800		
		VMP-25-21-013112	1/31/2012	<44	U		<25	U		<29	U		<45	U		<41	U		310			<250	U		1700		
		VMP-25-21-013112-DUP	2/1/2012	<41	U		<24	U		<27	U		<42	U		<38	U		370			<230	U		1900		
		VMP-25-21-042512	4/25/2012	<28	U		<16	U		<18	U		<28	U		<26	U		300			<160	U		1900		
		VMP-25-21-072612	7/26/2012	<47	U		<27	U		<31	U		<48	U		<44	U		330			<270	U		2200		
		VMP-25-21-102612	10/26/2012	<280	U		<160	U		<180	U		<290	U		<260	U		350			<1600	U		2000		
		VMP-25-21-030613	3/6/2013	<72	U		<42	U		<47	U		<74	U		<67	U		530			<410	U		2200		
		VMP-25-21-051713	5/17/2013	<51	U		12	J		<33	U		<52	U		<48	U		210			<290	U		1000		
		VMP-25-21-081513	8/15/2013	<26	U		<15	U		<17	U		<26	U		<24	U		140			<150	U		550		
		VMP-25-21-111313	11/13/2013	<68	U		<40	U		<45	U		<70	U		<64	U		120			<390	U		400		
		VMP-25-21-111313-Dup	11/13/2013	<68	U		<40	U		<45	U		<70	U		<64	U		130			<390	U		430		
		VMP-25-21-050114	5/1/2014	<47	U		<27	U		<31	U		<48	U		<44	U		100			<270	U		250		
		VMP-25-21-081414	8/14/2014	<9.9	U	UJ	<5.7	U		<6.5	U		<10	U		<9.2	U		37			<56	U		75		
		VMP-25-21-110514	11/5/2014	<3.1	U		<1.8	U		<2	U		<3.1	U		<2.8	U		18			<17	U		43		
		VMP-25-21-021115	2/11/2015	<4.7	ND,UJ	UJ	<2.7	U		<3	U		<4.8	U		<4.3	U		15			<26	U		25		
		VMP-25-21-050715	5/7/2015	36			<5.2	U		<5.9	U		<9.2	U		<8.4	U		8.6			<51	U		20		
		VMP-25-21-073015	7/30/2015	<2.4	U		0.33	J		<1.6	U		<2.5	U		<2.2	U		16			<14	U		28		
		VMP-25-21-110515	11/5/2015	<2.2	U		0.82	J		0.61	J		<2.2	U		<2	U		9.9			<12	U		25		
		VMP-25-21-050416	5/4/2016	<0.11	U		<0.066	U		<0.074	U		<0.12	U		<0.1	U		<0.062	U		<0.65	U		<0.053	U	
		VMP-25-21-080316	8/3/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.002	J	
		VMP-25-21-103116	10/31/2016	0.0037	J	J	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-25-21-103116-Dup	10/31/2016	<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	31 ft	VMP-25-31-030613	3/6/2013	15	J		<55	U		<62	U		<97	U		<89	U		60			<540	U		280		
		VMP-25-31-081513	8/15/2013	<50	U		<29	U		<33	U		<51	U		<46	U		130			<280	U		450		
		VMP-25-31-111313	11/13/2013	<71	U		<41	U		<46	U		<72	U		<66	U		130			<400	U		370		
		VMP-25-31-050114	5/1/2014	<44	U		<25	U		<28	U		<44	U		<40	U		41			<250	U		100		
		VMP-25-31-081414	8/14/2014	<11	U	UJ	<6.2	U		<7.1	U		<11	U		<10	U		32			<61	U		66		
		VMP-25-31-110514	11/5/2014	<5	U		<2.9	U		<3.2	U		<5	U		<4.6	U		16			<28	U		38		
		VMP-25-31-021115	2/11/2015	<4.4	ND,UJ	UJ	<2.6	U		<2.9	U		<4.5	U		<4.1	U		11			<25	U		22		
		VMP-25-31-021115-DUP	2/11/2015	<4.4	ND,UJ	UJ	<2.5	U		<2.9	U		<4.5	U		<4.1	U		9.9			<25	U		20		
		VMP-25-31-050715	5/7/2015	65			<7	U		<8	U		<12	U		<11	U		<6.6	U		<69	U		16		
		VMP-25-31-050715-DUP	5/7/2015	45			<6.8	U		<7.7	U		<12	U		<11	U		<6.4	U		<67	U		11		
		VMP-25-31-073015	7/30/2015	<2.8	U		<1.6	U		<1.8	U		<2.9	U		<2.6	U		10			<16	U		20		
		VMP-25-31-073015-DUP	7/30/2015	<2.5	U		0.35	J		<1.6	U		<2.5	U		<2.3	U		11			<14	U		18		
		VMP-25-31-110515	11/5/2015	<2	U		<1.2	U		<1.3	U		<2.1	U		<1.9	U		8.9			<12	U		24		
		VMP-25-31-021616	2/16/2016	1.1	J		<1.8	U		<2	U		<3.1	U		<2.8	U		12			<17	U		37		
		VMP-25-31-021616-DUP	2/16/2016	<4.8	U		<2.8	U		<3.1	U		<4.9	U		<4.5	U		14			<27	U		39		
		VMP-25-31-050416	5/4/2016	<5.3	U		<3	U		<3.4	U		<5.4	U		<4.9	U		8.8			<30	U		32		
		VMP-25-31-080316	8/3/2016	<0.2	U		<0.12	U		<0.13	U		<0.21	U		<0.19	U		<0.11	U		<1.1	U		<0.095	U	
		VMP-25-31-080316-DUP	8/3/2016	<0.18	U		<0.1	U		<0.12	U		<0.18	U		<0.17	U		<0.098	U		<1	U		0.015	J	
		VMP-25-31-103116	10/31/2016	<0.091	U		<0.052	U		<0.059	U		<0.093	U		<0.084	U		5.8			<0.52	U		31		J
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	0.034	J		<0.046	U		<0.052	U		<0.081	U		<0.074	U		<0.043	U		<0.45	U		<0.037	U	
		VMP-29-10-100812	10/8/2012	<0.14	U		<0.082	U		<0.092	U		<0.14	U		<0.13	U		<0.077	U		<0.8	U		<0.066	U	
		VMP-29-10-020613	2/6/2013	0.018			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-29-10-050613	5/6/2013	0.0093	J		<0.0059	U		<0.0067	J	U	<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0017	J	
		VMP-29-10-080513	8/5/2013	0.0082	J	J	0.0015	J		0.0014	J		<0.01	U		<0.0093	U		0.0021	J		<0.057	U		<0.0047	U	
		VMP-29-10-083013	8/30/2013	0.021			0.0023	J		0.0023	J		<0.011	U		<0.01	U		0.022			<0.063	U		0.047		
		VMP-29-10-102513	10/25/2013	0.0021	J		0.00031	J		<0.0067	U		<0.01	U		<0.0095	U		0.00054	J		<0.058	U	UJ	0.00063	J	
		VMP-29-10-021214	2/12/2014	0.0044	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.0014	J		<0.051	U		0.0026	J	
		VMP-29-10-042914	4/29/2014	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0015	J	
		VMP-29-10-081214	8/12/2014	0.01	J		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.0051	U	
		VMP-29-10-110314	11/3/2014	0.017			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-29-10-020515	2/5/2015	0.014			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0021	J	
		VMP-29-10-050615	5/6/2015	<0.011	J	U	<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.0051	U	
		VMP-29-10-072715	7/27/2015	0.014			<0.0059	U		0.0019	J		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-29-10-103015	10/30/2015	0.011			<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		0.0022	J		<0.056	U		0.0064		
		VMP-29-10-012716	1/27/2016	0.0097			<0.0056	U		0.0017	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-29-10-050216	5/2/2016	0.027			0.00093	J		0.0018	J		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		0.0012	J	
		VMP-29-10-072816	7/28/2016	0.0071	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-29-10-120916	12/9/2016	0.014			0.0024	J		<0.006	U		<0.0094	U		<0.0086	U		0.0011	J		<0.052	U		0.0017	J	
	20 ft	VMP-29-20-073012	7/30/2012	0.3	J		<0.54	U		<0.62	U		<0.96	U		<0.88	U		<0.51	U		<5.4	U		<0.44	U	
		VMP-29-20-073012-Dup	7/30/2012	0.19	J		<0.51	U		<0.58	U		<0.9	U		<0.82	U		<0.48	U		<5	U		<0.41	U	
		VMP-29-20-100812	10/8/2012	0.077	J		<0.082	U		<0.092	U		<0.14	U		<0.13	U		<0.077	U		<0.8	U		<0.066	U	
		VMP-29-20-020613	2/6/2013	0.01	J		<0.006	U		<0.0068	J	U	<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0012	J	
		VMP-29-20-050613	5/6/2013	<0.042	U		<0.024	U		<0.027	U		<0.042	U		<0.039	U		<0.023	U		<0.24	U		<0.02	U	
		VMP-29-20-080513	8/5/2013	<0.053	U		<0.03	U		<0.034	U		<0.054	U		<0.049	U		<0.029	U		<0.3	U		<0.025	U	
		VMP-29-20-102513	10/25/2013	<0.018	U		<0.01	U		<0.011	U		<0.018	U		<0.016	U		0.0023	J		<0.099	U		0.011		
		VMP-29-20-021214	2/12/2014	0.0078	J		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		0.0009	J	
		VMP-29-20-042914	4/29/2014	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		0.0035	J		<0.052	U		0.008		
		VMP-29-20-081214	8/12/2014	0.011			<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-29-20-110314	11/3/2014	0.01			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.002	J		<0.059	U		0.0025	J	
		VMP-29-20-020515	2/5/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-29-20-050615	5/6/2015	0.0093	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0039	J	
		VMP-29-20-072715	7/27/2015	<0.013	J	U	<0.0077	U		0.0025	J		<0.014	U		<0.012	U		0.0029	J		<0.076	U		0.0045	J	
		VMP-29-20-103015	10/30/2015	0.014			<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		0.0032	J		<0.057	U		0.0047		
	18 ft	VMP-29-20-020416-R	2/4/2016	0.0082	J		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-29-20-050216	5/2/2016	0.62			<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.00098	J	
		VMP-29-20-072816	7/28/2016	0.016	J		<0.012	U		<0.014	U		<0.022	U		<0.02	U		<0.012	U		<0.12	U		<0.0099	U	
		VMP-29-18-110316	11/3/2016	0.012	J		<0.011	U		<0.013	U		<0.02	U		<0.018	U		<0.011	U		<0.11	U		<0.0093	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	26 ft	VMP-29-30-073012	7/30/2012	0.18			<0.089	U		<0.1	U		<0.16	U		<0.14	U		<0.084	U		<0.88	U		<0.073	U	
		VMP-29-30-100812	10/8/2012	<0.7	U		<0.4	U		<0.45	U		<0.71	U		<0.65	U		<0.38	U		<3.9	U		0.1	J	
		VMP-29-30-020613	2/6/2013	0.012			<0.0063	U		<0.0071	J	U	<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.00089	J	
		VMP-29-30-050613	5/6/2013	<0.036	U		<0.021	U		<0.024	U		<0.037	U		<0.034	U		<0.02	U		<0.2	U		<0.017	U	
		VMP-29-30-080513	8/5/2013	<0.055	U		<0.032	U		<0.036	U		<0.056	U		<0.051	U		<0.03	U		<0.31	U		<0.026	U	
		VMP-29-30-080513-Dup	8/5/2013	<0.09	U		<0.052	U		<0.058	U		<0.091	U		<0.083	U		<0.049	U		<0.51	U		<0.042	U	
		VMP-29-30-102513	10/25/2013	<0.014	U		<0.008	U		<0.0091	U		<0.014	U		<0.013	U		<0.0076	U		<0.079	U		0.0011	J	
		VMP-29-30-021214	2/12/2014	<0.0087	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0.0041	U	
		VMP-29-30-042914	4/29/2014	<0.01	U		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-29-30-081214	8/12/2014	<0.074	U		<0.043	U		<0.048	U		<0.075	U		<0.069	U		<0.04	U		<0.42	U		<0.035	U	
		VMP-29-30-111214-R	11/12/2014	0.0072	J		<0.0053	J	U	<0.006	J	U	<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		0.0013	J	
		VMP-29-30-111214-R-DUP	11/12/2014	0.0055	J		<0.0052	J	U	<0.0059	J	U	<0.0092	U		<0.0084	U		0.0013	J		<0.051	U		0.0012	J	
		VMP-29-30-020615	2/6/2015	0.013			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-29-30-050615	5/6/2015	0.01			<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		0.0026	J		<0.06	U		<0.0049	U	
		VMP-29-30-050615-DUP	5/6/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0035	J		<0.057	U		0.0057		
		VMP-29-30-080315	8/3/2015	0.0098	J	J	<0.0065	U		0.0032	J		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-29-30-103015	10/30/2015	0.011			0.0013	J		<0.0058	U		<0.0091	U		<0.0083	U		0.0017	J		<0.051	U		0.0015	J	
		VMP-29-30-012716	1/27/2016	0.0065	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0012	J	
		VMP-29-30-050216	5/2/2016	0.034	J		<0.021	U		<0.024	U		<0.037	U		<0.034	U		<0.02	U		<0.21	U		<0.017	U	
		VMP-29-30-072816	7/28/2016	<0.025	U		<0.014	U		<0.016	U		<0.025	U		<0.023	U		<0.013	U		<0.14	U		<0.012	U	
		VMP-29-26-110316	11/3/2016	<0.0098	J	U	0.057			0.0079			<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-29-26-110316-Dup	11/3/2016	<0.0096	J	U	0.056			0.0087			<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
VMP-30	10 ft	VMP-30-10-073012	7/30/2012	<0.28	U		<0.16	U		<0.18	U		<0.29	U		<0.26	U		<0.15	U		<1.6	U		<0.13	U	
		VMP-30-10-100812	10/8/2012	0.022			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0028	J		<0.06	U		0.00099	J	
		VMP-30-10-020613	2/6/2013	0.0046	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0014	J		<0.056	U		0.0022	J	
		VMP-30-10-050613	5/6/2013	<0.011	J	U	<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0058	U		<0.061	U		<0.005	U	
		VMP-30-10-080513	8/5/2013	0.01	J	J	<0.012	U		<0.014	U		<0.021	U		<0.019	U		<0.011	U		<0.12	U		<0.0098	U	
		VMP-30-10-102813	10/28/2013	0.011			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	ND,UJ	UJ	<0.0051	U	
		VMP-30-10-021214	2/12/2014	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0058	U		<0.061	U		0.0018	J	
		VMP-30-10-042914	4/29/2014	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		0.001	J	
		VMP-30-10-080814	8/8/2014	0.02			<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		0.0022	J		<0.064	U		0.0044	J	
		VMP-30-10-110414	11/4/2014	0.0085	J		0.00089	J		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-30-10-020615	2/6/2015	0.017			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0022	J	
		VMP-30-10-050515	5/5/2015	0.013			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.001	J	
		VMP-30-10-072715	7/27/2015	<0.01		U	<0.0056	U		0.0016	J		<0.01	U		<0.0091	U		0.0014	J		<0.055	U		<0.0046	U	
		VMP-30-10-103015	10/30/2015	0.018			0.0015	J		0.0021	J		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
		VMP-30-10-020416	2/4/2016	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-30-10-050216	5/2/2016	0.0069	J		0.0018	J		0.0015	J		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-30-10-072816	7/28/2016	<0.041	U		<0.024	U		<0.027	U		<0.042	U		<0.038	U		<0.022	U		<0.23	U		<0.019	U	
		VMP-30-10-110316	11/3/2016	<0.0095	J	U	0.059			0.014			<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
	18 ft	VMP-30-20-073012	7/30/2012	<1.2	U		<0.69	U		<0.78	U		<1.2	U		<1.1	U		<0.65	U		<6.8	U		<0.56	U	
		VMP-30-20-100812	10/8/2012	0.25	J		<0.25	U		<0.28	U		<0.44	U		<0.4	U		<0.24	U		<2.5	U		<0.2	U	
		VMP-30-20-020613	2/6/2013	0.008	J		<0.0057	U		<0.0065	J	U	<0.01	U		<0.0092	U		<0.0054	U		<0.056	J	U	0.0025	J	
		VMP-30-20-050613	5/6/2013	<0.1	U		<0.06	U		<0.068	U		<0.11	U		<0.097	U		<0.057	U		<0.59	U		<0.049	U	
		VMP-30-20-080513	8/5/2013	<0.042	U		<0.024	U		<0.028	U		<0.043	U		<0.039	U		<0.023	U		<0.24	U		<0.02	U	
		VMP-30-20-102813	10/28/2013	0.017			<0.0084	U		<0.0096	U		<0.015	U		<0.014	U		<0.008	U		<0.083	ND,UJ	UJ	<0.0068	U	
		VMP-30-20-021214	2/12/2014	0.0068	J		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		0.001	J	
		VMP-30-20-042914	4/29/2014	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-30-20-080814	8/8/2014	0.01	J		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		0.0018	J	
		VMP-30-20-110414	11/4/2014	<0.01	J	U	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-30-20-020615	2/6/2015	0.017			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-30-20-050515	5/5/2015	0.015			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.00073	J	
		VMP-30-20-072715	7/27/2015	0.015	J		<0.014	U		<0.016	U		<0.025	U		<0.023	U		0.0054	J		<0.14	U		<0.012	U	
		VMP-30-20-103015	10/30/2015	0.045			0.0013	J		<0.0071	U		<0.011	U		<0.01	U		0.006			<0.062	U		0.0061		
		VMP-30-20-012716	1/27/2016	0.006	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		0.0028	J	
		VMP-30-20-050216	5/2/2016	0.031			<0.0065	U		0.0016	J		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-30-20-072816	7/28/2016	<0.046	U		<0.026	U		<0.03	U		<0.047	U		<0.043	U		<0.025	U		<0.26	U		<0.021	U	
		VMP-30-18-110316	11/3/2016	<0.0099	J	U	0.058			0.014			<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-30	26 ft	VMP-30-30-073012	7/30/2012	<1.2	U		<0.71	U		<0.8	U		<1.2	U		<1.1	U		<0.67	U		<7	U		<0.58	U	
		VMP-30-30-100812	10/8/2012	<0.91	U		<0.52	U		<0.59	U		<0.92	U		<0.84	U		<0.49	U		<5.1	U		0.11	J	
		VMP-30-30-020613	2/6/2013	0.0044	J		<0.019	U		<0.022	U		<0.034	U		<0.031	U		<0.018	U		<0.19	U		<0.016	U	
		VMP-30-30-050613	5/6/2013	<0.06	U		<0.034	U		<0.039	U		<0.06	U		<0.055	U		<0.032	U		<0.34	U		<0.028	U	
		VMP-30-30-081413	8/14/2013	0.0064	J		0.0022	J		0.0025	J		<0.011	U		<0.01	U		0.0018	J		<0.063	U		0.0021	J	
		VMP-30-30-102813	10/28/2013	<0.038	U		<0.022	U		<0.025	U		<0.039	U		<0.036	U		<0.021	U		<0.22	ND,UJ	UJ	<0.018	U	
		VMP-30-30-021214	2/12/2014	<0.72	U		<0.42	U		<0.47	U		<0.74	U		<0.67	U		<0.39	U		<4.1	U		<0.34	U	
		VMP-30-30-042914	4/29/2014	<0.23	U		<0.13	U		<0.15	U		<0.24	U		<0.22	U		<0.13	U		<1.3	U		<0.11	U	
		VMP-30-30-042914-DUP	4/29/2014	<0.25	U		<0.14	U		<0.16	U		<0.26	U		<0.23	U		<0.14	U		<1.4	U		<0.12	U	
		VMP-30-30-080814	8/8/2014	0.018			<0.0059	U		0.0015	J		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0022	J	
		VMP-30-30-110414	11/4/2014	0.011			<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-30-30-020615	2/6/2015	0.014			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-30-30-050515	5/5/2015	0.018			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0019	J		<0.055	U		0.0059		
		VMP-30-30-050515-DUP	5/5/2015	0.02			<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		0.005		
		VMP-30-30-072715	7/27/2015	<0.011	J	U	<0.0064	U		0.002	J		<0.011	U		<0.01	U		0.0026	J		<0.063	U		0.0039	J	
		VMP-30-30-103015	10/30/2015	0.012			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.0013	J		<0.051	U		<0.0042	U	
		VMP-30-30-012716	1/27/2016	0.0044	J		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		0.0028	J		<0.055	U		0.0036	J	
		VMP-30-30-050216	5/2/2016	<0.011	U		<0.0065	U		0.0016	J		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-30-30-072816	7/28/2016	<0.092	U		<0.053	U		<0.06	U		<0.093	U		<0.085	U		<0.05	U		<0.52	U		<0.043	U	
		VMP-30-30-072816-DUP	7/28/2016	<0.072	U		<0.042	U		<0.047	U		<0.074	U		<0.067	U		<0.039	U		<0.41	U		<0.034	U	
		VMP-30-26-110316	11/3/2016	<0.01	J	U	0.065			0.015			<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	0.083			0.0043			0.0022	J		<0.0073	U		<0.0067	U		0.0026	J		<0.041	U		0.0015	J	
		VMP-31-5-072012	7/20/2012	0.033			<0.0041	U		<0.0047	U		<0.0073	U		<0.0067	U		<0.0039	U		<0.041	U		<0.0034	U	
		VMP-31-5-102612	10/26/2012	0.04			<0.006	U		0.00084	J		<0.01	U		<0.0096	U		0.011			<0.059	U		0.021		
		VMP-31-5-021113	2/11/2013	0.018			0.012			0.018			<0.0099	U		<0.009	U		0.0071			<0.055	U		0.011		
		VMP-31-5-051513	5/15/2013	0.0069	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		0.0019	J	
		VMP-31-5-022614	2/26/2014	0.013			<0.0049	J	U	<0.0056	J	U	<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	J	U
	10 ft	VMP-31-10-042512	4/25/2012	0.083			0.0035	J		0.002	J		<0.0098	U		<0.0089	U		0.01			<0.054	U		0.021		
		VMP-31-10-072612	7/26/2012	0.012			0.004	J		0.0022	J		<0.0075	U		<0.0068	U		0.0037	J		<0.042	U		0.0013	J	
		VMP-31-10-102612	10/26/2012	0.049			<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0019	J	
		VMP-31-10-021313	2/13/2013	0.0079	J		0.013			0.012			<0.011	U		<0.0098	U		0.0075			<0.06	U		0.016		
		VMP-31-10-051713	5/17/2013	<0.012	U		<0.007	U		<0.0079	U		<0.012	U		<0.011	U		<0.0066	U		<0.069	U		<0.0057	J	U
		VMP-31-10-111313	11/13/2013	0.0081	J		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		0.00078	J	
		VMP-31-10-022714	2/27/2014	<0.0095	J	U	<0.0055	U		0.022			<0.0096	U		<0.0088	U		0.0047	J		<0.054	U		0.0067		
	20 ft	VMP-31-20-101912	10/19/2012	<10	U		<6	U		<6.8	U		<10	U		<9.6	U		<5.6	U		<59	U		2	J	
		VMP-31-20-021113	2/11/2013	0.42			<0.086	U		<0.097	U		<0.15	U		<0.14	U		<0.081	U		<0.84	U		<0.069	U	
		VMP-31-20-111213	11/12/2013	<0.0093	U		<0.0054	U		0.0078			<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
	30 ft	VMP-31-30-042512	4/25/2012	<3.7	U		3			0.54	J		<3.8	U		<3.4	U		16			<21	U		180		
		VMP-31-30-042512-Dup	4/25/2012	<3.7	U		3.2			0.6	J		<3.8	U		<3.4	U		19			<21	U		210		
		VMP-31-30-072012	7/20/2012	<0.72	U		<0.41	U		<0.47	U		<0.73	U		<0.67	U		<0.39	U		<4.1	U		2.6		
		VMP-31-30-101912	10/19/2012	<0.65	U		<0.37	U		<0.42	U		<0.66	U		<0.6	U		<0.35	U		<3.7	U		0.28	J	
		VMP-31-30-021113	2/11/2013	<11	U		<6.1	U		<6.9	U		<11	U		<9.8	U		<5.8	U		<60	U		<5	U	
		VMP-31-30-050713	5/7/2013	<90	U		77			26	J		<91	U		<83	U		190			<510	U		2400		
		VMP-31-30-080913	8/9/2013	0.0052	J		<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.067	U		0.0023	J	
		VMP-31-30-111213	11/12/2013	<0.024	U		<0.0054	U		0.0018	J		<0.0096	U		<0.0087	U		0.0018	J		<0.053	U		0.0017	J	
		VMP-31-30-022614	2/26/2014	<46	U		120			41			<47	U		<43	U		240			<260	U		4000		
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	0.08			0.0034	J		0.0023	J		<0.0072	U		<0.0065	U		0.0034	J		<0.04	U		0.0029	J	
		VMP-32-5-072012	7/20/2012	<0.0063	U		<0.0036	U		0.0011	J		<0.0064	U		<0.0059	U		0.0031	J		<0.036	U		0.0021	J	
		VMP-32-5-101812	10/18/2012	0.0073	J		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		0.022			<0.068	U		0.01		
		VMP-32-5-020513	2/5/2013	0.012			<0.0055	U		<0.0062	J	U	<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-32-5-050713	5/7/2013	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0013	J	
		VMP-32-5-080213	8/2/2013	<0.012	U		<0.0069	U		<0.0078	U		0.0018	J		<0.011	U		<0.0065	U		<0.068	U		0.0014	J	
		VMP-32-5-110813	11/8/2013	<0.027	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		0.0011	J		<0.061	U		0.0018	J	
		VMP-32-5-050114	5/1/2014	<0.0084	U		0.0025	J		<0.0055	U		<0.0085	U		<0.0078	U		<0.0046	U		<0.048	U		0.0019	J	
		VMP-32-5-081314	8/13/2014	<0.01	ND,UJ	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0024	J		<0.058	U		0.0015	J	
		VMP-32-5-110714	11/7/2014	0.0036	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-32-5-021015	2/10/2015	<0.0079		U	<0.0045	U		<0.0051	U		<0.0079	U		<0.0072	U		<0.0042	U		<0.044	U		0.0015	J	
		VMP-32-5-073115	7/31/2015	0.027		J	<0.006	U	UJ	<0.0068	U	UJ	<0.011	U	UJ	<0.0098	U	UJ	<0.0057	U	UJ	<0.06	U	UJ	<0.0049	U	UJ
		VMP-32-5-082415	8/24/2015	0.028			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-32-5-110415	11/4/2015	0.014			<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		0.0022	J		<0.064	U		0.0023	J	
		VMP-32-5-012616	1/26/2016	0.0044	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0016	J	
		VMP-32-5-042716	4/27/2016	0.0056	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0035	J		<0.058	U		0.0044	J	
		VMP-32-5-072616	7/26/2016	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-32-5-102716	10/27/2016	0.014			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	10 ft	VMP-32-10-041612	4/16/2012	0.017		J	0.0017	J		0.00093	J		<0.0066	U		<0.006	U		0.0015	J		<0.036	U		0.24		
		VMP-32-10-072012	7/20/2012	0.012			<0.0042	U		<0.0048	U		<0.0075	U		<0.0068	U		0.0023	J		<0.042	U		0.0017	J	
		VMP-32-10-101812	10/18/2012	0.0059	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		0.012			<0.063	U		0.0056		
		VMP-32-10-020513	2/5/2013	0.014			<0.0055	U		<0.0062	J	U	<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-32-10-050713	5/7/2013	<0.011	U		<0.0061	U		<0.0069	J	U	<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0026	J	
		VMP-32-10-080213	8/2/2013	<0.01	J	U	<0.0059	U		<0.0067	U		0.0016	J		<0.0095	U		0.041			<0.058	U		0.34		
		VMP-32-10-082313-R	8/23/2013	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		0.016		J	<0.063	U	UJ	<0.0052	U	
		VMP-32-10-082313-R-DUP	8/23/2013	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U	UJ	<0.068	U	UJ	0.0018	J	
		VMP-32-10-110813	11/8/2013	<0.026	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		0.0011	J		<0.06	U		0.0013	J	
		VMP-32-10-022814	2/28/2014	0.0047	J	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-32-10-050114	5/1/2014	<0.0082	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.047	U		<0.0038	U	
		VMP-32-10-081314	8/13/2014	0.0047	J	J	<0.0063	U		<0.0071	J	U	<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-32-10-110714	11/7/2014	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		0.0014	J	
		VMP-32-10-021015	2/10/2015	<0.0093	J	U	<0.0053	U		0.0014	J		<0.0094	U		<0.0086	U		0.0018	J		<0.052	U		0.0018	J	
		VMP-32-10-051115	5/11/2015	<0.012	U	UJ	<0.0069	U	UJ	<0.0078	U	UJ	<0.012	U	UJ	<0.011	U	UJ	<0.0065	U	UJ	<0.067	U	UJ	0.0017	J	J
		VMP-32-10-052915-R	5/29/2015	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0018	J		<0.06	U		0.0054		
		VMP-32-10-110415	11/4/2015	0.012			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0027	J		<0.057	U		<0.0047	U	
		VMP-32-10-012616	1/26/2016	0.0052	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0013	J	
		VMP-32-10-042716	4/27/2016	0.0098			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0012	J	
		VMP-32-10-072616	7/26/2016	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.00093	J	
		VMP-32-10-102716	10/27/2016	0.0067	J		0.0086			0.0019	J		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
	20 ft	VMP-32-20-041612	4/16/2012	0.18		J	0.04	J		<0.096	U		<0.15	U		<0.14	U		0.068	J		<0.84	U		0.07		
		VMP-32-20-072012	7/20/2012	<0.0072	U		<0.0041	U		0.00052	J		<0.0073	U		<0.0067	U		<0.0039	U		<0.041	U		<0.0034	U	
		VMP-32-20-101812	10/18/2012	0.0054	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0094			<0.059	U		0.0039	J	
		VMP-32-20-020513	2/5/2013	0.0035	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-32-20-050713	5/7/2013	<0.012	U		0.0024	J		<0.0076	J	U	<0.012	U		<0.011	U		0.0024	J		<0.066	U		0.0023	J	
		VMP-32-20-050713-Dup	5/7/2013	0.0057	J		0.0019	J		<0.007	J	U	<0.011	U		<0.0099	U		0.0044	J		<0.06	U		0.0034	J	
		VMP-32-20-080213	8/2/2013	0.024			<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		0.0012	J		<0.064	U		0.0026	J	
		VMP-32-20-110813	11/8/2013	<0.027	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		0.0013	J		<0.061	U		0.0013	J	
		VMP-32-20-022814	2/28/2014	0.0082	J	J	<0.005	U		0.0047	J		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-32-20-050514	5/5/2014	0.0088			0.0014	J		0.006			<0.0089	U		<0.0081	U		0.004	J		<0.05	U		0.0058		
		VMP-32-20-081314	8/13/2014	0.0092	J	J	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-32-20-110714	11/7/2014	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-32-20-021015	2/10/2015	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.00084	J	
		VMP-32-20-051115	5/11/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		0.0011	J	
		VMP-32-20-080315	8/3/2015	0.0046	J		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-32-20-110415	11/4/2015	0.011			0.0017	J		<0.0065	U		<0.01	U		<0.0092	U		0.0055			<0.056	U		0.0062		
		VMP-32-20-110415-DUP	11/4/2015	0.007	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.0062			<0.061	U		0.0064		
		VMP-32-20-021616	2/16/2016	<0.0086	U		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-32-20-042716	4/27/2016	0.0088	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0034	J		<0.06	U		0.0015	J	
		VMP-32-20-082616-R	8/29/2016	0.015			<0.0075	U		<0.0085	U		<0.013	U		<0.012	U		0.0015	J		<0.074	U		0.0015	J	
		VMP-32-20-102716	10/27/2016	0.0079	J		0.0043	J		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
	30 ft	VMP-32-30-041612	4/16/2012	<3.5	U		8.6			1.3	J		<3.6	U		<3.3	U		400			<20	U		1100		
		VMP-32-30-072012	7/20/2012	<7.3	U		<4.2	U		<4.7	U		<7.4	U		<6.7	U		230			<41	U		470		
		VMP-32-30-101812	10/18/2012	<0.41	U		<0.24	U		<0.27	U		<0.42	U		<0.38	U		<0.22	U		<2.3	U		0.16	J	
		VMP-32-30-020513	2/5/2013	<0.42	U		<0.24	U		<0.28	U		<0.43	U		<0.39	U		<0.23	U		<2.4	U		<0.2	U	
		VMP-32-30-050713	5/7/2013	<11	U		95			29			<11	U		<10	U		1400			<62	U		820		
		VMP-32-30-080213	8/2/2013	<1.7	U		0.53	J		17			<1.7	U		<1.6	U		71	J	J	<9.6	U		62		
		VMP-32-30-110813	11/8/2013	<0.54	U		<0.31	U		<0.35	U		<0.55	U		<0.5	U		<0.3	U		<3.1	U		0.69		
		VMP-32-30-022814	2/28/2014	0.021	J	J	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		0.0055			<0.05	U		0.0043		
		VMP-32-30-022814-Dup	2/28/2014	<0.01	ND,UJ	UJ	<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0061			<0.057	U		0.0045	J	
		VMP-32-30-050114	5/1/2014	<1.2	U		<0.67	U		0.86			<1.2	U		<1.1	U		13			<6.6	U		47		
		VMP-32-30-081314	8/13/2014	<0.011	ND,UJ	UJ	0.0076			0.0073			<0.011	U		<0.01	U		0.015			<0.061	U		0.07		
		VMP-32-30-081314-DUP	8/13/2014	<0.0099	ND,UJ	UJ	0.0089			0.0064	J		<0.01	U		<0.0092	U		0.019			<0.056	U		0.084		
		VMP-32-30-110714	11/7/2014	<0.02	U		0.013			0.13		J	<0.02	U		<0.018	U		0.003	J		<0.11	U		0.011		
		VMP-32-30-110714-DUP	11/7/2014	<0.022	U		0.026			0.17		J	<0.023	U		<0.021	U		0.0092	J		<0.13	U		0.013		
		VMP-32-30-021015	2/10/2015	<0.011		U	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-32-30-050515	5/5/2015	0.0078	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-32-30-073115	7/31/2015	0.0087	J	J	0.011		J	0.016		J	<0.011	U	UJ	<0.0098	U	UJ	0.0023	J	J	<0.06	U	UJ	<0.0049	U	UJ
		VMP-32-30-073115-DUP	7/31/2015	<0.012	U	UJ	0.0068		J	0.013		J	<0.012	U	UJ	<0.011	U	UJ	0.0018	J	J	<0.066	U	UJ	<0.0055	U	UJ
		VMP-32-30-082415	8/24/2015	0.011			0.0014	J		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0053		
		VMP-32-30-082415-DUP	8/24/2015	<0.01	U		0.0017	J		<0.0067	U		<0.01	U		<0.0096	U		0.0068			<0.058	U		0.004	J	
		VMP-32-30-110415	11/4/2015	0.0067	J		<0.0063	U		0.0026	J		<0.011	U		<0.01	U		0.0023	J		<0.062	U		0.0021	J	
		VMP-32-30-020216	2/2/2016	0.0058	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		0.0037	J		<0.055	U		0.0026	J	
		VMP-32-30-042716	4/27/2016	0.0042	J		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		0.003	J		<0.061	U		<0.0051	U	
		VMP-32-30-072616	7/26/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-32-30-102716	10/27/2016	0.0087	J		0.0015	J		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	0.072			0.0059			0.0015	J		<0.0093	U		<0.0085	U		0.0099			<0.052	U		0.011		
		VMP-41-10-100912	10/9/2012	0.035			<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		0.0025	J		<0.063	U		<0.0052	U	
		VMP-41-10-012913	1/29/2013	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-41-10-043013	4/30/2013	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0015	J		<0.058	U		0.0019	J	
		VMP-41-10-080213	8/2/2013	<0.011	J	U	<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		0.0015	J		<0.062	U		0.0017	J	
		VMP-41-10-102913	10/29/2013	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U	UJ	<0.057	ND,UJ		<0.0047	U	
		VMP-41-10-021114	2/11/2014	<0.0082	U		<0.0047	U		0.0016	J		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0.0038	U	
		VMP-41-10-042214	4/22/2014	<0.01	U		<0.0058	U		0.0016	J		<0.01	U		<0.0094	U		0.0019	J		<0.057	U		<0.0047	U	
		VMP-41-10-073114	7/31/2014	0.0041	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.002	J	
		VMP-41-10-102814	10/28/2014	0.035	J	J	0.0013	J		0.0013	J		0.0025	J		<0.0087	U		0.0047	J		<0.053	U		0.0012	J	
		VMP-41-10-020415	2/4/2015	0.0067	J		0.0016	J		<0.0059	J	U	<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		0.001	J	
		VMP-41-10-020415-DUP	2/4/2015	<0.0092	U		<0.0053	U		<0.006	J	U	<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		0.0014	J	
		VMP-41-10-043015	4/30/2015	0.0049	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-41-10-072815	7/28/2015	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-41-10-110215	11/2/2015	0.01			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0034	J		<0.056	U		0.0045	J	
		VMP-41-10-012716	1/27/2016	<0.0092	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	ND,UJ	UJ	<0.0043	U	
		VMP-41-10-050216	5/2/2016	0.0048	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-41-10-072816	7/28/2016	0.0088	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-41-10-102416	10/24/2016	<0.011	U		<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		0.0017	J	
	20 ft	VMP-41-20-072712	7/27/2012	0.042			0.003	J		0.0009	J		<0.0072	U		<0.0065	U		0.0028	J		<0.04	U		<0.0033	U	
		VMP-41-20-072712-Dup	7/27/2012	0.028			0.003	J		0.00079	J		<0.0073	U		<0.0067	U		0.0015	J		<0.041	U		0.00086	J	
		VMP-41-20-100912	10/9/2012	0.031			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0024	J		<0.062	U		0.001	J	
		VMP-41-20-100912-Dup	10/9/2012	0.032			<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		0.002	J		<0.063	J	U	<0.0052	U	
		VMP-41-20-012913	1/29/2013	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		0.0017	J	
		VMP-41-20-043013	4/30/2013	<0.01	J	U	<0.0059	U		<0.0067	J	U	<0.01	U		<0.0095	U		0.002	J		<0.058	U		0.0027	J	
		VMP-41-20-043013-Dup	4/30/2013	<0.011	J	U	<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		0.0016	J	
		VMP-41-20-080213	8/2/2013	<0.01	U		<0.0061	U		0.002	J		<0.011	U		<0.0098	U		0.002	J		<0.06	U		0.0029	J	
		VMP-41-20-102913	10/29/2013	0.0033	J		0.00054	J		0.00068	J		<0.011	U		<0.0097	U		0.00099	J		<0.059	U		0.00053	J	
		VMP-41-20-021114	2/11/2014	<0.0082	U		<0.0048	U		<0.0054	U		<0.0084	U		<0.0076	U		<0.0045	U		<0.047	U		<0.0038	U	
		VMP-41-20-042214	4/22/2014	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-41-20-073114	7/31/2014	0.0044	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-41-20-102814	10/28/2014	0.039	J	J	0.0017	J		0.0012	J		<0.01	U		<0.0093	U		0.0068			<0.056	U		0.0017	J	
		VMP-41-20-020415	2/4/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-41-20-043015	4/30/2015	<0.23	U		<0.14	U		<0.15	U		<0.24	U		<0.22	U		<0.13	U		<1.3	U		<0.11	U	
		VMP-41-20-072815	7/28/2015	0.016			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-41-20-110215	11/3/2015	0.34			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0048	J	
		VMP-41-20-012716	1/27/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	ND,UJ	UJ	<0.0047	U	
		VMP-41-20-050216	5/2/2016	0.0064	J		0.00065	J		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0014	J	
		VMP-41-20-072816	7/28/2016	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-41-20-102416	10/24/2016	<0.0088	J	U	<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
	26 ft	VMP-41-30-100912	10/9/2012	0.024			<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		0.0024	J		<0.066	U		0.0013	J	
		VMP-41-30-012913	1/29/2013	0.0054	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0082			<0.06	U		0.0088		
		VMP-41-30-043013	4/30/2013	<0.011	J	U	<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		0.0074			<0.06	U		0.011		
		VMP-41-30-080213	8/2/2013	<0.011	J	U	0.0042	J		0.01			<0.012	U		<0.01	U		0.0053	J		<0.064	U		0.0064		
		VMP-41-30-102913	10/29/2013	0.0024	J		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		0.00036	J	
		VMP-41-30-021114	2/11/2014	<0.0088	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-41-30-021114-Dup	2/11/2014	<0.0089	U		<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		0.00074	J	
		VMP-41-30-042214	4/22/2014	<0.01	J	U	<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0013	J	
		VMP-41-30-073114	7/31/2014	0.0093	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0058	U		<0.061	U		<0.005	U	
		VMP-41-30-102814	10/28/2014	0.032	J	J	0.0018	J		<0.0059	U		<0.0092	U		<0.0084	U		0.0073			<0.051	U		0.0024	J	
		VMP-41-30-020415	2/4/2015	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-41-30-043015	4/30/2015	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		0.0029	J		0.0026	J	
		VMP-41-30-043015-DUP	4/30/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.0019	J	
		VMP-41-30-110215	11/2/2015	0.015			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0033	J	
		VMP-41-30-110215-DUP	11/2/2015	0.014			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0036	J	
		VMP-41-30-012716	1/27/2016	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0012	J		<0.056	ND,UJ	UJ	0.0026	J	
		VMP-41-30-012716-DUP	1/27/2016	0.0046	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		0.0013	J		<0.054	ND,UJ	UJ	0.0035	J	
		VMP-41-30-050216	5/2/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-41-30-072816	7/28/2016	<0.01	U		<0.006	U		<0.0068	J	U	<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-41-30-072816-DUP	7/28/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-41-26-102416	10/24/2016	<0.009	J	U	0.0023	J		<0.0058	U		<0.0091	U		<0.0083	U		0.0019	J		<0.051	U		0.0026	J	
		VMP-41-30-072712	7/27/2012	0.12			0.0032	J		0.00082	J		<0.0073	U		<0.0067	U		0.0081			<0.041	U		0.0062		
		VMP-41-30-072815	7/28/2015	<0.012	J	U	<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	0.022		J	0.0046			0.0011	J		<0.0066	U		<0.006	U		0.026			<0.036	U		0.051		J
		VMP-42-10-041812-Dup	4/18/2012	0.048		J	0.0046			<0.0043	U		<0.0067	U		<0.0061	U		0.02			<0.037	U		0.02		J
		VMP-42-10-071912	7/19/2012	0.061			0.0043			0.0027	J		<0.0073	U		<0.0067	U		0.0076			<0.041	U		0.0065		
		VMP-42-10-101212	10/12/2012	0.036			<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		<0.0063	U		<0.066	U		<0.0054	U	
		VMP-42-10-013113	1/31/2013	0.0022	J		<0.0061	U		<0.0069	J	U	<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.00093	J	
		VMP-42-10-043013	4/30/2013	0.0046	J		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	J	U
		VMP-42-20-043013	4/30/2013	0.0042	J		<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U		<0.0054	U	
		VMP-42-10-080213	8/2/2013	<0.012	U		<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		0.0037	J		<0.065	U		0.0039	J	
		VMP-42-10-102913	10/29/2013	0.0031	J		0.0013	J		0.00089	J		0.00064	J		<0.0094	U		0.00085	J		<0.058	U		0.00068	J	
		VMP-42-10-020714	2/7/2014	<0.0091	U	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-42-10-042214	4/22/2014	<0.0095	J	U	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0024	J		<0.054	U		<0.0044	U	
		VMP-42-10-080614	8/6/2014	<0.0094	U		<0.0054	U		0.0013	J		<0.0095	U		<0.0087	U		0.028			<0.053	U		0.0085		
		VMP-42-10-110414	11/4/2014	0.0049	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.002	J		<0.056	U		<0.0046	U	
		VMP-42-10-020315	2/3/2015	0.0051	J		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-42-10-042915	4/29/2015	0.0066	J		<0.0054	U		<0.0062	U		0.0014	J		<0.0088	U		<0.0051	U		<0.054	U		0.0012	J	
		VMP-42-10-072115	7/21/2015	0.0057	J	J	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-42-10-102715	10/27/2015	<0.0092	J	U	<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-42-10-020116	2/1/2016	0.0044	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-42-10-042616	4/26/2016	<0.011	U		0.021			0.0035	J		<0.011	U		<0.0098	U		0.051			<0.06	U		0.094		
		VMP-42-10-072616	7/26/2016	<0.011	U		0.0033	J		<0.0072	U		<0.011	U		<0.01	U		0.0042	J		<0.063	U		0.0023	J	
		VMP-42-10-102716	10/27/2016	<0.0097	J	U	<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		0.00056	J	
	20 ft	VMP-42-20-041812	4/18/2012	4.4		J	0.77	J		<2.2	U		<3.4	U		<3.1	U		<1.8	U		<19	U		9.3		
		VMP-42-20-071912	7/19/2012	0.053			0.0087			0.0042	J		<0.0072	U		<0.0065	U		0.039			<0.04	U		0.03		
		VMP-42-20-101212	10/12/2012	0.0091	J	J	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-42-20-101212-Dup	10/12/2012	0.036		J	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0018	J	
		VMP-42-20-013113	1/31/2013	0.0045	J		<0.0056	U		<0.0063	J	U	<0.0099	U		<0.009	U		0.0039	J		<0.055	U		0.0045		
		VMP-42-20-080213	8/2/2013	<0.01	J	U	<0.0061	U		0.0013	J		<0.011	U		<0.0098	U		0.0033	J		<0.06	U		0.0032	J	
		VMP-42-20-102913	10/29/2013	0.0034	J		0.00052	J		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		0.00049	J	
		VMP-42-20-020714	2/7/2014	<0.0094	U	UJ	<0.0054	U		0.0042	J		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
		VMP-42-20-042214	4/22/2014	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-42-20-080614	8/6/2014	0.0046	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		0.0082			<0.055	U		<0.0046	U	
		VMP-42-20-110414	11/4/2014	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
		VMP-42-20-020315	2/3/2015	<0.011	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.0051	U	
		VMP-42-20-042915	4/29/2015	0.011	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		0.0015	J	
		VMP-42-20-072115	7/21/2015	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-42-20-102715	10/27/2015	0.056			<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-42-20-020116	2/1/2016	0.018			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-42-20-042616	4/26/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-42-20-072616	7/26/2016	<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0052	U	
		VMP-42-20-102676	10/27/2016	<0.01	J	U	0.003	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
	30 ft	VMP-42-30-041912	4/19/2012	<7	U		<4	U		<4.6	U		<7.2	U		<6.5	U		<3.8	U		<40	U		51		
		VMP-42-30-071912	7/19/2012	0.074		J	0.0073		J	0.0099		J	<0.0067	U		<0.0061	U		<0.0036	U		<0.037	U		0.077		J
		VMP-42-30-101212	10/12/2012	0.011			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0036	J		<0.062	U		0.06		
		VMP-42-30-101212-Dup	10/12/2012	0.01	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0031	J		<0.062	U		0.057		
		VMP-42-30-013113	1/31/2013	0.0038	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0013	J		<0.059	U		0.0018	J	
		VMP-42-30-043013	4/30/2013	0.0028	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	J	U
		VMP-42-30-080213	8/2/2013	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0025	J		<0.062	U		0.0039	J	
		VMP-42-30-102913	10/29/2013	0.0021	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.00046	J		<0.057	U		0.00095	J	
		VMP-42-30-102913-Dup	10/29/2013	0.0031	J		<0.0058	U		<0.0065	U		0.00062	J		<0.0093	U		<0.0054	U		<0.056	U		0.00058	J	
		VMP-42-30-020714	2/7/2014	<0.0085	U	UJ	0.0025	J		0.0063			<0.0086	U		<0.0079	U		0.022		J	<0.048	U		0.0099		
		VMP-42-30-020714-Dup	2/7/2014	<0.0087	U	UJ	0.0025	J		0.0063			<0.0088	U		<0.008	U		0.034		J	<0.049	U		0.01		
		VMP-42-30-042214	4/22/2014	0.019			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0024	J	
		VMP-42-30-042214-Dup	4/22/2014	<0.0093	J	U	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		0.0012	J	
		VMP-42-30-080614	8/6/2014	0.0058	J		<0.0058	U		0.0022	J		<0.01	U		<0.0094	U		0.0034	J		<0.057	U		0.0077		
		VMP-42-30-110414	11/4/2014	0.0043	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-42-30-020315	2/3/2015	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-42-30-042915	4/29/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-42-30-080315	8/3/2015	0.0047	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-42-30-080315-DUP	8/3/2015	0.0085	J	J	<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-42-30-102715	10/27/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-42-30-020116	2/1/2016	0.045			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-42-30-042616	4/26/2016	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		0.00085	J		<0.068	U		<0.0056	U	
		VMP-42-30-072616	7/26/2016	0.011			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-42-30-102716	10/27/2016	0.022			<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.00094	J	
		VMP-42-30-102716-Dup	10/27/2016	<0.019	J	U	<0.011	U		<0.012	U		<0.019	U		<0.018	U		<0.01	U		<0.11	U		0.0014	J	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	0.05		J	0.0036	J		0.0022	J		<0.0075	U		<0.0068	U		0.019			<0.042	U		0.03		
		VMP-43-10-071912	7/19/2012	0.064			0.009			0.0042	J		<0.014	U		<0.013	U		0.024			<0.08	U		0.021		
		VMP-43-10-101612	10/16/2012	0.0081	J		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	
		VMP-43-10-051713	5/17/2013	0.0099	J		0.012			0.0083		J	<0.012	U		<0.011	U		0.0029	J		<0.065	U		0.0094		
		VMP-43-10-080913	8/9/2013	0.0062	J		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	
		VMP-43-10-111313	11/13/2013	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
		VMP-43-10-022714	2/27/2014	0.014			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		0.0022	J		<0.052	U		0.0018	J	
		VMP-43-10-050514	5/5/2014	0.0067	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0021	J	
		VMP-43-10-080614	8/6/2014	0.0095	J	J	<0.0057	U	UJ	<0.0064	U	UJ	<0.01	U	UJ	<0.0092	U	UJ	0.0014	J	J	<0.056	U	UJ	0.0013	J	J
		VMP-43-10-021015	2/10/2015	<0.0083	J	U	<0.0048	U		0.0014	J	J	<0.0084	U		<0.0077	U		<0.0045	U		<0.047	U		0.00079	J	
		VMP-43-10-050515	5/5/2015	0.012			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-43-10-072115	7/21/2015	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-43-10-102915	10/29/2015	0.01	J		<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		<0.0063	U		<0.066	U		<0.0054	U	
		VMP-43-10-020116	2/1/2016	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	ND,UJ	UJ	<0.0052	U	
		VMP-43-10-042716	4/27/2016	0.01	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0036	J	
		VMP-43-10-072716	7/27/2016	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-43-10-102616	10/26/2016	0.022			0.052			0.0067			<0.0087	U		<0.008	U		0.0027	J		<0.049	U		0.0035	J	
	20 ft	VMP-43-20-041612	4/16/2012	<0.072	U		0.014	J		0.017	J		<0.073	U		<0.067	U		0.24			<0.41	U		1.9		
		VMP-43-20-071912	7/19/2012	0.13			0.0065	J		<0.017	U		<0.026	U		<0.024	U		0.0063	J		<0.15	U		0.024		
		VMP-43-20-101812	10/18/2012	0.063			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-43-20-012413	1/24/2013	0.0037	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-43-20-043013	4/30/2013	0.014			<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		0.002	J		<0.067	U		0.0022	J	
		VMP-43-20-080913	8/9/2013	0.0095	J		<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		<0.0063	U		<0.066	U		0.0019	J	
		VMP-43-20-102913	10/29/2013	0.013			<0.0057	U		<0.0064	U		0.0006	J		<0.0092	U		0.00086	J		<0.056	U		0.0054		
		VMP-43-20-022714	2/27/2014	0.022			0.022			0.66			<0.01	U		<0.0092	U		0.0024	J		<0.056	U		0.0014	J	
		VMP-43-20-081314	8/13/2014	0.0055	J	J	<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-43-20-110614	11/6/2014	0.21	J	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		0.0015	J		<0.053	U		0.0022	J	
		VMP-43-20-021215	2/12/2015	<0.0092	J	U	0.0014	J		<0.006	U		<0.0094	U		<0.0086	U		0.0018	J		<0.052	U		0.0034	J	
		VMP-43-20-021215-DUP	2/12/2015	<0.0092	U		0.0015	J		<0.006	U		<0.0094	U		<0.0085	U		0.0016	J		<0.052	U		0.0032	J	
		VMP-43-20-050515	5/5/2015	0.0052	J		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-43-20-072115	7/21/2015	<0.013	J	U	<0.0073	U		<0.0082	U		<0.013	U		<0.012	U		<0.0069	U		<0.072	U		<0.0059	U	
		VMP-43-20-102915	10/29/2015	0.0073	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.0014	J		<0.051	U		<0.0042	U	
		VMP-43-20-102915-DUP	10/29/2015	0.009			0.0011	J		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-43-20-020116	2/1/2016	0.008	J		<0.0092	U		<0.01	U		<0.016	U		<0.015	U		<0.0086	U		<0.09	ND,UJ	UJ	<0.0074	U	
		VMP-43-20-042716	4/27/2016	0.0063	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		0.0023	J	
		VMP-43-20-072716	7/27/2016	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-43-20-102616	10/26/2016	0.0086	J		0.016			<0.0064	J	U	<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.00092	J	
	30 ft	VMP-43-30-042312	4/23/2012	0.14			<0.038	U		<0.043	U		<0.067	U		<0.061	U		<0.036	U		<0.37	U		0.12		
		VMP-43-30-071912	7/19/2012	0.087			0.0075			0.0052			<0.0073	U		<0.0067	U		0.013			<0.041	U		0.015		
		VMP-43-30-101812	10/18/2012	0.014			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0046	J	
		VMP-43-30-012413	1/24/2013	0.0066	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-43-30-043013	4/30/2013	0.022			<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-43-30-080913	8/9/2013	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-43-30-102913	10/29/2013	0.019			0.00029	J		<0.006	U		<0.0094	U		<0.0086	U		0.00054	J		<0.052	U		0.0015	J	
		VMP-43-30-022714	2/27/2014	0.03			<0.0052	U		<0.0059	J	U	<0.0092	U		<0.0084	U		0.0012	J		<0.051	U		0.0013	J	
		VMP-43-30-022714-Dup	2/27/2014	0.043			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.0016	J		<0.051	U		0.0018	J	
		VMP-43-30-042214	4/22/2014	<0.01	J	U	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0034	J		<0.059	U		<0.0049	U	
		VMP-43-30-080614	8/6/2014	0.013			<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		0.0017	J		<0.062	U		0.0028	J	
		VMP-43-30-050515	5/5/2015	0.0097	J		0.0048	J		0.002	J		<0.011	U		<0.01	U		0.008			<0.064	U		0.0098		
		VMP-43-30-050515-DUP	5/5/2015	<0.0098	U		0.0019	J		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		0.0023	J	
		VMP-43-30-072115	7/21/2015	0.01			<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-43-30-102915	10/29/2015	0.0047	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-43-30-020116	2/1/2016	0.12			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-43-30-042716	4/27/2016	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-43-30-042716-DUP	4/27/2016	<0.011	U		0.0024	J		0.0026	J		<0.011	U		<0.0098	U		0.0035	J		<0.06	U		0.006		
		VMP-43-30-072716	7/27/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-43-30-102616	10/26/2016	0.017			0.0024	J		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0015	J	
		VMP-43-30-102616-Dup	10/26/2016	0.011			0.0022	J		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0012	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	<3.4	U		<2	U		<2.2	U		<3.5	U		<3.2	U		39			<20	U		86		
		VMP-44-10-072012	7/20/2012	<1.2	U		0.1	J	J	0.51	J	J	<1.2	U		<1.1	U		73		J	<6.5	U		120		J
		VMP-44-10-081012	8/10/2012	<0.69	U		0.24	J	J	0.4	J	J	<0.7	U		<0.64	U		61		J	<3.9	U		110		J
		VMP-44-10-101212	10/12/2012	<2.1	U		0.19	J		<1.4	U		<2.2	U		<2	U		7.8			<12	U		10		
		VMP-44-10-012513	1/25/2013	<0.87	U		<0.5	U		<0.56	U		<0.88	U		<0.8	U		<0.47	U		<4.9	U		5.1		
		VMP-44-10-042913	4/29/2013	<0.8	U		<0.46	U		<0.52	U		<0.81	U		<0.74	U		0.21	J		<4.5	U		0.3	J	
		VMP-44-10-080213	8/2/2013	<0.011	U		0.0039	J		<0.0072	U		0.0018	J		<0.01	U		0.031			<0.062	U		0.1		
		VMP-44-10-082313-R	8/23/2013	<0.012	U		<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		0.0046	J		<0.066	U		0.0038	J	
		VMP-44-10-111113	11/11/2013	<0.024	U		<0.0056	U		0.0014	J		<0.0099	U		<0.009	U		0.0032	J		<0.055	U		0.006		
		VMP-44-10-022814	2/28/2014	0.0058	J	J	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		0.001	J	
		VMP-44-10-043014	4/30/2014	0.0065	J		<0.005	U		<0.0056	U		0.0023	J		<0.008	U		0.01			<0.049	U		0.013		
		VMP-44-10-080614	8/6/2014	0.0094	J		0.0025	J		0.01			<0.012	U		<0.011	U		0.0027	J		<0.065	U		0.0016	J	
		VMP-44-10-110414	11/4/2014	0.0052	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-44-10-020415	2/4/2015	0.0044	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-44-10-050115	5/1/2015	0.005	J		<0.006	U		0.0022	J		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0024	J	
		VMP-44-10-072415	7/24/2015	0.015		J	<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-44-10-102815	10/28/2015	0.014			<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U	
		VMP-44-10-012516	1/25/2016	0.036			<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-44-10-042816	4/28/2016	<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-44-10-072716	7/27/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-44-10-102716	10/27/2016	0.0074	J		0.002	J		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
	20 ft	VMP-44-20-041912	4/19/2012	<0.76	U		1.1			0.33	J	J	<0.77	U		<0.7	U		110			<4.3	U		270		
		VMP-44-20-072512	7/25/2012	<1.3	U		<0.74	U		<0.84	U		<1.3	U		<1.2	U		100		J	<7.3	U		250		J
		VMP-44-20-101212	10/12/2012	0.68	J		<2.5	U		<2.8	U		<4.4	U		<4	U		1.7	J		<24	U		21		
		VMP-44-20-012513	1/25/2013	<0.31	U		<0.18	U		<0.2	U		<0.32	U		<0.29	U		<0.17	U		<1.8	U		0.38		
		VMP-44-20-042913	4/29/2013	<0.36	U		<0.21	U		<0.23	U		<0.36	U		<0.33	U		<0.19	U		<2	U		0.14	J	
		VMP-44-20-081313	8/13/2013	<0.022	U		<0.013	U		0.0031	J		<0.023	U		<0.021	U		<0.012	U		<0.13	U		<0.01	U	
		VMP-44-20-111113	11/11/2013	<0.025	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		0.0014	J		<0.056	U		0.0019	J	
		VMP-44-20-022814	2/28/2014	0.025	J	J	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.00079	J	
		VMP-44-20-043014	4/30/2014	<0.018	J	U	<0.01	U		<0.012	U		<0.018	U		<0.016	U		0.0041	J		<0.1	U		0.0024	J	
		VMP-44-20-080614	8/6/2014	<0.011	U		<0.0063	U		0.0017	J		<0.011	U		<0.01	U		<0.006	U		<0.062	U		<0.0051	U	
		VMP-44-20-110414	11/4/2014	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-44-20-020415	2/4/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-44-20-051115	5/11/2015	0.0062	J		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-44-20-072415	7/24/2015	0.024		J	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-44-20-102815	10/28/2015	0.014			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-44-20-020216-R	2/2/2016	0.0074	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		0.004	J		<0.058	U		0.002	J	
		VMP-44-20-042816	4/28/2016	0.011	J		<0.0069	U		<0.0079	U		<0.012	U		<0.011	U		0.0072			<0.068	U		0.0025	J	
		VMP-44-20-072716	7/27/2016	0.015			0.0025	J		<0.008	U		<0.012	U		<0.011	U		0.0022	J		<0.07	U		0.0014	J	
		VMP-44-20-102716	10/27/2016	0.0095	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
	30 ft	VMP-44-30-041912	4/19/2012	<0.44	U		1.6			0.52	J	J	<0.45	U		<0.41	U		3.3			<2.5	U		16		
		VMP-44-30-072512	7/25/2012	0.094	J	J	0.82			0.17			<0.075	U		<0.068	U		0.94			<0.42	U		3.3		
		VMP-44-30-072512-Dup	7/25/2012	0.092	J	J	0.83			0.16			<0.075	U		<0.068	U		0.96			<0.42	U		3.3		
		VMP-44-30-101512	10/15/2012	<0.46	U		<0.26	U		<0.3	U		<0.46	U		<0.42	U		0.63			<2.6	U		4.8		
		VMP-44-30-101512-Dup	10/15/2012	<0.42	U		<0.24	U		<0.28	U		<0.43	U		<0.39	U		0.6			<2.4	U		4.7		
		VMP-44-30-012513	1/25/2013	<0.11	J	UJ	<0.063	U	UJ	<0.072	U	UJ	<0.11	U	UJ	<0.1	U	UJ	<0.06	U	UJ	<0.62	U	UJ	0.017	J	J
		VMP-44-30-043013	4/30/2013	0.012	J		0.12			0.046			<0.039	U		<0.036	U		0.29			<0.22	U		0.81		
		VMP-44-30-081313	8/13/2013	<0.011	U		0.0028	J		<0.007	U		<0.011	U		<0.01	U		0.002	J		<0.061	U		0.0022	J	
		VMP-44-30-111113	11/11/2013	0.0079	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		0.0023	J		<0.055	U		0.0011	J	
		VMP-44-30-022814	2/28/2014	0.013	J	J	<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-44-30-043014	4/30/2014	<0.0092	J	U	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		0.0018	J		<0.052	U		<0.0043	U	
		VMP-44-30-080614	8/6/2014	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-44-30-110414	11/4/2014	0.0033	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-44-30-020415	2/4/2015	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-44-30-051115	5/11/2015	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		0.0021	J	
		VMP-44-30-072415	7/24/2015	0.013		J	0.0019	J		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-44-30-102815	10/28/2015	0.013			<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U	
		VMP-44-30-012516	1/25/2016	0.01			<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		0.0014	J	
		VMP-44-30-050516	5/5/2016	<0.013	U		<0.0076	U		<0.0086	U		<0.013	U		<0.012	U		<0.0071	U		<0.074	U		<0.0061	U	
		VMP-44-30-072716	7/27/2016	<0.012	U		<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U		<0.0054	U	
		VMP-44-30-102716	10/27/2016	0.014			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	0.019		J	0.0017	J		<0.0045	U		<0.007	U		<0.0064	U		0.0022	J		<0.039	U		0.0041		
		VMP-45-10-071912	7/19/2012	0.042			0.0055			0.0019	J		<0.0072	U		<0.0065	U		0.013			<0.04	U		0.001	J	
		VMP-45-10-101512	10/15/2012	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	U		0.001	J	
		VMP-45-10-013013	1/30/2013	0.022			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0012	J		<0.054	U		0.002	J	
		VMP-45-10-042913	4/29/2013	0.006	J		0.0034	J		<0.0071	J	U	<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-45-10-080513	8/5/2013	<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		0.0012	J	
		VMP-45-10-102913	10/29/2013	<0.0096	J	U	<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		0.00046	J		0.0015	J		0.00062	J	
		VMP-45-10-020714	2/7/2014	<0.0096	U	UJ	<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-45-10-042214	4/22/2014	<0.0095	J	U	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-45-10-080114	8/1/2014	0.01	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-45-10-102414	10/24/2014	0.048		J	<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		0.0018	J		<0.054	U		0.0025	J	
		VMP-45-10-020615	2/6/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-45-10-051215	5/12/2015	0.0025	J		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0062		
		VMP-45-10-072115	7/21/2015	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0032	J		<0.057	U		0.01		
		VMP-45-10-102815	10/28/2015	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-45-10-030916-R	3/9/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-45-10-042816	4/28/2016	<0.011	J	U	0.0089			0.0013	J		<0.011	U		<0.01	U		0.018			<0.063	U		0.024		
		VMP-45-10-082616	8/26/2016	0.027			<0.0048	U		<0.0054	U		<0.0084	U		<0.0077	U		0.0052			<0.047	U		0.0061		
		VMP-45-10-102816	10/28/2016	0.0039	J	J	0.00094	J		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
	20 ft	VMP-45-20-041912	4/19/2012	0.18	J		3.8			0.7			<0.44	U		<0.4	U		<0.23	U		<2.4	U		0.73		
		VMP-45-20-071912	7/19/2012	0.4			0.022	J		<0.088	U		<0.14	U		<0.12	U		0.074			<0.76	U		0.06	J	
		VMP-45-20-101512	10/15/2012	0.0044	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0018	J		<0.059	U		0.0039	J	
		VMP-45-20-013013	1/30/2013	0.0035	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-45-20-042913	4/29/2013	0.004	J		0.011			<0.0075	J	U	<0.012	U		<0.011	U		0.014			<0.065	U		0.012		
		VMP-45-20-042913-Dup	4/29/2013	0.0021	J		0.013			0.006	J		<0.011	U		<0.01	U		0.019			<0.064	U		0.019		
		VMP-45-20-080513	8/5/2013	<0.011	J	U	<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-45-20-102913	10/29/2013	0.0094	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.00059	J		<0.059	U		0.00096	J	
		VMP-45-20-020714	2/7/2014	<0.01	U	UJ	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-45-20-042214	4/22/2014	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-45-20-080114	8/1/2014	0.014			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0018	J	
		VMP-45-20-102414	10/24/2014	0.035		J	<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		0.0012	J	
		VMP-45-20-020615	2/6/2015	0.0036	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-45-20-042915	4/29/2015	<0.011	U		0.0032	J		0.0034	J		<0.011	U		<0.01	U		0.0022	J		<0.063	U		0.0065		
		VMP-45-20-072115	7/21/2015	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		0.0015	J		<0.068	U		0.0024	J	
		VMP-45-20-102815	10/28/2015	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-45-20-012516	1/25/2016	0.0058	J		<0.0057	U		<0.0065	U		0.0017	J		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-45-20-042816	4/28/2016	0.031			0.0024	J		<0.0052	U		<0.0082	U		<0.0074	U		<0.0044	U		<0.045	U		0.0011	J	
		VMP-45-20-072716	7/27/2016	<0.012	U		<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-45-20-102816	10/28/2016	0.007	J	J	<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
	30 ft	VMP-45-30-041912	4/19/2012	<0.29	U		<0.16	U		0.052	J	J	<0.29	U		<0.27	U		3.1		J	<1.6	U		0.57		J
		VMP-45-30-071912	7/19/2012	<0.072	U		<0.041	U		<0.047	U		<0.073	U		<0.067	U		<0.039	U		<0.41	U		<0.034	U	
		VMP-45-30-101512	10/15/2012	0.0035	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0044	J	
		VMP-45-30-101512-Dup	10/15/2012	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0035	J	
		VMP-45-30-013013	1/30/2013	0.016	J		<0.01	U		<0.012	U		<0.018	U		<0.017	U		<0.0099	U		<0.1	U		0.0028	J	
		VMP-45-30-042913	4/29/2013	<0.022	U		0.0044	J		<0.014	J	U	<0.022	U		<0.02	U		<0.012	U		<0.12	U		<0.01	U	
		VMP-45-30-080513	8/5/2013	<0.045	U		<0.026	U		<0.029	U		<0.046	U		<0.042	U		<0.024	U		<0.26	U		<0.021	U	
		VMP-45-30-102913	10/29/2013	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	ND,UJ	UJ	0.0071		
		VMP-45-30-020714	2/7/2014	<0.009	U	UJ	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-45-30-042214	4/22/2014	0.022			0.0048	J		0.0047	J		<0.01	U		<0.0092	U		0.0049	J		<0.056	U		0.012		
		VMP-45-30-080114	8/1/2014	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0052		
		VMP-45-30-102414	10/24/2014	0.029		J	0.0022	J		0.0026	J		<0.011	U		<0.01	U		<0.006	U		<0.062	U		0.0022	J	
		VMP-45-30-111214-R	11/12/2014	<0.009	U		0.0054			<0.0059	J	U	<0.0092	U		<0.0084	U		0.0088			<0.051	U		0.022		
		VMP-45-30-020615	2/6/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0037	J		<0.056	U		0.01		
		VMP-45-30-020615-DUP	2/6/2015	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0034	J		<0.055	U		0.0097		
		VMP-45-30-042915	4/29/2015	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0029	J	
		VMP-45-30-072115	7/21/2015	0.022		J	<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		0.0041	J		<0.065	U		0.0074		
		VMP-45-30-072115-DUP	7/21/2015	<0.011	J	U	<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0038	J		<0.062	U		0.0069		
		VMP-45-30-102815	10/28/2015	0.0054	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		0.0016	J		<0.051	U		0.0031	J	
		VMP-45-30-012516	1/25/2016	0.014			0.0039	J		0.0056	J		<0.011	U		<0.0097	U		0.0017	J		<0.059	U		0.0021	J	
		VMP-45-30-042816	4/28/2016	<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-45-30-042816-DUP	4/28/2016	<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		0.00086	J	
		VMP-45-30-072716	7/27/2016	0.0058	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-45-30-102816	10/28/2016	0.0084	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		0.00084	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	0.01	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0019	J	
		VMP-47-5-012313-R	1/23/2013	<36	U		<21	U		<24	U		<37	U		<34	U		<20	U		<210	U		<17	U	
		VMP-47-5-060513	6/5/2013	<23	U		5.5	J		7.8	J		<24	U		<22	U		<13	U		<130	U		28		
		VMP-47-5-072613	7/26/2013	0.018			0.006			0.0025	J		<0.01	U		<0.0092	U		0.0075			<0.056	U		0.0082		
		VMP-47-5-110813	11/8/2013	<0.068	U		0.31			7.1			<0.069	U		<0.063	U		0.071			<0.39	U		0.058		
		VMP-47-5-021814	2/18/2014	<0.0097	U	UJ	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-47-5-042914	4/29/2014	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-47-5-081314	8/13/2014	20	E J	J	0.26			0.079			<0.024	U		0.019	J		<0.013	U		<0.13	U		0.25		
		VMP-47-5-093014-R	9/30/2014	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		0.0012	J	
		VMP-47-5-102814	10/28/2014	<0.012	ND,UJ	UJ	<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U		<0.0054	U	
		VMP-47-5-020215	2/2/2015	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-47-5-042815	4/28/2015	0.01	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	ND,UJ	UJ	0.0023	J	
		VMP-47-5-072115	7/21/2015	0.01	J	J	<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		0.0028	J		<0.066	U		0.0033	J	
		VMP-47-5-102715	10/27/2015	<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-47-5-012916	1/29/2016	0.01	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-47-5-042516	4/25/2016	0.0077	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	J	U	<0.063	U		<0.0052	J	U
		VMP-47-5-072516	7/25/2016	<0.011	U		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		0.0017	J	
		VMP-47-5-102616	10/26/2016	0.016			0.0019	J		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		0.0021	J	
	10 ft	VMP-47-10-012113	1/21/2013	0.01			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-47-10-012313-R	1/23/2013	<0.91	U		<0.52	U		<0.59	U		<0.93	U		<0.84	U		<0.5	U		<5.2	U		1.7		
		VMP-47-10-060513	6/5/2013	<22	U		<12	U		<14	U		<22	U		<20	U		<12	U		<120	U		12		
		VMP-47-10-072613	7/26/2013	<10	U		<5.8	U		<6.6	U		<10	U		<9.4	U		<5.5	U		<57	U		3	J	
		VMP-47-10-110813	11/8/2013	<0.042	U		0.011	J		0.42			<0.042	U		<0.039	U		0.035			<0.24	U		0.014	J	
		VMP-47-10-021814	2/18/2014	<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-47-10-042914	4/29/2014	<0.01	U		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		0.0022	J		<0.058	U	UJ	0.0016	J	
		VMP-47-10-073114	7/31/2014	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-47-10-102814	10/28/2014	0.007	J	J	0.00086	J		<0.0053	U		0.0016	J		<0.0076	U		0.005			<0.046	U		0.003	J	
		VMP-47-10-020215	2/2/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0011	J	
		VMP-47-10-042815	4/28/2015	0.0024	J		<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	ND,UJ	UJ	<0.0053	U	
		VMP-47-10-072115	7/21/2015	<0.012	J	U	<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-47-10-102715	10/27/2015	0.01	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-47-10-012916	1/29/2016	<0.009	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-47-10-042516	4/25/2016	<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0052	U	
		VMP-47-10-080216	8/2/2016	<0.0084	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-47-10-102616	10/26/2016	0.021			0.0025	J		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.0012	J	
	20 ft	VMP-47-20-012113	1/21/2013	<9.5	U		<5.5	U		<6.2	U		<9.6	U		<8.8	U		<5.2	U		<54	U		<4.4	U	
		VMP-47-20-012313-R	1/23/2013	<22	U		<13	U		<15	U		<23	U		<21	U		<12	U		<130	U		20		
		VMP-47-20-060513	6/5/2013	<22	U		<13	U		<14	U		<22	U		<20	U		<12	U		<120	U		10		
		VMP-47-20-060513-Dup	6/5/2013	<20	U		<12	U		<13	U		<21	U		<19	U		<11	U		<120	U		11		
		VMP-47-20-072613	7/26/2013	<19	U		<11	U		<12	U		<19	U		<18	U		<10	U		<110	U		9.8		
		VMP-47-20-110813	11/8/2013	0.0054	J		0.011			0.3			<0.0096	U		<0.0088	U		0.0016	J		<0.054	U		0.0015	J	
		VMP-47-20-021914	2/19/2014	<0.0095	U	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-47-20-042914	4/29/2014	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U	UJ	<0.0047	U	
		VMP-47-20-073114	7/31/2014	0.006	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-47-20-102814	10/28/2014	<0.011	ND,UJ	UJ	<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		0.0021	J		<0.064	U		<0.0053	U	
		VMP-47-20-020215	2/2/2015	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-47-20-042815	4/28/2015	0.0017	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	ND,UJ	UJ	<0.0051	U	
		VMP-47-20-072115	7/21/2015	<0.011	J	U	<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		0.0044	J		<0.065	U		0.015		
		VMP-47-20-102715	10/27/2015	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-47-20-012916	1/29/2016	0.0078	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		0.0046	J		<0.051	U		0.0053		
		VMP-47-20-042516	4/25/2016	0.0072	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-47-20-072516	7/25/2016	<0.011	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		0.0039	J		<0.061	U		0.0016	J	
		VMP-47-20-102616	10/26/2016	0.014			0.0069			<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0014	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	30 ft	VMP-47-30-012113	1/21/2013	<6.9	U		<4	U		<4.5	U		<7	U		<6.4	U		<3.8	U		<39	U		<3.2	U	
		VMP-47-30-012313-R	1/23/2013	<36	U		<21	U		<23	U		<36	U		<33	U		<20	U		<200	U		<17	U	
		VMP-47-30-060513	6/5/2013	<22	U		<13	U		<14	U		<22	U		<20	U		<12	U		<120	U		12		
		VMP-47-30-072613	7/26/2013	<40	U		<23	U		<26	U		<41	U		<37	U		<22	U		<230	U		32		
		VMP-47-30-110813	11/8/2013	<0.097	U		<0.056	U		0.043	J		<0.099	U		<0.09	U		<0.053	U		<0.55	U		<0.045	U	
		VMP-47-30-021914	2/19/2014	<0.01	U	UJ	<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-47-30-042914	4/29/2014	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U	UJ	<0.0047	U	
		VMP-47-30-042914-Dup	4/29/2014	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U	UJ	<0.0048	U	
		VMP-47-30-073114	7/31/2014	0.033			<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-47-30-073114-Dup	7/31/2014	0.028			<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-47-30-102814	10/28/2014	0.0039	J	J	0.0037	J		0.0021	J		<0.011	U		<0.01	U		0.0032	J		<0.061	U		0.014		
		VMP-47-30-102814-DUP	10/28/2014	0.0035	J	J	0.0029	J		0.0022	J		<0.011	U		<0.0098	U		0.0051	J		<0.06	U		0.011		
		VMP-47-30-020215	2/2/2015	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-47-30-020215-DUP	2/2/2015	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-47-30-042815	4/28/2015	0.003	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	ND,UJ	UJ	0.0023	J	
		VMP-47-30-042815-DUP	4/28/2015	0.0039	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0058	U		<0.061	ND,UJ	UJ	<0.005	U	
		VMP-47-30-072115	7/21/2015	0.018		J	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.002	J	
		VMP-47-30-102715	10/27/2015	<0.0086	J	U	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-47-30-102715-DUP	10/27/2015	0.0096			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-47-30-012916-DUP	1/29/2016	<0.0094	U		0.0047	J		0.0018	J	J	<0.0095	U		<0.0087	U		0.0085			<0.053	U		0.02		
		VMP-47-30-042516	4/25/2016	0.013			0.013			0.015			<0.011	U		<0.01	U		<0.006	J	U	<0.062	U		0.0042	J	
		VMP-47-30-042516-DUP	4/25/2016	0.003	J		<0.0072	U		<0.0082	U		<0.013	U		<0.012	U		<0.0068	J	U	<0.071	U		<0.0059	J	U
		VMP-47-30-072516	7/25/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-47-30-102616	10/26/2016	0.009	J		0.032			0.0034	J		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	0.0046	J		<0.0056	U		<0.0063	J	U	<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-48-5-050313	5/3/2013	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0011	J	
		VMP-48-5-080613	8/6/2013	0.027		J	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-48-5-110513	11/5/2013	0.011			0.0034	J		0.0039	J		<0.01	U		<0.0091	U		0.0017	J		<0.056	U		0.00072	J	
		VMP-48-5-022814	2/28/2014	0.026	J	J	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		0.001	J	
		VMP-48-5-042814	4/28/2014	<0.0098	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-48-5-080114	8/1/2014	0.012			<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	U	
		VMP-48-05-102914	10/29/2014	0.014			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.002	J		<0.06	U		0.002	J	
		VMP-48-5-020215	2/2/2015	0.0088	J		<0.0059	U		0.0036	J		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-48-5-042815	4/28/2015	0.0081	J		0.0018	J		0.0027	J		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		0.0018	J	
		VMP-48-5-072115	7/21/2015	0.025			<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-48-5-102015	10/20/2015	0.0063	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	ND,UJ	UJ	<0.0048	U	
		VMP-48-5-012916	1/29/2016	0.011	J		<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.067	U		<0.0056	U	
		VMP-48-5-042516	4/25/2016	0.0042	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	J	U
		VMP-48-5-072516	7/25/2016	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-48-5-102616	10/26/2016	0.017			0.0022	J		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		<0.004	J	U
	10 ft	VMP-48-10-020113	2/1/2013	0.0053	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.00089	J	
		VMP-48-10-050813	5/8/2013	0.005	J		<0.0064	U		0.0042	J		<0.011	U		<0.01	U		0.0017	J		<0.062	U		0.0036	J	
		VMP-48-10-080613	8/6/2013	0.0088	J	J	0.0027	J		<0.0064	U		<0.01	U		<0.0091	U		0.0018	J		<0.055	U		0.0035	J	
		VMP-48-10-103113	10/31/2013	0.0017	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		0.0021	J		<0.059	U		0.00097	J	
		VMP-48-10-021814	2/18/2014	<0.0093	U	UJ	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-48-10-042814	4/28/2014	<0.0091	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-48-10-080114	8/1/2014	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-48-10-102914	10/29/2014	<0.0088	J	U	<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0013	J	
		VMP-48-10-020215	2/2/2015	<0.0092	U		0.0026	J		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-48-10-042815	4/28/2015	0.0052	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0017	J		<0.058	U		0.0069		
		VMP-48-10-042815-DUP	4/28/2015	0.007	J		0.0017	J		0.0016	J		<0.0098	U		<0.009	U		0.0021	J		<0.055	J	U	0.0053		
		VMP-48-10-072115	7/21/2015	<0.01	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-48-10-102015	10/20/2015	0.0061	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0026	J		<0.058	ND,UJ	UJ	0.0031	J	
		VMP-48-10-012916	1/29/2016	0.0053	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-48-10-042516	4/25/2016	0.013			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	J	U	<0.056	U		<0.0046	J	U
		VMP-48-10-072516	7/25/2016	0.0043	J		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.00074	J	
		VMP-48-10-102616	10/26/2016	<0.0095	J	U	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	J	U
	20 ft	VMP-48-20-020113	2/1/2013	0.0068	J		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		0.0018	J	
		VMP-48-20-103113	10/31/2013	0.0041	J		0.00046	J		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0003	J	
		VMP-48-20-021814	2/18/2014	<0.0099	U	UJ	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-48-20-042814	4/28/2014	<0.011	U		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-48-20-080114	8/1/2014	0.014			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-48-20-102914	10/29/2014	0.068		J	<0.006	U	UJ	<0.0068	U	UJ	<0.011	U	UJ	<0.0098	U	UJ	0.0056	J	J	<0.06	U	UJ	0.003	J	J
		VMP-48-20-111814-R	11/18/2014	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-48-20-020215	2/2/2015	<0.0086	U		<0.0049	U		<0.0056	U		<0.0087	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-48-20-042815	4/28/2015	0.0037	J		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		0.0019	J	
		VMP-48-20-102015	10/20/2015	0.013			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	ND,UJ	UJ	<0.0046	J	U
		VMP-48-20-042516	4/25/2016	0.0077	J		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.065	U		<0.0053	J	U
		VMP-48-20-102616	10/26/2016	<0.0093	J	U	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	J	U

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-48	30 ft	VMP-48-30-020113	2/1/2013	<0.0098	U		0.0021	J	J	0.012			<0.01	U		<0.0091	U		0.01			<0.056	U		0.015		
		VMP-48-30-020113-DUP	2/1/2013	<0.039	U		<0.022	U	UJ	0.012	J		<0.04	U		<0.036	U		0.0087	J		<0.22	U		0.017	J	
		VMP-48-30-050313	5/3/2013	<0.0093	U		0.0038	J		0.0023	J		<0.0094	U		<0.0086	U		0.0046	J		<0.052	U		0.012		
		VMP-48-30-080613	8/6/2013	0.0087	J	J	<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0018	J	
		VMP-48-30-110513	11/5/2013	0.0029	J		0.00042	J		0.00047	J		<0.0094	U		<0.0085	U		0.0014	J		<0.052	U		0.00069	J	
		VMP-48-30-021814	2/18/2014	<0.0099	U	UJ	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-48-30-042814	4/28/2014	0.014			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0076			<0.059	U		0.0081		
		VMP-48-30-042814-DUP	4/28/2014	0.01			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0074			<0.056	U		0.0081		
		VMP-48-30-080114	8/1/2014	0.0058	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0028	J		<0.056	U		0.0012	J	
		VMP-48-30-080114-Dup	8/1/2014	0.01			<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		0.0049	J		<0.053	U		0.0015	J	
		VMP-48-30-102914	10/29/2014	0.12		J	<0.0061	U	UJ	<0.0069	U	UJ	<0.011	U	UJ	<0.0098	U	UJ	0.0074		J	<0.06	U	UJ	0.0033	J	J
		VMP-48-30-111814-R	11/18/2014	<0.01	U		<0.006	U		0.0022	J		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-48-30-020215	2/2/2015	<0.0076	U		<0.0044	U		<0.0049	U		<0.0077	U		<0.007	U		0.0022	J		<0.043	U		0.002	J	
		VMP-48-30-042815	4/28/2015	0.0064	J		0.0033	J		<0.0073	U		0.0027	J		<0.01	U		<0.0061	U		0.0038	J		0.0035	J	
		VMP-48-30-080315	8/3/2015	0.014	J0	J	<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		0.0018	J		<0.062	U		<0.0051	U	
		VMP-48-30-102015	10/20/2015	0.019			0.0022	J		<0.0067	U		<0.01	U		<0.0095	U		0.0059			<0.058	ND,UJ	UJ	0.01		
		VMP-48-30-102015-DUP	10/20/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0043	J		<0.058	ND,UJ	UJ	0.0098		
		VMP-48-30-012916	1/29/2016	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-48-30-042516	4/25/2016	0.0073	J		0.0098			0.0077	J		<0.012	U		<0.011	U		0.02			<0.068	U		0.035		
		VMP-48-30-042516-DUP	4/25/2016	0.0063	J		0.0076			0.0062	J		<0.011	U		<0.0098	U		0.014			<0.06	U		0.029		
		VMP-48-30-072516	7/25/2016	0.0096			<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		0.0018	J	
		VMP-48-30-102616	10/26/2016	0.034		J	0.032		J	0.0032	J		<0.0091	U		<0.0083	U		0.007			<0.051	U		0.013		J
		VMP-48-30-102616-Dup	10/26/2016	<0.0097	U	UJ	<0.0056	U	UJ	<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		0.0035	J	J
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	0.0033	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-49-5-050713	5/7/2013	0.0076	J		<0.007	U		<0.0079	U		<0.012	U		<0.011	U		<0.0066	U		<0.069	U		0.0016	J	
		VMP-49-5-080613	8/6/2013	0.0036	J	J	<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		<0.0063	U		<0.066	U		<0.0054	U	
		VMP-49-5-111113	11/11/2013	<0.026	U		<0.0059	U		0.013			<0.01	U		<0.0095	U		0.001	J		<0.058	U		<0.0048	U	
		VMP-49-5-021814	2/18/2014	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-49-5-042814	4/28/2014	<0.011	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.0051	U	
		VMP-49-5-080114	8/1/2014	0.0058	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-49-5-102914	10/29/2014	0.02			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		0.0027	J		<0.053	U		0.003	J	
		VMP-49-5-102914-DUP	10/29/2014	0.015			<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		0.0032	J		<0.057	U		0.0033	J	
		VMP-49-5-020215	2/3/2015	0.0066	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-49-5-042815	4/28/2015	<0.01	U		<0.006	U		0.0067	J		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-49-5-073015	7/30/2015	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-49-5-110315	11/3/2015	0.0085	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0036	J		<0.062	U		0.0028	J	
		VMP-49-5-020116	2/1/2016	0.42			<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	J	U	<0.06	U		0.0027	J	
		VMP-49-5-042616	4/26/2016	0.0061	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		0.0038	J		<0.058	U		0.0032	J	
		VMP-49-5-080116	8/1/2016	0.012			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-49-5-102716	10/27/2016	<0.01	J	U	0.0019	J		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.00061	J	
	10 ft	VMP-49-10-020113	2/1/2013	<0.0099	U		<0.0057	J	U	<0.0065	J	U	<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0016	J	
		VMP-49-10-050713	5/7/2013	0.032		J	0.0043	J		0.0018	J		<0.01	U		<0.0096	U		0.0027	J		<0.059	U		0.0024	J	
		VMP-49-10-050713-Dup	5/7/2013	0.008	J	J	0.004	J		0.0018	J		<0.011	U		<0.01	U		0.0028	J		<0.064	U		0.0029	J	
		VMP-49-10-080613	8/6/2013	<0.012	U		<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		0.0014	J	
		VMP-49-10-103113	10/31/2013	0.005	J		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		0.0003	J	
		VMP-49-10-021814	2/18/2014	0.0077	J		<0.0054	U		0.0026	J		<0.0095	U		<0.0087	U		0.0012	J		<0.053	U		0.0017	J	
		VMP-49-10-042814	4/28/2014	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-49-10-080114	8/1/2014	0.011			<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-49-10-102914	10/29/2014	0.015			<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.0012	J	
		VMP-49-10-020215	2/3/2015	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-49-10-042815	4/28/2015	0.17			<0.008	U		<0.0091	U		<0.014	U		<0.013	U		<0.0076	U		<0.079	U	UJ	<0.0065	U	
		VMP-49-10-073015	7/30/2015	0.0064	J		<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-49-10-110315	11/3/2015	0.0084	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.003	J		<0.062	U		0.0029	J	
		VMP-49-10-020116	2/1/2016	0.082			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	J	U	<0.062	U		0.0028	J	
		VMP-49-10-042616	4/26/2016	0.0036	J		0.0019	J		<0.0079	U		<0.012	U		<0.011	U		0.003	J		<0.069	U		0.0016	J	
		VMP-49-10-080116	8/1/2016	0.017			<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-49-10-102716	10/27/2016	0.016			0.0022	J		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		0.00065	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	20 ft	VMP-49-20-020113	2/1/2013	0.0024	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0014	J		<0.055	U		0.0021	J	
		VMP-49-20-050913	5/9/2013	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		0.0083		
		VMP-49-20-080613	8/6/2013	<0.012	J	U	<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		0.0017	J		<0.066	U		0.0021	J	
		VMP-49-20-080613-Dup	8/6/2013	0.027			<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.0032	J		<0.061	U		0.0042	J	
		VMP-49-20-111113	11/11/2013	<0.024	U		<0.0056	U		0.014			<0.0098	U		<0.009	U		0.0009	J		<0.055	U		0.0016	J	
		VMP-49-20-021814	2/18/2014	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-49-20-042814	4/28/2014	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-49-20-080114	8/1/2014	<0.011	U		<0.0062	U		0.003	J		<0.011	U		<0.01	U		<0.0058	U		<0.061	U		<0.005	U	
		VMP-49-20-102914	10/29/2014	<0.012		U	<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		0.0017	J		<0.056	U		0.0013	J	
		VMP-49-20-020215	2/3/2015	0.0082	J		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-49-20-073015	7/30/2015	<0.01	U		<0.0061	U		0.0062	J		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-49-20-110315	11/3/2015	0.0053	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		0.0027	J		<0.052	U		0.0019	J	
		VMP-49-20-020116	2/1/2016	0.054			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	J	U	<0.056	U		0.0039	J	
		VMP-49-20-042616	4/26/2016	0.0069	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.003	J		<0.055	U		0.0015	J	
		VMP-49-20-080116	8/1/2016	0.0066	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0011	J	
		VMP-49-20-102716	10/27/2016	<0.0099	J	U	<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
	30 ft	VMP-49-30-020113	2/1/2013	0.19	J		<0.27	U		<0.3	U		<0.47	U		<0.43	U		<0.25	U		<2.6	U		0.073	J	
		VMP-49-30-050813	5/8/2013	<0.98	U		<0.56	U		<0.64	U		<0.99	U		<0.9	U		<0.53	U		<5.5	U		0.3	J	
		VMP-49-30-080613	8/6/2013	<0.94	U		<0.54	U		<0.62	U		<0.96	U		<0.88	U		<0.51	U		<5.4	U		<0.44	U	
		VMP-49-30-111113	11/11/2013	<0.31	U		<0.18	U		<0.2	U		<0.32	U		<0.29	U		<0.17	U		<1.8	U		<0.15	U	
		VMP-49-30-021814	2/18/2014	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.00098	J	
		VMP-49-30-021814-Dup	2/18/2014	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		0.0012	J	
		VMP-49-30-042814	4/28/2014	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-49-30-080114	8/1/2014	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-49-30-102914	10/29/2014	0.038			<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		0.0029	J		<0.06	U		0.0034	J	
		VMP-49-30-020215	2/3/2015	0.0075	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-49-30-042815	4/28/2015	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U	UJ	<0.0054	U	
		VMP-49-30-073015	7/30/2015	<1.4	U		<0.81	U		<0.92	U		<1.4	U		<1.3	U		0.95			<8	U		17		
		VMP-49-30-073015-DUP	7/30/2015	<1.4	U		0.28	J		<0.89	U		<1.4	U		<1.3	U		0.95			<7.8	U		16		
		VMP-49-30-110315	11/3/2015	0.0059	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0034	J		<0.057	U		<0.0047	U	
		VMP-49-30-110315-DUP	11/3/2015	0.0053	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-49-30-020116	2/1/2016	0.0085	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	J	U	<0.059	U		0.0034	J	
		VMP-49-30-020116-DUP	2/1/2016	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	J	U	<0.055	U		0.0038	J	
		VMP-49-30-042716	4/27/2016	<0.01	U		<0.0061	U		0.0018	J		<0.011	U		<0.0098	U		0.0026	J		<0.06	U		0.0018	J	
		VMP-49-30-042716-DUP	4/27/2016	0.0064	J		<0.0054	U		0.0022	J		<0.0095	U		<0.0087	U		0.0038	J		<0.053	U		0.0018	J	
		VMP-49-30-080116	8/1/2016	0.01	J		0.004	J		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0012	J	
		VMP-49-30-080116-DUP	8/1/2016	0.021			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.0017	J	
		VMP-49-30-102716	10/27/2016	<0.011	J	U	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	0.0037	J		<0.0055	U		<0.0062	J	U	<0.0096	U		<0.0088	U		0.0012	J		<0.054	U		0.004	J	
		VMP-50-5-050713	5/7/2013	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-50-5-080713	8/7/2013	0.018			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0012	J		<0.059	U		0.0018	J	
		VMP-50-5-110713	11/7/2013	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0016	J	
		VMP-50-5-022614	2/26/2014	0.0055	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	J	U
		VMP-50-5-043014	4/30/2014	0.019			<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		0.00069	J	
		VMP-50-5-081414	8/14/2014	<0.011	ND,UJ	UJ	<0.0063	U		0.003	J		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.002	J	
		VMP-50-5-110614	11/6/2014	<0.0095	ND,UJ	UJ	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.00099	J		<0.054	U		<0.0044	U	
		VMP-50-5-021015	2/10/2015	<0.01		U	<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		0.0022	J		<0.055	U		0.011		
		VMP-50-5-050515	5/5/2015	0.007	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-50-5-073015	7/30/2015	<0.011	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		0.0018	J		<0.061	U		0.007		
		VMP-50-5-110315	11/3/2015	0.0056	J		<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		0.0037	J	
		VMP-50-5-020216	2/2/2016	0.0078	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.0014	J	
		VMP-50-5-050316	5/3/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-50-5-080216	8/2/2016	0.022			<0.0078	U		<0.0088	U		<0.014	U		<0.012	U		<0.0074	U		<0.077	U		0.0041	J	
		VMP-50-5-103116	10/31/2016	0.014	J	J	0.0041	J		<0.011	U		<0.017	U		<0.016	U		<0.0093	U		<0.097	U		0.0054	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-50	10 ft	VMP-50-10-020113	2/1/2013	0.0027	J		<0.006	U		<0.0068	J	U	<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0021	J	
		VMP-50-10-050713	5/7/2013	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		0.0029	J	
		VMP-50-10-080713	8/7/2013	<0.011	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.00097	J	
		VMP-50-10-080713-Dup	8/7/2013	<0.011	J	U	<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-50-10-110713	11/7/2013	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-50-10-022614	2/26/2014	<0.0088	U		<0.005	U		<0.0057	J	U	<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-50-10-043014	4/30/2014	0.0084	J		<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0.0042	U	
		VMP-50-10-081414	8/14/2014	0.037	J	J	<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	
		VMP-50-10-110614	11/6/2014	<0.0099	ND,UJ	UJ	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0035	J		<0.056	U		0.0042	J	
		VMP-50-10-021015	2/10/2015	<0.01		U	<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		0.00084	J	
		VMP-50-10-050515	5/5/2015	0.023			<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-50-10-073015	7/30/2015	0.0062	J		<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-50-10-110315	11/3/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0024	J	
		VMP-50-10-020216	2/2/2016	<0.0092	U		<0.0053	U		<0.006	U		<0.0093	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-50-10-050316	5/3/2016	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-50-10-082616	8/26/2016	<0.0096	U		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-50-10-103116	10/31/2016	<0.0099	J	U	<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
	20 ft	VMP-50-20-020113	2/1/2013	0.0066	J		0.017	J		0.0095	J		<0.041	U		<0.037	U		0.16			<0.23	U		0.061		
		VMP-50-20-050713	5/7/2013	<0.078	U		<0.045	U		0.031	J		<0.079	U		<0.072	U		0.38			<0.44	U		0.78		
		VMP-50-20-080713	8/7/2013	0.02	J		0.0081	J		<0.024	U		<0.038	U		<0.035	U		0.027			<0.21	U		0.036		
		VMP-50-20-110713	11/7/2013	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0025	J	
		VMP-50-20-110713-Dup	11/7/2013	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0027	J	
		VMP-50-20-022614	2/26/2014	0.007	J		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0026	J	
		VMP-50-20-043014	4/30/2014	<0.018	U		<0.01	U		<0.012	U		<0.018	U		<0.017	U		<0.0099	U		<0.1	U		<0.0085	U	
		VMP-50-20-081414	8/14/2014	0.012	J	J	0.085			<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		0.0015	J	
		VMP-50-20-110614	11/6/2014	0.0061	J	J	<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-50-20-021015	2/10/2015	0.022			<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		0.0011	J	
		VMP-50-20-050515	5/5/2015	0.01	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-50-20-073015	7/30/2015	0.0044	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-50-20-110315	11/3/2015	0.012			0.0056	J		0.012			<0.01	U		<0.0096	U		0.0043	J		<0.059	U		0.0041	J	
		VMP-50-20-020216	2/2/2016	<0.012	U		<0.0072	U		<0.0082	U		<0.013	U		<0.012	U		<0.0068	U		<0.071	U		<0.0059	U	
		VMP-50-20-050316	5/3/2016	0.018			<0.007	U		<0.0079	U		<0.012	U		<0.011	U		0.0038	J		<0.069	U		0.0029	J	
		VMP-50-20-082616	8/26/2016	0.0089	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		0.0022	J		<0.058	U		0.0027	J	
		VMP-50-20-103116	10/31/2016	<0.011	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.001	J	
	30 ft	VMP-50-30-020113	2/1/2013	3.6	J		370			88			<9.9	U		<9	U		570			<55	U		1100		
		VMP-50-30-050713	5/7/2013	<5.8	U		440			1000			<5.9	U		<5.4	U		870			<33	U		1300		
		VMP-50-30-080713	8/7/2013	<11	U		<6.1	U		<7	U		<11	U		<9.9	U		34	J	J	<60	U		220		
		VMP-50-30-110713	11/7/2013	<1.7	U		170			150			<1.7	U		<1.6	U		600			<9.7	U		590		
		VMP-50-30-022614	2/26/2014	<1.6	U		74			69			<1.6	U		<1.5	U		270			<9	U		290		
		VMP-50-30-022614-Dup	2/26/2014	<1.5	U		71			65			<1.5	U		<1.4	U		250			<8.3	U		270		
		VMP-50-30-043014	4/30/2014	<4.7	U		54			39			<4.8	U		<4.4	U		450			<27	U		370		
		VMP-50-30-043014-DUP	4/30/2014	<4.7	U		56			37			<4.8	U		<4.3	U		470			<26	U		400		
		VMP-50-30-081414	8/14/2014	<0.4	U	UJ	16			29			<0.4	U		<0.37	U		41			<2.2	U		39		
		VMP-50-30-081414-Dup	8/14/2014	<0.37	U	UJ	16			28			<0.37	U		<0.34	U		39			<2.1	U		38		
		VMP-50-30-110614	11/6/2014	<0.94	U		33			20			<0.95	U		<0.87	U		290			<5.3	U		180		
		VMP-50-30-110614-DUP	11/6/2014	<1.1	U		35			23			<1.1	U		<0.98	U		290			<6	U		180		
		VMP-50-30-021015	2/10/2015	<2.4	U		79			74			<2.4	U		<2.2	U		140			<13	U		150		
		VMP-50-30-050515	5/5/2015	<2.2	U		39			130			<2.3	U		<2.1	U		120			<12	U		110		
		VMP-50-30-061515-R	6/15/2015	<1	U		45			170			<1	U		<0.96	U		120			<5.9	U		110		
		VMP-50-30-073015	7/30/2015	<1.5	U		32			190			<1.5	U		<1.4	U		80			<8.4	U		70		
		VMP-50-30-110315	11/3/2015	<0.1	U		15			210			<0.1	U		<0.094	U		50			<0.57	U		48		
		VMP-50-30-020216	2/2/2016	<3.1	U		14			280			<3.1	U		<2.8	U		36			<17	U		42		
		VMP-50-30-020216-DUP	2/2/2016	<3.4	U		15			310			<3.5	U		<3.2	U		41			<20	U		48		
		VMP-50-30-050316	5/3/2016	<0.36	U		5.6			290			<0.37	U		<0.33	U		26			<2	U		36		
		VMP-50-30-080216	8/2/2016	<0.11	U		1.9			12			<0.11	U		<0.099	U		9.7			<0.6	U		18		
		VMP-50-30-103116	10/31/2016	<0.21	U		2.3			26			<0.22	U		<0.2	U		16			<1.2	U		27		

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	0.0015	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0011	J	
		VMP-51-5-050213	5/2/2013	0.01			<0.0055	U		<0.0062	J	U	<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-51-5-080713	8/7/2013	<0.021	U		<0.012	U		<0.013	U		<0.021	U		<0.019	U		<0.011	U		<0.12	U		<0.0097	U	
		VMP-51-5-103013	10/30/2013	<0.011	J	U	<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-51-5-021814	2/18/2014	<0.0087	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.049	U		<0.0041	U	
		VMP-51-5-042814	4/28/2014	<0.011	U		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0052	U	
		VMP-51-5-080114	8/1/2014	0.004	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-51-05-102914	10/29/2014	<0.009	J	U	<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-51-5-020315	2/3/2015	0.015			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-51-5-042915	4/29/2015	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	ND,UJ	UJ	<0.0049	U	
		VMP-51-5-072115	7/21/2015	0.0047	J		0.024			0.11			<0.01	U		<0.0091	U		0.0036	J		<0.056	U		0.0032	J	
		VMP-51-5-102815	10/28/2015	0.024			<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		0.002	J		<0.065	U		0.0065		
		VMP-51-5-012516	1/25/2016	<0.0085	U		<0.0049	U		<0.0055	U		<0.0086	U		<0.0079	U		<0.0046	U		<0.048	U		0.0014	J	
		VMP-51-5-042816	4/28/2016	0.0033	J		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		0.0013	J	
		VMP-51-5-072716	7/27/2016	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-51-5-101916	10/19/2016	<0.01	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
	10 ft	VMP-51-10-020113	2/1/2013	0.0029	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0013	J	
		VMP-51-10-050213	5/2/2013	0.0066	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-51-10-080713	8/7/2013	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0011	J	
		VMP-51-10-103013	10/30/2013	<0.0099	J	U	0.00039	J		0.00048	J		0.00061	J		<0.0092	U		<0.0054	U		<0.056	U		0.00043	J	
		VMP-51-10-021814	2/18/2014	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-51-10-042814	4/28/2014	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-51-10-080114	8/1/2014	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-51-10-102914	10/29/2014	<0.0098	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-51-10-020315	2/3/2015	0.03			<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-51-10-042915	4/29/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	ND,UJ	UJ	<0.0048	U	
		VMP-51-10-072115	7/21/2015	<0.011	U		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-51-10-102815	10/28/2015	0.015			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-51-10-012516	1/25/2016	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0014	J	
		VMP-51-10-042816	4/28/2016	0.0046	J		0.0066			0.006	J		<0.01	U		<0.0096	U		0.0073			<0.058	U		0.0093		
		VMP-51-10-042816-DUP	4/28/2016	0.0077	J		0.0068			0.007			<0.011	U		<0.0099	U		0.0065			<0.06	U		0.0067		
		VMP-51-10-072716	7/27/2016	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-51-10-101916	10/19/2016	<0.0087	U		<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		<0.0041	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	0.0054	J		0.0045	J		0.0019	J		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0012	J	
		VMP-51-20-050213	5/2/2013	<0.01	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-51-20-080713	8/7/2013	<0.011	J	U	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.001	J	
		VMP-51-20-103013	10/30/2013	<0.01	J	U	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		0.00069	J		<0.056	U		0.00032	J	
		VMP-51-20-021814	2/18/2014	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-51-20-042814	4/28/2014	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-51-20-080114	8/1/2014	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-51-20-102914	10/29/2014	<0.0095	J	U	<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-51-20-020315	2/3/2015	0.0055	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-51-20-042915	4/29/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	ND,UJ	UJ	<0.0044	U	
		VMP-51-20-072115	7/21/2015	<0.013	U		0.0023	J		0.0024	J		<0.014	U		<0.012	U		0.0046	J		<0.076	U		0.024		
		VMP-51-20-102815	10/28/2015	0.012			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-51-20-012516	1/25/2016	0.0036	J		0.0036	J		0.0067			<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-51-20-042816	4/28/2016	0.0094	J		<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.067	U		<0.0056	U	
		VMP-51-20-052516-R	5/25/2016	0.0093	J		0.0029	J		0.0013	J		<0.01	U		<0.0096	U		0.0022	J		<0.059	U		0.0035	J	
		VMP-51-20-072716	7/27/2016	<0.012	U		<0.007	U		<0.0079	U		<0.012	U		<0.011	U		<0.0066	U		<0.069	U		<0.0057	U	
		VMP-51-20-101916-Dup	10/19/2016	<0.0096	J	U	0.003	J		<0.0063	U		<0.0098	U		<0.0089	U		0.004	J		<0.055	U		0.0064		
		VMP-51-20-101916	10/19/2016	<0.0094	U		0.0026	J		<0.0062	U		<0.0096	U		<0.0088	U		0.0043	J		<0.054	U		0.0076		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	30 ft	VMP-51-30-020413	2/4/2013	0.0023	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0026	J		<0.062	U		0.0052		
		VMP-51-30-020413-DUP	2/4/2013	0.0021	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0038	J		<0.06	U		0.007		
		VMP-51-30-050213	5/2/2013	<0.011	U		<0.0062	J	U	<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.0018	J	
		VMP-51-30-080713	8/7/2013	0.0048	J		<0.0066	U		<0.0074	U		<0.012	U		<0.01	U		0.0018	J		<0.065	U		<0.0053	U	
		VMP-51-30-103013	10/30/2013	<0.02	U		<0.011	U		<0.013	U		<0.02	U		<0.018	U		<0.011	U		<0.11	U		0.0018	J	
		VMP-51-30-021814	2/18/2014	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-51-30-042814	4/28/2014	<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-51-30-080114	8/1/2014	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-51-30-102914	10/29/2014	<0.0097	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		0.0028	J		<0.055	U		0.0027	J	
		VMP-51-30-102914-DUP	10/29/2014	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		0.0016	J		<0.057	U		0.0026	J	
		VMP-51-30-020315	2/3/2015	0.023			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-51-30-020315-DUP	2/3/2015	0.015			0.0013	J		0.0034	J		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-51-30-042915	4/29/2015	<0.01	U		0.0022	J		<0.0067	U		<0.01	U		<0.0095	U		0.006			<0.058	ND,UJ	UJ	0.0061		
		VMP-51-30-042915-DUP	4/29/2015	<0.01	U		0.0027	J		<0.0065	U		<0.01	U		<0.0093	U		0.0041	J		<0.056	ND,UJ	UJ	0.0043	J	
		VMP-51-30-072115	7/21/2015	<0.0096	U		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-51-30-102815	10/28/2015	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-51-30-012516	1/25/2016	0.0055	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-51-30-012516-DUP	1/25/2016	0.0085	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		0.0025	J		<0.056	U		0.0018	J	
		VMP-51-30-042816	4/28/2016	<0.0096	U		0.0014	J		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		0.0011	J	
		VMP-51-30-072716	7/27/2016	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-51-30-072716-DUP	7/27/2016	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-51-30-101916	10/19/2016	0.041			0.0025	J		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	0.0039	J		<0.0055	U		<0.0062	J	U	<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0014	J	
		VMP-52-5-050213	5/2/2013	0.004	J		0.0075			<0.0073	U		<0.011	U		<0.01	U		0.0072			<0.064	U		0.0033	J	
		VMP-52-5-050213-Dup	5/2/2013	<0.01	U		0.0081			<0.0069	J	U	<0.011	U		<0.0098	U		0.01			<0.06	U		0.0049		
		VMP-52-5-080713	8/7/2013	<0.011	U	UJ	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.00088	J		<0.06	U		0.0012	J	
		VMP-52-5-103013	10/30/2013	<0.0098	J	U	0.0011	J		0.00045	J		<0.01	U		<0.0091	U		0.0007	J		<0.056	U		0.00051	J	
		VMP-52-5-022114	2/21/2014	<0.0098	U		0.0048	J		0.0012	J		<0.01	U		<0.0091	U		0.012			<0.056	U		0.014		
		VMP-52-5-050514	5/5/2014	0.0085	J		<0.0055	U		0.0015	J		<0.0097	U		<0.0089	U		0.0056			<0.054	U		0.0028	J	
		VMP-52-5-050514-Dup	5/5/2014	0.0093			0.0018	J		0.0018	J		<0.0093	U		<0.0084	U		0.0032	J		<0.052	U		0.0026	J	
		VMP-52-5-080114	8/1/2014	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-52-5-103114	10/31/2014	<0.0091	J	U	<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-52-5-020415	2/4/2015	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-52-5-042915	4/29/2015	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.062	ND,UJ	UJ	<0.0052	U	
		VMP-52-5-072715	7/27/2015	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-52-5-102915	10/29/2015	0.025			<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-52-5-012516	1/25/2016	0.0059	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.0012	J	
		VMP-52-5-042516	4/25/2016	0.025			0.0023	J		<0.0061	U		<0.0095	U		<0.0086	U		0.0085			<0.053	U		0.0082		
		VMP-52-5-072716	7/27/2016	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-52-5-102716	10/27/2016	<0.0093	J	U	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
	10 ft	VMP-52-10-020413	2/4/2013	0.0032	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.001	J	
		VMP-52-10-051613	5/16/2013	0.0094	J		0.024			0.16		J	<0.011	U		<0.01	U		0.064			<0.061	U		0.052		
		VMP-52-10-080713	8/7/2013	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-52-10-103013	10/30/2013	<0.01	J	U	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		0.00083	J		<0.056	U		0.00051	J	
		VMP-52-10-022114	2/21/2014	<0.0096	U		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-52-10-080114	8/1/2014	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-52-10-103114	10/31/2014	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-52-10-020415	2/4/2015	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-52-10-042915	4/29/2015	<0.012	U		<0.0071	U		<0.0081	U		<0.013	U		<0.012	U		<0.0067	U		<0.07	ND,UJ	UJ	<0.0058	U	
		VMP-52-10-072715	7/27/2015	<0.01	U		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-52-10-102915	10/29/2015	0.074			<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-52-10-012516	1/25/2016	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-52-10-042516	4/25/2016	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		<0.0055	U	
		VMP-52-10-072716	7/27/2016	<0.012	U		0.0029	J		<0.0077	U		<0.012	U		<0.011	U		0.002	J		<0.067	U		<0.0055	U	
		VMP-52-10-102716	10/27/2016	<0.01	J	U	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0048	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-52	20 ft	VMP-52-20-020413	2/4/2013	0.0027	J		<0.0058	U		<0.0066	J	U	<0.01	U		<0.0094	U		0.0043	J		<0.057	J	U	0.01		
		VMP-52-20-020413-DUP	2/4/2013	0.0034	J		<0.0056	U		<0.0063	J	U	<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		0.0052		
		VMP-52-20-050213	5/2/2013	0.0087	J		<0.0065	U		<0.0074	J	U	<0.012	U		<0.01	U		<0.0062	U		<0.064	U		0.0018	J	
		VMP-52-20-080713	8/7/2013	<0.012	U		<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		<0.0064	U		<0.066	U		0.001	J	
		VMP-52-20-103013	10/30/2013	<0.011	J	U	0.00065	J		0.0008	J		<0.011	U		<0.01	U		0.0011	J		<0.063	U		0.00073	J	
		VMP-52-20-022114	2/21/2014	<0.01	U		<0.006	U		0.0021	J		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		0.00084	J	
		VMP-52-20-042914	4/29/2014	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-52-20-082014-R	8/20/2014	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0048	U	
		VMP-52-20-103114	10/31/2014	0.018			<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		0.002	J		<0.055	U		0.0016	J	
		VMP-52-20-020415	2/4/2015	0.0093	J		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-52-20-042915	4/29/2015	0.026			<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	ND,UJ	UJ	<0.0048	U	
		VMP-52-20-072715	7/27/2015	<0.011	J	U	<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-52-20-102915	10/29/2015	0.01			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-52-20-012516	1/25/2016	0.0038	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0013	J	
		VMP-52-20-042516	4/25/2016	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.001	J	
		VMP-52-20-072716	7/27/2016	<0.012	U		<0.0071	U		<0.0081	J	U	<0.012	U		<0.011	U		<0.0067	U		<0.07	U		<0.0058	U	
		VMP-52-20-102716	10/27/2016	<0.0096	J	U	<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
	30 ft	VMP-52-30-020413	2/4/2013	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0013	J		<0.06	U		0.011		
		VMP-52-30-050613	5/6/2013	0.004	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0049		
		VMP-52-30-080713	8/7/2013	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.00098	J		<0.062	U		0.0027	J	
		VMP-52-30-103013	10/30/2013	<0.01	J	U	<0.0061	U		<0.0069	U		0.00071	J		<0.0098	U		0.0013	J		<0.06	U		0.0013	J	
		VMP-52-30-022114	2/21/2014	<0.0097	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		0.00096	J		<0.055	U		0.002	J	
		VMP-52-30-022114-Dup	2/21/2014	<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		0.0016	J	
		VMP-52-30-042914	4/29/2014	<0.0094	U		<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		0.0031	J		<0.053	U		0.0034	J	
		VMP-52-30-042914-DUP	4/29/2014	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0028	J		<0.062	U		0.0023	J	
		VMP-52-30-080114	8/1/2014	0.0097	J	J	<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-52-30-080114-Dup	8/1/2014	0.048		J	<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0016	J	
		VMP-52-30-103114	10/31/2014	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-52-30-020415	2/4/2015	0.0078	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-52-30-020415-DUP	2/4/2015	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		0.001	J	
		VMP-52-30-042915	4/29/2015	0.0023	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	ND,UJ	UJ	<0.0043	U	
		VMP-52-30-072715	7/27/2015	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-52-30-102915	10/29/2015	0.0092	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-52-30-020216-R	2/2/2016	0.0046	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0032	J		<0.062	U		0.0024	J	
		VMP-52-30-042516	4/25/2016	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-52-30-072716	7/27/2016	<0.012	U		<0.0072	U		<0.0081	U		<0.013	U		<0.012	U		<0.0068	U		<0.07	U		<0.0058	U	
		VMP-52-30-102716	10/27/2016	<0.011	J	U	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	0.0027	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.00092	J	
		VMP-53-5-050213	5/2/2013	0.012			<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		0.0044	J		<0.065	U		0.0067		
		VMP-53-5-071113-R	7/11/2013	<0.015	U		0.0025	J		0.018			<0.016	U		<0.014	U		0.0038	J		<0.088	J	U	0.0031	J	
		VMP-53-5-080613	8/6/2013	<0.02	J	U	<0.012	U		<0.013	U		<0.021	U		<0.019	U		<0.011	U		<0.11	U		0.0019	J	
		VMP-53-5-103013	10/30/2013	<0.019	J	U	<0.011	U		<0.012	U		<0.019	U		<0.018	U		<0.01	U		<0.11	U		0.0011	J	
		VMP-53-5-022114	2/21/2014	0.03			<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-53-5-042514	4/25/2014	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0013	J	
		VMP-53-5-073014	7/30/2014	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-53-5-102914	10/29/2014	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-53-5-020415	2/4/2015	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-53-5-050415	5/4/2015	<0.011	U		0.0015	J		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		<0.0052	U	
		VMP-53-5-072415	7/24/2015	<0.012	U		<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		<0.0063	U		<0.066	U		<0.0054	U	
		VMP-53-5-102815	10/28/2015	0.0049	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-53-5-012816	1/28/2016	<0.01	U		0.0022	J		0.0036	J	J	<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-53-5-042816	4/28/2016	0.021			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		0.0049	J		<0.053	U		0.003	J	
		VMP-53-5-072916	7/29/2016	0.0081	J		<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.067	U		0.0016	J	
		VMP-53-5-102516	10/25/2016	0.015			0.0023	J		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.00098	J	
		VMP-53-5-120916	12/9/2016	0.0075	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		0.0011	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	10 ft	VMP-53-10-020513	2/5/2013	0.0018	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0016	J		<0.056	U		0.004	J	
		VMP-53-10-020513-DUP	2/5/2013	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		0.0013	J		<0.053	U		0.0021	J	
		VMP-53-10-050313	5/3/2013	<0.01	U		0.051			0.013			<0.011	U		<0.0098	U		0.4			<0.06	U		1.4		
		VMP-53-10-071113-R	7/11/2013	<0.012	U		<0.0067	U		<0.0076	J	U	<0.012	U		<0.011	U		0.0024	J		<0.066	U		0.003	J	
		VMP-53-10-080613	8/6/2013	<0.022	U		<0.012	U		<0.014	U		<0.022	U		<0.02	U		<0.012	U		<0.12	U		<0.01	U	
		VMP-53-10-080613-Dup	8/6/2013	<0.011	J	U	<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.00094	J	
		VMP-53-10-103013	10/30/2013	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-53-10-022114	2/21/2014	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-53-10-042514	4/25/2014	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		0.0031	J		<0.058	U		0.0037	J	
		VMP-53-10-073014	7/30/2014	0.021			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		0.0021	J		<0.062	U		0.0026	J	
		VMP-53-10-102914	10/29/2014	<0.011	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		0.0017	J	
		VMP-53-10-020415	2/4/2015	0.0072	J		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-53-10-050415	5/4/2015	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-53-10-072415	7/24/2015	<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		0.0032	J		<0.059	U		0.0077		
		VMP-53-10-102815	10/28/2015	0.042			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-53-10-012816	1/28/2016	0.006	J		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		0.0021	J		<0.067	U		0.0027	J	
		VMP-53-10-042816	4/28/2016	<0.011	U		0.01			0.0022	J		<0.011	U		<0.01	U		0.018			<0.061	U		0.02		
		VMP-53-10-082616	8/26/2016	<0.0094	U		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		0.001	J	
		VMP-53-10-102516	10/25/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		0.0012	J	
		VMP-53-10-120916	12/9/2016	<0.0096	U		<0.0055	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
	20 ft	VMP-53-20-020513	2/5/2013	0.0032	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0016	J	
		VMP-53-20-050313	5/3/2013	0.0054	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-53-20-071113-R	7/11/2013	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		0.007			<0.068	U		0.0062		
		VMP-53-20-080613	8/6/2013	<0.011	J	U	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		0.0011	J		<0.063	U		0.0026	J	
		VMP-53-20-103013	10/30/2013	<0.01	J	U	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.00046	J		<0.059	U		0.0006	J	
		VMP-53-20-103013-Dup	10/30/2013	0.006	J		<0.0059	U		<0.0067	U		0.00073	J		<0.0096	U		0.00046	J		<0.058	U	UJ	0.00085	J	
		VMP-53-20-022114	2/21/2014	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-53-20-042514	4/25/2014	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0017	J	
		VMP-53-20-073014	7/30/2014	<0.01	U		0.0012	J		<0.0068	U		<0.01	U		<0.0096	U		0.0024	J		<0.059	U		0.0034	J	
		VMP-53-20-102914	10/29/2014	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-53-20-020415	2/4/2015	0.0083	J		<0.012	U		<0.014	U		<0.021	U		<0.02	U		<0.011	U		<0.12	U		<0.0098	U	
		VMP-53-20-050415	5/4/2015	<0.01	U		<0.0059	U		<0.0067	U		<0.01	U		<0.0096	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-53-20-072415	7/24/2015	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-53-20-102815	10/28/2015	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-53-20-021616	2/16/2016	0.0066	J		<0.0069	U		<0.0079	U		<0.012	U		<0.011	U		<0.0066	U		<0.068	U		0.0019	J	
		VMP-53-20-042816	4/28/2016	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-53-20-072916	7/29/2016	0.012			<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		0.0016	J	
		VMP-53-20-102516	10/25/2016	0.01	J		<0.01	U		<0.012	U		<0.018	U		<0.016	U		<0.0096	U		<0.1	U		0.0025	J	
		VMP-53-20-120916	12/9/2016	0.069			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.001	J		<0.054	U		0.0012	J	
	30 ft	VMP-53-30-020513	2/5/2013	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.00081	J	
		VMP-53-30-050313	5/3/2013	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-53-30-071113-R	7/11/2013	<0.012	U		<0.0071	U		<0.0081	U		<0.012	U		<0.011	U		0.0069			<0.07	U		0.0055	J	
		VMP-53-30-080613	8/6/2013	<0.012	J	U	<0.0072	U		<0.0081	U		<0.013	U		<0.012	U		<0.0068	U		<0.071	U		<0.0058	U	
		VMP-53-30-103013	10/30/2013	<0.011	J	U	<0.0062	U		<0.007	U		0.00071	J		<0.0099	U		0.00038	J		<0.06	U	UJ	0.00082	J	
		VMP-53-30-022114	2/21/2014	<0.0088	U		<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-53-30-042514	4/25/2014	0.0085	J		<0.0058	U		0.0017	J		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-53-30-042514-DUP	4/25/2014	0.015			<0.0061	U		0.0014	J		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-53-30-073014	7/30/2014	0.011			<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		0.0012	J		<0.057	U		0.0019	J	
		VMP-53-30-073014-Dup	7/30/2014	<0.011	U		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		0.0011	J	
		VMP-53-30-102914	10/29/2014	<0.0099	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-53-30-020415	2/4/2015	0.0073	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-53-30-050415	5/4/2015	0.0041	J		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-53-30-072415	7/24/2015	<0.011	U		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-53-30-102815	10/28/2015	0.021			0.0019	J		<0.0073	U		<0.011	U		<0.01	U		0.0016	J		<0.063	U		<0.0052	U	
		VMP-53-30-012816	1/28/2016	<0.01	U		<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-53-30-042816	4/28/2016	<0.012	U		<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U		<0.0054	U	
		VMP-53-30-052516-R	5/25/2016	<0.0098	U		<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-53-30-072916	7/29/2016	0.023			<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		0.0026	J		<0.046	U		0.0025	J	
		VMP-53-30-102516	10/25/2016	<0.019	U		0.0032	J		<0.012	U		<0.019	U		<0.018	U		<0.01	U		<0.11	U		<0.0088	U	
		VMP-53-30-120916	12/9/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.0012	J		<0.061	U		0.0016	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	0.0037	J		0.011			0.043			<0.01	U		<0.0096	U		0.005	J		<0.059	U		0.006		
		VMP-54-5-050213	5/2/2013	0.0084	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		0.0015	J	
		VMP-54-5-080613	8/6/2013	0.0065	J		<0.0072	U		<0.0081	U		<0.013	U		<0.012	U		0.0015	J		<0.07	U		0.0025	J	
		VMP-54-5-103013	10/30/2013	0.0046	J		<0.0059	U		<0.0067	U		0.00056	J		<0.0095	U		0.00046	J		<0.058	U	UJ	0.00041	J	
		VMP-54-5-021014	2/10/2014	<0.01	U	UJ	<0.0058	U		0.0021	J		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-54-5-042514	4/25/2014	0.01	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-54-5-073014	7/30/2014	<0.0095	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		0.0019	J		<0.054	U		0.0018	J	
		VMP-54-5-102914	10/29/2014	0.014			<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		0.002	J	
		VMP-54-5-020515	2/5/2015	0.0059	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-54-5-050415	5/4/2015	0.0044	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0011	J	
		VMP-54-5-072415	7/24/2015	<0.012		U	<0.0068	U		<0.0076	U		<0.012	U		<0.011	U		0.0022	J		<0.066	U		0.003	J	
		VMP-54-5-102715	10/27/2015	0.0053	J		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-54-5-012816	1/28/2016	0.0046	J		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0059	U		<0.061	U		<0.005	U	
		VMP-54-5-042916	4/29/2016	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		0.0013	J		<0.053	U		0.0014	J	
		VMP-54-5-080116	8/1/2016	0.009	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		0.0014	J	
		VMP-54-5-102816	10/28/2016	0.012			<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
	10 ft	VMP-54-10-020613	2/6/2013	0.0022	J		0.0034	J		0.0064	J		<0.011	U		<0.0098	U		0.0013	J		<0.06	U		0.0017	J	
		VMP-54-10-050213	5/2/2013	<0.011	J	U	<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		0.0016	J		<0.063	U		0.0018	J	
		VMP-54-10-080613	8/6/2013	<0.014		U	<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		0.0018	J		<0.062	U		0.0021	J	
		VMP-54-10-103013	10/30/2013	0.014			<0.0059	U		0.0004	J		0.00042	J		<0.0094	U		0.00057	J		<0.058	U	UJ	0.001	J	
		VMP-54-10-021014	2/10/2014	<0.0099	U	UJ	<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-54-10-050814-R	5/8/2014	<0.01	U		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0024	J		<0.059	U		0.015		
		VMP-54-10-073014	7/30/2014	0.0064	J		<0.0056	U		0.0018	J		<0.01	U		<0.0091	U		0.0012	J		<0.055	U		0.0014	J	
		VMP-54-10-102914	10/29/2014	0.046			<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		0.0029	J		<0.059	U		0.0026	J	
		VMP-54-10-020515	2/5/2015	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-54-10-050415	5/4/2015	0.0039	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-54-10-072415	7/24/2015	<0.012	J	U	<0.0071	U		<0.0081	U		<0.013	U		<0.012	U		<0.0067	U		<0.07	U		<0.0058	U	
		VMP-54-10-102715	10/27/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-54-10-012816	1/28/2016	0.0046	J		0.002	J		0.0024	J		<0.011	U		<0.0099	U		0.003	J		<0.06	U		0.004	J	
		VMP-54-10-042916	4/29/2016	<0.011	U		0.011			0.0016	J		<0.011	U		<0.01	U		0.018			<0.062	U		0.018		
		VMP-54-10-080116	8/1/2016	0.012			<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-54-10-102816	10/28/2016	<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
	20 ft	VMP-54-20-020613	2/6/2013	0.0032	J		<0.006	U		<0.0068	J	U	<0.01	U		<0.0096	U		0.004	J		<0.059	U		0.004	J	
		VMP-54-20-020613-DUP	2/6/2013	0.005	J		<0.006	U		<0.0068	J	U	<0.01	U		<0.0096	U		0.0048	J		<0.059	U		0.0064		
		VMP-54-20-050213	5/2/2013	<0.01	J	U	<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		0.0014	J		<0.058	U		<0.0048	U	
		VMP-54-20-080613	8/6/2013	<0.012	J	U	<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		0.0012	J		<0.068	U		0.0019	J	
		VMP-54-20-103013	10/30/2013	0.005	J		<0.006	U		<0.0068	U		0.0005	J		<0.0097	U		0.00054	J		<0.059	U	UJ	0.00063	J	
		VMP-54-20-021014	2/10/2014	<0.01	U	UJ	<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-54-20-042514	4/25/2014	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-54-20-073014	7/30/2014	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		0.0011	J		<0.055	U		0.001	J	
		VMP-54-20-102914	10/29/2014	0.014			<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		0.0016	J	
		VMP-54-20-020515	2/5/2015	0.0097			<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-54-20-050415	5/4/2015	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-54-20-072415	7/24/2015	<0.011	J	U	<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-54-20-102715	10/27/2015	<0.0088	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		0.0025	J		<0.05	U		0.0054		
		VMP-54-20-102715-DUP	10/27/2015	<0.0088	U		<0.005	U		<0.0057	U		<0.0089	U		<0.0081	U		0.0016	J		<0.05	U		0.0058		
		VMP-54-20-012816	1/28/2016	<0.011	U		<0.0065	U		<0.0074	U		<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-54-20-050516	5/5/2016	<0.0097	U		0.0018	J		0.0016	J		<0.0099	U		<0.009	U		0.0019	J		<0.055	U		0.0022	J	
		VMP-54-20-050516-DUP	5/5/2016	<0.01	U		0.0023	J		0.0018	J		<0.011	U		<0.0098	U		0.0021	J		<0.06	U		0.0025	J	
		VMP-54-20-080116	8/1/2016	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-54-20-102816	10/28/2016	<0.01	J	U	<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
	30 ft	VMP-54-30-020613	2/6/2013	0.0027	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0016	J	
		VMP-54-30-020613-DUP	2/6/2013	0.0035	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0016	J	
		VMP-54-30-050213	5/2/2013	<0.011	U		0.0079			0.0032	J		<0.011	U		<0.01	U		0.0073			<0.062	U		0.0049	J	
		VMP-54-30-050213-Dup	5/2/2013	<0.011	U		0.009			0.0032	J		<0.011	U		<0.01	U		0.011			<0.061	U		0.0076		
		VMP-54-30-103013	10/30/2013	0.0084	J		<0.0065	U		<0.0073	U		0.00077	J		<0.01	U		0.00077	J		<0.064	U	UJ	0.00091	J	
		VMP-54-30-021014	2/10/2014	<0.0094	U	UJ	<0.0054	U		0.0018	J		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	
		VMP-54-30-042514	4/25/2014	<0.011	U		<0.0062	U		<0.0071	U		<0.011	U		<0.01	U		0.0034	J		<0.061	U		0.003	J	
		VMP-54-30-073014	7/30/2014	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.0011	J		<0.061	U		0.0014	J	
		VMP-54-30-110614-R	11/6/2014	0.037	J	J	<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0014	J	
		VMP-54-30-021215	2/12/2015	<0.01		U	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-54-30-050415	5/4/2015	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		0.00091	J	
		VMP-54-30-080315	8/3/2015	0.0062	J	J	<0.0067	U		<0.0076	U		<0.012	U		<0.011	U		0.0028	J		<0.066	U		<0.0054	U	
		VMP-54-30-102715	10/27/2015	0.011			<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-54-30-012816	1/28/2016	0.0043	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-54-30-042916	4/29/2016	<0.0099	U		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0013	J	
		VMP-54-30-042916-DUP	4/29/2016	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0014	J	
		VMP-54-30-080116	8/1/2016	0.011			<0.0058	U		0.0033	J		<0.01	U		<0.0094	U		0.0031	J		<0.057	U		0.0015	J	
		VMP-54-30-102816	10/28/2016	<0.0098	J	U	<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-110414	11/4/2014	0.012			<0.0062	U		<0.007	U		<0.011	U		<0.01	U		0.0038	J		<0.061	U		<0.005	U	
		VMP-55-5-110414-DUP	11/4/2014	0.0058	J		<0.0049	U		<0.0056	U		<0.0087	U		<0.0079	U		<0.0046	U		<0.048	U		0.0011	J	
		VMP-55-5-020515	2/5/2015	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-55-5-050615	5/6/2015	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0016	J	
		VMP-55-5-110215	11/2/2015	<0.071	U		0.3			0.056			<0.072	U		<0.066	U		0.13			<0.4	U		0.15		
		VMP-55-5-020416	2/4/2016	<0.099	U		<0.057	U		<0.065	U		<0.1	U		<0.092	U		<0.054	U		<0.56	U		<0.046	U	
		VMP-55-5-082616	8/26/2016	0.0058	J		<0.0067	J	U	<0.0075	U		<0.012	U		<0.011	U		0.0021	J		<0.065	U		0.0015	J	
	20 ft	VMP-55-20-021513	2/15/2013	<26	U		<15	U		<17	U		<26	U		<24	U		<14	U		<150	U		42		
		VMP-55-20-050113	5/1/2013	<44	U		<25	U		<28	U		<44	U		<40	U		<24	U		<250	U		61		
		VMP-55-20-080713	8/7/2013	<6	U		<3.4	U		<3.9	U		<6	U		<5.5	U		<3.2	U		<34	U		0.97	J	
		VMP-55-20-110813	11/8/2013	<1.7	U		0.4	J		<1.1	U		<1.7	U		<1.5	U		<0.9	U		<9.4	U		<0.78	U	
		VMP-55-20-021814	2/18/2014	<0.45	U		0.094	J		0.19	J		<0.46	U		<0.42	U		<0.24	U		<2.5	U		<0.21	U	
		VMP-55-20-050514	5/5/2014	<4.8	U		<2.8	U		<3.1	U		<4.9	U		<4.4	U		<2.6	U		<27	U		1.1	J	
		VMP-55-20-050514-Dup	5/5/2014	<5.2	U		<3	U		<3.4	U		<5.3	U		<4.8	U		<2.8	U		<29	U		1	J	
		VMP-55-20-081314	8/13/2014	<2	U	UJ	<1.1	U		0.37	J		<2	U		<1.8	U		<1.1	U		<11	U		0.36	J	
		VMP-55-20-110414	11/4/2014	<0.89	U		<0.51	U		<0.58	U		<0.9	U		<0.82	U		<1.9	U		<5	U		<1.7	U	
		VMP-55-20-020515	2/5/2015	<0.97	U		0.094	J		0.41	J		<0.99	U		<0.9	U		<0.53	U		<5.5	U		<0.45	U	
		VMP-55-20-050615	5/6/2015	24			<3.7	U		<4.2	U		<6.5	U		<5.9	U		<3.5	U		<36	U		0.76	J	
		VMP-55-20-072915	7/29/2015	<0.1	U		<0.059	U		<0.067	U		<0.1	U		<0.095	U		<0.056	U		<0.58	U		0.051		
		VMP-55-20-072915-DUP	7/29/2015	<0.11	U		<0.063	U		<0.071	U		<0.11	U		<0.1	U		<0.059	U		<0.62	U		0.052		
		VMP-55-20-110215	11/2/2015	<3	U		<1.7	U		<2	U		<3.1	U		<2.8	U		350			<17	U		850		
		VMP-55-20-020416	2/4/2016	<1	U		<0.58	U		<0.65	U		<1	U		<0.93	U		190			<5.6	U		150		
		VMP-55-20-020416-DUP	2/4/2016	<0.9	U		<0.52	U		<0.59	U		<0.92	U		<0.84	U		190		J	<5.1	U		150		J
		VMP-55-20-050416	5/4/2016	<1.4	U		<0.79	U		<0.89	U		<1.4	U		<1.3	U		190			<7.8	U		420		J
		VMP-55-20-080316	8/3/2016	<0.7	U		<0.4	U		<0.46	U		<0.71	U		<0.65	U		76		J	<4	U		160		J
		VMP-55-20-110116	11/1/2016	0.97	J		<0.6	U		<0.68	U		<1	U		<0.96	U		15			<5.9	U		28		
	30 ft	VMP-55-30-030915	3/9/2015	<2.6	ND,UJ	UJ	<1.5	U		<1.7	U		<2.6	U		<2.4	U		1.8			<15	U		2.4		
		VMP-55-30-050615	5/6/2015	25			<5.1	U		<5.8	U		<9	U		<8.2	U		<4.8	U		<50	U		3.4	J	
		VMP-55-30-050615-DUP	5/6/2015	30			<5.1	U		<5.8	U		<9.1	U		<8.3	U		<4.8	U		<50	U		3.4	J	
		VMP-55-30-061515-Dup-R	6/15/2015	<0.12	U		<0.068	U		0.042	J		<0.12	U		<0.11	U		0.047	J		<0.67	U		0.16		
		VMP-55-30-061515-R	6/15/2015	<0.096	U		<0.055	U		0.046	J		<0.098	U		<0.089	U		0.039	J		<0.54	U		0.17		
VMP-56	10 ft	VMP-56-10-050114	5/1/2014	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-56-10-081214	8/12/2014	0.027			0.0085			0.014			<0.012	U		<0.01	U		<0.0062	U		<0.064	U		<0.0053	U	
		VMP-56-10-110514	11/5/2014	0.017			0.0011	J		0.0031	J		<0.0089	U		<0.0081	U		0.0041	J		<0.05	U		0.0036	J	
		VMP-56-10-021015	2/10/2015	0.034			<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		0.00073	J	
		VMP-56-10-110315	11/3/2015	0.0099			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0028	J		<0.054	U		0.0024	J	
		VMP-56-10-020416	2/4/2016	0.0046	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-56-10-050516	5/5/2016	0.014			<0.0061	U		0.004	J		<0.011	U		<0.0098	U		0.00094	J		<0.06	U		0.013		
		VMP-56-10-072716	7/27/2016	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-56-10-102416	10/24/2016	<0.01	U		0.014			0.0025	J		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		0.0018	J	
	25 ft	VMP-56-25-050114	5/1/2014	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.0019	J	
		VMP-56-25-081214	8/12/2014	0.082			0.0041	J		0.003	J		<0.01	U		<0.0094	U		0.0044	J		<0.057	U		0.0044	J	
		VMP-56-25-110514	11/5/2014	0.0056	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0025	J		<0.056	U		0.0028	J	
		VMP-56-25-021015	2/10/2015	0.027			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0021	J	
		VMP-56-25-050715	5/7/2015	0.0058	J		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		0.0017	J	
		VMP-56-25-073115	7/31/2015	0.0061	J		<0.0064	U		0.007	J		<0.011	U		<0.01	U		0.002	J		<0.063	U		0.0046	J	
		VMP-56-25-110315	11/3/2015	0.033			0.0015	J		0.0016	J		<0.0099	U		<0.009	U		0.0092			<0.055	U		0.0055		
		VMP-56-25-020416	2/4/2016	<0.0095	U		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		<0.0044	U	
		VMP-56-25-050516	5/5/2016	<0.011	U		<0.0063	U		0.0017	J		<0.011	U		<0.01	U		<0.006	U		<0.062	U		0.0014	J	
		VMP-56-25-050516-DUP	5/5/2016	<0.011	U		<0.0065	U		0.0019	J		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0053	U	
		VMP-56-25-072716	7/27/2016	0.021			<0.0072	U		<0.0081	U		<0.013	U		<0.012	U		0.0013	J		<0.07	U		0.0028	J	
		VMP-56-25-102416	10/24/2016	0.041			0.027			0.0033	J		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		0.0019	J	
	38.5 ft	VMP-56-38.5-050114	5/1/2014	<2.3	U		460		J	44		J	<2.3	U		<2.1	U		1400			<13	U		20000		
		VMP-56-38.5-081214	8/12/2014	<210	ND,UJ	UJ	600		J	130	J		<210	U		<190	U		2500			<1200	U		13000		
		VMP-56-38.5-081214-Dup	8/12/2014	<200	ND,UJ	UJ	800		J	190			<210	U		<190	U		2700			<1200	U		13000		
		VMP-56-38.5-110514	11/5/2014	<110	U		640			130			<110	U		<100	U		2200			<640	U		12000		
		VMP-56-38.5-110514-DUP	11/5/2014	<140	U		640			150			<140	U		<120	U		2200			<760	U		12000		
		VMP-56-38.5-021015	2/10/2015	<10	U		580			36			<10	U		<9.3	U		2100			<57	U		4200		
		VMP-56-38.5-050715	5/7/2015	<120	U		510			150			<120	U		<110	U		1900			<650	U		10000		
		VMP-56-38.5-061515-R	6/15/2015	8	J		390			71			<11	U		<10	U		2000			<63	U		4700		
		VMP-56-38.5-073115	7/31/2015	<9.7	U		510			320			<9.9	U		<9	U		690			<55	U		1200		
		VMP-56-38.5-073115-DUP	7/31/2015	<36	U		500			320			<37	U		<33	U		720			<200	U		1200		
		VMP-56-38.5-110315	11/3/2015	<11	U		830		J	220		J	<12	U		<10	U		2500			<65	U		9600		
		VMP-56-38.5-110315-DUP	11/3/2015	<83	U		440		J	63		J	<84	U		<77	U		2100			<470	U		9300		
		VMP-56-38.5-020416	2/4/2016	<64	U		250			15	J		<65	U		<59	U		1700			<360	U		8400		

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-122313	12/23/2013	<0.0091	U		0.0079			0.003	J		<0.0092	U		<0.0084	U		0.0043	J		<0.051	U		0.053		
		VMP-62-5-021014	2/10/2014	0.006	J	J	<0.005	U		<0.0056	U		<0.0088	U		<0.008	U		<0.0047	U		<0.049	U		<0.004	U	
		VMP-62-5-042514	4/25/2014	0.0071	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.057	U		<0.0047	U	
		VMP-62-5-073014	7/30/2014	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	U		<0.0049	U	
		VMP-62-5-111014-R	11/10/2014	0.0055	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.001	J	
		VMP-62-5-020315	2/3/2015	<0.0091	U		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-62-5-042815	4/28/2015	0.0046	J		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U	UJ	<0.0051	U	
		VMP-62-5-072415	7/24/2015	0.034		J	<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		0.0017	J		<0.063	U		0.0022	J	
		VMP-62-5-102015	10/20/2015	0.007	J		<0.0048	U		<0.0054	U		<0.0084	U		<0.0076	U		0.0022	J		<0.047	ND,UJ	UJ	<0.0038	J	U
		VMP-62-5-012816	1/28/2016	0.0089	J		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	ND,UJ	UJ	<0.0046	U	
		VMP-62-5-042516	4/25/2016	0.0086	J		<0.0052	U		<0.0059	U		<0.0093	U		<0.0084	U		<0.005	J	U	<0.052	U		<0.0043	J	U
		VMP-62-5-072616	7/26/2016	0.0074	J		<0.0065	U		<0.0074	U		<0.011	U		<0.01	U		0.0042	J		<0.064	U		0.0011	J	
		VMP-62-5-102416	10/24/2016	<0.0098	J	U	0.001	J		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0015	J	
	10 ft	VMP-62-10-122313	12/23/2013	0.0049	J		0.0015	J		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-62-10-021014	2/10/2014	0.0037	J	J	<0.0048	U		<0.0054	U		<0.0085	U		<0.0077	U		<0.0045	U		<0.047	U		<0.0039	U	
		VMP-62-10-042514	4/25/2014	0.019			<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-62-10-073014	7/30/2014	<0.01	U		0.0017	J		0.003	J		<0.01	U		<0.0096	U		0.00098	J		<0.058	U		<0.0048	U	
		VMP-62-10-102814	10/28/2014	<0.011	ND,UJ	UJ	<0.0062	U		<0.007	U		<0.011	U		<0.01	U		<0.0058	U		<0.061	U		<0.005	U	
		VMP-62-10-020315	2/3/2015	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-62-10-042815	4/28/2015	0.0085	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U	UJ	<0.0048	U	
		VMP-62-10-072415	7/24/2015	<0.01	J	U	<0.0059	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.058	U		<0.0048	U	
		VMP-62-10-102015	10/20/2015	<0.01	U		<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		<0.0057	U		<0.059	ND,UJ	UJ	0.0022	J	
		VMP-62-10-012816	1/28/2016	0.011			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	ND,UJ	UJ	<0.0044	U	
		VMP-62-10-042516	4/25/2016	0.0049	J		<0.0067	U		<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U		<0.0054	U	
		VMP-62-10-072616	7/26/2016	<0.012	U		<0.0068	U		<0.0077	U		<0.012	U		<0.011	U		<0.0064	U		<0.067	U		<0.0056	U	
		VMP-62-10-102416	10/24/2016	<0.0081	J	U	0.0057			0.001	J		<0.0083	U		<0.0076	U		<0.0044	U		<0.046	U		<0.0038	U	
	20 ft	VMP-62-20-122313	12/23/2013	0.0069	J		<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0052	U		<0.054	U		0.0007	J	
		VMP-62-20-122313-Dup	12/23/2013	0.0086	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		0.0011	J	
		VMP-62-20-021014	2/10/2014	<0.0094	U	UJ	<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-62-20-042514	4/25/2014	0.04			<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-62-20-073014	7/30/2014	0.025			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		0.0024	J		<0.055	U		0.00096	J	
		VMP-62-20-102814	10/28/2014	<0.0093	ND,UJ	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-62-20-020315	2/3/2015	0.008	J		0.0022	J		0.0026	J		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0014	J	
		VMP-62-20-042815	4/28/2015	<0.011	U		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		0.0038	J		<0.06	U	UJ	0.0031	J	
		VMP-62-20-072415	7/24/2015	<0.0098	J	U	<0.0057	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-62-20-102015	10/20/2015	0.0057	J		<0.0054	U		<0.0062	U		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	ND,UJ	UJ	0.0026	J	
		VMP-62-20-012816	1/28/2016	0.024			<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		0.0015	J		<0.063	ND,UJ	UJ	<0.0052	U	
		VMP-62-20-042516	4/25/2016	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	J	U
		VMP-62-20-072616	7/26/2016	0.01			<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-62-20-102416	10/24/2016	0.018			0.0051			0.0012	J		<0.0089	U		<0.0081	U		<0.0048	U		<0.05	U		0.0016	J	
	30 ft	VMP-62-30-122313	12/23/2013	<0.0093	U		<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		0.0014	J	
		VMP-62-30-122313-Dup	12/23/2013	<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		0.001	J	
		VMP-62-30-021014	2/10/2014	<0.0096	U	UJ	<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-62-30-042514	4/25/2014	0.012			0.0025	J		0.002	J		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		0.0072		
		VMP-62-30-073014	7/30/2014	0.0062	J		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U	J	0.021		J	<0.056	U		0.0089		
		VMP-62-30-073014-Dup	7/30/2014	0.01			<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		0.0072		J	<0.052	U		0.0042	J	
		VMP-62-30-102814	10/28/2014	<0.0094	ND,UJ	UJ	<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-62-30-020315	2/3/2015	0.0034	J		0.00084	J		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-62-30-042815	4/28/2015	0.0072	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	UJ	<0.0049	U	
		VMP-62-30-072415	7/24/2015	<0.01	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		0.0013	J	
		VMP-62-30-102015	10/20/2015	0.0066	J		<0.0057	U		0.0019	J		0.0016	J		<0.0092	U		<0.0054	U		<0.056	ND,UJ	UJ	0.0034	J	
		VMP-62-30-012816	1/28/2016	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		0.0026	J		<0.062	ND,UJ	UJ	0.007		
		VMP-62-30-012816-DUP	1/28/2016	0.014			<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		0.0017	J		<0.054	ND,UJ	UJ	0.0063		
		VMP-62-30-042516	4/25/2016	0.0033	J		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	J	U
		VMP-62-30-072616	7/26/2016	<0.011	U		0.0049	J		0.0035	J		<0.011	U		<0.01	U		0.0049	J		<0.062	U		0.0033	J	
		VMP-62-30-072616-DUP	7/26/2016	<0.011	U		0.0045	J		0.0048	J		<0.011	U		<0.01	U		0.0039	J		<0.062	U		0.0026	J	
		VMP-62-30-102416	10/24/2016	<0.0094	J	U	<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-62-30-102416-Dup	10/24/2016	<0.0089	J	U	<0.0051	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0048	U		<0.05	U		<0.0042	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-121113	12/11/2013	0.0075	J		0.0021	J		0.0025	J		<0.014	U		<0.013	U		0.002	J		<0.08	U		0.0022	J	
		VMP-63-5-022814	2/28/2014	0.0065	J	J	<0.0055	U		<0.0062	U		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		0.0015	J	
		VMP-63-5-042514	4/25/2014	<0.018	U		<0.011	U		<0.012	U		<0.019	U		<0.017	U		<0.01	U		<0.1	U		<0.0086	U	
		VMP-63-5-073014	7/30/2014	0.0058	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-63-5-102814	10/28/2014	0.005	J	J	<0.0056	U		0.0012	J		<0.0099	U		<0.009	U		0.0018	J		<0.055	U		<0.0046	U	
		VMP-63-5-020315	2/3/2015	0.012			<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-63-5-042815	4/28/2015	<0.011	J	U	<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U	UJ	<0.0052	U	
		VMP-63-5-072415	7/24/2015	<0.01	J	U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-63-5-102615	10/26/2015	<0.01	J	U	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		0.0013	J		<0.056	U		0.0031	J	
		VMP-63-5-012816	1/28/2016	0.0055	J		<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		0.0019	J		<0.056	U		0.0016	J	
		VMP-63-5-042616	4/26/2016	<0.011	U		0.024			0.0044	J		<0.011	U		<0.0098	U		0.052			<0.06	U		0.1		
		VMP-63-5-072516	7/25/2016	<0.011	U		<0.0063	U		<0.0072	U		<0.011	U		<0.01	U		0.003	J		<0.062	U		0.0029	J	
		VMP-63-5-102416	10/24/2016	0.0084	J		0.025			0.003	J		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		0.0011	J	
	10 ft	VMP-63-10-121113	12/11/2013	<0.0097	U		0.0012	J		0.0023	J		<0.0099	U		<0.009	U		0.00065	J		<0.055	U		0.0016	J	
		VMP-63-10-020714	2/7/2014	<0.0092	U	UJ	<0.0053	U		<0.006	U		<0.0094	U		<0.0086	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-63-10-042514	4/25/2014	<0.0093	U		0.0021	J		0.0018	J		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		0.0056		
		VMP-63-10-073014	7/30/2014	0.028			0.0025	J		0.014			<0.0092	U		<0.0084	U		0.0011	J		<0.051	U		<0.0042	U	
		VMP-63-10-102814	10/28/2014	0.005	J	J	<0.0057	U		<0.0064	U		0.0021	J		<0.0091	U		<0.0053	U		<0.056	U		<0.0046	U	
		VMP-63-10-020315	2/3/2015	0.0049	J		<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-63-10-042815	4/28/2015	0.0052	J		<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U	UJ	0.0018	J	
		VMP-63-10-072415	7/24/2015	<0.01	J	U	<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-63-10-102615	10/26/2015	<0.01	J	U	<0.006	U		<0.0068	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-63-10-012816	1/28/2016	0.006	J		<0.0061	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		0.0017	J	
		VMP-63-10-042616	4/26/2016	<0.011	U		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		<0.0052	U	
		VMP-63-10-072516	7/25/2016	0.0074	J		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-63-10-102416	10/24/2016	<0.0099	U		0.00091	J		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0014	J	
	20 ft	VMP-63-20-121213	12/12/2013	0.0065	J		0.001	J		0.0023	J		<0.0093	U		<0.0084	U		0.00065	J		<0.052	U		<0.0043	U	
		VMP-63-20-020714	2/7/2014	<0.0088	U	UJ	<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0041	U	
		VMP-63-20-042514	4/25/2014	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
		VMP-63-20-073014	7/30/2014	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		0.001	J		<0.053	U		0.0017	J	
		VMP-63-20-102814	10/28/2014	0.02	J	J	0.0011	J		<0.0064	U		<0.01	U		<0.0092	U		0.0045	J		<0.056	U		0.0013	J	
		VMP-63-20-102814-DUP	10/28/2014	0.015	J	J	0.0011	J		<0.0069	U		<0.011	U		<0.0098	U		0.0023	J		<0.06	U		<0.0049	U	
		VMP-63-20-020315	2/3/2015	0.014			<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		0.0014	J	
		VMP-63-20-020315-DUP	2/3/2015	0.0082	J		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		0.0015	J	
		VMP-63-20-042815	4/28/2015	0.0091	J		<0.0056	U		<0.0063	U		<0.0098	U		<0.009	U		<0.0053	U		<0.055	U		0.0015	J	
		VMP-63-20-072415	7/24/2015	<0.01		U	0.0012	J		0.0019	J		<0.0098	U		<0.009	U		0.002	J		<0.055	U		<0.0045	U	
		VMP-63-20-102615	10/26/2015	0.18			0.0078			0.0086			<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-63-20-012816	1/28/2016	<0.01	U		<0.0058	U		<0.0065	U		<0.01	U		<0.0093	U		<0.0054	U		<0.056	U		<0.0047	U	
		VMP-63-20-042616	4/26/2016	<0.011	U		<0.0066	U		0.003	J		<0.012	U		<0.01	U		0.01			<0.065	U		0.012		
		VMP-63-20-042616-DUP	4/26/2016	<0.01	U		0.0026	J		0.0056	J		<0.01	U		<0.0096	U		0.0021	J		<0.059	U		0.0016	J	
		VMP-63-20-072516	7/25/2016	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0026	J		<0.06	U		0.0028	J	
		VMP-63-20-102416	10/24/2016	0.016			0.0078			<0.0075	U		<0.012	U		<0.011	U		<0.0063	U		<0.065	U		0.00093	J	
	30 ft	VMP-63-30-121113	12/11/2013	0.0082	J		0.001	J		0.0012	J		<0.0093	U		<0.0084	U		0.0013	J		<0.052	U		0.0019	J	
		VMP-63-30-020714	2/7/2014	<0.0087	U		<0.005	U		<0.0057	U		<0.0088	U		<0.0081	U		<0.0047	U		<0.049	U		0.00066	J	
		VMP-63-30-042514	4/25/2014	<0.0094	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-63-30-042514-DUP	4/25/2014	<0.0098	U		<0.0056	U		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0046	U	
		VMP-63-30-073014	7/30/2014	0.0074	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		0.0019	J		<0.063	U		0.0021	J	
		VMP-63-30-102814	10/28/2014	0.016	J	J	<0.006	U		<0.0068	U		<0.011	U		<0.0097	U		0.002	J		<0.059	U		0.0016	J	
		VMP-63-30-020315	2/3/2015	0.048			<0.0055	U		<0.0062	U		<0.0096	U		<0.0088	U		0.0016	J		<0.054	U		0.0016	J	
		VMP-63-30-042815	4/28/2015	0.038			<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0031	J		<0.06	U		0.0041	J	
		VMP-63-30-072415	7/24/2015	<0.01	J	U	<0.0058	U		<0.0066	U		<0.01	U		<0.0093	U		<0.0055	U		<0.057	U		<0.0047	U	
		VMP-63-30-102615	10/26/2015	0.049			<0.0049	U		<0.0055	U		<0.0086	U		<0.0078	U		<0.0046	U		<0.048	U		<0.0039	U	
		VMP-63-30-102615-DUP	10/26/2015	0.032			<0.0057	U		<0.0065	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-63-30-012816	1/28/2016	<0.0098	U		<0.0056	U		<0.0064	U		<0.01	U		<0.0091	U		<0.0053	U		<0.055	U		0.0014	J	
		VMP-63-30-042616	4/26/2016	0.0065	J		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-63-30-072516	7/25/2016	<0.011	U		<0.0066	U		<0.0075	U		<0.012	U		<0.011	U		<0.0062	U		<0.065	U		<0.0054	U	
		VMP-63-30-072516-DUP	7/25/2016	<0.01	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0057	U		<0.06	U		<0.0049	U	
		VMP-63-30-102416	10/24/2016	0.026			0.022			0.0028	J		<0.0096	U		<0.0088	U		<0.0051	U		<0.054	U		<0.0044	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Ethanol			Ethylbenzene			4-Ethyltoluene			Freon 113			Freon 114			Heptane			Hexachlorobutadiene			Hexane		
							1.3																				
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-122313	12/23/2013	<0.0097	U		0.017			0.031			<0.0098	U		<0.009	U		0.024			<0.055	U		0.0062		
		VMP-64-5-022814	2/28/2014	0.014	J	J	<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-64-5-042514	4/25/2014	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		<0.0045	U	
		VMP-64-5-073114	7/31/2014	0.11			<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-64-5-102814	10/28/2014	0.007	J	J	0.00095	J		<0.0062	U		<0.0096	U		<0.0088	U		0.0025	J		<0.054	U		<0.0044	U	
		VMP-64-5-020315	2/3/2015	0.01			<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		<0.0045	U	
		VMP-64-5-042815	4/28/2015	0.0075	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		<0.0055	U		<0.057	U		0.0014	J	
		VMP-64-5-072415	7/24/2015	<0.012		U	<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		0.0014	J		<0.06	U		0.0027	J	
		VMP-64-5-102615	10/26/2015	0.0052	J		<0.0052	U		<0.0058	U		<0.0091	U		<0.0083	U		<0.0049	U		<0.051	U		0.0014	J	
		VMP-64-5-012816	1/28/2016	<0.011	U		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		<0.0058	U		<0.06	U		<0.005	U	
		VMP-64-5-042616	4/26/2016	<0.012	U		<0.0069	U		<0.0078	U		<0.012	U		<0.011	U		<0.0065	U		<0.068	U		<0.0056	U	
		VMP-64-5-080216	8/2/2016	0.0054	J		<0.0059	U		<0.0067	U		<0.01	U		<0.0095	U		<0.0056	U		<0.058	U		<0.0048	U	
		VMP-64-5-080216-DUP	8/2/2016	0.0093	J		<0.0065	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.064	U		<0.0052	U	
		VMP-64-5-102416	10/24/2016	<0.0091	J	U	<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
	10 ft	VMP-64-10-122313	12/23/2013	0.0051	J		0.00086	J		0.0014	J		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-64-10-021014	2/10/2014	<0.0091	U		<0.0052	U		<0.0059	U		<0.0092	U		<0.0084	U		<0.0049	U		<0.051	U		<0.0042	U	
		VMP-64-10-042514	4/25/2014	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0086	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-64-10-073114	7/31/2014	0.033			<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-64-10-102814	10/28/2014	0.024	J	J	0.0011	J		<0.0074	U		<0.012	U		<0.01	U		0.0035	J		<0.065	U		0.0017	J	
		VMP-64-10-020315	2/3/2015	<0.011	U		<0.0063	U		<0.0071	U		<0.011	U		<0.01	U		<0.0059	U		<0.062	U		<0.0051	U	
		VMP-64-10-042815	4/28/2015	0.0072	J		<0.0064	U		<0.0072	U		<0.011	U		<0.01	U		<0.006	U		<0.063	U		0.0016	J	
		VMP-64-10-072415	7/24/2015	<0.0094	J	U	<0.0054	U		<0.0061	U		<0.0096	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-64-10-102615	10/26/2015	0.0072	J		<0.0064	U		<0.0073	U		<0.011	U		<0.01	U		<0.0061	U		<0.063	U		0.0017	J	
		VMP-64-10-012816	1/28/2016	0.0062	J		<0.0057	U		<0.0064	U		<0.01	U		<0.0092	U		<0.0054	U		<0.056	U		<0.0046	U	
		VMP-64-10-042616	4/26/2016	<0.01	U		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.00087	J		<0.057	U		0.0013	J	
		VMP-64-10-072216	7/22/2016	0.0055	J		<0.0047	U		<0.0053	U		<0.0083	U		<0.0076	U		0.006			<0.046	U		0.0026	J	
		VMP-64-10-102416	10/24/2016	<0.0089	J	U	<0.0051	U		<0.0058	U		<0.009	U		<0.0082	U		<0.0048	U		<0.05	U		<0.0042	U	
	20 ft	VMP-64-20-122313	12/23/2013	0.0043	J		0.00083	J		<0.0064	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.0011	J	
		VMP-64-20-122313-Dup	12/23/2013	<0.0095	U		0.0016	J		0.002	J		<0.0097	U		<0.0088	U		<0.0052	U		<0.054	U		0.0011	J	
		VMP-64-20-021014	2/10/2014	<0.0093	U		<0.0054	U		<0.0061	U		<0.0095	U		<0.0087	U		<0.0051	U		<0.053	U		<0.0044	U	
		VMP-64-20-042514	4/25/2014	0.01			<0.0053	U		<0.006	U		<0.0094	U		<0.0085	U		<0.005	U		<0.052	U		<0.0043	U	
		VMP-64-20-073114	7/31/2014	<0.0096	U		<0.0055	U		<0.0062	U		<0.0097	U		<0.0089	U		<0.0052	U		<0.054	U		<0.0045	U	
		VMP-64-20-102814	10/28/2014	0.025	J	J	0.0013	J		0.0017	J		<0.01	U		<0.0091	U		0.0048	J		<0.055	U		0.0017	J	
		VMP-64-20-020315	2/3/2015	0.014			<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.00098	J		<0.057	U		0.0018	J	
		VMP-64-20-042815	4/28/2015	<0.011	U		<0.0064	U		0.0051	J		<0.011	U		<0.01	U		<0.006	U		<0.063	U		0.0014	J	
		VMP-64-20-072415	7/24/2015	<0.01	J	U	<0.006	U		<0.0068	U		<0.01	U		<0.0096	U		<0.0056	U		<0.059	U		<0.0049	U	
		VMP-64-20-102615	10/26/2015	<0.011	U		<0.0061	U		<0.0069	U		<0.011	U		<0.0098	U		<0.0058	U		<0.06	U		0.0015	J	
		VMP-64-20-012816	1/28/2016	0.0044	J		<0.0058	U		<0.0066	U		<0.01	U		<0.0094	U		0.0022	J		<0.057	U		0.0035	J	
		VMP-64-20-042616	4/26/2016	0.44		J	0.0086			0.008			<0.01	U		<0.0096	U		0.0091			<0.059	U		0.016		
		VMP-64-20-042616-DUP	4/26/2016	0.0096	J	J	0.0097			0.0085			<0.01	U		<0.0094	U		0.01			<0.057	U		0.018		
		VMP-64-20-072216	7/22/2016	<0.0097	U		<0.0056	U		<0.0063	U		<0.0099	U		<0.009	U		<0.0053	U		<0.055	U		0.00093	J	
		VMP-64-20-072216-DUP	7/22/2016	0.0098	J		<0.0062	U		<0.007	U		<0.011	U		<0.0099	U		0.0049	J		<0.06	U		<0.005	U	
		VMP-64-20-102416	10/24/2016	<0.0087	J	U	0.00077	J		<0.0056	U		<0.0088	U		<0.008	U		0.002	J		<0.049	U		0.004	J	
		VMP-64-20-102416-Dup	10/24/2016	<0.0096	U		<0.0056	U		<0.0063	U		<0.0098	U		<0.0089	U		<0.0052	U		<0.055	U		0.0026	J	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<1.9	U					<0.58	U		<0.49	U		<0.43	U					<1.2	U		<0.58	U	
		VMP-1-5-082510	8/25/2010	<0.07	U					<0.021	U		<0.017	U		<0.015	U					<0.042	U		<0.021	U	
		VMP-1-5-111710	11/17/2010	<0.084	U					<0.025	U		<0.021	U		<0.018	U					<0.051	U		<0.025	U	
		VMP-1-5-020411	2/4/2011	<1.6	U					<0.5	U		<0.41	U		<0.36	U					1.9			<0.5	U	
		VMP-1-5-041211	4/12/2011	<0.022	U		0.099			0.0019	J		<0.0054	U		<0.0048	U					0.0032	J		0.0038	J	
		VMP-1-5-080111	8/1/2011	0.0024	J		0.45			0.03			0.081			<0.0048	U					0.026			0.0013	J	
		VMP-1-5-110311	11/3/2011	<57	U		2100			<17	U		<14	U		<13	U					<34	U		<17	U	
		VMP-1-5-013012	1/30/2012	<4.8	U		3000		J	<1.4	U		<1.2	U		<1	U					<2.9	U		<1.4	U	
		VMP-1-5-041312	4/13/2012	<0.015	U		0.011			0.007			0.025			<0.0032	U					0.04			<0.0044	U	
		VMP-1-5-071612	7/16/2012	0.0041	J		0.042			0.062			0.3			<0.0033	U					0.13			0.0027	J	
		VMP-1-5-101112	10/11/2012	<0.038	UJ	UJ	4.8			<0.011	U		<0.0094	U		<0.0083	U					<0.023	U		<0.011	U	
		VMP-1-5-012113	1/21/2013	<0.42	U		22			<0.13	U		0.024	J		<0.093	U		0.031	J		0.15	J		<0.13	U	
		VMP-1-5-012313-R	1/23/2013	<19	U		2600			<5.7	U		<4.8	U		<4.2	U		<24	ND,J	UJ	<11	U		<5.7	U	
		VMP-1-5-050813	5/8/2013	<0.023	U		0.0048	J		<0.007	U		0.004	J		<0.0052	U					0.0068	J		<0.007	U	
		VMP-1-5-072913	7/29/2013	<0.024	U		0.094			0.0014	J		0.0014	J		<0.0054	U					0.0058	J		<0.0073	U	
		VMP-1-5-072913-Dup	7/29/2013	<0.024	U		0.12			0.0013	J		<0.0061	U		<0.0054	U					0.0057	J		<0.0073	U	
		VMP-1-5-110413	11/4/2013	<0.02	U		0.0086	J		0.00022	J		0.00058	J		<0.0043	U					0.03			0.00024	J	
		VMP-1-5-020714	2/7/2014	<0.021	U		0.045			<0.0064	U		<0.0054	U		<0.0047	U	UJ				<0.013	U		<0.0064	U	
		VMP-1-5-043014	4/30/2014	<0.019	U		0.04			<0.0056	U		0.0013	J		<0.0041	U					0.015			<0.0056	U	
		VMP-1-5-080714	8/7/2014	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0042	U					0.0034	J		<0.0058	U	
		VMP-1-5-103114	10/31/2014	<0.022	U		0.01	J		<0.0068	J	U	<0.0056	U		<0.005	U					0.013	J		<0.0068	U	
		VMP-1-5-020915	2/9/2015	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0043	U					0.11			<0.0058	U	
		VMP-1-5-050515	5/5/2015	0.012	J		0.0042	J		<0.007	J	U	0.014			<0.0051	U					0.012	J		<0.007	J	U
		VMP-1-5-073015	7/30/2015	0.0088	J		<0.016	U		0.0055	J		0.0032	J		<0.0048	U					0.007	J		<0.0066	U	
		VMP-1-5-110315	11/3/2015	0.0014	J		0.0039	J		<0.0069	U		<0.0057	J	U	<0.005	U					0.018			<0.0069	U	
		VMP-1-5-020316	2/3/2016	0.0027	J		0.0028	J		0.0026	J		<0.0054	U		<0.0048	U					0.006	J		<0.0065	U	
		VMP-1-5-050316	5/3/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0047	U					0.0019	J		<0.0065	U	
		VMP-1-5-072516	7/25/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U					0.037			<0.0067	U	
		VMP-1-5-102816	10/28/2016	<0.02	U		0.0034	J		<0.0059	J	U	0.004	J		<0.017	U		<0.013	U		0.021			0.0022	J	
	8.5 ft	VMP-1-8.5	11/2/2009	<2.7	U					<0.8	U		<0.67	U		<0.59	U					<1.6	U		<0.8	U	
		VMP-1-8.5-082510	8/25/2010	<0.21	U					<0.063	U		<0.053	U		<0.046	U					<0.13	U		<0.063	U	
		VMP-1-8.5-111710	11/17/2010	<0.04	U					<0.012	U		<0.01	U		<0.0089	U					<0.024	U		0.0022	J	
		VMP-1-8.5-111710-Dup	11/17/2010	<0.04	U					<0.012	U		<0.01	U		0.00094	J					0.015	J		0.0021	J	
		VMP-1-8.5-020411	2/4/2011	<3.2	U					<0.98	U		<0.81	U		<0.72	U					<2	U		<0.98	U	
		VMP-1-8.5-041211	4/12/2011	<0.028	U		0.046			0.0013	J		<0.0071	U		<0.0063	U					<0.017	U		0.0025	J	
		VMP-1-8.5-080111	8/1/2011	<12	U		1300			<3.5	U		<2.9	U		<2.6	U					<7.1	U		<3.5	U	
		VMP-1-8.5-080111-Dup	8/1/2011	<12	U		1300			<3.5	U		<2.9	U		<2.5	U					<6.9	U		<3.5	U	
		VMP-1-8.5-110311	11/3/2011	<130	U		4500			<40	U		<33	U		<29	U					<79	U		<40	U	
		VMP-1-8.5-013012	1/30/2012	<29	U		3200		J	<8.6	U		<7.2	U		<6.3	U					<17	U		<8.6	U	
		VMP-1-8.5-041612	4/16/2012	<0.017	U		0.1		J	0.0094			0.024			<0.0038	U					0.021			0.00093	J	
		VMP-1-8.5-041612-Dup	4/16/2012	<0.017	U		0.19		J	0.0097			0.022			<0.0037	U					0.022			0.00083	J	
		VMP-1-8.5-071612	7/16/2012	0.0033	J		0.0055	J		0.067			0.26			<0.0033	U					0.097			<0.0045	J	U
		VMP-1-8.5-101112	10/11/2012	<0.023	UJ	UJ	0.22			<0.0069	U		<0.0058	U		<0.0051	U					0.0012	J		<0.0069	U	
		VMP-1-8.5-012113	1/21/2013	<0.41	U		36			<0.12	U		<0.1	U		<0.09	U		<0.52	U		<0.25	U		<0.12	U	
		VMP-1-8.5-012313-R	1/23/2013	<0.38	U		99			<0.11	U		<0.095	U		<0.084	U		<0.49	U		<0.23	U		<0.11	U	
		VMP-1-8.5-050813	5/8/2013	<0.025	U		0.17			<0.0075	U		0.0021	J		<0.0055	U					0.028			<0.0075	U	
		VMP-1-8.5-072913	7/29/2013	<0.024	U		0.0064	J		<0.0073	U		<0.0061	U		<0.0053	U					<0.014	U		<0.0073	U	
		VMP-1-8.5-110413	11/4/2013	<0.02	U		0.0035	J		0.00019	J		0.00079	J		<0.0044	U					0.032			<0.006	U	
		VMP-1-8.5-020714	2/7/2014	<0.019	U		<0.014	U		<0.0056	U		<0.0047	U		<0.0041	U	UJ				<0.011	U		<0.0056	U	
		VMP-1-8.5-043014	4/30/2014	<0.019	U		0.0015	J		<0.0058	U		<0.0048	U		<0.0042	U					0.0099	J		<0.0058	U	
		VMP-1-8.5-080714	8/7/2014	0.0027	J		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.0064	J		<0.0066	U	
		VMP-1-8.5-103114	10/31/2014	<0.022	U		0.0076	J		<0.0065	U		<0.0054	U		<0.0048	U					0.004	J		<0.0065	U	
		VMP-1-8.5-020915	2/9/2015	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0042	U					0.0067	J		<0.0058	U	
		VMP-1-8.5-050515	5/5/2015	0.0047	J		<0.016	U		<0.0068	U		0.0087			<0.005	U					0.014			<0.0068	U	
		VMP-1-8.5-073015	7/30/2015	0.004	J		<0.016	U		0.00079	J		0.0017	J		<0.0049	U					0.0054	J		<0.0067	U	
		VMP-1-8.5-110315	11/3/2015	<0.02	U		0.0058	J		<0.006	U		<0.005	J	U	<0.0044	U					0.0061	J		<0.006	U	
		VMP-1-8.5-020316	2/3/2016	0.0018	J		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.0077	J		<0.0068	U	
		VMP-1-8.5-050316	5/3/2016	0.001	J		0.02			<0.0069	U		<0.0058	U		<0.0051	U					0.0052	J		<0.0069	U	
		VMP-1-8.5-072516	7/25/2016	<0.02	U		0.025			<0.006	U		<0.005	U		<0.018	U					0.057			<0.006	U	
		VMP-1-8.5-102816	10/28/2016	<0.018	U		0.019			<0.0054	U		<0.0045	U		<0.016	U		<0.012	U		0.1			<0.0054	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	23.5 ft	VMP-1-23.5	11/2/2009	<6.5	U					<1.9	U		<1.6	U		<1.4	U					<3.9	U		<1.9	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	<7.3	U					<2.2	U		<1.8	U		<1.6	U					<4.4	U		<2.2	U	
		VMP-1-23.5-111810	11/17/2010	<0.02	U					<0.0061	U		<0.005	U		0.00052	J					0.0052	J		<0.0061	U	
		VMP-1-23.5-020411	2/4/2011	<19	U					<5.7	U		<4.8	U		<4.2	U					<11	U		<5.7	U	
		VMP-1-23.5-041211	4/12/2011	<31	U		900		J	<9.3	U		<7.8	U		<6.8	U					12	J		<9.3	U	
		VMP-1-23.5-041211-DUP	4/12/2011	<39	U		1300		J	<12	U		<9.8	U		<8.6	U					8.1	J		<12	U	
		VMP-1-23.5-080111	8/1/2011	<210	U		16000			<63	U		<53	U		<46	U					14	J		<63	U	
		VMP-1-23.5-110611	11/6/2011	<50	U		6000			<15	U		<12	U		<11	U					<30	U		<15	U	
		VMP-1-23.5-013112	1/31/2012	<98	U		5600			<29	U		<24	U		<22	U					<59	U		<29	U	
		VMP-1-23.5-041612	4/16/2012	<7.8	U		940			1.7	J		<2	U		<1.7	U					<4.7	U		<2.3	U	
		VMP-1-23.5-071612	7/16/2012	<99	U		6500			<30	U		<25	U		<22	U					<59	U		<30	U	
		VMP-1-23.5-102412	10/24/2012	<200	U		2100			<59	U		<49	U		<43	U					<120	U		<59	U	
		VMP-1-23.5-012113	1/21/2013	<0.22	U	UJ	14		J	<0.066	U	UJ	<0.055	U	UJ	<0.048	U	UJ	<0.28	U	UJ	<0.13	U	UJ	<0.066	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	<260	U		15000			<79	U		<66	U		<58	U		<340	ND,J	UJ	<160	U		<79	U	
		VMP-1-23.5-050813	5/8/2013	<0.25	U		27			<0.076	U		<0.063	U		<0.056	U					<0.15	U		<0.076	U	
		VMP-1-23.5-050813-Dup	5/8/2013	<0.24	U		28			<0.072	U		<0.06	U		<0.052	U					<0.14	U		<0.072	U	
		VMP-1-23.5-072913	7/29/2013	<0.024	U		0.044			<0.0073	U		<0.0061	U		<0.0053	U					<0.014	U		<0.0073	U	
		VMP-1-23.5-110413	11/4/2013	<0.019	U		0.054			<0.0058	U		0.00036	J		<0.0043	U					0.011	J		<0.0058	U	
		VMP-1-23.5-020714	2/7/2014	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U	UJ				<0.012	U		<0.006	U	
		VMP-1-23.5-043014	4/30/2014	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.004	U					0.0063	J		<0.0055	U	
		VMP-1-23.5-080714	8/7/2014	<0.02	U		0.024			<0.006	J	U	<0.005	U		<0.0044	U					0.019			<0.006	U	
		VMP-1-23.5-103114	10/31/2014	<0.02	U		0.0037	J		0.0016	J		<0.005	U		<0.0044	U					<0.012	U		0.0051	J	
		VMP-1-23.5-020915	2/9/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0067	J		<0.006	U	
		VMP-1-23.5-050515	5/5/2015	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.0032	J		<0.0061	U	
		VMP-1-23.5-073015	7/30/2015	<0.025	U		<0.018	U		<0.0075	U		0.0018	J		<0.0055	U					<0.015	U		<0.0075	U	
		VMP-1-23.5-110315	11/3/2015	<0.021	U		0.0077	J		<0.0063	U		<0.0052	U		<0.0046	U					0.0028	J		<0.0063	U	
		VMP-1-23.5-020316	2/3/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0048	J		<0.0067	U	
		VMP-1-23.5-050316	5/3/2016	0.0013	J		<0.017	U		<0.007	U		<0.0059	U		<0.0052	U					0.0025	J		<0.007	U	
		VMP-1-23.5-050316-DUP	5/3/2016	0.0011	J		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.0018	J		<0.0068	U	
		VMP-1-23.5-072516	7/25/2016	<0.021	U		0.0049	J		<0.0063	U		<0.0053	U		<0.018	U					0.014			<0.0063	U	
		VMP-1-23.5-072516-DUP	7/25/2016	<0.023	U		0.0046	J		<0.0068	U		<0.0056	U		<0.02	U					0.0094	J		0.0017	J	
		VMP1-23.5-102816	10/28/2016	<0.02	U		0.065			0.0057	J		0.007			<0.018	U		<0.013	U		0.1			0.0055	J	
	38.5 ft	VMP-1-38.5	11/2/2009	<18	U					<5.5	U		<4.6	U		<4	U					<11	U		<5.5	U	
		VMP-1-38.5-073112	7/31/2012	0.0024	J		0.0088	J		0.032			0.069			0.0004	J					0.013			0.00058	J	
		VMP-1-38.5-102612	10/26/2012	<11	U		1700			<3.2	U		<2.7	U		<2.3	U					<6.4	U		<3.2	U	
		VMP-1-38.5-012113	1/21/2013	<0.14	U	UJ	7.4		J	<0.043	U	UJ	<0.036	U	UJ	<0.032	U	UJ	<0.092	U	UJ	<0.086	U	UJ	<0.043	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	<190	U		8200			<58	U		<49	U		<43	U		<250	ND,J	UJ	<120	U		<58	U	
		VMP-1-38.5-050913	5/9/2013	<620	U		38000			<190	U		<160	U		<140	UJ	UJ				<380	U		<190	U	
		VMP-1-38.5-020714	2/7/2014	<0.2	U		14		J	<0.059	U		<0.049	U		<0.043	U					0.016	J		<0.059	U	
		VMP-1-38.5-020714-Dup	2/7/2014	<0.21	U		20		J	<0.062	U		<0.052	U		<0.046	U					<0.12	U		<0.062	U	
		VMP-1-38.5-043014	4/30/2014	<0.2	U		6.7			<0.06	U		<0.05	U		<0.044	U					<0.12	U		<0.06	U	
		VMP-1-38.5-080714	8/7/2014	<5.1	U		600			<1.5	U		<1.3	U		<1.1	U					<3	U	UJ	<1.5	U	
		VMP-1-38.5-103114	10/31/2014	<0.2	U		3			<0.059	U		<0.05	U		<0.044	U					<0.12	U		<0.059	U	
		VMP-1-38.5-020915	2/9/2015	<2.2	U		33			<0.65	U		0.29	J		0.24	J					0.5	J		0.1	J	
		VMP-1-38.5-020915-DUP	2/9/2015	<2.1	U		30			<0.62	U		0.22	J		<0.46	U					<1.2	U		0.1	J	
		VMP-1-38.5-050515	5/5/2015	<2.2	U		200			<0.65	U		<0.54	U		<0.48	U					0.44	J		<0.65	U	
		VMP-1-38.5-061515-R	6/15/2015	<0.24	U		27			<0.072	U		<0.06	U		<0.052	U					<0.14	U		<0.072	U	
		VMP-1-38.5-073015	7/30/2015	0.0028	J		0.0059	J		0.0011	J		0.0018	J		<0.0053	U					0.017			<0.0072	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	5 ft	VMP-2-5	11/2/2009	<2.4	U					<0.72	U		<0.6	U		<0.52	U					<1.4	U		<0.72	U	
		VMP - 2 - 5 - 083110	8/31/2010	<7.3	U					<2.2	U		<1.8	U		<1.6	U					<4.4	U		<2.2	U	
		VMP-2-5-111610	11/16/2010	<11	U					<3.2	U		<2.7	U		<2.4	U					<6.5	U		<3.2	U	
		VMP-2-5-020411	2/4/2011	<2.8	U					<0.85	U		<0.71	U		<0.62	U					<1.7	U		<0.85	U	
		VMP-2-5-041311	4/13/2011	<0.023	U		0.1			0.0013	J		<0.0057	U		0.00046	J					<0.014	U		0.0022	J	
		VMP-2-5-080211	8/2/2011	<24	U		6800			<7.1	U		<5.9	U		<5.2	U					<14	U		<7.1	U	
		VMP-2-5-110711	11/7/2011	0.00074	J		<0.01	U		0.0044			0.033			<0.0031	U					0.016			0.00028	J	
		VMP-2-5-012512	1/25/2012	<1.6	U		2.3			<0.48	U		<0.4	U		<0.35	U					0.75	J		<0.48	U	
		VMP-2-5-042512	4/25/2012	<0.062	U		0.31			0.033			0.27			<0.014	U					0.04			<0.019	U	
		VMP-2-5-071612	7/16/2012	0.0046	J		0.22			0.079			0.31			<0.0034	U					0.1			<0.0046	J	U
		VMP-2-5-102412	10/24/2012	<0.023	U		0.019			0.052			0.11			<0.0052	U					0.044			<0.007	U	
		VMP-2-5-013113	1/31/2013	<0.023	U		0.0044	J		<0.0068	U		0.002	J		<0.005	U		<0.014	U		0.039			<0.0068	J	U
		VMP-2-5-050613	5/6/2013	0.0097	J		0.014	J		0.019			0.0031	J		<0.0046	U					0.24			0.0022	J	
		VMP-2-5-022614	2/26/2014	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					<0.012	U		<0.0061	U	
		VMP-2-5-050114	5/1/2014	<0.023	U		<0.016	U		<0.0069	U		<0.0057	U		<0.005	U					<0.014	U		<0.0069	U	
		VMP-2-5-111014	11/10/2014	<0.018	U		0.21			<0.0053	U		<0.0044	U		<0.0039	U					0.0021	J		<0.0053	U	
		VMP-2-5-021015	2/10/2015	<0.022	U		0.006	J		0.13			<0.0054	U		<0.0048	U					0.0041	J		0.21		
		VMP-2-5-050615	5/6/2015	0.0042	J		<0.017	U		<0.0072	U		<0.006	U		<0.0052	U					0.017		J	<0.0072	U	
		VMP-2-5-110415	11/4/2015	0.001	J		0.016			<0.0061	U		<0.0051	J	U	<0.0045	U					0.0069	J		<0.0061	U	
		VMP-2-5-020116	2/1/2016	<0.02	U		0.0032	J		<0.0059	U		<0.005	U		<0.0044	U					0.0097	J		<0.0059	U	
		VMP-2-5-042716	4/27/2016	<0.025	U		0.007	J		<0.0076	U		<0.0064	U		<0.0056	U					0.0073	J		<0.0076	U	
		VMP-2-5-072616	7/26/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U					0.0061	J		<0.0064	U	
		VMP-2-5-102616	10/26/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		<0.014	U		0.013	J		<0.0067	U	
	8.5 ft	VMP-2-8.5	11/3/2009	<0.84	U					<0.25	U		<0.21	U		<0.18	U					<0.5	U		<0.25	U	
		VMP-2-8.5-D	11/3/2009	<0.88	U					<0.26	U		<0.22	U		<0.19	U					<0.53	U		<0.26	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	<7.5	U					<2.3	U		<1.9	U		<1.6	U					<4.5	U		<2.3	U	
		VMP-2-8.5-111610	11/16/2010	<21	U					<6.2	U		<5.2	U		<4.5	U					<12	U		<6.2	U	
		VMP-2-8.5-020411	2/4/2011	<7	U					<2.1	U		<1.8	U		<1.6	U					<4.2	U		<2.1	U	
		VMP-2-8.5-041311	4/13/2011	<2.2	U		3.5			0.18	J		0.18	J		<0.47	U					<1.3	U		<0.65	U	
		VMP-2-8.5-080211	8/2/2011	<87	U		8300			<26	U		<22	U		<19	U					11	J		<26	U	
		VMP-2-8.5-110711	11/7/2011	<0.19	U		<0.13	U		<0.056	U		0.017	J		<0.041	U					<0.11	U		<0.056	U	
		VMP-2-8.5-012612	1/26/2012	<8.3	U		860			<2.5	U		<2.1	U		<1.8	U					<5	U		<2.5	U	
		VMP-2-8.5-012612-DUP	1/26/2012	<8.3	U		1000		J	<2.5	U		<2.1	U		<1.8	U					<5	U		<2.5	U	
		VMP-2-8.5-041612	4/16/2012	<0.016	U		0.032			0.0084			0.028			<0.0035	U					0.023			0.00091	J	
		VMP-2-8.5-041612-Dup	4/16/2012	<0.016	U		0.012			0.0088			0.028			<0.0036	U					0.024			0.00098	J	
		VMP-2-8.5-071612	7/16/2012	0.0038	J		0.056		J	0.032			0.13			<0.004	U					0.065			<0.0055	J	U
		VMP-2-8.5-071612-Dup	7/16/2012	0.0052	J		0.02		J	0.035			0.13			<0.0033	U					0.062			<0.0045	J	U
		VMP-2-8.5-102312	10/23/2012	<0.024	U		0.75			0.0015	J		0.0077			<0.0052	U					0.0032	J		<0.0072	J	U
		VMP-2-8.5-020513	2/5/2013	<0.024	U		0.059			<0.0073	U		0.0015	J		<0.0053	U		<0.016	U	UJ	0.01	J		<0.0073	U	
		VMP-2-8.5-050613	5/6/2013	<0.023	U		0.0033	J		<0.0068	U		<0.0057	U		<0.005	U					0.0029	J		<0.0068	U	
		VMP-2-8.5-050613-Dup	5/6/2013	<0.022	U		0.0053	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0014	J		<0.0066	U	
		VMP-2-8.5-022614	2/26/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					<0.012	U		<0.0062	U	
		VMP-2-8.5-050114	5/1/2014	<0.021	U		0.039			<0.0062	U		<0.0052	U		<0.0046	U					<0.012	U		<0.0062	U	
		VMP-2-8.5-081514	8/15/2014	<0.026	U		0.0085	J		<0.0078	U		0.0034	J		<0.0057	U					0.0044	J		<0.0078	U	
		VMP-2-8.5-081514-DUP	8/15/2014	<0.027	U		0.009	J		<0.0082	U		<0.0068	U		<0.006	U					<0.016	U		<0.0082	U	
		VMP-2-8.5-111014	11/10/2014	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					<0.014	U		<0.0073	U	
		VMP-2-8.5-021015	2/10/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-2-8.5-050615	5/6/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.065		J	<0.0068	U	
		VMP-2-8.5-110415	11/4/2015	0.001	J		0.0067	J		<0.0069	U		<0.0057	J	U	<0.005	U					0.03			<0.0069	U	
		VMP-2-8.5-021616	2/16/2016	0.0029	J		0.002	J		<0.0078	U		0.0015	J		0.0019	J					0.037			<0.0078	U	
		VMP-2-8.5-042716	4/27/2016	0.0019	J		<0.018	U		<0.0076	U		<0.0064	U		<0.0056	U					0.0067	J		<0.0076	U	
		VMP-2-8.5-072616	7/26/2016	<0.024	U		<0.017	U		0.0022	J		<0.006	U		<0.021	U					0.16			<0.0072	U	
		VMP-2-8.5-102616	10/26/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.014	U		0.0035	J		<0.0066	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600									0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	22 ft	VMP-2-22	11/3/2009	<4.6	U					<1.4	U		<1.1	U		<1	U					<2.8	U		<1.4	U	
		VMP - 2 - 22 - 083110	8/31/2010	<12	U					<3.5	U		<2.9	U		<2.5	U					<6.9	U		<3.5	U	
		VMP-2-22-111610	11/16/2010	<22	U					<6.5	U		<5.4	U		<4.8	U					<13	U		<6.5	U	
		VMP-2-22-020411	2/4/2011	<9.7	U					<2.9	U		<2.4	U		<2.1	U					<5.8	U		<2.9	U	
		VMP-2-22-041311	4/13/2011	<28	U		1400			<8.6	U		1.6	J		<6.3	U					<17	U		<8.6	U	
		VMP-2-22-080211	8/2/2011	<120	U		8600			<35	U		<29	U		<25	U					<69	U		<35	U	
		VMP-2-22-110711	11/7/2011	<6.1	U		560			<1.8	U		<1.5	U		<1.3	U					<3.7	U		<1.8	U	
		VMP-2-22-012612	1/26/2012	<13	U		1200		J	<3.8	U		<3.2	U		<2.8	U					<7.6	U		<3.8	U	
		VMP-2-22-042712	4/27/2012	<0.013	U		0.031			0.0088			0.077			<0.0029	U					0.02			<0.004	U	
		VMP-2-22-071612	7/16/2012	0.0058	J		0.04			0.065			0.29			<0.0034	U					0.2			<0.0047	J	U
		VMP-2-22-102312	10/23/2012	<0.024	U		0.13			<0.0072	U		0.003	J		<0.0052	U					0.002	J		<0.0072	U	
		VMP-2-22-013113	1/31/2013	<0.022	U		0.0044	J		<0.0066	U		<0.0055	U		<0.0048	U		<0.014	U		0.0057	J		<0.0066	U	
		VMP-2-22-050613	5/6/2013	<0.023	U		0.0027	J		<0.0068	U		<0.0057	U		<0.005	U					0.0029	J		<0.0068	U	
		VMP-2-22-081213	8/12/2013	<0.025	U		0.4			0.022			<0.0063	U		<0.0056	U					<0.015	U		0.05		
		VMP-2-22-111513	11/15/2013	<0.022	U		0.039			0.027			<0.0055	U		<0.0048	U					0.0067	J		0.069		
		VMP-2-22-022614	2/26/2014	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.011	J		<0.0061	U	
		VMP-2-22-050114	5/1/2014	<0.019	U		0.017			<0.0058	U		<0.0048	U		<0.0042	U					0.0075	J		<0.0058	U	
		VMP-2-22-081414	8/14/2014	<0.025	U		0.0069	J		<0.0076	U		<0.0063	U		<0.0056	U					0.0023	J		<0.0076	U	
		VMP-2-22-111014	11/10/2014	0.003	J		0.014			0.0068			<0.0048	U		<0.0042	U					0.0088	J		0.011		
		VMP-2-22-021015	2/10/2015	<0.021	U		0.0085	J		<0.0063	U		<0.0053	U		<0.0046	U					0.038		J	<0.0063	U	
		VMP-2-22-021015-DUP	2/10/2015	<0.021	U		0.0061	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0039	J	J	<0.0062	U	
		VMP-2-22-050615	5/6/2015	0.0032	J		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					0.011	J	J	<0.0073	U	
		VMP-2-22-073015	7/30/2015	<0.022	ND,UJ	UJ	<0.016	U		<0.0065	U		0.0025	J		<0.0048	U					0.0028	J		<0.0065	U	
		VMP-2-22-110415	11/4/2015	0.0016	J		0.026			<0.0065	U		<0.0054	J	U	<0.0048	U					0.34			<0.0065	U	
		VMP-2-22-020116	2/1/2016	<0.023	U		0.0061	J		<0.0069	U		<0.0058	U		<0.0051	U					0.014			<0.0069	U	
		VMP-2-22-020116-DUP	2/1/2016	<0.024	U		0.0059	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0033	J		<0.0071	U	
		VMP-2-22-042716	4/27/2016	0.0016	J		<0.019	U		<0.0078	U		<0.0065	U		<0.0058	U					0.004	J		<0.0078	U	
		VMP-2-22-072616	7/26/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.021	U					0.012	J		<0.007	U	
		VMP-2-22-102616	10/26/2016	0.0041	J		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.014	U		0.013			<0.0066	U	
	42 ft	VMP-2-42	11/3/2009	<90	U					<27	U		<22	U		<20	U					<54	U		<27	U	
		VMP-2-42-013113	1/31/2013	<210	U		14000			<64	U		35	J		<47	U		<140	U		90	J		9.5	J	
		VMP-2-42-050613	5/6/2013	<90	U		13000			<27	U		<22	U		<20	U					<54	U		<27	U	
		VMP-2-42-022614	2/26/2014	<200	ND,UJ	UJ	24000			<60	U		<50	U		<44	U					<120	U		<60	U	
		VMP-2-42-050114	5/1/2014	<19	U		12000			<5.6	U		<4.7	U		<4.1	U					<11	U		<5.6	U	
		VMP-2-42-081414	8/14/2014	<92	U		20000			<28	U		<23	U		<20	U					<55	U	UJ	<28	U	
		VMP-2-42-021015	2/10/2015	<19	U		20000			<5.8	U		<4.9	U		<4.3	U					<12	U		<5.8	U	
		VMP-2-42-050615	5/6/2015	<280	U		29000			<84	U		<70	U		<61	U					<170	U		<84	U	
		VMP-2-42-061515-R	6/15/2015	<220	U		45000	E	J	<67	U		<56	U		<49	U					<130	U		<67	U	
		VMP-2-42-073015	7/30/2015	<1300	U		32000			<400	U		<330	U		<290	U					<800	U		<400	U	
VMP-3	5 ft	VMP-3-5	11/3/2009	<0.088	U					<0.026	U		<0.022	U		<0.019	U					<0.053	U		<0.026	U	
		VMP-3-5-090910	9/9/2010	<22	U					<6.5	U		<5.4	U		<4.8	U					<13	U		<6.5	U	
		VMP-3-5-112210	11/22/2010	<22	U					<6.6	U		<5.5	U		<4.8	U					2.1	J		<6.6	U	
		VMP-3-5-020911	2/9/2011	<9.9	U					<3	U		<2.5	U		<2.2	U					<5.9	U		<3	U	
		VMP-3-5-041411	4/14/2011	<110	U		12000			<32	U		<27	U		<23	U					<64	UJ	UJ	<32	U	
		VMP-3-5-080211	8/2/2011	0.0035	J		0.3			0.021			0.092			<0.0056	U					0.019			<0.0076	U	
		VMP-3-5-110811	11/8/2011	0.00045	J		0.0033	J		0.0039	J		0.021			<0.0031	U					0.0094			<0.0042	U	
		VMP-3-5-110811-DUP	11/8/2011	0.00046	J		0.0044	J		0.0034	J		0.019			<0.0032	U					0.0093			<0.0043	U	
		VMP-3-5-012712	1/27/2012	<7.2	U		1100			<2.2	U		<1.8	U		<1.6	U					<4.3	U		<2.2	U	
		VMP-3-5-041912	4/19/2012	<0.016	U		0.017			0.043			0.48			<0.0034	U					0.1			0.0013	J	
		VMP-3-5-072712	7/27/2012	0.0036	J		0.009	J		0.015			0.059			<0.0036	U					0.055			0.0011	J	
		VMP-3-5-060413	6/4/2013	<0.026	U		0.02			<0.0078	U		<0.0065	U		<0.0057	U					0.0041	J		<0.0078	U	
		VMP-3-5-072913	7/29/2013	<0.025	U		0.4			<0.0075	U		<0.0062	U		<0.0055	U					<0.015	U		<0.0075	U	
		VMP-3-5-110613	11/6/2013	<0.021	U		0.032			<0.0064	U		<0.0053	U		<0.0047	U					0.0042	J		<0.0064	U	
		VMP-3-5-021314	2/13/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U	UJ	<0.0062	U	
		VMP-3-5-050214	5/2/2014	<0.02	U		0.0033	J		<0.0061	U		<0.005	U		<0.0044	U					0.003	J		<0.0061	U	
		VMP-3-5-081214	8/12/2014	<0.044	U		1.5			<0.013	J	U	<0.011	U		<0.0098	U					0.011	J		<0.013	U	
		VMP-3-5-103114	10/31/2014	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-3-5-020915	2/9/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0067	J		<0.006	U	
		VMP-3-5-050415	5/4/2015	<0.023	U		0.0022	J		<0.007	U		0.0069			<0.0051	U					0.02			<0.007	U	
		VMP-3-5-072915	7/29/2015	0.0036	J		0.011	J		0.0028	J		0.0039	J		<0.0047	U					0.024			<0.0064	U	
		VMP-3-5-110515	11/5/2015	0.0033	J		0.0069	J		0.018			<0.0046	U		<0.004	U					0.0094	J		0.046		
		VMP-3-5-021616	2/16/2016	<0.019	U		0.025			<0.0057	U		0.001	J		<0.0042	U					0.096			<0.0057	U	
		VMP-3-5-042716	4/27/2016	<0.021	U		0.022			<0.0064	U		<0.0053	U		<0.0047	U					0.019			<0.0064	U	
		VMP-3-5-080116	8/1/2016	<0.032	U		0.0052	J		<0.0096	U		<0.008	U		<0.028	U					0.0084	J		<0.0096	U	
		VMP-3-5-102616	10/26/2016	<0.023	U		<0.016	U		<0.0068	U		0.0019	J		<0.02	U		<0.014	U		0.012	J		<0.0068	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10	6/21/2010	<25	U					2.8	J		<6.2	U		<5.5	U					3.8	J		5.6	J	
		VMP 3-10-091010	9/10/2010	<70	U					5	J		<17	U		<15	U					<42	U		7.2	J	
		VMP-3-10-092010	9/20/2010	<51	U					<15	U		<13	U		<11	U					<30	U		4.4	J	
		VMP-3-10-112210	11/22/2010	<22	U					7.8			<5.4	U		<4.8	U					<13	U		11		
		VMP-3-10-112210-Dup	11/22/2010	<30	U					5.4	J		<7.5	U		<6.6	U					<18	U		7.9	J	
		VMP-3-10-020811	2/8/2011	<32	U					<9.5	U		<7.9	U		<7	U					<19	U		<9.5	U	
		VMP-3-10-041311	4/13/2011	<180	U		21000			<55	U		<46	U		<40	U					<110	UJ	UJ	<55	U	
		VMP-3-10-080311	8/3/2011	<0.23	U		100	E	J	0.048	J		<0.058	U		<0.051	U					0.044	J		0.022	J	
		VMP-3-10-110811	11/8/2011	<0.019	J	U	0.96			0.0037	J		0.027			<0.0042	U					0.015			<0.0057	U	
		VMP-3-10-012712	1/27/2012	<0.14	U		7.9			0.016	J		0.042			<0.03	U					0.017	J		0.015	J	
		VMP-3-10-042012	4/20/2012	<0.014	U		0.068			0.013			0.12			<0.0031	U					0.018			<0.0042	J	U
		VMP-3-10-072312	7/23/2012	0.0053	J		0.15			0.0011	J		0.059			<0.0036	U					0.014			<0.0049	U	
		VMP-3-10-101812	10/18/2012	<0.025	U		0.085			0.0017	J		0.024			<0.0055	U					0.012	J		0.0011	J	
		VMP-3-10-020613	2/6/2013	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U		<0.015	U		0.0035	J		<0.0069	U	
		VMP-3-10-060413	6/4/2013	<0.025	U		0.041			<0.0074	U		<0.0062	U		<0.0054	U					0.0051	J		<0.0074	U	
		VMP-3-10-072913	7/29/2013	<0.024	U		0.014	J		0.0018	J		0.0016	J		<0.0053	U					<0.014	U		0.0029	J	
		VMP-3-10-110613	11/6/2013	<0.022	U		0.7			<0.0066	U		<0.0055	U		<0.0048	U					0.015			<0.0066	U	
		VMP-3-10-022814	2/28/2014	<0.019	U		0.01	J		<0.0058	U		<0.0049	U		<0.0043	U					0.016			0.00094	J	
		VMP-3-10-022814-Dup	2/28/2014	<0.019	U		0.01	J		0.00087	J		<0.0047	U		<0.0041	U					0.025			0.0016	J	
		VMP-3-10-050214	5/2/2014	<0.021	U		0.0064	J		<0.0063	U		<0.0053	U		<0.0046	U					0.0033	J		<0.0063	U	
		VMP-3-10-081214	8/12/2014	<0.025	U		1.2			<0.0074	J	U	<0.0062	U		<0.0055	U					0.015	J		<0.0074	U	
		VMP-3-10-103114	10/31/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.02			<0.0065	U	
		VMP-3-10-020915	2/9/2015	<0.018	U		0.01	J		<0.0055	U		<0.0046	U		<0.004	U					0.015			<0.0055	U	
		VMP-3-10-050415	5/4/2015	0.0075	J		0.0027	J		<0.0071	J	U	0.013			<0.0052	U					0.017			<0.0071	J	U
		VMP-3-10-072915	7/29/2015	0.0036	J		0.0021	J		<0.006	J	U	0.0027	J		<0.0044	U					0.036			<0.006	U	
		VMP-3-10-110315	11/3/2015	0.0011	J		<0.016	U		<0.0068	U		<0.0057	J	U	0.00094	J					0.0094	J		<0.0068	U	
		VMP-3-10-021616	2/16/2016	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.13			<0.0061	U	
		VMP-3-10-042716	4/27/2016	<0.024	U		0.023			0.003	J		<0.0061	U		<0.0054	U					0.024			<0.0074	U	
		VMP-3-10-080216	8/2/2016	<0.023	U		0.0055	J		<0.0068	U		<0.0056	U		<0.02	U					0.018			<0.0068	U	
		VMP-3-10-102616	10/26/2016	<0.026	U		0.0045	J		<0.0077	J	U	0.0027	J		<0.022	U		0.0017	J	J	0.018			<0.0077	U	
	22 ft	VMP-3-22	11/4/2009	<64	U					<19	U		<16	U		<14	U					<38	U		24		
		VMP-3-22-092010	9/20/2010	<67	U					14	J		<17	U		<15	U					<40	U		29		
		VMP-3-22-112210	11/22/2010	<76	U					20	J		<19	U		<17	U					<46	U		40		
		VMP-3-22-020811	2/8/2011	<38	U					9.9	J		<9.4	U		<8.2	U					<22	U		20		
		VMP-3-22-041511	4/15/2011	<200	U		24000			<61	U		<51	U		<45	U					<120	UJ	UJ	<61	U	
		VMP-3-22-080611	8/6/2011	<0.32	U		24			0.059	J		0.15			<0.071	U					0.11	J		<0.097	U	
		VMP-3-22-110811	11/8/2011	<0.014	U		0.32			0.00078	J		0.0093			<0.0032	U					0.032			<0.0043	U	
		VMP-3-22-013012	1/30/2012	<0.057	U		2.8			0.0065	J		0.046			<0.013	U					0.054			0.0015	J	
		VMP-3-22-042012	4/20/2012	<0.014	U		0.28			0.013			0.1			<0.0032	U					0.017			<0.0043	J	U
		VMP-3-22-072312	7/23/2012	<0.016	U		<0.012	U		0.0014	J		0.013			<0.0035	U					0.0087	J		<0.0048	U	
		VMP-3-22-101812	10/18/2012	<0.024	U		0.028			<0.0073	U		0.043			<0.0053	U					0.0032	J		<0.0073	U	
		VMP-3-22-020613	2/6/2013	<0.024	U		0.0087	J		<0.0071	U		<0.0059	U		<0.0052	U		<0.015	U		0.0022	J		<0.0071	U	
		VMP-3-22-060413	6/4/2013	<0.023	U		0.0081	J		<0.007	U		<0.0058	U		<0.0051	U					0.0026	J		<0.007	U	
		VMP-3-22-060413-Dup	6/4/2013	<0.024	U		0.0078	J		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-3-22-072913	7/29/2013	<0.023	U		0.085			<0.0069	U		<0.0058	U		<0.0051	U					<0.014	U		<0.0069	U	
		VMP-3-22-110613	11/6/2013	<0.022	U		0.0047	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0044	J		<0.0066	U	
		VMP-3-22-110613-Dup	11/6/2013	<0.021	U		0.016			<0.0063	U		<0.0052	U		<0.0046	U					0.018			<0.0063	U	
		VMP-3-22-021314	2/13/2014	<0.02	U		0.0044	J		<0.006	U		<0.005	U		<0.0044	U					<0.012	U	UJ	<0.006	U	
		VMP-3-22-050214	5/2/2014	<0.02	U		0.0018	J		<0.006	U		<0.005	U		<0.0044	U					0.0021	J		<0.006	U	
		VMP-3-22-081214	8/12/2014	<0.024	U		0.0058	J		<0.0072	U		<0.006	U		<0.0053	U					0.0039	J		<0.0072	U	
		VMP-3-22-103114	10/31/2014	<0.021	U		<0.015	U		<0.0062	J	U	<0.0052	U		<0.0046	U					0.022			<0.0062	U	
		VMP-3-22-020915	2/9/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.011	J		<0.006	U	
		VMP-3-22-050815	5/8/2015	0.0034	J		0.0075	J		<0.0069	U		0.004	J		<0.0051	U					0.011	J		<0.0069	U	
		VMP-3-22-072915	7/29/2015	0.009	J		0.026			0.0078			0.0048	J		<0.0052	U					0.0084	J		<0.0071	U	
		VMP-3-22-110315	11/3/2015	0.002	J		0.002	J		<0.0064	U		<0.0053	J	U	<0.0047	U					0.0057	J		<0.0064	U	
		VMP-3-22-021616	2/16/2016	<0.023	U		0.0016	J		<0.007	U		0.0016	J		<0.0051	U					0.024			<0.007	U	
		VMP-3-22-042716	4/27/2016	<0.022	U		<0.016	U		0.0012	J		<0.0054	U		<0.0048	U					0.016			<0.0065	U	
		VMP-3-22-080116	8/1/2016	<0.029	U		0.014	J		0.0036	J		<0.0072	U		<0.025	U					0.011	J		<0.0087	U	
		VMP-3-22-102616	10/26/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		<0.015	U		0.014			0.0011	J	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	31.5 ft	VMP-3-31.5	11/4/2009	<100	U					<30	U		<25	U		<22	U					<61	U		<30	U	
		VMP-3-31.5-090910	9/9/2010	<120	U					<37	U		<31	U		<27	U					<75	U		17	J	
		VMP-3-31.5-112210	11/22/2010	<87	U					<26	U		<22	U		<19	U					<52	U		9.8	J	
		VMP-3-31.5-020911	2/9/2011	<83	U					<25	U		<21	U		<18	U					<50	U		<25	U	
		VMP-3-31.5-041411	4/14/2011	<680	U		52000			<200	U		<170	U		<150	U					<410	UJ	UJ	<200	U	
		VMP-3-31.5-041411-DUP	4/14/2011	<680	U		48000			<200	U		<170	U		<150	U					<410	UJ	UJ	<200	U	
		VMP-3-31.5-080211	8/2/2011	<1500	U		80000			<460	U		<380	U		<340	U					<920	U		<460	U	
		VMP-3-31.5-080211-Dup	8/2/2011	<900	U		120000			<270	U		<220	U		<200	U					<540	U		<270	U	
		VMP-3-31.5-110811	11/8/2011	<36	U		3200			<11	U		<9	U		<7.9	U					<22	U		<11	U	
		VMP-3-31.5-012712	1/27/2012	<230	U		16000		J	<68	U		<57	U		<50	U					<140	U		<68	U	
		VMP-3-31.5-041912	4/19/2012	<390	U		53000			<120	U		<98	U		<86	U					<230	U		<120	U	
		VMP-3-31.5-041912-Dup	4/19/2012	<380	U		54000			<110	U		<94	U		<82	U					<220	U		<110	U	
		VMP-3-31.5-072312	7/23/2012	<94	U		18000			<28	U		<23	U		<21	U					<56	U		<28	U	
		VMP-3-31.5-101912	10/19/2012	<7.5	U		240			<2.3	U		<1.9	U		<1.6	U					<4.5	U		<2.3	U	
		VMP-3-31.5-020713	2/7/2013	<42	U	UJ	4200			<13	U		<42	U		<9.3	U		<54	U		<25	U		<13	U	
		VMP-3-31.5-060413	6/4/2013	<23	U		2600			<7	U		<5.8	U		<5.1	U					<14	U		<7	U	
		VMP-3-31.5-072913	7/29/2013	<24	U		1600			<7.3	U		2.5	J		<5.3	U					<14	U		<7.3	U	
		VMP-3-31.5-110613	11/6/2013	<1	U		58			<0.31	U		<0.26	U		<0.23	U					<0.62	U		<0.31	U	
		VMP-3-31.5-022114	2/21/2014	<0.08	U		0.2			<0.024	U		<0.02	U		<0.018	U					<0.048	U		<0.024	U	
		VMP-3-31.5-050214	5/2/2014	<1	U		0.27	J		<0.31	U		<0.26	U		<0.23	U					0.24	J		<0.31	U	
		VMP-3-31.5-081214	8/12/2014	0.0044	J		0.15			<0.0066	J	U	0.005	J		<0.0048	U					0.011	J		<0.0066	U	
		VMP-3-31.5-103114	10/31/2014	<0.021	U		0.047			<0.0064	U		<0.0053	U		<0.0047	U					0.011	J		<0.0064	U	
		VMP-3-31.5-020915	2/9/2015	<0.018	U		<0.013	U		<0.0056	U		<0.0046	U		<0.0041	U					0.0057	J		<0.0056	U	
		VMP-3-31.5-110315	11/3/2015	0.0092	J		0.044			<0.0063	U		<0.0053	U		<0.0046	U					0.028			<0.0063	U	
		VMP-3-31.5-020116	2/1/2016	<0.028	U		0.03			<0.0083	U		<0.0069	U		<0.0061	U					0.0082	J		<0.0083	U	
		VMP-3-31.5-042716	4/27/2016	<0.021	U		0.017			<0.0063	U		<0.0052	U		<0.0046	U					0.0091	J		<0.0063	U	
		VMP-3-31.5-080116	8/1/2016	<0.024	U		0.0084	J		<0.0074	U		<0.0061	U		<0.022	U					0.0097	J		<0.0074	U	
		VMP-3-31.5-102616	10/26/2016	<0.019	U		0.012	J		<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		0.01	J		<0.0058	U	
	39 ft	VMP-3-39	11/4/2009	<200	U					<61	U		<50	U		<44	U					<120	U		<61	U	
		VMP-3-39-101912	10/19/2012	<750	U		19000			<230	U		<190	U		<160	U					<450	U		<230	U	
		VMP-3-39-021213	2/12/2013	<220	U	UJ	18000			<65	U		<220	U		<48	U		<280	U		<130	U		<65	U	
		VMP-3-39-060413	6/4/2013	<22	U		2700			<6.8	U		<5.6	U		<5	U					<14	U		<6.8	U	
		VMP-3-39-072913	7/29/2013	<19	U		1300			<5.8	U		<4.8	U		<4.2	U					<12	U		<5.8	U	
		VMP-3-39-110613	11/6/2013	<21	U		28000			<6.2	U		<5.2	U		<4.5	U					<12	U		<6.2	U	
		VMP-3-39-022114	2/21/2014	<200	U		23000			<59	U		<50	U		<44	U					<120	U		<59	U	
		VMP-3-39-050214	5/2/2014	<4.4	U		660			<1.3	U		<1.1	U		<0.98	U					<2.7	U		<1.3	U	
		VMP-3-39-050214-Dup	5/2/2014	<9.4	U		630			<2.8	U		<2.4	U		<2.1	U					<5.6	U		<2.8	U	
		VMP-3-39-081214	8/12/2014	<13	U		1400			<3.8	U		<3.2	U		<2.8	U					<7.6	U	UJ	<3.8	U	
		VMP-3-39-103114	10/31/2014	<1.2	U		540			<0.35	U		<0.29	U		<0.26	U					<0.71	U		<0.35	U	
		VMP-3-39-020915	2/9/2015	<65	U		900			<20	U		<16	U		<14	U					<39	U		<20	U	
		VMP-3-39-110315	11/3/2015	0.0019	J		0.017			<0.0061	U		<0.0051	J	U	<0.0045	U					0.012			<0.0061	U	
		VMP-3-39-020116	2/1/2016	<0.023	U		0.024			<0.0069	U		<0.0058	U		<0.0051	U					0.0047	J		<0.0069	U	
		VMP-3-39-020116-DUP	2/1/2016	<0.023	U		0.03			<0.0068	U		<0.0056	U		<0.005	U					0.0034	J		<0.0068	U	
VMP-4	5 ft	VMP-4-5	11/5/2009	<0.21	U					<0.062	U		<0.052	U		<0.046	U					<0.12	U		<0.062	U	
		VMP-4-5-082510	8/25/2010	<1.2	U					0.048	J		<0.29	U		<0.26	U					<0.71	U		0.058	J	
		VMP-4-5-112210	11/22/2010	<44	U					6.6	J		<11	U		<9.7	U					<26	U		8.4	J	
		VMP-4-5-021411	2/14/2011	<2.6	U					<0.77	U		<0.64	U		<0.57	U					<1.5	U		<0.77	U	
		VMP-4-5-041911	4/19/2011	<120	U		11000			<36	U		<30	U		<26	U					<71	UJ	UJ	<36	U	
		VMP-4-5-080311	8/3/2011	0.0083	J		19	E	J	0.072	J		<0.064	U		<0.056	U					0.044	J		<0.076	U	
		VMP-4-5-110911	11/9/2011	<0.014	U		0.04			0.0021	J		<0.0035	U		<0.0031	U					0.012			0.00081	J	
		VMP-4-5-013012	1/30/2012	<0.72	U		100		J	<0.22	U		<0.18	U		<0.16	U					0.044	J	J	<0.22	U	
		VMP-4-5-042512	4/25/2012	0.004	J		0.43			0.054			0.22			<0.0039	U					0.035			<0.0053	J	U
		VMP-4-5-072512	7/25/2012	0.0053	J		0.027			0.073			0.32			<0.0038	U					0.11			0.0024	J	
		VMP-4-5-101812	10/18/2012	<0.025	U		0.0051	J		0.025			0.048			<0.0056	U					0.01	J		<0.0076	U	
		VMP-4-5-020713	2/7/2013	<0.02	U		0.0088	J		<0.0061	U		<0.005	U		<0.0044	U		<0.013	U		0.0043	J		<0.0061	J	U
		VMP-4-5-050913	5/9/2013	<0.026	U		0.038			<0.0077	U		0.0018	J		<0.0057	U					0.02			<0.0077	U	
		VMP-4-5-080113	8/1/2013	<0.025	U		0.039			<0.0074	U		<0.0062	U		<0.0055	U					<0.015	U		<0.0074	U	
		VMP-4-5-120313-R	12/3/2013	<0.024	U		0.0037	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0063	J		<0.0071	U	
		VMP-4-5-022714	2/27/2014	<0.018	U		0.41			<0.0055	U		<0.0046	U		<0.004	U					0.022			<0.0055	U	
		VMP-4-5-050214	5/2/2014	<0.021	U		0.003	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0059	J		<0.0062	U	
		VMP-4-5-081514	8/15/2014	<0.024	U		0.0048	J		<0.0072	U		0.0033	J		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-4-5-021015	2/10/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0029	J		<0.0063	U	
		VMP-4-5-110215	11/2/2015	<0.023	U		0.0047	J		<0.0069	U		<0.0058	U		<0.0051	U					0.005	J		<0.0069	U	
		VMP-4-5-020316	2/3/2016	0.0021	J		0.0024	J		0.0018	J		<0.0051	U		<0.0045	U					0.0052	J		<0.0061	U	
		VMP-4-5-050516	5/5/2016	<0.96	U		30			0.052	J		<0.24	U		<0.21	U					<0.58	U		0.14	J	
		VMP-4-5-080216	8/2/2016	<0.022	U		0.016	J		<0.0066	U		<0.0055	U		<0.019	U					0.013			<0.0066	U	
		VMP-4-5-102816	10/28/2016	<0.021	U		0.0036	J		<0.0064	J	U	0.0032	J		<0.019	U		<0.014	U		0.019			0.002	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	12 ft	VMP-4-12	11/5/2009	<3.4	U					<1	U		<0.86	U		<0.76	U					<2.1	U		<1	U	
		VMP-4-12-082510	8/25/2010	<21	U					3.6	J		<5.2	U		<4.5	U					<12	U		4.2	J	
		VMP-4-12-112310	11/23/2010	<21	U					<6.3	U		<5.3	U		<4.6	U					<13	U		<6.3	U	
		VMP-4-12-021411	2/14/2011	<5.3	U					<1.6	U		<1.3	U		<1.2	U					<3.2	U		<1.6	U	
		VMP-4-12-041911	4/19/2011	<100	U		11000			<31	U		<26	U		<22	U					<61	UJ	UJ	<31	U	
		VMP-4-12-080311	8/3/2011	<12	U		3100			<3.5	U		<2.9	U		<2.6	U					<7.1	U		<3.5	U	
		VMP-4-12-080311-Dup	8/3/2011	<24	U		3400			<7.1	U		<5.9	U		<5.2	U					<14	U		<7.1	U	
		VMP-4-12-110911	11/9/2011	<3.6	U		260			<1.1	U		<0.9	U		<0.79	U					<2.2	U		<1.1	U	
		VMP-4-12-013012	1/30/2012	<7.3	U		980		J	<2.2	U		<1.8	U		<1.6	U					<4.4	U		<2.2	U	
		VMP-4-12-041812	4/18/2012	<0.016	U		0.011	J		0.07			0.38			<0.0036	U					0.075			0.0011	J	
		VMP-4-12-072312	7/23/2012	<0.08	U		0.25			0.036			0.13			<0.018	U					0.014	J		0.012	J	
		VMP-4-12-101812	10/18/2012	<0.025	U		0.019			0.0015	J		0.0038	J		<0.0055	U					0.0098	J		0.00085	J	
		VMP-4-12-101812-Dup	10/18/2012	<0.025	U		0.012	J		0.0014	J		0.0044	J		<0.0056	U					0.004	J		0.0011	J	
		VMP-4-12-020713	2/7/2013	<0.022	U		0.044			<0.0066	U		<0.0055	U		<0.0048	U		<0.014	U		0.0073	J		<0.0066	J	U
		VMP-4-12-020713-DUP	2/7/2013	<0.023	U		0.045			<0.0068	U		<0.0056	U		<0.005	U		<0.014	U		0.0054	J		<0.0068	U	
		VMP-4-12-050913	5/9/2013	<0.049	U		0.89			0.012	J		<0.012	U		<0.011	U					<0.029	U		0.012	J	
		VMP-4-12-080113	8/1/2013	<0.025	U		0.012	J		<0.0075	U		<0.0062	U		<0.0055	U					<0.015	U		<0.0075	U	
		VMP-4-12-120313-R	12/3/2013	<0.023	U		0.06			0.002	J		<0.0057	U		<0.005	U					0.008	J		0.0042	J	
		VMP-4-12-022714	2/27/2014	<0.02	U		0.042			<0.0059	U		<0.0049	U		<0.0043	U					0.019			<0.0059	U	
		VMP-4-12-050214	5/2/2014	<0.02	U		0.0019	J		<0.0059	U		<0.0049	U		<0.0043	U					0.0016	J		<0.0059	U	
		VMP-4-12-081414	8/14/2014	<0.023	U		0.002	J		<0.0068	U		<0.0057	U		<0.005	U					0.0037	J		<0.0068	U	
		VMP-4-12-021015	2/10/2015	<0.021	U		0.0086	J		<0.0064	U		<0.0053	U		<0.0047	U					0.0036	J		<0.0064	U	
		VMP-4-12-051115	5/11/2015	0.001	J		0.006	J		<0.0058	U		0.0011	J		<0.0042	U					0.0087	J		<0.0058	U	
		VMP-4-12-080315	8/3/2015	<0.025	U		<0.018	U		<0.0074	U		0.0018	J		<0.0054	U					<0.015	U		<0.0074	U	
		VMP-4-12-110215	11/2/2015	<0.024	U		0.0033	J		<0.0071	U		<0.0059	U		<0.0052	U					0.013	J		<0.0071	U	
		VMP-4-12-020316	2/3/2016	<0.021	U		0.0049	J		<0.0062	U		<0.0052	U		<0.0046	U					0.023			<0.0062	U	
		VMP-4-12-050316	5/3/2016	0.0016	J		0.0044	J		<0.0068	U		0.0017	J		<0.005	U					0.0031	J		<0.0068	U	
		VMP-4-12-080216	8/2/2016	<0.027	U		<0.019	U		<0.0081	U		<0.0067	U		<0.024	U					0.016			<0.0081	U	
		VMP-4-12-102816	10/28/2016	<0.022	U		0.004	J		<0.0067	U		<0.0056	U		<0.02	U		<0.014	U		0.015			<0.0067	U	
	23.5 ft	VMP-4-23.5	11/5/2009	<160	U					<48	U		<40	U		<35	U					<95	U		<48	U	
		VMP - 4 - 23.5 - 083110	8/31/2010	<24	U					38		J	<5.9	U		<5.2	U					<14	U		69		J
		VMP-4-23.5-112310	11/23/2010	<240	U					<72	U		<60	U		<52	U					<140	U		22	J	
		VMP-4-23.5-021411	2/14/2011	<8.7	U					<2.6	U		<2.2	U		<1.9	U					<5.2	U		<2.6	U	
		VMP-4-23.5-042011	4/20/2011	<1400	U		81000			<160	U		<1400	U		<120	U					<330	U		<160	U	
		VMP-4-23.5-042011-DUP	4/20/2011	<1400	U		78000			<160	U		<1400	U		<120	U					<330	U		<160	U	
		VMP-4-23.5-080611	8/6/2011	<23	U		69000			6.6	J		<5.8	U		<5.1	U					<14	U		7.6		
		VMP-4-23.5-110911	11/9/2011	<69	U		37000			<21	U		<17	U		<15	U					<41	U		<21	U	
		VMP-4-23.5-013012	1/30/2012	<150	U		32000		J	<44	U		<37	U		<32	U					<88	U		<44	U	
		VMP-4-23.5-013012-DUP	1/30/2012	<100	U		34000		J	<31	U		<26	U		<22	U					<61	U		<31	U	
		VMP-4-23.5-041912	4/19/2012	<32	U		4700			<9.6	U		<8	U		<7.1	U					3.6	J		<9.6	U	
		VMP-4-23.5-072312	7/23/2012	<15	U		1900			<4.6	U		<3.8	U		<3.4	U					<9.2	U		6		
		VMP-4-23.5-101812	10/18/2012	<17	U		320			<5.1	U		<4.2	U		<3.7	U					<10	U		<5.1	U	
		VMP-4-23.5-020713	2/7/2013	<5.4	U	UJ	630			<1.6	U		<5.4	U	UJ	<1.2	U		<6.9	U		<3.2	U		<1.6	U	
		VMP-4-23.5-051513	5/15/2013	<6.4	U		1000			<1.9	U		<1.6	U		<1.4	U					<3.8	U		<1.9	U	
		VMP-4-23.5-080113	8/1/2013	<24	U		710			<7.1	U		<5.9	U		<5.2	U					<14	U		<7.1	U	
		VMP-4-23.5-080113-Dup	8/1/2013	<24	U		560			<7.1	U		<5.9	U		<5.2	U					<14	U		<7.1	U	
		VMP-4-23.5-110713	11/7/2013	<3.9	U		360			<1.2	U		<0.99	U		<0.87	U					<2.4	U		<1.2	U	
		VMP-4-23.5-022714	2/27/2014	<0.75	ND,UJ	UJ	130			<0.22	U		<0.19	U		<0.16	U					<0.45	U		<0.22	U	
		VMP-4-23.5-050214	5/2/2014	<1.8	U		220			<0.54	U		<0.45	U		<0.4	U					<1.1	U		<0.54	U	
		VMP-4-23.5-081314	8/13/2014	<0.46	U		15			<0.14	U		<0.12	U		<0.1	U					0.096	J		<0.14	U	
		VMP-4-23.5-090414-R	9/4/2014	<0.97	U		41			<0.29	U		<0.24	U		<0.21	U					0.37	J		<0.29	U	
		VMP-4-23.5-110714	11/7/2014	<1.1	U		160			<0.32	U		<0.27	U		<0.24	U					<0.65	U		<0.32	U	
		VMP-4-23.5-021015	2/10/2015	<2.4	U		100			<0.72	U		<0.6	U		<0.53	U					0.5	J		0.12	J	
		VMP-4-23.5-050815	5/8/2015	<2.3	U		99			<0.68	U		<0.57	U		<0.5	U					0.28	J		<0.68	U	
		VMP-4-23.5-061515-R	6/15/2015	<0.24	U		130	E	J	<0.073	U		<0.061	U		0.026	J	J				<0.15	U		<0.073	U	
		VMP-4-23.5-073015	7/30/2015	<0.91	U		66			<0.27	U		<0.23	U		<0.2	U					<0.54	U		<0.27	U	
		VMP-4-23.5-110215	11/2/2015	<0.45	U		54			<0.14	U		<0.11	U		<0.099	ND,UJ	UJ				<0.27	U		<0.14	U	
		VMP-4-23.5-020316	2/3/2016	<3.9	U		42			<1.2	U		<0.97	U		<0.85	U					<2.3	U		<1.2	U	
		VMP-4-23.5-020316-DUP	2/3/2016	<3.7	U		36			<1.1	U		<0.93	U		<0.82	U					<2.2	U		<1.1	U	
		VMP-4-23.5-050316	5/3/2016	<0.3	U		31		J	<0.09	U		<0.075	U		<0.066	U					<0.18	U		<0.09	U	
		VMP-4-23.5-080216	8/2/2016	<1.1	U		82			<0.33	U		0.96			<0.97	U					0.23	J		<0.33	U	
		VMP-4-23.5-080216-DUP	8/2/2016	<1.1	U		81			<0.34	U		0.97			<1	U					0.24	J		<0.34	U	
		VMP-4-23.5-092316-DUP-R	9/23/2016	<0.24	U		54		J	0.014	J	J	<0.061	U		<0.054	U					0.039	J	J	<0.073	U	
		VMP-4-23.5-092316-R	9/23/2016	<0.26	U		56		J	<0.079	U		<0.066	U		<0.058	U					0.048	J	J	<0.079	U	
		VMP-4-23.5-102816	10/28/2016	<0.23	U		46			0.022	J		<0.058	U		<0.051	U		<0.3	U		<0.14	U		<0.069	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	39 ft	VMP-4-39	11/5/2009	<120	U					<37	U		<30	U		<27	U					<73	U		39		
		VMP-4-39-042111	4/21/2011	<1700	U		77000			<210	U		<1700	U		<150	U					<410	U		<210	U	
		VMP-4-39-041912	4/19/2012	<16	U		11000			3.4	J		<4.1	U		<3.6	U					<9.9	U		4.4	J	
		VMP-4-39-072312	7/23/2012	<25	U		3000		J	<7.4	U		<6.2	U		<5.4	U					<15	U		8.3		J
		VMP-4-39-101812	10/18/2012	<310	U		6400			<93	U		<78	U		<68	U					<190	U		<93	U	
		VMP-4-39-101812-Dup	10/18/2012	<280	U		6400			<85	U		<71	U		<62	U					<170	U		<85	U	
		VMP-4-39-020713	2/7/2013	<44	U	UJ	5300			5.5	J		<44	U	UJ	<9.7	U		<56	U		<26	U		3	J	
		VMP-4-39-051513	5/15/2013	<24	U		1800			23			<6	U		<5.2	U					<14	U		14		
		VMP-4-39-110713	11/7/2013	<22	U		1500			6.1	J		<5.5	U		<4.8	U					<13	U		2.8	J	
		VMP-4-39-022714	2/27/2014	<9.7	ND,UJ	UJ	1100			4.5			<2.4	U		<2.1	U					<5.8	U		1.7	J	
		VMP-4-39-050214	5/2/2014	<20	U		1400			6.4			<5.1	U		<4.5	U					<12	U		2.6	J	
		VMP-4-39-081314	8/13/2014	<4.2	U		200			<1.3	U		<1.1	U		<0.93	U					<2.5	U	UJ	<1.3	U	
VMP-5	5 ft	VMP-5-5	11/5/2009	<3.7	U					<1.1	U		<0.92	U		<0.81	U					<2.2	U		<1.1	U	
		VMP-5-5-090910	9/9/2010	<43	U					<13	U		<11	U		<9.5	U					<26	U		4.8	J	
		VMP-5-5-112210	11/22/2010	<10	U					<3.2	U		<2.6	U		<2.3	U					<6.3	U		<3.2	U	
		VMP-5-5-021611	2/16/2011	<0.067	U					<0.02	U		<0.017	U		<0.015	U					0.3		J	<0.02	U	
		VMP-5-5-042111	4/21/2011	<0.54	U		0.25			<0.065	U		<0.54	U		<0.048	U					<0.13	U		<0.065	U	
		VMP-5-5-080511	8/5/2011	<0.021	U		0.32			0.01			0.072			<0.0045	U					0.07			0.00075	J	
		VMP-5-5-111111	11/11/2011	<0.015	U		0.24			0.025			0.021			<0.0034	U					0.014			0.018		
		VMP-5-5-013012	1/30/2012	<0.15	U		4.9			0.0069	J		0.028	J		<0.034	U					0.25			0.007	J	
		VMP-5-5-041112	4/11/2012	<0.015	U		0.0036	J		0.03			0.17			<0.0033	U					0.057			0.00078	J	
		VMP-5-5-071312	7/13/2012	<0.017	U		0.0069	J		<0.005	J	U	<0.0048		U	<0.0036	U					0.54			<0.005	U	
		VMP-5-5-101212	10/12/2012	<0.021	U		0.0062	J		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-5-5-012513	1/25/2013	<0.022	U		0.0029	J		<0.0065	U		<0.0054	U		<0.0048	U		<0.028	U		0.2			<0.0065	U	
		VMP-5-5-042913	4/29/2013	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					<0.014	U		<0.0069	J	U
		VMP-5-5-082313-R	8/23/2013	<0.025	U		0.0054	J		<0.0075	U		<0.0063	U		<0.0055	U					<0.015	U		<0.0075	U	
		VMP-5-5-110513	11/5/2013	<0.019	U		0.022			0.00024	J		0.00089	J		<0.0043	U					0.014			<0.0058	U	
		VMP-5-5-021814	2/18/2014	<0.021	U		0.011	J		<0.0062	U		<0.0052	U		<0.0046	U					<0.012	U	UJ	<0.0062	U	
		VMP-5-5-042814	4/28/2014	<0.022	U		<0.016	U		<0.0067	U		<0.0056	J	U	<0.0049	U					0.0099	J		<0.0067	U	
		VMP-5-5-080814	8/8/2014	<0.021	U		0.01	J		<0.0062	U		<0.0052	U		<0.0045	U					0.0081	J		<0.0062	U	
		VMP-5-5-110514	11/5/2014	<0.019	U		0.005	J		<0.0058	U		<0.0049	U		<0.0043	U					0.0056	J		<0.0058	U	
		VMP-5-5-013015	1/30/2015	<0.022	U		0.0029	J		<0.0065	U		<0.0054	U		<0.0048	U					0.016			<0.0065	J	U
		VMP-5-5-042915	4/29/2015	0.01	J		0.012	J		0.0023	J		0.0088			<0.0048	J	U				2.9	E	J	<0.0065	U	
		VMP-5-5-072915	7/29/2015	<0.028	U		<0.02	U		<0.0086	U		<0.0071	U		<0.0063	U					0.0042	J		<0.0086	U	
		VMP-5-5-102915	10/29/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-5-5-012516	1/25/2016	<0.021	U		0.005	J		<0.0063	U		<0.0053	U		<0.0046	U					0.017			0.0023	J	
		VMP-5-5-042816	4/28/2016	0.0016	J	J	<0.016	U		0.00044	J		<0.0058	U		<0.0051	U					0.013	J		<0.0069	U	
		VMP-5-5-072816	7/28/2016	<0.024	U		0.0034	J		<0.007	U		<0.0059	U		<0.021	U					0.0063	J		<0.007	U	
		VMP-5-5-102516	10/25/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		<0.015	U		0.012	J		<0.0068	U	
	12.5 ft	VMP-5-12.5	11/6/2009	<4.2	U					<1.3	U		<1	U		<0.93	U					<2.5	U		<1.3	U	
		VMP-5-12.5-D	11/6/2009	<9.5	U					<2.8	U		<2.4	U		<2.1	U					<5.7	U		<2.8	U	
		VMP-5-12.5-090910	9/9/2010	<22	U					<6.5	U		<5.4	U		<4.8	U					<13	U		2.1	J	
		VMP-5-12.5-112310	11/23/2010	<1.1	U					<0.32	U		<0.27	U		<0.24	U					<0.65	U		<0.32	U	
		VMP-5-12.5-021611	2/16/2011	<3.2	U					<0.98	U		<0.81	U		<0.72	U					<2	U		<0.98	U	
		VMP-5-12.5-042111	4/21/2011	<0.58	U		0.2			<0.069	U		<0.58	U		<0.051	U					<0.14	U		<0.069	U	
		VMP-5-12.5-080611	8/6/2011	<20	U		10000			<6.1	U		<5.1	U		<4.5	U					<12	U		<6.1	U	
		VMP-5-12.5-111111	11/11/2011	<0.014	U		0.0029	J		0.0024	J		0.022			<0.0032	U					0.0091			0.00082	J	
		VMP-5-12.5-013012	1/30/2012	<0.047	U		1.5			0.0043	J		0.02			<0.01	U					0.032			<0.014	J	U
		VMP-5-12.5-041112	4/11/2012	<0.014	U		0.13			0.022			0.14			<0.0032	U					0.049			0.00051	J	
		VMP-5-12.5-071212	7/12/2012	<0.017	U		0.0047	J		<0.0051	U		<0.0042	J	U	<0.0037	U					0.01			0.0033	J	
		VMP-5-12.5-101112	10/11/2012	<0.04	UJ	UJ	0.011	J		<0.012	U		0.0033	J		<0.0088	U					0.012	J		<0.012	U	
		VMP-5-12.5-012413	1/24/2013	<0.021	U		0.0021	J		<0.0063	U		<0.0053	U		<0.0046	U		<0.027	U		0.27			<0.0063	U	
		VMP-5-12.5-042913	4/29/2013	<0.026	U		0.26			<0.0077	U		0.0021	J		<0.0057	U					<0.015	U		<0.0077	J	U
		VMP-5-12.5-080113	8/1/2013	<0.026	U		<0.018	U		<0.0077	U		<0.0064	U		<0.0056	U					<0.015	U		<0.0077	J	U
		VMP-5-12.5-110513	11/5/2013	<0.021	U		0.00081	J		<0.0064	U		<0.0053	U		<0.0047	U					0.025			<0.0064	U	
		VMP-5-12.5-021814	2/18/2014	<0.021	U		0.014	J		<0.0063	U		<0.0052	U		<0.0046	U					0.0051	J		<0.0063	U	
		VMP-5-12.5-042814	4/28/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0047	U					0.0084	J		<0.0065	U	
		VMP-5-12.5-080814	8/8/2014	<0.021	U		0.016			<0.0063	U		<0.0052	U		<0.0046	U					<0.012	U		<0.0063	U	
		VMP-5-12.5-110514	11/5/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.01	J		<0.0063	U	
		VMP-5-12.5-110514-DUP	11/5/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.01	J		<0.0065	U	
		VMP-5-12.5-013015	1/30/2015	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.008	J		<0.0061	U	
		VMP-5-12.5-042915	4/29/2015	0.0026	J		0.0023	J		<0.007	U		<0.0058	J	U	<0.0052	J	U				0.44			<0.007	U	
		VMP-5-12.5-072915	7/29/2015	<0.026	U		0.01	J		<0.0077	U		<0.0064	U		<0.0057	U					0.013	J		<0.0077	U	
		VMP-5-12.5-102915	10/29/2015	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	J	U	<0.0071	U	
		VMP-5-12.5-012516	1/25/2016	<0.021	U		0.0012	J		<0.0064	U		<0.0053	U		<0.0047	U					0.016			<0.0064	U	
		VMP-5-12.5-042816	4/28/2016	<0.022	ND,UJ	UJ	<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0045	J		<0.0067	U	
		VMP-5-12.5-072816	7/28/2016	<0.024	U		0.0027	J		<0.0073	U		<0.0061	U		<0.021	U					0.0032	J		<0.0073	U	
		VMP-5-12.5-102516	10/26/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		0.018			<0.0062	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31	11/6/2009	<39	U					<12	U		<9.7	U		<8.6	U					<23	U		<12	U	
		VMP-5-31-090910	9/9/2010	<90	U					<27	U		<22	U		<20	U					<54	U		<27	U	
		VMP-5-31-112310	11/23/2010	<57	U					<17	U		<14	U		<12	U					<34	U		<17	U	
		VMP-5-31-021611	2/16/2011	<23	U					<6.8	U		<5.6	U		<5	U					<14	U		<6.8	U	
		VMP-5-31-042111	4/21/2011	<840	U		44000			<100	U		<840	U		<74	U					<200	U		<100	U	
		VMP-5-31-080611	8/6/2011	<190	U		43000			<57	U		<48	U		<42	U					34	J		<57	U	
		VMP-5-31-111111	11/11/2011	<96	U		24000			<29	U		<24	U		<21	U					<58	U		<29	U	
		VMP-5-31-013012	1/30/2012	<49	U		13000		J	<15	U		<12	U		<11	U					<29	U		<15	U	
		VMP-5-31-041112	4/11/2012	<0.16	U		12			0.016	J		0.088			<0.034	U					0.031	J		<0.047	U	
		VMP-5-31-071212	7/12/2012	<0.016	U		0.47			<0.0049	J	U	0.016			<0.0036	U					0.015			<0.0049	J	U
		VMP-5-31-101112	10/11/2012	<0.023	UJ	UJ	0.13			<0.0069	U		<0.0058	U		<0.0051	U					0.0027	J		<0.0069	U	
		VMP-5-31-012413	1/24/2013	<0.23	U		0.19			<0.069	U		<0.057	U		<0.05	U		<0.29	U		7.5			<0.069	U	
		VMP-5-31-042913	4/29/2013	<0.024	U		0.045			<0.0071	J	U	0.0096			<0.0052	U					0.024			<0.0071	U	
		VMP-5-31-080113	8/1/2013	0.0033	J		0.028			<0.0073	J	U	0.0023	J		<0.0053	U					<0.014	U		<0.0073	U	
		VMP-5-31-110513	11/5/2013	<0.022	U		0.014	J		0.00025	J		0.00082	J		<0.0047	U					0.013			<0.0065	U	
		VMP-5-31-110513-Dup	11/5/2013	<0.021	U		0.014	J		0.00043	J		0.0016	J		<0.0046	U					0.022			<0.0062	U	
		VMP-5-31-021814	2/18/2014	<0.02	U		0.025			<0.0059	U		<0.0049	U		<0.0043	U					0.0048	J		<0.0059	U	
		VMP-5-31-042814	4/28/2014	<0.022	U		0.041			<0.0067	U		<0.0056	J	U	<0.0049	U					0.0064	J		<0.0067	U	
		VMP-5-31-080814	8/8/2014	<0.02	U		0.018			<0.006	J	U	<0.005	U		<0.0044	U					0.013			<0.006	J	U
		VMP-5-31-110514	11/5/2014	<0.022	U		0.0071	J		<0.0065	U		<0.0054	U		<0.0048	U					0.008	J		<0.0065	U	
		VMP-5-31-013015	1/30/2015	<0.025	U		0.0044	J		<0.0075	J	U	<0.0062	U		<0.0055	U					0.015			<0.0075	J	U
		VMP-5-31-042915	4/29/2015	0.0015	J		0.0057	J		<0.0068	U		<0.0056	J	U	<0.005	U					0.21			<0.0068	U	
		VMP-5-31-072915	7/29/2015	0.0039	J		0.0024	J		0.0011	J		0.0037	J		<0.0052	U					0.005	J		<0.007	U	
		VMP-5-31-102915	10/29/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	J	U	<0.0065	U	
		VMP-5-31-030916-R	3/9/2016	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.0045	J		<0.0061	U	
		VMP-5-31-042816	4/28/2016	<0.025	ND,UJ	UJ	0.0033	J		0.00066	J		<0.0062	U		<0.0055	U					0.0045	J		<0.0075	U	
		VMP-5-31-072816	7/28/2016	<0.023	U		<0.017	U		0.001	J		<0.0058	U		<0.02	U					0.016			<0.0069	U	
		VMP-5-31-102516	10/26/2016	<0.023	U		0.0056	J		<0.0068	U		<0.0057	U		<0.02	U		<0.014	U		0.033			<0.0068	U	
	40 ft	VMP-5-40	11/6/2009	<54	U					<16	U		<13	U		<12	U					<32	U		<16	U	
		VMP-5-40-042111	4/21/2011	<880	U		35000			<100	U		<880	U		<78	U					<210	U		<100	U	
		VMP-5-40-013012	1/30/2012	<100	U		12000		J	<31	U		<26	U		<22	U					<61	U		<31	U	
		VMP-5-40-041212	4/12/2012	<0.15	U		100			0.044	J		0.23			<0.034	U					0.088	J		<0.046	U	
		VMP-5-40-071212	7/12/2012	<0.16	U		7.6			<0.049	U		<0.041	U		<0.036	U					<0.099	U		<0.049	U	
		VMP-5-40-101112	10/11/2012	<0.024	U	UJ	1.2			0.0017	J		0.014			<0.0053	U					0.0081	J		<0.0073	U	
		VMP-5-40-012513	1/25/2013	<0.07	U		0.7			<0.021	U		<0.018	U		<0.016	U		<0.045	U		1.9			<0.021	U	
		VMP-5-40-012513-Dup	1/25/2013	<0.069	U		0.53			<0.021	U		<0.017	U		<0.015	U		<0.044	U		2			<0.021	U	
		VMP-5-40-042913	4/29/2013	<0.023	U		0.056			<0.007	U		0.0035	J		<0.0051	U					<0.014	U		<0.007	U	
		VMP-5-40-080113	8/1/2013	<0.025	U		0.24			<0.0076	U		<0.0063	U		<0.0056	U					0.0054	J		<0.0076	U	
		VMP-5-40-110513	11/5/2013	0.00069	J		0.01	J		0.00024	J		0.0015	J		<0.0044	U					0.011	J		<0.0059	U	
		VMP-5-40-021814	2/18/2014	<0.021	U		0.052		J	<0.0062	U		<0.0052	U		<0.0046	U					0.0034	J		<0.0062	U	
		VMP-5-40-021814-Dup	2/18/2014	<0.02	U		0.021		J	<0.0061	U		<0.0051	U		<0.0045	U					0.0035	J		<0.0061	U	
		VMP-5-40-042814	4/28/2014	<0.023	U		0.011	J		<0.007	U		<0.0058	J	U	<0.0051	U					0.12			<0.007	U	
		VMP-5-40-042814-Dup	4/28/2014	<0.022	U		0.017			<0.0066	U		0.0061			<0.0049	U					0.12			<0.0066	U	
		VMP-5-40-080814	8/8/2014	<0.02	U		0.012	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0099	J		<0.0061	U	
		VMP-5-40-080814-DUP	8/8/2014	<0.022	U		0.014	J		<0.0065	U		<0.0054	U		<0.0048	U					0.004	J		<0.0065	U	
		VMP-5-40-110514	11/5/2014	<0.023	U		0.0051	J		<0.0068	U		<0.0056	U		<0.005	U					0.0074	J		<0.0068	U	
		VMP-5-40-013015	1/30/2015	<0.022	U		0.0069	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0092	J		<0.0065	U	
		VMP-5-40-042915	4/29/2015	0.0019	J		0.0076	J		<0.007	U		<0.0058	J	U	<0.0051	U					0.054			<0.007	U	
		VMP-5-40-072915	7/29/2015	<0.023	U		0.004	J		<0.0068	U		<0.0057	U		<0.005	U					0.0032	J		<0.0068	U	
		VMP-5-40-102915	10/29/2015	<0.021	U		0.0067	J		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	J	U	<0.0062	U	
		VMP-5-40-012516	1/25/2016	<0.02	U		0.067			<0.006	U		<0.005	U		<0.0044	U					0.0093	J		<0.006	U	
		VMP-5-40-012516-DUP	1/25/2016	<0.02	U		0.071			<0.0061	U		<0.0051	U		<0.0045	U					0.0067	J		<0.0061	U	
		VMP-5-40-042816	4/28/2016	0.0032	J	J	0.0036	J		0.00051	J		<0.0059	U		<0.0052	U					0.0058	J		<0.0071	U	
		VMP-5-40-072816	7/28/2016	<0.022	U		0.028			<0.0065	U		<0.0054	U		<0.019	U					0.0062	J		<0.0065	J	U
		VMP-5-40-102516	10/26/2016	<0.02	U		0.0072	J		<0.0061	U		<0.0051	U		<0.018	U		<0.013	U		0.016			<0.0061	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	5 ft	VMP-6-5	11/6/2009	<6.5	U					2.7		J	<1.6	U		<1.4	U					<3.9	U		5.8		J
		VMP-6-5-090810	9/8/2010	<3.6	U					<1.1	U		<0.9	U		<0.79	U					<2.2	U		<1.1	U	
		VMP-6-5-111610	11/16/2010	<23	U					4.2	J		<5.6	U		<5	U					<14	U		7.7		
		VMP-6-5-020711	2/7/2011	<0.019	U					0.0024	J		<0.0049	U		<0.0043	U					0.027			0.0034	J	
		VMP-6-5-040811	4/8/2011	<0.042	U		0.44			<0.013	U		<0.011	U		<0.0093	U					0.054			<0.013	U	
		VMP-6-5-080411	8/4/2011	<1.1	U		250			<0.33	U		<0.27	U		<0.24	U					<0.66	U		<0.33	U	
		VMP-6-5-110911	11/9/2011	<0.013	U		0.065			0.014			0.022			<0.0029	U					0.13			0.018		
		VMP-6-5-013112	1/31/2012	<0.16	U		5.6			0.0092	J		0.068			<0.034	U					0.082	J		0.0034	J	
		VMP-6-5-041212	4/12/2012	<0.016	U		0.0076	J		<0.0049	U		<0.0041	U		<0.0036	U					0.015			<0.0049	U	
		VMP-6-5-071612	7/16/2012	<0.016	U		<0.012	U		<0.0049	J	U	0.0029	J		<0.0036	U					0.0098			<0.0049	J	U
		VMP-6-5-101012	10/10/2012	<0.023	UJ	UJ	0.0025	J		<0.0068	U		<0.0056	U		<0.005	U					0.012	J		<0.0068	U	
		VMP-6-5-021213	2/12/2013	<0.02	U		0.12			<0.0061	U		0.0018	J		<0.0044	U		0.0068	J		0.0073	J		<0.0061	U	
		VMP-6-5-022714	2/27/2014	<0.022	U		0.0077	J		<0.0066	U		0.0029	J		<0.0049	U					0.012	J		<0.0066	U	
		VMP-6-5-042914	4/29/2014	<0.021	U		0.0096	J		<0.0064	U		<0.0053	J	U	<0.0047	U					<0.013	J	U	<0.0064	U	
		VMP-6-5-080814	8/8/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.01	J		<0.0063	U	
		VMP-6-5-110514	11/5/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.012	J		<0.0063	U	
		VMP-6-5-020915	2/9/2015	<0.02	U		0.01	J		<0.0059	U		<0.0049	U		<0.0043	U					0.0066	J		<0.0059	U	
		VMP-6-5-042915	4/29/2015	0.0012	J		<0.015	U		<0.0064	U		<0.0054	J	U	<0.0047	U					0.013			<0.0064	U	
		VMP-6-5-072715	7/27/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0057	J	U	<0.005	U					0.0026	J		<0.0068	U	
		VMP-6-5-102915	10/29/2015	0.0017	J		0.0039	J		<0.0062	U		<0.0052	J	U	<0.0045	U					0.0045	J		<0.0062	U	
		VMP-6-5-020116	2/1/2016	<0.024	U		0.0041	J		<0.007	U		<0.0059	U		<0.0052	U					0.056			<0.007	U	
		VMP-6-5-042516	4/25/2016	<0.024	U		0.0021	J		<0.0073	U		<0.0061	U		<0.0053	U					0.0026	J		<0.0073	U	
		VMP-6-5-072816	7/28/2016	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.022	U					<0.015	U		<0.0075	U	
		VMP-6-5-102816	10/28/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		<0.014	U		0.0053	J		<0.0068	U	
	10 ft	VMP-6-10	11/6/2009	<7	U					3.6			<1.8	U		<1.6	U					<4.2	U		8		
		VMP-6-10-090810	9/8/2010	<3.9	U					0.54	J	J	<0.97	U		<0.86	U					<2.3	U		0.73	J	J
		VMP-6-10-111710	11/17/2010	<0.021	U					<0.0063	U		<0.0053	U		0.00056	J					0.0073	J		<0.0063	U	
		VMP-6-10-020711	2/7/2011	<0.021	U					<0.0062	U		<0.0052	U		<0.0045	U					0.0045	J		<0.0062	J	U
		VMP-6-10-040811	4/8/2011	<0.5	U		<0.36	U		<0.15	U		<0.12	U		<0.11	U					0.53			<0.15	U	
		VMP-6-10-080411	8/4/2011	<3.5	U		770			<1	U		<0.88	U		<0.77	U					<2.1	U		<1	U	
		VMP-6-10-111011	11/10/2011	<0.014	U		0.062			0.0018	J		0.022			<0.003	U					0.19			<0.0041	U	
		VMP-6-10-013112	1/31/2012	<2.4	U		220		J	<0.73	U		<0.61	U		<0.54	U					<1.5	U		<0.73	U	
		VMP-6-10-041212	4/12/2012	<0.016	U		0.005	J		<0.0048	J	U	<0.004	U		<0.0035	U					0.015			<0.0048	J	U
		VMP-6-10-071612	7/16/2012	<0.022	U		0.0043	J		<0.0065	J	U	0.0076			<0.0048	U					0.013	J		<0.0065	J	U
		VMP-6-10-101112	10/11/2012	<0.024	UJ	UJ	0.0057	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0037	J		<0.0071	U	
		VMP-6-10-020513	2/5/2013	<0.023	U		0.0032	J		<0.0068	U		<0.0056	U		<0.005	U		<0.014	U	UJ	0.01	J		<0.0068	U	
		VMP-6-10-051513	5/15/2013	<0.023	U		0.13			<0.0069	U		<0.0058	U		<0.0051	U					0.0044	J		<0.0069	U	
		VMP-6-10-080813	8/8/2013	<0.023	U		<0.016	U		<0.0068	U		0.0018	J		<0.005	U					0.0037	J		0.00041	J	
		VMP-6-10-110513	11/5/2013	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0061	J		<0.0065	U	
		VMP-6-10-022714	2/27/2014	<0.019	U		0.0087	J		0.012			0.015			<0.0042	U					0.47			0.036		
		VMP-6-10-042914	4/29/2014	<0.02	U		0.0032	J		<0.0061	U		<0.005	J	U	<0.0044	U					0.0056	J		<0.0061	U	
		VMP-6-10-080814	8/8/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.0038	J		<0.0063	U	
		VMP-6-10-110514	11/5/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.016			<0.0062	U	
		VMP-6-10-020915	2/9/2015	<0.02	U		0.0077	J		<0.006	U		<0.005	U		<0.0044	U					0.014			<0.006	U	
		VMP-6-10-042915	4/29/2015	<0.023	U		0.0096	J		<0.0068	U		<0.0057	J	U	<0.005	U					0.014			<0.0068	U	
		VMP-6-10-072715	7/27/2015	<0.024	U		<0.017	U		<0.007	U		<0.0059	J	U	<0.0052	U					<0.014	U		<0.007	U	
		VMP-6-10-102915	10/29/2015	<0.02	U		<0.015	U		<0.0062	U		<0.0051	J	U	<0.0045	U					0.0042	J		<0.0062	U	
		VMP-6-10-020116	2/1/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.035			<0.0071	U	
		VMP-6-10-042516	4/25/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.0081	J		<0.0071	U	
		VMP-6-10-072816	7/28/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U					<0.013	U		<0.0067	U	
		VMP-6-10-102816	10/28/2016	<0.022	U		0.0061	J		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.023			<0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	31.5 ft	VMP-6-31.5	11/9/2009	<46	U					18			<11	U		<10	U					<28	U		44		
		VMP-6-31.5-090810	9/8/2010	<26	U					19			<6.6	U		<5.8	U					4	J		42		
		VMP-6-31.5-111710	11/17/2010	<41	U					19			<10	U		<9.1	U					<25	U		43		
		VMP-6-31.5-020711	2/7/2011	<40	U					26			<9.9	U		<8.7	U					4.7	J		75		
		VMP-6-31.5-041111	4/11/2011	<31	U		1700			10			<7.7	U		<6.8	U					13	J		27		
		VMP-6-31.5-080411	8/4/2011	<23	U		1700			2	J		<5.7	U		<5	U					<14	U		3.1	J	
		VMP-6-31.5-111011	11/10/2011	<35	U		2000			<10	U		<8.8	U		<7.7	U					<21	U		<10	U	
		VMP-6-31.5-013112	1/31/2012	<14	U		1300		J	<4.2	U		<3.5	U		<3.1	U					<8.4	U		1.2	J	J
		VMP-6-31.5-041212	4/12/2012	<1.9	U		68			0.16	J		<0.47	U		<0.41	U					0.098	J		0.27	J	
		VMP-6-31.5-071612	7/16/2012	<0.03	U		0.06			<0.0089	J	U	0.0055	J		<0.0065	U					0.078			<0.0089	J	U
		VMP-6-31.5-101112	10/11/2012	<0.023	UJ	UJ	0.0094	J		<0.0069	U		0.0024	J		<0.0051	U					0.0059	J		<0.0069	U	
		VMP-6-31.5-020513	2/5/2013	<0.021	U		0.008	J		<0.0063	U		<0.0053	U		<0.0046	U		<0.014	U	UJ	0.11			<0.0063	U	
		VMP-6-31.5-042913	4/29/2013	<0.025	U		0.0071	J		<0.0074	U		<0.0062	U		<0.0055	U					<0.015	U		<0.0074	J	U
		VMP-6-31.5-080813	8/8/2013	<0.024	U		0.0074	J		<0.0073	U		0.001	J		<0.0053	U					0.003	J		<0.0073	U	
		VMP-6-31.5-110513	11/5/2013	<0.019	U		0.0042	J		0.0006	J		0.0015	J		0.00022	J					0.003	J		0.0014	J	
		VMP-6-31.5-022714	2/27/2014	<0.021	U		0.023			<0.0063	U		<0.0053	U		<0.0046	U					0.082			<0.0063	U	
		VMP-6-31.5-042914	4/29/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					0.018			<0.0064	U	
		VMP-6-31.5-080814	8/8/2014	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-6-31.5-110514	11/5/2014	<0.02	U		0.015			<0.0061	U		<0.005	U		<0.0044	U					0.0057	J		<0.0061	U	
		VMP-6-31.5-020915	2/9/2015	<0.021	U		0.0062	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0081	J		<0.0062	U	
		VMP-6-31.5-042915	4/29/2015	<0.021	U		0.005	J		<0.0063	U		<0.0052	J	U	<0.0046	U					0.0033	J		<0.0063	U	
		VMP-6-31.5-042915-DUP	4/29/2015	<0.025	U		0.0054	J		<0.0076	U		<0.0063	J	U	<0.0056	U					0.0031	J		<0.0076	U	
		VMP-6-31.5-072715	7/27/2015	<0.024	U		0.0033	J		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-6-31.5-112515	11/25/2015	<0.039	U		0.0089	J		0.014			<0.0097	U		<0.0085	U					0.027			0.04		
		VMP-6-31.5-020116	2/1/2016	<0.022	U		0.0052	J		<0.0066	U		<0.0055	U		<0.0048	U					0.05			0.0018	J	
		VMP-6-31.5-042516	4/25/2016	<0.024	U		0.023			0.0022	J		<0.0061	U		<0.0053	U					0.0037	J		0.0048	J	
		VMP-6-31.5-072816	7/28/2016	<0.025	U		0.017	J		0.0034	J		<0.0063	U		<0.022	U					0.0056	J		0.0067	J	
		VMP-6-31.5-102816	10/28/2016	<0.034	U		0.012	J		0.0072	J		0.013			<0.03	U		<0.022	U		0.15			0.0042	J	
	39 ft	VMP-6-39	11/9/2009	<52	U					24			<13	U		<11	U					<31	U		60		
		VMP-6-39-041111	4/11/2011	<37	U		1700			12			<9.2	U		<8	U					7.5	J		30		
		VMP-6-39-013112	1/31/2012	<14	U		1600		J	1.4	J	J	<3.5	U		<3.1	U					<8.4	U		1.7	J	J
		VMP-6-39-041212	4/12/2012	<1.4	U		100			0.6			<0.34	U		<0.3	U					<0.82	U		1		
		VMP-6-39-071612	7/16/2012	<0.064	U		0.098			0.0029	J		<0.016	U		<0.014	U					0.011	J		<0.019	U	
		VMP-6-39-071612-Dup	7/16/2012	<0.065	U		0.11			<0.02	U		<0.016	U		<0.014	U					0.0071	J		<0.02	U	
		VMP-6-39-101112	10/11/2012	<0.044	UJ	UJ	0.0059	J		<0.013	U		<0.011	U		<0.0097	U					0.0071	J		<0.013	U	
		VMP-6-39-020513	2/5/2013	<0.022	U		0.0082	J		0.0056	J		<0.0054	U		<0.0048	U		<0.014	U	UJ	0.011	J		0.012		
		VMP-6-39-050913	5/9/2013	<0.045	U		1.8		J	<0.013	U		<0.011	U		<0.0098	U					0.016	J		<0.013	U	
		VMP-6-39-050913-Dup	5/9/2013	<0.024	U		0.042		J	<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-6-39-080813-Dup	8/8/2013	<0.023	U		0.006	J		<0.0069	U		0.0015	J		<0.0051	U					<0.014	U		<0.0069	U	
		VMP-6-39-081513	8/15/2013	<0.024	U		0.75			<0.0072	J	U	<0.006	J	U	<0.0053	U					<0.014	U		<0.0072	J	U
		VMP-6-39-110513	11/5/2013	<0.021	U		0.0027	J		<0.0063	U		0.00065	J		<0.0046	U					0.013			0.00038	J	
		VMP-6-39-022714	2/27/2014	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.02			<0.0061	U	
		VMP-6-39-042914	4/29/2014	<0.021	U		0.0044	J		<0.0063	U		0.0012	J		<0.0046	U					0.026			<0.0063	U	
		VMP-6-39-080814	8/8/2014	<0.022	U		0.026			<0.0066	U		<0.0055	U		<0.0048	U					0.0044	J		<0.0066	U	
		VMP-6-39-110514	11/5/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0076	J		<0.0065	U	
		VMP-6-39-020915	2/9/2015	<0.019	U		0.0092	J		<0.0057	U		<0.0048	U		<0.0042	U					0.0066	J		<0.0057	U	
		VMP-6-39-020915-DUP	2/9/2015	<0.018	U		0.0084	J		<0.0055	U		<0.0046	U		<0.004	U					0.018			<0.0055	U	
		VMP-6-39-042915	4/29/2015	<0.02	U		0.0013	J		<0.0059	U		<0.0049	J	U	<0.0043	U					<0.012	J	U	<0.0059	U	
		VMP-6-39-072715	7/27/2015	<0.022	U		0.0054	J		<0.0066	U		<0.0055	J	U	<0.0049	U					<0.013	U		<0.0066	U	
		VMP-6-39-072715-DUP	7/27/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-6-39-102915	10/29/2015	<0.071	U		5			<0.021	U		0.0097	J		<0.016	U					0.0043	J		<0.021	U	
		VMP-6-39-102915-DUP	10/29/2015	<0.072	U		5.6			<0.022	U		0.0099	J		<0.016	U					<0.043	U		<0.022	U	
		VMP-6-39-020116	2/1/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.011	J		<0.0065	U	
		VMP-6-39-020116-DUP	2/1/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.012	J		<0.0065	U	
		VMP-6-39-042516	4/25/2016	<0.025	U		0.46			<0.0076	U		<0.0064	U		<0.0056	U					0.022			0.0018	J	
		VMP-6-39-072816	7/28/2016	<0.027	U		0.0054	J		<0.008	U		<0.0067	U		<0.024	U					<0.016	U		<0.008	U	
		VMP-6-39-102816	10/28/2016	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.011	J		<0.006	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5	11/9/2009	<0.019	U					<0.005	U		<0.004	U		<0.004	U					0.55			<0.005	U	
		VMP-7-5-082610	8/26/2010	<0.022	U					<0.0065	U		<0.0054	U		<0.0048	U					0.0064	J		<0.0065	U	
		VMP-7-5-111910	11/19/2010	<0.019	U					<0.0058	U		<0.0049	U		<0.0043	U					0.0053	J		<0.0058	U	
		VMP-7-5-020711	2/7/2011	<0.021	U					<0.0063	U		<0.0053	U		<0.0046	U					0.0059	J		<0.0063	U	
		VMP-7-5-040711	4/7/2011	<0.03	U		0.019	J		<0.0089	U		<0.0074	U		<0.0066	U					<0.018	U		<0.0089	U	
		VMP-7-5-080211	8/2/2011	<3	U		520			<0.89	U		<0.74	U		<0.65	U					<1.8	U		<0.89	U	
		VMP-7-5-111011	11/10/2011	<0.014	U		<0.01	U		0.0018	J		0.0099			<0.0031	U					0.042			<0.0042	U	
		VMP-7-5-111011-DUP	11/10/2011	<0.013	U		0.0076	J		0.0016	J		0.0084			<0.0029	U					0.04			<0.004	U	
		VMP-7-5-013112	1/31/2012	0.00059	J		<0.01	U		0.0027	J		0.017			<0.0032	U					0.027			<0.0043	J	U
		VMP-7-5-041212	4/12/2012	<0.016	U		0.0049	J		0.04			0.11			<0.0034	U					0.059			<0.0047	J	U
		VMP-7-5-073112	7/31/2012	<0.04	U		0.1			0.037			0.12			<0.0088	U					0.05			0.00095	J	
		VMP-7-5-101012	10/10/2012	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					<0.014	U		<0.0073	U	
		VMP-7-5-060613	6/6/2013	<0.024	U		0.2			<0.0071	U		0.0054	J		<0.0052	U					0.0083	J		<0.0071	U	
		VMP-7-5-073013	7/30/2013	<0.022	U		0.057			0.00079	J		0.0021	J		<0.0049	U					0.009	J		<0.0067	U	
		VMP-7-5-102213	10/22/2013	<0.022	U		0.021			0.00017	J		<0.0056	U		<0.0049	U					0.0057	J		<0.0067	U	
		VMP-7-5-022414	2/24/2014	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					0.015			<0.0059	U	
		VMP-7-5-043014	4/30/2014	<0.02	U		0.003	J		<0.0061	U		<0.005	U		<0.0044	U					0.0058	J		<0.0061	U	
		VMP-7-5-080514	8/5/2014	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					<0.014	U		<0.0069	U	
		VMP-7-5-102714	10/27/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					0.013			<0.0064	U	
		VMP-7-5-020215	2/2/2015	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U					<0.015	J	U	<0.0074	U	
		VMP-7-5-043015	4/30/2015	<0.025	U		<0.018	U		<0.0075	U		<0.0062	J	U	<0.0055	U					0.0024	J		<0.0075	U	
		VMP-7-5-072715	7/27/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0047	U					<0.013	U		<0.0065	U	
		VMP-7-5-102815	10/28/2015	0.03		J	0.01	J		0.0064			<0.0049	U		<0.0043	U					0.029			<0.0058	U	
		VMP-7-5-012716	1/27/2016	<0.022	U		0.0064	J		<0.0065	U		<0.0054	U		<0.0048	U					0.012	J		<0.0065	U	
		VMP-7-5-042916	4/29/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0016	J		<0.0069	U	
		VMP-7-5-072616	7/26/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					0.0076	J		<0.0072	U	
		VMP-7-5-102516	10/25/2016	<0.02	U		0.0038	J		0.00038	J		<0.005	U		<0.017	U		<0.013	U		0.012			<0.0059	U	
	13.5 ft	VMP-7-13.5	11/9/2009	<0.15	U					<0.044	U		<0.037	U		<0.032	U					<0.088	U		<0.044	U	
		VMP-7-13.5-082610	8/26/2010	<0.47	U					0.015	J		<0.12	U		<0.1	U					<0.28	U		<0.14	U	
		VMP-7-13.5-111910	11/19/2010	<3.3	U					<0.99	U		<0.82	U		<0.73	U					<2	U		<0.99	U	
		VMP-7-13.5-020711	2/7/2011	<0.02	U					<0.0061	U		<0.005	U		<0.0044	U					0.0086	J		<0.0061	U	
		VMP-7-13.5-040711	4/7/2011	<0.035	U		0.024	J		<0.011	U		<0.0088	U		<0.0078	U					<0.021	U		<0.011	U	
		VMP-7-13.5-080311	8/3/2011	<3.9	U		310			<1.2	U		<0.99	U		<0.87	U					<2.4	U		<1.2	U	
		VMP-7-13.5-111011	11/10/2011	<0.013	U		0.8			0.0083			0.022			<0.0028	U					0.01			0.018		
		VMP-7-13.5-013112	1/31/2012	<0.18	U		7.2		J	<0.055	U		<0.046	U		<0.04	U					0.11	J	J	<0.055	U	
		VMP-7-13.5-013112-DUP	1/31/2012	<0.19	U		6.9		J	<0.056	U		<0.047	U		<0.041	U					0.2		J	<0.056	U	
		VMP-7-13.5-041212	4/12/2012	<0.015	U		0.026		J	0.024			0.033			<0.0033	U					0.018			<0.0045	U	
		VMP-7-13.5-041212-DUP	4/12/2012	<0.016	U		0.49		J	0.026			0.036			<0.0035	U					0.016			<0.0047	U	
		VMP-7-13.5-072012	7/20/2012	0.0013	J		<0.011	U		0.033			0.13			<0.0034	U					0.041			0.00059	J	
		VMP-7-13.5-101012	10/10/2012	<0.023	U		0.0033	J		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-7-13.5-021313	2/13/2013	<0.023	U		0.0018	J		<0.0068	U		<0.0056	U		<0.005	U		<0.014	U	UJ	0.0039	J		<0.0068	U	
		VMP-7-13.5-060513	6/5/2013	<0.026	U		0.042			<0.0077	U		<0.0064	U		<0.0056	U					<0.015	U		<0.0077	U	
		VMP-7-13.5-073013	7/30/2013	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-7-13.5-110113	11/1/2013	<0.023	U		<0.016	U		<0.0069	U		<0.0057	U		<0.005	U					0.0016	J		<0.0069	U	
		VMP-7-13.5-022414	2/24/2014	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0042	U					0.017			<0.0058	U	
		VMP-7-13.5-043014	4/30/2014	<0.02	U		0.0018	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0088	J		<0.0061	U	
		VMP-7-13.5-080514	8/5/2014	<0.026	U		<0.019	U		<0.0078	U		<0.0065	U		<0.0058	U					<0.016	U		<0.0078	U	
		VMP-7-13.5-102714	10/27/2014	<0.023	U		<0.017	U		0.0018	J		<0.0058	U		<0.0051	U					0.027			<0.007	U	
		VMP-7-13.5-020215	2/2/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	J	U	<0.0065	U	
		VMP-7-13.5-043015	4/30/2015	0.0016	J		<0.019	U		<0.0078	U		<0.0065	J	U	<0.0057	U					0.0023	J		<0.0078	U	
		VMP-7-13.5-072715	7/27/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0038	J		<0.0063	U	
		VMP-7-13.5-102815	10/28/2015	<0.023	U		0.0036	J		<0.0068	U		<0.0056	U		<0.005	U					0.0046	J		<0.0068	U	
		VMP-7-13.5-012716	1/27/2016	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.0043	U					0.0032	J		<0.0058	U	
		VMP-7-13.5-042916	4/29/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					0.017			<0.0069	U	
		VMP-7-13.5-072616	7/26/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U					0.024			<0.0063	U	
		VMP-7-13.5-102516	10/25/2016	<0.02	U		0.0056	J		<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.025			<0.006	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5	11/9/2009	<3.1	U					7.5		J	<0.78	U		<0.69	U					<1.9	U		6.5		J
		VMP - 7 - 29.5 - 083110	8/31/2010	<6.7	U					6		J	<1.7	U		<1.5	U					<4	U		5		J
		VMP-7-29.5-111910	11/19/2010	<10	U					4.8		J	<2.5	U		<2.2	U					<6.1	U		3.9		J
		VMP-7-29.5-020711	2/7/2011	<10	U					10			<2.6	U		<2.3	U					<6.3	U		9.8		
		VMP-7-29.5-040711	4/7/2011	<2.6	U		380		J	3.4		J	<0.64	U		<0.56	U					<1.5	U		2.5		J
		VMP-7-29.5-080311	8/3/2011	<6.1	U		850			1.6	J		<1.5	U		<1.3	U					<3.6	U		1.1	J	
		VMP-7-29.5-111111	11/11/2011	<12	U		500			<3.6	U		<3	U		<2.6	U					3.2	J		0.84	J	
		VMP-7-29.5-020112	2/1/2012	<2.4	U		360		J	0.54	J	J	<0.6	U		<0.53	U					<1.4	U		0.32	J	J
		VMP-7-29.5-041312	4/13/2012	<0.015	U		0.21			0.018			0.024			<0.0033	J	U				0.015			<0.0045	J	U
		VMP-7-29.5-072012	7/20/2012	<0.015	U		<0.011	U		0.0052			0.025			<0.0034	U					0.042		J	0.0005	J	
		VMP-7-29.5-072012-Dup	7/20/2012	<0.015	U		<0.011	U		0.0061			0.027			<0.0034	U					0.02		J	0.00086	J	
		VMP-7-29.5-101012	10/10/2012	<0.024	UJ	UJ	0.0057	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0026	J		<0.0071	U	
		VMP-7-29.5-060613	6/6/2013	<0.025	U		0.011	J		<0.0074	U		<0.0062	U		<0.0054	U					<0.015	U		<0.0074	U	
		VMP-7-29.5-073013	7/30/2013	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-7-29.5-102213	10/22/2013	<0.022	U		0.018			<0.0066	U		0.00054	J		<0.0048	U					0.0022	J		0.00029	J	
		VMP-7-29.5-022414	2/24/2014	<0.019	U		<0.014	U		<0.0057	U		<0.0047	U		<0.0042	U					0.0082	J		<0.0057	U	
		VMP-7-29.5-043014	4/30/2014	<0.021	U		0.0044	J		<0.0064	U		<0.0053	U		<0.0047	U					0.0026	J		<0.0064	U	
		VMP-7-29.5-080514	8/5/2014	<0.024	U		0.0031	J		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-7-29.5-102714	10/27/2014	0.0038	J		0.0044	J		0.0016	J		<0.0056	U		<0.0049	U					0.016			<0.0067	U	
		VMP-7-29.5-020215	2/2/2015	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.004	U					<0.011	J	U	<0.0054	U	
		VMP-7-29.5-043015	4/30/2015	0.0013	J		0.0026	J		<0.0067	U		0.0016	J		<0.0049	U					0.0053	J		<0.0067	U	
		VMP-7-29.5-072715	7/27/2015	<0.022	U		<0.016	U		<0.0067	U		0.0029	J		<0.0049	U					0.0074	J		<0.0067	U	
		VMP-7-29.5-102815	10/28/2015	<0.024	U		0.0048	J		<0.0073	U		<0.0061	U		<0.0053	U					0.0035	J		<0.0073	U	
		VMP-7-29.5-012716	1/27/2016	<0.021	U		0.0023	J		<0.0064	U		<0.0053	U		<0.0047	U					0.0028	J		<0.0064	U	
		VMP-7-29.5-042916	4/29/2016	<0.041	U		<0.029	U		<0.012	U		<0.01	U		<0.009	U					0.012	J		<0.012	U	
		VMP-7-29.5-072616	7/26/2016	<0.021	U		0.0056	J		<0.0064	U		<0.0053	U		<0.019	U					0.024			<0.0064	U	
		VMP-7-29.5-102516	10/25/2016	<0.02	U		0.0053	J		<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.017			<0.006	U	
	38 ft	VMP-7-38	11/9/2009	<1.1	U					4		J	<0.27	U		<0.24	U					<0.65	U		3.5		J
		VMP-7-38-020711	2/7/2011	<14	U					6.8			<3.5	U		<3.1	U					<8.5	U		4.6		
		VMP-7-38-040711	4/7/2011	<3.6	U		500		J	0.56	J	J	<0.9	U		<0.79	U					<2.2	U		0.43	J	J
		VMP-7-38-020112	2/1/2012	<3.4	U		390		J	0.55	J	J	<0.86	U		<0.76	U					<2.1	U		0.33	J	J
		VMP-7-38-042512	4/25/2012	<0.015	U		0.043			0.019			0.047			<0.0033	U					0.018			<0.0045	U	
		VMP-7-38-042512-Dup	4/25/2012	<0.015	U		0.058			0.02			0.047			<0.0033	U					0.017			<0.0045	U	
		VMP-7-38-101112	10/11/2012	<0.022	UJ	UJ	0.0033	J		<0.0066	U		0.003	J		<0.0048	U					0.0039	J		<0.0066	U	
		VMP-7-38-060613	6/6/2013	<0.026	U		0.036			<0.0079	U		0.0038	J		<0.0058	U					0.0041	J		<0.0079	U	
		VMP-7-38-073013	7/30/2013	<0.023	U		<0.016	U		<0.0068	U		0.0018	J		<0.005	U					<0.014	U		<0.0068	U	
		VMP-7-38-110113	11/1/2013	<0.023	U		0.006	J		0.00017	J		0.00091	J		<0.005	U					0.026			<0.0068	U	
		VMP-7-38-022414	2/24/2014	<0.017	U		<0.012	U		<0.0052	U		<0.0043	U		<0.0038	U					0.0044	J		<0.0052	U	
		VMP-7-38-043014	4/30/2014	<0.021	U		0.0015	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0048	J		<0.0062	U	
		VMP-7-38-043014-DUP	4/30/2014	<0.022	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.0022	J		<0.0068	U	
		VMP-7-38-080514	8/5/2014	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					<0.012	U		<0.0061	U	
		VMP-7-38-080514-DUP	8/5/2014	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					<0.012	U		<0.0061	U	
		VMP-7-38-102714	10/27/2014	0.0094	J		0.0049	J		0.0044	J		<0.0053	U		<0.0047	U					0.056			<0.0064	U	
		VMP-7-38-020215	2/2/2015	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					<0.014	J	U	<0.0069	U	
		VMP-7-38-043015	4/30/2015	0.0014	J		0.0014	J		<0.0069	U		<0.0058	J	U	<0.0051	U					0.0014	J		0.0015	J	
		VMP-7-38-072715	7/27/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-7-38-102815	10/28/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.0048	J		<0.0068	U	
		VMP-7-38-102815-DUP	10/28/2015	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.0043	U					0.0032	J		<0.0058	U	
		VMP-7-38-012716	1/27/2016	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.0043	U					0.0051	J		<0.0058	U	
		VMP-7-38-012716-DUP	1/27/2016	<0.024	U		0.015	J		<0.0073	U		<0.0061	U		<0.0054	U					0.021			<0.0073	U	
		VMP-7-38-042916	4/29/2016	<0.023	U		0.0018	J		<0.0069	U		<0.0058	U		<0.0051	U					0.0019	J		0.0029	J	
		VMP-7-38-042916-DUP	4/29/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0027	J		0.0028	J	
		VMP-7-38-072616	7/26/2016	<0.026	U		<0.019	U		<0.0078	U		<0.0065	U		<0.023	U					0.011	J		<0.0078	U	
		VMP-7-38-072616-DUP	7/26/2016	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.022	U					0.011	J		<0.0074	U	
		VMP-7-38-102516	10/25/2016	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.013	U		0.005	J		<0.0059	U	
		VMP-7-38-102516-Dup	10/25/2016	<0.042	U		<0.031	U		<0.013	U		<0.011	U		<0.037	U		<0.027	U		0.0064	J		<0.013	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5	11/10/2009	<0.019	U					<0.005	U		<0.004	U		<0.004	U					<0.011	U		<0.005	U	
		VMP - 8 - 5 - 083010	8/30/2010	0.0029	J					<0.0066	U		<0.0055	U		0.00052	J					0.013	J		<0.0066	U	
		VMP-8-5-111810	11/17/2010	<0.019	U					<0.0057	U		<0.0048	U		0.00055	J					0.0026	J		<0.0057	U	
		VMP-8-5-021011	2/10/2011	<0.02	U					<0.0061	U		<0.005	U		<0.0044	U					0.008	J		<0.0061	U	
		VMP-8-5-040711	4/7/2011	<0.023	U		0.0037	J		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-8-5-072711	7/27/2011	0.0054	J		<0.017	U		0.05			0.24			<0.0053	U					0.075			0.00084	J	
		VMP-8-5-110311	11/3/2011	0.0006	J		0.017			0.0028	J		0.015			<0.0031	U					0.014			<0.0042	U	
		VMP-8-5-012312	1/23/2012	<0.017	U		0.0092	J		0.003	J		0.058			<0.0038	U					0.014			<0.0052	J	U
		VMP-8-5-041012	4/10/2012	<0.016	U		0.063			0.0017	J		<0.0039	U		<0.0034	U					0.0039	J		0.0048		
		VMP-8-5-071312	7/13/2012	<0.013	J	U	0.0022	J		<0.004	U		<0.0033	J	U	<0.0029	U					0.0044	J		<0.004	J	U
		VMP-8-5-073112	7/31/2012	0.0025	J		0.011	J		0.057			0.2			<0.0037	U					0.064			0.00054	J	
		VMP-8-5-100412	10/4/2012	<0.023	U		0.0031	J		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	J	U
		VMP-8-5-100412-Dup	10/4/2012	<0.022	U		0.0028	J		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U		<0.0065	U	
		VMP-8-5-012413	1/24/2013	<0.022	U		<0.016	U		<0.0066	U		0.0028	J		<0.0048	U		<0.014	U		0.0066	J		<0.0066	U	
		VMP-8-5-042513	4/25/2013	<0.024	U		0.049			0.0075			<0.0059	U		<0.0052	U					<0.014	U		0.024		
		VMP-8-5-073013	7/30/2013	<0.022	U		0.0076	J		0.001	J		<0.0056	U		<0.0049	U					<0.013	U		0.002	J	
		VMP-8-5-102213	10/22/2013	<0.022	U		0.034			<0.0066	U		0.00034	J		<0.0048	U					0.019			<0.0066	U	
		VMP-8-5-021014	2/10/2014	<0.02	U		0.0059	J		<0.006	U		<0.005	U		<0.0044	U	UJ				0.035			<0.006	U	
		VMP-8-5-042514	4/25/2014	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-8-5-073014	7/30/2014	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.0019	J		<0.007	U	
		VMP-8-5-103114	10/31/2014	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					<0.012	U		<0.006	U	
		VMP-8-5-020915	2/9/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		0.0024	J	
		VMP-8-5-042715	4/27/2015	<0.019	U		<0.014	U		<0.0057	U		<0.0047	U		<0.0042	U					0.013			<0.0057	J	U
		VMP-8-5-072815	7/28/2015	<0.021	U		0.016			<0.0062	U		0.0016	J		<0.0046	U					0.032			<0.0062	U	
		VMP-8-5-102715	10/27/2015	0.0049	J	J	<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0027	J		<0.0065	U	
		VMP-8-5-012716	1/27/2016	<0.019	U		0.02			<0.0058	U		<0.0048	U		<0.0042	U					0.031			<0.0058	U	
		VMP-8-5-042916	4/29/2016	<0.023	U		0.0038	J		<0.0068	U		<0.0056	U		<0.005	U					0.0083	J		<0.0068	U	
		VMP-8-5-072916	7/29/2016	<0.023	U		0.0025	J		<0.0069	U		<0.0058	U		<0.02	U					0.014	J		<0.0069	U	
		VMP-8-5-102516	10/25/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		0.023			<0.0062	U	
	9.5 ft	VMP-8-9.5	11/10/2009	<0.018	U					<0.005	U		<0.004	U		<0.004	U					<0.011	U		<0.005	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	0.0013	J					<0.0059	U		<0.005	U		0.00039	J					0.029			<0.0059	U	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	0.0017	J					<0.0061	U		<0.005	U		<0.0044	U					0.0068	J		<0.0061	U	
		VMP-8-9.5-111810	11/17/2010	<0.02	U					<0.0059	U		<0.005	U		0.00054	J					0.0073	J		<0.0059	U	
		VMP-8-9.5-021011	2/10/2011	<0.021	U					<0.0062	U		<0.0052	U		<0.0045	U					0.0036	J		<0.0062	U	
		VMP-8-9.5-040711	4/7/2011	<0.023	U		0.0031	J		<0.0068	U		<0.0056	U		<0.005	U					0.0043	J		<0.0068	U	
		VMP-8-9.5-072711	7/27/2011	0.0048	J		0.02			0.045			0.13			<0.0038	U					0.04			0.00094	J	
		VMP-8-9.5-110311	11/3/2011	0.00037	J		0.011			0.0014	J		0.0088			<0.003	U					0.0091			0.00063	J	
		VMP-8-9.5-012312	1/23/2012	<0.017	U		0.019			0.0026	J		0.0061			<0.0036	U					0.0049	J		<0.005	J	U
		VMP-8-9.5-041012	4/10/2012	<0.016	U		0.051			<0.0047	U		<0.0039	U		<0.0034	U					0.014			<0.0047	U	
		VMP-8-9.5-071312	7/13/2012	<0.015	U		<0.011	U		<0.0046	U		<0.0038	U		<0.0034	U					0.0039	J		<0.0046	U	
		VMP-8-9.5-071312-Dup	7/13/2012	<0.015	U		<0.01	U		<0.0044	U		<0.0037	U		<0.0032	U					0.0026	J		<0.0044	U	
		VMP-8-9.5-100412	10/4/2012	<0.025	U		0.024			<0.0074	U		<0.0062	U		<0.0055	U					<0.015	U		<0.0074	U	
		VMP-8-9.5-012413	1/24/2013	<0.021	U		0.0077	J		<0.0062	U		<0.0052	U		<0.0045	U		<0.013	U		0.0032	J		<0.0062	U	
		VMP-8-9.5-012413-Dup	1/24/2013	<0.022	U		0.0062	J		<0.0066	U		<0.0055	U		<0.0048	U		<0.014	U		<0.013	U		<0.0066	U	
		VMP-8-9.5-042513	4/25/2013	<0.022	U		0.017			<0.0066	J	U	<0.0055	U		<0.0048	U					<0.013	U		<0.0066	J	U
		VMP-8-9.5-073013	7/30/2013	<0.022	U		0.058			<0.0066	U		<0.0055	U		<0.0049	U					<0.013	U		<0.0066	U	
		VMP-8-9.5-102213	10/22/2013	<0.022	U		0.025			<0.0066	U		0.00043	J		<0.0048	U					0.009	J		<0.0066	U	
		VMP-8-9.5-021014	2/10/2014	<0.019	U		0.033			0.002	J		<0.0049	U		<0.0043	U	UJ				0.03			<0.0058	U	
		VMP-8-9.5-021014-Dup	2/10/2014	<0.022	U		0.028			0.0018	J		<0.0054	U		<0.0048	U	UJ				0.026			0.001	J	
		VMP-8-9.5-042514	4/25/2014	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-8-9.5-073014	7/30/2014	<0.021	U		0.035			<0.0062	U		<0.0052	U		<0.0046	U					0.014			<0.0062	U	
		VMP-8-9.5-103114	10/31/2014	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					<0.012	U		<0.006	U	
		VMP-8-9.5-020915	2/9/2015	<0.02	U		0.013	J		<0.0059	U		<0.005	U		<0.0044	U					<0.012	U		<0.0059	U	
		VMP-8-9.5-042715	4/27/2015	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					0.006	J		<0.0059	U	
		VMP-8-9.5-072815	7/28/2015	<0.025	U		<0.018	U		<0.0075	U		0.002	J		<0.0055	U					0.0061	J		<0.0075	U	
		VMP-8-9.5-102715	10/27/2015	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					0.023			<0.0073	U	
		VMP-8-9.5-012716	1/27/2016	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0043	U					<0.012	J	U	<0.0058	U	
		VMP-8-9.5-042916	4/29/2016	0.00091	J		<0.013	U		<0.0055	U		<0.0046	U		<0.004	U					0.0041	J		<0.0055	U	
		VMP-8-9.5-072916	7/29/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U					<0.014	U		<0.0068	U	
		VMP-8-9.5-102516	10/25/2016	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.017	U		<0.012	U		0.012			<0.0059	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	23.5 ft	VMP-8-23.5	11/10/2009	<0.019	U					<0.005	U		<0.004	U		<0.004	U					<0.012	U		<0.005	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	0.0011	J					<0.0065	U		<0.0054	U		0.00037	J					0.0046	J		<0.0065	U	
		VMP-8-23.5-111910	11/19/2010	<0.021	U					<0.0062	U		<0.0052	U		<0.0045	U					0.0063	J		<0.0062	U	
		VMP-8-23.5-021011	2/10/2011	<0.022	U					<0.0066	U		<0.0055	U		<0.0048	U					0.0076	J		<0.0066	U	
		VMP-8-23.5-040711	4/7/2011	<0.021	U		0.003	J		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-8-23.5-040711-DUP	4/7/2011	<0.033	U		0.0049	J		<0.0098	U		<0.0082	U		0.00068	J					<0.02	U		<0.0098	U	
		VMP-8-23.5-081011	8/10/2011	0.0022	J		0.069			0.019			0.1			<0.0048	U					0.025			<0.0065	J	U
		VMP-8-23.5-110611	11/6/2011	0.0015	J		<0.011	U		0.0052			0.035			<0.0034	U					0.016			0.00033	J	
		VMP-8-23.5-012312	1/23/2012	0.00075	J		0.017			0.002	J		0.024			<0.0038	U					0.0094	J		<0.0052	J	U
		VMP-8-23.5-041012	4/10/2012	<0.015	U		0.062			0.00051	J		<0.0038	U		<0.0034	U					0.016			0.0013	J	
		VMP-8-23.5-071312	7/13/2012	<0.017	U		0.001	J		<0.0051	U		<0.0042	U		<0.0037	U					0.0054	J		<0.0051	U	
		VMP-8-23.5-100412	10/4/2012	<0.024	U		0.015	J		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-8-23.5-012413	1/24/2013	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U		<0.015	U		<0.014	U		<0.0071	U	
		VMP-8-23.5-050113	5/1/2013	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U					<0.015	U		<0.0074	U	
		VMP-8-23.5-073013	7/30/2013	<0.022	U		0.0064	J		<0.0066	U		<0.0055	U		<0.0049	U					<0.013	U		<0.0066	U	
		VMP-8-23.5-073013-Dup	7/30/2013	<0.022	U		0.015	J		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-8-23.5-102213	10/22/2013	<0.022	U		0.00093	J		<0.0066	U		<0.0055	U		<0.0049	U					0.0082	J		<0.0066	U	
		VMP-8-23.5-021014	2/10/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U	UJ				0.0087	J		<0.0064	U	
		VMP-8-23.5-042514	4/25/2014	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-8-23.5-073014	7/30/2014	<0.022	U		0.0043	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0047	J		<0.0066	U	
		VMP-8-23.5-103114	10/31/2014	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-8-23.5-020915	2/9/2015	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					<0.012	U		<0.0059	U	
		VMP-8-23.5-050515-R	5/5/2015	<0.022	U		0.0017	J		<0.0065	J	U	<0.0054	U		<0.0047	U					0.025			<0.0065	U	
		VMP-8-23.5-072815	7/28/2015	<0.02	U		0.024			<0.0059	U		<0.0049	U		<0.0043	U					0.056			<0.0059	U	
		VMP-8-23.5-102715	10/27/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-8-23.5-012716	1/27/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0049	U					<0.013		U	<0.0066	U	
		VMP-8-23.5-042916	4/29/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-8-23.5-072916	7/29/2016	<0.018	U		<0.013	U		0.001	J		<0.0046	U		<0.016	U					0.01	J		0.0038	J	
		VMP-8-23.5-072916-DUP	7/29/2016	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U					0.0066	J		0.0039	J	
		VMP-8-23.5-102516	10/25/2016	0.0021	J		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.014	U		0.0054	J		<0.0064	U	
	35.5 ft	VMP-8-35.5-042514	4/25/2014	<0.022	U		0.016			0.027			0.0077			<0.0049	U					0.024			<0.0067	U	
		VMP-8-35.5-073014	7/30/2014	<0.022	U		0.0023	J		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-8-35.5-103114	10/31/2014	<0.019	U		0.0063	J		<0.0057	U		<0.0048	U		<0.0042	U					<0.011	U		<0.0057	U	
		VMP-8-35.5-103114-DUP	10/31/2014	<0.019	U		0.0073	J		<0.0056	U		<0.0047	U		<0.0041	U					<0.011	U		<0.0056	U	
		VMP-8-35.5-020915	2/9/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-8-35.5-042715	4/27/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.0042	J		<0.0062	U	
		VMP-8-35.5-072815	7/28/2015	<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.0052	U					0.038		J	<0.007	U	
		VMP-8-35.5-072815-DUP	7/28/2015	0.0024	J		0.0021	J		<0.0063	U		<0.0052	U		<0.0046	U					0.004	J	J	<0.0063	U	
		VMP-8-35.5-012816	1/28/2016	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					0.032			<0.0073	U	
		VMP-8-35.5-012816-DUP	1/28/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.042			<0.0066	U	
		VMP-8-35.5-042916	4/29/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.002	J		<0.0066	U	
		VMP-8-35.5-080316	8/3/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U					0.012			<0.0062	U	
		VMP-8-35.5-102516	10/25/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.0079	J		<0.0065	U	
		VMP-8-35.5-102516-Dup	10/25/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U		<0.014	U		0.011	J		<0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5	11/11/2009	<0.018	U					<0.005	U		<0.004	U		<0.004	U					<0.011	U		<0.005	U	
		VMP-9-5-082610	8/26/2010	<0.019	U					<0.0056	U		<0.0047	U		<0.0041	U					0.012			<0.0056	U	
		VMP-9-5-111910	11/19/2010	<0.019	U					<0.0058	U		<0.0049	U		<0.0043	U					0.028			<0.0058	U	
		VMP-9-5-020811	2/8/2011	<0.018	U					<0.0054	U		<0.0045	U		<0.004	U					0.0021	J		<0.0054	U	
		VMP-9-5-040611	4/6/2011	<0.05	U		0.013	J		<0.015	U		<0.012	U		<0.011	U					<0.03	U		<0.015	U	
		VMP-9-5-080211	8/2/2011	<0.97	U		6.1			0.06	J		0.32			<0.21	U					<0.58	U		<0.29	U	
		VMP-9-5-110411	11/4/2011	0.0013	J		0.0024	J		<0.0043	J	U	0.022			<0.0032	U					0.0073	J		<0.0043	J	U
		VMP-9-5-012612	1/26/2012	<0.012	U		0.29			0.008			0.039			<0.0027	U					0.0072			<0.0037	U	
		VMP-9-5-041112	4/11/2012	<0.015	U		0.016			0.0015	J		<0.0037	U		<0.0032	U					0.0037	J		0.0034	J	
		VMP-9-5-071312	7/13/2012	<0.016	J	U	0.009	J		0.017			0.17			<0.0034	U					0.074			<0.0047	J	U
		VMP-9-5-101012	10/10/2012	<0.024	UJ	UJ	0.0021	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0039	J		<0.0071	U	
		VMP-9-5-012513	1/25/2013	<0.023	U	UJ	0.0022	J	J	<0.0069	U	UJ	<0.0058	U	UJ	<0.0051	U	UJ	<0.015	U	UJ	0.021		J	<0.0069	U	UJ
		VMP-9-5-021513	2/15/2013	<0.023	U		0.044			0.0032	J		<0.0056	U		0.0012	J		0.11			0.016			0.0076		
		VMP-9-5-050113	5/1/2013	<0.024	U		0.0046	J		<0.0072	U		<0.006	U		<0.0053	U					0.0019	J		<0.0072	U	
		VMP-9-5-073013	7/30/2013	<0.024	U		0.0054	J		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-9-5-102213	10/22/2013	<0.022	U		0.14			<0.0067	U		<0.0056	U		<0.0049	U					0.063			<0.0067	U	
		VMP-9-5-122013-R	12/20/2013	<0.022	U		0.008	J		<0.0065	U		0.0016	J		<0.0048	U					0.026			<0.0065	U	
		VMP-9-5-021114	2/11/2014	<0.017	U		0.011	J		<0.0052	U		<0.0043	U		<0.0038	U					0.0055	J		<0.0052	U	
		VMP-9-5-043014	4/30/2014	<0.019	U		0.044			<0.0058	U		0.002	J		<0.0043	U					0.022			<0.0058	U	
		VMP-9-5-081114	8/11/2014	<0.022	U		0.012	J		<0.0065	U		<0.0054	U		<0.0048	U					0.021			<0.0065	U	
		VMP-9-5-110614	11/6/2014	<0.021	U		0.022			<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		0.0027	J	
		VMP-9-5-021115	2/11/2015	<0.022	U		0.0031	J		<0.0067	J	U	<0.0056	U		<0.0049	U					0.0033	J		0.0036	J	
		VMP-9-5-050415	5/4/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.22			<0.0068	U	
		VMP-9-5-072815	7/28/2015	<0.023	U		0.084			<0.0069	U		<0.0058	U		<0.0051	U					0.0043	J		<0.0069	U	
		VMP-9-5-102815	10/28/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					<0.013	J	U	<0.0063	U	
		VMP-9-5-012816	1/28/2016	<0.021	U		0.003	J		<0.0062	U		<0.0052	U		<0.0046	U					0.14			<0.0062	U	
		VMP-9-5-042816	4/28/2016	<0.023	ND,UJ	UJ	<0.017	U		<0.007	U		<0.0058	U		<0.0052	U					0.0047	J		<0.007	U	
		VMP-9-5-080116	8/1/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U					0.018			<0.0068	U	
		VMP-9-5-102516	10/25/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.014	U		0.035			<0.0064	U	
		VMP-9-5-120916	12/9/2016	<0.02	U		0.037			<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.015			<0.006	U	
	11.5 ft	VMP-9-11.5	11/11/2009	<0.023	U					<0.006	U		<0.005	U		<0.005	U					<0.014	U		<0.006	U	
		VMP-9-11.5-082610	8/26/2010	<0.42	U					<0.13	U		<0.1	U		<0.093	U					<0.25	U		<0.13	U	
		VMP-9-11.5-111910	11/19/2010	<1.2	U					<0.37	U		<0.3	U		<0.27	U					<0.73	U		<0.37	U	
		VMP-9-11.5-020911	2/9/2011	<0.022	U					<0.0066	U		<0.0055	U		<0.0048	U					0.0094	J	J	<0.0066	U	
		VMP-9-11.5-020911-DUP	2/9/2011	<0.017	U					<0.0051	U		<0.0043	U		<0.0038	U					0.049		J	<0.0051	U	
		VMP-9-11.5-040611	4/6/2011	<0.065	U		0.0091	J		<0.019	U		<0.016	U		<0.014	U					<0.039	U		<0.019	U	
		VMP-9-11.5-080211	8/2/2011	<1.4	U		54			<0.43	U		<0.36	U		<0.32	U					<0.86	U		<0.43	U	
		VMP-9-11.5-110411	11/4/2011	0.001	J		0.066			<0.0043	J	U	0.035			<0.0032	U					0.017			<0.0043	J	U
		VMP-9-11.5-012612	1/26/2012	<0.013	U		0.084			0.0083			0.052			<0.0028	U					0.012			<0.0038	U	
		VMP-9-11.5-041112	4/11/2012	<0.015	U		0.011			<0.0045	U		<0.0037	U		<0.0033	U					0.0045	J		<0.0045	U	
		VMP-9-11.5-071312	7/13/2012	<0.017	J	U	0.0036	J		0.035			0.17			<0.0037	U					0.086			<0.0051	J	U
		VMP-9-11.5-101012	10/10/2012	<0.023	UJ	UJ	0.0071	J		<0.0068	U		<0.0056	U		<0.005	U					0.063			<0.0068	U	
		VMP-9-11.5-012513	1/25/2013	<0.019	U		0.049		J	<0.0057	U		<0.0048	U		<0.0042	U		<0.012	U	UJ	0.018		J	<0.0057	U	
		VMP-9-11.5-012513-DUP	1/25/2013	<0.021	U		0.093		J	<0.0062	U		<0.0052	U		<0.0045	U		<0.013	U	UJ	0.0045	J	J	<0.0062	U	
		VMP-9-11.5-050113	5/1/2013	<0.025	U		0.0034	J		<0.0074	U		0.0029	J		<0.0054	U					0.0017	J		<0.0074	U	
		VMP-9-11.5-073013	7/30/2013	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0054	U					<0.015	U		<0.0074	U	
		VMP-9-11.5-102213	10/22/2013	<0.021	U		0.0041	J		<0.0064	U		<0.0053	U		<0.0047	U					0.044			<0.0064	U	
		VMP-9-11.5-122013-R	12/20/2013	<0.022	U		0.013	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0032	J		<0.0065	U	
		VMP-9-11.5-021114	2/11/2014	<0.019	U		<0.013	U		<0.0056	U		<0.0047	U		<0.0041	U					0.0087	J		<0.0056	U	
		VMP-9-11.5-043014	4/30/2014	<0.02	U		0.0085	J		<0.0061	U		<0.0051	J	U	<0.0045	U					0.0057	J		<0.0061	U	
		VMP-9-11.5-081114	8/11/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.014			<0.0065	U	
		VMP-9-11.5-110614	11/6/2014	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U					<0.015	U		<0.0074	U	
		VMP-9-11.5-021115	2/11/2015	<0.022	U		0.0096	J		<0.0066	J	U	<0.0055	U		<0.0049	U					0.0068	J		<0.0066	U	
		VMP-9-11.5-050415	5/4/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.036			<0.0065	U	
		VMP-9-11.5-072815	7/28/2015	<0.022	U		0.038			<0.0067	U		<0.0056	U		<0.0049	U					0.004	J		<0.0067	U	
		VMP-9-11.5-102815	10/28/2015	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					<0.012	U		<0.0061	U	
		VMP-9-11.5-012816	1/28/2016	<0.023	U		0.0024	J		<0.007	U		<0.0058	U		<0.0052	U					0.26			<0.007	U	
		VMP-9-11.5-042816	4/28/2016	<0.021	ND,UJ	UJ	0.0032	J		<0.0064	U		<0.0053	U		<0.0047	U					0.0021	J		<0.0064	U	
		VMP-9-11.5-080116	8/1/2016	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.021	U					0.041			<0.0073	U	
		VMP-9-11.5-080116-DUP	8/1/2016	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.021	U					0.032			<0.0073	U	
		VMP-9-11.5-102516	10/25/2016	<0.02	U		0.01	J		<0.0061	U		<0.0051	U		<0.018	U		<0.013	U		0.012	J		<0.0061	U	
		VMP-9-11.5-120916	12/9/2016	<0.021	U		0.005	J		<0.0064	U		<0.0053	U		<0.019	U		<0.014	U		0.0046	J		<0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	25.5 ft	VMP-9-25.5	11/10/2009	<4.5	U					<1.4	U		<1.1	U		<0.99	U					<2.7	U		<1.4	U	
		VMP-9-25.5-D	11/10/2009	<4	U					<1.2	U		<1	U		<0.89	U					<2.4	U		<1.2	U	
		VMP-9-25.5-082610	8/26/2010	<3.3	U					0.13	J		<0.82	U		<0.73	U					<2	U		0.14	J	
		VMP-9-25.5-082610-DUP	8/26/2010	<3.5	U					0.13	J		<0.88	U		<0.78	U					<2.1	U		<1.1	U	
		VMP-9-25.5-111910	11/19/2010	<3.8	U					<1.1	U		<0.94	U		<0.83	U					<2.3	U		<1.1	U	
		VMP-9-25.5-020911	2/9/2011	<2.1	U					<0.62	U		<0.52	U		<0.45	U					<1.2	U		<0.62	U	
		VMP-9-25.5-040811	4/8/2011	<1	U		35			0.029	J		<0.26	U		<0.23	U					1			<0.31	U	
		VMP-9-25.5-080211	8/2/2011	<2.3	U		460			<0.69	U		<0.58	U		<0.51	U					<1.4	U		<0.69	U	
		VMP-9-25.5-110711	11/7/2011	<2	U		87			<0.61	U		<0.51	U		<0.45	U					0.41	J		<0.61	U	
		VMP-9-25.5-110711-DUP	11/7/2011	<1.8	U		87			<0.53	U		<0.44	U		<0.39	U					0.58	J		<0.53	U	
		VMP-9-25.5-012612	1/26/2012	<0.53	U		81		J	<0.16	U		<0.13	U		<0.12	U					<0.32	U		<0.16	U	
		VMP-9-25.5-041112	4/11/2012	<0.015	U		0.0095	J		0.0017	J		<0.0037	U		<0.0033	U					<0.009	U		0.004	J	
		VMP-9-25.5-071312	7/13/2012	0.0046	J		<0.012	U		0.053			0.17			<0.0036	U					0.093			<0.0048	J	U
		VMP-9-25.5-071312-Dup	7/13/2012	0.0036	J		0.0056	J		0.049			0.17			<0.0034	U					0.11			<0.0047	J	U
		VMP-9-25.5-101012	10/10/2012	<0.022	UJ	UJ	<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0087	J		<0.0065	U	
		VMP-9-25.5-013013	1/30/2013	<0.023	U		0.0036	J		<0.0069	U		0.0017	J		<0.0051	U		<0.015	U	UJ	0.012	J		<0.0069	U	
		VMP-9-25.5-050113	5/1/2013	<0.025	U		0.0078	J		<0.0074	U		<0.0062	U		<0.0054	U					0.002	J		<0.0074	U	
		VMP-9-25.5-050113-Dup	5/1/2013	<0.025	U		0.006	J		<0.0076	U		0.0014	J		<0.0056	U					0.0022	J		<0.0076	U	
		VMP-9-25.5-073013	7/30/2013	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-9-25.5-102213	10/22/2013	<0.022	U		0.011	J		<0.0065	U		0.00042	J		<0.0047	U					0.0072	J		<0.0065	U	
		VMP-9-25.5-102213-Dup	10/22/2013	<0.022	U		0.0084	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0077	J		<0.0066	U	
		VMP-9-25.5-021114	2/11/2014	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.004	U					<0.011	U		<0.0054	U	
		VMP-9-25.5-043014	4/30/2014	<0.02	U		0.0053	J		<0.0059	U		<0.0049	J	U	<0.0043	U					0.0099	J		<0.0059	U	
		VMP-9-25.5-081114	8/11/2014	<0.026	U		<0.018	U		<0.0077	U		<0.0064	U		<0.0056	U					0.0093	J		<0.0077	U	
		VMP-9-25.5-021115	2/11/2015	<0.02	U		0.014	J		<0.0061	U		<0.0051	U		<0.0045	U					0.004	J		<0.0061	U	
		VMP-9-25.5-050415	5/4/2015	<0.022	U		1.8			<0.0065	U		<0.0054	U		<0.0048	U					0.15		J	<0.0065	U	
		VMP-9-25.5-052915-R	5/29/2015	<0.023	U		0.0016	J		<0.0069	U		<0.0058	U		<0.0051	U					0.0015	J		<0.0069	U	
		VMP-9-25.5-072815	7/28/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					<0.013	U		<0.0063	U	
		VMP-9-25.5-102815	10/28/2015	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.0043	U					<0.012	J	U	<0.0058	U	
		VMP-9-25.5-012816	1/28/2016	<0.024	U		0.0025	J		0.0019	J		<0.006	U		<0.0053	U					0.2			0.0053	J	
		VMP-9-25.5-042816	4/28/2016	<0.021	ND,UJ	UJ	<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.028			<0.0063	U	
		VMP-9-25.5-080116	8/1/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U					0.025			<0.0067	U	
		VMP-9-25.5-102516	10/25/2016	<0.02	U		0.0048	J		<0.0062	U		<0.0051	U		<0.018	U		<0.013	U		0.018			<0.0062	U	
		VMP-9-25.5-120916	12/9/2016	<0.019	U		0.0027	J		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		0.016			<0.0058	U	
	38.5 ft	VMP-9-38.5	11/10/2009	<9	U					<2.7	U		<2.2	U		<2	U					<5.4	U		<2.7	U	
		VMP-9-38.5-020911	2/9/2011	<3.4	U					0.22	J		<0.86	U		<0.75	U					<2	U		<1	U	
		VMP-9-38.5-040811	4/8/2011	<4.6	U		230			0.2	J		<1.1	U		<1	U					4.5			<1.4	U	
		VMP-9-38.5-012612	1/26/2012	<0.69	U		91		J	0.045	J	J	<0.17	U		<0.15	U					<0.41	U		<0.21	U	
		VMP-9-38.5-041112	4/11/2012	<0.013	U		0.97			<0.004	U		<0.0033	U		<0.0029	U					0.0078	J		<0.004	U	
		VMP-9-38.5-071312	7/13/2012	0.0051	J		0.0084	J		0.052			0.19			0.0075						0.088			<0.0052	J	U
		VMP-9-38.5-101012	10/10/2012	<0.064	UJ	UJ	2.6			<0.019	U		<0.016	U		<0.014	U					0.004	J		<0.019	U	
		VMP-9-38.5-013013	1/30/2013	<0.023	U		0.004	J		<0.0069	U		<0.0058	U		<0.0051	U		<0.015	U	UJ	0.011	J		<0.0069	U	
		VMP-9-38.5-050113	5/1/2013	<0.025	U		0.065			<0.0076	U		0.0017	J		<0.0056	U					0.0018	J		<0.0076	U	
		VMP-9-38.5-073113	7/31/2013	<0.024	U		<0.018	U		<0.0074	U		<0.0061	U		<0.0054	U					<0.015	U		<0.0074	U	
		VMP-9-38.5-102213	10/22/2013	0.0013	J		0.031			<0.0068	U		0.00054	J		0.0005	J					0.014	J		<0.0068	U	
		VMP-9-38.5-021114	2/11/2014	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					<0.012	U		<0.0061	U	
		VMP-9-38.5-081114	8/11/2014	<0.024	U		0.0094	J		<0.0073	U		<0.0061	U		<0.0054	U					<0.015	U		<0.0073	U	
		VMP-9-38.5-050415	5/4/2015	<0.12	U		12		J	<0.036	U		<0.03	U		<0.027	U					0.2			<0.036	U	
		VMP-9-38.5-050415-DUP	5/4/2015	<0.015	U		0.39		J	<0.0044	U		<0.0037	U		<0.0032	U					0.13			0.00075	J	
		VMP-9-38.5-052915-R	5/29/2015	0.0027	J		0.0016	J		<0.0071	U		0.0014	J		<0.0052	U					0.0036	J		<0.0071	U	
		VMP-9-38.5-072815	7/28/2015	<0.018	U		0.035			<0.0054	J	U	<0.0045	U		<0.004	U					0.038			<0.0054	U	
		VMP-9-38.5-102815	10/28/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					<0.014	J	U	<0.0068	U	
		VMP-9-38.5-012816	1/28/2016	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0042	U					0.0091	J		<0.0058	U	
		VMP-9-38.5-042816	4/28/2016	<0.021	ND,UJ	UJ	<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					0.0015	J		<0.0064	U	
		VMP-9-38.5-072916	7/29/2016	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.022	U					0.01	J		<0.0074	U	
		VMP-9-38.5-102516	10/25/2016	0.0012	J		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		<0.014	U		0.012	J		<0.0068	U	
		VMP-9-38.5-120916	12/9/2016	<0.018	U		0.0057	J		0.00072	J		<0.0046	U		<0.016	U		<0.012	U		0.023			0.0017	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	<0.018	U					<0.005	U		<0.004	U		<0.004	U					0.87			<0.005	U	
		VMP-10-5-090710	9/7/2010	<0.022	U					0.002	J		0.0016	J		<0.0048	U					0.02			0.0035	J	
		VMP-10-5-111810	11/17/2010	<0.02	U					<0.0059	U		<0.005	U		0.00036	J					<0.012	U		<0.0059	U	
		VMP-10-5-021011	2/10/2011	<0.019	U					<0.0058	U		<0.0049	U		<0.0043	U					0.0058	J		<0.0058	U	
		VMP-10-5-040511	4/5/2011	<0.018	U		0.017			0.013			0.039			0.00036	J					0.065			<0.0054	J	U
		VMP-10-5-07/2911	7/29/2011	<0.022	J	U	<0.016	U		0.013			0.066			<0.0048	U					0.023			<0.0066	U	
		VMP-10-5-110411	11/4/2011	0.00065	J		<0.0082	U		0.0046			0.026			<0.0025	U					0.016			<0.0034	U	
		VMP-10-5-012512	1/26/2012	<0.014	U		0.0072	J		0.0015	J		0.027			<0.0032	U					0.0024	J		<0.0043	U	
		VMP-10-5-041212	4/12/2012	<0.015	U		0.024			<0.0046	U		<0.0038	U		<0.0034	U					0.073			<0.0046	U	
		VMP-10-5-071312	7/13/2012	<0.016	U		<0.011	U		<0.0047	J	U	<0.004	J	U	<0.0035	U					0.0023	J		<0.0047	U	
		VMP-10-5-101612	10/16/2012	<0.025	U		0.19			0.0031	J		<0.0062	U		<0.0055	U					<0.015	U		<0.0074	J	U
		VMP-10-5-012913	1/29/2013	<0.023	U		0.038		J	<0.0069	U		0.0015	J		<0.0051	U		<0.015	U	UJ	0.0072	J		<0.0069	U	
		VMP-10-5-012913-DUP	1/29/2013	<0.025	U		0.067		J	<0.0076	U		<0.0064	U		<0.0056	U		<0.016	U	UJ	0.0025	J		<0.0076	U	
		VMP-10-5-043013	4/30/2013	<0.026	U		<0.019	U		<0.0079	U		0.0016	J		<0.0058	U					0.0025	J		<0.0079	U	
		VMP-10-5-073013	7/30/2013	<0.022	U		0.02			<0.0066	U		<0.0055	U		<0.0048	U					0.0098	J		<0.0066	U	
		VMP-10-5-111313	11/13/2013	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.0042	U					<0.011	U		<0.0057	U	
		VMP-10-5-021214	2/12/2014	<0.019	U		0.0061	J		<0.0058	U		<0.0048	U		<0.0042	U					0.0067	J		<0.0058	U	
		VMP-10-5-022614-R	2/26/2014	<0.02	U		0.1			<0.0059	U		<0.0049	U		<0.0043	U					0.0088	J		<0.0059	U	
		VMP-10-5-042914	4/29/2014	<0.02	U		0.027			<0.006	U		<0.005	U		<0.0044	U					0.032			<0.006	U	
		VMP-10-5-073114	7/31/2014	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.0011	J		<0.0061	U	
		VMP-10-5-103014	10/30/2014	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0035	J		<0.006	U	
		VMP-10-5-020515	2/5/2015	<0.02	U		0.0052	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0061	J		<0.0061	U	
		VMP-10-5-043015	4/30/2015	0.0017	J		<0.016	U		<0.0067	U		0.0016	J		<0.0049	U					0.0063	J		<0.0067	U	
		VMP-10-5-072815	7/28/2015	<0.023	U		0.018			<0.0069	U		<0.0058	U		<0.0051	U					0.007	J		<0.0069	U	
		VMP-10-5-103015	10/30/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0075	J		<0.0062	U	
		VMP-10-5-012916	1/29/2016	<0.022	U		0.0033	J		<0.0065	U		<0.0054	U		<0.0047	U					0.0075	J		<0.0065	U	
		VMP-10-5-050216	5/2/2016	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0036	J		<0.0069	U	
		VMP-10-5-082616	8/26/2016	<0.022	U		0.0032	J		<0.0065	U		0.0013	J		<0.019	U					0.027			<0.0065	U	
		VMP-10-5-110216	11/2/2016	<0.021	U		0.005	J		<0.0064	U		0.0021	J		<0.019	U		0.01	J	J	0.015			0.0014	J	
	10 ft	VMP-10-10	11/11/2009	<0.019	U					<0.005	U		<0.004	U		<0.004	U					<0.011	U		<0.005	U	
		VMP-10-10-090710	9/7/2010	<0.022	U					<0.0065	U		0.0012	J		<0.0048	U					0.01	J		<0.0065	U	
		VMP-10-10-111810	11/17/2010	<0.021	U					<0.0063	U		<0.0053	U		0.00046	J					0.018			<0.0063	U	
		VMP-10-10-021111	2/11/2011	<0.016	U					<0.005	U		<0.0041	U		<0.0036	U					0.11			<0.005	J	U
		VMP-10-10-040611	4/6/2011	<0.022	U		0.014	J		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U		<0.0065	J	U
		VMP-10-10-072911	7/29/2011	0.0032	J		<0.016	U		0.023			0.13			<0.005	U					0.036			<0.0068	U	
		VMP-10-10-110411	11/4/2011	0.00081	J		<0.01	U		0.0061			0.018			<0.0032	U					0.0061	J		0.00047	J	
		VMP-10-10-110411-DUP	11/4/2011	0.0018	J		<0.01	U		0.0056			0.016			<0.0032	U					0.0057	J		0.00049	J	
		VMP-10-10-012512	1/26/2012	<0.014	U		0.0017	J	J	0.004	J		0.0013	J		<0.0032	U					0.0072	J		0.0025	J	
		VMP-10-10-012512-DUP	1/26/2012	<0.015	U		0.081		J	0.0017	J		0.0017	J		<0.0033	U					0.0066	J		0.00099	J	
		VMP-10-10-041112	4/11/2012	<0.016	U		0.012			0.00084	J		0.0007	J		<0.0034	U					0.18			<0.0047	J	U
		VMP-10-10-071312	7/13/2012	<0.015	U		0.003	J		<0.0046	J	U	<0.0038	J	U	<0.0034	U					0.014			<0.0046	U	
		VMP-10-10-101612	10/16/2012	<0.026	U		0.13			0.0022	J		<0.0065	U		<0.0057	U					<0.016	U		<0.0078	J	U
		VMP-10-10-012913	1/29/2013	<0.021	U		0.0043	J		<0.0062	U		0.0011	J		<0.0045	U		<0.013	U		0.015			<0.0062	U	
		VMP-10-10-043013	4/30/2013	<0.024	U		0.027			<0.0071	U		0.0016	J		<0.0052	U					0.0039	J		<0.0071	J	U
		VMP-10-10-073013	7/30/2013	<0.022	U		0.038			<0.0067	U		<0.0056	U		<0.0049	U					0.0024	J		<0.0067	U	
		VMP-10-10-111313	11/13/2013	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-10-10-021214	2/12/2014	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0042	U					0.0065	J		<0.0058	U	
		VMP-10-10-042914	4/29/2014	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					<0.012	U		<0.0059	U	
		VMP-10-10-073114	7/31/2014	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.002	J		<0.007	U	
		VMP-10-10-103014	10/30/2014	<0.042	U		<0.03	U		<0.013	U		<0.01	U		<0.0093	U					0.0092	J		<0.013	U	
		VMP-10-10-020515	2/5/2015	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.011	J		<0.0061	U	
		VMP-10-10-043015	4/30/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	J	U	<0.0046	U					0.0063	J		<0.0063	U	
		VMP-10-10-072815	7/28/2015	<0.024	U		0.0041	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0074	J		<0.0071	U	
		VMP-10-10-103015	10/30/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.0088	J		<0.0063	U	
		VMP-10-10-021616	2/16/2016	0.0012	J		0.0037	J		<0.0066	U		0.00079	J		<0.0048	U					0.012	J		<0.0066	U	
		VMP-10-10-050216	5/2/2016	<0.026	U		0.0036	J		<0.0077	U		<0.0064	U		<0.0056	U					0.0039	J		<0.0077	U	
		VMP-10-10-072816	7/28/2016	0.0043	J		<0.016	U		<0.0068	U		0.0064			<0.02	U					0.034			<0.0068	U	
		VMP-10-10-110216	11/2/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		<0.015	U		<0.014	U		<0.0068	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	20 ft	VMP-10-20	11/11/2009	<0.018	U					<0.005	U		<0.004	U		<0.004	U					<0.011	U		<0.005	U	
		VMP-10-20-D	11/11/2009	<0.02	U					<0.006	U		<0.005	U		<0.004	U					<0.012	U		<0.006	U	
		VMP-10-20-090710	9/7/2010	<0.023	U					<0.0068	U		0.00098	J		<0.005	U					0.023			<0.0068	U	
		VMP-10-20-090710-DUP	9/7/2010	<0.021	U					<0.0063	U		0.00096	J		<0.0046	U					0.033			<0.0063	U	
		VMP-10-20-111810	11/17/2010	<0.04	U					<0.012	U		<0.01	U		0.0012	J					<0.024	U		<0.012	U	
		VMP-10-20-111810-Dup	11/17/2010	<0.02	U					<0.0061	U		<0.005	U		0.00047	J					0.037			<0.0061	U	
		VMP-10-20-021111	2/11/2011	<0.02	U					<0.006	U		<0.005	U		<0.0044	U					0.0048	J		<0.006	U	
		VMP-10-20-040611	4/6/2011	<0.024	U		0.027			0.029			0.1			<0.0053	U					0.054			<0.0072	U	
		VMP-10-20-072911	7/29/2011	<0.022	J	U	<0.016	U		0.023			0.075			<0.0049	U					0.024			<0.0067	U	
		VMP-10-20-110411	11/4/2011	0.00087	J		0.0043	J		0.0057			0.031			<0.0032	U					0.025			0.00042	J	
		VMP-10-20-012612	1/26/2012	<0.014	U		0.048			0.00095	J		0.0023	J		<0.003	U					0.0024	J		<0.0041	U	
		VMP-10-20-041212	4/12/2012	<0.015	U		0.015			<0.0046	U		<0.0038	U		<0.0034	U					0.03			<0.0046	U	
		VMP-10-20-071612	7/16/2012	<0.015	U		0.0056	J		<0.0044	U		<0.0037	U		<0.0032	U					0.0014	J		<0.0044	U	
		VMP-10-20-101612	10/16/2012	<0.026	U		0.038			<0.0078	U		<0.0065	U		<0.0058	U					<0.016	U		<0.0078	J	U
		VMP-10-20-012913	1/29/2013	<0.023	U		0.0019	J		<0.0068	U		<0.0056	U		<0.005	U		<0.014	U	UJ	0.0023	J		<0.0068	U	
		VMP-10-20-043013	4/30/2013	<0.025	U		<0.018	U		<0.0076	U		<0.0063	U		<0.0056	U					0.0066	J		<0.0076	U	
		VMP-10-20-073013	7/30/2013	<0.022	U		0.0054	J		0.001	J		<0.0054	U		<0.0048	U					<0.013	U		0.0022	J	
		VMP-10-20-102313	10/23/2013	<0.021	U		0.018			<0.0064	U		<0.0054	U		<0.0047	U					0.0094	J		<0.0064	U	
		VMP-10-20-021214	2/12/2014	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.004	U					<0.011	U		<0.0055	U	
		VMP-10-20-042914	4/29/2014	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-10-20-073114	7/31/2014	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					0.0021	J		<0.0059	U	
		VMP-10-20-103014	10/30/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					<0.012	U		<0.0063	U	
		VMP-10-20-020515	2/5/2015	<0.021	U		0.0053	J		<0.0064	U		<0.0053	U		<0.0047	U					0.014			<0.0064	U	
		VMP-10-20-043015	4/30/2015	0.0013	J		<0.017	U		<0.0073	U		0.0043	J		<0.0053	U					0.016			<0.0073	U	
		VMP-10-20-072815	7/28/2015	<0.023	U		0.0043	J		<0.0068	U		0.0021	J		<0.005	U					0.004	J		<0.0068	U	
		VMP-10-20-072815-DUP	7/28/2015	<0.023	U		0.0037	J		<0.007	U		0.0016	J		<0.0051	U					0.0032	J		<0.007	U	
		VMP-10-20-103015	10/30/2015	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.0043	U					0.0039	J		<0.0058	U	
		VMP-10-20-012916	1/29/2016	<0.021	U		<0.015	U		0.0015	J		<0.0052	U		<0.0045	U					0.0053	J		0.0046	J	
		VMP-10-20-050216	5/2/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					0.0011	J		<0.0064	U	
		VMP-10-20-072816	7/28/2016	<0.046	U		<0.033	U		<0.014	U		<0.011	U		<0.04	U					0.013	J		<0.014	U	
		VMP-10-20-110216	11/2/2016	<0.022	U		0.025			0.0045	J		<0.0056	U		<0.02	U		0.0036	J	J	<0.013	U		0.013		
	30 ft	VMP-10-30	11/13/2009	<0.02	U					<0.006	U		<0.005	U		<0.004	U					<0.012	U		<0.006	U	
		VMP-10-30-041212	4/12/2012	<0.016	U		0.024			<0.0048	U		<0.004	U		<0.0035	U					0.2			<0.0048	U	
		VMP-10-30-071612	7/16/2012	<0.014	U		0.0068	J		<0.0042	U		<0.0035	U		<0.0031	U					0.0012	J		<0.0042	U	
		VMP-10-30-101612	10/16/2012	<0.024	U		0.026			<0.0074	U		<0.0061	U		<0.0054	U					0.01	J		<0.0074	U	
		VMP-10-30-012913	1/29/2013	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U		<0.016	U	UJ	0.0071	J		<0.0074	U	
		VMP-10-30-043013	4/30/2013	<0.024	U		0.019			<0.0071	J	U	0.0019	J		<0.0052	U					0.0041	J		<0.0071	J	U
		VMP-10-30-073013	7/30/2013	<0.022	U		0.016			<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-10-30-102813	10/28/2013	<0.023	U		0.015	J		<0.007	U		<0.0058	U		<0.0052	U					0.0055	J		<0.007	U	
		VMP-10-30-021214	2/12/2014	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					<0.012	U		<0.006	U	
		VMP-10-30-042914	4/29/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					<0.013	U		<0.0063	U	
		VMP-10-30-073114	7/31/2014	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.0064	J		<0.007	U	
		VMP-10-30-073114-Dup	7/31/2014	<0.021	U		0.0024	J		<0.0063	U		<0.0053	U		<0.0046	U					0.0022	J		<0.0063	U	
		VMP-10-30-103014	10/30/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					<0.012	U		<0.0062	U	
		VMP-10-30-103014-DUP	10/30/2014	<0.023	U		<0.016	U		<0.0069	U		<0.0057	U		<0.005	U					<0.014	U		<0.0069	U	
		VMP-10-30-020515	2/5/2015	<0.022	U		0.024			<0.0065	U		<0.0054	U		<0.0048	U					0.051		J	<0.0065	U	
		VMP-10-30-020515-DUP	2/5/2015	<0.021	U		0.014	J		<0.0063	U		<0.0053	U		<0.0046	U					0.016		J	<0.0063	U	
		VMP-10-30-043015	4/30/2015	0.0012	J		0.0038	J		<0.0065	U		0.0019	J		<0.0048	U					0.011	J		<0.0065	U	
		VMP-10-30-072815	7/28/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-10-30-103015	10/30/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.0025	J		<0.0063	U	
		VMP-10-30-012916-DUP	1/29/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0082	J		<0.0062	U	
		VMP-10-30-050216	5/2/2016	0.0027	J		0.0072	J		<0.0065	J	U	<0.0054	U		<0.0048	U					0.0046	J		0.0013	J	
		VMP-10-30-050216-DUP	5/2/2016	<0.022	U		0.0059	J		<0.0065	J	U	<0.0054	U		<0.0048	U					0.0021	J		0.00098	J	
		VMP-10-30-072816	7/28/2016	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.022	U					0.006	J		<0.0074	U	
		VMP-10-30-110216	11/2/2016	<0.026	U		0.016	J		<0.0077	U		<0.0064	U		<0.022	U		<0.016	U		<0.015	U		<0.0077	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.15	U					<0.044	U		<0.037	U		<0.032	U					<0.088	U		<0.044	U	
		VMP-11-5-090710	9/7/2010	<0.02	U					<0.0061	U		0.00085	J		<0.0044	U					<0.013		U	0.00087	J	
		VMP-11-5-112210	11/22/2010	<0.021	U					<0.0063	U		<0.0053	U		<0.0046	U					0.078			<0.0063	U	
		VMP-11-5-021511	2/15/2011	<0.019	U					<0.0056	U		0.0015	J		<0.0041	U					0.0096	J		<0.0056	J	U
		VMP-11-5-040611	4/6/2011	<0.18	U		1.1			<0.053	U		<0.044	U		<0.039	U					<0.11	U		<0.053	U	
		VMP-11-5-080711	8/7/2011	<0.24	U		0.019	J		0.06	J		0.16			<0.054	U					0.068	J		<0.073	U	
		VMP-11-5-111111	11/11/2011	<0.048	U		1.4			0.0024	J		0.024			<0.01	U					<0.029	U		<0.014	U	
		VMP-11-5-012612	1/26/2012	<0.014	U		<0.01	U		0.0052			0.017			<0.0032	U					0.012			<0.0043	U	
		VMP-11-5-041912	4/19/2012	<0.016	U		<0.012	J	U	0.059			0.34			<0.0035	U					0.062			0.0022	J	
		VMP-11-5-071912	7/16/2012	<0.021	U		0.0076	J		<0.0062	U		<0.0052	U		<0.0046	U					0.012	J		<0.0062	U	
		VMP-11-5-101612	10/16/2012	<0.023	U		0.019			<0.007	U		<0.0058	U		<0.0051	U					0.047			<0.007	U	
		VMP-11-5-012913	1/29/2013	<1.2	U		0.29	J		<0.35	U		<0.29	U		<0.26	U		<0.75	U	UJ	36			<0.35	U	
		VMP-11-5-043013	4/30/2013	<0.025	U		0.006	J		<0.0074	U		<0.0062	U		<0.0054	U					<0.015	U		<0.0074	J	U
		VMP-11-5-073113	7/31/2013	<0.025	U		<0.018	U		<0.0075	U		<0.0063	U		<0.0055	U					<0.015	U		<0.0075	U	
		VMP-11-5-102813	10/28/2013	<0.023	U		0.0062	J		<0.0068	U		<0.0057	U		<0.005	U					0.0068	J	J	<0.0068	U	
		VMP-11-5-022114	2/21/2014	<0.02	U		0.0075	J		0.0062			<0.005	U		<0.0044	U					0.017			0.0012	J	
		VMP-11-5-043014	4/30/2014	<0.018	U		<0.013	U		<0.0056	U		<0.0046	U		<0.0041	U					0.004	J		<0.0056	U	
		VMP-11-5-073114	7/31/2014	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.0017	J		<0.0066	U	
		VMP-11-5-103014	10/30/2014	<0.02	U		0.0024	J		<0.006	U		<0.005	U		<0.0044	U					0.0071	J		<0.006	U	
		VMP-11-5-020515	2/5/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.013			<0.006	U	
		VMP-11-5-043015	4/30/2015	0.00093	J		<0.016	U		<0.0068	U		<0.0056	J	U	<0.005	U					0.017			<0.0068	U	
		VMP-11-5-072815	7/28/2015	0.0036	J		0.015	J		<0.0069	U		<0.0057	U		<0.005	U					0.0045	J		<0.0069	U	
		VMP-11-5-103015	10/30/2015	0.001	J		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.0041	J		<0.0063	U	
		VMP-11-5-012916	1/29/2016	<0.022	U		0.0026	J		<0.0068	U		<0.0056	U		<0.005	U					0.0062	J		<0.0068	U	
		VMP-11-5-050216	5/2/2016	<0.02	U		0.0057	J		<0.0059	U		<0.0049	U		<0.0043	U					0.022			<0.0059	U	
		VMP-11-5-080116	8/1/2016	<0.023	U		0.068			<0.007	U		<0.0058	U		<0.02	U					0.035			<0.007	U	
		VMP-11-5-110116	11/1/2016	<0.022	U		<0.016	U		<0.0065	U		0.0018	J		<0.019	U		0.046			0.044			0.0019	J	
	8 ft	VMP-11-8	11/17/2009	<0.02	U					<0.006	U		<0.005	U		<0.004	U					0.032			<0.006	U	
		VMP-11-8-090810	9/8/2010	<0.021	U					<0.0063	U		<0.0053	U		<0.0046	U					<0.013	J	U	<0.0063	U	
		VMP-11-8-112210	11/22/2010	<0.021	U					<0.0063	U		<0.0053	U		<0.0046	U					0.033			<0.0063	U	
		VMP-11-8-021111	2/11/2011	<0.02	U					<0.0061	U		<0.0051	U		<0.0045	U					0.0044	J		<0.0061	U	
		VMP-11-8-021111-DUP	2/11/2011	<0.019	U					<0.0058	U		<0.0048	U		<0.0042	U					0.0062	J		<0.0058	U	
		VMP-11-8-040611	4/6/2011	<0.091	U		0.38			<0.027	U		<0.023	U		<0.02	U					<0.054	U		<0.027	U	
		VMP-11-8-040611-DUP	4/6/2011	<0.079	U		0.29			<0.024	U		<0.02	U		<0.017	U					<0.047	U		<0.024	U	
		VMP-11-8-080711	8/7/2011	<0.24	U		<0.18	U		0.046	J		0.14			<0.054	U					0.11	J		<0.073	U	
		VMP-11-8-111411	11/14/2011	<0.014	U		0.078			0.0044			0.038			<0.0032	U					0.049			<0.0043	U	
		VMP-11-8-012612	1/26/2012	<0.014	U		<0.01	U		0.0048			0.021			<0.0031	U					0.0092			<0.0042	U	
		VMP-11-8-041912	4/19/2012	<0.016	U		<0.012	J	U	0.048			0.34			<0.0035	U					0.068			0.00058	J	
		VMP-11-8-072012	7/20/2012	0.00028	J		<0.012	U		<0.0048	U		<0.004	U		<0.0035	U					0.0062	J		<0.0048	U	
		VMP-11-8-101612	10/16/2012	<0.023	U		0.015	J		<0.007	U		0.0012	J		<0.0052	U					0.97			<0.007	U	
		VMP-11-8-101612-Dup	10/16/2012	<0.024	U		0.0033	J		<0.0071	U		<0.0059	U		<0.0052	U					1			<0.0071	U	
		VMP-11-8-012913	1/29/2013	<0.16	U		<0.12	U		<0.048	U		<0.04	U		<0.036	U		<0.1	U	UJ	0.71			<0.048	U	
		VMP-11-8-050113	5/1/2013	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					<0.014	U		<0.007	U	
		VMP-11-8-080113	8/1/2013	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	J	U
		VMP-11-8-102813	10/28/2013	<0.024	U		0.02			0.00039	J		<0.0059	U		<0.0052	U					0.0065	J		0.00068	J	
		VMP-11-8-022114	2/21/2014	<0.019	U		0.0079	J		0.0066			<0.0048	U		<0.0042	U					0.017			<0.0058	U	
		VMP-11-8-043014	4/30/2014	<0.019	U		<0.014	U		<0.0057	U		<0.0047	U		<0.0042	U					0.0035	J		<0.0057	U	
		VMP-11-8-073114	7/31/2014	<0.024	U		<0.017	U		<0.0073	U		0.0082			<0.0053	U					0.003	J		<0.0073	U	
		VMP-11-8-111014-R	11/10/2014	<0.022	U		<0.016	U		<0.0066	U		0.0018	J		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-11-8-020515	2/5/2015	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					0.0083	J		<0.0059	U	
		VMP-11-8-043015	4/30/2015	<0.023	U		0.0017	J		<0.0068	U		<0.0056	J	U	<0.005	U					0.013	J		<0.0068	U	
		VMP-11-8-072815	7/28/2015	<0.023	U		<0.017	U		<0.0069	J	U	<0.0058	U		<0.0051	U					0.0054	J		<0.0069	U	
		VMP-11-8-103015	10/30/2015	<0.02	U		0.0024	J		<0.006	U		<0.005	U		<0.0044	U					0.0051	J		<0.006	U	
		VMP-11-8-012916	1/29/2016	<0.022	U		<0.016	U		0.0011	J		<0.0054	U		<0.0048	U					0.0079	J		0.0032	J	
		VMP-11-8-050616	5/6/2016	<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.0052	U					0.027			0.0027	J	
		VMP-11-8-080116	8/1/2016	<0.023	U		0.0037	J		<0.0068	U		<0.0057	U		<0.02	U					0.029			<0.0068	U	
		VMP-11-8-110116	11/1/2016	<0.021	U		0.0054	J		0.0041	J		<0.0053	U		<0.019	U		0.067			0.18			0.011		

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	29 ft	VMP-11-29	11/18/2009	<140	U					<42	U		<35	U		<31	U					<84	U		<42	U	
		VMP-11-29-090810	9/8/2010	<0.53	U					<0.16	U		<0.13	U		0.053	J					<0.32	U		0.059	J	
		VMP-11-29-112210	11/22/2010	<7.5	U					<2.3	U		<1.9	U		<1.6	U					<4.5	U		<2.3	U	
		VMP-11-29-112210-Dup	11/22/2010	<5.2	U					<1.6	U		<1.3	U		<1.2	U					<3.2	U		<1.6	U	
		VMP-11-29-021411	2/14/2011	<0.02	U					<0.0061	U		0.0013	J		0.0011	J					0.023			<0.0061	U	
		VMP-11-29-040611	4/6/2011	<0.15	U		0.44			<0.046	U		<0.039	U		0.0031	J					<0.093	U		<0.046	U	
		VMP-11-29-082511	8/25/2011	0.00092	J		0.004	J		0.0088			0.056			0.0012	J					0.033			<0.0068	U	
		VMP-11-29-082511-Dup	8/25/2011	0.00098	J		0.004	J		0.0086			0.052			0.00088	J					0.034			<0.0068	U	
		VMP-11-29-111411	11/14/2011	<0.014	U		0.0049	J		0.0054			0.04			0.0037						0.018			<0.0043	U	
		VMP-11-29-012612	1/26/2012	<0.014	U		0.0062	J		0.0043			0.012			0.0087						0.0035	J		<0.0041	U	
		VMP-11-29-042712	4/27/2012	<0.014	U		0.0072	J		0.0092			0.098			0.00091	J					0.029			<0.0043	U	
		VMP-11-29-072012	7/23/2012	0.0026	J		<0.01	U		0.063			0.21			<0.0032	U					0.076			0.0011	J	
		VMP-11-29-101612	10/16/2012	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		0.00079	J					0.018			<0.0073	U	
		VMP-11-29-012913	1/29/2013	<0.024	U		0.0087	J		<0.0071	U		<0.0059	U		<0.0052	U		<0.015	U	UJ	0.17			<0.0071	U	
		VMP-11-29-043013	4/30/2013	<0.023	U		0.02			<0.007	J	U	<0.0058	U		<0.0051	U					<0.014	U		<0.007	J	U
		VMP-11-29-073113	7/31/2013	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-11-29-102813	10/28/2013	<0.038	U		0.0017	J		<0.011	U		<0.0096	U		<0.0084	U					0.0031	J		<0.011	U	
		VMP-11-29-022114	2/21/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0094	J		<0.0062	U	
		VMP-11-29-043014	4/30/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0025	J		<0.0062	U	
		VMP-11-29-073114	7/31/2014	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.0022	J		<0.0071	U	
		VMP-11-29-103014	10/30/2014	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					0.0064	J		<0.0061	U	
		VMP-11-29-103014-DUP	10/30/2014	<0.02	U		0.0028	J		<0.0059	U		<0.0049	U		<0.0043	U					0.0082	J		<0.0059	U	
		VMP-11-29-020515	2/5/2015	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					0.032			<0.0069	U	
		VMP-11-29-020515-DUP	2/5/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.033			<0.0063	U	
		VMP-11-29-043015	4/30/2015	<0.02	U		<0.015	U		<0.0061	U		<0.0051	J	U	<0.0045	U					0.012			<0.0061	U	
		VMP-11-29-072815	7/28/2015	0.0025	J		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0072	J		<0.0067	U	
		VMP-11-29-110515	11/5/2015	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.0052	J		<0.007	U	
		VMP-11-29-012916	1/29/2016	<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.0052	U					0.0037	J		<0.007	U	
		VMP-11-29-050216	5/2/2016	0.002	J		0.0049	J		<0.0068	U		<0.0057	U		<0.005	U					0.0031	J		<0.0068	U	
		VMP-11-29-080216	8/2/2016	<0.022	U		0.0044	J		<0.0067	U		<0.0056	U		<0.02	U					0.0056	J		<0.0067	U	
		VMP-11-29-110116	11/1/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U		<0.015	U		0.021			<0.0072	U	
	38 ft	VMP-11-38	11/18/2009	<400	U					<120	U		<100	U		<89	U					<240	U		<120	U	
		VMP-11-38-042312	4/23/2012	<1.1	U		0.45	J		<0.32	U		<0.27	U		0.11	J					<0.64	U		<0.32	U	
		VMP-11-38-042312-Dup	4/23/2012	<3.8	U		0.49	J		<1.1	U		<0.94	U		0.098	J					<2.2	U		<1.1	U	
		VMP-11-38-072312	7/23/2012	<1.8	U		0.48	J		<0.53	U		<0.44	U		<0.39	U					<1.1	U		<0.53	U	
		VMP-11-38-101612	10/16/2012	<0.024	U		0.032			<0.0074	U		<0.0061	U		0.011						0.015			<0.0074	U	
		VMP-11-38-013013	1/30/2013	<0.023	U		0.019			<0.0068	U		<0.0056	U		0.0079			<0.014	U	UJ	0.025			<0.0068	U	
		VMP-11-38-043013	4/30/2013	<0.024	U		0.008	J		<0.0074	U		<0.0061	U		0.036						<0.015	U		<0.0074	J	U
		VMP-11-38-073113	7/31/2013	<0.024	U		<0.017	U		<0.0071	U		0.0012	J		0.0048	J					<0.014	U		<0.0071	U	
		VMP-11-38-073113-Dup	7/31/2013	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		0.0055						<0.014	U		<0.0072	U	
		VMP-11-38-102813	10/28/2013	<0.023	U		0.009	J		0.00052	J		0.00077	J		0.071						0.0062	J		0.0006	J	
		VMP-11-38-022114	2/21/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		0.028						<0.012	U		<0.0062	U	
		VMP-11-38-043014	4/30/2014	<0.02	U		0.0037	J		0.0011	J		<0.0051	J	U	0.0068						0.0058	J		0.0024	J	
		VMP-11-38-073114	7/31/2014	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		0.0054						0.0013	J		<0.0068	U	
		VMP-11-38-103014	10/30/2014	<0.023	U		0.0048	J		0.0014	J		<0.0058	U		0.00065	J					0.032			<0.007	U	
		VMP-11-38-020515	2/5/2015	<0.019	U		0.007	J		<0.0058	U		<0.0049	U		<0.0043	U					0.032			0.0013	J	
		VMP-11-38-043015	4/30/2015	<0.024	U		<0.018	U		<0.0074	U		0.0017	J		0.0024	J					0.012	J		<0.0074	U	
		VMP-11-38-072815	7/28/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-11-38-103015	10/30/2015	<0.02	U		0.0034	J		<0.0061	U		<0.0051	J	U	<0.0045	U					0.0032	J		<0.0061	U	
		VMP-11-38-103015-DUP	10/30/2015	0.001	J		<0.013	U		<0.0056	U		<0.0046	U		0.0011	J					0.0029	J		<0.0056	U	
		VMP-11-38-012916	1/29/2016	<0.022	U		<0.016	U		<0.0065	U		0.0013	J		0.00098	J					0.0057	J		<0.0065	U	
		VMP-11-38-050216	5/2/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0014	J		<0.0063	U	
		VMP-11-38-050216-DUP	5/2/2016	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.0022	J		<0.0061	U	
		VMP-11-38-080216	8/2/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U					0.0067	J		<0.0071	U	
		VMP-11-38-110216	11/2/2016	0.0035	J		<0.017	U		0.0012	J		<0.006	U		<0.021	U		0.0012	J	J	0.019			<0.0072	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<52	U					<16	U		<13	U		<11	U					<31	U		<16	U	
		VMP-12-5-090310	9/3/2010	<22	U					2.9	J		<5.5	U		<4.8	U					3.6	J		3	J	
		VMP-12-5-120310	12/3/2010	<220	U					18	J		<54	U		<48	U					<130	U		20	J	
		VMP-12-5-021511	2/15/2011	<10	U					<3	U		<2.5	U		<2.2	U					<6	U		<3	U	
		VMP-12-5-041911	4/19/2011	<73	U		9700			<22	U		<18	U		<16	U					<44	UJ	UJ	<22	U	
		VMP-12-5-080411	8/4/2011	<19	U		7700			<5.7	U		<4.7	U		<4.2	U					<11	U		<5.7	U	
		VMP-12-5-111611	11/16/2011	0.00029	J		0.26			0.0019	J		0.013			<0.0029	U					0.013			<0.004	U	
		VMP-12-5-012412	1/24/2012	<0.15	U		12			0.0062	J		0.08			<0.033	U					0.019	J		<0.045	U	
		VMP-12-5-041912	4/19/2012	<0.015	U		0.029			0.014			0.0051			<0.0033	U					0.0062	J		0.01		
		VMP-12-5-072612	7/26/2012	<0.016	U		0.026			0.0011	J		0.0044			<0.0035	U					0.14		J	0.00081	J	
		VMP-12-5-072612-Dup	7/26/2012	<0.014	U		0.0032	J		<0.0044	U		<0.0036	U		<0.0032	U					0.0013	J	J	<0.0044	U	
		VMP-12-5-102412	10/24/2012	<0.024	U		0.008	J		0.0031	J		0.009			<0.0054	U					0.0063	J		<0.0074	J	U
		VMP-12-5-021813	2/18/2013	<0.022	U		0.026			0.0017	J		0.0081			<0.0048	U		0.0032	J		0.012	J		0.002	J	
		VMP-12-5-051013	5/10/2013	<0.023	U		0.021			0.0014	J		0.0028	J		<0.0051	U					0.14			<0.0069	U	
		VMP-12-5-081213	8/12/2013	<0.022	U		0.0052	J		0.0015	J		<0.0056	U		<0.0049	U					0.0056	J		<0.0067	U	
		VMP-12-5-111413	11/14/2013	<0.022	U		0.0059	J		<0.0066	U		<0.0055	U		<0.0048	U					0.014			<0.0066	U	
		VMP-12-5-031914-R	3/19/2014	<0.021	U		0.024			0.00077	J		0.0037	J		<0.0045	U					0.1			0.001	J	
		VMP-12-5-050214	5/2/2014	<0.017	U		0.04			<0.0051	U		<0.0043	U		<0.0038	U					0.0056	J		<0.0051	U	
		VMP-12-5-081514	8/15/2014	0.0072	J		0.67			0.0054	J		0.0044	J		<0.0051	U					0.0058	J		<0.0069	U	
		VMP-12-5-110714	11/10/2014	0.0024	J		0.0083	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0082	J		<0.0071	U	
		VMP-12-5-021115	2/11/2015	<0.021	U		0.0038	J		<0.0062	J	U	<0.0052	U		<0.0045	U					0.01	J		<0.0062	J	U
		VMP-12-5-050715	5/7/2015	0.0087	J		0.011	J		0.0033	J		<0.0056	J	U	<0.005	U					0.043			<0.0068	U	
		VMP-12-5-073115	7/31/2015	0.0095	J		0.014	J		0.02			0.0073			<0.0049	U					0.009	J		0.028		
		VMP-12-5-110415	11/4/2015	<0.022	U		0.072			0.37			<0.0056	U		<0.0049	U					0.02			1.1		
		VMP-12-5-020316	2/3/2016	<0.023	U		0.0028	J		<0.0069	U		<0.0058	U		<0.0051	U					0.0068	J		<0.0069	U	
		VMP-12-5-050416	5/4/2016	<0.026	U		0.0045	J		0.005	J		<0.0065	U		<0.0057	U					0.0069	J		<0.0078	U	
		VMP-12-5-080316	8/3/2016	0.0032	J		0.0062	J		0.0025	J		0.0021	J		<0.02	U					0.027			0.0017	J	
		VMP-12-5-103116	10/31/2016	<0.022	U		0.0066	J		0.0036	J		0.0065			<0.019	U		<0.014	U		0.12			0.0018	J	
	11.5 ft	VMP-12-11.5	11/13/2009	<90	U					<27	U		<22	U		<20	U					<54	U		<27	U	
		VMP-12-11.5-090310	9/3/2010	<28	U					9.1			<7.1	U		<6.2	U					2.4	J		11		
		VMP-12-11.5-120310	12/3/2010	<24	U					<7.3	U		<6.1	U		<5.4	U					<15	U		<7.3	U	
		VMP-12-11.5-021511	2/15/2011	<22	U					<6.6	U		<5.5	U		<4.8	U					<13	U		2.4	J	
		VMP-12-11.5-021511-DUP	2/15/2011	<19	U					<5.7	U		<4.7	U		<4.2	U					<11	U		1.9	J	
		VMP-12-11.5-041911	4/19/2011	<66	U		11000			<20	U		<16	U		<14	U					<40	UJ	UJ	<20	U	
		VMP-12-11.5-080411	8/4/2011	<23	U		4800			<6.9	U		<5.8	U		<5.1	U					<14	U		<6.9	U	
		VMP-12-11.5-111611	11/16/2011	<0.18	U		12			0.007	J		0.017	J		<0.04	U					<0.11	U		<0.055	U	
		VMP-12-11.5-012412	1/24/2012	<1.7	U		410			<0.52	U		<0.43	U		<0.38	U					<1	U		<0.52	U	
		VMP-12-11.5-041912	4/19/2012	<0.16	U		14			0.014	J		<0.039	U		<0.034	U					<0.094	U		0.016	J	
		VMP-12-11.5-082012	8/20/2012	<0.025	U		0.006	J		0.096			0.18			<0.0055	U					0.026			0.0016	J	
		VMP-12-11.5-102612	10/26/2012	<0.024	U		0.066			0.016			0.032			<0.0052	U					0.016		J	<0.0071	U	
		VMP-12-11.5-021813	2/18/2013	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U		0.00081	J		0.013	J		<0.0071	U	
		VMP-12-11.5-051013	5/10/2013	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.0042	J		<0.0068	U	
		VMP-12-11.5-081213	8/12/2013	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.0035	J		<0.0071	U	
		VMP-12-11.5-111413	11/14/2013	<0.022	U		0.0072	J		<0.0066	U		<0.0055	U		<0.0048	U					0.013			<0.0066	U	
		VMP-12-11.5-022814	2/28/2014	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					<0.012	U		0.0031	J	
		VMP-12-11.5-050214	5/2/2014	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.0028	J		<0.0061	U	
		VMP-12-11.5-081514	8/15/2014	<0.022	U		0.0079	J		0.0018	J		<0.0056	U		<0.0049	U					0.0047	J		0.0015	J	
		VMP-12-11.5-110714	11/7/2014	<0.046	U		0.013	J		0.037			<0.012	U		<0.01	U					0.015	J		0.14		
		VMP-12-11.5-021115	2/11/2015	<0.02	U		0.24			<0.006	U		<0.005	U		<0.0044	U					0.0062	J		<0.006	U	
		VMP-12-11.5-050715	5/7/2015	0.0035	J		0.0017	J		<0.0068	U		<0.0057	J	U	<0.005	U					0.011	J		<0.0068	U	
		VMP-12-11.5-073115	7/31/2015	0.004	J		0.0057	J		0.0016	J		0.0042	J		<0.0054	U					0.0082	J		<0.0074	U	
		VMP-12-11.5-110415	11/4/2015	<0.019	U		0.0087	J		0.01			<0.0047	U		<0.0041	U					0.0086	J		0.025		
		VMP-12-11.5-020316	2/3/2016	0.0017	J		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0089	J		<0.0065	U	
		VMP-12-11.5-050416	5/4/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					0.0034	J		<0.0072	U	
		VMP-12-11.5-080316	8/3/2016	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.022	U					0.016			<0.0075	U	
		VMP-12-11.5-110316	11/3/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		<0.013	U		<0.0065	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	25 ft	VMP-12-25	11/13/2009	<180	U					<56	U		<46	U		<41	U					<110	U		<56	U	
		VMP-12-25-090310	9/3/2010	<36	U					20			<9	U		<7.9	U					<22	U		26		
		VMP-12-25-120310	12/3/2010	<1.8	U					<0.54	U		<0.45	U		<0.39	U					<1.1	U		<0.54	U	
		VMP-12-25-021511	2/15/2011	<44	U					9.2	J		<11	U		<9.6	U					<26	U		9.7	J	
		VMP-12-25-041911	4/19/2011	<71	U		8300			8.6	J		<18	U		<16	U					<43	UJ	UJ	8.1	J	
		VMP-12-25-080411	8/4/2011	<45	U		9200			<14	U		<11	U		<9.9	U					<27	U		<14	U	
		VMP-12-25-111611	11/16/2011	<51	U		8900			<15	U		<13	U		<11	U					<31	U		<15	U	
		VMP-12-25-012412	1/24/2012	<20	U		12000			0.77	J	J	<4.9	U		<4.3	U					<12	U		<5.9	U	
		VMP-12-25-012412-DUP	1/24/2012	<140	U		12000			<43	U		<36	U		<32	U					<86	U		<43	U	
		VMP-12-25-041912	4/19/2012	<15	U		8400			<4.5	U		<3.7	U		<3.3	U					<9	U		<4.5	U	
		VMP-12-25-072712	7/27/2012	<16	U		1400		J	<4.9	U		<4.1	U		<3.6	U					<9.9	U		<4.9	U	
		VMP-12-25-072712-Dup	7/27/2012	<16	U		1800		J	<4.9	U		<4.1	U		<3.6	U					<9.9	U		<4.9	U	
		VMP-12-25-102512	10/25/2012	<7.1	U		180			<2.1	U		<1.8	U		<1.6	U					<4.2	U		<2.1	U	
		VMP-12-25-021513	2/15/2013	<13	U		1400		J	<4	U		<13	U		<2.9	U		<17	U		<7.9	U		<4	U	
		VMP-12-25-051013	5/10/2013	<43	U		2500			<13	U		<11	U		<9.6	UJ	UJ				<26	U		<13	U	
		VMP-12-25-081213	8/12/2013	<23	U		1900			<6.8	U		<5.7	U		<5	U					<14	U		<6.8	U	
		VMP-12-25-111413	11/14/2013	<0.44	U		17			<0.13	U		<0.11	U		<0.096	U					<0.26	U		<0.13	U	
		VMP-12-25-022814	2/28/2014	<0.44	ND,UJ	UJ	10			<0.13	U		<0.11	U		<0.096	U					<0.26	U		<0.13	U	
		VMP-12-25-050214	5/2/2014	<0.024	U		0.061			0.097			<0.0059	U		<0.0052	U					0.0023	J		0.24		
		VMP-12-25-081514	8/15/2014	<0.024	U		0.018			<0.0074	U		0.0027	J		<0.0054	U					<0.015	U		<0.0074	U	
		VMP-12-25-110714	11/7/2014	<0.023	U		0.01	J		<0.0069	U		<0.0058	U		<0.0051	U					0.0062	J		<0.0069	U	
		VMP-12-25-021115	2/11/2015	<0.018	U		0.0058	J		<0.0055	U		<0.0046	U		<0.004	U					0.0027	J		<0.0055	U	
		VMP-12-25-050715	5/7/2015	0.0022	J		0.0099	J		<0.0073	U		<0.0061	J	U	<0.0054	U					0.0099	J		<0.0073	U	
		VMP-12-25-073115	7/31/2015	<0.026	U		<0.019	U		0.0021	J		0.0039	J		<0.0058	U					0.008	J		0.002	J	
		VMP-12-25-110415	11/4/2015	<0.022	U		0.006	J		0.46			<0.0055	U		<0.0048	U					<0.013	U		1.6		
		VMP-12-25-021616	2/16/2016	0.001	J		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.025			<0.0062	U	
		VMP-12-25-021616-DUP	2/16/2016	<0.022	U		0.0015	J		<0.0067	U		0.00087	J		<0.0049	U					0.04			<0.0067	U	
		VMP-12-25-050416	5/4/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0026	J		<0.0065	U	
		VMP-12-25-080316	8/3/2016	<0.023	U		0.018			0.011			<0.0056	U		<0.02	U					0.022			0.048		
		VMP-12-25-103116	10/31/2016	<0.022	U		0.004	J		0.02			<0.0055	U		<0.019	U		0.27			0.016		J	0.072		
		VMP-12-25-103116-Dup	10/31/2016	0.003	J		0.0073	J		0.016			<0.0052	U		<0.018	U		0.26			0.21		J	0.06		
	39 ft	VMP-12-39	11/13/2009	<190	U					<58	U		<48	U		<43	U					<120	U		<58	U	
		VMP-12-39-041911	4/19/2011	<69	U		7800			9.7	J		<17	U		<15	U					<41	UJ	UJ	10	J	
		VMP-12-39-012412	1/24/2012	<140	U		12000			<43	U		<36	U		<32	U					<86	U		<43	U	
		VMP-12-39-041912	4/19/2012	<72	U		8200			<22	U		<18	U		<16	U					19	J		<22	U	
		VMP-12-39-072612	7/26/2012	<33	U		5400			<9.9	U		<8.2	U		<7.2	U					1.6	J		<9.9	U	
		VMP-12-39-102412	10/24/2012	<87	U		2000			<26	U		<22	U		2.2	J					<52	U		<26	U	
		VMP-12-39-021513	2/15/2013	<40	U		4100			17			<40	U		<8.7	U		<51	U		<24	U		20		
		VMP-12-39-051013	5/10/2013	<68	U		3300			6	J		<17	U		<15	UJ	UJ				<41	U		8.3	J	
		VMP-12-39-081213	8/12/2013	<30	U		3600			21			<7.5	U		<6.6	U					<18	U		32		
		VMP-12-39-111413	11/14/2013	<72	U		3200			14	J		<18	U		<16	U					<43	U		18	J	
		VMP-12-39-022814	2/28/2014	<9.8	ND,UJ	UJ	1500			14			<2.4	U		<2.2	U					<5.9	U		19		
		VMP-12-39-050214	5/2/2014	<11	U		1400			2.5	J		<2.7	U		<2.3	U					<6.4	U		1.9	J	
		VMP-12-39-081514	8/15/2014	<26	U		1200			3	J		<6.4	U		<5.6	U					<15	U		1.7	J	
		VMP-12-39-081514-Dup	8/15/2014	<22	U		1200			3.1	J		<5.5	U		<4.9	U					<13	U		1.8	J	
		VMP-12-39-110714	11/7/2014	<11	U		660		J	3.7		J	<2.8	U		<2.4	U					<6.6	U		3	J	J
		VMP-12-39-021115	2/11/2015	<5.4	U		620			8.8			<1.4	U		<1.2	U					<3.3	U		6.7		
		VMP-12-39-050715	5/7/2015	<12	U		370			1.9	J		<3	U		0.52	J					2.8	J		0.98	J	
		VMP-12-39-050715-DUP	5/7/2015	<11	U		370			2	J		<2.8	U		<2.4	U					2.5	J		0.93	J	
		VMP-12-39-061515-Dup-R	6/15/2015	<0.2	U		150	E	J	0.76		J	<0.051	U		0.028	J	J				<0.12	U		0.52		J
		VMP-12-39-061515-R	6/15/2015	<0.24	U		150	E	J	0.78			<0.059	U		0.023	J					<0.14	U		0.52		
		VMP-12-39-073115	7/31/2015	<5	U		860			13			<1.2	U		<1.1	U					<3	U		6.1		
		VMP-12-39-073115-DUP	7/31/2015	<13	U		800			12			<3.4	U		<3	U					<8.1	U		5.2		
		VMP-12-39-110415	11/4/2015	<8.4	U		260			10			<2.1	U		<1.8	ND,UJ	UJ				<5	U		9.2		
		VMP-12-39-020316	2/3/2016	<61	U		580			5.7	J		<15	U		<14	U					<37	U		2.1	J	
		VMP-12-39-050416	5/4/2016	<21	U		940			16			<5.3	U		<4.6	U					<13	U		12		
		VMP-12-39-080316	8/3/2016	<18	U		890			18			<4.6	U		<16	U					1.5	J		14		
		VMP-12-39-110316	11/3/2016	<48	U		780			5.3	J		9.5	J		<42	U		1.6	J		<29	U		3.1	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<40	U					<12	U		<9.9	U		<8.7	U					<24	U		<12	U	
		VMP 13-5-091310	9/13/2010	<0.14	U					<0.043	U		<0.036	U		<0.032	U					<0.086	U		<0.043	U	
		VMP-13-5-120110	12/1/2010	<0.019	U					0.0037	J		<0.0048	U		<0.0042	J	U				0.049			0.008		
		VMP-13-5-021811	2/18/2011	0.00065	J					<0.0068	U		<0.0056	U		<0.005	U					0.0066	J		<0.0068	U	
		VMP-13-5-040511	4/5/2011	<0.045	U		0.021	J		<0.014	U		<0.011	U		<0.01	U					<0.027	U		<0.014	U	
		VMP-13-5-080911	8/9/2011	<0.048	U		3		J	0.039		J	0.12		J	<0.011	U					0.021	J		<0.014	J	U
		VMP-13-5-080911-DUP	8/9/2011	0.0024	J		2		J	0.026		J	0.081		J	<0.0095	U					0.048			<0.013	U	
		VMP-13-5-111411	11/14/2011	<0.015	U		0.0017	J		0.0046			0.031			<0.0033	U					0.012			<0.0045	U	
		VMP-13-5-012712	1/27/2012	<0.13	U		0.64		J	0.0062	J	J	0.0095	J	J	<0.028	U					0.017	J	J	<0.038	U	
		VMP-13-5-042012	4/20/2012	0.0012	J		0.0025	J		0.015			0.048			<0.0032	U					0.032			<0.0044	U	
		VMP-13-5-071912	7/19/2012	<0.015	U		0.0054	J		<0.0046	J	U	0.0037	J		<0.0034	U					0.91			<0.0046	J	U
		VMP-13-5-071912-Dup	7/19/2012	<0.015	U		0.0053	J		<0.0046	J	U	0.0028	J		<0.0034	U					0.88			<0.0046	J	U
		VMP-13-5-100912	10/9/2012	<0.024	U		0.0092	J		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-13-5-012913	1/29/2013	<0.025	U		<0.018	U		<0.0076	U		<0.0064	U		<0.0056	U		<0.016	U	UJ	0.0044	J		<0.0076	U	
		VMP-13-5-050113	5/1/2013	<0.022	U		0.033			<0.0067	J	U	<0.0056	U		<0.0049	U					0.0043	J		<0.0067	J	U
		VMP-13-5-073113	7/31/2013	<0.024	U		0.015	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0028	J		<0.0071	U	
		VMP-13-5-111513	11/15/2013	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-13-5-022114	2/21/2014	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.004	U					<0.011	U		<0.0054	U	
		VMP-13-5-050114	5/1/2014	<0.02	U		0.044			<0.0061	U		<0.0051	U		<0.0045	U					0.022			<0.0061	U	
		VMP-13-5-080814	8/8/2014	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0069	J		<0.006	U	
		VMP-13-5-103014	10/30/2014	<0.022	U		0.0025	J		<0.0065	U		<0.0054	U		<0.0047	U					0.021			<0.0065	U	
		VMP-13-5-020515	2/5/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.011	J		<0.0067	U	
		VMP-13-5-043015	4/30/2015	0.0012	J		<0.016	U		<0.0065	U		0.0019	J		<0.0048	U					0.0024	J		<0.0065	U	
		VMP-13-5-072715	7/27/2015	<0.023	U		<0.016	U		0.0011	J		0.0028	J		<0.0051	U					0.025			<0.0069	U	
		VMP-13-5-110215	11/2/2015	<0.019	U		<0.013	U		<0.0056	U		<0.0047	U		<0.0041	U					0.03			<0.0056	U	
		VMP-13-5-012616	1/26/2016	<0.019	U		<0.014	U		<0.0057	U		<0.0048	J	U	<0.0042	U					0.0028	J		<0.0057	U	
		VMP-13-5-050316	5/3/2016	<0.022	U		0.004	J		<0.0066	U		<0.0055	U		<0.0048	U					0.01	J		<0.0066	U	
		VMP-13-5-072916	7/29/2016	<0.023	U		<0.017	U		<0.0069	U		0.0018	J		<0.02	U					0.029			<0.0069	U	
		VMP-13-5-110216	11/2/2016	<0.02	U		<0.015	U		0.0013	J		0.0025	J		<0.018	U		0.024			0.099			0.0027	J	
	10.5 ft	VMP-13-10.5	11/17/2009	<4.9	U					<1.5	U		<1.2	U		<1.1	U					<2.9	U		<1.5	U	
		VMP-13-10.5-D	11/17/2009	<5.1	U					<1.5	U		<1.3	U		<1.1	U					<3	U		<1.5	U	
		VMP 13-10.5-091310	9/13/2010	<0.053	U					<0.016	U		<0.013	U		<0.012	U					0.013	J		<0.016	U	
		VMP 13-10.5-091310-Dup	9/13/2010	<0.052	U					<0.016	U		<0.013	U		<0.011	U					0.012	J		<0.016	U	
		VMP-13-10.5-120110	12/1/2010	<0.021	U					<0.0064	U		<0.0053	U		<0.0047	J	U				0.1			<0.0064	U	
		VMP-13-10.5-120110-DUP	12/1/2010	<0.022	U					<0.0066	U		<0.0055	U		<0.0049	J	U				0.13			<0.0066	U	
		VMP-13-10.5-021811	2/18/2011	<8.8	U					<2.6	U		<2.2	U		<1.9	U					<5.2	U		<2.6	U	
		VMP-13-10.5-021811-DUP	2/18/2011	<8.4	U					<2.5	U		<2.1	U		<1.8	U					<5.1	U		<2.5	U	
		VMP-13-10.5-040511-DUP	4/5/2011	<0.023	U		0.017			<0.0068	U		<0.0056	U		<0.005	U					0.0022	J		<0.0068	U	
		VMP-13-10.5-080911	8/9/2011	<0.5	U		48			0.027	J		<0.12	U		<0.11	U					<0.3	U		<0.15	U	
		VMP-13-10.5-111411	11/14/2011	<0.014	U		0.0086	J		0.0049			0.039			<0.0032	U					0.022			<0.0043	U	
		VMP-13-10.5-012712	1/26/2012	<0.04	U		0.13		J	0.0058	J		0.013			<0.0088	U					<0.024	U		<0.012	U	
		VMP-13-10.5-012712-DUP	1/26/2012	<0.057	U		0.24		J	0.0065	J		0.015			<0.013	U					<0.034	U		<0.017	U	
		VMP-13-10.5-042012	4/20/2012	0.00085	J		0.013			0.014			0.038			<0.0032	U					0.049			0.00062	J	
		VMP-13-10.5-071912	7/19/2012	<0.015	U		0.012			<0.0046	U		0.00075	J		<0.0034	U					0.23			<0.0046	J	U
		VMP-13-10.5-100912	10/9/2012	<0.02	U		0.0066	J		<0.0061	U		<0.005	U		<0.0044	U					0.013			<0.0061	U	
		VMP-13-10.5-100912-Dup	10/9/2012	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					<0.014	U		<0.0073	U	
		VMP-13-10.5-013013	1/30/2013	<0.021	U		0.0024	J		<0.0062	U		<0.0052	U		<0.0045	U		<0.013	U		0.0096	J		<0.0062	U	
		VMP-13-10.5-050113	5/1/2013	<0.023	U		0.0045	J		<0.0068	U		<0.0057	U		<0.005	U					0.0015	J		<0.0068	U	
		VMP-13-10.5-073113	7/31/2013	<0.014	U		<0.01	U		<0.0043	U		<0.0036	U		<0.0032	U					<0.0086	U		0.00094	J	
		VMP-13-10.5-092013	9/20/2013	<0.024	U		0.039			<0.0072	U		<0.006	U		<0.0053	U					0.0024	J		0.00092	J	
		VMP-13-10.5-111513	11/15/2013	<0.023	U		0.02			0.0078			<0.0058	U		<0.0051	U					<0.014	U	UJ	0.021		J
		VMP-13-10.5-111513-Dup	11/15/2013	<0.021	U		0.036			0.021			<0.0052	U		0.0035	J					0.04		J	0.057		J
		VMP-13-10.5-022114	2/21/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					<0.013	U		<0.0064	U	
		VMP-13-10.5-050114	5/1/2014	<0.018	U		0.0027	J		<0.0054	U		<0.0045	U		<0.0039	U					0.003	J		<0.0054	U	
		VMP-13-10.5-080814	8/8/2014	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-13-10.5-103014	10/30/2014	0.0032	J		0.005	J		0.0037	J		0.0033	J		0.002	J					0.0043	J		0.0036	J	
		VMP-13-10.5-020515	2/5/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0079	J		<0.0065	U	
		VMP-13-10.5-043015	4/30/2015	0.0016	J		<0.017	U		<0.0069	U		0.0022	J		<0.0051	U					0.0027	J		<0.0069	U	
		VMP-13-10.5-072715	7/27/2015	0.0034	J		0.0086	J		<0.0069	U		0.0023	J		<0.0051	U					0.015			<0.0069	U	
		VMP-13-10.5-110215	11/2/2015	0.0029	J	J	0.0024	J		<0.0058	U		0.0032	J		<0.0043	U					0.044			<0.0058	U	
		VMP-13-10.5-012616	1/26/2016	<0.021	U		0.0012	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0053	J		<0.0062	U	
		VMP-13-10.5-050316	5/3/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0027	J		<0.0067	U	
		VMP-13-10.5-072916	7/29/2016	<0.024	U		0.018			<0.0071	U		<0.0059	U		<0.021	U					0.0094	J		<0.0071	U	
		VMP-13-10.5-110216	11/2/2016	<0.024	U		<0.017	U		<0.0071	U		0.0021	J		<0.021	U		<0.015	U		0.019			<0.0071	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	21.5 ft	VMP-13-21.5	11/17/2009	<250	U					<75	U		<62	U		<55	U					<150	U		<75	U	
		VMP 13-21.5-091310	9/13/2010	<40	U					<12	U		<9.9	U		<8.7	U					<24	U		<12	U	
		VMP-13-21.5-120110	12/1/2010	<77	U					<23	U		<19	U		<17	U					<46	U		<23	U	
		VMP-13-21.5-021811	2/18/2011	<11	U					<3.4	U		<2.9	U		<2.5	U					1.7	J		<3.4	U	
		VMP-13-21.5-040511	4/5/2011	<16	U		40			<5	U		<4.1	U		<3.6	U					<9.9	U		<5	U	
		VMP-13-21.5-080911	8/9/2011	<2.1	U		100			<0.62	U		<0.52	U		<0.45	U					<1.2	U		<0.62	U	
		VMP-13-21.5-111411	11/14/2011	<9.4	U		63			<2.8	U		<2.4	U		<2.1	U					<5.6	U		<2.8	U	
		VMP-13-21.5-111411-DUP	11/14/2011	<9.4	U		63			<2.8	U		<2.4	U		<2.1	U					0.96	J		<2.8	U	
		VMP-13-21.5-012712	1/27/2012	<2.2	U		49		J	<0.66	U		<0.55	U		0.075	J	J				<1.3	U		<0.66	U	
		VMP-13-21.5-042012	4/20/2012	<0.24	U		12			0.017	J		0.049	J		0.053						0.14	J		<0.073	U	
		VMP-13-21.5-071912	7/19/2012	<0.015	U		0.37			<0.0046	J	U	0.011			0.0044						0.21			<0.0046	J	U
		VMP-13-21.5-100912	10/9/2012	<0.025	U		0.22			<0.0074	U		<0.0062	U		0.0092						<0.015	U		<0.0074	U	
		VMP-13-21.5-013013	1/30/2013	<0.024	U		<0.017	U		<0.0073	U		0.0016	J		<0.0053	U		<0.016	U		0.015			<0.0073	U	
		VMP-13-21.5-050113	5/1/2013	<0.024	U		0.0024	J		<0.0072	U		0.0038	J		<0.0053	U					0.0032	J		<0.0072	U	
		VMP-13-21.5-073113	7/31/2013	<0.024	U		0.042			<0.0073	U		<0.0061	U		<0.0054	U					0.0031	J		<0.0073	U	
		VMP-13-21.5-102813	10/28/2013	<0.022	U		0.0021	J		<0.0066	U		0.00055	J		<0.0049	U					0.0082	J		<0.0066	U	
		VMP-13-21.5-102813-Dup	10/28/2013	<0.022	U		0.0038	J		<0.0067	U		<0.0056	U		<0.0049	U					0.0096	J		<0.0067	U	
		VMP-13-21.5-022114	2/21/2014	<0.42	U		20			<0.12	U		<0.1	U		<0.092	U					<0.25	U		<0.12	U	
		VMP-13-21.5-050114	5/1/2014	<0.017	U		0.0013	J		<0.0052	U		<0.0044	U		<0.0038	U					0.0034	J		<0.0052	U	
		VMP-13-21.5-080814	8/8/2014	0.0026	J		0.0054	J		<0.0065	U		0.0022	J		<0.0047	U					0.014			<0.0065	U	
		VMP-13-21.5-103014	10/30/2014	0.0037	J		<0.014	U		<0.0059	J	U	<0.0049	U		<0.0043	U					0.015			<0.0059	U	
		VMP-13-21.5-020515	2/5/2015	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0063	J		<0.0069	U	
		VMP-13-21.5-043015	4/30/2015	0.0016	J		0.0014	J		<0.0075	U		0.0031	J		<0.0055	U					0.0015	J		<0.0075	U	
		VMP-13-21.5-072715	7/27/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0052	U					0.016			<0.0072	U	
		VMP-13-21.5-112515	11/25/2015	<0.02	U		0.005	J		0.0045	J		<0.005	U		<0.0044	U					0.005	J		0.013		
		VMP-13-21.5-012616	1/26/2016	<0.021	U		0.0019	J		<0.0062	U		<0.0052	U		<0.0045	U					0.012	J		<0.0062	U	
		VMP-13-21.5-050316	5/3/2016	<0.024	U		0.0032	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0032	J		<0.0071	U	
		VMP-13-21.5-050316-DUP	5/3/2016	<0.024	U		0.002	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0033	J		<0.0071	U	
		VMP-13-21.5-072916	7/29/2016	<0.024	U		<0.017	U		0.0015	J		<0.0059	U		<0.021	U					0.015			<0.0071	U	
		VMP-13-21.5-110216	11/2/2016	0.0037	J		0.013	J		0.013			0.015			<0.018	U		0.025			0.036			0.014		
	29.5 ft	VMP-13-29.5	11/17/2009	<490	U					<150	U		<120	U		<110	U					<290	U		<150	U	
		VMP-13-29.5-021811	2/18/2011	<350	U					<110	U		<88	U		<78	U					<210	U		<110	U	
		VMP-13-29.5-040511	4/5/2011	<230	U		100	J		<69	U		<57	U		<50	U					<140	U		<69	U	
		VMP-13-29.5-013012	1/30/2012	<7	U		77		J	<2.1	U		<1.8	U		<1.5	U					<4.2	U		<2.1	U	
		VMP-13-29.5-042012	4/20/2012	<9.2	U		96			<2.8	U		<2.3	U		<2	U					2.9	J		<2.8	U	
		VMP-13-29.5-071912	7/19/2012	<26	U		50			<7.9	U		<6.6	U		<5.8	U					<16	U		<7.9	U	
		VMP-13-29.5-100912	10/9/2012	<25	U		74			<7.4	U		<6.2	U		4.8	J					<15	U		<7.4	U	
		VMP-13-29.5-013013	1/30/2013	<10	U		1.9	J		<3.1	U		0.63	J		<2.3	U		<6.7	U		1.7	J		<3.1	U	
		VMP-13-29.5-050113	5/1/2013	<0.68	U		<0.49	U		<0.2	U		<0.17	U		<0.15	U					0.039	J		<0.2	U	
		VMP-13-29.5-073113	7/31/2013	<0.024	U		0.012	J		<0.0074	U		<0.0061	U		<0.0054	U					<0.015	U		<0.0074	U	
		VMP-13-29.5-102813	10/28/2013	<0.022	U		0.0029	J		<0.0067	U		<0.0056	U		0.00014	J					0.017			<0.0067	U	
		VMP-13-29.5-022114	2/21/2014	<0.21	U		10			<0.064	U		<0.053	U		<0.047	U					<0.13	U		<0.064	U	
		VMP-13-29.5-022114-Dup	2/21/2014	<0.2	U		10			<0.061	U		<0.051	U		<0.045	U					<0.12	U		<0.061	U	
		VMP-13-29.5-050114	5/1/2014	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					0.0035	J		<0.0059	U	
		VMP-13-29.5-080814	8/8/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					0.0058	J		<0.0064	U	
		VMP-13-29.5-103014	10/30/2014	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0043	U					0.011	J		<0.0058	U	
		VMP-13-29.5-020515	2/5/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0067	J		<0.006	U	
		VMP-13-29.5-043015	4/30/2015	0.0028	J		<0.017	U		<0.0072	U		0.0037	J		<0.0053	U					0.0053	J		<0.0072	U	
		VMP-13-29.5-072715	7/27/2015	<0.025	U		<0.018	U		<0.0075	U		<0.0063	U		<0.0055	U					0.011	J		<0.0075	U	
		VMP-13-29.5-072715-DUP	7/27/2015	<0.025	U		0.0056	J		<0.0076	U		<0.0063	U		<0.0056	U					0.0062	J		<0.0076	U	
		VMP-13-29.5-110215	11/2/2015	<0.018	U		<0.013	U		<0.0052	U		<0.0044	U		<0.0038	U					0.0044	J		<0.0053	U	
		VMP-13-29.5-110215-DUP	11/2/2015	<0.018	U		0.0021	J		<0.0055	U		<0.0046	U		<0.004	U					0.0057	J		<0.0055	U	
		VMP-13-29.5-012616	1/26/2016	<0.019	U		0.0019	J		<0.0058	U		0.0027	J		<0.0042	U					0.0056	J		<0.0058	U	
		VMP-13-29.5-050316	5/3/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0087	J		<0.0065	U	
		VMP-13-29.5-082616-R	8/29/2016	<0.018	U		0.013	J		<0.0055	J	U	0.001	J		<0.016	U					0.05			<0.0055	U	
		VMP-13-29.5-110216	11/2/2016	<0.022	U		<0.016	U		0.0016	J		<0.0055	U		0.0038	J		0.018			0.016			0.0044	J	
		VMP-13-29.5-110216-Dup	11/2/2016	<0.021	U		<0.015	U		0.0014	J		<0.0053	U		0.0031	J		0.014			0.016			0.0044	J	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5	11/20/2009	<0.042	U					<0.013	U		<0.01	U		<0.009	U					<0.025	U		<0.013	U	
		VMP 14-5-091010	9/10/2010	<1	U					<0.3	U		<0.25	U		<0.22	U					<0.61	U		<0.3	U	
		VMP-14-5-120110	12/1/2010	<0.02	U					<0.0059	U		<0.0049	U		0.00061	J					0.15			<0.0059	U	
		VMP-14-5-021711	2/17/2011	<0.022	U					<0.0065	J	U	<0.0054	U		<0.0048	U					0.0053	J		<0.0065	J	U
		VMP-14-5-040511	4/5/2011	<0.022	U		1.7	E	J	<0.0066	U		<0.0055	U		0.00051	J					0.004	J		<0.0066	U	
		VMP-14-5-080811	8/8/2011	<23	U		4700			<6.9	U		<5.8	U		<5.1	U					<14	U		<6.9	U	
		VMP-14-5-111411	11/14/2011	<0.058	U		0.0097	J		0.0022	J		0.019			<0.013	U					0.0088	J		<0.017	U	
		VMP-14-5-042012	4/20/2012	<0.014	U		0.063			0.013			0.096			<0.0031	U					0.017			<0.0042	U	
		VMP-14-5-072312	7/23/2012	0.006	J		<0.012	U		0.075			0.47			<0.0037	U					0.11			0.00095	J	
		VMP-14-5-101012	10/10/2012	<0.024	U		<0.017	U		0.0061	J		0.037			<0.0052	U					0.0089	J		<0.0071	U	
		VMP-14-5-013113	1/31/2013	<0.022	U		0.0017	J		<0.0066	J	U	<0.0055	U		<0.0048	U		<0.014	U		0.0022	J		<0.0066	J	U
		VMP-14-5-050113	5/1/2013	<0.025	U		0.034			<0.0075	J	U	0.004	J		<0.0055	U					<0.015	U		<0.0075	J	U
		VMP-14-5-111113	11/11/2013	<0.024	U		0.0083	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0055	J		<0.0071	J	U
		VMP-14-5-022614	2/26/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0085	J		<0.0065	U	
		VMP-14-5-050114	5/1/2014	<0.017	U		<0.012	U		<0.0052	U		<0.0044	J	U	<0.0038	U					0.0047	J		<0.0052	U	
		VMP-14-5-081114	8/11/2014	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.0074	J		<0.0068	U	
		VMP-14-5-103014	10/30/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-14-5-020615	2/6/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.081			<0.0065	U	
		VMP-14-5-043015	4/30/2015	0.0036	J		<0.015	U		<0.0064	U		0.0037	J		<0.0047	J	U				0.0088	J		<0.0064	U	
		VMP-14-5-072915	7/29/2015	0.0045	J		0.0036	J		<0.0061	U		<0.0051	U		<0.0045	U					0.01	J		<0.0061	U	
		VMP-14-5-110215	11/2/2015	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.012	J		<0.0061	U	
		VMP-14-5-012616	1/26/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-14-5-050316	5/3/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.0064	J		<0.007	U	
		VMP14-5-072916	7/29/2016	<0.023	U		0.0053	J		<0.0068	U		<0.0057	U		<0.02	U					<0.014	U		<0.0068	U	
		VMP-14-5-110216	11/2/2016	<0.023	U		0.0046	J		<0.0068	U		0.0026	J		<0.02	U		0.00074	J		0.034			<0.0068	U	
	11.5 ft	VMP-14-11.5	11/16/2009	<5	U					<1.5	U		<1.2	U		<1.1	U					<3	U		<1.5	U	
		VMP 14-11.5-091010	9/10/2010	<16	U					0.97	J		<3.9	U		<3.4	U					<9.4	U		<4.7	U	
		VMP-14-11.5-120110	12/2/2010	<1.4	U					<0.41	U		<0.34	U		<0.3	U					0.39	J		<0.41	U	
		VMP-14-11.5-120110-DUP	12/2/2010	<1.2	U					<0.37	U		<0.31	U		<0.27	U					0.42	J		<0.37	U	
		VMP-14-11.5-021711	2/17/2011	<0.45	U					<0.14	U		<0.11	U		<0.1	U					<0.27	U		<0.14	U	
		VMP-14-11.5-021711-DUP	2/17/2011	<0.45	U					<0.14	U		<0.11	U		<0.1	U					<0.27	U		<0.14	U	
		VMP-14-11.5-040511	4/5/2011	<0.073	U		43	E	J	<0.022	U		<0.018	U		<0.016	U					<0.044	U		0.02	J	
		VMP-14-11.5-080811	8/8/2011	<2.3	U		490			<0.68	U		<0.57	U		<0.5	U					<1.4	U		<0.68	U	
		VMP-14-11.5-111511	11/15/2011	<3.5	U		1000			<1.1	U		<0.88	U		<0.78	U					0.42	J		<1.1	U	
		VMP-14-11.5-012612	1/26/2012	<14	U		2400			<4.3	U		<3.6	U		<3.2	U					<8.6	U		<4.3	U	
		VMP-14-11.5-042312	4/23/2012	<0.015	U		0.071			0.008			0.054			<0.0033	U					0.024			<0.0045	U	
		VMP-14-11.5-042312-Dup	4/23/2012	<0.015	U		0.074			0.0059			0.045			<0.0033	U					0.0073	J		<0.0045	U	
		VMP-14-11.5-072512	7/25/2012	<5.3	U		830			<1.6	U		<1.3	U		<1.2	U					<3.2	U		<1.6	U	
		VMP-14-11.5-101012	10/10/2012	<0.023	U		0.094			<0.0068	U		<0.0056	U		<0.005	U					0.012	J		<0.0068	U	
		VMP-14-11.5-013113	1/31/2013	<0.021	U		0.0029	J		<0.0063	U		<0.0053	U		<0.0046	U		<0.014	U		0.0018	J		<0.0063	J	U
		VMP-14-11.5-050113	5/1/2013	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					<0.015	U		<0.0073	U	
		VMP-14-11.5-080113	8/1/2013	<0.027	U		0.0054	J		<0.008	J	U	0.0044	J		<0.0059	U					0.013	J		<0.008	U	
		VMP-14-11.5-111113	11/11/2013	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.0045	J		<0.007	U	
		VMP-14-11.5-022614	2/26/2014	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					<0.012	U		<0.0061	U	
		VMP-14-11.5-050114	5/1/2014	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					0.0032	J		<0.0059	U	
		VMP-14-11.5-081114	8/11/2014	<0.021	U		0.12			<0.0064	U		<0.0053	U		<0.0047	U					0.028			<0.0064	U	
		VMP-14-11.5-103014	10/30/2014	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					<0.012	U		<0.0061	U	
		VMP-14-11.5-020615	2/6/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0092	J		<0.006	U	
		VMP-14-11.5-043015	4/30/2015	0.0022	J		0.0013	J		<0.0074	U		0.0048	J		<0.0054	U					0.0058	J		<0.0074	U	
		VMP-14-11.5-072915	7/29/2015	0.0033	J		0.0059	J		<0.0072	U		0.0021	J		<0.0053	U					0.019			<0.0072	U	
		VMP-14-11.5-110215	11/2/2015	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					0.0084	J		<0.0064	U	
		VMP-14-11.5-012616	1/26/2016	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0048	J		<0.006	U	
		VMP-14-11.5-050316	5/3/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.0017	J		<0.0068	U	
		VMP-14-11.5-072916	7/29/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					0.0049	J		<0.0072	U	
		VMP-14-11.5-110216	11/2/2016	<0.024	U		0.0052	J		<0.0071	U		<0.0059	U		<0.021	U		<0.015	U		0.038			<0.0071	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	20 ft	VMP-14-20	11/16/2009	<190	U					<58	U		<49	U		<43	U					<120	U		<58	U	
		VMP 14-20-091010	9/10/2010	<240	U					6.4	J		<60	U		<52	U					<140	U		<72	U	
		VMP 14-20-091010-Dup	9/10/2010	<250	U					<74	U		<62	U		<54	U					<150	U		<74	U	
		VMP-14-20-120110	12/2/2010	<640	U					<190	U		<160	U		<140	U					<380	U		<190	U	
		VMP-14-20-021811	2/18/2011	<360	U					<110	U		<91	U		<80	U					<220	U		<110	U	
		VMP-14-20-040511	4/5/2011	<160	U		3200			<47	U		<39	U		<34	U					<93	U		<47	U	
		VMP-14-20-080811	8/8/2011	<56	U		6100			<17	U		<14	U		<12	U					<34	U		<17	U	
		VMP-14-20-111511	11/15/2011	<290	U		6600			<88	U		<73	U		<64	U					<170	U		<88	U	
		VMP-14-20-012612	1/26/2012	<29	U		6600			<8.6	U		<7.2	U		<6.3	U					1.2	J	J	<8.6	U	
		VMP-14-20-042312	4/23/2012	<16	U		4900			0.67	J		<3.9	U		<3.4	U					<9.4	U		<4.7	U	
		VMP-14-20-072512	7/25/2012	<25	U		4700			<7.5	U		<6.2	U		<5.5	U					<15	U		<7.5	U	
		VMP-14-20-101612	10/16/2012	<120	U		3300			<35	U		<29	U		<25	U					<69	U		<35	U	
		VMP-14-20-013113	1/31/2013	<41	U		1500			<12	U		5.3	J		<9.1	U		<26	U		8.2	J		<12	U	
		VMP-14-20-050113	5/1/2013	<0.25	U		13		J	<0.075	U		<0.062	U		<0.055	U					<0.15	U		<0.075	U	
		VMP-14-20-050113-Dup	5/1/2013	<1	U		37		J	<0.3	U		<0.25	U		<0.22	U					<0.6	U		<0.3	U	
		VMP-14-20-080113	8/1/2013	<0.25	U		2.4			<0.076	U		<0.064	U		<0.056	U					0.02	J		<0.076	U	
		VMP-14-20-111113	11/11/2013	<0.22	U		0.22			<0.066	U		<0.055	U		<0.049	U					<0.13	U		<0.066	U	
		VMP-14-20-022614	2/26/2014	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					<0.012	U		<0.0059	J	U
		VMP-14-20-050114	5/1/2014	<0.02	U		0.0033	J		<0.006	U		<0.005	U		<0.0044	U					0.0029	J		<0.006	U	
		VMP-14-20-081114	8/11/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					0.0075	J		<0.0064	U	
		VMP-14-20-103014	10/30/2014	<0.02	U		0.0042	J		0.0075			<0.0051	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-14-20-020615	2/6/2015	<0.022	U		0.004	J		0.0026	J		<0.0056	U		<0.0049	U					0.025			<0.0067	U	
		VMP-14-20-043015	4/30/2015	0.0014	J		0.0014	J		<0.0064	U		<0.0053	J	U	<0.0047	U					0.0045	J		<0.0064	U	
		VMP-14-20-072915	7/29/2015	<0.023	U		0.0047	J		0.0066	J		<0.0057	U		<0.005	U					0.01	J		<0.0068	U	
		VMP-14-20-110215	11/2/2015	<0.02	U		0.014	J		0.028			<0.0051	U		<0.0045	U					0.0084	J		<0.0061	U	
		VMP-14-20-012616	1/26/2016	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					0.0043	J		<0.0061	U	
		VMP-14-20-050416	5/4/2016	<0.022	U		0.005	J		0.027			<0.0056	U		<0.0049	U					<0.013	U		0.038		
		VMP-14-20-072916	7/29/2016	<0.026	U		<0.018	U		<0.0077	U		<0.0064	U		<0.023	U					<0.015	U		<0.0077	U	
	29 ft	VMP-14-29	11/16/2009	<760	U					<230	U		<190	U		<170	U					<460	U		<230	U	
		VMP-14-29-021811	2/18/2011	<520	U					<160	U		<130	U		<120	U					<320	U		<160	U	
		VMP-14-29-040511	4/5/2011	<450	U		4600			<140	U		<110	U		<100	U					<270	U		<140	U	
		VMP-14-29-012612	1/26/2012	<510	U		7300			<150	U		<130	U		<110	U					<310	U		<150	U	
		VMP-14-29-042312	4/23/2012	<180	U		4700			<55	U		<46	U		<40	U					<110	U		<55	U	
		VMP-14-29-072512	7/25/2012	<190	U		5400			<58	U		<48	U		<42	U					<120	U		<58	U	
		VMP-14-29-101612	10/16/2012	<290	U		3000			<86	U		<72	U		<63	U					<170	U		<86	U	
		VMP-14-29-013113-DUP	1/31/2013	<390	U		1600		J	<120	U		<97	U		<85	U		<250	U		<230	U		<120	U	
		VMP-14-29-013113	1/31/2013	<160	U		5600		J	<48	U		<40	U		<36	U		<100	U		<97	U		<48	U	
		VMP-14-29-050213	5/2/2013	<160	U		5300			<49	U		<41	U		<36	U					<98	U		<49	U	
		VMP-14-29-080113	8/1/2013	<120	U		<87	U		<36	U		<30	U		<27	U					<73	U		<36	U	
		VMP-14-29-111113	11/11/2013	<3.5	U		42			<1.1	U		<0.88	U		<0.78	U					<2.1	U		<1.1	U	
		VMP-14-29-022614	2/26/2014	<3.8	U		26		J	0.55	J		<0.94	U		<0.82	U					<2.2	U		<1.1	U	
		VMP-14-29-022614-Dup	2/26/2014	<2	U		1.2	J	J	0.53	J		<0.5	U		<0.44	U					<1.2	U		<0.61	U	
		VMP-14-29-050114	5/1/2014	<0.24	U		0.074	J		0.69			<0.061	U		<0.054	U					<0.15	U		<0.073	U	
		VMP-14-29-050114-Dup	5/1/2014	<0.24	U		<0.17	U		0.67			<0.061	U		<0.053	U					<0.14	U		<0.073	U	
		VMP-14-29-081114	8/11/2014	<0.023	U		0.01	J	J	<0.0068	U		<0.0057	U		<0.005	U					0.0045	J	J	<0.0068	U	
		VMP-14-29-081114-DUP	8/11/2014	<0.023	U		0.0087	J		<0.007	U		<0.0058	U		<0.0051	U					<0.014	U		<0.007	U	
		VMP-14-29-103014	10/30/2014	<0.02	U		0.015			<0.006	U		<0.005	U		0.0017	J					<0.012	U		<0.006	U	
		VMP-14-29-020615	2/6/2015	<0.022	U		0.0056	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0086	J		<0.0065	U	
		VMP-14-29-043015	4/30/2015	0.0012	J		0.0094	J		0.0035	J		<0.005	J	U	<0.0044	J	U				0.01	J		0.014		J
		VMP-14-29-043015-DUP	4/30/2015	0.0016	J		0.0054	J		<0.0052	U		0.0024	J		0.0008	J					0.0067	J		0.0018	J	J
		VMP-14-29-072915	7/29/2015	<0.024	U		0.0027	J		<0.0073	U		<0.0061	U		<0.0054	U					0.0038	J		<0.0073	U	
		VMP-14-29-110215	11/2/2015	<0.021	U		0.0029	J		<0.0063	U		<0.0052	U		<0.0046	U					0.0072	J		<0.0063	U	
		VMP-14-29-012616	1/26/2016	<0.021	U		0.25			<0.0062	U		<0.0052	U		<0.0045	U					0.0045	J		<0.0062	U	
		VMP-14-29-012616-DUP	1/26/2016	<0.02	U		0.25			<0.006	U		<0.005	U		<0.0044	U					0.0036	J		<0.006	U	
		VMP-14-29-050316	5/3/2016	<0.023	U		0.0032	J		<0.007	U		<0.0058	U		<0.0052	U					<0.014	U		<0.007	U	
		VMP-14-29-072916	7/29/2016	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.021	U					<0.015	U	UJ	<0.0073	U	
		VMP-14-29-072916-DUP	7/29/2016	<0.019	U		0.013	J		<0.0056	U		0.0026	J		<0.016	U					0.059		J	<0.0056	U	
		VMP-14-29-110216	11/2/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		<0.014	U		0.0078	J		<0.0068	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	5 ft	VMP-15-5	11/18/2009	<0.021	U					<0.006	U		<0.005	U		<0.004	U					<0.012	U		<0.006	U	
		VMP-15-5-D	11/18/2009	<0.021	U					<0.006	U		<0.005	U		<0.004	U					<0.012	U		<0.006	U	
		VMP 15-5-091410	9/14/2010	<0.021	U					<0.0062	U		<0.0052	U		<0.0045	U					0.018			<0.0062	U	
		VMP-15-5-113010	11/30/2010	<0.49	U					<0.15	U		<0.12	U		<0.11	U					<0.29	U		0.065	J	
		VMP-15-5-021611	2/16/2011	<0.46	U					<0.14	U		<0.12	U		<0.1	U					0.17	J		<0.14	U	
		VMP-15-5-042011	4/20/2011	<2.7	U		140			<0.32	U		<2.7	U		<0.24	U					<0.65	U		<0.32	U	
		VMP-15-5-080811	8/8/2011	0.0016	J		0.014	J		0.01			0.07			<0.0054	U					0.04			<0.0073	J	U
		VMP-15-5-111511	11/15/2011	<0.027	U		0.26			0.0072	J		0.03			<0.006	U					0.036			0.0019	J	
		VMP-15-5-020112	2/1/2012	<0.14	U		0.014	J		0.03	J		0.049			<0.031	U					0.029	J		0.067		
		VMP-15-5-042412	4/24/2012	<0.14	U		0.25			0.0094	J		<0.036	U		<0.032	U					0.1			<0.043	U	
		VMP-15-5-072512	7/25/2012	0.0037	J		0.0034	J		0.03			0.06			<0.0036	U					0.0099			0.0012	J	
		VMP-15-5-102512	10/25/2012	<0.024	U		0.1			0.052			0.11			<0.0054	U					0.026			<0.0073	J	U
		VMP-15-5-020513	2/5/2013	<0.024	U		0.0019	J		<0.0071	U		<0.0059	U		<0.0052	U		<0.015	U	UJ	0.025			<0.0071	U	
		VMP-15-5-050913	5/9/2013	<0.026	U		0.017	J		<0.0078	U		<0.0065	U		<0.0057	U					0.005	J		<0.0078	U	
		VMP-15-5-080813	8/8/2013	<0.024	U		0.0033	J		<0.0073	U		0.0022	J		<0.0053	U					0.0079	J		<0.0073	U	
		VMP-15-5-111113	11/11/2013	<0.021	U		<0.015	U		0.0019	J		<0.0052	U		<0.0046	U					0.0093	J		0.0077		
		VMP-15-5-022714	2/27/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					0.028			0.0011	J	
		VMP-15-5-050514	5/5/2014	<0.023	U		<0.016	U		<0.0068	U		0.0011	J		<0.005	U					<0.014	U		<0.0068	U	
		VMP-15-5-081414	8/14/2014	<0.024	U		0.0033	J		<0.0072	U		<0.006	U		<0.0053	U					0.0015	J		<0.0072	U	
		VMP-15-5-110614	11/6/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					<0.013	U		<0.0063	U	
		VMP-15-5-020615	2/6/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0096	J		<0.0063	U	
		VMP-15-5-050415	5/4/2015	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					0.02			0.0014	J	
		VMP-15-5-072915	7/29/2015	<0.023	U		0.0055	J		<0.007	U		<0.0058	U		<0.0051	U					<0.014	U		<0.007	U	
		VMP-15-5-110415	11/4/2015	<0.022	U		0.0059	J		<0.0067	U		<0.0056	U		<0.0049	U					0.011	J		<0.0067	U	
		VMP-15-5-020316	2/3/2016	<0.043	U		<0.031	U		<0.013	U		<0.011	U		<0.0094	U					0.011	J		0.0018	J	
		VMP-15-5-050316	5/3/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-15-5-080216	8/2/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U					0.014			<0.0067	U	
		VMP-15-5-110116	11/1/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.014	U		0.0056	J		<0.0066	U	
	21.5 ft	VMP-15-21.5	11/18/2009	<9.3	U					<2.8	U		<2.3	U		<2	U					<5.6	U		<2.8	U	
		VMP 15-21.5-091410	9/14/2010	<2.2	U					<0.67	U		<0.56	U		<0.49	U					<1.3	U		<0.67	U	
		VMP-15-21.5-113010	11/30/2010	<2.6	U					<0.79	U		<0.66	U		<0.58	U					<1.6	U		<0.79	U	
		VMP-15-21.5-021611	2/16/2011	<1.8	U					<0.55	U		<0.46	U		<0.4	U					<1.1	U		<0.55	U	
		VMP-15-21.5-042011	4/20/2011	<7.2	U		190			<0.86	U		<7.2	U		<0.63	U					<1.7	U		<0.86	U	
		VMP-15-21.5-080811	8/8/2011	<2.3	U		130			<0.69	U		<0.58	U		<0.51	U					<1.4	U		<0.69	U	
		VMP-15-21.5-111511	11/15/2011	<1.8	U		100			<0.55	U		<0.46	U		<0.4	U					<1.1	U		<0.55	U	
		VMP-15-21.5-020112	2/1/2012	<1.4	U		7.9		J	<0.41	U		<0.34	U		<0.3	U					<0.82	U		<0.41	U	
		VMP-15-21.5-042412	4/24/2012	<0.6	U		9.8			<0.18	U		<0.15	U		<0.13	U					<0.36	U		<0.18	U	
		VMP-15-21.5-072512	7/25/2012	<2.2	U		4.2			<0.65	U		<0.54	U		<0.48	U					0.12	J		<0.65	U	
		VMP-15-21.5-102512	10/25/2012	<3.5	U		6.2			<1.1	U		<0.89	U		<0.78	U					<2.1	U		<1.1	U	
		VMP-15-21.5-102512-Dup	10/25/2012	<3.6	U		6.4			<1.1	U		<0.91	U		<0.8	U					<2.2	U		<1.1	U	
		VMP-15-21.5-020713	2/7/2013	<0.09	U		0.9			<0.027	U		<0.022	U		<0.02	U		<0.058	U	UJ	0.026	J		<0.027	U	
		VMP-15-21.5-051513	5/15/2013	<2	U		330			<0.61	U		<0.51	U		<0.45	U					<1.2	U		<0.61	U	
		VMP-15-21.5-080813	8/8/2013	<0.45	U		1.8			<0.14	U		<0.11	U		<0.1	U					<0.27	U		<0.14	U	
		VMP-15-21.5-111113	11/11/2013	<0.02	U		<0.014	U		0.001	J		<0.005	U		<0.0044	U					0.0066	J		0.0025	J	
		VMP-15-21.5-111113-Dup	11/11/2013	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					<0.013	U		<0.0063	U	
		VMP-15-21.5-022714	2/27/2014	0.011	J		0.0062	J		<0.0058	U		0.0054			<0.0042	U					0.087			<0.0058	J	U
		VMP-15-21.5-050514	5/5/2014	<0.018	U		0.022			0.0036	J		0.0091			<0.0039	U					0.051			0.0012	J	
		VMP-15-21.5-081414	8/14/2014	<0.24	U		0.041	J		<0.073	U		<0.061	U		<0.054	U					<0.14	U	UJ	<0.073	U	
		VMP-15-21.5-110614	11/6/2014	<0.066	U		0.14			<0.02	U		<0.016	U		<0.014	U					<0.04	U		<0.02	U	
		VMP-15-21.5-020615	2/6/2015	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.086			<0.0071	U	
		VMP-15-21.5-050415	5/4/2015	<0.02	U		0.0041	J		<0.0061	U		0.0019	J		<0.0045	U					0.0078	J		<0.0061	U	
		VMP-15-21.5-072915	7/29/2015	<0.26	U		1.7			<0.078	U		<0.065	U		<0.057	U					<0.16	U		<0.078	U	
		VMP-15-21.5-110415	11/4/2015	<0.023	U		0.01	J		<0.0068	U		<0.0057	U		<0.005	U					0.0077	J		<0.0068	U	
		VMP-15-21.5-020316	2/3/2016	<0.29	U		1.6			<0.086	U		<0.072	U		<0.063	U					0.041	J		<0.086	U	
		VMP-15-21.5-050316	5/3/2016	<0.017	U		0.014			<0.0052	U		<0.0044	U		<0.0038	U					0.012			<0.0052	U	
		VMP-15-21.5-080216	8/2/2016	<0.14	U		0.035	J		<0.043	U		<0.036	U		<0.13	U					<0.086	U		<0.043	U	
		VMP-15-21.5-110116	11/1/2016	<0.033	U		0.019	J		0.0032	J		<0.0082	U		<0.029	U		0.25			0.0084	J		0.0091	J	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	25.5 ft	VMP-15-25.5	11/18/2009	<9.7	U					<2.9	U		<2.4	U		<2.1	U					<5.8	U		<2.9	U	
		VMP 15-25.5-091410	9/14/2010	<0.021	U					<0.0063	U		<0.0053	U		<0.0046	U					0.0041	J		<0.0063	U	
		VMP-15-25.5-021611	2/16/2011	<0.28	U					<0.084	U		<0.07	U		<0.062	U					0.057	J		<0.084	U	
		VMP-15-25.5-042011	4/20/2011	<0.58	U		0.42		J	<0.069	U		<0.58	U		<0.051	U					<0.14	U		<0.069	U	
		VMP-15-25.5-042011-DUP	4/20/2011	<0.54	U		2.5		J	<0.065	U		<0.54	U		<0.048	U					<0.13	U		<0.065	U	
		VMP-15-25.5-080811	8/8/2011	<0.23	U		4.8			0.022	J		<0.058	U		<0.051	U					<0.14	U		<0.069	U	
		VMP-15-25.5-111511	11/15/2011	<0.071	U		4.3			0.0026	J		0.044			<0.016	U					0.033	J		<0.021	U	
		VMP-15-25.5-073112	7/31/2012	<0.15	U		12			0.032	J		0.062			<0.033	U					0.013	J		<0.045	U	
		VMP-15-25.5-102512	10/25/2012	<0.024	U		0.72			0.049			0.14			<0.0054	U					0.026		J	<0.0073	U	
		VMP-15-25.5-021213	2/12/2013	<0.73	U		37			0.07	J		<0.73	U		<0.16	U		<0.94	U		<0.44	U		<0.22	U	
		VMP-15-25.5-050913	5/9/2013	<9.8	U		970			<2.9	U		<2.4	U		<2.2	UJ	UJ				<5.9	U		<2.9	U	
		VMP-15-25.5-080813	8/8/2013	<0.023	U		0.45			<0.007	U		<0.0058	U		<0.0051	U					0.0032	J		<0.007	U	
		VMP-15-25.5-111113	11/11/2013	<0.021	U		0.007	J		<0.0063	U		<0.0052	U		<0.0046	U					0.015			<0.0063	U	
		VMP-15-25.5-022714	2/27/2014	<0.02	U		0.06			<0.006	U		<0.005	U		<0.0044	U					0.042			<0.006	U	
		VMP-15-25.5-050514	5/5/2014	<0.019	U		0.04			<0.0058	U		<0.0048	U		<0.0043	U					0.013			<0.0058	U	
		VMP-15-25.5-081414	8/14/2014	<0.24	U		7.4			<0.072	U		<0.06	U		<0.053	U					<0.14	U	UJ	<0.072	U	
		VMP-15-25.5-110614	11/6/2014	<0.078	U		4			<0.023	U		<0.02	U		<0.017	U					<0.047	U		<0.023	U	
		VMP-15-25.5-110614-DUP	11/6/2014	<0.069	U		4.1			<0.021	U		<0.017	U		<0.015	U					<0.041	U		<0.021	U	
		VMP-15-25.5-020615	2/6/2015	<0.023	U		1.7			<0.0068	U		<0.0056	U		<0.005	U					0.023			<0.0068	U	
		VMP-15-25.5-050415	5/4/2015	<0.022	U		0.012	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0039	J		<0.0066	U	
		VMP-15-25.5-072915	7/29/2015	<0.29	U		36			<0.086	U		<0.072	U		<0.063	U					<0.17	U		<0.086	U	
		VMP-15-25.5-110415	11/4/2015	<0.02	U		0.0069	J		<0.006	U		<0.005	U		<0.0044	U					0.0029	J		<0.006	U	
		VMP-15-25.5-020316	2/3/2016	<1.1	U		100			<0.34	U		<0.29	U		<0.25	U					<0.69	U		<0.34	U	
		VMP-15-25.5-050316	5/3/2016	<0.055	U		0.86			<0.016	U		<0.014	U		<0.012	U					<0.033	U		<0.016	U	
		VMP-15-25.5-080216	8/2/2016	<0.23	U		6.2			<0.07	U		<0.058	U		<0.2	U					<0.14	U		<0.07	U	
		VMP-15-25.5-110116	11/1/2016	<0.15	U		3.8			0.0089	J		<0.037	U		<0.13	U		0.036	J		<0.089	U		0.01	J	
		VMP-15-25.5-110116-Dup	11/1/2016	<0.15	U		3.8			<0.046	U		<0.038	U		<0.14	U		0.045	J		<0.092	U		0.014	J	
	29 ft	VMP-15-29	11/19/2009	<12	U					<3.7	U		<3	U		<2.7	U					<7.3	U		<3.7	U	
		VMP-15-29-073112	7/31/2012	<0.64	U		110			0.06	J	J	<0.16	U		<0.14	U					0.024	J	J	<0.19	U	
		VMP-15-29-102512	10/25/2012	<0.051	U		2.1			0.075			0.23			<0.011	U					0.059		J	<0.015	U	
		VMP-15-29-021213	2/12/2013	<0.44	U		48			<0.13	U		<0.44	U		<0.097	U		<0.56	U		<0.26	U		<0.13	U	
		VMP-15-29-050913	5/9/2013	<4.8	U		200			<1.4	U		<1.2	U		<1.1	UJ	UJ				<2.9	U		<1.4	U	
		VMP-15-29-080813	8/8/2013	0.0038	J		0.031			<0.0069	U		0.0023	J		<0.0051	U					0.0039	J		<0.0069	U	
		VMP-15-29-111113	11/11/2013	<0.022	U		0.08			<0.0066	U		<0.0055	U		<0.0048	U					0.0054	J		0.0034	J	
		VMP-15-29-022714	2/27/2014	<0.02	U		0.0037	J		<0.0059	U		<0.005	U		<0.0044	U					0.041			0.0031	J	
		VMP-15-29-022714-Dup	2/27/2014	<0.019	U		0.0034	J		0.0014	J		<0.0049	U		<0.0043	U					0.051			0.0034	J	
		VMP-15-29-081414	8/14/2014	<0.24	U		2.4			<0.071	U		<0.059	U		<0.052	U					<0.14	U	UJ	<0.071	U	
		VMP-15-29-110614	11/6/2014	<0.09	U		2.8			<0.027	U		<0.022	U		<0.02	U					<0.054	U		<0.027	U	
		VMP-15-29-020615	2/6/2015	<0.02	U		1.4			<0.0059	U		<0.005	U		<0.0044	U					0.22		J	<0.0059	U	
		VMP-15-29-020615-DUP	2/6/2015	<0.021	U		1.5			<0.0063	U		<0.0053	U		<0.0046	U					0.17		J	<0.0063	U	
		VMP-15-29-050415	5/4/2015	<0.023	U		0.32			<0.0069	J	U	<0.0057	U		<0.005	U					0.0077	J		<0.0069	J	U
		VMP-15-29-072915	7/29/2015	<0.32	U		39			<0.097	U		<0.081	U		<0.071	U					<0.19	U		<0.097	U	
		VMP-15-29-072915-DUP	7/29/2015	<0.27	U		39			<0.081	U		<0.067	U		<0.059	U					<0.16	U		<0.081	U	
		VMP-15-29-110415	11/4/2015	<0.021	U		0.02			<0.0063	U		<0.0053	U		0.0012	J					0.0075	J		<0.0063	U	
		VMP-15-29-020316	2/3/2016	<0.44	U		56			<0.13	U		<0.11	U		<0.096	U					<0.26	U		<0.13	U	
		VMP-15-29-050316	5/3/2016	<0.022	U		0.31			<0.0067	U		<0.0056	U		0.0016	J					<0.013	U		<0.0067	U	
		VMP-15-29-080216	8/2/2016	<0.29	U		0.98			<0.087	U		<0.073	U		<0.26	U					<0.17	U		<0.087	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5	11/20/2009	<0.28	U					<0.083	U		<0.069	U		<0.061	U					<0.16	U		<0.083	U	
		VMP-16-5-090210	9/2/2010	<39	U					14			<9.7	U		2.7	J					<23	U		20		
		VMP-16-5-112910	11/29/2010	<18	U					4.2	J	J	<4.5	U		1.2	J	J				<11	U		4.4	J	J
		VMP-16-5-021511	2/15/2011	<11	U					<3.2	U		<2.7	U		<2.4	U					<6.5	U		1.4	J	J
		VMP-16-5-042211	4/22/2011	<36	U		4800			<4.3	U		<36	U		1.9	J					<8.6	U		<4.3	U	
		VMP-16-5-080511	8/5/2011	<4.6	U		760			<1.4	U		<1.2	U		0.29	J					<2.8	U		<1.4	U	
		VMP-16-5-042512	4/25/2012	<16	U		2400			<4.7	U		<3.9	U		0.83	J					<9.4	U		<4.7	U	
		VMP-16-5-073012	7/30/2012	<15	U		1400		J	0.58	J	J	<3.7	U		0.84	J	J				<8.8	U		0.67	J	J
		VMP-16-5-102512	10/25/2012	<12	U		120			<3.5	U		<2.9	U		<2.5	U					<6.9	U		<3.5	U	
		VMP-16-5-021413	2/14/2013	<1.8	U		5.4		J	<0.54	U		<1.8	U		<0.4	U		<2.3	U		<1.1	U		<0.54	U	
		VMP-16-5-042313	4/23/2013	<3.5	U		40			<1	U		<0.87	U		<0.76	U					0.11	J		<1	U	
		VMP-16-5-081313	8/13/2013	<0.024	U		0.0065	J		<0.0072	U		<0.006	U		<0.0053	U					0.011	J		<0.0072	U	
		VMP-16-5-111513	11/15/2013	<0.021	U		0.053			0.015			<0.0053	U		<0.0046	U					0.0061	J		0.019		
		VMP-16-5-030614	3/6/2014	<0.021	U					<0.0063	U		<0.0053	U		<0.0046	U					0.02			<0.0063	U	
		VMP-16-5-050214	5/2/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.0016	J		<0.0063	U	
		VMP-16-5-081514	8/15/2014	<0.024	U		0.047			<0.0074	U		<0.0061	U		<0.0054	U					0.0033	J		<0.0074	U	
		VMP-16-5-110714	11/7/2014	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					0.0058	J		<0.0059	U	
		VMP-16-5-021115	2/11/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0047	U					0.0082	J		<0.0065	U	
		VMP-16-5-050715	5/7/2015	0.026			0.033			0.0045	J		0.028			<0.0054	U					0.028			<0.0073	U	
		VMP-16-5-073115	7/31/2015	<0.022	U		0.01	J		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U		<0.0065	U	
		VMP-16-5-110415	11/4/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	J	U	<0.0049	U					0.004	J		<0.0067	U	
		VMP-16-5-020316	2/3/2016	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U					0.0047	J		<0.0074	U	
		VMP-16-5-050416	5/4/2016	0.0013	J		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0037	J		<0.0067	U	
		VMP-16-5-080316	8/3/2016	<0.018	U		0.0052	J		<0.0056	U		<0.0046	U		<0.016	U					0.067			<0.0056	U	
		VMP-16-5-103116	10/31/2016	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		<0.013	U		0.0065	J		<0.0062	U	
	13.5 ft	VMP-16-13.5	11/19/2009	<1.2	U					<0.37	U		<0.3	U		<0.27	U					<0.73	U		<0.37	U	
		VMP-16-13.5-090210	9/2/2010	<40	U					15			<10	U		2.9	J					<24	U		24		
		VMP-16-13.5-090210-DUP	9/2/2010	<40	U					16			<10	U		3.1	J					<24	U		23		
		VMP-16-13.5-112910	11/29/2010	<110	U					<34	U		<29	U		<25	U					<69	U		<34	U	
		VMP-16-13.5-021611	2/16/2011	<22	U					<6.6	U		<5.5	U		<4.8	U					<13	U		<6.6	U	
		VMP-16-13.5-021611-DUP	2/16/2011	<22	U					<6.5	U		<5.4	U		<4.8	U					<13	U		<6.5	U	
		VMP-16-13.5-042211	4/22/2011	<58	U		4800			<7	U		<58	U		2.6	J					<14	U		<7	U	
		VMP-16-13.5-080511	8/5/2011	<2.3	U	UJ	190		J	<0.68	U	UJ	<0.56	U	UJ	0.29	J	J				<1.4	U	UJ	<0.68	U	UJ
		VMP-16-13.5-042512	4/25/2012	<2.5	U		5200			0.8		J	<0.62	U		<0.55	U					0.094	J	J	1.1		J
		VMP-16-13.5-073012	7/30/2012	<75	U		4100			<22	U		<19	U		2.7	J					<45	U		<22	U	
		VMP-16-13.5-102512	10/25/2012	<230	U		2500			<69	U		<58	U		<51	U					<140	U		<69	U	
		VMP-16-13.5-021413	2/14/2013	<37	U		1800		J	4	J	J	<37	U		2.1	J	J	<47	U		<22	U		7.8	J	J
		VMP-16-13.5-042313	4/23/2013	<10	U		2500			1.4	J		<2.6	U		<2.3	U					<6.3	U		2.7	J	
		VMP-16-13.5-081313	8/13/2013	<24	U		830		J	2.7	J	J	<5.9	U		<5.2	U					<14	U		4.6	J	J
		VMP-16-13.5-081313-Dup	8/13/2013	<60	U		830			<18	U		<15	U		<13	U					<36	U		<18	U	
		VMP-16-13.5-111513	11/15/2013	<170	U		470			<51	U		<42	U		<37	U					<100	U		<51	U	
		VMP-16-13.5-030614	3/6/2014	<19	U		140		J	2.2	J	J	<4.8	U		<4.2	U					<11	U		3.2	J	J
		VMP-16-13.5-050214	5/2/2014	<5.1	U		87		J	1.3	J	J	<1.3	U		0.37	J					<3	U		1.7		J
		VMP-16-13.5-050214-Dup	5/2/2014	<18	U		34		J	<5.6	U		<4.6	U		<4.1	U					<11	U		<5.6	U	
		VMP-16-13.5-081514	8/15/2014	<110	U		110			<34	U		<28	U		<25	U					<68	U		7.2	J	
		VMP-16-13.5-110714	11/7/2014	<22	U		47			4.3	J		<5.4	U		<4.7	U					<13	U		7.2		
		VMP-16-13.5-110714-DUP	11/7/2014	<20	U		47			4.4	J		<5	U		<4.4	U					<12	U		6.7		
		VMP-16-13.5-021115	2/11/2015	<36	U		34			<11	U		<9.1	U		<8	U					<22	U		<11	U	
		VMP-16-13.5-050715	5/7/2015	<52	U		49			<16	U		<13	U		<12	U					<31	U		<16	U	
		VMP-16-13.5-073115	7/31/2015	<11	U		11			1.9	J		<2.9	U		<2.5	U					<6.9	U		3	J	
		VMP-16-13.5-110415	11/4/2015	<23	U		8.2	J		1.9	J		<5.8	U		<5.1	ND,UJ	UJ				<14	U		3.1	J	
		VMP-16-13.5-020316	2/3/2016	<110	U		<78	U		<32	U		<27	U		<24	U					<65	U		<32	U	
		VMP-16-13.5-052516-R	5/25/2016	<11	U		13			<3.3	U		<2.8	U		<2.4	U					<6.7	U		0.45	J	
		VMP-16-13.5-080316	8/3/2016	<37	U		53			5.3	J		<9.2	U		<32	U					<22	U		7	J	
		VMP-16-13.5-103116	10/31/2016	<11	U		13			1	J		<2.9	U		<2.5	U		<15	ND,UJ	UJ	<6.9	U		2	J	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	19 ft	VMP-16-19	11/19/2009	<10	U					<3.2	U		<2.6	U		<2.3	U					<6.3	U		<3.2	U	
		VMP-16-19-090210	9/2/2010	<40	U					24			<10	U		3.1	J					<24	U		35		
		VMP-16-19-112910	11/29/2010	<88	U					9.4	J		<22	U		<19	U					<53	U		12	J	
		VMP-16-19-021611	2/16/2011	<21	U					<6.3	U		<5.3	U		<4.6	U					<13	U		<6.3	U	
		VMP-16-19-042711	4/27/2011	<54	U		2800			<6.5	U		<54	U		1.2	J					<13	U		<6.5	U	
		VMP-16-19-042711-DUP	4/27/2011	<53	U		2800			<6.3	U		<53	U		1.3	J					<13	U		<6.3	U	
		VMP-16-19-042512	4/25/2012	<58	U		5600			2.3	J		<14	U		4	J					<35	U		4	J	
		VMP-16-19-073012	7/30/2012	<52	U		5200			3.3	J		<13	U		3.3	J					<31	U		5.2	J	
		VMP-16-19-102512	10/25/2012	<220	U		4100			<65	U		<54	U		<48	U					<130	U		<65	U	
		VMP-16-19-021413	2/14/2013	<22	U		3800		J	27		J	<22	U		4.5	J	J	<28	U		<13	U		45		J
		VMP-16-19-042313	4/23/2013	<20	U		2600			24			<5	U		2.3	J					<12	U		48		
		VMP-16-19-081313	8/13/2013	<23	U		2200		J	25		J	<5.6	U		2.3	J	J				<14	U		51		J
		VMP-16-19-111513	11/15/2013	<140	U		2800			17	J		<36	U		<32	U					<86	U		24	J	
		VMP-16-19-111513-Dup	11/15/2013	<140	U		2900			17	J		<36	U		<32	U					<86	U		24	J	
		VMP-16-19-030614	3/6/2014	<49	U		2100			18			<12	U		<11	U					<30	U		32		
		VMP-16-19-050214	5/2/2014	<21	U		750			6.5			<5.4	U		0.91	J					<13	U		9		
		VMP-16-19-081514	8/15/2014	<54	U		1400			9.9	J		<13	U		3.3	J					<32	U		16	J	
		VMP-16-19-110714	11/7/2014	<20	U	UJ	350		J	8.2		J	<5	U	UJ	<4.4	U	UJ				<12	U	UJ	13		J
		VMP-16-19-120214-R	12/2/2014	<22	U		480			8.3			<5.5	U		<4.8	U					<13	U		11		
		VMP-16-19-021115	2/11/2015	<18	U		310			5	J		<4.6	U		<4.1	U					<11	U		6.4		
		VMP-16-19-050715	5/7/2015	<40	U		390			7	J		<10	U		1.3	J					4.3	J		10	J	
		VMP-16-19-073115	7/31/2015	<24	U		190			25			<5.9	U		<5.2	U					<14	U		41		
		VMP-16-19-110415	11/4/2015	<3.8	U		570			47			<0.96	U		0.25	J	J				<2.3	U		90		
		VMP-16-19-020316	2/3/2016	<130	U		100			15	J		<32	U		<28	U					<76	U		24	J	
		VMP-16-19-050416	5/4/2016	<8.1	U		110			14			<2	U		0.71	J					<4.9	U		22		
		VMP-16-19-080316	8/3/2016	<24	U		86			24			<6.1	U		<21	U					1.7	J		38		
		VMP-16-19-103116	10/31/2016	<11	U		140			34			<2.7	U		0.61	J		<14	U		3	J		70		
	31 ft	VMP-16-31	11/19/2009	<16	U					<4.8	U		<4	U		<3.5	U					<9.5	U		<4.8	U	
		VMP-16-31-D	11/19/2009	<16	U					<4.8	U		<4	U		<3.5	U					<9.5	U		<4.8	U	
		VMP-16-31-090310	9/3/2010	<0.024	U					0.0037	J		<0.0059	U		0.014						0.041			0.0047	J	
		VMP-16-31-112910	11/29/2010	<89	U					12	J		<22	U		<20	U					<54	U		14	J	
		VMP-16-31-042512	4/25/2012	<70	U		6200			3.6	J		<18	U		4.8	J					<42	U		6.3	J	
		VMP-16-31-073012	7/30/2012	<57	U		6200			<17	U		<14	U		3.3	J					<34	U		<17	U	
		VMP-16-31-102512	10/25/2012	<270	U		4200			<81	U		<67	U		<59	U					<160	U		<81	U	
		VMP-16-31-021813	2/18/2013	<82	U		4600			21	J		<82	U		4.1	J		<100	U		<49	U		36		
		VMP-16-31-042313	4/23/2013	<52	U		4200			40			<13	U		3.4	J					<31	U		85		
		VMP-16-31-081313	8/13/2013	<58	U		2800			41			<15	U		2.4	J					<35	U		93		
		VMP-16-31-111513	11/15/2013	<130	U		360			<39	U		<33	U		<29	U					<79	U		<39	U	
		VMP-16-31-030614	3/6/2014	<37	U		1500			6.3	J		<9.2	U		<8.1	U					<22	U		11	J	
		VMP-16-31-050214	5/2/2014	<10	U		800			14			<2.6	U		0.61	J					<6.3	U		25		
		VMP-16-31-081514	8/15/2014	<56	U		1700			23			<14	U		<12	U					<34	U		40		
		VMP-16-31-081514-Dup	8/15/2014	<58	U		1800			28			<14	U		<13	U					<35	U		44		
		VMP-16-31-110714	11/7/2014	<10	U		1200			42			<2.5	U		<2.2	U					<6	U		78		
		VMP-16-31-021115	2/11/2015	<16	U		840			21			<4.1	U		1.3	J					<9.8	U		29		
		VMP-16-31-050715	5/7/2015	<29	U		900			48			<7.3	U		1.3	J					<18	U		85		
		VMP-16-31-073115	7/31/2015	<12	U		470			75			<3	U		0.3	J					<7.3	U		160		
		VMP-16-31-073115-DUP	7/31/2015	<11	U		450			67			<2.8	U		<2.5	U					<6.8	U		150		
		VMP-16-31-110415	11/4/2015	<24	U		310			66			<5.9	U		<5.2	ND,UJ	UJ				<14	U		140		
		VMP-16-31-020316	2/3/2016	<44	U		180			37			<11	U		<9.6	U					<26	U		65		
		VMP-16-31-020316-DUP	2/3/2016	<52	U		190			47			<13	U		<11	U					<31	U		87		
		VMP-16-31-050416	5/4/2016	<22	U		230			37			<5.4	U		2.7	J					3.6	J		76		
		VMP-16-31-050416-DUP	5/4/2016	<21	U		240			47			<5.3	U		1.1	J					4.1	J		97		
		VMP-16-31-080316	8/3/2016	<15	U		260			50			<3.7	U		0.96	J					1.6	J		98		
		VMP-16-31-103116	10/31/2016	<10	U		680			47			<2.6	U		1.1	J		7.2	J	J	<6.2	U		100		
		VMP-16-31-103116-Dup	10/31/2016	<11	U		640			48			<2.7	U		0.97	J		<14	ND,UJ	UJ	<6.6	U		110		

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	<0.024	U					<0.007	U		<0.006	U		<0.005	U					2.1	E	J	<0.007	U	
		VMP-17-5-DUP	6/21/2010	<0.024	U					<0.007	U		<0.006	U		<0.005	U					1.6	E	J	<0.007	U	
		VMP-17-5-090110	9/1/2010	<0.022	U					<0.0066	U		<0.0055	U		<0.0048	U					0.027			<0.0066	U	
		VMP-17-5-112210	11/22/2010	<0.022	U					<0.0066	U		<0.0055	U		<0.0048	U					0.022			<0.0066	U	
		VMP-17-5-020711	2/7/2011	<0.021	U					<0.0062	U		<0.0052	U		<0.0045	U					0.004	J		<0.0062	J	U
		VMP-17-5-040611	4/6/2011	<0.083	U		0.18			<0.025	U		<0.021	U		<0.018	U					<0.05	U		<0.025	U	
		VMP-17-5-080111	8/1/2011	<0.32	U		12			0.035	J		0.088			<0.069	U					<0.19	U		<0.095	U	
		VMP-17-5-110711	11/7/2011	0.00053	J		0.0054	J		0.0017	J		0.012			<0.0031	U					0.011			<0.0042	U	
		VMP-17-5-012612	1/26/2012	<0.015	U		0.0026	J		0.0056			0.039			<0.0032	U					0.039			<0.0044	U	
		VMP-17-5-041112	4/11/2012	<0.015	U		0.0034	J		0.027			0.073			<0.0033	U					0.045			<0.0045	J	U
		VMP-17-5-071112	7/11/2012	<0.016	J	U	0.025			0.039			0.25			<0.0035	U					0.11			<0.0048	J	U
		VMP-17-5-100912	10/9/2012	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U					0.0049	J		<0.0074	U	
		VMP-17-5-013113	1/31/2013	<0.087	U		0.036	J		0.012	J		<0.022	U		<0.019	U		0.027	J		0.0065	J		0.0062	J	
		VMP-17-5-013113-DUP	1/31/2013	<0.087	U		0.13			0.0068	J		<0.022	U		<0.019	U		0.035	J		<0.052	U		<0.026	J	U
		VMP-17-5-050113	5/1/2013	<0.023	U		0.002	J		<0.007	U		<0.0058	U		<0.0052	U					<0.014	U		<0.007	U	
		VMP-17-5-072913	7/29/2013	<0.023	U		0.032			<0.007	U		<0.0058	U		<0.0052	U					0.0037	J		<0.007	U	
		VMP-17-5-072913-Dup	7/29/2013	<0.024	U		0.043			<0.0073	U		<0.0061	U		<0.0054	U					<0.014	U		<0.0073	U	
		VMP-17-5-110813	11/8/2013	<0.022	U		0.0059	J		<0.0067	U		<0.0056	U		<0.0049	U					0.0032	J		<0.0067	U	
		VMP-17-5-021114	2/11/2014	<0.019	U		0.026			<0.0056	U		<0.0047	U		<0.0041	U					<0.011	U		<0.0056	U	
		VMP-17-5-042214	4/22/2014	<0.02	U		0.021			<0.0061	U		<0.0051	U		<0.0045	U					0.019		J	<0.0061	U	
		VMP-17-5-073114	7/31/2014	<0.022	U		0.0016	J		<0.0068	U		<0.0056	U		<0.005	U					0.004	J		<0.0068	U	
		VMP-17-5-103014	10/30/2014	<0.02	U		0.0062	J		<0.006	U		<0.005	U		<0.0044	U					0.0087	J		<0.006	U	
		VMP-17-5-020415	2/4/2015	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					0.0044	J		<0.0059	U	
		VMP-17-5-050115	5/1/2015	0.0011	J		<0.014	U		<0.0058	U		<0.0048	J	U	<0.0042	U					0.0032	J		<0.0058	U	
		VMP-17-5-072815	7/28/2015	<0.024	U		<0.018	U		<0.0074	U		<0.0061	U		<0.0054	U					0.0039	J		<0.0074	U	
		VMP-17-5-102915	10/29/2015	<0.021	U		0.0042	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0022	J		<0.0062	U	
		VMP-17-5-020216	2/2/2016	<0.02	U		0.0073	J		<0.0059	U		<0.0049	U		<0.0043	U					0.028			<0.0059	U	
		VMP-17-5-050216	5/2/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					<0.013	U		<0.0064	U	
		VMP-17-5-072516	7/25/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U					0.022			<0.007	U	
		VMP-17-5-103116	10/31/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U		0.00076	J	J	0.0054	J		<0.0069	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	<0.024	U					<0.007	U		<0.005	U		<0.005	U					0.012	J		<0.007	U	
		VMP-18-8.5-090710	9/7/2010	<0.021	U					<0.0063	J	U	<0.0053	U		0.00046	J					0.014			<0.0063	J	U
		VMP-18-8.5-111910	11/19/2010	<0.018	U					<0.0053	U		<0.0044	U		<0.0039	U					0.0036	J		<0.0053	U	
		VMP-18-8.5-020711	2/7/2011	<0.019	U					0.0014	J		<0.0049	U		<0.0043	U					0.091		J	0.0029	J	
		VMP-18-8.5-020711-DUP	2/7/2011	<0.019	U					<0.0056	U		<0.0047	U		<0.0041	U					0.012		J	0.0017	J	
		VMP-18-8.5-040711	4/7/2011	<0.021	U		0.012	J		0.0064			<0.0053	U		<0.0046	U					<0.013	U		0.01		
		VMP-18-8.5-072811	7/28/2011	0.0039	J		<0.016	U		0.036			0.1			<0.005	U					0.03			0.001	J	
		VMP-18-8.5-110711	11/7/2011	0.00089	J		0.0026	J		0.0018	J		0.013			<0.0032	U					0.012			<0.0044	U	
		VMP-18-8.5-012312	1/23/2012	0.00068	J		<0.011	U		0.0026	J		0.057			<0.0035	U					0.035			<0.0048	U	
		VMP-18-8.5-041012	4/10/2012	0.0025	J		0.0058	J		0.062			0.16			<0.0036	U					0.14			<0.0049	J	U
		VMP-18-8.5-071212	7/12/2012	<0.016	J	U	0.0079	J		0.025			0.19			<0.0035	U					0.088			<0.0048	J	U
		VMP-18-8.5-100912	10/9/2012	<0.022	U		0.0056	J		<0.0065	U		<0.0054	U		<0.0048	U					0.038			<0.0065	U	
		VMP-18-8.5-012313	1/23/2013	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U		<0.015	U		0.0069	J		<0.0071	U	
		VMP-18-8.5-050113	5/1/2013	<0.025	U		0.0037	J		<0.0076	J	U	<0.0063	U		<0.0056	U					<0.015	U		<0.0076	J	U
		VMP-18-8.5-072913	7/29/2013	<0.024	U		0.063			<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-18-8.5-102513	10/25/2013	0.00074	J		0.0085	J		<0.0061	U		0.00073	J		<0.0044	U					0.0031	J		0.00029	J	
		VMP-18-8.5-102513-Dup	10/25/2013	<0.023	U		0.0046	J		<0.007	U		0.00067	J		<0.0051	U					0.005	J		0.00033	J	
		VMP-18-8.5-020614	2/6/2014	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.0042	U	UJ				<0.011	U		<0.0057	U	
		VMP-18-8.5-042214	4/22/2014	<0.024	U		<0.017	U		0.0015	J		0.0028	J		<0.0053	U					0.0077	J	J	<0.0073	U	
		VMP-18-8.5-042214-Dup	4/22/2014	<0.021	U		<0.015	U		0.0017	J		0.0028	J		<0.0047	U					0.0067	J	J	<0.0064	U	
		VMP-18-8.5-073114	7/31/2014	<0.026	U		<0.019	U		<0.0078	U		<0.0065	U		<0.0058	U					0.0019	J		<0.0078	U	
		VMP-18-8.5-110314	11/3/2014	0.0036	J		<0.016	U		<0.0065	J	U	<0.0054	U		<0.0047	U					0.019			<0.0065	U	
		VMP-18-8.5-020415	2/4/2015	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					<0.012	U		<0.0061	U	
		VMP-18-8.5-050115	5/1/2015	<0.023	U		0.0016	J		<0.0068	U		<0.0056	J	U	<0.005	U					0.0015	J		<0.0068	U	
		VMP-18-8.5-050115-DUP	5/1/2015	<0.022	U		0.0017	J		<0.0067	U		<0.0056	J	U	<0.0049	U					0.0027	J		<0.0067	U	
		VMP-18-8.5-072815	7/28/2015	<0.024	U		<0.018	U		<0.0074	U		<0.0061	U		<0.0054	U					0.0036	J		<0.0074	U	
		VMP-18-8.5-102915	10/29/2015	0.00088	J		0.0011	J		<0.006	U		<0.005	J	U	<0.0044	U					0.0045	J		<0.006	U	
		VMP-18-8.5-020216	2/2/2016	<0.02	U		0.01	J		<0.0061	U		<0.0051	U		<0.0045	U					0.048			<0.0061	U	
		VMP-18-8.5-050516	5/5/2016	<0.02	U		<0.015	U		0.0021	J		<0.0051	U		<0.0045	U					0.0056	J		0.0032	J	
		VMP-18-8.5-072516	7/25/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					0.012	J		<0.0072	U	
		VMP-18-8.5-102516	10/26/2016	<0.041	U		<0.03	U		<0.012	U		<0.01	U		<0.036	U		<0.026	U		0.026			<0.012	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	<0.022	U					<0.006	U		<0.005	U		<0.004	U					0.024			<0.006	U	
		VMP-19-5-090110	9/1/2010	0.0038	J	J				<0.0063	U		<0.0053	U		<0.0046	U					0.58			<0.0063	J	U
		VMP-19-5-111510	11/15/2010	<0.023	U					<0.0068	U		<0.0056	U		0.0007	J					0.0034	J		<0.0068	U	
		VMP-19-5-020411	2/4/2011	<0.02	U					<0.0059	U		<0.005	U		<0.0044	U					0.0076	J		<0.0059	U	
		VMP-19-5-040711	4/7/2011	<0.022	U		0.025			<0.0066	U		<0.0055	U		<0.0049	U					<0.013	U		<0.0066	U	
		VMP-19-5-080911	8/9/2011	<0.024	U		0.21		J	0.045			0.16			<0.0053	U					0.026			<0.0073	J	U
		VMP-19-5-080911-DUP	8/9/2011	<0.023	U		0.14		J	0.044			0.16			<0.0051	U					0.028			<0.0069	J	U
		VMP-19-5-110811	11/8/2011	0.00042	J		0.0097	J		0.0012	J		0.0087			<0.0035	U					0.0078	J		<0.0048	U	
		VMP-19-5-012612	1/26/2012	<0.014	U		0.0027	J		0.0039	J		0.0036			<0.0031	U					0.01			<0.0042	U	
		VMP-19-5-041012	4/10/2012	0.0027	J		0.0078	J		0.052			0.14			<0.0035	U					0.076			<0.0048	J	U
		VMP-19-5-071112	7/11/2012	<0.018	J	U	0.0059	J		0.042			0.22			<0.004	U					<0.011	U		<0.0055	J	U
		VMP-19-5-100912	10/9/2012	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					0.085			<0.0073	U	
		VMP-19-5-013113	1/31/2013	<0.021	U		0.12			0.063			<0.0053	U		<0.0046	U		0.015			0.083			0.049		
		VMP-19-5-043013	4/30/2013	<0.028	U		0.0027	J		<0.0084	J	U	0.0016	J		<0.0061	U					<0.017	U		0.0038	J	
		VMP-19-5-073113	7/31/2013	<0.023	U		<0.017	U		<0.0069	U		0.0017	J		<0.0051	U					0.01	J		<0.0069	U	
		VMP-19-5-102513	10/25/2013	<0.023	U		0.014	J		<0.007	U		0.00059	J		<0.0051	U					0.011	J		<0.007	U	
		VMP-19-5-020614	2/6/2014	<0.023	U		0.0049	J		<0.0068	U		<0.0057	U		<0.005	U	UJ				<0.014	U		<0.0068	U	
		VMP-19-5-042214	4/22/2014	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					<0.014	U	UJ	<0.007	U	
		VMP-19-5-073114	7/31/2014	<0.027	U		<0.019	U		<0.0081	U		<0.0067	U		<0.0059	U					0.003	J		<0.0081	U	
		VMP-19-5-110314	11/3/2014	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0033	J		<0.006	U	
		VMP-19-5-020415	2/4/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					<0.013	U		0.0012	J	
		VMP-19-5-050115	5/1/2015	0.00086	J		0.005	J		<0.006	U		<0.005	J	U	<0.0044	U					0.0045	J		<0.006	U	
		VMP-19-5-072815	7/28/2015	<0.024	U		0.062			<0.0074	U		<0.0061	U		<0.0054	U					0.0081	J		<0.0074	U	
		VMP-19-5-102615	10/26/2015	<0.023	U		0.0036	J		<0.0068	U		0.0017	J		<0.005	U					0.016		J	<0.0068	U	
		VMP-19-5-020216	2/2/2016	<0.023	U		0.0085	J		<0.0068	U		<0.0056	U		<0.005	U					0.047			<0.0068	U	
		VMP-19-5-050616	5/6/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.0038	J		<0.0068	U	
		VMP-19-5-072816	7/28/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					<0.014	U		<0.0072	U	
		VMP-19-5-102516	10/26/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		0.0016	J	J	0.026			0.00083	J	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	<0.02	U					0.0032	J		<0.005	U		<0.0044	U					<0.012	U		0.0024	J	
		VMP-20-5-041511	4/15/2011	<0.22	U		22			<0.065	U		<0.054	U		<0.048	U					<0.13	UJ	UJ	<0.065	U	
		VMP-20-5-072511	7/25/2011	<0.023	U	UJ	<0.017	U		0.026			0.11			<0.0051	U					0.032			<0.0069	U	
		VMP-20-5-110111	11/1/2011	<0.013	U		0.0064	J		<0.004	J	U	0.019			<0.0029	U					0.0083			<0.004	J	U
		VMP-20-5-012312	1/23/2012	<0.063	U		1.7			0.0021	J		0.022			<0.014	U					0.016	J		<0.019	U	
		VMP-20-5-041012	4/10/2012	<0.014	U		0.0054	J		0.014			0.076			<0.0032	U					0.18			<0.0043	U	
		VMP-20-5-071112	7/11/2012	<0.019	J	U	0.0013	J		<0.0057	U		<0.0048	U		<0.0042	U					0.0061	J		<0.0057	U	
		VMP-20-5-073112	7/31/2012	0.0029	J		<0.012	U		0.026			0.091			<0.0035	U					0.87			0.0004	J	
		VMP-20-5-100412	10/4/2012	<0.024	U		0.0032	J		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-20-5-020713	2/7/2013	<0.02	U		0.53			0.0021	J		<0.005	U		<0.0044	U		0.031			0.0057	J		0.006		
		VMP-20-5-041913	4/19/2013	<0.02	U		0.076			<0.0062	J	U	<0.0051	U		<0.0045	U					0.0081	J		<0.0062	J	U
		VMP-20-5-072313	7/23/2013	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0035	J		<0.0069	J	U
		VMP-20-5-110113	11/1/2013	<0.022	U		0.001	J		<0.0067	U		<0.0056	U		<0.0049	U					0.0027	J		<0.0067	U	
		VMP-20-5-021014	2/10/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U	UJ				<0.013	U		<0.0064	U	
		VMP-20-5-042114	4/21/2014	<0.022	U		0.021			<0.0066	U		<0.0055	U		<0.0048	U					0.01	J		0.001	J	
		VMP-20-5-072514	7/25/2014	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-20-5-102714	10/27/2014	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0052	U					<0.014	U		<0.0072	U	
		VMP-20-5-012715	1/27/2015	<0.021	U		<0.015	U		0.0014	J		<0.0052	U		<0.0045	U					0.0046	J		0.0046	J	
		VMP-20-5-042715	4/27/2015	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.0045	U					0.014			<0.0062	J	U
		VMP-20-5-072015	7/20/2015	0.00086	J		0.0037	J		0.0026	J		<0.0058	J	U	<0.0051	U					0.0039	J		0.0074		
		VMP-20-5-102015	10/20/2015	<0.02	U		0.0046	J		<0.0059	U		<0.0049	U		<0.0043	U					0.0041	J		<0.0059	U	
		VMP-20-5-021616	2/16/2016	<0.027	U		<0.019	U		<0.008	U		0.0011	J		<0.0059	U					0.035			<0.008	U	
		VMP-20-5-042516	4/25/2016	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					0.02			<0.0069	U	
		VMP-20-5-072216	7/22/2016	<0.021	U		0.0076	J		<0.0063	U		<0.0052	U		<0.018	U					0.026			<0.0063	U	
		VMP-20-5-102616	10/26/2016	<0.02	U		0.0091	J		<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.0084	J		<0.006	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	10 ft	VMP-20-10-031411	3/14/2011	<0.02	U					0.0025	J		<0.005	U		<0.0044	U					<0.012	U		0.0023	J	
		VMP-20-10-041511	4/15/2011	<0.2	U		1.6			<0.059	U		<0.05	U		<0.044	U					<0.12	UJ	UJ	0.023	J	
		VMP-20-10-072511	7/25/2011	<0.021	U	UJ	<0.015	U		0.025			0.12			<0.0046	U					0.026			<0.0063	U	
		VMP-20-10-110111	11/1/2011	<0.014	U		<0.01	U		<0.0042	J	U	0.012			<0.0031	U					0.0066	J		<0.0042	U	
		VMP-20-10-012312	1/23/2012	<0.015	U		0.0066	J		0.0019	J		0.015			<0.0032	U					0.0092			<0.0044	J	U
		VMP-20-10-041012	4/10/2012	<0.014	U		0.0056	J		0.022			0.12			<0.0031	U					0.19			<0.0042	U	
		VMP-20-10-071112	7/11/2012	<0.016	J	U	0.0048	J		<0.0048	U		<0.004	U		<0.0035	U					0.01			<0.0048	J	U
		VMP-20-10-100412	10/4/2012	<0.022	U		0.0042	J		<0.0066	U		0.0011	J		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-20-10-012213	1/22/2013	<0.02	U		0.002	J		<0.0061	U		<0.005	U		<0.0044	U		<0.013	U		0.008	J		<0.0061	U	
		VMP-20-10-041913	4/19/2013	<0.021	U		0.0049	J		<0.0063	U		<0.0052	U		<0.0046	U					0.011	J		<0.0063	U	
		VMP-20-10-072313	7/23/2013	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	J	U
		VMP-20-10-110113	11/1/2013	<0.022	U		0.0017	J		<0.0065	U		<0.0054	U		<0.0047	U					0.0016	J		<0.0065	U	
		VMP-20-10-110113-Dup	11/1/2013	<0.02	U		0.002	J		<0.0061	U		0.00032	J		<0.0044	U					0.0033	J		<0.0061	U	
		VMP-20-10-021014	2/10/2014	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U	UJ				<0.012	U		<0.006	U	
		VMP-20-10-042114	4/21/2014	<0.019	U		0.02			<0.0058	U		<0.0048	U		<0.0042	U					0.048			<0.0058	U	
		VMP-20-10-072514	7/25/2014	<0.021	U		0.013	J		<0.0064	U		<0.0054	U		<0.0047	U					0.0036	J		<0.0064	U	
		VMP-20-10-102714	10/27/2014	<0.028	U		<0.02	U		<0.0084	U		<0.007	U		<0.0062	U					<0.017	U		<0.0084	U	
		VMP-20-10-012715	1/27/2015	<0.021	U		<0.015	U		<0.0062	U		0.0011	J		<0.0046	U					0.019			<0.0062	U	
		VMP-20-10-012715-DUP	1/27/2015	<0.022	U		<0.016	U		<0.0065	U		0.0014	J		<0.0048	U					0.028			<0.0065	U	
		VMP-20-10-042715	4/27/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0016	J		<0.006	U	
		VMP-20-10-072015	7/20/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	J	U	<0.0048	U					<0.013	J	U	<0.0065	U	
		VMP-20-10-102015	10/20/2015	0.001	J		0.002	J		<0.0055	U		0.0014	J		<0.004	U					0.0024	J		<0.0055	U	
		VMP-20-10-102015-DUP	10/20/2015	<0.023	U		<0.016	U		<0.0068	U		0.0013	J		<0.005	U					0.0034	J		<0.0068	U	
		VMP-20-10-021616	2/16/2016	<0.02	U		0.013	J		<0.006	U		0.0007	J		<0.0044	U					0.084			0.002	J	
		VMP-20-10-042516	4/25/2016	<0.024	U		0.03			0.0022	J		<0.0059	U		<0.0052	U					0.014	J		0.0024	J	
		VMP-20-10-072216	7/22/2016	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.02	U					0.024			<0.0069	U	
		VMP-20-10-102616	10/26/2016	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.013			<0.006	U	
	25 ft	VMP-20-25-031411	3/14/2011	<0.02	U					<0.0059	U		<0.0049	U		<0.0043	U					<0.012	U		<0.0059	U	
		VMP-20-25-041511	4/15/2011	<0.23	U		1			<0.068	U		<0.056	U		<0.05	U					<0.14	UJ	UJ	<0.068	U	
		VMP-20-25-072611	7/26/2011	<1.5	U	UJ	0.38	J		<0.45	U		<0.38	U		<0.33	U					<0.9	U		<0.45	U	
		VMP-20-25-110511	11/5/2011	0.00072	J		<0.0099	U		0.0027	J		0.016			<0.003	U					0.0075	J		0.00026	J	
		VMP-20-25-012312	1/23/2012	<0.015	U		<0.011	U		0.0021	J		0.017			<0.0034	U					0.011			<0.0046	J	U
		VMP-20-25-041012	4/10/2012	<0.014	U		0.0039	J		0.027			0.12			<0.0032	U					0.15			<0.0043	U	
		VMP-20-25-041012-Dup	4/10/2012	0.0022	J		0.0073	J		0.028			0.12			<0.0032	U					0.16			0.00046	J	
		VMP-20-25-071112	7/11/2012	<0.016	U		0.0055	J		<0.0049	U		<0.0041	U		<0.0036	U					0.084			<0.0049	J	U
		VMP-20-25-100412	10/4/2012	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					<0.014	U		<0.0073	U	
		VMP-20-25-012213	1/22/2013	<0.02	U		0.0021	J		<0.0061	U		<0.005	U		<0.0044	U		<0.013	U		0.0095	J		<0.0061	U	
		VMP-20-25-041913	4/19/2013	<0.022	U		0.017			<0.0066	U		<0.0055	U		<0.0048	U					0.0064	J		<0.0066	J	U
		VMP-20-25-072313	7/23/2013	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U					<0.015	U		<0.0074	J	U
		VMP-20-25-110113	11/1/2013	<0.019	U		0.0012	J		<0.0058	U		0.00028	J		<0.0042	U					0.04			<0.0058	U	
		VMP-20-25-021014	2/10/2014	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U	UJ				0.0032	J		<0.0061	U	
		VMP-20-25-042114	4/21/2014	<0.02	U		0.0027	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0058	J		<0.0061	U	
		VMP-20-25-072514	7/25/2014	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.0023	J		<0.0068	U	
		VMP-20-25-102714	10/27/2014	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					<0.012	U		<0.0061	U	
		VMP-20-25-012715	1/27/2015	<0.021	U		<0.015	U		0.00092	J		0.0012	J		<0.0047	U					0.0041	J		0.002	J	
		VMP-20-25-042715	4/27/2015	<0.021	U		0.015			<0.0063	U		<0.0053	U		<0.0046	U					0.017			<0.0063	U	
		VMP-20-25-072015	7/20/2015	<0.022	U		0.03			<0.0066	U		<0.0055	J	U	<0.0048	U					<0.013	J	U	<0.0066	U	
		VMP-20-25-102015	10/20/2015	0.0013	J		0.0082	J		0.0015	J		0.00095	J		<0.0042	U					0.0036	J		0.0025	J	
		VMP-20-25-020216	2/2/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					0.0036	J		<0.0072	U	
		VMP-20-25-042516	4/25/2016	<0.023	U		0.0072	J		<0.0068	U		<0.0057	U		<0.005	U					0.021			0.0016	J	
		VMP-20-25-072216	7/22/2016	<0.024	U		0.0076	J		<0.0073	U		<0.0061	U		<0.021	U					0.011	J		<0.0073	U	
		VMP-20-25-102616	10/26/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		0.012			<0.0062	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600									0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	39.5 ft	VMP-20-39.5-042114	4/21/2014	<1.8	U		<1.3	U		<0.54	U		<0.45	U		<0.39	U					<1.1	U		<0.54	U	
		VMP-20-39.5-042715	4/27/2015	<0.02	U	UJ	0.0092	J		<0.0061	U		0.0015	J	J	<0.0044	U					0.0036	J	J	<0.0061	U	
		VMP-20-39.5-042715-DUP	4/27/2015	<0.024	U	UJ	0.011	J		<0.007	U		<0.0059	J	UJ	<0.0052	U					0.0039	J	J	<0.007	U	
		VMP-20-39.5-072015	7/20/2015	<0.022	U		0.0022	J		<0.0065	U		<0.0054	J	U	<0.0048	U					<0.013	J	U	<0.0065	U	
		VMP-20-39.5-072015-DUP	7/20/2015	<0.022	U		0.0064	J		<0.0066	U		<0.0055	J	U	<0.0048	U					<0.013	J	U	<0.0066	U	
		VMP-20-39.5-100412	10/4/2012	<5.9	U		1.7	J		<1.8	U		<1.5	U		<1.3	U					1.4	J		<1.8	U	
		VMP-20-39.5-012313	1/23/2013	<3.4	U		7.1			<1	U		<0.84	U		<0.74	U		<4.3	U		0.18	J		<1	U	
		VMP-20-39.5-041913	4/19/2013	<2.7	U		7.9			<0.81	U		<0.67	U		<0.59	U					0.13	J		<0.81	U	
		VMP-20-39.5-072313	7/23/2013	<5.1	U		<3.7	U		<1.5	U		0.93	J		<1.1	U					1.2	J		0.21	J	
		VMP-20-39.5-110113	11/1/2013	<0.44	U		0.074	J		<0.13	U		<0.11	U		<0.098	U					<0.27	U		<0.13	U	
		VMP-20-39.5-021014	2/10/2014	<0.38	U		0.074	J		<0.12	U		<0.096	U		<0.085	U					<0.23	U		<0.12	U	
		VMP-20-39.5-021014-Dup	2/10/2014	<0.36	U		0.044	J		<0.11	U		<0.09	U		<0.08	U					<0.22	U		<0.11	U	
		VMP-20-39.5-072514	7/25/2014	<3.6	U		<2.6	U		<1.1	U		<0.9	U		<0.79	U					<2.2	U		<1.1	U	
		VMP-20-39.5-072514-Dup	7/25/2014	<2.8	U		<2	U		<0.85	U		<0.71	U		<0.62	U					<1.7	U		<0.85	U	
		VMP-20-39.5-102714	10/27/2014	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-20-39.5-012715	1/27/2015	<0.024	U		<0.017	U		0.0022	J		0.0013	J		<0.0053	U					0.018			0.0041	J	
		VMP-20-39.5-102015	10/20/2015	<0.02	U		0.002	J		<0.0061	U		0.003	J		<0.0045	U					0.0069	J		<0.0061	U	
		VMP-20-39.5-020216	2/2/2016	<0.021	U		0.013	J		0.00089	J		<0.0052	U		<0.0045	U					0.0088	J		<0.0062	J	U
		VMP-20-39.5-020216-DUP	2/2/2016	<0.02	U		0.013	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0065	J		<0.0061	J	U
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<7.6	U					<2.3	U		<1.9	U		<1.7	U					<4.6	U		<2.3	U	
		VMP-21-5-020911-DUP	2/9/2011	<13	U					<3.9	U		<3.2	U		<2.9	U					<7.8	U		<3.9	U	
		VMP-21-5-041311	4/13/2011	<0.022	U		0.74			0.0014	J		<0.0054	U		<0.0048	U					<0.013	U		0.0016	J	
		VMP-21-5-072511	7/25/2011	0.0034	J	J	<0.016	U		0.04			0.17			<0.005	U					0.026			<0.0068	J	U
		VMP-21-5-110111	11/1/2011	<0.019	U		0.0039	J		0.0064			0.024			<0.0041	U					0.012			0.016		
		VMP-21-5-012312	1/23/2012	<0.016	U		<0.011	U		0.0026	J		0.013			<0.0035	U					0.0048	J		<0.0048	J	U
		VMP-21-5-012312-DUP	1/23/2012	<0.015	U		<0.01	U		0.0024	J		0.013			<0.0032	U					0.0056	J		<0.0044	J	U
		VMP-21-5-042412	4/24/2012	<0.03	U		0.35			0.013			0.042			<0.0066	U					0.025			<0.009	U	
		VMP-21-5-071012	7/10/2012	<0.017	J	U	0.0065	J		0.0027	J		<0.0043	J	U	<0.0038	U					0.21			0.0084		
		VMP-21-5-100412	10/4/2012	<0.025	U		<0.018	U		0.021			0.11			<0.0056	U					0.014	J		<0.0076	U	
		VMP-21-5-020613	2/6/2013	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U		<0.015	U		0.0033	J		<0.0069	U	
		VMP-21-5-051013	5/10/2013	<0.023	U		0.53			0.0016	J		<0.0058	U		<0.0052	U					0.013	J		0.0019	J	
		VMP-21-5-072313	7/23/2013	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U					0.0071	J		<0.0074	J	U
		VMP-21-5-102113	10/21/2013	<0.022	U		0.0056	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0089	J		<0.0065	U	
		VMP-21-5-022414	2/24/2014	<0.018	U		<0.013	U		<0.0056	U		0.0023	J		<0.0041	U					0.0053	J		<0.0056	U	
		VMP-21-5-042114	4/21/2014	<0.021	U		0.003	J		<0.0064	U		<0.0053	U		<0.0047	U					0.0065	J		<0.0064	U	
		VMP-21-5-072814	7/28/2014	<0.022	U		0.029			<0.0065	U		<0.0054	U		<0.0048	U					0.0068	J		<0.0065	U	
		VMP-21-5-102714	10/27/2014	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					<0.012	U		<0.0059	U	
		VMP-21-5-012715	1/27/2015	<0.021	U		<0.015	U		0.00086	J		0.0011	J		<0.0046	U					<0.012	U		0.003	J	
		VMP-21-5-042715	4/27/2015	<0.023	U	UJ	0.0042	J		<0.007	U		<0.0058	J	UJ	<0.0052	U					0.0012	J	J	<0.007	U	
		VMP-21-5-072015	7/20/2015	<0.023	U		0.003	J		<0.0068	U		<0.0056	J	U	<0.005	U					0.0047	J		<0.0068	U	
		VMP-21-5-102315	10/23/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.0028	J		<0.0062	U	
		VMP-21-5-012616	1/26/2016	<0.023	U		0.004	J		<0.0068	U		<0.0057	U		<0.005	U					0.0038	J		<0.0068	U	
		VMP-21-5-042716	4/27/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	J	U	<0.0067	U	
		VMP-21-5-072616	7/26/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U					0.0021	J		<0.0065	U	
		VMP-21-5-102416	10/24/2016	0.0015	J		<0.016	U		<0.0065	U		<0.0054	J	U	<0.019	U		<0.014	U		0.0045	J		<0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011	<6.9	U					<2.1	U		<1.7	U		<1.5	U					<4.1	U		<2.1	U	
		VMP-21-10-041311	4/13/2011	<0.87	U		50			<0.26	U		<0.22	U		<0.19	U					0.16	J		<0.26	U	
		VMP-21-10-072511	7/25/2011	<0.048	U	UJ	0.087			0.027			0.045			<0.01	U					0.013	J		<0.014	U	
		VMP-21-10-110111	11/1/2011	<0.014	U		0.0055	J		<0.0042	J	U	0.021			<0.0031	U					0.014			<0.0042	U	
		VMP-21-10-012312	1/23/2012	<0.016	U		<0.011	U		0.0021	J		0.016			<0.0035	U					0.009	J		<0.0048	J	U
		VMP-21-10-040912	4/9/2012	<0.014	U		1.2			0.0093			0.024			<0.0032	U					0.037			0.0006	J	
		VMP-21-10-071012	7/10/2012	<0.016	U		0.0043	J		<0.0049	U		<0.0041	U		<0.0036	U					0.0022	J		<0.0049	U	
		VMP-21-10-100412	10/4/2012	<0.023	U		0.0075	J		0.025			0.15			<0.0051	U					0.024			<0.0069	J	U
		VMP-21-10-020513	2/5/2013	<0.022	U		0.0066	J		<0.0066	U		<0.0055	U		<0.0048	U		<0.014	U	UJ	0.0061	J		<0.0066	U	
		VMP-21-10-020513-DUP	2/5/2013	<0.021	U		0.0027	J		<0.0062	U		<0.0052	U		<0.0045	U		<0.013	U	UJ	0.006	J		<0.0062	U	
		VMP-21-10-051013	5/10/2013	<0.024	U		0.02			<0.0072	U		<0.006	U		<0.0052	U					0.0067	J		<0.0072	U	
		VMP-21-10-072313	7/23/2013	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.0044	J		<0.0071	U	
		VMP-21-10-102113	10/21/2013	<0.022	U		0.0009	J		<0.0065	U		<0.0054	U		<0.0048	U					0.00094	J		<0.0065	U	
		VMP-21-10-022414	2/24/2014	<0.019	U		<0.014	U		<0.0057	U		<0.0047	U		<0.0042	U					<0.011	U		<0.0057	U	
		VMP-21-10-042114	4/21/2014	0.0025	J		0.0024	J		<0.0059	U		0.001	J		<0.0043	U					0.0064	J		<0.0059	U	
		VMP-21-10-072814	7/28/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0055	J		<0.0062	U	
		VMP-21-10-102714	10/27/2014	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-21-10-012715	1/27/2015	<0.022	U		<0.016	U		0.0015	J		<0.0054	U		<0.0048	U					<0.013	U		0.0025	J	
		VMP-21-10-042715	4/27/2015	<0.024	U	UJ	<0.017	U		<0.0071	U		<0.0059	J	UJ	<0.0052	U					0.0016	J	J	<0.0071	U	
		VMP-21-10-072015	7/20/2015	0.00092	J		0.0031	J		<0.0066	U		<0.0055	J	U	<0.0048	U					0.0052	J		<0.0066	U	
		VMP-21-10-102315	10/23/2015	<0.023	U		0.052			<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-21-10-012616	1/26/2016	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.0045	U					0.0026	J		<0.0062	U	
		VMP-21-10-042716	4/27/2016	<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.0052	U					<0.014	J	U	<0.007	U	
		VMP-21-10-072616	7/26/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U					0.011	J		<0.0068	U	
		VMP-21-10-102416	10/24/2016	<0.04	U		<0.029	U		<0.012	U		<0.01	U		<0.036	U		<0.026	U		0.018	J		<0.012	U	
	25 ft	VMP-21-25-021011	2/10/2011	<19	U					<5.7	U		<4.8	U		<4.2	U					<11	U		<5.7	U	
		VMP-21-25-041411	4/14/2011	<67	U		9200			<20	U		<17	U		<15	U					<40	UJ	UJ	<20	U	
		VMP-21-25-041411-DUP	4/14/2011	<67	U		9200			<20	U		<17	U		<15	U					<40	UJ	UJ	<20	U	
		VMP-21-25-072611	7/26/2011	<22	U	UJ				<6.5	U		<5.4	U		<4.8	U					<13	U		<6.5	U	
		VMP-21-25-110511	11/5/2011	<14	U		770			<4.1	U		<3.4	U		<3	U					2.2	J		<4.1	U	
		VMP-21-25-012412	1/24/2012	<0.19	U		0.35			<0.057	U		<0.048	U		<0.042	U					<0.11	U		<0.057	U	
		VMP-21-25-040912	4/9/2012	<0.015	U		0.12			0.01			0.024			<0.0033	U					0.012			<0.0045	U	
		VMP-21-25-071112	7/11/2012	<0.015	U		0.012			<0.0045	J	U	0.0035	J		<0.0033	U					0.015			<0.0045	J	U
		VMP-21-25-100412	10/4/2012	<0.024	U		0.013	J		0.02			0.095			<0.0052	U					0.014	J		<0.0071	U	
		VMP-21-25-020513	2/5/2013	<0.021	U		0.0083	J		<0.0063	U		<0.0053	U		<0.0046	U		<0.014	U	UJ	0.0083	J		<0.0063	U	
		VMP-21-25-020513-DUP	2/5/2013	<0.022	U		0.011	J		<0.0066	U		0.0016	J		<0.0048	U		<0.014	U	UJ	0.0084	J		<0.0066	U	
		VMP-21-25-051013	5/10/2013	<0.024	U		0.03			<0.0072	U		<0.006	U		<0.0053	U					0.0043	J		<0.0072	U	
		VMP-21-25-072313	7/23/2013	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					0.0029	J		<0.0073	U	
		VMP-21-25-102113	10/21/2013	<0.022	U		0.034			<0.0067	U		<0.0056	U		<0.0049	U					0.029			<0.0067	U	
		VMP-21-25-042114	4/21/2014	<0.02	U		0.0015	J		<0.006	U		<0.005	U		<0.0044	U					0.0057	J		<0.006	U	
		VMP-21-25-072814	7/28/2014	<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.0052	U					0.0034	J		<0.007	U	
		VMP-21-25-102714	10/27/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0043	J		<0.0062	U	
		VMP-21-25-012715	1/27/2015	<0.022	U		<0.016	U		<0.0066	U		0.0012	J		<0.0048	U					<0.013	U		0.0012	J	
		VMP-21-25-042715	4/27/2015	<0.022	U	UJ	0.0013	J		<0.0065	U		<0.0054	J	UJ	<0.0048	U					0.0012	J	J	<0.0065	U	
		VMP-21-25-072015	7/20/2015	0.00089	J		0.32			<0.0066	U		<0.0055	J	U	<0.0049	U					<0.013	J	U	<0.0066	U	
		VMP-21-25-102315	10/23/2015	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					<0.012	U		<0.0059	U	
		VMP-21-25-012616	1/26/2016	<0.022	U		0.0024	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0076	J		<0.0066	U	
		VMP-21-25-042716	4/27/2016	<0.022	U		0.014	J		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	J	U	0.00093	J	
		VMP-21-25-072616	7/26/2016	<0.022	U		0.0023	J		<0.0065	U		<0.0054	U		<0.019	U					0.0043	J		<0.0065	U	
		VMP-21-25-102416	10/24/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		0.0026	J		<0.0062	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-021011	2/10/2011	<19	U					<5.7	U		<4.8	U		<4.2	U					<11	U		<5.7	U	
		VMP-21-33-041411	4/14/2011	<64	U		9500			<19	U		<16	U		<14	U					<39	UJ	UJ	<19	U	
		VMP-21-33-110511	11/5/2011	<3.1	U		93			<0.94	U		<0.78	U		<0.69	U					0.4	J		<0.94	U	
		VMP-21-33-012412	1/24/2012	<0.45	U		3.9		J	<0.13	U		<0.11	U		<0.099	U					<0.27	U		<0.13	U	
		VMP-21-33-042412	4/24/2012	<0.015	U		0.29			0.0091			0.033			<0.0034	U					0.015			<0.0046	U	
		VMP-21-33-071112	7/11/2012	<0.016	J	U	0.0091	J		<0.0048	U		<0.004	U		<0.0035	U					0.0034	J		<0.0048	U	
		VMP-21-33-100412	10/4/2012	<0.023	U		0.012	J		0.02			0.093			<0.0051	U					0.027			<0.0069	U	
		VMP-21-33-020513	2/5/2013	<0.022	U		0.0042	J		<0.0065	U		<0.0054	U		<0.0048	U		<0.014	U	UJ	0.029			<0.0065	U	
		VMP-21-33-051013	5/10/2013	<0.023	U		0.18			<0.007	U		<0.0058	U		<0.0051	U					0.0052	J		0.0013	J	
		VMP-21-33-102113	10/21/2013	<0.021	U		0.017			<0.0062	U		<0.0052	U		<0.0046	U					0.002	J		0.00029	J	
		VMP-21-33-102113-DUP	10/21/2013	<0.024	U		0.012	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0011	J		<0.0071	U	
		VMP-21-33-022414	2/24/2014	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0043	U					0.0056	J		<0.0058	U	
		VMP-21-33-022414-Dup	2/24/2014	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0043	U					<0.012	U		<0.0058	U	
		VMP-21-33-042114	4/21/2014	<0.021	U		0.0042	J		<0.0063	U		<0.0053	U		<0.0046	U					0.0065	J		<0.0063	U	
		VMP-21-33-072814	7/28/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0071	J		<0.0065	U	
		VMP-21-33-102714	10/27/2014	<0.022	U		0.031			<0.0066	U		<0.0055	U		<0.0048	U					0.0031	J		<0.0066	J	U
		VMP-21-33-102714-DUP	10/27/2014	<0.023	U		0.038			<0.0069	U		<0.0058	U		<0.0051	U					0.0041	J		<0.0069	U	
		VMP-21-33-012715	1/27/2015	<0.021	U		<0.015	U		0.003	J		<0.0052	U		<0.0045	U					0.0071	J		0.0052	J	
		VMP-21-33-072015	7/20/2015	<0.023	U		0.0016	J		<0.0069	U		<0.0058	J	U	<0.0051	U					<0.014	J	U	<0.0069	U	
		VMP-21-33-102315	10/23/2015	0.0015	J		<0.013	U		<0.0056	U		<0.0046	U		<0.0041	U					0.0022	J		<0.0056	U	
		VMP-21-33-102315-DUP	10/23/2015	0.002	J		0.0086	J		<0.014	U		<0.012	J	U	<0.01	U					<0.028	U		<0.014	U	
		VMP-21-33-042716	4/27/2016	<0.023	U		0.0046	J		<0.0069	U		<0.0058	U		<0.0051	U					<0.014	J	U	<0.0069	U	
		VMP-21-33-072616	7/26/2016	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.02	U					0.015			<0.0069	U	
		VMP-21-33-102416	10/24/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.0056	J		<0.0065	U	
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.42	U					<0.13	U		<0.1	U		<0.093	U					<0.25	U		<0.13	U	
		VMP-22-5-041811	4/18/2011	<0.21	U		0.13	J		<0.062	U		<0.052	U		<0.045	U					<0.12	UJ	UJ	<0.062	U	
		VMP-22-5-072611	7/26/2011	<0.024	U	UJ	0.67			0.023			0.12			<0.0053	U					0.04			0.0016	J	
		VMP-22-5-110111	11/1/2011	<0.014	U		<0.0099	U		<0.0041	J	U	0.032			<0.003	U					0.012			<0.0041	U	
		VMP-22-5-012412	1/24/2012	<0.014	U		0.38		J	0.0018	J	J	0.014		J	<0.0032	U					0.0081	J	J	<0.0044	J	U
		VMP-22-5-040912	4/9/2012	<0.016	U		0.038			<0.0048	U		0.0025	J		<0.0035	U					0.012			<0.0048	U	
		VMP-22-5-070912	7/9/2012	<0.018	U		0.0017	J		<0.0053	U		<0.0044	U		<0.0039	U					0.0083	J		<0.0053	J	U
		VMP-22-5-100312	10/3/2012	<0.021	U		0.0047	J		<0.0062	U		<0.0052	U		<0.0045	U					0.0082	J		<0.0062	U	
		VMP-22-5-100312-Dup	10/3/2012	0.0018	J		0.01	J		<0.0056	U		<0.0047	U		<0.0041	U					0.029			<0.0056	U	
		VMP-22-5-012413	1/24/2013	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U		<0.014	U		0.0011	J		<0.0063	U	
		VMP-22-5-041913	4/19/2013	<0.021	U		0.0096	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0094	J		<0.0062	U	
		VMP-22-5-072313	7/23/2013	<0.026	U		0.022			<0.0078	U		<0.0065	U		<0.0058	U					<0.016	U		<0.0078	U	
		VMP-22-5-072313-Dup	7/23/2013	<0.026	U		0.012	J		<0.0078	U		<0.0065	U		<0.0058	U					0.0053	J		<0.0078	U	
		VMP-22-5-101813	10/18/2013	<0.022	U		0.013	J		<0.0067	U		<0.0056	U		<0.0049	U					0.01	J		<0.0067	U	
		VMP-22-5-021314	2/13/2014	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.004	U					<0.011	U	UJ	<0.0054	U	
		VMP-22-5-042214	4/22/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					<0.012	U	UJ	<0.0063	U	
		VMP-22-5-072814	7/28/2014	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.0016	J		<0.0066	U	
		VMP-22-5-102414	10/24/2014	0.0034	J		0.0054	J		0.0019	J		0.0066			<0.0047	U					0.0079	J		<0.0064	U	
		VMP-22-5-012715	1/27/2015	<0.018	U		0.0061	J		<0.0056	U		<0.0046	U		<0.0041	U					0.034			0.0016	J	
		VMP-22-5-042715	4/27/2015	<0.041	U	UJ	0.0058	J		<0.012	U		0.0015	J	J	<0.0091	U					0.012	J	J	<0.012	U	
		VMP-22-5-072015	7/20/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	J	U	<0.0048	U					<0.013	J	U	<0.0065	U	
		VMP-22-5-012616	1/26/2016	<0.023	U		0.0028	J		0.0054	J		<0.0057	U		<0.005	U					0.0061	J		0.014		
		VMP-22-5-042616	4/26/2016	<0.028	U		0.0046	J		<0.0085	U		<0.0071	U		<0.0062	U					0.053			<0.0085	U	
		VMP-22-5-072216	7/22/2016	<0.025	U		0.032			<0.0075	U		<0.0063	U		<0.022	U					0.062			<0.0075	U	
		VMP-22-5-102716	10/27/2016	0.0031	J		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.0083	J		<0.006	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011	<0.2	U					<0.06	U		<0.05	U		<0.044	U					<0.12	U		<0.06	U	
		VMP-22-10-041811	4/18/2011	<0.21	U		0.12	J		<0.064	U		<0.053	U		<0.047	U					<0.13	UJ	UJ	<0.064	U	
		VMP-22-10-072611	7/26/2011	<0.025	U	UJ	0.053			0.027			0.079			<0.0055	U					0.016			0.001	J	
		VMP-22-10-072611-DUP	7/26/2011	0.0057	J	J	0.17			0.025			0.084			<0.0064	U					0.018			0.0012	J	
		VMP-22-10-110211	11/2/2011	<0.014	U		<0.01	U		<0.0042	J	U	0.022			<0.0031	U					0.009			<0.0042	U	
		VMP-22-10-012412	1/24/2012	<0.016	U		<0.011	U		0.0038	J		0.081			<0.0035	U					0.011			<0.0048	J	U
		VMP-22-10-040912	4/9/2012	<0.016	U		0.025			<0.0047	U		<0.004	U		<0.0035	U					0.012			0.0028	J	
		VMP-22-10-070912	7/9/2012	<0.018	U		<0.013	U		<0.0053	U		<0.0044	U		<0.0039	U					0.0054	J		<0.0053	U	
		VMP-22-10-070912-Dup	7/9/2012	<0.017	U		0.00098	J		<0.0052	U		<0.0043	U		<0.0038	U					0.0066	J		<0.0052	U	
		VMP-22-10-100312	10/3/2012	<0.02	U		0.014	J		<0.0059	U		<0.005	U		<0.0044	U					0.021			<0.0059	U	
		VMP-22-10-012413	1/24/2013	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U		<0.014	U		0.0052	J		<0.0068	U	
		VMP-22-10-041913	4/19/2013	<0.022	U		0.012	J		<0.0066	J	U	<0.0055	U		<0.0048	U					0.003	J		0.0046	J	
		VMP-22-10-072313	7/23/2013	<0.024	U		0.035			<0.0073	U		0.0022	J		<0.0053	U					0.0031	J		<0.0073	J	U
		VMP-22-10-101813	10/18/2013	<0.023	U		0.16			0.0002	J		<0.0057	U		<0.005	U					0.013	J		0.00028	J	
		VMP-22-10-021314	2/13/2014	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.0042	U					0.005	J	J	0.00085	J	
		VMP-22-10-042214	4/22/2014	0.0038	J		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					<0.013	U	UJ	<0.0064	U	
		VMP-22-10-072814	7/28/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					<0.012	U		<0.0063	U	
		VMP-22-10-102414	10/24/2014	<0.021	U		0.0044	J		<0.0064	U		<0.0053	U		<0.0047	U					0.004	J		<0.0064	U	
		VMP-22-10-012715	1/27/2015	<0.024	U		0.0036	J		<0.0072	U		<0.006	U		<0.0053	U					0.031			<0.0072	U	
		VMP-22-10-042715	4/27/2015	<0.02	U	UJ	0.026			<0.006	U		<0.005	J	UJ	<0.0044	U					0.0015	J	J	<0.006	U	
		VMP-22-10-072015	7/20/2015	<0.021	U		0.0038	J		<0.0063	U		<0.0053	J	U	<0.0046	U					0.0079	J		<0.0063	U	
		VMP-22-10-102315	10/23/2015	<0.023	U		<0.016	U		<0.0068	U		0.0034	J		<0.005	U					<0.014	U		<0.0068	U	
		VMP-22-10-012616	1/26/2016	<0.02	U		0.0012	J		<0.0059	U		<0.0049	U		<0.0043	U					0.0058	J		<0.0059	U	
		VMP-22-10-042616	4/26/2016	0.0018	J		0.0034	J		<0.0073	U		<0.0061	U		<0.0053	U					0.043			<0.0073	U	
		VMP-22-10-072216	7/22/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U					0.013	J		<0.0067	U	
		VMP-22-10-102716	10/27/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.0059	J		<0.0065	U	
	18 ft	VMP-22-18-021111	2/11/2011	<3.5	U					<1	U		<0.87	U		<0.77	U					<2.1	U		<1	U	
		VMP-22-18-041811	4/18/2011	<15	U		1900			<4.4	U		<3.7	U		<3.2	U					<8.8	UJ	UJ	<4.4	U	
		VMP-22-18-072611	7/26/2011	<7.5	U	UJ	1300			<2.3	U		<1.9	U		<1.6	U					<4.5	U		<2.3	U	
		VMP-22-18-110511	11/5/2011	0.00084	J		0.012			0.002	J		0.016			<0.0033	U					0.0073	J		0.00027	J	
		VMP-22-18-012412	1/24/2012	<0.14	U		0.34		J	<0.041	U		<0.034	U		<0.03	U					0.029	J	J	<0.041	U	
		VMP-22-18-040912	4/9/2012	<0.016	U		0.0082	J		<0.0049	U		0.002	J		<0.0036	U					<0.0099	U		0.0013	J	
		VMP-22-18-070912	7/9/2012	<0.017	U		0.002	J		<0.0052	U		<0.0043	U		<0.0038	U					0.0074	J		<0.0052	U	
		VMP-22-18-100412	10/4/2012	<0.024	U		0.0053	J		<0.0071	U		<0.0059	U		<0.0052	U					0.033			<0.0071	U	
		VMP-22-18-012413	1/24/2013	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U		<0.014	U		0.0073	J		<0.0068	U	
		VMP-22-18-042213	4/22/2013	<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.0052	U					0.003	J		<0.007	U	
		VMP-22-18-072913	7/29/2013	<0.024	U		0.081			<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-22-18-101813	10/18/2013	<0.022	U		0.091			<0.0067	U		<0.0056	U		<0.0049	U					0.0038	J		<0.0067	U	
		VMP-22-18-021314	2/13/2014	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					<0.012	U	UJ	<0.0059	U	
		VMP-22-18-042214	4/22/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U	UJ	<0.0065	U	
		VMP-22-18-072814	7/28/2014	<0.021	U		0.0068	J		<0.0063	U		<0.0053	U		<0.0046	U					0.0039	J		<0.0063	U	
		VMP-22-18-102414	10/24/2014	<0.02	U		0.0049	J		<0.006	U		<0.005	U		<0.0044	U					0.0052	J		<0.006	U	
		VMP-22-18-012715	1/27/2015	<0.02	U		0.0066	J		<0.006	U		<0.005	U		<0.0044	U					0.0061	J		0.0012	J	
		VMP-22-18-012715-DUP	1/27/2015	<0.02	U		0.0027	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0068	J		0.0012	J	
		VMP-22-18-042715	4/27/2015	<0.02	U	UJ	0.0011	J		<0.006	U		<0.005	U	UJ	<0.0044	U					<0.012	U	UJ	0.0012	J	
		VMP-22-18-072015	7/20/2015	<0.028	U		0.0065	J		<0.0083	U		<0.0069	J	U	<0.0061	U					0.006	J		<0.0083	U	
		VMP-22-18-102315	10/23/2015	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					0.0063	J		<0.0064	U	
		VMP-22-18-012616	1/26/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	J	U	<0.0048	U					0.0045	J		<0.0066	U	
		VMP-22-18-042616	4/26/2016	0.0016	J		0.0048	J		<0.0068	U		<0.0056	U		<0.005	U					0.024			<0.0068	U	
		VMP-22-18-072216	7/22/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U					0.033			<0.0066	U	
		VMP-22-18-102716	10/27/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		<0.015	U		0.0037	J		<0.0068	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	38 ft	VMP-22-38-041811	4/18/2011	<45	U		6100			<14	U		<11	U		<10	U					<27	UJ	UJ	<14	U	
		VMP-22-38-012512	1/25/2012	<0.14	U		0.73			0.0051	J		<0.034	U		<0.03	U					<0.082	U		<0.041	U	
		VMP-22-38-040912	4/9/2012	<0.016	U		0.17			<0.0048	U		<0.004	U		<0.0035	U					0.01			<0.0048	U	
		VMP-22-38-070912	7/9/2012	<0.017	U		0.007	J		<0.0051	U		<0.0042	U		<0.0037	U					0.011			<0.0051	U	
		VMP-22-38-100412	10/4/2012	<0.025	U		0.0083	J		<0.0074	U		<0.0062	U		<0.0055	U					<0.015	U		<0.0074	U	
		VMP-22-38-012413	1/24/2013	<0.022	U		0.0022	J		<0.0066	U		<0.0055	U		<0.0048	U		<0.014	U		0.0061	J		<0.0066	U	
		VMP-22-38-042213	4/22/2013	<0.024	U		0.0038	J		<0.0072	J	U	<0.006	U		<0.0053	U					<0.014	U		0.006	J	
		VMP-22-38-072913	7/29/2013	<0.023	U		0.15			<0.007	U		<0.0058	U		<0.0051	U					0.011	J		<0.007	U	
		VMP-22-38-101813	10/18/2013	<0.021	U		0.066			<0.0063	U		<0.0052	U		<0.0046	U					0.0034			<0.0063	U	
		VMP-22-38-021314	2/13/2014	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					<0.012	U	UJ	<0.006	U	
		VMP-22-38-021314-Dup	2/13/2014	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.0042	U					0.013		J	<0.0057	U	
		VMP-22-38-042214	4/22/2014	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U	UJ	<0.0066	U	
		VMP-22-38-072814	7/28/2014	<0.022	U		0.0024	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0028	J		<0.0066	U	
		VMP-22-38-072814-DUP	7/28/2014	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.0018	J		<0.0066	U	
		VMP-22-38-102414	10/24/2014	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					0.013			<0.0059	U	
		VMP-22-38-102414-DUP	10/24/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.015			<0.0062	U	
		VMP-22-38-012715	1/27/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0071	J		<0.0062	U	
		VMP-22-38-042715	4/27/2015	<0.019	U	UJ	<0.014	U		<0.0058	U		<0.0049	U	UJ	<0.0043	U					0.0056	J	J	<0.0058	U	
		VMP-22-38-042715-DUP	4/27/2015	<0.021	U	UJ	0.0011	J		0.0015	J		<0.0052	J	UJ	<0.0046	U					0.0041	J	J	0.002	J	
		VMP-22-38-072015	7/20/2015	<0.024	U		0.013	J		<0.0071	U		<0.0059	J	U	<0.0052	U					<0.014	J	U	<0.0071	U	
		VMP-22-38-072015-DUP	7/20/2015	<0.023	U		0.012	J		<0.0068	U		<0.0056	J	U	<0.005	U					<0.014	J	U	<0.0068	U	
		VMP-22-38-102315	10/23/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-22-38-012616-DUP	1/26/2016	<0.021	U		0.002	J		<0.0064	U		<0.0053	U		<0.0047	U					0.0085	J		<0.0064	U	
		VMP-22-38-042616	4/26/2016	<0.025	U		<0.018	U		<0.0076	U		<0.0064	U		<0.0056	U					0.0031	J		<0.0076	U	
		VMP-22-38-072216	7/22/2016	<0.023	U		0.0071	J		<0.0068	U		<0.0057	U		<0.02	U					0.014			<0.0068	U	
		VMP-22-38-072216-DUP	7/22/2016	<0.022	U		0.005	J		<0.0068	U		<0.0056	U		<0.02	U					0.01	J		<0.0068	U	
		VMP-22-38-102716	10/27/2016	<0.022	U		0.0041	J		<0.0066	U		<0.0055	U		<0.019	U		<0.014	U		0.0062	J		<0.0066	U	
		VMP-22-38-102716-Dup	10/27/2016	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U		0.00093	J	J	0.0043	J		<0.0062	U	
VMP-23	5 ft	VMP-23-5-021511	2/15/2011	<0.022	U					<0.0065	U		<0.0054	U		<0.0048	U					0.0033	J		<0.0065	U	
		VMP-23-5-042111	4/21/2011	<0.47	U		0.044	J		<0.056	U		<0.47	U		<0.041	U					0.015	J		<0.056	U	
		VMP-23-5-072711	7/27/2011	0.006	J		0.14			0.037			0.25			<0.0048	U					0.14			0.00076	J	
		VMP-23-5-110211	11/2/2011	0.001	J		<0.011	U		0.005			0.034			<0.0034	U					0.014			<0.0046	U	
		VMP-23-5-012512	1/25/2012	<0.013	U		0.0045	J		0.0033	J		0.017			<0.0028	U					0.0018	J		0.0008	J	
		VMP-23-5-040912	4/9/2012	<0.016	U		0.0021	J		0.012			0.041			<0.0034	U					0.023			<0.0047	U	
		VMP-23-5-070912	7/9/2012	<0.014	U		0.023			<0.0042	U		<0.0035	J	U	<0.0031	U					<0.0084	U		<0.0042	J	U
		VMP-23-5-100312	10/3/2012	<0.024	U		0.0037	J		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-23-5-012413	1/24/2013	<0.02	U		0.015			<0.0061	U		<0.005	U		<0.0044	U		<0.013	U		0.004	J		<0.0061	U	
		VMP-23-5-042213	4/22/2013	<0.022	U		0.01	J		<0.0067	J	U	<0.0056	U		<0.0049	U					0.006	J		<0.0067	J	U
		VMP-23-5-072313	7/23/2013	<0.024	U		0.018			<0.0073	U		<0.0061	U		<0.0053	U					0.0035	J		<0.0073	J	U
		VMP-23-5-101813	10/18/2013	<0.023	U		0.0027	J		0.00019	J		<0.0058	U		<0.0051	U					0.018			<0.007	U	
		VMP-23-5-021314	2/13/2014	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					<0.012	U	UJ	0.00076	J	
		VMP-23-5-042114	4/21/2014	<0.023	U		0.0032	J		<0.0068	U		<0.0056	U		<0.005	U					0.0087	J		<0.0068	U	
		VMP-23-5-080514	8/5/2014	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					0.0099	J		<0.0072	J	U
		VMP-23-5-102414	10/24/2014	<0.024	U		<0.018	U		<0.0074	U		<0.0061	U		<0.0054	U					0.016			<0.0074	U	
		VMP-23-5-012715	1/27/2015	<0.025	U		<0.018	U		<0.0076	U		<0.0063	U		<0.0056	U					0.0047	J		<0.0076	U	
		VMP-23-5-042715	4/27/2015	<0.022	U	UJ	0.03			<0.0065	U		<0.0054	J	UJ	<0.0048	U					0.011	J	J	<0.0065	U	
		VMP-23-5-072015	7/20/2015	<0.022	U		0.04			<0.0065	U		<0.0054	J	U	<0.0048	U					0.0086	J		<0.0065	U	
		VMP-23-5-102615	10/26/2015	<0.018	U		0.0059	J		<0.0055	U		<0.0046	U		<0.004	U					0.0044	J		<0.0055	U	
		VMP-23-5-012516	1/25/2016	<0.023	U		0.0018	J		<0.0068	U		<0.0057	J	U	<0.005	U					0.0031	J		<0.0068	U	
		VMP-23-5-062816	6/28/2016	0.0023	J		<0.019	U		<0.0078	U		0.0012	J		<0.0057	U					0.0033	J		<0.0078	U	
		VMP-23-5-072216	7/22/2016	<0.024	U		0.0057	J		<0.0073	U		<0.0061	U		<0.021	U					0.025			<0.0073	U	
		VMP-23-5-101916	10/19/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		<0.013	U		<0.013	U		<0.0063	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	<0.022	U					<0.0067	U		<0.0056	U		<0.0049	U					0.0045	J		<0.0067	J	U
		VMP-23-10-042111	4/21/2011	<0.56	U		3.5			<0.068	U		<0.56	U		<0.05	U					0.012	J		<0.068	U	
		VMP-23-10-072711	7/27/2011	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-23-10-110211	11/2/2011	0.0016	J		<0.011	U		0.0074			0.064			<0.0033	U					0.02			<0.0045	J	U
		VMP-23-10-012512	1/25/2012	<0.013	U		0.17			0.0024	J		0.01			<0.0028	U					0.0064	J		0.00047	J	
		VMP-23-10-040912	4/9/2012	<0.016	U		0.0023	J	J	0.015			0.024			<0.0035	U					<0.0096	U		<0.0048	U	
		VMP-23-10-040912-Dup	4/9/2012	<0.016	U		0.045		J	0.015			0.024			<0.0035	U					0.0075	J		<0.0048	U	
		VMP-23-10-070912	7/9/2012	<0.013	U		0.0043	J		<0.0038	J	U	<0.0032	U		<0.0028	U					0.0042	J		<0.0038	J	U
		VMP-23-10-100312	10/3/2012	<0.025	U		0.0082	J		<0.0076	U		<0.0064	U		<0.0056	U					0.004	J		<0.0076	U	
		VMP-23-10-012413	1/24/2013	<0.02	U		0.002	J		<0.0061	U		<0.005	U		<0.0044	U		<0.013	U		0.0047	J		<0.0061	U	
		VMP-23-10-042213	4/22/2013	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0069	J		<0.0065	U	
		VMP-23-10-072313	7/23/2013	<0.025	U		0.054			<0.0074	U		<0.0062	U		<0.0055	U					<0.015	U		<0.0074	U	
		VMP-23-10-101813	10/18/2013	<0.025	U		0.025			<0.0074	U		<0.0062	U		<0.0054	U					0.013	J		<0.0074	U	
		VMP-23-10-101813-DUP	10/18/2013	<0.024	U		0.03			<0.0074	U		<0.0061	U		<0.0054	U					0.0024	J		<0.0074	U	
		VMP-23-10-021314	2/13/2014	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					<0.012	U	UJ	<0.0061	U	
		VMP-23-10-042114	4/21/2014	<0.024	U		0.0027	J		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	J	U	<0.0071	U	
		VMP-23-10-080514	8/5/2014	<0.025	U		<0.018	U		<0.0075	U		<0.0063	U		<0.0055	U					0.01	J		<0.0075	U	
		VMP-23-10-102414	10/24/2014	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					<0.012	U		<0.0059	U	
		VMP-23-10-012715	1/27/2015	<0.019	U		0.0076	J		<0.0058	U		<0.0049	U		<0.0043	U					0.057			<0.0058	U	
		VMP-23-10-042715	4/27/2015	<0.023	U	UJ	<0.017	U		<0.007	U		<0.0058	U	UJ	<0.0051	U					0.0031	J	J	<0.007	U	
		VMP-23-10-072015	7/20/2015	0.00082	J		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.013			<0.0065	U	
		VMP-23-10-102615	10/26/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0033	J		<0.0065	U	
		VMP-23-10-012516	1/25/2016	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.17			<0.006	U	
		VMP-23-10-062816	6/28/2016	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.0055	U					0.0058	J		<0.0075	U	
		VMP-23-10-072216	7/22/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					0.035			<0.0072	U	
		VMP-23-10-101916	10/19/2016	<0.02	U		0.032			0.00087	J		<0.005	U		<0.018	U		<0.013	U		0.082			<0.006	U	
	25 ft	VMP-23-25-021511	2/15/2011	<0.021	U					<0.0062	U		<0.0052	U		<0.0045	U					0.094			<0.0062	U	
		VMP-23-25-042111	4/21/2011	<0.53	U		15			<0.063	U		<0.53	U		<0.046	U					<0.13	U		<0.063	U	
		VMP-23-25-072711	7/27/2011	<0.024	U		<0.017	U		0.024			0.12			<0.0052	U					0.047			<0.0071	U	
		VMP-23-25-110511	11/5/2011	0.0008	J		0.0052	J		0.0024	J		0.018			<0.0033	U					0.019			<0.0045	U	
		VMP-23-25-012512	1/25/2012	<0.013	U		0.06			0.0017	J		0.048			<0.003	U					0.0082			<0.004	U	
		VMP-23-25-040912	4/9/2012	<0.016	U		5.2	E	J	0.024			0.073			<0.0034	U					0.63			0.0011	J	
		VMP-23-25-071012	7/10/2012	<0.02	U		0.0078	J		<0.006	J	U	<0.005	J	U	<0.0044	U					0.002	J		<0.006	J	U
		VMP-23-25-100312	10/3/2012	<0.025	U		0.0074	J		<0.0074	U		<0.0062	U		<0.0055	U					<0.015	U		<0.0074	U	
		VMP-23-25-012413	1/24/2013	<0.021	U		0.0076	J		<0.0062	U		<0.0052	U		<0.0045	U		<0.013	U		0.0019	J		<0.0062	U	
		VMP-23-25-042213	4/22/2013	<0.023	U		0.0059	J		<0.0068	J	U	<0.0056	U		<0.005	U					0.0014	J		<0.0068	J	U
		VMP-23-25-072313	7/23/2013	<0.023	U		0.031			0.0018	J		<0.0056	U		<0.005	U					0.05			0.0034	J	
		VMP-23-25-102113	10/21/2013	<0.022	U		0.00096	J		<0.0066	U		<0.0055	U		<0.0048	U					0.062			<0.0066	U	
		VMP-23-25-021314	2/13/2014	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					<0.012	U	UJ	<0.006	U	
		VMP-23-25-042114	4/21/2014	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0054	U					<0.015	J	U	<0.0074	U	
		VMP-23-25-080514	8/5/2014	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					<0.014	U		<0.0069	U	
		VMP-23-25-102414	10/24/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					<0.013	J	U	<0.0064	U	
		VMP-23-25-012715	1/27/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0044	J		<0.006	U	
		VMP-23-25-042715	4/27/2015	<0.023	U	UJ	<0.016	U		<0.0068	U		<0.0057	U	UJ	<0.005	U					0.0038	J	J	<0.0068	U	
		VMP-23-25-072015	7/20/2015	<0.023	U		0.002	J		<0.0068	U		<0.0056	J	U	<0.005	U					<0.014	J	U	<0.0068	U	
		VMP-23-25-102615	10/26/2015	0.0015	J		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-23-25-012516	1/25/2016	<0.023	U		0.0014	J		<0.0069	U		<0.0058	J	U	<0.0051	U					0.0076	J		<0.0069	U	
		VMP-23-25-062816	6/28/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-23-25-072216	7/22/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					0.021			<0.0072	U	
		VMP-23-25-101916	10/19/2016	<0.023	U		0.0069	J		<0.0069	U		<0.0058	U		<0.02	U		<0.015	U		0.0086	J		<0.0069	U	
	40 ft	VMP-23-40-071012	7/10/2012	<0.017	J	U	0.023			<0.0051	J	U	<0.0042	J	U	<0.0037	U					<0.01	U		<0.0051	J	U
		VMP-23-40-100312	10/3/2012	<0.023	U		0.0055	J		<0.0069	U		<0.0058	U		<0.0051	U					0.0034	J		<0.0069	U	
		VMP-23-40-012413	1/24/2013	<0.021	U		0.01	J		<0.0063	U		<0.0053	U		<0.0046	U		<0.014	U		0.0021	J		<0.0063	U	
		VMP-23-40-042213	4/22/2013	<0.023	U		0.041			<0.0069	U		<0.0058	U		<0.0051	U					<0.014	U		<0.0069	U	
		VMP-23-40-042213-Dup	4/22/2013	<0.023	U		0.044			<0.0069	U		<0.0058	U		<0.0051	U					<0.014	U		<0.0069	U	
		VMP-23-40-102113	10/21/2013	<0.023	U		0.26			<0.0069	U		<0.0058	U		<0.0051	U					0.014			<0.0069	U	
		VMP-23-40-021314	2/13/2014	<0.022	U		0.0054	J		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U	UJ	<0.0065	U	
		VMP-23-40-042114	4/21/2014	<0.021	U		0.0071	J		<0.0063	U		<0.0052	U		<0.0046	U					0.011	J		<0.0063	U	
		VMP-23-40-080514	8/5/2014	<0.021	U		0.037			0.0018	J		<0.0052	U		<0.0046	U					0.015			0.0049	J	
		VMP-23-40-102414	10/24/2014	<0.022	U		0.0023	J		<0.0065	U		0.0011	J		<0.0048	U					0.0064	J		<0.0065	U	
		VMP-23-40-012715	1/27/2015	<0.023	U		0.0026	J		<0.0068	U		<0.0056	U		<0.005	U					<0.014	J	U	<0.0068	U	
		VMP-23-40-042715	4/27/2015	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.0055	U					0.007	J		<0.0075	U	
		VMP-23-40-072015	7/20/2015	<0.022	U		0.11			<0.0065	U		<0.0054	J	U	<0.0048	U					<0.013	J	U	<0.0065	U	
		VMP-23-40-102615	10/26/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.0027	J		<0.0062	U	
		VMP-23-40-102615-DUP	10/26/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0044	J		<0.0065	J	U
		VMP-23-40-012516	1/25/2016	<0.019	U		0.0018	J		0.0067			<0.0048	U		<0.0043	U					0.0042	J		0.018		
		VMP-23-40-072216	7/22/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U					0.0056	J		<0.0067	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-021611	2/16/2011	<0.023	U					<0.0069	J	U	<0.0058	U		<0.0051	U					0.0033	J		<0.0069	J	U
		VMP-24-5-040811	4/8/2011	<0.25	U		11			<0.074	U		<0.062	U		<0.054	U					<0.15	U		<0.074	U	
		VMP-24-5-072811	7/28/2011	0.0051	J		0.063			0.029			0.071			<0.0051	U					0.019			0.0014	J	
		VMP-24-5-110211	11/2/2011	0.00092	J		0.0077	J		0.0058			0.024		J	<0.0034	U					0.0072	J		<0.0046	J	U
		VMP-24-5-110211-DUP	11/2/2011	<0.021	U		0.015	J		0.0061	J		0.012		J	<0.0047	U					0.017			<0.0064	J	U
		VMP-24-5-012512	1/25/2012	<0.013	U		0.0037	J		0.0044			0.018			<0.0029	U					0.011			<0.004	U	
		VMP-24-5-040912	4/9/2012	<0.016	U		0.012			0.032			0.054			<0.0034	U					0.16			0.0022	J	
		VMP-24-5-071212	7/12/2012	<0.015	U		0.0092	J		0.019			0.074			<0.0033	U					<0.009	U		0.002	J	
		VMP-24-5-101912	10/19/2012	<0.023	U		0.015	J		<0.007	U		<0.0058	U		<0.0051	U					0.003	J		<0.007	U	
		VMP-24-5-012313	1/23/2013	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U		<0.013	U		0.036			<0.0062	U	
		VMP-24-5-050113	5/1/2013	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.0055	U					<0.015	U		<0.0075	U	
		VMP-24-5-073113	7/31/2013	<0.024	U		0.027			<0.007	U		<0.0059	U		<0.0052	U					<0.014	U		<0.007	U	
		VMP-24-5-102113	10/21/2013	<0.022	U		0.0072	J		<0.0067	U		0.00085	J		<0.0049	U					0.0012	J		<0.0067	U	
		VMP-24-5-020614	2/6/2014	<0.019	U		0.0059	J		<0.0057	U		<0.0048	U		<0.0042	U	UJ				<0.011	U		<0.0057	U	
		VMP-24-5-042114	4/21/2014	<0.021	U		0.0021	J		<0.0064	U		<0.0053	U		<0.0047	U					0.0041	J		<0.0064	U	
		VMP-24-5-072814	7/28/2014	<0.022	U		0.0026	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0026	J		<0.0066	U	
		VMP-24-5-102714	10/27/2014	<0.02	U		0.0035	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0041	J		<0.0061	U	
		VMP-24-5-020215	2/2/2015	<0.02	U		0.0015	J		<0.0061	U		<0.005	U		<0.0044	U					<0.012	J	U	<0.0061	U	
		VMP-24-5-042715	4/27/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-24-5-072115	7/21/2015	<0.022	U		0.019			<0.0065	U		<0.0054	U		<0.0048	U					0.018			<0.0065	U	
		VMP-24-5-102915	10/29/2015	<0.022	U		0.013	J		<0.0066	U		<0.0055	U		<0.0049	U					0.0068	J		<0.0066	U	
		VMP-24-5-012716	1/27/2016	0.0013	J		0.0027	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0035	J		<0.0061	U	
		VMP-24-5-042916	4/29/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0017	J		<0.0065	U	
		VMP-24-5-072716	7/27/2016	<0.024	U		0.0025	J		<0.0073	U		<0.0061	U		<0.021	U					0.07			<0.0073	U	
		VMP-24-5-102816	10/28/2016	<0.018	U		0.023			<0.0053	U		<0.0044	U		<0.016	U		0.00058	J	J	0.11			<0.0053	U	
	10 ft	VMP-24-10-021711	2/17/2011	<0.022	U					<0.0066	J	U	<0.0055	U		<0.0048	U					0.0065	J		<0.0066	J	U
		VMP-24-10-041111	4/11/2011	<0.041	U		1			<0.012	U		<0.01	U		0.00079	J					<0.025	U		<0.012	U	
		VMP-24-10-072811	7/28/2011	0.0047	J		0.046			0.033			0.1			<0.005	U					0.038			0.0011	J	
		VMP-24-10-110211	11/2/2011	0.0013	J		<0.0097	U		<0.0044		U	0.028			<0.003	U					0.011			<0.004	U	
		VMP-24-10-012512	1/25/2012	<0.013	U		0.0015	J		0.0037	J		0.013			<0.0028	U					0.0054	J		0.00041	J	
		VMP-24-10-041012	4/10/2012	<0.015	U		0.071			<0.0045	U		<0.0037	U		<0.0033	U					0.1			<0.0045	U	
		VMP-24-10-071212	7/12/2012	<0.017	J	U	0.0051	J		0.038			0.16			<0.0038	U					0.045			<0.0052	J	U
		VMP-24-10-100912	10/9/2012	<0.022	U		0.0071	J		<0.0065	U		<0.0054	U		<0.0048	U					0.074			<0.0065	U	
		VMP-24-10-012313	1/23/2013	<0.023	U		0.0034	J		<0.0068	U		<0.0056	U		<0.005	U		<0.014	U		0.016			<0.0068	U	
		VMP-24-10-042513	4/25/2013	<0.087	U		0.069			0.22			<0.022	U		<0.019	U					<0.052	U		0.53		
		VMP-24-10-073113	7/31/2013	<0.024	U		0.066			<0.007	U		<0.0059	U		<0.0052	U					<0.014	U		<0.007	U	
		VMP-24-10-102113	10/21/2013	<0.023	U		0.036			<0.0068	U		0.00042	J		<0.005	U					0.0067	J		<0.0068	U	
		VMP-24-10-020614	2/6/2014	<0.019	U		0.0036	J		<0.0058	U		<0.0048	U		<0.0042	U	UJ				<0.012	U		<0.0058	U	
		VMP-24-10-042114	4/21/2014	<0.021	U		0.016			<0.0063	U		<0.0052	U		<0.0046	U					0.0082	J		<0.0063	U	
		VMP-24-10-072814	7/28/2014	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0052	U					0.0027	J		<0.007	U	
		VMP-24-10-102714	10/27/2014	0.0039	J		0.011	J		0.0014	J		0.00094	J		<0.0043	U					0.012	J		<0.0059	U	
		VMP-24-10-020215	2/2/2015	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.004	U					<0.011	J	U	<0.0055	U	
		VMP-24-10-042715	4/27/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-24-10-072115	7/21/2015	0.0013	J	J	0.0059	J		<0.0063	U		<0.0053	U		<0.0046	U					0.011	J		<0.0063	U	
		VMP-24-10-102915	10/29/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0041	J		<0.0062	U	
		VMP-24-10-012716	1/27/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0024	J		<0.0065	U	
		VMP-24-10-042916	4/29/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0052	U					0.0014	J		<0.007	U	
		VMP-24-10-072716	7/27/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U					0.0053	J		<0.0068	U	
		VMP-24-10-102816	10/28/2016	<0.017	U		0.01	J		<0.0051	U		<0.0042	U		<0.015	U		<0.011	U		0.062			<0.0051	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	<0.022	U					<0.0066	J	U	<0.0055	U		<0.0048	U					0.0063	J		<0.0066	U	U
		VMP-24-22-041111	4/11/2011	<0.021	U		0.0062	J		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-24-22-072811	7/28/2011	<0.021	U		<0.015	U		0.019			0.042			<0.0045	U					0.014			0.00067	J	
		VMP-24-22-072811-Dup	7/28/2011	<0.024	U		<0.017	U		0.018			0.041			<0.0052	U					0.014			0.00064	J	
		VMP-24-22-110611	11/6/2011	<0.014	U		0.08			0.0028	J		0.021			<0.0032	U					0.02			<0.0043	U	
		VMP-24-22-012512	1/25/2012	<0.013	U		<0.0097	U		0.005			0.018			<0.003	U					0.0078	J		<0.004	U	
		VMP-24-22-041012	4/10/2012	<0.015	U		0.11			<0.0044	U		0.0018	J		<0.0032	U					0.21			<0.0044	U	
		VMP-24-22-071212	7/12/2012	<0.018	J	U	0.0052	J		0.023			0.1			<0.0039	U					0.03			<0.0053	U	
		VMP-24-22-100912	10/9/2012	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.051			<0.0066	U	
		VMP-24-22-012313	1/23/2013	<0.023	U		0.011	J		<0.0069	U		<0.0058	U		<0.0051	U		<0.015	U		0.0098	J		<0.0069	U	
		VMP-24-22-042513	4/25/2013	<0.022	U		0.027			<0.0066	U		<0.0055	U		<0.0049	U					<0.013	U		<0.0066	U	
		VMP-24-22-042513-Dup	4/25/2013	<0.024	U		0.016	J		<0.0073	U		<0.0061	U		<0.0053	U					<0.014	U		<0.0073	U	
		VMP-24-22-073113	7/31/2013	<0.024	U		<0.017	U		0.00076	J		<0.0059	U		<0.0052	U					<0.014	U		0.0015	J	
		VMP-24-22-102213	10/22/2013	<0.02	U		0.0039	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0058	J		<0.0061	U	
		VMP-24-22-020614	2/6/2014	<0.02	U		0.01	J		<0.006	U		<0.005	U		<0.0044	U	UJ				<0.012	U		<0.006	U	
		VMP-24-22-042114	4/21/2014	<0.021	U		0.0016	J		<0.0064	U		<0.0053	U		<0.0047	U					0.0093	J		<0.0064	U	
		VMP-24-22-072814	7/28/2014	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-24-22-102714	10/27/2014	0.0045	J		0.006	J		0.0014	J		<0.0054	U		<0.0048	U					0.034			<0.0065	U	
		VMP-24-22-020215	2/2/2015	<0.022	U		0.0017	J		<0.0065	U		<0.0054	U		<0.0048	U					0.005	J		<0.0065	U	
		VMP-24-22-042715	4/27/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-24-22-072115	7/21/2015	<0.022	U	UJ	<0.016	J	UJ	<0.0065	U	UJ	<0.0054	U	UJ	<0.0048	U	UJ				0.013		J	<0.0065	U	UJ
		VMP-24-22-082415	8/24/2015	<0.024	U		0.0036	J		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-24-22-082415-DUP	8/24/2015	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.0055	U					<0.015	U		0.0018	J	
		VMP-24-22-102915	10/29/2015	<0.024	U		0.0038	J		<0.0071	U		<0.0059	U		<0.0052	U					0.003	J		<0.0071	U	
		VMP-24-22-012716	1/27/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	J	U	<0.0046	U					0.0043	J		<0.0063	U	
		VMP-24-22-042916	4/29/2016	<0.024	U		0.0074	J		<0.0072	U		<0.006	U		<0.0053	U					0.008	J		<0.0072	U	
		VMP-24-22-072716	7/27/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U					0.012	J		<0.0071	U	
		VMP-24-22-102816	10/28/2016	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U		<0.011	U		0.05			<0.0054	U	
	34 ft	VMP-24-34-021711	2/17/2011	<0.022	U					<0.0066	U		<0.0055	U		<0.0048	U					0.0026	J		<0.0066	U	
		VMP-24-34-041111	4/11/2011	<0.02	U		0.0049	J		<0.0059	U		<0.005	U		0.00059	J					0.0052	J		<0.0059	U	
		VMP-24-34-072811	7/28/2011	<0.017	U		<0.012	U		0.016			0.053			<0.0038	U					0.02			0.00058	J	
		VMP-24-34-110611	11/6/2011	0.00049	J		0.012			0.0016	J		0.012			<0.0024	U					0.017			0.00035	J	
		VMP-24-34-012512	1/25/2012	<0.014	U		0.0029	J		0.0063			0.035			<0.003	U					0.0084			<0.0041	U	
		VMP-24-34-041012	4/10/2012	<0.015	U		0.013			0.016			0.045			<0.0034	U					0.049			0.0025	J	
		VMP-24-34-071212	7/12/2012	0.0022	J		0.007	J		0.024			0.12			<0.0032	U					0.053			<0.0044	J	U
		VMP-24-34-100912	10/9/2012	<0.023	U		0.013	J		<0.0068	U		<0.0056	U		<0.005	U					0.07			<0.0068	U	
		VMP-24-34-012313	1/23/2013	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U		<0.015	U		0.0032	J		<0.0071	U	
		VMP-24-34-050613	5/6/2013	<0.026	U		0.0068	J		<0.0079	U		<0.0066	U		<0.0058	U					<0.016	U		<0.0079	U	
		VMP-24-34-073113	7/31/2013	<0.023	U		0.0059	J		<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-24-34-073113-Dup	7/31/2013	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-24-34-102213	10/22/2013	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.003	J		<0.0067	U	
		VMP-24-34-020614	2/6/2014	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U	UJ				<0.012	U		<0.0061	U	
		VMP-24-34-042114	4/21/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					<0.013	J	U	<0.0064	U	
		VMP-24-34-072814	7/28/2014	<0.023	U		0.0034	J		<0.0068	U		<0.0056	U		<0.005	U					0.005	J		<0.0068	U	
		VMP-24-34-072814-DUP	7/28/2014	<0.025	U		0.0028	J		<0.0074	U		0.0016	J		<0.0054	U					0.0017	J		<0.0074	U	
		VMP-24-34-102714	10/27/2014	<0.023	U		0.0035	J		<0.0068	U		<0.0057	U		<0.005	U					0.017			<0.0068	U	
		VMP-24-34-102714-DUP	10/27/2014	<0.021	U		0.0055	J		<0.0062	U		<0.0052	U		<0.0045	U					0.02			<0.0062	U	
		VMP-24-34-020215	2/2/2015	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					0.0053	J		<0.0059	U	
		VMP-24-34-020215-DUP	2/2/2015	<0.019	U		0.0014	J		<0.0057	U		<0.0048	U		<0.0042	U					0.0061	J		<0.0057	U	
		VMP-24-34-042715	4/27/2015	<0.029	U		<0.021	U		<0.0086	U		<0.0072	U		<0.0063	U					<0.017	U		<0.0086	U	
		VMP-24-34-072115	7/21/2015	0.0022	J	J	<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.012	J		<0.0066	U	
		VMP-24-34-072115-DUP	7/21/2015	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.0094	J		<0.0071	U	
		VMP-24-34-102915	10/29/2015	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					0.024			<0.0064	U	
		VMP-24-34-012716	1/27/2016	0.0048	J		<0.018	U		<0.0074	U		0.0036	J		<0.0054	U					0.016			<0.0074	U	
		VMP-24-34-042916	4/29/2016	<0.022	U		0.0053	J		<0.0065	U		<0.0054	U		<0.0047	U					0.0058	J		<0.0065	U	
		VMP-24-34-072716	7/27/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U					0.0026	J		<0.0067	U	
		VMP-24-34-072716-DUP	7/27/2016	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.016	U					0.013			<0.0054	U	
		VMP-24-34-102816	10/28/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U		<0.015	U		0.016			<0.0071	U	
		VMP-24-34-102816-Dup	10/28/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		<0.014	U		0.0072	J		<0.0068	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	<0.2	U					0.28			<0.05	U		<0.044	U					<0.12	U		0.46		
		VMP-25-5-040811	4/8/2011	<0.09	U		0.27			<0.027	U		<0.022	U		0.019	J					<0.054	U		<0.027	U	
		VMP-25-5-080911	8/9/2011	<0.019	U		0.53			0.0083			0.039			0.0023	J					0.12			<0.0057	J	U
		VMP-25-5-111711	11/17/2011	<0.014	U		0.0036	J		0.00079	J		0.0037			<0.003	U					0.0024	J		<0.0041	U	
		VMP-25-5-013112	1/31/2012	<0.1	U		6.3			0.0054	J		0.082			<0.022	U					0.026	J		<0.03	U	
		VMP-25-5-042512	4/25/2012	<0.016	U		0.0041	J		0.024			0.086			<0.0034	U					0.037			<0.0047	U	
		VMP-25-5-072612	7/26/2012	<0.054	U		3			0.024			0.098			<0.012	U					0.039			0.013	J	
		VMP-25-5-102612	10/26/2012	<0.022	U		0.014	J		0.013			0.018			<0.0048	U					0.0096	J	J	<0.0066	U	
		VMP-25-5-030613	3/6/2013	<0.021	U		0.029			0.0026	J		<0.0053	U		<0.0046	U		<0.013	U	UJ	0.022			0.0075		
		VMP-25-5-051713	5/17/2013	<0.022	U		0.018			<0.0067	U		0.0013	J		<0.0049	U					0.032			<0.0067	U	
		VMP-25-5-081513	8/15/2013	<0.027	U		0.014	J		<0.0082	U		0.0014	J		<0.006	U					0.0043	J		<0.0082	J	U
		VMP-25-5-081513-Dup	8/15/2013	<0.023	U		0.0097	J		<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-25-5-111313	11/13/2013	<0.021	U		<0.015	U		0.00078	J		<0.0054	U		<0.0047	U					<0.013	U		0.0025	J	
		VMP-25-5-050114	5/1/2014	0.0042	J		0.0071	J		<0.0067	U		<0.0056	J	U	<0.0049	U					0.0053	J		<0.0067	U	
		VMP-25-5-081414	8/14/2014	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		0.0025	J					0.0016	J		<0.0069	U	
		VMP-25-5-110514	11/5/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-25-5-021115	2/11/2015	<0.02	U		0.0042	J		0.0064			0.0023	J		<0.0044	U					0.033			0.017		
		VMP-25-5-050715	5/7/2015	0.0012	J		0.002	J		<0.0067	U		0.0017	J		<0.0049	U					0.0029	J		<0.0067	U	
		VMP-25-5-073015	7/30/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-25-5-110515	11/5/2015	<0.021	U		0.0037	J		0.043			<0.0053	U		<0.0047	U					0.0054	J		0.12		
		VMP-25-5-021616	2/16/2016	<0.021	U		0.004	J		<0.0064	U		<0.0053	U		<0.0047	U					0.088			0.0021	J	
		VMP-25-5-050416	5/4/2016	<0.4	U		20			<0.12	U		<0.1	U		<0.088	U					0.026	J		<0.12	U	
		VMP-25-5-080316	8/3/2016	0.0015	J		<0.018	U		<0.0076	U		<0.0064	U		0.0064	J					<0.015	U		<0.0076	U	
		VMP-25-5-103116	10/31/2016	<0.02	U		0.0019	J		<0.0059	U		<0.0049	U		<0.017	U		<0.013	U		0.009	J		<0.0059	U	
	21 ft	VMP-25-21-031511	3/15/2011	<39	U					4.3	J		<9.7	U		<8.5	U					15	J		6.7	J	
		VMP-25-21-031511-DUP	3/15/2011	<50	U					6.7	J		<12	U		<11	U					27	J		9.3	J	
		VMP-25-21-040811	4/8/2011	<410	U		23000			<120	U		<100	U		<91	U					38	J		17	J	
		VMP-25-21-040811-DUP	4/8/2011	<420	U		23000			<120	U		<100	U		<92	U					<250	U		<120	U	
		VMP-25-21-080911	8/9/2011	<140	U		19000			9.7	J		<34	U		<30	U					<81	U		36	J	
		VMP-25-21-111711	11/17/2011	<180	U		14000			<55	U		<46	U		<40	U					<110	U		<55	U	
		VMP-25-21-111711-DUP	11/17/2011	<270	U		14000			<82	U		<68	U		<60	U					<160	U		<82	U	
		VMP-25-21-013112	1/31/2012	<96	U		20000			<29	U		<24	U		<21	U					<58	U		<29	U	
		VMP-25-21-013112-DUP	2/1/2012	<89	U		22000			<27	U		<22	U		<20	U					<54	U		<27	U	
		VMP-25-21-042512	4/25/2012	<61	U		21000			<18	U		<15	U		<13	U					<37	U		<18	U	
		VMP-25-21-072612	7/26/2012	<100	U		22000			<31	U		<26	U		<23	U					<62	U		<31	U	
		VMP-25-21-102612	10/26/2012	<620	U		20000			<180	U		<150	U		<140	U					<370	U		<180	U	
		VMP-25-21-030613	3/6/2013	<160	U		20000			<47	U		<39	U		<35	U		<100	U	UJ	<94	U		<47	U	
		VMP-25-21-051713	5/17/2013	<110	U		16000			<33	U		<28	U		<24	U					<67	U		<33	U	
		VMP-25-21-081513	8/15/2013	<56	U		11000			<17	U		<14	U		<12	U					<34	U		<17	U	
		VMP-25-21-111313	11/13/2013	<150	U		6000			<45	U		<37	U		<33	U					<89	U		<45	U	
		VMP-25-21-111313-Dup	11/13/2013	<150	U		6200			<45	U		<37	U		<33	U					<89	U		<45	U	
		VMP-25-21-050114	5/1/2014	<100	U		4000			<31	U		<26	U		<23	U					6.3	J		<31	U	
		VMP-25-21-081414	8/14/2014	<22	U		1700			2	J		<5.4	U		<4.7	U					<13	U	UJ	2.6	J	
		VMP-25-21-110514	11/5/2014	<6.7	U		1600			0.79	J		<1.7	U		0.6	J					<4	U		1.4	J	
		VMP-25-21-021115	2/11/2015	<10	U		1000			1.6	J		<2.5	U		<2.2	U					<6.1	U		0.78	J	
		VMP-25-21-050715	5/7/2015	<20	U		880			<5.9	U		<4.9	U		<4.3	U					<12	U		<5.9	U	
		VMP-25-21-073015	7/30/2015	<5.2	U		820			1	J		<1.3	U		0.2	J					<3.2	U		0.82	J	
		VMP-25-21-110515	11/5/2015	<4.7	U		390			0.47	J		<1.2	U		<1	ND,UJ	UJ				<2.8	U		0.48	J	
		VMP-25-21-050416	5/4/2016	<0.25	U		0.089	J		<0.074	U		<0.062	U		<0.055	U					<0.15	U		<0.074	U	
		VMP-25-21-080316	8/3/2016	0.0013	J		0.014	J		<0.0069	U		<0.0058	U		<0.02	U					0.014			<0.0069	U	
		VMP-25-21-103116	10/31/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.0058	J		<0.0065	U	
		VMP-25-21-103116-Dup	10/31/2016	<0.02	U		0.002	J		<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.0067	J		<0.006	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	31 ft	VMP-25-31-030613	3/6/2013	<210	U		23000			<62	U		<52	U		7.4	J		<270	U		5.6	J		<62	U	
		VMP-25-31-081513	8/15/2013	<110	U		9900			<33	U		<27	U		<24	U					<65	U		<33	U	
		VMP-25-31-111313	11/13/2013	<150	U		6000			<46	U		<39	U		<34	U					<93	U		<46	U	
		VMP-25-31-050114	5/1/2014	<95	U		2900			<28	U		<24	U		<21	U					<57	U		<28	U	
		VMP-25-31-081414	8/14/2014	<24	U		1700			1.6	J		<5.9	U		<5.2	U					<14	U	UJ	2.5	J	
		VMP-25-31-110514	11/5/2014	<11	U		1600			1.2	J		<2.7	U		<2.4	U					<6.5	U		1.3	J	
		VMP-25-31-021115	2/11/2015	<9.7	U		1100			0.66	J		<2.4	U		<2.1	U					<5.8	U		<2.9	U	
		VMP-25-31-021115-DUP	2/11/2015	<9.6	U		1000			0.74	J		<2.4	U		<2.1	U					<5.8	U		<2.9	U	
		VMP-25-31-050715	5/7/2015	<27	U		810			<8	U		2.4	J		<5.8	U					<16	U		<8	U	
		VMP-25-31-050715-DUP	5/7/2015	<26	U		800			<7.7	U		<6.4	U		<5.7	U					<15	U		<7.7	U	
		VMP-25-31-073015	7/30/2015	<6.2	U		740			0.91	J		<1.5	U		<1.4	U					<3.7	U		0.45	J	
		VMP-25-31-073015-DUP	7/30/2015	<5.4	U		700			0.83	J		<1.4	U		<1.2	U					<3.3	U		<1.6	U	
		VMP-25-31-110515	11/5/2015	<4.4	U		380			<1.3	U		<1.1	U		<0.98	ND,UJ	UJ				<2.7	U		<1.3	U	
		VMP-25-31-021616	2/16/2016	<6.7	U		330			<2	U		<1.7	U		<1.5	U					<4	U		<2	U	
		VMP-25-31-021616-DUP	2/16/2016	<10	U		340			<3.1	U		<2.6	U		<2.3	U					<6.3	U		<3.1	U	
		VMP-25-31-050416	5/4/2016	<11	U		450			<3.4	U		<2.9	U		<2.5	U					<6.9	U		<3.4	U	
		VMP-25-31-080316	8/3/2016	<0.44	U		1.9			<0.13	U		<0.11	U		<0.39	U					0.18	J		<0.13	U	
		VMP-25-31-080316-DUP	8/3/2016	<0.39	U		1.4			<0.12	U		<0.097	U		<0.34	U					0.12	J		<0.12	U	
		VMP-25-31-103116	10/31/2016	<0.2	U		680			0.15		J	<0.05	U		0.37		J	<0.25	ND,UJ	UJ	<0.12	U		<0.059	U	
	10 ft	VMP-29-10-073012	7/30/2012	<0.17	U		<0.12	U		0.025	J		0.082			<0.038	U					0.065	J		<0.052	U	
		VMP-29-10-100812	10/8/2012	<0.31	U		<0.22	U		<0.092	U		0.059	J		<0.068	U					0.047	J		<0.092	U	
		VMP-29-10-020613	2/6/2013	<0.023	U		0.0031	J		<0.0069	U		0.0028	J		<0.0051	U		<0.015	U	UJ	0.044			<0.0069	U	
		VMP-29-10-050613	5/6/2013	<0.022	U		0.048			<0.0067	U		<0.0056	U		<0.0049	U					0.021			<0.0067	U	
		VMP-29-10-080513	8/5/2013	0.0042	J		0.011	J		0.005	J		0.0053			<0.0048	U					0.054			<0.0066	U	
		VMP-29-10-083013	8/30/2013	<0.024	U		0.15			0.0058	J		0.0082			<0.0054	U					0.014	J		<0.0073	U	
		VMP-29-10-102513	10/25/2013	<0.022	U		0.0024	J		<0.0067	U		<0.0056	U		<0.0049	U					0.016			<0.0067	U	
		VMP-29-10-021214	2/12/2014	<0.02	U		0.016			0.0012	J		<0.0049	U		<0.0043	U					0.0045	J		<0.0059	U	
		VMP-29-10-042914	4/29/2014	<0.022	U		0.014	J		<0.0067	U		0.0014	J		<0.0049	U					0.0044	J		<0.0067	U	
		VMP-29-10-081214	8/12/2014	0.004	J		0.013	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0042	J		<0.0071	U	
		VMP-29-10-110314	11/3/2014	<0.023	U		0.0099	J		<0.0068	U		<0.0056	U		<0.005	U					0.0055	J		<0.0068	U	
		VMP-29-10-020515	2/5/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.17			<0.0065	U	
		VMP-29-10-050615	5/6/2015	0.0054	J		0.016	J	J	<0.0071	U		0.0047	J		<0.0052	U					0.016		J	<0.0071	U	
		VMP-29-10-072715	7/27/2015	0.0093	J		0.04			0.0036	J		0.0042	J		<0.0049	U					0.015			<0.0067	U	
		VMP-29-10-103015	10/30/2015	0.007	J		0.088			<0.0064	U		<0.0054	J	U	0.0042	J					0.014			<0.0064	U	
		VMP-29-10-012716	1/27/2016	<0.021	U		0.0026	J		<0.0063	U		<0.0053	J	U	<0.0046	U					0.013	J		<0.0063	U	
		VMP-29-10-050216	5/2/2016	0.0032	J		0.0078	J		0.0024	J		0.0022	J		<0.0049	U					0.015			<0.0066	U	
		VMP-29-10-072816	7/28/2016	<0.024	U		0.0047	J		<0.0071	U		<0.0059	U		<0.021	U					0.011	J		<0.0071	U	
		VMP-29-10-120916	12/9/2016	<0.02	U		0.0052	J		<0.006	U		0.0016	J		<0.018	U		<0.013	U		0.013			<0.006	U	
VMP-29	20 ft	VMP-29-20-073012	7/30/2012	<2	U		<1.5	U		<0.62	U		<0.51	U		<0.45	U					0.95	J		<0.62	U	
		VMP-29-20-073012-Dup	7/30/2012	<1.9	U		<1.4	U		<0.58	U		<0.48	U		<0.42	U					0.86	J		<0.58	U	
		VMP-29-20-100812	10/8/2012	<0.31	U		<0.22	U		<0.092	U		0.093			<0.068	U					0.097	J		<0.092	U	
		VMP-29-20-020613	2/6/2013	<0.023	U		0.0081	J		<0.0068	J	U	0.01			<0.005	U		<0.014	U	UJ	0.04			<0.0068	U	
		VMP-29-20-050613	5/6/2013	<0.091	U		<0.066	U		<0.027	U		<0.023	U		<0.02	U					<0.054	U		<0.027	U	
		VMP-29-20-080513	8/5/2013	<0.11	U		<0.083	U		<0.034	U		0.0065	J		<0.025	U					0.055	J		<0.034	U	
		VMP-29-20-102513	10/25/2013	<0.038	U		0.085			<0.011	U		0.0028	J		<0.0084	U					0.011	J		<0.011	U	
		VMP-29-20-021214	2/12/2014	<0.021	U		0.014	J		0.0015	J		<0.0052	U		<0.0046	U					0.0051	J		<0.0063	U	
		VMP-29-20-042914	4/29/2014	0.0026	J		0.023			0.0015	J		0.002	J		<0.0044	U					0.0048	J		<0.006	U	
		VMP-29-20-081214	8/12/2014	<0.023	U		<0.017	U		<0.007	U		0.004	J		<0.0051	U					0.0066	J		<0.007	U	
		VMP-29-20-110314	11/3/2014	0.0043	J		0.015	J		0.0017	J		0.0027	J		<0.005	U					0.0051	J		<0.0068	U	
		VMP-29-20-020515	2/5/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.044			<0.0066	U	
		VMP-29-20-050615	5/6/2015	0.011	J		0.018		J	<0.0071	J	U	0.012			<0.0052	U					0.015		J	<0.0071	U	
		VMP-29-20-072715	7/27/2015	0.013	J		0.031			0.012			0.0075			<0.0064	U					0.014	J		<0.0088	U	
		VMP-29-20-103015	10/30/2015	0.017	J		0.016			0.0063	J		<0.0055	J	U	<0.0048	U					0.053			<0.0066	U	
	18 ft	VMP-29-20-020416-R	2/4/2016	<0.025	U		0.0053	J		0.0009	J		<0.0064	U		<0.0056	U					0.0089	J		<0.0076	U	
		VMP-29-20-050216	5/2/2016	<0.021	U		0.0066	J		<0.0064	U		0.0026	J		<0.0047	U					0.0075	J		<0.0064	U	
		VMP-29-20-072816	7/28/2016	<0.046	U		0.014	J		0.0029	J		0.0058	J		<0.041	U					0.049			<0.014	U	
		VMP-29-18-110316	11/3/2016	<0.043	U		<0.031	U		<0.013	U		0.0048	J		<0.038	U		<0.028	U		0.016	J		<0.013	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	26 ft	VMP-29-30-073012	7/30/2012	<0.34	U		0.09	J		0.031	J		0.091			<0.074	U					0.78			<0.1	U	
		VMP-29-30-100812	10/8/2012	<1.5	U		0.46	J		<0.45	U		<0.38	U		<0.33	U					0.55	J		<0.45	U	
		VMP-29-30-020613	2/6/2013	<0.024	U		0.0046	J		<0.0071	J	U	0.012			<0.0052	U		<0.015	U	UJ	0.029			<0.0071	U	
		VMP-29-30-050613	5/6/2013	<0.079	U		0.019	J		<0.024	U		<0.02	U		<0.017	U					<0.047	U		<0.024	U	
		VMP-29-30-080513	8/5/2013	<0.12	U		<0.086	U		<0.036	U		<0.03	U		<0.026	U					<0.072	U		<0.036	U	
		VMP-29-30-080513-Dup	8/5/2013	<0.19	U		<0.14	U		<0.058	U		<0.049	U		<0.043	U					<0.12	U		<0.058	U	
		VMP-29-30-102513	10/25/2013	<0.03	U		0.0071	J		<0.0091	U		<0.0076	U		<0.0067	U					0.016	J		<0.0091	U	
		VMP-29-30-021214	2/12/2014	<0.019	U		<0.014	U		0.00068	J		<0.0048	U		<0.0042	U					<0.011	U		<0.0057	U	
		VMP-29-30-042914	4/29/2014	<0.022	U		0.017			0.0013	J		0.002	J		<0.0049	U					0.0045	J		<0.0066	U	
		VMP-29-30-081214	8/12/2014	<0.16	U		<0.12	U		<0.048	U		<0.04	U		<0.036	U					<0.097	U		<0.048	U	
		VMP-29-30-111214-R	11/12/2014	<0.02	U		0.0033	J		<0.006	J	U	<0.005	J	U	<0.0044	U					0.0041	J		<0.006	J	U
		VMP-29-30-111214-R-DUP	11/12/2014	<0.02	U		0.0034	J		<0.0059	J	U	<0.0049	J	U	<0.0043	U					0.0036	J		<0.0059	U	
		VMP-29-30-020615	2/6/2015	<0.021	U		0.0084	J		<0.0063	U		<0.0053	U		<0.0046	U					0.01	J		<0.0063	U	
		VMP-29-30-050615	5/6/2015	0.0043	J		0.04		J	<0.0068	U		0.0078			<0.005	U					0.0076	J	J	<0.0068	U	
		VMP-29-30-050615-DUP	5/6/2015	0.0052	J		0.092		J	<0.0066	J	U	0.0085			<0.0048	U					0.01	J	J	<0.0066	U	
		VMP-29-30-080315	8/3/2015	0.012	J	J	0.0057	J		0.0083			0.0062			<0.0054	U					0.014	J		<0.0073	U	
		VMP-29-30-103015	10/30/2015	0.0039	J		0.0023	J		<0.0058	U		<0.0049	J	U	0.00071	J					0.016			<0.0058	U	
		VMP-29-30-012716	1/27/2016	0.0012	J		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0068	J		<0.0069	U	
		VMP-29-30-050216	5/2/2016	<0.079	U		<0.057	U		<0.024	U		<0.02	U		<0.017	U					0.006	J		<0.024	U	
		VMP-29-30-072816	7/28/2016	<0.054	U		0.017	J		<0.016	U		<0.013	U		<0.047	U					0.028	J		<0.016	U	
		VMP-29-26-110316	11/3/2016	<0.021	U		<0.015	U		0.0031	J		0.0036	J		<0.019	U		0.0051	J	J	0.0053	J		0.0035	J	
		VMP-29-26-110316-Dup	11/3/2016	<0.021	U		0.0042	J		0.0028	J		0.0033	J		<0.018	U		0.006	J	J	0.0071	J		0.0035	J	
VMP-30	10 ft	VMP-30-10-073012	7/30/2012	<0.61	U		<0.44	U		<0.18	U		<0.15	U		<0.13	U					0.3	J		<0.18	U	
		VMP-30-10-100812	10/8/2012	<0.023	U		0.014	J		0.0078			0.051			<0.0051	U					0.019			<0.0069	U	
		VMP-30-10-020613	2/6/2013	<0.022	U		0.0077	J		<0.0065	U		0.0023	J		<0.0048	U		<0.014	U	UJ	0.0028	J		<0.0065	U	
		VMP-30-10-050613	5/6/2013	<0.023	U		0.032			0.00081	J		0.0022	J		<0.0051	U					0.028			<0.007	U	
		VMP-30-10-080513	8/5/2013	<0.045	U		0.028	J		<0.014	U		<0.011	U		<0.01	U					0.03			<0.014	U	
		VMP-30-10-102813	10/28/2013	0.0056	J		<0.017	U		0.0048	J		0.0045	J		<0.0052	U					0.091		J	<0.0071	U	
		VMP-30-10-021214	2/12/2014	<0.023	U		0.023			<0.007	U		<0.0058	U		<0.0051	U					0.0048	J	J	<0.007	U	
		VMP-30-10-042914	4/29/2014	<0.02	U		0.0086	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0016	J		<0.0061	U	
		VMP-30-10-080814	8/8/2014	<0.024	U		0.088			<0.0073	J	U	<0.0061	U		<0.0054	U					0.057			<0.0073	U	
		VMP-30-10-110414	11/4/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0047	U					0.007	J		<0.0065	U	
		VMP-30-10-020615	2/6/2015	<0.022	U		0.007	J		<0.0066	U		<0.0055	U		<0.0048	U					0.029			<0.0066	U	
		VMP-30-10-050515	5/5/2015	0.0026	J		0.0096	J		<0.0057	U		0.0026	J		<0.0042	U					0.044			<0.0057	U	
		VMP-30-10-072715	7/27/2015	0.0089	J		0.015			0.0056	J		0.004	J		<0.0047	U					0.011	J		<0.0064	U	
		VMP-30-10-103015	10/30/2015	0.018	J	J	0.0032	J		0.0031	J		0.0019	J		<0.0045	U					0.023			<0.0062	U	
		VMP-30-10-020416	2/4/2016	0.003	J		<0.016	U		0.0028	J		<0.0054	U		<0.0048	U					0.0043	J		<0.0065	U	
		VMP-30-10-050216	5/2/2016	<0.021	U		0.0034	J		<0.0063	U		<0.0053	U		<0.0046	U					0.0014	J		<0.0063	U	
		VMP-30-10-072816	7/28/2016	<0.09	U		<0.065	U		<0.027	U		<0.022	U		<0.079	U					0.0089	J		<0.027	U	
		VMP-30-10-110316	11/3/2016	<0.021	U		0.005	J		0.0021	J		0.0026	J		<0.018	U		0.0026	J	J	0.0056	J		0.0042	J	
	18 ft	VMP-30-20-073012	7/30/2012	<2.6	U		<1.9	U		<0.78	U		<0.65	U		<0.57	U					1.3	J		<0.78	U	
		VMP-30-20-100812	10/8/2012	<0.95	U		0.18	J		<0.28	U		<0.24	U		<0.21	U					0.26	J		<0.28	U	
		VMP-30-20-020613	2/6/2013	<0.022	U		0.0073	J		<0.0065	J	U	0.0034	J		<0.0048	U		<0.014	U		0.011	J		<0.0065	J	U
		VMP-30-20-050613	5/6/2013	<0.23	U		<0.16	U		<0.068	U		<0.057	U		<0.05	U					0.24			<0.068	U	
		VMP-30-20-080513	8/5/2013	<0.092	U		<0.066	U		0.0032	J		0.01	J		<0.02	U					0.018	J		<0.028	U	
		VMP-30-20-102813	10/28/2013	<0.032	U		0.017	J		<0.0096	U		<0.008	U		<0.007	U					0.016	J	J	<0.0096	U	
		VMP-30-20-021214	2/12/2014	<0.02	U		0.013	J		<0.006	U		<0.005	U		<0.0044	U					0.015		J	<0.006	U	
		VMP-30-20-042914	4/29/2014	<0.021	U		0.0039	J		<0.0062	U		<0.0052	U		<0.0045	U					0.0017	J		<0.0062	U	
		VMP-30-20-080814	8/8/2014	<0.025	U		0.021			<0.0075	J	U	<0.0062	U		<0.0055	U					0.012	J		<0.0075	U	
		VMP-30-20-110414	11/4/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0061	J		<0.0065	U	
		VMP-30-20-020615	2/6/2015	<0.021	U		0.021			<0.0062	U		<0.0052	U		<0.0045	U					0.02			<0.0062	U	
		VMP-30-20-050515	5/5/2015	0.0036	J		0.0058	J		<0.0066	J	U	0.0029	J		<0.0048	U					0.024			<0.0066	U	
		VMP-30-20-072715	7/27/2015	0.013	J		0.019	J		0.0097	J		0.01	J		<0.012	U					0.012	J		<0.016	U	
		VMP-30-20-103015	10/30/2015	0.016	J	J	0.013	J		0.0029	J		0.0029	J		<0.0052	U					0.02			<0.0071	U	
		VMP-30-20-012716	1/27/2016	0.00093	J		0.0089	J		0.0023	J		<0.0054	J	U	<0.0048	U					0.023			0.0031	J	
		VMP-30-20-050216	5/2/2016	<0.025	U		0.0023	J		<0.0074	U		0.0049	J		<0.0054	U					<0.015	U		<0.0074	U	
		VMP-30-20-072816	7/28/2016	<0.1	U		<0.072	U		<0.03	U		0.017	J		<0.088	U					<0.06	U		<0.03	U	
		VMP-30-18-110316	11/3/2016	<0.021	U		0.0054	J		0.002	J		0.003	J		<0.019	U		0.0013	J	J	0.0068	J		0.0029	J	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-30	26 ft	VMP-30-30-073012	7/30/2012	<2.7	U		0.31	J		<0.8	U		<0.67	U		<0.59	U					1.2	J		<0.8	U	
		VMP-30-30-100812	10/8/2012	<2	U		1	J		<0.59	U		<0.49	U		<0.43	U					0.46	J		<0.59	U	
		VMP-30-30-020613	2/6/2013	<0.072	U		<0.052	U		<0.022	U		<0.018	U		<0.016	U		<0.046	U		0.037	J		<0.022	U	
		VMP-30-30-050613	5/6/2013	<0.13	U		<0.093	U		<0.039	U		<0.032	U		<0.028	U					<0.078	U		<0.039	U	
		VMP-30-30-081413	8/14/2013	<0.024	U		0.016	J		0.0048	J		0.0024	J		<0.0053	U					0.0029	J		0.0011	J	
		VMP-30-30-102813	10/28/2013	<0.084	U		<0.06	U		<0.025	U		<0.021	U		<0.018	U					<0.05	U		<0.025	U	
		VMP-30-30-021214	2/12/2014	<1.6	U		<1.1	U		<0.47	U		0.12	J		<0.35	U					<0.94	U	UJ	<0.47	U	
		VMP-30-30-042914	4/29/2014	<0.51	U		<0.36	U		<0.15	U		<0.13	U		<0.11	U					0.096	J		<0.15	U	
		VMP-30-30-042914-DUP	4/29/2014	<0.55	U		0.079	J		<0.16	U		<0.14	U		<0.12	U					0.12	J		<0.16	U	
		VMP-30-30-080814	8/8/2014	0.0046	J		0.035			0.0023	J		0.0019	J		<0.0049	U					0.015			<0.0067	U	
		VMP-30-30-110414	11/4/2014	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0043	U					0.012			<0.0058	U	
		VMP-30-30-020615	2/6/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.024			<0.0068	U	
		VMP-30-30-050515	5/5/2015	0.0049	J		0.038			<0.0063	U		0.0037	J		<0.0046	U					0.027			<0.0063	U	
		VMP-30-30-050515-DUP	5/5/2015	<0.023	U		0.042			<0.0068	J	U	0.0031	J		<0.005	U					0.032			<0.0068	U	
		VMP-30-30-072715	7/27/2015	0.011	J		0.018			0.01			0.005	J		<0.0053	U					0.014	J		<0.0072	U	
		VMP-30-30-103015	10/30/2015	0.019	J	J	0.0034	J		0.0027	J		<0.0049	U		<0.0043	U					0.026			<0.0059	U	
		VMP-30-30-012716	1/27/2016	0.0029	J		0.01	J		<0.0064	U		<0.0053	U		<0.0047	U					0.014			<0.0064	U	
		VMP-30-30-050216	5/2/2016	<0.025	U		0.0019	J		<0.0074	U		<0.0062	U		<0.0054	U					0.0018	J		<0.0074	U	
		VMP-30-30-072816	7/28/2016	<0.2	U		<0.14	U		<0.06	U		<0.05	U		<0.18	U					<0.12	U		<0.06	U	
		VMP-30-30-072816-DUP	7/28/2016	<0.16	U		<0.11	U		<0.047	U		<0.039	U		<0.14	U					<0.094	U		<0.047	U	
		VMP-30-26-110316	11/3/2016	<0.023	U		0.0067	J		0.0025	J		0.0028	J		<0.02	U		<0.014	U		0.0083	J		0.0035	J	
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	<0.016	U		0.0029	J		0.021			0.079			<0.0034	U					0.039			<0.0047	U	
		VMP-31-5-072012	7/20/2012	0.0016	J		<0.011	U		0.0022	J		0.017			<0.0034	U					0.021			0.00036	J	
		VMP-31-5-102612	10/26/2012	<0.023	U		0.2			0.026			0.09			<0.005	U					0.062		J	0.00077	J	
		VMP-31-5-021113	2/11/2013	<0.021	U		0.017			0.0022	J		0.0029	J		<0.0046	U		<0.014	U		0.064			0.0057	J	
		VMP-31-5-051513	5/15/2013	0.0017	J		0.012	J		<0.0072	U		<0.006	U		<0.0053	U					0.0094	J		<0.0072	U	
		VMP-31-5-022614	2/26/2014	<0.019	U		<0.013	U		<0.0056	J	U	<0.0047	U		<0.0041	U					0.0042	J		<0.0056	J	U
	10 ft	VMP-31-10-042512	4/25/2012	<0.021	U		0.13			0.019			0.072			<0.0046	U					0.033			<0.0063	J	U
		VMP-31-10-072612	7/26/2012	<0.016	U		<0.012	U		0.04			0.1			<0.0035	U					0.012			0.00094	J	
		VMP-31-10-102612	10/26/2012	<0.024	U		0.057			0.02			0.11			<0.0053	U					0.12		J	0.0012	J	
		VMP-31-10-021313	2/13/2013	<0.023	U		0.12			0.0026	J		0.0033	J		<0.0051	U		0.0038	J		<0.014	U		0.0042	J	
		VMP-31-10-051713	5/17/2013	<0.026	U		<0.019	U		<0.0079	U		<0.0066	U		<0.0058	U					0.0056	J		<0.0079	U	
		VMP-31-10-111313	11/13/2013	<0.02	U		0.0097	J		<0.0062	U		<0.0051	U		<0.0045	U					0.0072	J		<0.0062	U	
		VMP-31-10-022714	2/27/2014	<0.021	U		0.016			<0.0062	U		<0.0052	U		<0.0045	U					0.018			<0.0062	U	
	20 ft	VMP-31-20-101912	10/19/2012	<23	U		25			<6.8	U		<5.6	U		<5	U					<14	U		<6.8	U	
		VMP-31-20-021113	2/11/2013	<0.32	U		13			<0.097	U		<0.32	U		<0.071	U		<0.41	U		0.049	J		<0.097	U	
		VMP-31-20-111213	11/12/2013	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					0.0033	J		<0.0061	U	
	30 ft	VMP-31-30-042512	4/25/2012	<8	U		1100			0.66	J		<2	U		<1.8	U					<4.8	U		1.2	J	
		VMP-31-30-042512-Dup	4/25/2012	<8	U		1200			0.75	J		<2	U		<1.8	U					<4.8	U		1.3	J	
		VMP-31-30-072012	7/20/2012	<1.6	U		46			<0.47	U		<0.39	U		<0.34	U					<0.94	U		<0.47	U	
		VMP-31-30-101912	10/19/2012	<1.4	U		34			<0.42	U		<0.35	U		<0.31	U					<0.84	U		<0.42	U	
		VMP-31-30-021113	2/11/2013	<23	U		1400			<6.9	U		<23	U		<5.1	U		<30	U		<14	U		<6.9	U	
		VMP-31-30-050713	5/7/2013	<190	U		9200			<58	U		<49	U		<43	U					<120	U		<58	U	
		VMP-31-30-080913	8/9/2013	<0.026	U		0.005	J		<0.0077	U		<0.0064	U		<0.0057	U					<0.015	U		<0.0077	U	
		VMP-31-30-111213	11/12/2013	<0.02	U		0.026			<0.0061	U		<0.0051	U		<0.0045	U					0.0073	J		<0.0061	U	
		VMP-31-30-022614	2/26/2014	<100	ND,UJ	UJ	15000			<30	U		<25	U		<22	U					<60	U		<30	U	
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	<0.015	U		<0.011	U		0.026			0.11			<0.0034	U					0.1			<0.0046	J	U
		VMP-32-5-072012	7/20/2012	0.00074	J		<0.0099	U		0.00057	J		0.0029	J		<0.003	U					<0.0082	U		0.00058	J	
		VMP-32-5-101812	10/18/2012	<0.026	U		0.014	J		0.0015	J		<0.0065	U		<0.0058	U					0.0096	J		0.0009	J	
		VMP-32-5-020513	2/5/2013	<0.021	U		0.0023	J		<0.0062	U		<0.0052	U		<0.0045	U		<0.013	U		0.013			<0.0062	J	U
		VMP-32-5-050713	5/7/2013	<0.022	U		0.0023	J		<0.0067	U		<0.0056	U		<0.0049	U					0.0049	J		<0.0067	U	
		VMP-32-5-080213	8/2/2013	<0.026	U		<0.019	U		<0.0078	U		<0.0065	U		<0.0057	U					<0.016	U		<0.0078	U	
		VMP-32-5-110813	11/8/2013	<0.024	U		0.005	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0042	J		<0.0071	U	
		VMP-32-5-050114	5/1/2014	<0.018	U		0.022			<0.0055	U		<0.0046	U		<0.004	U					0.0095	J		<0.0055	U	
		VMP-32-5-081314	8/13/2014	<0.022	U		0.0019	J		<0.0067	U		<0.0056	U		<0.0049	U					0.0024	J		<0.0067	U	
		VMP-32-5-110714	11/7/2014	<0.021	U		0.024			<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-32-5-021015	2/10/2015	<0.017	U		0.011	J		<0.0051	U		<0.0042	U		<0.0037	U					0.0079	J		<0.0051	U	
		VMP-32-5-073115	7/31/2015	<0.023	U	UJ	<0.016	U	UJ	<0.0068	U	UJ	0.0018	J	J	<0.005	U	UJ				0.0056	J	J	<0.0068	U	UJ
		VMP-32-5-082415	8/24/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.0049	J		<0.0066	U	
		VMP-32-5-110415	11/4/2015	0.0018	J		0.0096	J		<0.0074	U		<0.0062	J	U	<0.0054	U					0.0085	J		<0.0074	U	
		VMP-32-5-012616	1/26/2016	<0.02	U		0.0023	J		<0.0061	U		<0.0051	J	U	<0.0045	U					0.0026	J		<0.0061	U	
		VMP-32-5-042716	4/27/2016	<0.022	U		0.021			0.0012	J		<0.0056	U		<0.0049	U					0.027			<0.0067	U	
		VMP-32-5-072616	7/26/2016	<0.024	U		0.0018	J		<0.0071	U		<0.0059	U		<0.021	U					0.0016	J		<0.0071	U	
		VMP-32-5-102716	10/27/2016	<0.02	U		0.011	J		<0.0059	U		<0.005	U		<0.017	U		<0.013	U		0.045			<0.0059	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	10 ft	VMP-32-10-041612	4/16/2012	<0.014	U		0.025			0.018			0.056			<0.0031	U					0.052			0.00054	J	
		VMP-32-10-072012	7/20/2012	0.0012	J		<0.012	U		<0.0048	U		0.0014	J		<0.0035	U					0.0046	J		0.00036	J	
		VMP-32-10-101812	10/18/2012	<0.024	U		0.02			<0.0073	U		<0.0061	U		<0.0053	U					0.0041	J		<0.0073	U	
		VMP-32-10-020513	2/5/2013	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U		<0.013	U		0.0089	J		<0.0062	U	
		VMP-32-10-050713	5/7/2013	<0.023	U		0.032			<0.0069	U		<0.0058	U		<0.0051	U					0.0045	J		<0.0069	J	U
		VMP-32-10-080213	8/2/2013	<0.022	U		0.025			<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-32-10-082313-R	8/23/2013	<0.024	U		0.082			<0.0072	U		<0.006	U		<0.0053	U					0.012	J		<0.0072	U	
		VMP-32-10-082313-R-DUP	8/23/2013	<0.026	U		0.14			<0.0078	U		<0.0065	U		<0.0057	U					<0.016	U		<0.0078	U	
		VMP-32-10-110813	11/8/2013	<0.023	U		0.0023	J		<0.0068	U		<0.0057	U		<0.005	U					0.0034	J		<0.0068	U	
		VMP-32-10-022814	2/28/2014	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					0.012			<0.0061	U	
		VMP-32-10-050114	5/1/2014	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.0039	U					0.0013	J		<0.0054	U	
		VMP-32-10-081314	8/13/2014	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.011	J		<0.0071	U	
		VMP-32-10-110714	11/7/2014	<0.02	U		0.0091	J		<0.0059	U		<0.005	U		<0.0044	U					0.003	J		<0.0059	U	
		VMP-32-10-021015	2/10/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0054	J		<0.006	U	
		VMP-32-10-051115	5/11/2015	<0.026	U	UJ	0.0016	J	J	<0.0078	U	UJ	0.0011	J	J	<0.0057	U	UJ				0.0016	J	J	<0.0078	U	UJ
		VMP-32-10-052915-R	5/29/2015	<0.023	U		0.018			<0.0069	U		0.00094	J		<0.0051	U					0.0016	J		<0.0069	U	
		VMP-32-10-110415	11/4/2015	0.00086	J		0.0043	J		<0.0066	U		0.0012	J		<0.0048	U					0.01	J		<0.0066	U	
		VMP-32-10-012616	1/26/2016	<0.021	U		0.0031	J		<0.0064	U		<0.0054	U		<0.0047	U					0.012	J		<0.0064	U	
		VMP-32-10-042716	4/27/2016	<0.02	U		0.0058	J		<0.0061	U		<0.0051	U		<0.0045	U					0.012	J		<0.0061	U	
		VMP-32-10-072616	7/26/2016	<0.021	U		0.014	J		0.0014	J		<0.0054	U		<0.019	U					0.013			0.0032	J	
		VMP-32-10-102716	10/27/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.014	U		0.0066	J		<0.0064	U	
	20 ft	VMP-32-20-041612	4/16/2012	<0.32	U		0.24			0.016	J		0.079	J		<0.071	UJ	UJ				0.38			0.014	J	
		VMP-32-20-072012	7/20/2012	0.0011	J		<0.011	U		<0.0047	U		0.0014	J		<0.0034	U					<0.0094	U		0.00037	J	
		VMP-32-20-101812	10/18/2012	<0.023	U		0.0033	J		0.0043	J		0.012			<0.005	U					0.0048	J		0.0007	J	
		VMP-32-20-020513	2/5/2013	<0.023	U		<0.017	U		<0.0069	U		0.0033	J		<0.0051	U		<0.015	U		0.0064	J		<0.0069	U	
		VMP-32-20-050713	5/7/2013	<0.025	U		0.0028	J		<0.0076	U		<0.0063	U		<0.0056	U					0.0052	J		<0.0076	U	
		VMP-32-20-050713-Dup	5/7/2013	<0.023	U		0.0033	J		<0.007	U		<0.0058	U		<0.0051	U					<0.014	U		<0.007	U	
		VMP-32-20-080213	8/2/2013	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					<0.015	U		<0.0073	U	
		VMP-32-20-110813	11/8/2013	<0.024	U		0.0031	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0048	J		<0.0071	U	
		VMP-32-20-022814	2/28/2014	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.0042	U					0.017			<0.0057	U	
		VMP-32-20-050514	5/5/2014	<0.019	U		0.0088	J		<0.0057	U		0.0018	J		<0.0042	U					0.0055	J		<0.0057	U	
		VMP-32-20-081314	8/13/2014	<0.022	U		0.0024	J		<0.0065	U		<0.0054	U		<0.0048	U					0.017			<0.0065	U	
		VMP-32-20-110714	11/7/2014	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-32-20-021015	2/10/2015	<0.022	U		0.0044	J		<0.0067	U		<0.0056	U		<0.0049	U					0.0064	J		<0.0067	U	
		VMP-32-20-051115	5/11/2015	0.0012	J		<0.016	U		<0.0066	U		0.001	J		<0.0048	U					0.0038	J		<0.0066	U	
		VMP-32-20-080315	8/3/2015	<0.022	U		0.0042	J		<0.0066	U		<0.0055	U		<0.0049	U					<0.013	U		<0.0066	U	
		VMP-32-20-110415	11/4/2015	0.0014	J		0.014	J		<0.0065	U		<0.0054	J	U	<0.0048	U					0.0092	J		<0.0065	U	
		VMP-32-20-110415-DUP	11/4/2015	<0.023	U		0.012	J		<0.007	U		<0.0058	J	U	<0.0052	U					0.028			<0.007	U	
		VMP-32-20-021616	2/16/2016	0.00074	J		0.0018	J		<0.0056	U		<0.0047	U		<0.0041	U					0.031			<0.0056	U	
		VMP-32-20-042716	4/27/2016	<0.023	U		0.035			<0.0069	U		<0.0057	U		<0.005	U					0.18			<0.0069	U	
		VMP-32-20-082616-R	8/29/2016	<0.028	U		<0.02	U		<0.0085	U		<0.0071	U		<0.025	U					0.047			<0.0085	U	
		VMP-32-20-102716	10/27/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		<0.012	U		<0.0062	U	
	30 ft	VMP-32-30-041612	4/16/2012	<7.7	U		3700			0.49	J		<1.9	U		<1.7	U					<4.6	U		0.51	J	
		VMP-32-30-072012	7/20/2012	<16	U		1500			<4.7	U		<4	U		<3.5	U					<9.5	U		<4.7	U	
		VMP-32-30-101812	10/18/2012	<0.9	U		1.7			<0.27	U		<0.22	U		<0.2	U					<0.54	U		<0.27	U	
		VMP-32-30-020513	2/5/2013	<0.92	U		0.18	J		<0.28	U		<0.92	U		<0.2	U		<1.2	U		<0.56	U		<0.28	U	
		VMP-32-30-050713	5/7/2013	<24	U		730			3.8	J		<5.9	U		<5.2	U					4.1	J		4.2	J	
		VMP-32-30-080213	8/2/2013	<3.7	U		150			0.31	J		<0.92	U		<0.81	U					<2.2	U		<1.1	U	
		VMP-32-30-110813	11/8/2013	<1.2	U		16			<0.35	U		<0.29	U		<0.26	U					<0.71	U		<0.35	U	
		VMP-32-30-022814	2/28/2014	<0.019	U		0.085		J	<0.0057	U		<0.0048	U		<0.0042	U					0.039		J	<0.0057	U	
		VMP-32-30-022814-Dup	2/28/2014	<0.022	U		0.12		J	<0.0066	U		<0.0055	U		<0.0048	U					0.0063	J	J	<0.0066	U	
		VMP-32-30-050114	5/1/2014	<2.5	U		340			<0.76	U		<0.63	U		<0.56	U					<1.5	U		<0.76	U	
		VMP-32-30-081314	8/13/2014	<0.024	U		0.45		J	<0.0071	U		<0.0059	U		<0.0052	U					0.012	J		<0.0071	J	U
		VMP-32-30-081314-DUP	8/13/2014	<0.022	U		0.58		J	<0.0065	U		<0.0054	U		<0.0048	U					0.0074	J		<0.0065	J	U
		VMP-32-30-110714	11/7/2014	<0.043	U		0.42			<0.013	U		<0.011	U		<0.0095	U					<0.026	U		0.0071	J	
		VMP-32-30-110714-DUP	11/7/2014	<0.048	U		0.38			<0.014	U		<0.012	U		<0.011	U					<0.029	U		0.012	J	
		VMP-32-30-021015	2/10/2015	<0.021	U		0.051			<0.0062	U		<0.0052	U		<0.0045	U					0.0032	J		<0.0062	U	
		VMP-32-30-050515	5/5/2015	<0.022	U		0.0022	J		<0.0065	U		<0.0054	U		<0.0048	U					0.012	J		<0.0065	U	
		VMP-32-30-073115	7/31/2015	0.0044	J	J	0.0043	J	J	0.0013	J	J	0.002	J	J	<0.005	U	UJ				0.0076	J	J	0.0038	J	J
		VMP-32-30-073115-DUP	7/31/2015	<0.025	U	UJ	<0.018	U	UJ	0.00094	J	J	0.0018	J	J	<0.0056	U	UJ				<0.015	U	UJ	0.0028	J	J
		VMP-32-30-082415	8/24/2015	<0.023	U		0.0053	J		<0.0069	U		<0.0057	U		<0.005	U					<0.014	U		<0.0069	U	
		VMP-32-30-082415-DUP	8/24/2015	<0.022	U		0.0059	J		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-32-30-110415	11/4/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0052	U					0.0038	J		<0.0072	U	
		VMP-32-30-020216	2/2/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.013			<0.0063	U	
		VMP-32-30-042716	4/27/2016	<0.024	U		0.016	J		<0.0071	U		<0.0059	U		<0.0052	U					0.02			<0.0071	U	
		VMP-32-30-072616	7/26/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U					<0.014	U		<0.0069	U	
		VMP-32-30-102716	10/27/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		<0.013	U		<0.0065	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	0.0028	J		0.12			0.04			0.16			<0.0044	U					0.055			0.00096	J	
		VMP-41-10-100912	10/9/2012	<0.024	U		<0.017	U		0.021			0.1			<0.0053	U					0.035			<0.0073	U	
		VMP-41-10-012913	1/29/2013	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U		<0.016	U	UJ	0.01	J		<0.0073	U	
		VMP-41-10-043013	4/30/2013	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-41-10-080213	8/2/2013	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-41-10-102913	10/29/2013	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.0068	J	J	<0.0066	U	
		VMP-41-10-021114	2/11/2014	<0.018	U		<0.013	U		<0.0053	U		<0.0044	U		<0.0039	U					<0.011	U		<0.0053	U	
		VMP-41-10-042214	4/22/2014	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U	UJ	<0.0066	U	
		VMP-41-10-073114	7/31/2014	<0.021	U		0.0044	J		<0.0064	U		<0.0054	U		<0.0047	U					0.003	J		<0.0064	U	
		VMP-41-10-102814	10/28/2014	<0.02	U		0.013	J		<0.0061	J	U	0.006			<0.0045	U					0.017			<0.0061	U	
		VMP-41-10-020415	2/4/2015	<0.02	U		0.0022	J		<0.0059	U		<0.005	U		<0.0044	U					0.013			<0.0059	J	U
		VMP-41-10-020415-DUP	2/4/2015	<0.02	U		0.0017	J		<0.006	U		<0.005	U		<0.0044	U					0.012			<0.006	U	
		VMP-41-10-043015	4/30/2015	0.0035	J		<0.017	U		<0.0072	U		0.0049	J		<0.0053	U					0.042			<0.0072	U	
		VMP-41-10-072815	7/28/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0097	J		<0.0067	U	
		VMP-41-10-110215	11/2/2015	<0.022	U		0.0065	J		<0.0065	U		<0.0054	U		<0.0048	U					0.032			<0.0065	U	
		VMP-41-10-012716	1/27/2016	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0041	J		<0.006	U	
		VMP-41-10-050216	5/2/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0028	J		<0.0063	U	
		VMP-41-10-072816	7/28/2016	<0.02	U		0.015			<0.0059	U		<0.005	U		<0.017	U					0.067			<0.0059	U	
		VMP-41-10-102416	10/24/2016	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.022	U		<0.016	U		<0.015	U		<0.0074	U	
	20 ft	VMP-41-20-072712	7/27/2012	0.0017	J		<0.011	U		0.025			0.089			<0.0034	U					0.03			0.00039	J	
		VMP-41-20-072712-Dup	7/27/2012	0.0014	J		<0.011	U		0.025			0.09			<0.0034	U					0.029			0.00044	J	
		VMP-41-20-100912	10/9/2012	0.0014	J		<0.017	U		0.019			0.079			<0.0052	U					0.02			<0.0071	U	
		VMP-41-20-100912-Dup	10/9/2012	<0.024	U		<0.017	U		0.021			0.084			<0.0053	U					0.019			<0.0073	J	U
		VMP-41-20-012913	1/29/2013	<0.025	U		0.0076	J		<0.0074	U		<0.0062	U		<0.0055	U		<0.016	U	UJ	0.01	J		<0.0074	U	
		VMP-41-20-043013	4/30/2013	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-41-20-043013-Dup	4/30/2013	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					<0.014	U		<0.007	U	
		VMP-41-20-080213	8/2/2013	<0.023	U		0.016	J		<0.0069	U		<0.0058	U		<0.0051	U					<0.014	U		<0.0069	U	
		VMP-41-20-102913	10/29/2013	<0.023	U		0.0037	J		0.00021	J		<0.0057	U		<0.005	U					0.011	J		<0.0068	J	U
		VMP-41-20-021114	2/11/2014	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.0039	U					<0.011	U		<0.0054	U	
		VMP-41-20-042214	4/22/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U	UJ	<0.0065	U	
		VMP-41-20-073114	7/31/2014	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					0.002	J		<0.0069	U	
		VMP-41-20-102814	10/28/2014	<0.022	U		0.022			<0.0065	J	U	0.007			<0.0048	U					0.016			<0.0065	U	
		VMP-41-20-020415	2/4/2015	<0.021	U		0.002	J		<0.0062	U		<0.0052	U		<0.0045	U					0.0069	J		<0.0062	U	
		VMP-41-20-043015	4/30/2015	<0.51	U		<0.37	U		<0.15	U		<0.13	U		<0.11	U					0.087	J		<0.15	U	
		VMP-41-20-072815	7/28/2015	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.0036	J		<0.0071	U	
		VMP-41-20-110215	11/3/2015	0.0012	J		<0.016	U		<0.0068	U		0.00096	J		<0.005	U					0.049			<0.0068	U	
		VMP-41-20-012716	1/27/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U		<0.0065	U	
		VMP-41-20-050216	5/2/2016	0.0022	J		0.0043	J		<0.0058	U		<0.0048	U		<0.0042	U					0.0062	J		<0.0058	U	
		VMP-41-20-072816	7/28/2016	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.021	U					0.0054	J		<0.0073	U	
		VMP-41-20-102416	10/24/2016	0.0027	J		<0.014	U		<0.0058	U		0.0024	J		<0.017	U		<0.012	U		<0.012	J	U	<0.0058	U	
	26 ft	VMP-41-30-100912	10/9/2012	<0.025	U		<0.018	U		0.013			0.041			<0.0056	U					0.0093	J		<0.0076	U	
		VMP-41-30-012913	1/29/2013	<0.023	U		0.0056	J		<0.0069	U		<0.0058	U		<0.0051	U		<0.015	U	UJ	0.013	J		<0.0069	U	
		VMP-41-30-043013	4/30/2013	<0.023	U		0.058			<0.007	U		<0.0058	U		<0.0051	U					<0.014	U		<0.007	J	U
		VMP-41-30-080213	8/2/2013	<0.025	U		<0.018	U		0.0012	J		<0.0062	U		<0.0054	U					<0.015	U		0.0031	J	
		VMP-41-30-102913	10/29/2013	<0.022	U		0.0031	J		<0.0066	U		<0.0055	U		<0.0049	U					0.005	J		<0.0066	U	
		VMP-41-30-021114	2/11/2014	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.0042	U					<0.011	U		<0.0057	U	
		VMP-41-30-021114-Dup	2/11/2014	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0043	U					0.0072	J		<0.0058	U	
		VMP-41-30-042214	4/22/2014	0.0046	J		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U	UJ	<0.0066	U	
		VMP-41-30-073114	7/31/2014	<0.023	U		0.0023	J		<0.007	U		<0.0058	U		<0.0051	U					0.0015	J		<0.007	U	
		VMP-41-30-102814	10/28/2014	<0.02	U		0.014			<0.0059	J	U	0.0066			<0.0043	U					0.018			<0.0059	U	
		VMP-41-30-020415	2/4/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.004	J		<0.0063	U	
		VMP-41-30-043015	4/30/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	J	U	<0.0048	U					0.0058	J		<0.0065	U	
		VMP-41-30-043015-DUP	4/30/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	J	U	<0.0049	U					0.0041	J		<0.0067	U	
		VMP-41-30-110215	11/2/2015	<0.022	U		0.0038	J		<0.0066	U		<0.0055	U		<0.0048	U					0.02			<0.0066	U	
		VMP-41-30-110215-DUP	11/2/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	J	U	<0.0048	U					0.013			<0.0066	U	
		VMP-41-30-012716	1/27/2016	<0.022	U		0.0031	J		<0.0065	U		<0.0054	U		<0.0047	U					0.0043	J		<0.0065	U	
		VMP-41-30-012716-DUP	1/27/2016	<0.021	U		0.0035	J		<0.0062	U		<0.0052	U		<0.0046	U					0.003	J		<0.0062	U	
		VMP-41-30-050216	5/2/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0017	J		<0.0065	U	
		VMP-41-30-072816	7/28/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U					0.043		J	<0.0068	U	
		VMP-41-30-072816-DUP	7/28/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U					0.011	J	J	<0.0069	U	
		VMP-41-26-102416	10/24/2016	<0.019	U		0.014			<0.0058	U		<0.0049	U		<0.017	U		<0.012	U		0.028			<0.0058	U	
		VMP-41-30-072712	7/27/2012	0.0039	J		0.039			0.011			0.1			<0.0034	U					0.036			0.00072	J	
		VMP-41-30-072815	7/28/2015	<0.026	U		<0.019	U		<0.0078	U		<0.0065	U		<0.0057	U					<0.016	U		<0.0078	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	<0.014	U		0.036			0.026			0.2			<0.0031	UJ	UJ				0.04			0.0006	J	
		VMP-42-10-041812-Dup	4/18/2012	<0.014	U		0.024			0.025			0.2			<0.0032	UJ	UJ				0.034			0.00055	J	
		VMP-42-10-071912	7/19/2012	0.0027	J		0.016			0.026			0.14			<0.0034	U					0.077			<0.0047	J	U
		VMP-42-10-101212	10/12/2012	<0.025	U		<0.018	U		0.0044	J		0.06			<0.0056	U					0.026			<0.0076	U	
		VMP-42-10-013113	1/31/2013	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U		<0.015	U		0.0023	J		<0.0069	U	
		VMP-42-10-043013	4/30/2013	<0.025	U		0.0042	J		<0.0075	U		0.0018	J		<0.0055	U					0.0035	J		<0.0075	U	
		VMP-42-20-043013	4/30/2013	<0.025	U		<0.018	U		<0.0075	U		<0.0063	U		<0.0055	U					0.0041	J		<0.0075	U	
		VMP-42-10-080213	8/2/2013	<0.025	U		0.02			<0.0075	U		<0.0063	U		<0.0055	U					<0.015	U		<0.0075	U	
		VMP-42-10-102913	10/29/2013	<0.022	U		0.0048	J		0.00039	J		0.00094	J		<0.0049	U					0.013	J		0.00053	J	
		VMP-42-10-020714	2/7/2014	<0.02	U		0.0024	J		<0.0059	U		<0.0049	U		<0.0043	U	UJ				<0.012	U		<0.0059	U	
		VMP-42-10-042214	4/22/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U	UJ	<0.0062	U	
		VMP-42-10-080614	8/6/2014	<0.02	U		0.0075	J		<0.0061	J	U	<0.0051	U		<0.0045	U					0.0061	J		<0.0061	J	U
		VMP-42-10-110414	11/4/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.015			<0.0065	U	
		VMP-42-10-020315	2/3/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					<0.012	J	U	<0.0063	U	
		VMP-42-10-042915	4/29/2015	<0.02	U		<0.015	U		<0.0062	U		<0.0051	J	U	<0.0045	U					0.0014	J		<0.0062	U	
		VMP-42-10-072115	7/21/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.011	J		<0.0065	U	
		VMP-42-10-102715	10/27/2015	<0.02	U		0.002	J		<0.006	U		<0.005	U		<0.0044	U					<0.012	J	UJ	<0.006	U	
		VMP-42-10-020116	2/1/2016	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.0043	U					0.0055	J		<0.0058	U	
		VMP-42-10-042616	4/26/2016	<0.023	U		0.071			<0.0069	U		<0.0058	U		<0.0051	U					0.0024	J		<0.0069	U	
		VMP-42-10-072616	7/26/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					0.0099	J		<0.0072	U	
		VMP-42-10-102716	10/27/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.018	U		<0.013	U		0.011	J		<0.0063	U	
	20 ft	VMP-42-20-041812	4/18/2012	<7.3	U		340			<2.2	U		<1.8	U		<1.6	UJ	UJ				6.2			<2.2	U	
		VMP-42-20-071912	7/19/2012	<0.015	U		0.022			0.022			0.11			<0.0034	U					0.057			<0.0046	J	U
		VMP-42-20-101212	10/12/2012	<0.022	U		0.0035	J		<0.0067	U		0.0054	J		<0.0049	U					0.009	J		<0.0067	U	
		VMP-42-20-101212-Dup	10/12/2012	<0.023	U		0.03			<0.0068	U		0.0054	J		<0.005	U					0.014			<0.0068	U	
		VMP-42-20-013113	1/31/2013	<0.021	U		0.0051	J		<0.0063	U		<0.0053	U		<0.0046	U		<0.014	U		0.0026	J		<0.0063	U	
		VMP-42-20-080213	8/2/2013	<0.023	U		<0.016	U		<0.0069	U		<0.0057	U		<0.005	U					<0.014	U		<0.0069	U	
		VMP-42-20-102913	10/29/2013	<0.022	U		0.0056	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0092	J		<0.0065	U	
		VMP-42-20-020714	2/7/2014	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.0045	U	UJ				<0.012	U		<0.0062	U	
		VMP-42-20-042214	4/22/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U	UJ	<0.0065	U	
		VMP-42-20-080614	8/6/2014	<0.021	U		<0.015	U		<0.0064	J	U	<0.0053	U		<0.0047	U					0.0079	J		<0.0064	J	U
		VMP-42-20-110414	11/4/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					<0.012	U		<0.0063	U	
		VMP-42-20-020315	2/3/2015	0.0049	J		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	J	U	<0.0071	U	
		VMP-42-20-042915	4/29/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	J	U	<0.0053	U					0.002	J		<0.0072	U	
		VMP-42-20-072115	7/21/2015	0.0018	J	J	<0.015	J	U	<0.0063	U		<0.0053	U		<0.0046	U					<0.013	J	U	0.00076	J	
		VMP-42-20-102715	10/27/2015	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.0055	U					0.014	J	J	<0.0075	U	
		VMP-42-20-020116	2/1/2016	<0.022	U		0.0037	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0048	J		<0.0065	U	
		VMP-42-20-042616	4/26/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0047	J		<0.0069	U	
		VMP-42-20-072616	7/26/2016	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.021	U					0.014	J		<0.0073	U	
		VMP-42-20-102676	10/27/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.014	U		0.01	J		<0.0066	U	
	30 ft	VMP-42-30-041912	4/19/2012	<15	U		1700			<4.6	U		<3.8	U		<3.4	U					<9.2	U		<4.6	U	
		VMP-42-30-071912	7/19/2012	<0.014	U		55			0.036		J	0.2		J	<0.0032	U					0.072		J	<0.0043	J	U
		VMP-42-30-101212	10/12/2012	<0.024	U		0.42			<0.0071	U		0.0094			<0.0052	U					0.008	J		<0.0071	U	
		VMP-42-30-101212-Dup	10/12/2012	<0.024	U		0.4			<0.0071	U		0.01			<0.0052	U					0.0045	J		<0.0071	U	
		VMP-42-30-013113	1/31/2013	<0.023	U		0.1			<0.0068	U		<0.0056	U		<0.005	U		<0.014	U		0.0014	J		<0.0068	U	
		VMP-42-30-043013	4/30/2013	<0.023	U		0.043			<0.0068	U		0.0013	J		<0.005	U					<0.014	U		<0.0068	U	
		VMP-42-30-080213	8/2/2013	<0.024	U		0.039			<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-42-30-102913	10/29/2013	<0.022	U		0.016	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0026	J		<0.0066	U	
		VMP-42-30-102913-Dup	10/29/2013	<0.022	U		0.017			<0.0065	U		<0.0054	U		<0.0048	U					0.0082	J		<0.0065	U	
		VMP-42-30-020714	2/7/2014	<0.018	U		0.022			<0.0055	U		<0.0046	U		<0.004	U	UJ				0.0049	J		<0.0055	U	
		VMP-42-30-020714-Dup	2/7/2014	<0.019	U		0.02			<0.0056	U		<0.0047	U		<0.0041	U	UJ				0.0056	J		<0.0056	U	
		VMP-42-30-042214	4/22/2014	<0.021	U		0.012	J		<0.0062	U		<0.0052	U		<0.0045	U					0.02		J	<0.0062	U	
		VMP-42-30-042214-Dup	4/22/2014	<0.02	U		0.0053	J		<0.0061	U		<0.005	U		<0.0044	U					0.0052	J	J	<0.0061	U	
		VMP-42-30-080614	8/6/2014	<0.022	U		0.007	J		<0.0066	J	U	<0.0055	U		<0.0048	U					0.0056	J		<0.0066	U	
		VMP-42-30-110414	11/4/2014	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					0.0034	J		<0.0059	U	
		VMP-42-30-020315	2/3/2015	<0.023	U		0.003	J		<0.0069	U		<0.0057	U		<0.005	U					<0.014	J	U	<0.0069	U	
		VMP-42-30-042915	4/29/2015	0.00099	J		0.0014	J		<0.0062	U		0.002	J		<0.0045	U					0.0027	J		<0.0062	U	
		VMP-42-30-080315	8/3/2015	<0.022	U		<0.016	U		<0.0066	U		0.0021	J		<0.0048	U					0.0072	J		<0.0066	U	
		VMP-42-30-080315-DUP	8/3/2015	<0.021	ND,UJ	UJ	<0.015	U		0.00061	J		0.0022	J		<0.0047	U					0.009	J		<0.0064	U	
		VMP-42-30-102715	10/27/2015	<0.021	U		0.0025	J		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	J	UJ	<0.0062	U	
		VMP-42-30-020116	2/1/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.0029	J		<0.0066	U	
		VMP-42-30-042616	4/26/2016	<0.026	U		<0.019	U		<0.0078	U		<0.0065	U		<0.0058	U					0.022			<0.0078	U	
		VMP-42-30-072616	7/26/2016	<0.021	U		0.0089	J		<0.0062	U		<0.0052	U		<0.018	U					0.025			<0.0062	U	
		VMP-42-30-102716	10/27/2016	<0.022	U		0.011	J		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.041			<0.0065	U	
		VMP-42-30-102716-Dup	10/27/2016	<0.041	U		<0.03	U		<0.012	U		<0.01	U		<0.036	U		<0.026	U		0.015	J		<0.012	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	0.0035	J		0.02			0.029			0.22			<0.0035	UJ	UJ				0.063			0.00071	J	
		VMP-43-10-071912	7/19/2012	0.0039	J		0.014	J		0.03			0.14			<0.0067	U					0.052			0.0017	J	
		VMP-43-10-101612	10/16/2012	<0.026	U		0.0017	J		0.0042	J		0.0089			<0.0058	U					0.11			<0.0078	U	
		VMP-43-10-051713	5/17/2013	<0.025	U		0.36			<0.0075	U		<0.0063	U		<0.0055	U					0.011	J		<0.0075	U	
		VMP-43-10-080913	8/9/2013	<0.026	U		<0.019	U		<0.0078	U		<0.0065	U		<0.0057	U					0.0035	J		<0.0078	U	
		VMP-43-10-111313	11/13/2013	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					<0.012	U		<0.0063	U	
		VMP-43-10-022714	2/27/2014	<0.02	U		0.0019	J		<0.0059	U		<0.005	U		<0.0044	U					0.019			<0.0059	U	
		VMP-43-10-050514	5/5/2014	<0.024	U		0.0065	J		<0.0073	U		0.0011	J		<0.0053	U					0.0083	J		<0.0073	U	
		VMP-43-10-080614	8/6/2014	<0.021	U	UJ	0.0044	J	J	<0.0064	J	UJ	<0.0054	U	UJ	<0.0047	U	UJ				0.01	J	J	<0.0064	J	UJ
		VMP-43-10-021015	2/10/2015	<0.018	U		<0.013	U		<0.0054	U		<0.0045	U		<0.004	U					0.0064	J		<0.0054	U	
		VMP-43-10-050515	5/5/2015	<0.023	U		0.0029	J		<0.0069	U		0.0043	J		<0.0051	U					0.038			<0.0069	U	
		VMP-43-10-072115	7/21/2015	<0.022	U		0.0064	J		<0.0067	U		<0.0056	U		<0.0049	U					0.012	J		<0.0067	U	
		VMP-43-10-102915	10/29/2015	<0.025	U		0.0036	J		<0.0076	U		<0.0063	U		<0.0056	U					0.0054	J		<0.0076	U	
		VMP-43-10-020116	2/1/2016	<0.024	U		0.0033	J		<0.0073	U		<0.0061	U		<0.0053	U					0.0031	J		<0.0073	U	
		VMP-43-10-042716	4/27/2016	0.0036	J		0.023			<0.0073	U		<0.0061	U		<0.0053	U					0.01	J		<0.0073	U	
		VMP-43-10-072716	7/27/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U					0.0098	J		<0.0063	U	
		VMP-43-10-102616	10/26/2016	<0.019	U		0.0076	J		<0.0056	J	U	0.004	J		<0.016	U		0.00061	J	J	0.033			<0.0056	J	U
	20 ft	VMP-43-20-041612	4/16/2012	<0.16	U		21			0.021	J		0.068			<0.034	U					0.051	J		0.0061	J	
		VMP-43-20-071912	7/19/2012	<0.056	U		0.69			0.027			0.14			<0.012	U					0.1			<0.017	U	
		VMP-43-20-101812	10/18/2012	<0.022	U		0.034			0.0038	J		0.0072			<0.0048	U					0.022			<0.0065	U	
		VMP-43-20-012413	1/24/2013	<0.022	U		0.004	J		<0.0065	U		0.0018	J		<0.0048	U		<0.014	U		0.0035	J		<0.0065	U	
		VMP-43-20-043013	4/30/2013	<0.026	U		0.0087	J		<0.0078	U		0.0024	J		<0.0057	U					0.016			<0.0078	U	
		VMP-43-20-080913	8/9/2013	<0.025	U		0.011	J		<0.0076	U		<0.0063	U		<0.0056	U					0.016			<0.0076	U	
		VMP-43-20-102913	10/29/2013	<0.021	U		0.014	J		<0.0064	U		0.00037	J		<0.0047	U					0.02			<0.0064	U	
		VMP-43-20-022714	2/27/2014	<0.022	U		<0.016	U		0.0047	J		<0.0054	U		<0.0048	U					0.053			0.0035	J	
		VMP-43-20-081314	8/13/2014	0.0032	J		0.004	J		<0.0073	U		<0.0061	U		<0.0054	U					0.0039	J		<0.0073	U	
		VMP-43-20-110614	11/6/2014	0.0051	J		0.005	J		<0.0061	U		<0.005	U		<0.0044	U					0.015			<0.0061	U	
		VMP-43-20-021215	2/12/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0032	J		<0.006	U	
		VMP-43-20-021215-DUP	2/12/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0025	J		<0.006	U	
		VMP-43-20-050515	5/5/2015	<0.022	U		0.0017	J		<0.0066	U		<0.0055	U		<0.0049	U					0.0033	J		<0.0066	U	
		VMP-43-20-072115	7/21/2015	0.0041	J		<0.02	U		0.001	J		0.0018	J		<0.006	U					0.0091	J		<0.0082	U	
		VMP-43-20-102915	10/29/2015	0.0024	J	J	0.0042	J		<0.0059	U		<0.0049	U		<0.0043	U					0.011	J		<0.0059	U	
		VMP-43-20-102915-DUP	10/29/2015	<0.019	U		<0.014	U		<0.0058	U		0.0012	J		<0.0043	U					0.013			<0.0058	U	
		VMP-43-20-020116	2/1/2016	<0.034	U		0.012	J		<0.01	U		<0.0086	U		<0.0076	U					0.014	J		<0.01	U	
		VMP-43-20-042716	4/27/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	J	U	<0.0066	U	
		VMP-43-20-072716	7/27/2016	0.0022	J		0.0046	J		0.0019	J		<0.006	U		<0.021	U					0.018			<0.0072	U	
		VMP-43-20-102616	10/26/2016	<0.021	U		0.0038	J		<0.0064	U		<0.0054	U		<0.019	U		<0.014	U		0.0036	J		<0.0064	J	U
	30 ft	VMP-43-30-042312	4/23/2012	<0.14	U		0.14			0.02	J		0.12			<0.032	U					0.042	J		<0.043	U	
		VMP-43-30-071912	7/19/2012	0.0036	J		0.02			0.016			0.087			<0.0034	U					0.066			0.0016	J	
		VMP-43-30-101812	10/18/2012	<0.023	U		0.032			0.00086	J		0.002	J		<0.005	U					0.0051	J		<0.0068	U	
		VMP-43-30-012413	1/24/2013	<0.022	U		0.0048	J		<0.0066	U		<0.0055	U		<0.0048	U		<0.014	U		0.016			<0.0066	U	
		VMP-43-30-043013	4/30/2013	<0.025	U		<0.018	U		<0.0075	U		0.0052	J		<0.0055	U					<0.015	U		<0.0075	U	
		VMP-43-30-080913	8/9/2013	<0.025	U		<0.018	U		<0.0074	U		0.0018	J		<0.0054	U					<0.015	U		<0.0074	U	
		VMP-43-30-102913	10/29/2013	<0.02	U		0.014	J		0.00024	J		0.00051	J		<0.0044	U					0.056			<0.006	U	
		VMP-43-30-022714	2/27/2014	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					0.13		J	<0.0059	U	
		VMP-43-30-022714-Dup	2/27/2014	<0.019	U		0.0029	J		<0.0058	U		<0.0049	U		<0.0043	U					0.26		J	<0.0058	U	
		VMP-43-30-042214	4/22/2014	<0.023	U		0.0047	J		<0.0068	U		<0.0056	U		<0.005	U					0.0045	J	J	<0.0068	U	
		VMP-43-30-080614	8/6/2014	0.0037	J		0.0031	J		<0.0072	J	U	<0.006	U		<0.0053	U					0.008	J		<0.0072	U	
		VMP-43-30-050515	5/5/2015	<0.024	U		0.0074	J		<0.0074	J	U	0.0036	J		<0.0054	U					0.011	J		<0.0074	J	U
		VMP-43-30-050515-DUP	5/5/2015	<0.021	U		<0.015	U		<0.0064	U		0.0021	J		<0.0047	U					0.0071	J		<0.0064	U	
		VMP-43-30-072115	7/21/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0077	J		<0.0067	U	
		VMP-43-30-102915	10/29/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0035	J		<0.006	U	
		VMP-43-30-020116	2/1/2016	<0.023	U		0.0046	J		<0.0068	U		<0.0056	U		<0.005	U					0.011	J		<0.0068	U	
		VMP-43-30-042716	4/27/2016	0.0012	J		0.0025	J		<0.0076	U		<0.0064	U		<0.0056	U					0.0023	J		<0.0076	U	
		VMP-43-30-042716-DUP	4/27/2016	0.002	J		0.011	J		<0.0069	U		<0.0058	U		<0.0051	U					0.0041	J		<0.0069	U	
		VMP-43-30-072716	7/27/2016	0.0012	J		<0.017	U		<0.007	U		<0.0058	U		<0.02	U					0.0065	J		<0.007	U	
		VMP-43-30-102616	10/26/2016	<0.021	U		0.0058	J		<0.0063	U		<0.0053	U		<0.019	U		<0.014	U		0.021			<0.0063	J	U
		VMP-43-30-102616-Dup	10/26/2016	<0.022	U		0.0061	J		<0.0067	U		<0.0056	U		<0.02	U		<0.014	U		0.013	J		<0.0067	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	<7.5	U		610			<2.2	U		<1.9	U		<1.6	U					<4.5	U		<2.2	U	
		VMP-44-10-072012	7/20/2012	<2.5	U		300		J	<0.75	U		<0.63	U		<0.55	U					<1.5	U		<0.75	U	
		VMP-44-10-081012	8/10/2012	<1.5	U		250		J	0.076	J	J	<0.37	U		<0.33	U					<0.9	U		<0.45	U	
		VMP-44-10-101212	10/12/2012	<4.6	U		11			<1.4	U		<1.2	U		0.5	J					<2.8	U		<1.4	U	
		VMP-44-10-012513	1/25/2013	<1.9	U		8.4			<0.56	U		<0.47	U		<0.41	U		<2.4	U		0.093	J		<0.56	U	
		VMP-44-10-042913	4/29/2013	<1.7	U		<1.2	U		<0.52	U		<0.43	U		<0.38	U					<1	U		<0.52	U	
		VMP-44-10-080213	8/2/2013	<0.024	U		0.0095	J		0.0012	J		<0.006	U		<0.0053	U					<0.014	U		0.00096	J	
		VMP-44-10-082313-R	8/23/2013	<0.025	U		0.17			<0.0076	U		<0.0063	U		<0.0056	U					<0.015	U		<0.0076	U	
		VMP-44-10-111113	11/11/2013	<0.021	U		0.013	J		<0.0063	U		<0.0053	U		<0.0046	U					0.0035	J		<0.0063	U	
		VMP-44-10-022814	2/28/2014	<0.02	U		0.015			<0.0061	U		<0.005	U		<0.0044	U					0.0072	J		<0.0061	U	
		VMP-44-10-043014	4/30/2014	<0.019	U		0.0031	J		<0.0056	U		<0.0047	U		<0.0041	U					0.0035	J		<0.0056	U	
		VMP-44-10-080614	8/6/2014	<0.025	U		<0.018	U		<0.0075	J	U	<0.0063	U		<0.0055	U					0.0058	J		<0.0075	U	
		VMP-44-10-110414	11/4/2014	<0.02	U		<0.015	U		<0.0061	U		0.0023	J		<0.0045	U					0.0034	J		<0.0061	U	
		VMP-44-10-020415	2/4/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0059	J		<0.0062	U	
		VMP-44-10-050115	5/1/2015	0.0011	J		0.0018	J		<0.0068	U		<0.0056	J	U	<0.005	U					0.022			<0.0068	U	
		VMP-44-10-072415	7/24/2015	0.0026	J	J	<0.017	J	U	<0.0071	U		0.0031	J		<0.0052	U					0.01	J	J	<0.0071	U	
		VMP-44-10-102815	10/28/2015	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U					0.0093	J		<0.0074	U	
		VMP-44-10-012516	1/25/2016	<0.02	U		0.0012	J		<0.0059	U		<0.005	J	U	<0.0044	U					0.011	J		0.0029	J	
		VMP-44-10-042816	4/28/2016	<0.023	ND,UJ	UJ	<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-44-10-072716	7/27/2016	0.0013	J		<0.017	U		<0.007	U		<0.0059	U		<0.021	U					0.0019	J		<0.007	U	
		VMP-44-10-102716	10/27/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.008	J		<0.0065	U	
	20 ft	VMP-44-20-041912	4/19/2012	<1.6	U		580			0.2	J		<0.41	U		<0.36	U					<0.99	U		0.1	J	
		VMP-44-20-072512	7/25/2012	<2.8	U		500			<0.84	U		<0.7	U		<0.62	U					<1.7	U		<0.84	U	
		VMP-44-20-101212	10/12/2012	<9.3	U		180			<2.8	U		<2.3	U		0.85	J					<5.6	U		<2.8	U	
		VMP-44-20-012513	1/25/2013	<0.68	U		16			<0.2	U		<0.17	U		<0.15	U		<0.87	U		1.1			<0.2	U	
		VMP-44-20-042913	4/29/2013	<0.78	U		3.8			<0.23	U		<0.19	U		<0.17	U					<0.47	U		<0.23	U	
		VMP-44-20-081313	8/13/2013	<0.048	U		0.0082	J		<0.014	U		<0.012	U		<0.011	U					<0.029	U		0.0064	J	
		VMP-44-20-111113	11/11/2013	0.009	J		0.0041	J		<0.0064	U		<0.0054	U		<0.0047	U					0.0036	J		<0.0064	U	
		VMP-44-20-022814	2/28/2014	<0.022	U		0.014	J		<0.0065	U		<0.0054	U		<0.0048	U					0.092			<0.0065	U	
		VMP-44-20-043014	4/30/2014	<0.038	U		<0.028	U		<0.012	U		<0.0096	J	U	<0.0084	U					0.0063	J		<0.012	U	
		VMP-44-20-080614	8/6/2014	0.003	J		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-44-20-110414	11/4/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0029	J		<0.0063	U	
		VMP-44-20-020415	2/4/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.004	J		<0.0062	U	
		VMP-44-20-051115	5/11/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0058	J		<0.006	U	
		VMP-44-20-072415	7/24/2015	0.0018	J	J	0.0088	J	J	<0.0063	U		<0.0053	U		<0.0046	U					0.01	J	J	<0.0063	U	
		VMP-44-20-102815	10/28/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.007	J		<0.0066	U	
		VMP-44-20-020216-R	2/2/2016	<0.022	U		<0.016	U		0.0012	J		<0.0056	U		<0.0049	U					0.016			0.0025	J	
		VMP-44-20-042816	4/28/2016	<0.026	U		<0.019	U		<0.0079	U		<0.0066	U		<0.0058	U					0.019			<0.0079	U	
		VMP-44-20-072716	7/27/2016	<0.027	U		<0.019	U		<0.008	U		<0.0067	U		<0.024	U					0.0084	J		<0.008	U	
		VMP-44-20-102716	10/27/2016	<0.022	U		0.012	J		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.023			<0.0065	U	
	30 ft	VMP-44-30-041912	4/19/2012	<0.96	U		140			0.19	J		0.48			<0.21	U					<0.58	U		0.16	J	
		VMP-44-30-072512	7/25/2012	<0.16	U		11			0.077			<0.04	U		<0.035	U					0.039	J		0.072		
		VMP-44-30-072512-Dup	7/25/2012	<0.16	U		12			0.08			<0.04	U		<0.035	U					0.044	J		0.068		
		VMP-44-30-101512	10/15/2012	<0.99	U		40			<0.3	U		<0.25	U		<0.22	U					<0.59	U		<0.3	U	
		VMP-44-30-101512-Dup	10/15/2012	<0.92	U		39			<0.28	U		<0.23	U		<0.2	U					<0.56	U		<0.28	U	
		VMP-44-30-012513	1/25/2013	<0.24	U	UJ	0.061	J	J	<0.072	U	UJ	<0.06	U	UJ	<0.052	U	UJ	<0.3	U	UJ	10		J	<0.072	U	UJ
		VMP-44-30-043013	4/30/2013	<0.084	U		2.8			0.018	J		<0.021	U		<0.018	U					<0.051	U		0.024	J	
		VMP-44-30-081313	8/13/2013	<0.023	U		0.11			0.003	J		<0.0058	U		<0.0051	U					0.0023	J		0.0066	J	
		VMP-44-30-111113	11/11/2013	<0.021	U		0.01	J		<0.0064	U		<0.0053	U		<0.0047	U					0.019			<0.0064	U	
		VMP-44-30-022814	2/28/2014	<0.019	U		0.01	J		<0.0058	U		0.0012	J		<0.0042	U					0.021			<0.0058	U	
		VMP-44-30-043014	4/30/2014	<0.02	U		<0.014	U		<0.006	U		<0.005	J	U	<0.0044	U					0.0043	J		<0.006	U	
		VMP-44-30-080614	8/6/2014	0.0038	J		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-44-30-110414	11/4/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					0.0049	J		<0.0064	U	
		VMP-44-30-020415	2/4/2015	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					0.0041	J		<0.0064	U	
		VMP-44-30-051115	5/11/2015	0.00091	J		0.003	J		<0.0062	U		0.0011	J		<0.0046	U					0.0015	J		<0.0062	U	
		VMP-44-30-072415	7/24/2015	0.0014	J	J	<0.015	J	U	<0.0061	U		<0.0051	U		<0.0045	U					0.005	J	J	<0.0061	U	
		VMP-44-30-102815	10/28/2015	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U					0.0074	J		<0.0074	U	
		VMP-44-30-012516	1/25/2016	<0.021	U		0.0028	J		<0.0063	U		<0.0052	U		<0.0046	U					0.0044	J		<0.0063	U	
		VMP-44-30-050516	5/5/2016	<0.028	U		<0.02	U		<0.0086	U		<0.0071	U		<0.0063	U					0.0022	J		<0.0086	U	
		VMP-44-30-072716	7/27/2016	0.0019	J		<0.018	U		<0.0075	U		<0.0063	U		<0.022	U					0.0066	J		<0.0075	U	
		VMP-44-30-102716	10/27/2016	<0.02	U		0.031			<0.0061	U		<0.0051	U		<0.018	U		<0.013	U		0.064			<0.0061	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	<0.015	U		0.0025	J		0.032			0.18			<0.0033	UJ	UJ				0.023			<0.0045	U	
		VMP-45-10-071912	7/19/2012	0.0032	J		0.002	J		0.044			0.25			<0.0034	U					0.048			0.00071	J	
		VMP-45-10-101512	10/15/2012	<0.024	U		0.0068	J		<0.0072	U		<0.006	U		<0.0052	U					<0.014	U		<0.0072	U	
		VMP-45-10-013013	1/30/2013	<0.021	U		0.0025	J		<0.0062	U		0.0011	J		<0.0045	U		<0.013	U		0.057			<0.0062	U	
		VMP-45-10-042913	4/29/2013	<0.024	U		0.028			<0.0071	J	U	<0.0059	U		<0.0052	U					<0.014	U		<0.0071	J	U
		VMP-45-10-080513	8/5/2013	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					<0.015	U		<0.0073	U	
		VMP-45-10-102913	10/29/2013	<0.021	U		0.0016	J		<0.0063	U		<0.0052	U		<0.0046	U					0.0062	J		<0.0063	U	
		VMP-45-10-020714	2/7/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U	UJ				<0.012	U		<0.0062	U	
		VMP-45-10-042214	4/22/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.0072	J	J	<0.0062	U	
		VMP-45-10-080114	8/1/2014	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					0.0044	J		<0.0073	U	
		VMP-45-10-102414	10/24/2014	<0.021	U		0.01	J		<0.0063	U		<0.0052	U		<0.0046	U					0.014			<0.0063	U	
		VMP-45-10-020615	2/6/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.0076	J		<0.0066	U	
		VMP-45-10-051215	5/12/2015	<0.021	U		0.043			<0.0064	U		<0.0053	U		<0.0047	U					0.0042	J		<0.0064	U	
		VMP-45-10-072115	7/21/2015	0.0018	J	J	0.081			<0.0066	U		<0.0055	U		<0.0048	U					0.011	J		<0.0066	U	
		VMP-45-10-102815	10/28/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.0046	J		<0.0068	U	
		VMP-45-10-030916-R	3/9/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0026	J		<0.0065	U	
		VMP-45-10-042816	4/28/2016	<0.024	ND,UJ	UJ	0.0081	J		<0.0073	U		<0.0061	U		<0.0054	U					0.0018	J		<0.0073	U	
		VMP-45-10-082616	8/26/2016	0.0017	J		0.038			<0.0054	U		0.0013	J		<0.016	U					0.06			<0.0054	U	
		VMP-45-10-102816	10/28/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U		<0.014	U		0.02			<0.0063	U	
	20 ft	VMP-45-20-041912	4/19/2012	<0.93	U		4.7			0.18	J		<0.23	U		<0.2	U					0.053	J		0.24	J	
		VMP-45-20-071912	7/19/2012	<0.29	U		0.98			0.028	J		<0.073	U		<0.064	U					0.096	J		<0.088	U	
		VMP-45-20-101512	10/15/2012	<0.023	U		0.054			<0.0068	J	U	0.0076			<0.005	U					0.072			<0.0068	U	
		VMP-45-20-013013	1/30/2013	<0.022	U		0.0051	J		<0.0065	U		<0.0054	U		<0.0048	U		<0.014	U		0.0081	J		<0.0065	U	
		VMP-45-20-042913	4/29/2013	<0.025	U		0.012	J		<0.0075	U		<0.0062	U		<0.0055	U					<0.015	U		<0.0075	U	
		VMP-45-20-042913-Dup	4/29/2013	<0.024	U		0.021			<0.0073	J	U	<0.0061	U		<0.0054	U					<0.015	U		<0.0073	J	U
		VMP-45-20-080513	8/5/2013	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0054	U					<0.015	U		<0.0074	U	
		VMP-45-20-102913	10/29/2013	<0.022	U		0.0055	J		<0.0068	U		<0.0056	U		<0.005	U					0.012	J		<0.0068	U	
		VMP-45-20-020714	2/7/2014	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U	UJ				<0.013	U		<0.0067	U	
		VMP-45-20-042214	4/22/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U	UJ	<0.0065	U	
		VMP-45-20-080114	8/1/2014	<0.023	U		0.012	J		<0.0068	U		<0.0056	U		<0.005	U					0.0041	J		<0.0068	U	
		VMP-45-20-102414	10/24/2014	<0.021	U		0.0067	J		<0.0063	U		<0.0053	U		<0.0046	U					0.012	J		<0.0063	U	
		VMP-45-20-020615	2/6/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.006	J		<0.0062	U	
		VMP-45-20-042915	4/29/2015	0.0016	J		0.0056	J		<0.0073	U		<0.0061	J	U	<0.0054	U					0.011	J		<0.0073	U	
		VMP-45-20-072115	7/21/2015	0.0015	J	J	<0.019	J	U	<0.0078	U		<0.0065	U		<0.0058	U					<0.016	J	U	<0.0078	U	
		VMP-45-20-102815	10/28/2015	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					0.0059	J		<0.0059	U	
		VMP-45-20-012516	1/25/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	J	U	<0.0048	U					0.0075	J		<0.0065	U	
		VMP-45-20-042816	4/28/2016	0.003	J	J	0.0027	J		0.00072	J		0.0047			<0.0038	U					0.018			<0.0052	U	
		VMP-45-20-072716	7/27/2016	0.0011	J		<0.018	U		<0.0076	U		<0.0063	U		<0.022	U					0.0026	J		<0.0076	U	
		VMP-45-20-102816	10/28/2016	<0.022	U		0.0099	J		<0.0066	U		<0.0055	U		<0.019	U		<0.014	U		0.019			<0.0066	U	
	30 ft	VMP-45-30-041912	4/19/2012	<0.62	U		4.5		J	0.23		J	<0.16	U		<0.14	U					<0.38	U		0.16	J	J
		VMP-45-30-071912	7/19/2012	<0.16	U		0.13			0.05			0.12			<0.034	U					<0.094	U		<0.047	U	
		VMP-45-30-101512	10/15/2012	<0.023	U		0.039			<0.0068	U		<0.0056	U		<0.005	U					0.003	J		<0.0068	U	
		VMP-45-30-101512-Dup	10/15/2012	<0.022	U		0.044			<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-45-30-013013	1/30/2013	<0.04	U		0.0078	J		<0.012	U		<0.0099	U		<0.0087	U		<0.025	U		2.3			<0.012	U	
		VMP-45-30-042913	4/29/2013	<0.048	U		0.014	J		<0.014	J	U	<0.012	U		<0.01	U					<0.029	U		0.014	J	
		VMP-45-30-080513	8/5/2013	<0.098	U		<0.071	U		<0.029	U		<0.024	U		<0.022	U					<0.059	U		<0.029	U	
		VMP-45-30-102913	10/29/2013	<0.023	U		0.11			<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-45-30-020714	2/7/2014	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U	UJ				<0.012	U		<0.0059	U	
		VMP-45-30-042214	4/22/2014	<0.022	U		0.034			<0.0065	U		<0.0054	U		<0.0048	U					0.019		J	0.00096	J	
		VMP-45-30-080114	8/1/2014	<0.022	U		0.022			<0.0066	U		<0.0055	U		<0.0048	U					0.0017	J		<0.0066	U	
		VMP-45-30-102414	10/24/2014	<0.024	U		0.0069	J		<0.0072	U		<0.006	U		<0.0052	U					0.0089	J		<0.0072	U	
		VMP-45-30-111214-R	11/12/2014	<0.02	U		0.027			<0.0059	U		<0.0049	U		<0.0043	U					0.0022	J		<0.0059	J	U
		VMP-45-30-020615	2/6/2015	<0.022	U		0.0086	J		<0.0065	U		<0.0054	U		<0.0048	U					0.011	J		<0.0065	U	
		VMP-45-30-020615-DUP	2/6/2015	<0.021	U		0.0097	J		<0.0063	U		<0.0053	U		<0.0046	U					0.01	J		<0.0063	U	
		VMP-45-30-042915	4/29/2015	0.001	J		0.0022	J		<0.0069	U		0.0022	J		<0.0051	U					0.098			<0.0069	U	
		VMP-45-30-072115	7/21/2015	0.0015	J	J	0.0069	J		<0.0074	U		<0.0062	U		<0.0055	U					<0.015	J	U	<0.0074	U	
		VMP-45-30-072115-DUP	7/21/2015	0.0021	J	J	<0.017	J	U	<0.0071	U		<0.0059	U		<0.0052	U					0.0098	J		<0.0071	U	
		VMP-45-30-102815	10/28/2015	0.003	J	J	0.0039	J		<0.0058	U		<0.0049	U		<0.0043	U					0.0039	J		<0.0058	U	
		VMP-45-30-012516	1/25/2016	<0.023	U		0.0036	J		0.0049	J		<0.0057	U		<0.005	U					0.01	J		0.014		
		VMP-45-30-042816	4/28/2016	<0.02	ND,UJ	UJ	<0.014	U		<0.006	U		<0.005	U		<0.0044	U					<0.012	U		<0.006	U	
		VMP-45-30-042816-DUP	4/28/2016	<0.02	ND,UJ	UJ	<0.015	U		<0.0062	U		<0.0051	U		<0.0045	U					0.0025	J		<0.0062	U	
		VMP-45-30-072716	7/27/2016	0.0025	J		0.0036	J		<0.0067	U		<0.0056	U		<0.02	U					0.0053	J		<0.0067	U	
		VMP-45-30-102816	10/28/2016	<0.021	U		0.01	J		<0.0064	U		<0.0053	U		<0.019	U		<0.014	U		0.022			<0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	<0.024	U		0.089			<0.0071	U		<0.0059	U		<0.0052	U		<0.015	J	U	0.057			<0.0071	U	
		VMP-47-5-012313-R	1/23/2013	<79	U		4700			<24	U		<20	U		<17	U		<100	ND,J	UJ	<48	U		<24	U	
		VMP-47-5-060513	6/5/2013	<51	U		5100			<15	U		<13	U		<11	U					<31	U		<15	U	
		VMP-47-5-072613	7/26/2013	<0.022	U		0.082			<0.0065	U		<0.0054	U		<0.0048	U					0.0022	J		<0.0065	U	
		VMP-47-5-110813	11/8/2013	<0.15	U		0.089	J		0.054			<0.037	U		<0.033	U					<0.089	U		0.049		
		VMP-47-5-021814	2/18/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					<0.013	U		<0.0063	U	
		VMP-47-5-042914	4/29/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					<0.013	U		<0.0063	U	
		VMP-47-5-081314	8/13/2014	0.32			0.19			<0.015	U		0.55			<0.011	U					20	E	J	<0.015	U	
		VMP-47-5-093014-R	9/30/2014	<0.02	U		0.0028	J		<0.0059	U		<0.005	U		<0.0044	U					0.0045	J		<0.0059	U	
		VMP-47-5-102814	10/28/2014	<0.025	U		<0.018	U		<0.0075	U		<0.0063	U		<0.0055	U					<0.015	U		<0.0075	U	
		VMP-47-5-020215	2/2/2015	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					0.0036	J		<0.0061	J	U
		VMP-47-5-042815	4/28/2015	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		0.001	J					<0.014	U		<0.0069	U	
		VMP-47-5-072115	7/21/2015	<0.025	U		0.0054	J		<0.0076	U		<0.0064	U		<0.0056	U					<0.015	J	U	<0.0076	U	
		VMP-47-5-102715	10/27/2015	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					<0.015	U		<0.0073	U	
		VMP-47-5-012916	1/29/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0052	J		<0.0067	U	
		VMP-47-5-042516	4/25/2016	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					0.014	J		<0.0073	U	
		VMP-47-5-072516	7/25/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.02	U					0.0031	J		<0.007	U	
		VMP-47-5-102616	10/26/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.014	U		0.0077	J		<0.0066	U	
	10 ft	VMP-47-10-012113	1/21/2013	<0.023	U		0.0052	J		<0.0068	U		<0.0056	U		<0.005	U		<0.014	U		0.035			<0.0068	U	
		VMP-47-10-012313-R	1/23/2013	<2	U		560			<0.59	U		<0.5	U		<0.44	U		<2.5	U		<1.2	U		<0.59	U	
		VMP-47-10-060513	6/5/2013	<47	U		4600			<14	U		<12	U		<10	U					<28	U		<14	U	
		VMP-47-10-072613	7/26/2013	<22	U		960			<6.6	U		<5.5	U		<4.8	U					2.4	J		<6.6	U	
		VMP-47-10-110813	11/8/2013	<0.091	U		<0.066	U		<0.027	U		<0.023	U		<0.02	U					<0.054	U		0.014	J	
		VMP-47-10-021814	2/18/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-47-10-042914	4/29/2014	<0.022	U		<0.016	U		<0.0066	U		0.0013	J		<0.0049	U					0.007	J		<0.0066	U	
		VMP-47-10-073114	7/31/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					<0.013	U		<0.0063	U	
		VMP-47-10-102814	10/28/2014	<0.018	U		<0.013	U		<0.0053	U		<0.0044	U		<0.0039	U					0.0042	J		<0.0053	U	
		VMP-47-10-020215	2/2/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	J	U	<0.0062	U	
		VMP-47-10-042815	4/28/2015	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		0.0086						0.0072	J		<0.0074	U	
		VMP-47-10-072115	7/21/2015	0.0014	J	J	<0.018	U		<0.0076	U		<0.0064	U		0.0066						<0.015	J	U	<0.0076	U	
		VMP-47-10-102715	10/27/2015	0.0035	J	J	<0.016	U		<0.0069	U		<0.0057	U		<0.005	U					<0.014	J	UJ	<0.0069	U	
		VMP-47-10-012916	1/29/2016	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					0.0051	J		<0.0059	U	
		VMP-47-10-042516	4/25/2016	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					<0.015	J	U	0.00094	J	
		VMP-47-10-080216	8/2/2016	<0.018	U		<0.013	U		<0.0055	U		<0.0046	U		<0.016	U					0.0035	J		<0.0055	U	
		VMP-47-10-102616	10/26/2016	<0.019	U		0.0042	J		<0.0057	U		<0.0048	U		<0.017	U		<0.012	U		0.053			<0.0057	U	
	20 ft	VMP-47-20-012113	1/21/2013	<21	U		1200			<6.2	U		<5.2	U		<4.5	U		<26	U		<12	U		<6.2	U	
		VMP-47-20-012313-R	1/23/2013	<49	U		3500			<15	U		<12	U		<11	U		<62	ND,J	UJ	<29	U		<15	U	
		VMP-47-20-060513	6/5/2013	<48	U		5000			<14	U		<12	U		<10	U					<29	U		<14	U	
		VMP-47-20-060513-Dup	6/5/2013	<45	U		5000			<13	U		<11	U		<9.8	U					<27	U		<13	U	
		VMP-47-20-072613	7/26/2013	<41	U		3100			<12	U		<10	U		<9.1	U					5.1	J		<12	U	
		VMP-47-20-110813	11/8/2013	<0.021	U		0.0048	J		0.0022	J		<0.0052	U		<0.0045	U					0.0044	J		0.0018	J	
		VMP-47-20-021914	2/19/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-47-20-042914	4/29/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U		<0.0065	U	
		VMP-47-20-073114	7/31/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.033			<0.0062	U	
		VMP-47-20-102814	10/28/2014	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0054	U					<0.015	U		<0.0074	U	
		VMP-47-20-020215	2/2/2015	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					<0.012	J	U	<0.0061	U	
		VMP-47-20-042815	4/28/2015	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		0.0021	J					0.042			<0.0071	U	
		VMP-47-20-072115	7/21/2015	0.0033	J	J	0.072			<0.0074	U		<0.0062	U		0.0022	J					<0.015	J	U	<0.0074	U	
		VMP-47-20-102715	10/27/2015	<0.021	U		0.0021	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0066	J	J	<0.0062	U	
		VMP-47-20-012916	1/29/2016	<0.02	U		0.0052	J		<0.0059	U		<0.0049	U		<0.0043	U					0.017			<0.0059	U	
		VMP-47-20-042516	4/25/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					<0.014	J	U	<0.0072	U	
		VMP-47-20-072516	7/25/2016	<0.024	U		0.0098	J		<0.0071	U		<0.0059	U		<0.021	U					0.014	J		<0.0071	U	
		VMP-47-20-102616	10/26/2016	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.013	U		0.012	J		<0.0061	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	30 ft	VMP-47-30-012113	1/21/2013	<15	U		1100			<4.5	U		<3.8	U		<3.3	U		<19	U		<9	U		<4.5	U	
		VMP-47-30-012313-R	1/23/2013	<78	U		4600			<23	U		<19	U		<17	U		<100	ND,J	UJ	<47	U		<23	U	
		VMP-47-30-060513	6/5/2013	<48	U		6000			<14	U		<12	U		<10	U					<29	U		<14	U	
		VMP-47-30-072613	7/26/2013	<87	U		7400			<26	U		6.8	J		<19	U					13	J		<26	U	
		VMP-47-30-110813	11/8/2013	<0.21	U		<0.15	U		<0.063	U		<0.053	U		<0.046	U					<0.13	U		<0.063	U	
		VMP-47-30-021914	2/19/2014	<0.022	U		0.0031	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0081	J		<0.0066	U	
		VMP-47-30-042914	4/29/2014	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-47-30-042914-Dup	4/29/2014	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-47-30-073114	7/31/2014	<0.021	U		0.0032	J		<0.0064	U		<0.0053	U		<0.0047	U					0.026			<0.0064	U	
		VMP-47-30-073114-Dup	7/31/2014	<0.025	U		0.0018	J		<0.0075	U		<0.0062	U		<0.0055	U					0.029			<0.0075	U	
		VMP-47-30-102814	10/28/2014	<0.024	U		0.038			<0.0071	U		0.0029	J		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-47-30-102814-DUP	10/28/2014	<0.023	U		0.03			<0.0069	U		<0.0058	U		<0.0051	U					<0.014	U		<0.0069	U	
		VMP-47-30-020215	2/2/2015	<0.022	U		0.002	J		<0.0065	U		0.0011	J		<0.0048	U					0.0068	J		<0.0065	U	
		VMP-47-30-020215-DUP	2/2/2015	<0.02	U		0.0021	J		<0.0061	U		<0.005	U		<0.0044	U					0.011	J		<0.0061	U	
		VMP-47-30-042815	4/28/2015	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		0.0018	J					0.0079	J		<0.0058	U	
		VMP-47-30-042815-DUP	4/28/2015	<0.023	U		0.0031	J		<0.007	U		<0.0058	U		0.00082	J					0.0059	J		<0.007	U	
		VMP-47-30-072115	7/21/2015	0.0069	J	J	0.005	J		0.0024	J		<0.0061	U		0.0028	J					0.021			<0.0073	U	
		VMP-47-30-102715	10/27/2015	<0.019	U		0.0045	J		<0.0056	U		<0.0047	U		<0.0041	U					0.011	J	J	<0.0056	U	
		VMP-47-30-102715-DUP	10/27/2015	<0.02	U		0.0044	J		<0.006	U		<0.005	U		<0.0044	U					0.013		J	<0.006	U	
		VMP-47-30-012916-DUP	1/29/2016	<0.02	U		0.025			<0.0061	U		<0.0051	U		<0.0045	U					0.0064	J		<0.0061	U	
		VMP-47-30-042516	4/25/2016	<0.024	U		<0.017	U		0.0028	J		<0.006	U		<0.0053	U					<0.014	J	U	0.0048	J	
		VMP-47-30-042516-DUP	4/25/2016	<0.027	U		<0.02	U		<0.0082	U		<0.0068	U		<0.006	U					0.012	J		<0.0082	U	
		VMP-47-30-072516	7/25/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.021	U					<0.014	U		<0.007	U	
		VMP-47-30-102616	10/26/2016	<0.023	U		<0.016	U		<0.0068	U		0.004	J		<0.02	U		0.00085	J	J	0.0068	J		<0.0068	J	U
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	<0.021	U		0.0026	J		<0.0063	U		<0.0053	U		<0.0046	U		<0.013	U		0.0017	J		<0.0063	U	
		VMP-48-5-050313	5/3/2013	<0.022	U		0.018			<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-48-5-080613	8/6/2013	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.003	J		<0.0068	U	
		VMP-48-5-110513	11/5/2013	<0.021	U		0.015	J		0.00036	J		0.00032	J		<0.0047	U					0.014			0.002	J	
		VMP-48-5-022814	2/28/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.03			<0.0065	U	
		VMP-48-5-042814	4/28/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					<0.013	U		<0.0064	U	
		VMP-48-5-080114	8/1/2014	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U					0.0095	J		<0.0074	U	
		VMP-48-05-102914	10/29/2014	<0.023	U		0.0063	J		<0.0069	U		<0.0057	U		<0.005	U					0.0054	J		<0.0069	U	
		VMP-48-5-020215	2/2/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0041	J		<0.0067	U	
		VMP-48-5-042815	4/28/2015	0.0033	J		0.011	J		<0.0064	U		0.0071			<0.0047	U					0.02			<0.0064	U	
		VMP-48-5-072115	7/21/2015	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					<0.015	U		<0.0073	U	
		VMP-48-5-102015	10/20/2015	<0.022	U		0.0049	J		<0.0067	U		0.002	J		<0.0049	U					0.0029	J		<0.0067	U	
		VMP-48-5-012916	1/29/2016	<0.026	U		0.0075	J		<0.0077	U		<0.0064	U		<0.0057	U					0.024			<0.0077	U	
		VMP-48-5-042516	4/25/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0047	U					<0.013	J	U	<0.0065	U	
		VMP-48-5-072516	7/25/2016	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.022	U					0.021			<0.0075	U	
		VMP-48-5-102616	10/26/2016	<0.018	U		0.0068	J		<0.0056	U		<0.0046	U		<0.016	U		<0.012	U		0.045			<0.0056	U	
	10 ft	VMP-48-10-020113	2/1/2013	<0.022	U		0.0028	J		<0.0065	U		<0.0054	U		<0.0048	U		<0.014	U		0.011	J		<0.0065	U	
		VMP-48-10-050813	5/8/2013	<0.024	U		0.005	J		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-48-10-080613	8/6/2013	<0.021	U		0.0066	J		<0.0064	U		<0.0053	U		<0.0047	U					0.004	J		<0.0064	U	
		VMP-48-10-103113	10/31/2013	<0.023	U		0.0069	J		<0.0068	U		0.00072	J		<0.005	U					0.0025	J		<0.0068	U	
		VMP-48-10-021814	2/18/2014	<0.02	U		0.0024	J		<0.0061	U		<0.005	U		<0.0044	U					0.0051	J		<0.0061	U	
		VMP-48-10-042814	4/28/2014	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					<0.012	U		<0.0059	U	
		VMP-48-10-080114	8/1/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.012	J		<0.0065	U	
		VMP-48-10-102914	10/29/2014	<0.019	U		0.0067	J		<0.0058	U		<0.0048	U		<0.0042	U					<0.012	U		<0.0058	U	
		VMP-48-10-020215	2/2/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0034	J		<0.006	J	U
		VMP-48-10-042815	4/28/2015	0.0025	J		0.0044	J		<0.0067	U		0.004	J		<0.0049	U					0.011	J		<0.0067	U	
		VMP-48-10-042815-DUP	4/28/2015	0.0031	J		0.0043	J		<0.0063	U		0.0045	J		<0.0046	U					0.011	J		<0.0063	U	
		VMP-48-10-072115	7/21/2015	<0.023	U		0.0047	J		<0.0069	U		<0.0057	U		<0.005	U					<0.014	U		<0.0069	U	
		VMP-48-10-102015	10/20/2015	<0.022	U		0.0033	J		<0.0067	U		0.0017	J		<0.0049	U					0.0022	J		<0.0067	U	
		VMP-48-10-012916	1/29/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.0027	J		<0.0066	U	
		VMP-48-10-042516	4/25/2016	<0.022	U		0.0062	J		<0.0065	U		<0.0054	U		<0.0048	U					0.034			<0.0065	U	
		VMP-48-10-072516	7/25/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U					0.04			<0.0071	U	
		VMP-48-10-102616	10/26/2016	<0.021	U		0.004	J		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		0.007	J		<0.0062	U	
	20 ft	VMP-48-20-020113	2/1/2013	<0.021	U		0.022			<0.0063	U		<0.0052	U		<0.0046	U		<0.013	U		0.002	J		<0.0063	U	
		VMP-48-20-103113	10/31/2013	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0047	U					0.013			<0.0065	U	
		VMP-48-20-021814	2/18/2014	<0.022	U		0.0036	J		<0.0065	U		<0.0054	U		<0.0048	U					0.022			<0.0065	U	
		VMP-48-20-042814	4/28/2014	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					<0.014	U		<0.007	U	
		VMP-48-20-080114	8/1/2014	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.0042	U					0.0012	J		<0.0057	U	
		VMP-48-20-102914	10/29/2014	0.0036	J	J	0.027		J	<0.0068	J	UJ	0.0078		J	<0.005	U	UJ				0.024		J	<0.0068	U	UJ
		VMP-48-20-111814-R	11/18/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.013			<0.0065	U	
		VMP-48-20-020215	2/2/2015	<0.019	U		<0.013	U		<0.0056	U		<0.0047	U		<0.0041	U					<0.011	J	U	<0.0056	J	U
		VMP-48-20-042815	4/28/2015	0.0013	J		0.0013	J		<0.006	U		<0.005	J	U	<0.0044	U					0.0044	J		<0.006	U	
		VMP-48-20-102015	10/20/2015	0.0012	J		0.0041	J		<0.0065	U		0.0018	J		<0.0047	U					0.0097	J		<0.0065	U	
		VMP-48-20-042516	4/25/2016	<0.025	U		0.0059	J		<0.0074	U		<0.0062	U		<0.0055	U					<0.015	J	U	<0.0074	U	
		VMP-48-20-102616	10/26/2016	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.013	U		0.0051	J		<0.0061	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-48	30 ft	VMP-48-30-020113	2/1/2013	<0.021	U		0.22			0.00088	J		<0.0053	U		<0.0047	U		<0.014	U		0.0015	J	J	0.0011	J	
		VMP-48-30-020113-DUP	2/1/2013	<0.085	U		0.22			<0.026	U		<0.021	U		<0.019	U		<0.054	U		<0.051	U	UJ	<0.026	U	
		VMP-48-30-050313	5/3/2013	<0.02	U		0.12			<0.006	U		<0.005	U		<0.0044	U					0.02			0.0022	J	
		VMP-48-30-080613	8/6/2013	<0.023	U		0.047			<0.0068	U		0.0022	J		<0.005	U					0.0032	J		<0.0068	U	
		VMP-48-30-110513	11/5/2013	<0.02	U		0.018			0.00021	J		0.00026	J		<0.0044	U					0.0013	J		0.00027	J	
		VMP-48-30-021814	2/18/2014	<0.022	U		0.036			<0.0065	U		0.0022	J		<0.0048	U					<0.013	U		<0.0065	U	
		VMP-48-30-042814	4/28/2014	<0.023	U		<0.016	U		0.0077			0.0067			<0.005	U					0.021			<0.0068	U	
		VMP-48-30-042814-DUP	4/28/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.022			<0.0065	U	
		VMP-48-30-080114	8/1/2014	<0.022	U		0.01	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0013	J		<0.0065	U	
		VMP-48-30-080114-Dup	8/1/2014	<0.02	U		0.011	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0028	J		<0.0061	U	
		VMP-48-30-102914	10/29/2014	0.0036	J	J	0.037		J	<0.0069	J	UJ	0.012		J	<0.0051	U	UJ				0.035		J	<0.0069	U	UJ
		VMP-48-30-111814-R	11/18/2014	<0.023	U		0.0071	J		<0.0068	U		<0.0056	U		<0.005	U					0.014			0.0031	J	
		VMP-48-30-020215	2/2/2015	<0.016	U		0.0068	J		<0.0049	U		<0.0041	U		<0.0036	U					0.0043	J		<0.0049	U	
		VMP-48-30-042815	4/28/2015	0.0017	J		0.0024	J		<0.0073	U		0.003	J		0.0014	J					0.0047	J		<0.0073	U	
		VMP-48-30-080315	8/3/2015	0.0039	J	J	<0.017	U		0.0027	J		0.004	J		<0.0053	U					0.0066	J		<0.0072	U	
		VMP-48-30-102015	10/20/2015	<0.022	U		0.012	J		<0.0067	U		0.0013	J		<0.0049	U					0.006	J		<0.0067	U	
		VMP-48-30-102015-DUP	10/20/2015	0.0014	J		0.01	J		<0.0067	U		<0.0056	U		<0.0049	U					0.0059	J		<0.0067	U	
		VMP-48-30-012916	1/29/2016	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0048	J		<0.0069	U	
		VMP-48-30-042516	4/25/2016	<0.026	U		0.034			0.0044	J		<0.0065	U		<0.0057	U					0.016			0.01		
		VMP-48-30-042516-DUP	4/25/2016	<0.023	U		0.029			0.0037	J		<0.0057	U		<0.005	U					0.019			0.0082		
		VMP-48-30-072516	7/25/2016	0.003	J		0.0088	J		<0.006	U		<0.005	U		<0.018	U					0.14			<0.006	U	
		VMP-48-30-102616	10/26/2016	<0.019	U		0.011	J		<0.0058	J	U	0.0023	J		<0.017	U		<0.012	U		0.18		J	0.0014	J	
		VMP-48-30-102616-Dup	10/26/2016	<0.021	U		0.005	J		<0.0063	U		<0.0053	U		<0.018	U		<0.013	U		0.006	J	J	<0.0063	U	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	<0.022	U		<0.016	U		<0.0066	U		0.0013	J		<0.0048	U		<0.014	U		0.0077	J		<0.0066	U	
		VMP-49-5-050713	5/7/2013	<0.026	U		0.024			<0.0079	U		<0.0066	U		<0.0058	U					<0.016	U		<0.0079	U	
		VMP-49-5-080613	8/6/2013	<0.025	U		<0.018	U		<0.0076	U		0.0022	J		<0.0056	U					0.0097	J		<0.0076	U	
		VMP-49-5-111113	11/11/2013	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0056	J		0.0011	J	
		VMP-49-5-021814	2/18/2014	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					<0.014	U	UJ	<0.0068	U	
		VMP-49-5-042814	4/28/2014	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-49-5-080114	8/1/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.0022	J		<0.0062	U	
		VMP-49-5-102914	10/29/2014	<0.02	U		0.012	J		<0.0061	U		0.0017	J		<0.0045	U					0.0068	J		<0.0061	U	
		VMP-49-5-102914-DUP	10/29/2014	<0.022	U		0.015	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0065	J		<0.0066	U	
		VMP-49-5-020215	2/3/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-49-5-042815	4/28/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0057	J	U	<0.005	U					0.0025	J		<0.0068	U	
		VMP-49-5-073015	7/30/2015	0.0024	J		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0032	J		<0.0067	U	
		VMP-49-5-110315	11/3/2015	<0.024	U		0.0023	J		<0.0071	U		<0.0059	J	U	<0.0052	U					0.0064	J		<0.0071	U	
		VMP-49-5-020116	2/1/2016	<0.023	U		<0.017	U		<0.007	U		0.0052	J		<0.0051	U					0.022			<0.007	U	
		VMP-49-5-042616	4/26/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.015			<0.0067	U	
		VMP-49-5-080116	8/1/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U					0.0092	J		<0.0063	U	
		VMP-49-5-102716	10/27/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.0049	J		<0.0065	U	
	10 ft	VMP-49-10-020113	2/1/2013	<0.022	U		0.002	J		<0.0065	J	U	<0.0054	U		<0.0048	U		0.011	J		0.0018	J		<0.0065	J	U
		VMP-49-10-050713	5/7/2013	<0.022	U		0.027			<0.0068	U		<0.0056	U		<0.005	U					0.08		J	<0.0068	U	
		VMP-49-10-050713-Dup	5/7/2013	<0.024	U		0.011	J		<0.0073	U		<0.0061	U		<0.0054	U					0.0091	J	J	<0.0073	U	
		VMP-49-10-080613	8/6/2013	<0.026	U		<0.018	U		<0.0077	U		<0.0064	U		<0.0056	U					<0.015	U		<0.0077	U	
		VMP-49-10-103113	10/31/2013	0.00085	J		0.0013	J		0.00021	J		0.0016	J		<0.0051	U					0.0054	J		<0.007	U	
		VMP-49-10-021814	2/18/2014	<0.02	U		0.015			<0.0061	U		0.0014	J		<0.0045	U					0.049		J	0.00072	J	
		VMP-49-10-042814	4/28/2014	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-49-10-080114	8/1/2014	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.0021	J		<0.007	U	
		VMP-49-10-102914	10/29/2014	<0.023	U		0.017			<0.007	U		<0.0058	U		<0.0052	U					0.0069	J		<0.007	U	
		VMP-49-10-020215	2/3/2015	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					0.0037	J		<0.0064	U	
		VMP-49-10-042815	4/28/2015	<0.03	U		<0.022	U		<0.0091	U		<0.0076	U		<0.0067	U					0.0039	J		<0.0091	U	
		VMP-49-10-073015	7/30/2015	<0.025	U		<0.018	U		<0.0074	U		0.002	J		<0.0054	U					0.0036	J		<0.0074	U	
		VMP-49-10-110315	11/3/2015	<0.024	U		0.0066	J		<0.0071	U		<0.0059	J	U	<0.0052	U					0.014			<0.0071	U	
		VMP-49-10-020116	2/1/2016	<0.024	U		0.004	J		<0.0071	U		<0.0059	U		<0.0052	U					0.088			<0.0071	U	
		VMP-49-10-042616	4/26/2016	<0.026	U		<0.019	U		<0.0079	U		<0.0066	U		<0.0058	U					0.016			0.0017	J	
		VMP-49-10-080116	8/1/2016	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.018	U					0.0031	J		<0.0061	U	
		VMP-49-10-102716	10/27/2016	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.02	U		<0.014	U		0.059			<0.0067	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	20 ft	VMP-49-20-020113	2/1/2013	<0.021	U		0.0029	J		<0.0063	U		<0.0053	U		<0.0046	U		<0.014	U		0.0017	J		<0.0063	U	
		VMP-49-20-050913	5/9/2013	<0.024	U		0.057			<0.0072	U		<0.006	U		<0.0053	U					0.0048	J		<0.0072	U	
		VMP-49-20-080613	8/6/2013	<0.025	U		<0.018	U		<0.0076	U		<0.0063	U		<0.0056	U					<0.015	U		<0.0076	U	
		VMP-49-20-080613-Dup	8/6/2013	<0.024	U		0.012	J		<0.007	U		<0.0059	U		<0.0052	U					<0.014	U		<0.007	U	
		VMP-49-20-111113	11/11/2013	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0044	J		<0.0063	U	
		VMP-49-20-021814	2/18/2014	<0.021	U		0.0047	J		<0.0062	U		<0.0052	U		<0.0045	U					0.0064	J	J	<0.0062	U	
		VMP-49-20-042814	4/28/2014	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-49-20-080114	8/1/2014	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					<0.014	U		<0.007	U	
		VMP-49-20-102914	10/29/2014	<0.021	U		0.013	J		<0.0064	U		<0.0054	U		<0.0047	U					<0.013	U		<0.0064	U	
		VMP-49-20-020215	2/3/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					<0.012	U		<0.0063	U	
		VMP-49-20-073015	7/30/2015	<0.023	U		<0.016	U		<0.0069	U		<0.0057	U		<0.005	U					0.0039	J		<0.0069	U	
		VMP-49-20-110315	11/3/2015	<0.02	U		<0.014	U		<0.0059	U		<0.005	J	U	<0.0044	U					0.0029	J		<0.0059	U	
		VMP-49-20-020116	2/1/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.02			<0.0065	U	
		VMP-49-20-042616	4/26/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.009	J		<0.0063	U	
		VMP-49-20-080116	8/1/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U					0.0042	J		<0.0063	U	
		VMP-49-20-102716	10/27/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.019	U		<0.014	U		0.0064	J		<0.0064	U	
	30 ft	VMP-49-30-020113	2/1/2013	<1	U		47			<0.3	U		0.11	J		<0.22	U		<0.64	U		0.27	J		<0.3	U	
		VMP-49-30-050813	5/8/2013	<2.1	U		84			<0.64	U		<0.53	U		<0.47	U	UJ				<1.3	U		<0.64	U	
		VMP-49-30-080613	8/6/2013	<2	U		97			<0.62	U		<0.51	U		<0.45	U					<1.2	U		<0.62	U	
		VMP-49-30-111113	11/11/2013	<0.68	U		1.2			<0.2	U		<0.17	U		<0.15	U					<0.41	U		<0.2	U	
		VMP-49-30-021814	2/18/2014	<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.0052	U					<0.014	U	UJ	<0.007	U	
		VMP-49-30-021814-Dup	2/18/2014	<0.022	U		0.0056	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0051	J	J	<0.0066	U	
		VMP-49-30-042814	4/28/2014	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-49-30-080114	8/1/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					0.0045	J		<0.0064	U	
		VMP-49-30-102914	10/29/2014	<0.023	U		0.024			<0.0068	U		0.0021	J		<0.005	U					0.012	J		<0.0068	U	
		VMP-49-30-020215	2/3/2015	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					0.0056	J		<0.0064	U	
		VMP-49-30-042815	4/28/2015	<0.025	U		0.0038	J		<0.0075	U		<0.0062	U		<0.0055	U					0.0021	J		<0.0075	U	
		VMP-49-30-073015	7/30/2015	<3.1	U		460			<0.92	U		<0.77	U		<0.67	U					<1.8	U		<0.92	U	
		VMP-49-30-073015-DUP	7/30/2015	<3	U		460			<0.89	U		<0.74	U		<0.66	U					<1.8	U		<0.89	U	
		VMP-49-30-110315	11/3/2015	<0.022	U		0.011	J		<0.0066	U		<0.0055	J	U	<0.0048	U					0.0099	J		<0.0066	U	
		VMP-49-30-110315-DUP	11/3/2015	0.0019	J		0.0095	J		<0.0061	U		<0.005	J	U	<0.0044	U					0.0095	J		<0.0061	U	
		VMP-49-30-020116	2/1/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.029			<0.0068	U	
		VMP-49-30-020116-DUP	2/1/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.017			<0.0063	U	
		VMP-49-30-042716	4/27/2016	<0.023	U		0.0089	J		<0.0069	U		<0.0057	U		<0.005	U					<0.014	J	UJ	<0.0069	U	
		VMP-49-30-042716-DUP	4/27/2016	<0.02	U		0.019			<0.0061	U		<0.0051	U		<0.0045	U					0.032		J	<0.0061	U	
		VMP-49-30-080116	8/1/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U					0.008	J		<0.0071	U	
		VMP-49-30-080116-DUP	8/1/2016	<0.024	U		0.0038	J		<0.0071	U		<0.0059	U		<0.021	U					0.019			<0.0071	U	
		VMP-49-30-102716	10/27/2016	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.021	U		<0.016	U		0.0058	J		<0.0073	U	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	<0.021	U		0.12			<0.0062	U		<0.0052	U		<0.0045	U		<0.013	U		0.0057	J		<0.0062	U	
		VMP-50-5-050713	5/7/2013	<0.023	U		0.0068	J		<0.007	U		<0.0058	U		<0.0051	U					0.0096	J		<0.007	U	
		VMP-50-5-080713	8/7/2013	<0.022	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.0081	J		<0.0068	U	
		VMP-50-5-110713	11/7/2013	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-50-5-022614	2/26/2014	<0.021	U		0.005	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0085	J		<0.0062	U	
		VMP-50-5-043014	4/30/2014	<0.018	U		<0.013	U		<0.0053	U		<0.0044	U		<0.0039	U					0.012			<0.0053	U	
		VMP-50-5-081414	8/14/2014	<0.024	U		0.023			<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-50-5-110614	11/6/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-50-5-021015	2/10/2015	<0.021	U		0.016			<0.0063	U		<0.0052	U		<0.0046	U					0.031			<0.0063	U	
		VMP-50-5-050515	5/5/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					0.016			<0.0072	U	
		VMP-50-5-073015	7/30/2015	<0.024	U		0.011	J		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-50-5-110315	11/3/2015	0.0011	J		0.0028	J		<0.0056	U		<0.0047	J	U	<0.0041	U					0.0053	J		<0.0056	U	
		VMP-50-5-020216	2/2/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0052	U					0.012	J		<0.007	U	
		VMP-50-5-050316	5/3/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0014	J		<0.0065	U	
		VMP-50-5-080216	8/2/2016	<0.029	U		0.0091	J		<0.0088	U		<0.0074	U		<0.026	U					0.04			<0.0088	U	
		VMP-50-5-103116	10/31/2016	<0.037	U		0.02	J		<0.011	U		<0.0093	U		<0.033	U		<0.024	U		0.13			<0.011	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-50	10 ft	VMP-50-10-020113	2/1/2013	<0.023	U		0.042			<0.0068	U		<0.0056	U		<0.005	U		<0.014	U		0.0042	J		<0.0068	U	
		VMP-50-10-050713	5/7/2013	<0.025	U		0.0074	J		<0.0074	U		<0.0062	U		<0.0054	U					0.0067	J		<0.0074	U	
		VMP-50-10-080713	8/7/2013	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					<0.014	U		<0.0069	U	
		VMP-50-10-080713-Dup	8/7/2013	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					<0.014	U		<0.007	U	
		VMP-50-10-110713	11/7/2013	<0.021	U		0.0075	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0043	J		<0.0062	U	
		VMP-50-10-022614	2/26/2014	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.0042	U					<0.011	U		<0.0057	J	U
		VMP-50-10-043014	4/30/2014	<0.019	U		<0.014	U		<0.0058	U		<0.0048	J	U	<0.0043	U					0.0095	J		<0.0058	U	
		VMP-50-10-081414	8/14/2014	0.0043	J		0.0091	J		<0.0078	U		0.0014	J		<0.0058	U					0.023			<0.0078	J	U
		VMP-50-10-110614	11/6/2014	<0.022	U		0.0044	J		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U		<0.0065	U	
		VMP-50-10-021015	2/10/2015	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					0.0078	J		<0.0061	U	
		VMP-50-10-050515	5/5/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.031			<0.0065	U	
		VMP-50-10-073015	7/30/2015	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0054	U					<0.015	U		<0.0074	U	
		VMP-50-10-110315	11/3/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	J	U	<0.0045	U					0.0027	J		<0.0062	U	
		VMP-50-10-020216	2/2/2016	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.01	J		<0.006	J	U
		VMP-50-10-050316	5/3/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					<0.012	U		<0.0062	U	
		VMP-50-10-082616	8/26/2016	<0.021	U		0.0022	J		<0.0063	U		<0.0052	U		<0.018	U					0.0075	J		<0.0063	U	
		VMP-50-10-103116	10/31/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.01	J		<0.0065	U	
	20 ft	VMP-50-20-020113	2/1/2013	<0.088	U		0.13			0.0048	J		<0.022	U		<0.019	U		<0.056	U		0.0072	J		0.0069	J	
		VMP-50-20-050713	5/7/2013	<0.17	U		3			<0.051	U		<0.042	U		<0.037	U					<0.1	U		<0.051	U	
		VMP-50-20-080713	8/7/2013	<0.082	U		0.6			<0.024	U		<0.02	U		<0.018	U					<0.049	U		0.0027	J	
		VMP-50-20-110713	11/7/2013	<0.022	U		0.028			<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-50-20-110713-Dup	11/7/2013	<0.023	U		0.031			<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-50-20-022614	2/26/2014	<0.02	U		0.03			<0.0061	U		<0.0051	U		<0.0045	U					0.0062	J		<0.0061	U	
		VMP-50-20-043014	4/30/2014	<0.039	U		0.018	J		<0.012	U		<0.0099	U		<0.0087	U					<0.024	U		<0.012	U	
		VMP-50-20-081414	8/14/2014	<0.023	U		0.019			<0.007	U		<0.0058	U		<0.0051	U					0.0075	J		<0.007	U	
		VMP-50-20-110614	11/6/2014	<0.019	U		0.013	J		<0.0057	U		<0.0048	U		<0.0042	U					<0.011	U		<0.0057	U	
		VMP-50-20-021015	2/10/2015	<0.019	U		0.0053	J		<0.0058	U		<0.0048	U		<0.0042	U					0.048			<0.0058	U	
		VMP-50-20-050515	5/5/2015	<0.024	U		0.0018	J		<0.007	U		<0.0059	U		<0.0052	U					0.0056	J		<0.007	U	
		VMP-50-20-073015	7/30/2015	<0.023	U		0.0038	J		0.001	J		0.0014	J		<0.005	U					0.012	J		<0.0068	U	
		VMP-50-20-110315	11/3/2015	<0.023	U		0.0034	J		<0.0068	U		<0.0056	U		<0.005	U					0.0076	J		0.0025	J	
		VMP-50-20-020216	2/2/2016	<0.027	U		<0.02	U		<0.0082	U		<0.0068	U		<0.006	U					0.0063	J		<0.0082	U	
		VMP-50-20-050316	5/3/2016	<0.026	U		0.0057	J		<0.0079	U		<0.0066	U		<0.0058	U					<0.016	U		<0.0079	U	
		VMP-50-20-082616	8/26/2016	<0.022	U		0.0033	J		<0.0067	U		<0.0056	U		<0.02	U					0.022			<0.0067	U	
		VMP-50-20-103116	10/31/2016	<0.023	U		0.0071	J		<0.0069	U		<0.0058	U		<0.02	U		<0.015	U		0.076			<0.0069	U	
	30 ft	VMP-50-30-020113	2/1/2013	<21	U		1100			19			<5.3	U		<4.7	U		<14	U		3.3	J		30		
		VMP-50-30-050713	5/7/2013	<13	U		960			56			<3.2	U		<2.8	U	UJ				<7.6	U		190		
		VMP-50-30-080713	8/7/2013	<23	U		1700			<7	U		<5.8	U		<5.1	U					<14	U		<7	U	
		VMP-50-30-110713	11/7/2013	<3.7	U		380			8.2			<0.93	U		<0.82	U					<2.2	U		16		
		VMP-50-30-022614	2/26/2014	<3.4	U		250			2.9			<0.86	U		<0.76	U					<2.1	U		5.3		
		VMP-50-30-022614-Dup	2/26/2014	<3.2	U		230			2.9			<0.79	U		<0.7	U					<1.9	U		5		
		VMP-50-30-043014	4/30/2014	<10	U		250			2.3	J		<2.6	U		<2.3	U					<6.2	U		3.6		
		VMP-50-30-043014-DUP	4/30/2014	<10	U		280			2.4	J		<2.5	U		<2.2	U					<6.1	U		3.4		
		VMP-50-30-081414	8/14/2014	<0.86	U		47			0.8			<0.22	U		<0.19	U					<0.52	U	UJ	1.1		
		VMP-50-30-081414-Dup	8/14/2014	<0.8	U		45			0.79			<0.2	U		<0.18	U					<0.48	U	UJ	1		
		VMP-50-30-110614	11/6/2014	<2	U		110			0.99			<0.51	U		<0.45	U					<1.2	U		0.89		
		VMP-50-30-110614-DUP	11/6/2014	<2.3	U		110			1.1			<0.58	U		<0.51	U					<1.4	U		0.84		
		VMP-50-30-021015	2/10/2015	<5.1	U		110			4.8			<1.3	U		<1.1	U					<3.1	U		3.7		
		VMP-50-30-050515	5/5/2015	<4.8	U		76			2.2			<1.2	U		<1.1	U					0.59	J		1.8		
		VMP-50-30-061515-R	6/15/2015	<2.2	U		69			2.5			<0.56	U		<0.5	U					<1.4	U		1.6		
		VMP-50-30-073015	7/30/2015	<3.2	U		41			2.2			<0.81	U		<0.71	U					<1.9	U		1.4		
		VMP-50-30-110315	11/3/2015	<0.22	U		33			<0.066	U		<0.055	U		<0.048	ND,UJ	UJ				<0.13	U		0.58		
		VMP-50-30-020216	2/2/2016	<6.7	U		31			<2	U		<1.7	U		<1.5	U					<4	U		<2	U	
		VMP-50-30-020216-DUP	2/2/2016	<7.5	U		36			<2.2	U		<1.9	U		<1.6	U					<4.5	U		0.63	J	
		VMP-50-30-050316	5/3/2016	<0.78	U		19			<0.24	U		<0.2	U		<0.17	U					<0.47	U		<0.24	U	
		VMP-50-30-080216	8/2/2016	<0.23	U		24			0.15			<0.058	U		<0.051	U					<0.14	U		<0.07	U	
		VMP-50-30-103116	10/31/2016	<0.46	U		53			<0.14	U		<0.12	U		<0.1	U		<0.59	U		<0.28	U		0.2		

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	<0.022	U		0.0019	J		<0.0067	U		<0.0056	U		<0.0049	U		<0.014	U		0.0025	J		<0.0067	U	
		VMP-51-5-050213	5/2/2013	<0.021	U		0.28			<0.0062	U		<0.0052	U		<0.0046	U					<0.012	U		<0.0062	J	U
		VMP-51-5-080713	8/7/2013	<0.045	U		<0.032	U		<0.013	U		<0.011	U		<0.0099	U					<0.027	U		<0.013	U	
		VMP-51-5-103013	10/30/2013	<0.024	U		0.0037	J		<0.0072	U		<0.006	U		<0.0053	U					0.0024	J		<0.0072	U	
		VMP-51-5-021814	2/18/2014	<0.019	U		<0.014	U		<0.0057	U		0.0018	J		<0.0042	U					<0.011	U		<0.0057	U	
		VMP-51-5-042814	4/28/2014	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					<0.015	U		<0.0073	U	
		VMP-51-5-080114	8/1/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					0.0023	J		<0.0064	U	
		VMP-51-05-102914	10/29/2014	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.0043	U					<0.012	U		<0.0058	U	
		VMP-51-5-020315	2/3/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0047	U					0.0044	J		<0.0065	U	
		VMP-51-5-042915	4/29/2015	<0.023	U		<0.016	U		<0.0068	U		0.0024	J		<0.005	U					0.015			<0.0068	U	
		VMP-51-5-072115	7/21/2015	<0.021	U		0.0022	J		0.0046	J		<0.0053	U		<0.0047	U					0.0054	J		0.016		
		VMP-51-5-102815	10/28/2015	<0.025	U		0.019			<0.0074	U		<0.0062	U		<0.0055	U					<0.015	J	U	<0.0074	U	
		VMP-51-5-012516	1/25/2016	<0.018	U		0.0021	J		<0.0055	U		<0.0046	U		<0.004	U					0.018			<0.0055	U	
		VMP-51-5-042816	4/28/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.0089	J		<0.007	U	
		VMP-51-5-072716	7/27/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U					0.014			<0.0069	U	
		VMP-51-5-101916	10/19/2016	<0.023	U		0.0041	J		<0.0069	U		<0.0058	U		<0.02	U		<0.015	U		0.0054	J		<0.0069	U	
	10 ft	VMP-51-10-020113	2/1/2013	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U		<0.014	U		0.0024	J		<0.0068	U	
		VMP-51-10-050213	5/2/2013	<0.023	U		0.15			<0.007	U		<0.0058	U		<0.0052	U					<0.014	U		<0.007	J	U
		VMP-51-10-080713	8/7/2013	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					<0.014	U		<0.0069	U	
		VMP-51-10-103013	10/30/2013	<0.022	U		0.0029	J		0.00016	J		<0.0054	U		<0.0048	U					0.0012	J		0.00046	J	
		VMP-51-10-021814	2/18/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0055	J		<0.0062	U	
		VMP-51-10-042814	4/28/2014	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-51-10-080114	8/1/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0047	U					0.0012	J		<0.0065	U	
		VMP-51-10-102914	10/29/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					<0.013	U		<0.0064	U	
		VMP-51-10-020315	2/3/2015	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					0.0035	J		<0.0059	U	
		VMP-51-10-042915	4/29/2015	<0.022	U		0.0032	J		<0.0067	U		<0.0056	U		<0.0049	U					0.015			<0.0067	U	
		VMP-51-10-072115	7/21/2015	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0054	U					0.0033	J		<0.0074	U	
		VMP-51-10-102815	10/28/2015	<0.022	U		0.0043	J		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	J	U	<0.0066	U	
		VMP-51-10-012516	1/25/2016	0.0012	J		0.0022	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0039	J		<0.0061	U	
		VMP-51-10-042816	4/28/2016	<0.022	U		0.0037	J		0.0036	J		<0.0056	U		<0.0049	U					0.012	J		0.008		
		VMP-51-10-042816-DUP	4/28/2016	0.0016	J		0.0058	J		0.0028	J		0.0041	J		<0.0051	U					0.012	J		0.0079		
		VMP-51-10-072716	7/27/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U					0.0051	J		<0.0071	U	
		VMP-51-10-101916	10/19/2016	<0.019	U		<0.014	U		<0.0057	U		<0.0047	U		<0.017	U		<0.012	U		<0.011	U		<0.0057	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	<0.022	U		0.0086	J		0.0028	J		<0.0054	U		<0.0048	U		0.0097	J		0.011	J		0.0074		
		VMP-51-20-050213	5/2/2013	<0.023	U		0.097			<0.0069	U		0.002	J		<0.005	U					<0.014	U		<0.0069	J	U
		VMP-51-20-080713	8/7/2013	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					<0.014	U		<0.0073	U	
		VMP-51-20-103013	10/30/2013	<0.022	U		0.0026	J		<0.0065	U		0.00064	J		<0.0048	U					0.0028	J		<0.0065	U	
		VMP-51-20-021814	2/18/2014	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-51-20-042814	4/28/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					<0.013	U		<0.0064	U	
		VMP-51-20-080114	8/1/2014	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-51-20-102914	10/29/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-51-20-020315	2/3/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-51-20-042915	4/29/2015	<0.021	U		0.0026	J		<0.0062	U		<0.0052	U		<0.0045	U					0.016			<0.0062	U	
		VMP-51-20-072115	7/21/2015	<0.029	U		0.23			<0.0088	U		<0.0073	U		<0.0064	U					<0.018	U		<0.0088	U	
		VMP-51-20-102815	10/28/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	J	U	<0.0062	U	
		VMP-51-20-012516	1/25/2016	<0.022	U		0.0014	J		0.0058	J		<0.0054	U		<0.0047	U					0.0073	J		0.017		
		VMP-51-20-042816	4/28/2016	<0.026	U		<0.018	U		<0.0077	U		<0.0064	U		<0.0057	U					0.0043	J		<0.0077	U	
		VMP-51-20-052516-R	5/25/2016	<0.022	U		0.0063	J		0.00072	J		0.0016	J		<0.005	U					0.058			<0.0068	U	
		VMP-51-20-072716	7/27/2016	<0.026	U		0.002	J		<0.0079	U		<0.0066	U		<0.023	U					0.011	J		<0.0079	U	
		VMP-51-20-101916-Dup	10/19/2016	<0.021	U		0.01	J		<0.0063	U		<0.0052	U		<0.018	U		<0.013	U		0.0085	J		<0.0063	U	
		VMP-51-20-101916	10/19/2016	<0.02	U		0.0062	J		<0.0062	U		<0.0051	U		<0.018	U		<0.013	U		<0.012	J	U	<0.0062	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	30 ft	VMP-51-30-020413	2/4/2013	<0.024	U		0.016	J		<0.0071	U		<0.0059	U		<0.0052	U		<0.015	U	UJ	0.0016	J		<0.0071	U	
		VMP-51-30-020413-DUP	2/4/2013	<0.023	U		0.032			<0.0069	U		<0.0058	U		<0.0051	U		<0.015	U	UJ	0.0031	J		<0.0069	U	
		VMP-51-30-050213	5/2/2013	<0.024	U		0.068			<0.007	U		<0.0059	U		<0.0052	U					<0.014	U		<0.007	J	U
		VMP-51-30-080713	8/7/2013	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0055	U					<0.015	U		<0.0074	U	
		VMP-51-30-103013	10/30/2013	<0.043	U		<0.031	U		<0.013	U		<0.011	U		<0.0094	U					0.015	J		0.0021	J	
		VMP-51-30-021814	2/18/2014	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-51-30-042814	4/28/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					<0.013	U		<0.0064	U	
		VMP-51-30-080114	8/1/2014	<0.023	U		<0.016	U		<0.0069	U		<0.0057	U		<0.005	U					0.002	J		<0.0069	U	
		VMP-51-30-102914	10/29/2014	<0.021	U		0.0035	J		<0.0063	U		<0.0053	U		<0.0046	U					<0.013	U		<0.0063	U	
		VMP-51-30-102914-DUP	10/29/2014	<0.022	U		0.0043	J		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-51-30-020315	2/3/2015	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.0035	J		<0.0061	U	
		VMP-51-30-020315-DUP	2/3/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U		<0.0065	U	
		VMP-51-30-042915	4/29/2015	<0.022	U		0.0062	J		<0.0067	U		<0.0056	U		<0.0049	U					0.021			<0.0067	U	
		VMP-51-30-042915-DUP	4/29/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.015			<0.0065	U	
		VMP-51-30-072115	7/21/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.0028	J		<0.0063	U	
		VMP-51-30-102815	10/28/2015	<0.025	U		<0.018	U		<0.0076	U		<0.0064	U		<0.0056	U					<0.015	J	U	<0.0076	U	
		VMP-51-30-012516	1/25/2016	<0.022	U		0.0014	J		<0.0067	U		<0.0056	J	U	<0.0049	U					0.019			<0.0067	U	
		VMP-51-30-012516-DUP	1/25/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	J	U	<0.0048	U					0.035			<0.0065	U	
		VMP-51-30-042816	4/28/2016	0.0038	J		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.0037	J		<0.0063	U	
		VMP-51-30-072716	7/27/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U					0.0068	J		<0.0066	J	U
		VMP-51-30-072716-DUP	7/27/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U					0.0068	J		<0.0065	J	U
		VMP-51-30-101916	10/19/2016	<0.023	U		0.026			<0.0068	U		<0.0057	U		<0.02	U		<0.014	U		0.033			<0.0068	U	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	<0.021	U		0.005	J		<0.0062	U		0.0099			<0.0045	U		<0.013	U		0.0079	J		<0.0062	U	
		VMP-52-5-050213	5/2/2013	<0.024	U		0.011	J		<0.0073	U		<0.0061	U		<0.0054	U					<0.015	U		<0.0073	J	U
		VMP-52-5-050213-Dup	5/2/2013	<0.023	U		0.038			<0.0069	J	U	<0.0057	U		<0.005	U					<0.014	U		<0.0069	J	U
		VMP-52-5-080713	8/7/2013	<0.023	U		0.0025	J		<0.0069	U		0.00099	J		<0.0051	U					0.003	J		<0.0069	U	
		VMP-52-5-103013	10/30/2013	<0.021	U		0.0029	J		<0.0064	U		0.00034	J		<0.0047	U					0.0068	J		0.00026	J	
		VMP-52-5-022114	2/21/2014	<0.021	U		0.015	J		<0.0064	U		<0.0053	U		<0.0047	U					0.0073	J		0.00078	J	
		VMP-52-5-050514	5/5/2014	<0.021	U		<0.015	U		<0.0062	U		0.00089	J		<0.0046	U					<0.012	U		<0.0062	U	
		VMP-52-5-050514-Dup	5/5/2014	<0.02	U		0.0084	J		<0.0059	U		<0.005	U		<0.0044	U					0.0043	J		<0.0059	U	
		VMP-52-5-080114	8/1/2014	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-52-5-103114	10/31/2014	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					<0.012	U		<0.0059	U	
		VMP-52-5-020415	2/4/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0019	J		<0.0062	U	
		VMP-52-5-042915	4/29/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-52-5-072715	7/27/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-52-5-102915	10/29/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.0037	J		<0.0068	U	
		VMP-52-5-012516	1/25/2016	<0.022	U		0.0017	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0045	J		<0.0065	U	
		VMP-52-5-042516	4/25/2016	<0.02	U		0.15			<0.0061	U		<0.005	U		<0.0044	U					0.25			<0.0061	U	
		VMP-52-5-072716	7/27/2016	0.0013	J		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					0.003	J		<0.0072	U	
		VMP-52-5-102716	10/27/2016	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.018	U		<0.013	U		0.0065	J		<0.006	U	
	10 ft	VMP-52-10-020413	2/4/2013	<0.02	U		0.0047	J		<0.0059	U		<0.0049	U		<0.0043	U		<0.012	U		0.0026	J		<0.0059	U	
		VMP-52-10-051613	5/16/2013	<0.023	U		0.038			0.0011	J		<0.0058	U		<0.0052	U					0.0049	J		<0.007	J	U
		VMP-52-10-080713	8/7/2013	<0.024	U		0.0035	J		<0.0071	U		0.0011	J		<0.0052	U					0.0023	J		<0.0071	U	
		VMP-52-10-103013	10/30/2013	<0.022	U		0.0043	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0017	J		<0.0065	U	
		VMP-52-10-022114	2/21/2014	<0.021	U		0.0052	J		<0.0063	U		0.0053			<0.0046	U					<0.012	U		<0.0063	U	
		VMP-52-10-080114	8/1/2014	<0.023	U		<0.016	U		<0.0069	U		<0.0057	U		<0.005	U					<0.014	U		<0.0069	U	
		VMP-52-10-103114	10/31/2014	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-52-10-020415	2/4/2015	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					0.0028	J		<0.0064	U	
		VMP-52-10-042915	4/29/2015	<0.027	U		<0.019	U		<0.0081	U		<0.0067	U		<0.0059	U					<0.016	U		<0.0081	U	
		VMP-52-10-072715	7/27/2015	<0.022	U		0.0023	J		<0.0066	U		<0.0055	U		<0.0049	U					<0.013	U		<0.0066	U	
		VMP-52-10-102915	10/29/2015	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					0.0085	J		<0.0073	U	
		VMP-52-10-012516	1/25/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0021	J		<0.0062	U	
		VMP-52-10-042516	4/25/2016	0.0016	J		<0.018	U		<0.0076	U		<0.0064	U		<0.0056	U					0.012	J		<0.0076	U	
		VMP-52-10-072716	7/27/2016	0.0013	J		<0.018	U		<0.0077	U		<0.0064	U		<0.022	U					0.02			<0.0077	U	
		VMP-52-10-102716	10/27/2016	<0.022	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U		<0.014	U		<0.014	U		<0.0068	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-52	20 ft	VMP-52-20-020413	2/4/2013	<0.022	U		0.053			<0.0066	U		<0.0055	U		<0.0048	U		<0.014	U	UJ	0.006	J		<0.0066	J	U
		VMP-52-20-020413-DUP	2/4/2013	<0.021	U		0.03			<0.0063	U		<0.0053	U		<0.0046	U		<0.013	U	UJ	0.0014	J		<0.0063	U	
		VMP-52-20-050213	5/2/2013	<0.025	U		0.051			<0.0074	U		<0.0062	U		<0.0054	U					<0.015	U		<0.0074	J	U
		VMP-52-20-080713	8/7/2013	<0.025	U		0.0072	J		<0.0076	U		0.0012	J		<0.0056	U					0.0068	J		<0.0076	U	
		VMP-52-20-103013	10/30/2013	<0.024	U		0.0063	J		0.00028	J		<0.006	U		<0.0053	U					0.0041	J		0.00056	J	
		VMP-52-20-022114	2/21/2014	<0.023	U		0.0053	J		0.0007	J		<0.0057	U		<0.005	U					0.011	J		0.0018	J	
		VMP-52-20-042914	4/29/2014	<0.022	U		0.0037	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0021	J		<0.0065	U	
		VMP-52-20-082014-R	8/20/2014	<0.022	U		0.0075	J		<0.0068	U		<0.0056	U		<0.005	U	UJ				<0.014	U		<0.0068	U	
		VMP-52-20-103114	10/31/2014	<0.021	U		0.018			<0.0063	U		<0.0052	U		<0.0046	U					0.0067	J		<0.0063	U	
		VMP-52-20-020415	2/4/2015	<0.022	U		0.0024	J		<0.0066	U		<0.0055	U		<0.0049	U					0.0045	J		<0.0066	U	
		VMP-52-20-042915	4/29/2015	<0.022	U		0.0032	J		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-52-20-072715	7/27/2015	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					<0.014	U		<0.007	U	
		VMP-52-20-102915	10/29/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0089	J		<0.0065	U	
		VMP-52-20-012516	1/25/2016	<0.023	U		0.0028	J		<0.0068	U		<0.0056	U		<0.005	U					0.003	J		0.0014	J	
		VMP-52-20-042516	4/25/2016	0.00099	J		0.0025	J		<0.0073	U		<0.0061	U		<0.0053	U					0.0034	J		<0.0073	U	
		VMP-52-20-072716	7/27/2016	<0.027	U		<0.019	U		<0.0081	U		<0.0067	U		<0.024	U					0.0048	J		<0.0081	U	
		VMP-52-20-102716	10/27/2016	<0.021	U		0.0096	J		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		<0.012	U		<0.0062	U	
	30 ft	VMP-52-30-020413	2/4/2013	<0.023	U		0.043			<0.0069	U		<0.0058	U		<0.0051	U		<0.015	U	UJ	<0.014	U		<0.0069	U	
		VMP-52-30-050613	5/6/2013	<0.022	U		0.014	J		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-52-30-080713	8/7/2013	<0.024	U		0.0096	J		<0.0071	U		0.0014	J		<0.0052	U					0.003	J		<0.0071	U	
		VMP-52-30-103013	10/30/2013	<0.023	U		0.013	J		<0.0069	U		<0.0058	U		<0.0051	U					0.0016	J		<0.0069	U	
		VMP-52-30-022114	2/21/2014	<0.021	U		0.0065	J		<0.0063	U		<0.0053	U		<0.0046	U					0.0054	J		<0.0063	U	
		VMP-52-30-022114-Dup	2/21/2014	<0.02	U		0.006	J		<0.0062	U		<0.0051	U		<0.0045	U					0.0074	J		<0.0062	U	
		VMP-52-30-042914	4/29/2014	<0.02	U		0.0059	J		<0.0061	U		<0.0051	U		<0.0045	U					<0.012	U		<0.0061	U	
		VMP-52-30-042914-DUP	4/29/2014	0.0036	J		0.0086	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0018	J		<0.0071	U	
		VMP-52-30-080114	8/1/2014	<0.022	U		0.0041	J		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-52-30-080114-Dup	8/1/2014	<0.021	U		0.0047	J		<0.0064	U		<0.0054	U		<0.0047	U					0.0052	J		<0.0064	U	
		VMP-52-30-103114	10/31/2014	<0.022	U		0.0061	J		<0.0066	U		<0.0055	U		<0.0048	U					<0.013	U		<0.0066	U	
		VMP-52-30-020415	2/4/2015	<0.023	U		0.0048	J		<0.0069	U		<0.0058	U		<0.0051	U					0.011	J		<0.0069	U	
		VMP-52-30-020415-DUP	2/4/2015	<0.022	U		0.0042	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0088	J		<0.0065	U	
		VMP-52-30-042915	4/29/2015	<0.02	U		0.0087	J		<0.0059	U		<0.005	U		<0.0044	U					<0.012	U		<0.0059	U	
		VMP-52-30-072715	7/27/2015	<0.023	U		0.0039	J		<0.007	U		<0.0058	U		<0.0052	U					<0.014	U		<0.007	U	
		VMP-52-30-102915	10/29/2015	<0.021	U		0.012	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0063	J		<0.0062	U	
		VMP-52-30-020216-R	2/2/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.018			<0.0071	U	
		VMP-52-30-042516	4/25/2016	<0.022	U		0.0036	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0059	J		<0.0065	U	
		VMP-52-30-072716	7/27/2016	<0.027	U		<0.019	U		<0.0081	U		<0.0068	U		<0.024	U					<0.016	U		<0.0081	U	
		VMP-52-30-102716	10/27/2016	<0.024	U		0.0045	J		<0.0073	U		<0.0061	U		<0.021	U		<0.016	U		<0.014	U		<0.0073	U	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	<0.021	U		0.0017	J		<0.0063	U		<0.0053	U		<0.0046	U		<0.014	U		0.0028	J		<0.0063	U	
		VMP-53-5-050213	5/2/2013	<0.025	U		0.029			<0.0075	U		<0.0063	U		<0.0055	U					0.015			<0.0075	U	
		VMP-53-5-071113-R	7/11/2013	<0.034	U		0.013	J		<0.01	U		<0.0084	U		<0.0074	U					<0.02	U		0.002	J	
		VMP-53-5-080613	8/6/2013	<0.044	U		0.012	J		<0.013	U		<0.011	U		<0.0097	U					<0.026	U		<0.013	U	
		VMP-53-5-103013	10/30/2013	<0.041	U		0.0034	J		<0.012	U		0.00093	J		<0.009	U					0.01	J		<0.012	U	
		VMP-53-5-022114	2/21/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.011	J		<0.0062	U	
		VMP-53-5-042514	4/25/2014	<0.022	U		0.0024	J		<0.0067	U		<0.0056	U		<0.0049	U					0.088			<0.0067	U	
		VMP-53-5-073014	7/30/2014	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U		<0.0065	U	
		VMP-53-5-102914	10/29/2014	<0.025	U		<0.018	U		<0.0075	U		<0.0062	U		<0.0055	U					<0.015	U		<0.0075	U	
		VMP-53-5-020415	2/4/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.0046	J		<0.0068	U	
		VMP-53-5-050415	5/4/2015	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.0053	U					0.04			<0.0072	U	
		VMP-53-5-072415	7/24/2015	<0.025	U		0.0083	J	J	<0.0076	U		<0.0063	U		<0.0056	U					0.0047	J	J	<0.0076	U	
		VMP-53-5-102815	10/28/2015	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					<0.014	J	U	<0.0073	U	
		VMP-53-5-012816	1/28/2016	<0.022	U		<0.016	U		0.0036	J		<0.0055	U		<0.0048	U					0.019			0.01		
		VMP-53-5-042816	4/28/2016	0.0013	J		0.047			<0.0061	U		<0.0051	U		<0.0045	U					0.13			<0.0061	U	
		VMP-53-5-072916	7/29/2016	<0.026	U		<0.018	U		0.0017	J		<0.0064	U		<0.023	U					0.0058	J		0.003	J	
		VMP-53-5-102516	10/25/2016	<0.022	U		0.0064	J		<0.0067	U		<0.0056	U		<0.02	U		<0.014	U		0.016			<0.0067	U	
		VMP-53-5-120916	12/9/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		0.0029	J		<0.0062	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	10 ft	VMP-53-10-020513	2/5/2013	<0.022	U		0.013	J		<0.0065	U		<0.0054	U		<0.0048	U		<0.014	U		0.0052	J		<0.0065	U	
		VMP-53-10-020513-DUP	2/5/2013	<0.02	U		0.0065	J		<0.0061	U		<0.005	U		<0.0044	U		<0.013	U		0.0014	J		<0.0061	U	
		VMP-53-10-050313	5/3/2013	<0.023	U		3.3			0.018			<0.0057	U		<0.005	U					<0.014	U		0.0095		
		VMP-53-10-071113-R	7/11/2013	<0.025	U		<0.018	U		<0.0076	U		<0.0063	U		<0.0056	U					<0.015	U		0.0009	J	
		VMP-53-10-080613	8/6/2013	<0.047	U		0.052			<0.014	U		<0.012	U		<0.01	U					<0.028	U		<0.014	U	
		VMP-53-10-080613-Dup	8/6/2013	<0.024	U		0.055			<0.007	U		<0.0059	U		<0.0052	U					<0.014	U		<0.007	U	
		VMP-53-10-103013	10/30/2013	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-53-10-022114	2/21/2014	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0075	J		<0.0062	U	
		VMP-53-10-042514	4/25/2014	<0.022	U		0.0027	J		<0.0067	U		<0.0056	U		<0.0049	U					0.0037	J		<0.0067	U	
		VMP-53-10-073014	7/30/2014	<0.024	U		0.04			<0.0071	U		0.0013	J		<0.0052	U					0.019			<0.0071	U	
		VMP-53-10-102914	10/29/2014	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-53-10-020415	2/4/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.0037	J		<0.0068	U	
		VMP-53-10-050415	5/4/2015	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.018			<0.0061	U	
		VMP-53-10-072415	7/24/2015	<0.023	U		0.04		J	<0.0068	U		<0.0057	U		<0.005	U					0.0063	J	J	<0.0068	U	
		VMP-53-10-102815	10/28/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.03			<0.0063	U	
		VMP-53-10-012816	1/28/2016	<0.026	U		<0.019	U		<0.0078	U		<0.0065	U		<0.0057	U					0.014	J		<0.0078	U	
		VMP-53-10-042816	4/28/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0052	U					0.0045	J		<0.007	U	
		VMP-53-10-082616	8/26/2016	<0.02	U		<0.015	U		<0.0062	U		<0.0051	U		<0.018	U					0.0071	J		<0.0062	U	
		VMP-53-10-102516	10/25/2016	<0.023	U		0.005	J		<0.0068	U		<0.0057	U		<0.02	U		<0.014	U		0.0034	J		<0.0068	U	
		VMP-53-10-120916	12/9/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.018	U		0.0033	J		0.0038	J		0.001	J	
	20 ft	VMP-53-20-020513	2/5/2013	<0.022	U		0.006	J		<0.0065	U		<0.0054	U		<0.0048	U		<0.014	U		0.0017	J		<0.0065	J	U
		VMP-53-20-050313	5/3/2013	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-53-20-071113-R	7/11/2013	<0.026	U		0.0089	J		<0.0078	U		<0.0065	U		<0.0057	U					<0.016	U		<0.0078	U	
		VMP-53-20-080613	8/6/2013	<0.024	U		0.0081	J		0.0031	J		0.0051	J		<0.0054	U					0.018			<0.0073	U	
		VMP-53-20-103013	10/30/2013	<0.023	U		0.0042	J		<0.0068	U		0.00031	J		<0.005	U					0.015			<0.0068	U	
		VMP-53-20-103013-Dup	10/30/2013	<0.022	U		0.0047	J		0.00022	J		<0.0056	U		<0.0049	U					0.0089	J		<0.0067	U	
		VMP-53-20-022114	2/21/2014	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.005	J		<0.0061	U	
		VMP-53-20-042514	4/25/2014	<0.023	U		0.0046	J		<0.0069	U		<0.0057	U		<0.005	U					0.0038	J		<0.0069	U	
		VMP-53-20-073014	7/30/2014	<0.023	U		0.0054	J		<0.0068	U		<0.0056	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-53-20-102914	10/29/2014	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0052	U					<0.014	U		<0.007	U	
		VMP-53-20-020415	2/4/2015	<0.046	U		<0.033	U		<0.014	U		<0.011	U		<0.01	U					0.0082	J		<0.014	U	
		VMP-53-20-050415	5/4/2015	<0.022	U		0.0017	J		<0.0067	U		<0.0056	U		<0.0049	U					0.014			<0.0067	U	
		VMP-53-20-072415	7/24/2015	<0.025	U		0.013	J	J	<0.0075	U		<0.0062	U		<0.0055	U					0.0044	J	J	<0.0075	U	
		VMP-53-20-102815	10/28/2015	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					<0.014	U		<0.0073	U	
		VMP-53-20-021616	2/16/2016	<0.026	U		0.0017	J		<0.0079	U		<0.0066	U		<0.0058	U					0.054			<0.0079	U	
		VMP-53-20-042816	4/28/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U					0.0028	J		<0.0066	U	
		VMP-53-20-072916	7/29/2016	<0.025	U		0.0057	J		<0.0075	U		<0.0062	U		<0.022	U					0.024			<0.0075	U	
		VMP-53-20-102516	10/25/2016	<0.038	U		0.018	J		<0.012	U		<0.0096	U		<0.034	U		<0.025	U		0.036			<0.012	U	
		VMP-53-20-120916	12/9/2016	<0.021	U		0.0051	J		<0.0062	U		<0.0052	U		<0.018	U		<0.013	U		0.016			<0.0062	U	
	30 ft	VMP-53-30-020513	2/5/2013	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0048	U		<0.014	U		0.0012	J		<0.0066	U	
		VMP-53-30-050313	5/3/2013	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-53-30-071113-R	7/11/2013	<0.027	U		<0.019	U		<0.0081	U		<0.0067	U		<0.0059	U					<0.016	U		<0.0081	U	
		VMP-53-30-080613	8/6/2013	<0.027	U		<0.02	U		<0.0081	U		<0.0068	U		<0.006	U					0.0097	J		<0.0081	U	
		VMP-53-30-103013	10/30/2013	<0.023	U		0.0034	J		<0.007	U		<0.0058	U		<0.0051	U					0.0025	J		<0.007	U	
		VMP-53-30-022114	2/21/2014	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.0042	U					0.0049	J		<0.0058	U	
		VMP-53-30-042514	4/25/2014	<0.022	U		0.002	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0029	J		<0.0066	U	
		VMP-53-30-042514-DUP	4/25/2014	<0.023	U		0.002	J		<0.0069	U		<0.0058	U		<0.0051	U					0.0032	J		<0.0069	U	
		VMP-53-30-073014	7/30/2014	<0.022	U		0.0073	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0044	J		<0.0066	U	
		VMP-53-30-073014-Dup	7/30/2014	<0.024	U		0.0053	J		<0.0072	U		<0.006	U		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-53-30-102914	10/29/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					<0.013	U		<0.0064	U	
		VMP-53-30-020415	2/4/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0054	J		<0.0063	U	
		VMP-53-30-050415	5/4/2015	<0.024	U		<0.018	U		<0.0074	U		<0.0061	U		<0.0054	U					0.012	J		<0.0074	U	
		VMP-53-30-072415	7/24/2015	0.002	J	J	<0.017	J	U	<0.007	U		<0.0058	U		<0.0051	U					0.0044	J	J	<0.007	U	
		VMP-53-30-102815	10/28/2015	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					0.0099	J		<0.0073	U	
		VMP-53-30-012816	1/28/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.0049	U					<0.013	J	U	<0.0066	U	
		VMP-53-30-042816	4/28/2016	<0.025	U		<0.018	U		<0.0075	U		<0.0063	U		<0.0055	U					0.0046	J		<0.0075	U	
		VMP-53-30-052516-R	5/25/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					0.0052	J		<0.0064	U	
		VMP-53-30-072916	7/29/2016	<0.018	U		0.0049	J		<0.0053	U		<0.0044	U		<0.016	U					0.16			<0.0053	U	
		VMP-53-30-102516	10/25/2016	<0.041	U		<0.03	U		<0.012	U		<0.01	U		<0.036	U		<0.026	U		0.0051	J		<0.012	U	
		VMP-53-30-120916	12/9/2016	<0.023	U		0.012	J		<0.007	U		<0.0058	U		<0.021	U		<0.015	U		0.0045	J		<0.007	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	<0.023	U		0.028			<0.0068	J	U	<0.0056	U		<0.005	U		0.0055	J		0.0058	J		0.011		
		VMP-54-5-050213	5/2/2013	<0.021	U		0.01	J		<0.0062	U		<0.0052	U		<0.0046	U					<0.012	U		<0.0062	U	
		VMP-54-5-080613	8/6/2013	<0.027	U		0.01	J		<0.0081	U		0.0017	J		<0.0059	U					0.0061	J		<0.0081	U	
		VMP-54-5-103013	10/30/2013	<0.022	U		0.0034	J		<0.0067	U		<0.0056	U		<0.0049	U					0.0023	J		<0.0067	J	U
		VMP-54-5-021014	2/10/2014	<0.022	U		0.0041	J		<0.0065	U		<0.0054	U		<0.0048	U	UJ				0.0041	J		0.0016	J	
		VMP-54-5-042514	4/25/2014	<0.023	U		<0.016	U		<0.0069	U		<0.0057	U		<0.005	U					0.0015	J		<0.0069	U	
		VMP-54-5-073014	7/30/2014	<0.021	U		<0.015	U		<0.0062	U		0.00088	J		<0.0046	U					<0.012	U		<0.0062	U	
		VMP-54-5-102914	10/29/2014	<0.022	U		0.01	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0037	J		<0.0066	U	
		VMP-54-5-020515	2/5/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.13			<0.0062	U	
		VMP-54-5-050415	5/4/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0062	J		<0.0063	U	
		VMP-54-5-072415	7/24/2015	0.0016	J	J	<0.018	J	U	<0.0076	U		<0.0064	U		<0.0056	U					0.0038	J	J	<0.0076	U	
		VMP-54-5-102715	10/27/2015	<0.019	U		<0.014	U		<0.0057	U		<0.0048	U		<0.0042	U					<0.011	U		<0.0057	U	
		VMP-54-5-012816	1/28/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0052	U					0.0028	J		<0.007	U	
		VMP-54-5-042916	4/29/2016	0.001	J		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					0.0096	J		<0.0061	U	
		VMP-54-5-080116	8/1/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.02	U					0.0069	J		<0.0068	U	
		VMP-54-5-102816	10/28/2016	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.018	U		<0.013	U		0.013			<0.0061	U	
	10 ft	VMP-54-10-020613	2/6/2013	<0.023	U		0.0039	J		<0.0069	U		<0.0058	U		<0.0051	U		<0.015	U		0.0042	J		<0.0069	J	U
		VMP-54-10-050213	5/2/2013	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					<0.014	U		<0.0073	J	U
		VMP-54-10-080613	8/6/2013	<0.024	U		0.011	J		<0.0072	U		<0.006	U		<0.0053	U					0.0051	J		<0.0072	U	
		VMP-54-10-103013	10/30/2013	<0.022	U		0.0061	J		<0.0066	U		0.00067	J		<0.0049	U					0.026			<0.0066	U	
		VMP-54-10-021014	2/10/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U	UJ				0.0032	J		<0.0064	U	
		VMP-54-10-050814-R	5/8/2014	<0.023	U		0.046			<0.0068	U		<0.0056	U		<0.005	U					0.21			<0.0068	U	
		VMP-54-10-073014	7/30/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					<0.013	U		<0.0064	U	
		VMP-54-10-102914	10/29/2014	<0.023	U		0.011	J		<0.0068	J	U	0.004	J		<0.005	U					0.016			<0.0068	U	
		VMP-54-10-020515	2/5/2015	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.021			<0.0071	U	
		VMP-54-10-050415	5/4/2015	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					0.0041	J		<0.0073	U	
		VMP-54-10-072415	7/24/2015	0.0026	J	J	<0.019	U		<0.0081	U		<0.0067	U		<0.0059	U					0.0072	J	J	<0.0081	U	
		VMP-54-10-102715	10/27/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					<0.012	U		<0.0062	U	
		VMP-54-10-012816	1/28/2016	<0.023	U		<0.017	U		0.0021	J		<0.0058	U		<0.0051	U					0.009	J		0.0062	J	
		VMP-54-10-042916	4/29/2016	<0.024	U		0.0035	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0016	J		<0.0071	U	
		VMP-54-10-080116	8/1/2016	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.021	U					0.0098	J		<0.0073	U	
		VMP-54-10-102816	10/28/2016	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U		<0.014	U		<0.014	U		<0.0068	U	
	20 ft	VMP-54-20-020613	2/6/2013	<0.023	U		0.003	J		<0.0068	U		<0.0056	U		<0.005	U		<0.014	U	UJ	0.0083	J		<0.0068	J	U
		VMP-54-20-020613-DUP	2/6/2013	<0.023	U		0.012	J		<0.0068	U		<0.0056	U		<0.005	U		<0.014	U	UJ	0.014			<0.0068	J	U
		VMP-54-20-050213	5/2/2013	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-54-20-080613	8/6/2013	<0.026	U		0.0059	J		<0.0078	U		<0.0065	U		<0.0057	U					<0.016	U		<0.0078	U	
		VMP-54-20-103013	10/30/2013	<0.023	U		0.0014	J		<0.0068	U		<0.0057	U		<0.005	U					0.0013	J		<0.0068	U	
		VMP-54-20-021014	2/10/2014	<0.022	U		0.0025	J		<0.0066	U		<0.0055	U		<0.0048	U	UJ				0.0033	J		<0.0066	U	
		VMP-54-20-042514	4/25/2014	<0.021	U		0.0016	J		<0.0064	U		0.001	J		<0.0047	U					0.0049	J		<0.0064	U	
		VMP-54-20-073014	7/30/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					<0.012	U		<0.0063	U	
		VMP-54-20-102914	10/29/2014	<0.021	U		0.014	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0056	J		<0.0062	U	
		VMP-54-20-020515	2/5/2015	<0.019	U		0.011	J		<0.0057	U		<0.0048	U		<0.0042	U					0.024			<0.0057	U	
		VMP-54-20-050415	5/4/2015	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.01	J		<0.007	U	
		VMP-54-20-072415	7/24/2015	<0.025	U		<0.018	J	U	<0.0075	U		<0.0062	U		<0.0055	U					0.0036	J	J	<0.0075	U	
		VMP-54-20-102715	10/27/2015	<0.019	U		0.005	J		<0.0057	U		<0.0048	U		<0.0042	U					0.0043	J		<0.0057	U	
		VMP-54-20-102715-DUP	10/27/2015	<0.019	U		0.0047	J		<0.0057	U		<0.0048	U		<0.0042	U					0.0022	J		<0.0057	U	
		VMP-54-20-012816	1/28/2016	<0.025	U		<0.018	U		<0.0074	U		<0.0062	U		<0.0054	U					0.0087	J		<0.0074	U	
		VMP-54-20-050516	5/5/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.0013	J		0.0023	J	
		VMP-54-20-050516-DUP	5/5/2016	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					<0.014	U		0.0026	J	
		VMP-54-20-080116	8/1/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.021	U					0.0051	J		<0.0071	U	
		VMP-54-20-102816	10/28/2016	<0.022	U		<0.016	U		<0.0066	U		<0.0055	U		<0.019	U		<0.014	U		0.016			<0.0066	U	
	30 ft	VMP-54-30-020613	2/6/2013	<0.024	U		0.0045	J		<0.0073	U		<0.0061	U		<0.0053	U		<0.016	U	UJ	0.0042	J		<0.0073	U	
		VMP-54-30-020613-DUP	2/6/2013	<0.024	U		0.0023	J		<0.0073	U		<0.0061	U		<0.0053	U		<0.016	U	UJ	0.0034	J		<0.0073	U	
		VMP-54-30-050213	5/2/2013	<0.024	U		0.008	J		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-54-30-050213-Dup	5/2/2013	<0.024	U		0.012	J		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	J	U
		VMP-54-30-103013	10/30/2013	0.00051	J		0.0022	J		0.00017	J		0.00086	J		<0.0054	U					0.015			<0.0073	U	
		VMP-54-30-021014	2/10/2014	<0.02	U		<0.015	U		0.00059	J		<0.0051	U		<0.0045	U	UJ				<0.012	U		0.0015	J	
		VMP-54-30-042514	4/25/2014	<0.024	U		0.017			<0.0071	U		<0.0059	U		<0.0052	U					0.0096	J		<0.0071	U	
		VMP-54-30-073014	7/30/2014	<0.024	U		<0.017	U		<0.007	U		<0.0059	U		<0.0052	U					<0.014	U		<0.007	U	
		VMP-54-30-110614-R	11/6/2014	<0.021	U		<0.015	U		<0.0063	U		0.0014	J		<0.0046	U					0.0093	J		<0.0063	U	
		VMP-54-30-021215	2/12/2015	<0.02	U		0.0082	J		<0.006	U		<0.005	U		<0.0044	U					0.0098	J		<0.006	U	
		VMP-54-30-050415	5/4/2015	<0.024	U		0.0071	J		<0.0071	U		<0.0059	U		<0.0052	U					0.03			<0.0071	U	
		VMP-54-30-080315	8/3/2015	<0.025	ND,UJ	UJ	0.0055	J		<0.0076	U		<0.0063	U		<0.0056	U					0.0069	J		<0.0076	U	
		VMP-54-30-102715	10/27/2015	<0.019	U		0.0057	J		<0.0058	U		<0.0049	U		<0.0043	U					0.003	J		<0.0058	U	
		VMP-54-30-012816	1/28/2016	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.0045	J		<0.0071	U	
		VMP-54-30-042916	4/29/2016	<0.022	U		0.041			<0.0065	U		<0.0054	U		<0.0048	U					<0.013	U		<0.0065	U	
		VMP-54-30-042916-DUP	4/29/2016	<0.022	U		0.042			<0.0066	U		<0.0055	U		<0.0048	U					0.0012	J		<0.0066	U	
		VMP-54-30-080116	8/1/2016	<0.022	U		0.01	J		<0.0066	U		<0.0055	U		<0.019	U					0.022			<0.0066	U	
		VMP-54-30-102816	10/28/2016	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.019	U		<0.014	U		<0.013	U		<0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-110414	11/4/2014	<0.023	U		0.0082	J		<0.007	U		<0.0058	U		<0.0052	U					0.012	J		<0.007	U	
		VMP-55-5-110414-DUP	11/4/2014	<0.018	U		0.0033	J		<0.0056	U		<0.0046	U		<0.0041	U					0.0066	J		<0.0056	U	
		VMP-55-5-020515	2/5/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.067			<0.0063	U	
		VMP-55-5-050615	5/6/2015	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.0075	J	J	<0.0062	U	
		VMP-55-5-110215	11/2/2015	<0.15	U		0.075	J		0.25			<0.038	U		0.031	J					<0.092	U		0.49		
		VMP-55-5-020416	2/4/2016	<0.22	U		<0.16	U		<0.065	U		<0.054	U		<0.048	U					<0.13	U		<0.065	U	
		VMP-55-5-082616	8/26/2016	<0.025	U		<0.018	U		<0.0075	U		0.002	J		<0.022	U					0.0069	J		<0.0075	U	
	20 ft	VMP-55-20-021513	2/15/2013	<56	U		4500			<17	U		<56	U		<12	U		<72	U		<34	U		<17	U	
		VMP-55-20-050113	5/1/2013	<95	U		11000			<28	U		<24	U		<21	U					<57	U		<28	U	
		VMP-55-20-080713	8/7/2013	<13	U		1800			<3.9	U		<3.2	U		<2.8	U					<7.8	U		<3.9	U	
		VMP-55-20-110813	11/8/2013	<3.6	U		280			<1.1	U		<0.9	U		<0.8	U					<2.2	U		<1.1	U	
		VMP-55-20-021814	2/18/2014	<0.97	U		1400			0.083	J		<0.24	U		<0.21	U					<0.58	U		<0.29	U	
		VMP-55-20-050514	5/5/2014	<10	U		790			<3.1	U		<2.6	U		<2.3	U					<6.2	U		<3.1	U	
		VMP-55-20-050514-Dup	5/5/2014	<11	U		810			<3.4	U		<2.8	U		<2.5	U					<6.8	U		<3.4	U	
		VMP-55-20-081314	8/13/2014	<4.3	U		15			<1.3	U		<1.1	U		<0.94	U					<2.6	U	UJ	<1.3	U	
		VMP-55-20-110414	11/4/2014	<1.9	U		24			<0.58	U		<0.48	U		<0.42	U					<1.2	U		<0.58	U	
		VMP-55-20-020515	2/5/2015	<2.1	U		1.8			<0.63	U		<0.53	U		0.16	J					0.41	J		0.11	J	
		VMP-55-20-050615	5/6/2015	<14	U		180			<4.2	U		<3.5	U		<3	U					<8.3	U		<4.2	U	
		VMP-55-20-072915	7/29/2015	<0.22	U		4.4			<0.067	U		<0.056	U		0.11						<0.13	U		<0.067	U	
		VMP-55-20-072915-DUP	7/29/2015	<0.24	U		4.4			<0.071	U		<0.059	U		0.11						<0.14	U		<0.071	U	
		VMP-55-20-110215	11/2/2015	<6.5	U		780			<2	U		<1.6	U		<1.4	ND,UJ	UJ				<3.9	U		<2	U	
		VMP-55-20-020416	2/4/2016	<2.2	U		110			<0.65	U		<0.54	U		<0.48	U					<1.3	U		<0.65	U	
		VMP-55-20-020416-DUP	2/4/2016	<2	U		120		J	<0.59	U		<0.49	U		<0.43	U					<1.2	U		<0.59	U	
		VMP-55-20-050416	5/4/2016	<3	U		830		J	<0.89	U		<0.74	U		<0.66	U					<1.8	U		<0.89	U	
		VMP-55-20-080316	8/3/2016	<1.5	U		540		J	<0.46	U		<0.38	U		0.11	J	J				<0.91	U		<0.46	U	
		VMP-55-20-110116	11/1/2016	<2.3	U		250			<0.68	U		<0.56	U		<2	U		0.2	J		0.31	J		<0.68	U	
	30 ft	VMP-55-30-030915	3/9/2015	<5.7	ND,UJ	UJ	1100			<1.7	U		<1.4	U		<1.2	U					<3.4	U		<1.7	U	
		VMP-55-30-050615	5/6/2015	<19	U		620			<5.8	U		<4.8	U		<4.2	U					<12	U		<5.8	U	
		VMP-55-30-050615-DUP	5/6/2015	<19	U		630			<5.8	U		<4.8	U		<4.3	U					<12	U		<5.8	U	
		VMP-55-30-061515-Dup-R	6/15/2015	<0.26	U		84	E	J	0.16			<0.064	U		0.084						<0.15	U		0.026	J	
		VMP-55-30-061515-R	6/15/2015	<0.21	U		90	E	J	0.16			<0.052	U		0.088						<0.12	U		<0.063	U	
VMP-56	10 ft	VMP-56-10-050114	5/1/2014	<0.021	U		0.0044	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0048	J		<0.0062	U	
		VMP-56-10-081214	8/12/2014	<0.025	U		0.032			0.00094	J		<0.0062	U		<0.0054	U					0.027			0.0028	J	
		VMP-56-10-110514	11/5/2014	<0.019	U		0.1			0.0072			0.0022	J		<0.0042	U					0.007	J		0.008		
		VMP-56-10-021015	2/10/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					0.03			<0.0063	U	
		VMP-56-10-110315	11/3/2015	0.0014	J		0.0077	J		<0.0062	U		<0.0052	U		<0.0045	U					0.013			<0.0062	U	
		VMP-56-10-020416	2/4/2016	<0.021	U		0.0028	J		<0.0063	U		<0.0053	U		<0.0046	U					0.0078	J		0.0016	J	
		VMP-56-10-050516	5/5/2016	0.0044	J		0.014	J		0.0014	J		<0.0058	U		<0.0051	U					0.021			0.0026	J	
		VMP-56-10-072716	7/27/2016	0.0014	J		<0.016	U		<0.0068	U		<0.0057	U		<0.02	U					0.016			<0.0068	U	
		VMP-56-10-102416	10/24/2016	<0.022	U		<0.016	U		0.00049	J		0.0017	J		<0.019	U		<0.014	U		0.017			0.00069	J	
	25 ft	VMP-56-25-050114	5/1/2014	<0.02	U		0.0044	J		<0.0061	U		<0.0051	U		<0.0045	U					0.0024	J		<0.0061	U	
		VMP-56-25-081214	8/12/2014	<0.022	U		0.22			<0.0066	J	U	<0.0055	U		<0.0048	U					0.038			0.0011	J	
		VMP-56-25-110514	11/5/2014	<0.022	U		0.0056	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0043	J		<0.0065	U	
		VMP-56-25-021015	2/10/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0047	U					0.01	J		<0.0065	U	
		VMP-56-25-050715	5/7/2015	0.0062	J		0.01	J		<0.007	U		0.0055	J		<0.0051	U					0.01	J		<0.007	U	
		VMP-56-25-073115	7/31/2015	0.0045	J		0.007	J		0.0018	J		0.0021	J		<0.0054	U					0.0061	J		0.0012	J	
		VMP-56-25-110315	11/3/2015	0.0033	J		0.098			<0.0063	U		0.0031	J		<0.0046	U					0.013			<0.0063	U	
		VMP-56-25-020416	2/4/2016	<0.021	U		0.015			0.00071	J		<0.0052	U		<0.0045	U					0.0053	J		0.0016	J	
		VMP-56-25-050516	5/5/2016	<0.024	U		0.0026	J		0.0027	J		<0.006	U		<0.0053	U					0.0074	J		0.0052	J	
		VMP-56-25-050516-DUP	5/5/2016	0.0028	J		<0.018	U		0.003	J		<0.0061	U		<0.0054	U					0.011	J		0.0058	J	
		VMP-56-25-072716	7/27/2016	0.0025	J		0.01	J		<0.0081	U		<0.0068	U		<0.024	U					0.055			<0.0081	U	
		VMP-56-25-102416	10/24/2016	<0.021	U		0.0089	J		0.0017	J		0.0031	J		<0.018	U		<0.013	U		0.084			0.0009	J	
	38.5 ft	VMP-56-38.5-050114	5/1/2014	<5	U		72000			8.9		J	<1.2	U		2		J				<3	U		14		J
		VMP-56-38.5-081214	8/12/2014	<450	U		47000			30	J		<110	U		<100	U					<270	U		46	J	
		VMP-56-38.5-081214-Dup	8/12/2014	<450	U		46000			32	J		<110	U		<98	U					<270	U		66	J	
		VMP-56-38.5-110514	11/5/2014	<240	U		25000			16	J		<61	U		<54	U					<150	U		40	J	
		VMP-56-38.5-110514-DUP	11/5/2014	<290	U		22000			18	J		<74	U		<65	U					<180	U		46	J	
		VMP-56-38.5-021015	2/10/2015	<22	U		6900			8.7			<5.5	U		<4.8	U					<13	U		13		
		VMP-56-38.5-050715	5/7/2015	<250	U		41000			22	J		<63	U		<55	U					<150	U		45	J	
		VMP-56-38.5-061515-R	6/15/2015	<24	U		13000	E	J	14			<6	U		<5.3	U					<14	U		22		
		VMP-56-38.5-073115	7/31/2015	<21	U		8000			27			<5.3	U		<4.6	U					<13	U		76		
		VMP-56-38.5-073115-DUP	7/31/2015	<78	U		8200			27			<20	U		<17	U					<47	U		74		
		VMP-56-38.5-110315	11/3/2015	<25	U		20000			25			<6.2	U		<5.5	ND,UJ	UJ				<15	U		56		
		VMP-56-38.5-110315-DUP	11/3/2015	<180	U		19000			11	J		<45	U		<40	ND,UJ	UJ				<110	U		17	J	
		VMP-56-38.5-020416	2/4/2016	<140	U		24000			<42	U		<35	U		<30	U					<83	U		5.2	J	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-122313	12/23/2013	<0.02	U		0.036			0.0017	J		<0.0049	U		<0.0043	U					0.0086	J		0.0034	J	
		VMP-62-5-021014	2/10/2014	<0.019	U		0.014			<0.0056	U		<0.0047	U		<0.0041	U	UJ				0.012			<0.0056	U	
		VMP-62-5-042514	4/25/2014	<0.022	U		0.0037	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0048	J		<0.0065	U	
		VMP-62-5-073014	7/30/2014	<0.023	U		0.0073	J		<0.0068	U		<0.0057	U		<0.005	U					<0.014	U		<0.0068	U	
		VMP-62-5-111014-R	11/10/2014	<0.019	U		<0.014	U		<0.0058	U		0.0016	J		<0.0043	U					<0.012	U		<0.0058	U	
		VMP-62-5-020315	2/3/2015	<0.02	U		<0.014	U		<0.0059	U		<0.005	U		<0.0044	U					<0.012	U		<0.0059	U	
		VMP-62-5-042815	4/28/2015	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					0.0057	J		<0.0071	U	
		VMP-62-5-072415	7/24/2015	<0.024	U		0.013	J	J	<0.0072	U		<0.006	U		<0.0053	U					0.013	J	J	<0.0072	U	
		VMP-62-5-102015	10/20/2015	0.00091	J		0.0019	J		<0.0054	U		0.0011	J		<0.0039	U					0.0033	J		<0.0054	U	
		VMP-62-5-012816	1/28/2016	<0.021	U		<0.015	U		<0.0064	U		0.0028	J		<0.0047	U					0.018			<0.0064	U	
		VMP-62-5-042516	4/25/2016	<0.02	U		0.0036	J		<0.0059	U		<0.005	U		<0.0044	U					0.027			<0.0059	U	
		VMP-62-5-072616	7/26/2016	<0.024	U		<0.018	U		<0.0074	U		<0.0061	U		<0.022	U					0.012	J		<0.0074	U	
		VMP-62-5-102416	10/24/2016	<0.021	U		0.0043	J		<0.0064	U		<0.0053	U		<0.019	U		<0.014	U		0.008	J		<0.0064	U	
	10 ft	VMP-62-10-122313	12/23/2013	<0.021	U		<0.015	U		<0.0064	U		<0.0054	U		<0.0047	U					0.0071	J		<0.0064	U	
		VMP-62-10-021014	2/10/2014	<0.018	U		0.011	J		<0.0054	U		<0.0045	U		<0.004	U	UJ				0.0084	J		<0.0054	U	
		VMP-62-10-042514	4/25/2014	<0.02	U		0.0049	J		<0.0061	U		<0.005	U		<0.0044	U					0.0052	J		<0.0061	U	
		VMP-62-10-073014	7/30/2014	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					<0.013	U		<0.0067	U	
		VMP-62-10-102814	10/28/2014	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					<0.014	U		<0.007	U	
		VMP-62-10-020315	2/3/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					<0.013	U		<0.0063	U	
		VMP-62-10-042815	4/28/2015	<0.022	U		<0.016	U		<0.0067	U		<0.0056	U		<0.0049	U					0.0042	J		<0.0067	U	
		VMP-62-10-072415	7/24/2015	0.0015	J	J	0.0075	J	J	<0.0066	U		<0.0055	U		<0.0049	U					<0.013	U		<0.0066	U	
		VMP-62-10-102015	10/20/2015	<0.023	U		0.0027	J		<0.0068	U		<0.0057	U		<0.005	U					0.0021	J		<0.0068	U	
		VMP-62-10-012816	1/28/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0045	U					0.02			<0.0062	U	
		VMP-62-10-042516	4/25/2016	<0.025	U		<0.018	U		<0.0075	U		<0.0063	U		<0.0055	U					0.0079	J		<0.0075	U	
		VMP-62-10-072616	7/26/2016	<0.026	U		<0.018	U		<0.0077	U		<0.0064	U		<0.023	U					0.0028	J		<0.0077	U	
		VMP-62-10-102416	10/24/2016	0.0012	J		<0.013	U		0.00042	J		<0.0044	U		<0.016	U		<0.011	U		<0.011	J	U	0.0011	J	
	20 ft	VMP-62-20-122313	12/23/2013	<0.021	U		0.0051	J		<0.0062	U		<0.0052	U		<0.0045	U					0.016			0.00076	J	
		VMP-62-20-122313-Dup	12/23/2013	<0.021	U		0.0055	J		0.00076	J		<0.0052	U		<0.0046	U					0.0044	J		0.0016	J	
		VMP-62-20-021014	2/10/2014	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U	UJ				<0.012	U		<0.0061	U	
		VMP-62-20-042514	4/25/2014	<0.022	U		0.0022	J		<0.0065	U		<0.0054	U		<0.0048	U					0.0068	J		<0.0065	U	
		VMP-62-20-073014	7/30/2014	<0.021	U		0.016			<0.0063	U		<0.0053	U		<0.0046	U					0.0063	J		<0.0063	U	
		VMP-62-20-102814	10/28/2014	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					<0.012	U		<0.006	U	
		VMP-62-20-020315	2/3/2015	<0.024	U		0.007	J		<0.0073	U		<0.0061	U		<0.0054	U					0.0032	J		<0.0073	U	
		VMP-62-20-042815	4/28/2015	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.004	J		<0.007	U	
		VMP-62-20-072415	7/24/2015	0.0016	J	J	<0.015	J	U	<0.0064	U		<0.0053	U		<0.0047	U					0.0047	J	J	<0.0064	U	
		VMP-62-20-102015	10/20/2015	0.0023	J		0.0026	J		<0.0062	U		0.00085	J		<0.0045	U					0.005	J		<0.0062	U	
		VMP-62-20-012816	1/28/2016	<0.024	U		<0.018	U		<0.0073	U		<0.0061	U		<0.0054	U					<0.014	U		<0.0073	U	
		VMP-62-20-042516	4/25/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0084	J		<0.0062	U	
		VMP-62-20-072616	7/26/2016	<0.021	U		0.0067	J		<0.0064	U		<0.0053	U		<0.019	U					0.062			<0.0064	U	
		VMP-62-20-102416	10/24/2016	<0.019	U		0.019			<0.0057	U		0.0014	J		<0.017	U		<0.012	U		0.028			<0.0057	U	
	30 ft	VMP-62-30-122313	12/23/2013	<0.02	U		0.016			<0.006	U		<0.005	U		<0.0044	U					<0.012	U		<0.006	U	
		VMP-62-30-122313-Dup	12/23/2013	<0.02	U		0.019			<0.0061	U		0.0011	J		<0.0045	U					<0.012	U		0.00066	J	
		VMP-62-30-021014	2/10/2014	<0.021	U		0.0069	J		<0.0062	U		<0.0052	U		<0.0046	U	UJ				<0.012	U		<0.0062	U	
		VMP-62-30-042514	4/25/2014	<0.022	U		0.012	J		<0.0067	U		<0.0056	U		<0.0049	U					0.0046	J		<0.0067	U	
		VMP-62-30-073014	7/30/2014	<0.022	U		0.01	J		<0.0065	U		<0.0054	U		<0.0048	U					0.004	J		<0.0065	U	
		VMP-62-30-073014-Dup	7/30/2014	<0.02	U		0.012	J		<0.006	U		<0.005	U		<0.0044	U					0.0054	J		<0.006	U	
		VMP-62-30-102814	10/28/2014	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					0.015			<0.0061	U	
		VMP-62-30-020315	2/3/2015	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0037	J		<0.0065	U	
		VMP-62-30-042815	4/28/2015	<0.023	U		0.0031	J		<0.0068	U		<0.0056	U		<0.005	U					0.0081	J		<0.0068	U	
		VMP-62-30-072415	7/24/2015	0.0016	J	J	<0.016	J	U	<0.0069	U		<0.0057	U		<0.005	U					<0.014	U		<0.0069	U	
		VMP-62-30-102015	10/20/2015	<0.022	U		0.0049	J		<0.0065	U		0.0013	J		<0.0047	U					0.0037	J		<0.0065	U	
		VMP-62-30-012816	1/28/2016	<0.024	U		0.0068	J		<0.0072	U		<0.006	U		<0.0053	U					0.037			<0.0072	U	
		VMP-62-30-012816-DUP	1/28/2016	<0.021	U		0.0066	J		<0.0062	U		<0.0052	U		<0.0046	U					0.022			<0.0062	U	
		VMP-62-30-042516	4/25/2016	<0.021	U		<0.015	U		<0.0062	U		<0.0052	U		<0.0046	U					0.0083	J		<0.0062	U	
		VMP-62-30-072616	7/26/2016	<0.024	U		0.0045	J		<0.0072	J	U	<0.006	U		<0.021	U					0.018			0.0051	J	
		VMP-62-30-072616-DUP	7/26/2016	<0.024	U		0.0036	J		<0.0072	J	U	<0.006	U		<0.021	U					0.01	J		0.0053	J	
		VMP-62-30-102416	10/24/2016	<0.02	U		0.0042	J		<0.0061	U		<0.0051	U		<0.018	U		<0.013	U		0.024			<0.0061	U	
		VMP-62-30-102416-Dup	10/24/2016	0.0017	J		<0.014	U		<0.0058	U		0.001	J		<0.017	U		<0.012	U		0.012			<0.0058	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-121113	12/11/2013	<0.031	U		0.093			0.0024	J		0.003	J		<0.0068	U					0.033			0.0056	J	
		VMP-63-5-022814	2/28/2014	<0.021	U		0.03			<0.0062	U		<0.0052	U		<0.0046	U					0.0066	J		<0.0062	U	
		VMP-63-5-042514	4/25/2014	<0.04	U		0.0046	J		<0.012	U		<0.01	U		<0.0088	U					0.0066	J		<0.012	U	
		VMP-63-5-073014	7/30/2014	<0.022	U		0.0043	J		<0.0065	U		<0.0054	U		<0.0047	U					<0.013	U		<0.0065	U	
		VMP-63-5-102814	10/28/2014	<0.021	U		0.0047	J		<0.0064	U		<0.0053	U		<0.0047	U					0.01	J		<0.0064	U	
		VMP-63-5-020315	2/3/2015	<0.021	U		0.0016	J		<0.0064	U		<0.0053	U		<0.0047	U					0.017			<0.0064	J	U
		VMP-63-5-042815	4/28/2015	<0.024	U		<0.017	U		<0.0072	U		0.0036	J		<0.0053	U					0.0068	J		<0.0072	U	
		VMP-63-5-072415	7/24/2015	<0.023	U		<0.016	U		<0.0069	U		<0.0058	U		<0.0051	U					0.0063	J		<0.0069	U	
		VMP-63-5-102615	10/26/2015	<0.022	U		0.01	J		<0.0065	U		<0.0054	U		<0.0048	U					0.025		J	<0.0065	U	
		VMP-63-5-012816	1/28/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0071	J		<0.0065	U	
		VMP-63-5-042616	4/26/2016	<0.023	U		0.12			<0.0069	U		<0.0058	U		<0.0051	U					0.029			0.0014	J	
		VMP-63-5-072516	7/25/2016	<0.024	U		<0.017	U		<0.0072	U		<0.006	U		<0.021	U					0.02			<0.0072	U	
		VMP-63-5-102416	10/24/2016	<0.021	U		<0.015	U		0.00082	J		0.0028	J		<0.018	U		<0.013	U		0.037			<0.0063	U	
	10 ft	VMP-63-10-121113	12/11/2013	<0.021	U		0.018			0.00053	J		0.00097	J		<0.0046	U					0.016			0.0006	J	
		VMP-63-10-020714	2/7/2014	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U	UJ				<0.012	U		<0.006	U	
		VMP-63-10-042514	4/25/2014	<0.02	U		0.0056	J		<0.0061	U		<0.005	U		<0.0044	U					0.0024	J		<0.0061	U	
		VMP-63-10-073014	7/30/2014	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					0.01	J		<0.0059	J	U
		VMP-63-10-102814	10/28/2014	<0.021	U		<0.015	U		<0.0064	U		<0.0053	U		<0.0047	U					0.016			<0.0064	U	
		VMP-63-10-020315	2/3/2015	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					0.0081	J		<0.006	J	U
		VMP-63-10-042815	4/28/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.0088	J		<0.0068	U	
		VMP-63-10-072415	7/24/2015	<0.022	U		0.0043	J		<0.0065	U		0.002	J		<0.0048	U					0.0056	J		<0.0065	U	
		VMP-63-10-102615	10/26/2015	<0.023	U		<0.016	U		<0.0068	U		<0.0057	U		<0.005	U					0.014		J	<0.0068	U	
		VMP-63-10-012816	1/28/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					0.0038	J		<0.007	U	
		VMP-63-10-042616	4/26/2016	<0.024	U		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					0.0063	J		<0.0073	U	
		VMP-63-10-072516	7/25/2016	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.02	U					0.033			<0.0069	U	
		VMP-63-10-102416	10/24/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.019	U		<0.014	U		0.0058	J		<0.0065	U	
	20 ft	VMP-63-20-121213	12/12/2013	<0.02	U		0.0094	J		0.0014	J		<0.005	U		<0.0044	U					0.021			0.0034	J	
		VMP-63-20-020714	2/7/2014	<0.019	U		0.0041	J		<0.0058	U		<0.0048	U		<0.0042	U	UJ				<0.012	U		<0.0058	U	
		VMP-63-20-042514	4/25/2014	<0.021	U		0.0017	J		<0.0063	U		<0.0052	U		<0.0046	U					0.0013	J		<0.0063	U	
		VMP-63-20-073014	7/30/2014	<0.02	U		<0.015	U		<0.0061	U		<0.0051	U		<0.0045	U					<0.012	U		<0.0061	U	
		VMP-63-20-102814	10/28/2014	<0.021	U		0.01	J		<0.0064	U		0.0046	J		<0.0047	U					0.0088	J		<0.0064	U	
		VMP-63-20-102814-DUP	10/28/2014	<0.023	U		0.0055	J		<0.0069	U		0.0036	J		<0.005	U					0.0075	J		<0.0069	U	
		VMP-63-20-020315	2/3/2015	<0.021	U		0.0021	J		<0.0064	U		<0.0054	U		<0.0047	U					0.11		J	<0.0064	U	
		VMP-63-20-020315-DUP	2/3/2015	<0.02	U		0.002	J		<0.0059	U		<0.0049	U		<0.0043	U					0.065		J	<0.0059	U	
		VMP-63-20-042815	4/28/2015	0.024			0.0012	J		0.0054	J		0.02			<0.0046	U					0.071			<0.0063	U	
		VMP-63-20-072415	7/24/2015	0.011	J		0.004	J		0.0061	J		0.0021	J		<0.0046	U					0.022			<0.0063	U	
		VMP-63-20-102615	10/26/2015	0.0022	J	J	<0.014	U		0.0012	J		0.0041	J		<0.0044	U					0.09		J	0.0024	J	
		VMP-63-20-012816	1/28/2016	<0.022	U		<0.016	U		<0.0065	U		<0.0054	U		<0.0048	U					0.0089	J		<0.0065	U	
		VMP-63-20-042616	4/26/2016	0.0022	J		0.0084	J		<0.0074	U		<0.0062	U		<0.0055	U					0.022			<0.0074	U	
		VMP-63-20-042616-DUP	4/26/2016	0.0015	J		0.0022	J		<0.0068	U		<0.0056	U		<0.005	U					0.01	J		0.0018	J	
		VMP-63-20-072516	7/25/2016	<0.023	U		0.0048	J		<0.0069	U		<0.0058	U		<0.02	U					0.013	J		<0.0069	U	
		VMP-63-20-102416	10/24/2016	<0.025	U		0.0062	J		<0.0075	U		<0.0063	U		<0.022	U		<0.016	U		0.02			<0.0075	U	
	30 ft	VMP-63-30-121113	12/11/2013	<0.02	U		0.12			0.0013	J		<0.005	U		<0.0044	U					0.033			0.0013	J	
		VMP-63-30-020714	2/7/2014	<0.019	U		0.015			<0.0057	U		<0.0047	U		<0.0042	U					0.0043	J		<0.0057	U	
		VMP-63-30-042514	4/25/2014	<0.02	U		0.017			<0.0061	U		<0.0051	U		<0.0045	U					0.0062	J		<0.0061	U	
		VMP-63-30-042514-DUP	4/25/2014	<0.021	U		0.012	J		<0.0064	U		<0.0053	U		<0.0047	U					0.0014	J		<0.0064	U	
		VMP-63-30-073014	7/30/2014	<0.024	U		0.028			<0.0072	U		<0.006	U		<0.0053	U					0.0096	J		<0.0072	U	
		VMP-63-30-102814	10/28/2014	<0.023	U		0.021			<0.0068	U		0.0027	J		<0.005	U					0.0066	J		<0.0068	U	
		VMP-63-30-020315	2/3/2015	<0.021	U		0.0069	J		<0.0062	U		<0.0052	U		<0.0045	U					0.01	J		<0.0062	U	
		VMP-63-30-042815	4/28/2015	0.0009	J		0.0052	J		<0.0069	U		0.003	J		<0.005	U					0.0093	J		<0.0069	U	
		VMP-63-30-072415	7/24/2015	0.0042	J		0.0034	J		0.0011	J		0.0015	J		<0.0048	U					0.013	J		<0.0066	U	
		VMP-63-30-102615	10/26/2015	<0.018	U		0.0089	J		<0.0055	U		0.0018	J		<0.004	U					0.028		J	<0.0055	U	
		VMP-63-30-102615-DUP	10/26/2015	0.0026	J	J	0.0085	J		<0.0065	U		<0.0054	U		<0.0048	U					0.015		J	<0.0065	U	
		VMP-63-30-012816	1/28/2016	<0.021	U		0.0071	J		<0.0064	U		<0.0053	U		<0.0047	U					0.0014	J		0.0015	J	
		VMP-63-30-042616	4/26/2016	<0.021	U		0.0048	J		<0.0063	U		<0.0053	U		<0.0046	U					0.016			<0.0063	U	
		VMP-63-30-072516	7/25/2016	<0.025	U		0.0075	J		<0.0075	U		<0.0062	U		<0.022	U					0.0063	J		0.0028	J	
		VMP-63-30-072516-DUP	7/25/2016	<0.023	U		0.0074	J		0.0012	J		<0.0057	U		<0.02	U					0.0065	J		0.0032	J	
		VMP-63-30-102416	10/24/2016	<0.02	U		0.0037	J		0.00076	J		0.0016	J		<0.018	U		<0.013	U		0.38			0.00072	J	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	2-Hexanone (Methyl N-Butyl Ketone)			Isopentane			Isopropylbenzene (Cumene)			4-Methyl-2-pentanone (Methyl Isobutyl Ketone)			Methyl tert-Butyl Ether (MTBE)			Naphthalene			2-Propanol			n-Propylbenzene		
										600						3700			0.11								
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-122313	12/23/2013	<0.021	U		0.01	J		0.01			<0.0053	U		<0.0046	U					<0.013	U		0.01		
		VMP-64-5-022814	2/28/2014	<0.02	U		0.021			<0.006	U		<0.005	U		<0.0044	U					0.0089	J		<0.006	U	
		VMP-64-5-042514	4/25/2014	<0.021	U		<0.015	U		<0.0063	U		<0.0052	U		<0.0046	U					<0.012	U		<0.0063	U	
		VMP-64-5-073114	7/31/2014	<0.022	U		0.0019	J		<0.0067	U		<0.0056	U		<0.0049	U					0.013			<0.0067	U	
		VMP-64-5-102814	10/28/2014	<0.021	U		0.0059	J		<0.0062	U		<0.0052	U		<0.0045	U					0.0032	J		<0.0062	U	
		VMP-64-5-020315	2/3/2015	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.0046	U					0.032			<0.0063	U	
		VMP-64-5-042815	4/28/2015	<0.022	U		<0.016	U		<0.0066	U		<0.0055	J	U	<0.0048	U					0.0026	J		<0.0066	U	
		VMP-64-5-072415	7/24/2015	<0.023	U		0.008	J		<0.0069	U		<0.0058	U		<0.0051	U					0.011	J		<0.0069	U	
		VMP-64-5-102615	10/26/2015	<0.019	U		<0.014	U		<0.0058	U		<0.0049	U		<0.0043	U					0.0039	J		<0.0058	U	
		VMP-64-5-012816	1/28/2016	<0.023	U		<0.017	U		<0.007	U		<0.0058	U		<0.0051	U					<0.014	J	U	<0.007	U	
		VMP-64-5-042616	4/26/2016	<0.026	U		<0.019	U		<0.0078	U		<0.0065	U		<0.0058	U					0.0032	J		<0.0078	U	
		VMP-64-5-080216	8/2/2016	<0.022	U		0.13		J	<0.0067	U		<0.0056	U		0.012	J					0.082		J	0.0014	J	
		VMP-64-5-080216-DUP	8/2/2016	<0.024	U		0.037		J	<0.0073	U		<0.0061	U		0.0091	J					0.018		J	0.0012	J	
		VMP-64-5-102416	10/24/2016	<0.02	U		0.0028	J		<0.0059	U		<0.0049	U		<0.017	U		<0.013	U		0.024			<0.0059	U	
	10 ft	VMP-64-10-122313	12/23/2013	<0.02	U		<0.015	U		0.00067	J		<0.0051	U		<0.0045	U					<0.012	U		0.0007	J	
		VMP-64-10-021014	2/10/2014	<0.02	U		<0.014	U		<0.0059	U		<0.0049	U		<0.0043	U					<0.012	U		<0.0059	U	
		VMP-64-10-042514	4/25/2014	<0.02	U		<0.014	U		<0.0061	U		<0.005	U		<0.0044	U					<0.012	U		<0.0061	U	
		VMP-64-10-073114	7/31/2014	<0.024	U		0.0022	J		<0.0071	U		<0.0059	U		<0.0052	U					0.0049	J		<0.0071	U	
		VMP-64-10-102814	10/28/2014	<0.025	U		0.014	J		<0.0074	U		0.0037	J		<0.0055	U					0.0097	J		<0.0074	U	
		VMP-64-10-020315	2/3/2015	<0.024	U		<0.017	U		<0.0071	U		<0.0059	U		<0.0052	U					<0.014	U		<0.0071	U	
		VMP-64-10-042815	4/28/2015	0.0018	J		0.0096	J		<0.0072	U		<0.006	J	U	<0.0053	U					0.0031	J		<0.0072	U	
		VMP-64-10-072415	7/24/2015	0.0024	J		<0.015	U		<0.0061	J	U	<0.0051	U		<0.0045	U					0.0061	J		<0.0061	U	
		VMP-64-10-102615	10/26/2015	0.0015	J		<0.017	U		<0.0073	U		<0.0061	U		<0.0053	U					<0.014	U		<0.0073	U	
		VMP-64-10-012816	1/28/2016	<0.021	U		0.0019	J		<0.0064	U		<0.0054	U		<0.0047	U					<0.013	J	U	<0.0064	U	
		VMP-64-10-042616	4/26/2016	<0.022	U		0.0016	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0052	J		<0.0066	U	
		VMP-64-10-072216	7/22/2016	<0.018	U		0.01	J		<0.0053	U		<0.0044	U		<0.016	U					0.039			<0.0053	U	
		VMP-64-10-102416	10/24/2016	<0.019	U		<0.014	U		<0.0058	U		<0.0048	U		<0.017	U		<0.012	U		0.012			<0.0058	U	
	20 ft	VMP-64-20-122313	12/23/2013	<0.021	U		0.015			<0.0064	U		<0.0053	U		<0.0047	U					<0.013	U		<0.0064	U	
		VMP-64-20-122313-Dup	12/23/2013	<0.021	U		<0.015	U		0.0011	J		<0.0052	U		<0.0046	U					<0.012	U		0.0013	J	
		VMP-64-20-021014	2/10/2014	<0.02	U		<0.015	U		0.00071	J		<0.0051	U		<0.0045	U					<0.012	U		0.0011	J	
		VMP-64-20-042514	4/25/2014	<0.02	U		<0.014	U		<0.006	U		<0.005	U		<0.0044	U					<0.012	U		<0.006	U	
		VMP-64-20-073114	7/31/2014	<0.021	U		0.0015	J		<0.0062	U		<0.0052	U		<0.0046	U					0.0033	J		<0.0062	U	
		VMP-64-20-102814	10/28/2014	<0.021	U		0.015	J		<0.0064	J	U	0.0053			<0.0047	U					0.01	J		<0.0064	U	
		VMP-64-20-020315	2/3/2015	<0.022	U		0.016			<0.0066	U		<0.0055	U		<0.0048	U					0.0061	J		<0.0066	U	
		VMP-64-20-042815	4/28/2015	0.002	J		0.037			<0.0072	U		0.0027	J		<0.0053	U					<0.014	U		<0.0072	U	
		VMP-64-20-072415	7/24/2015	0.0029	J		<0.016	U		<0.0068	U		<0.0056	U		<0.005	U					0.0044	J		<0.0068	U	
		VMP-64-20-102615	10/26/2015	<0.023	U		<0.017	U		<0.0069	U		<0.0058	U		<0.0051	U					<0.014	U		<0.0069	U	
		VMP-64-20-012816	1/28/2016	<0.022	U		0.0028	J		<0.0066	U		<0.0055	U		<0.0048	U					0.0065	J		<0.0066	U	
		VMP-64-20-042616	4/26/2016	<0.023	U		0.012	J		0.004	J		<0.0056	U		<0.005	U					0.016			0.011		
		VMP-64-20-042616-DUP	4/26/2016	0.001	J		0.013	J		0.0041	J		<0.0055	U		<0.0048	U					0.01	J		0.011		
		VMP-64-20-072216	7/22/2016	<0.021	U		<0.015	U		<0.0063	U		<0.0053	U		<0.019	U					0.018		J	<0.0063	U	
		VMP-64-20-072216-DUP	7/22/2016	<0.023	U		0.0094	J		<0.007	U		<0.0058	U		<0.02	U					0.047		J	<0.007	U	
		VMP-64-20-102416	10/24/2016	0.0018	J		0.0032	J		<0.0056	U		0.0012	J		<0.016	U		<0.012	U		0.015			<0.0056	U	
		VMP-64-20-102416-Dup	10/24/2016	<0.021	U		0.0029	J		<0.0063	U		<0.0052	U		<0.018	U		<0.013	U		0.014			<0.0063	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<0.51	U		<0.82	U		<0.81	U		<0.35	U		0.63			<3.5	U		<0.65	U		<0.65	U	
		VMP-1-5-082510	8/25/2010	<0.018	U		<0.029	U		<0.029	U		<0.012	U		0.0031	J		<0.13	U		<0.023	U		<0.023	U	
		VMP-1-5-111710	11/17/2010	0.0059	J		<0.035	U		<0.035	U		<0.015	U		<0.019	U		<0.15	U		<0.028	U		<0.028	U	
		VMP-1-5-020411	2/4/2011	<0.43	U		<0.69	U		<0.68	U		<0.3	U		<0.38	U		<3	U		<0.55	U		<0.55	U	
		VMP-1-5-041211	4/12/2011	<0.0056	U		<0.0091	U		0.002	J		<0.0039	U		0.0024	J		<0.039	J	U	<0.0072	U		<0.0072	U	
		VMP-1-5-080111	8/1/2011	0.0021	J		<0.0091	U		<0.009	U		0.0016	J		0.032			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-1-5-110311	11/3/2011	<15	U		<24	U		<24	U		<10	U		<13	U		<100	U		<19	U		<19	U	
		VMP-1-5-013012	1/30/2012	<1.2	U		<2	U		<2	U		<0.86	U		<1.1	U		<8.6	U		<1.6	U		<1.6	U	
		VMP-1-5-041312	4/13/2012	<0.0038	U		<0.0061	U		<0.0061	J	U	<0.0026	J	U	0.0073			<0.026	U		<0.0049	U		<0.0049	U	
		VMP-1-5-071612	7/16/2012	0.0038	J		<0.0063	U		0.0039	J		<0.0027	U		0.14			<0.027	U		<0.005	J	U	<0.005	U	
		VMP-1-5-101112	10/11/2012	<0.0098	U		<0.016	U		<0.016	U		<0.0068	U		0.0014	J		<0.068	U		<0.012	U		<0.012	U	
		VMP-1-5-012113	1/21/2013	0.021	J		<0.18	U		<0.18	U		<0.076	U		0.025	J		<0.76	U		<0.14	U		<0.14	U	
		VMP-1-5-012313-R	1/23/2013	<5	U		<8	U		<7.9	U		<3.4	U		4	J		<34	U		<6.4	U		<6.4	U	
		VMP-1-5-050813	5/8/2013	<0.0061	U		<0.0098	U		0.0036	J		<0.0042	U		0.0015	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-1-5-072913	7/29/2013	<0.0063	U		<0.01	U		0.0018	J		0.0013	J		0.0018	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-1-5-072913-Dup	7/29/2013	<0.0064	U		<0.01	U		0.0022	J		<0.0044	U		0.0018	J		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-1-5-110413	11/4/2013	<0.0051	U		<0.0082	U		<0.0081	U		0.0018	J		0.002	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-1-5-020714	2/7/2014	<0.0056	U		<0.009	U		<0.0089	U		0.0015	J		0.0019	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-1-5-043014	4/30/2014	<0.0048	U		<0.0078	U		0.002	J		<0.0034	U		0.016			<0.034	U		<0.0062	U		<0.0062	U	
		VMP-1-5-080714	8/7/2014	<0.005	U		<0.0081	ND,UJ	UJ	<0.008	U		<0.0035	U		0.0052			<0.035	U		<0.0064	U		<0.0064	U	
		VMP-1-5-103114	10/31/2014	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-1-5-020915	2/9/2015	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.0011	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-1-5-050515	5/5/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0029	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-1-5-073015	7/30/2015	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		0.0035	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-1-5-110315	11/3/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.002	J		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-1-5-020316	2/3/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0016	J		<0.039	U	UJ	<0.0072	U		<0.0072	U	
		VMP-1-5-050316	5/3/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0062			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-1-5-072516	7/25/2016	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.0036	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-1-5-102816	10/28/2016	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.013			<0.036	U		<0.0066	U		<0.0066	U	
	8.5 ft	VMP-1-8.5	11/2/2009	<0.7	U		<1.1	U		<1.1	U		<0.48	U		<0.62	U		<4.8	U		<0.89	U		<0.89	U	
		VMP-1-8.5-082510	8/25/2010	<0.055	U		<0.088	U		<0.087	U		<0.038	U		<0.048	U		<0.38	U		<0.07	U		<0.07	U	
		VMP-1-8.5-111710	11/17/2010	0.0034	J		<0.017	U		<0.017	U		<0.0073	U		<0.0093	U		<0.073	U		<0.013	U		<0.013	U	
		VMP-1-8.5-111710-Dup	11/17/2010	0.0022	J		<0.017	U		<0.017	U		<0.0073	U		0.002	J		<0.073	U		<0.013	U		<0.013	U	
		VMP-1-8.5-020411	2/4/2011	<0.84	U		<1.4	U		<1.3	U		<0.58	U		<0.75	U		<5.9	U		<1.1	U		<1.1	U	
		VMP-1-8.5-041211	4/12/2011	<0.0074	U		<0.012	U		0.00097	J		<0.0051	U		0.0022	J		<0.052	J	U	<0.0095	U		<0.0095	U	
		VMP-1-8.5-080111	8/1/2011	<3.1	U		<4.9	U		<4.9	U		<2.1	U		<2.7	U		<21	U		<3.9	U		<3.9	U	
		VMP-1-8.5-080111-Dup	8/1/2011	<3	U		<4.8	U		<4.8	U		<2.1	U		<2.6	U		<21	U		<3.8	U		<3.8	U	
		VMP-1-8.5-110311	11/3/2011	<34	U		<55	U		<55	U		<24	U		<30	U		<240	U		<44	U		<44	U	
		VMP-1-8.5-013012	1/30/2012	<7.4	U		<12	U		<12	U		<5.2	U		<6.6	U		<52	U		<9.5	U		<9.5	U	
		VMP-1-8.5-041612	4/16/2012	<0.0045	U		<0.0073	U		<0.0072	U		<0.0031	U		0.012			<0.031	J	U	<0.0058	J	U	<0.0058	U	
		VMP-1-8.5-041612-Dup	4/16/2012	<0.0044	U		<0.0071	U		<0.007	U		<0.003	U		0.014			<0.03	J	U	<0.0056	J	U	<0.0056	U	
		VMP-1-8.5-071612	7/16/2012	0.0034	J		<0.0063	U		0.0035	J		0.0049			0.11			<0.027	U		<0.005	J	U	<0.005	U	
		VMP-1-8.5-101112	10/11/2012	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0014	J		<0.042	J	U	<0.0077	U		<0.0077	U	
		VMP-1-8.5-012113	1/21/2013	<0.11	U		<0.17	U		<0.17	U		<0.074	U		<0.094	U		<0.74	UJ	UJ	<0.14	U		<0.14	U	
		VMP-1-8.5-012313-R	1/23/2013	<0.099	U		<0.16	U		<0.16	U		<0.069	U		0.018	J		<0.69	U		<0.13	U		<0.13	U	
		VMP-1-8.5-050813	5/8/2013	<0.0065	U		<0.01	U		<0.01	J	U	<0.0045	U		0.0016	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-1-8.5-072913	7/29/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-1-8.5-110413	11/4/2013	<0.0052	U		<0.0084	ND,UJ	UJ	<0.0083	U		<0.0036	U		0.00038	J		<0.036	U		<0.0066	U		<0.0066	ND,UJ	UJ
		VMP-1-8.5-020714	2/7/2014	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-1-8.5-043014	4/30/2014	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-1-8.5-080714	8/7/2014	<0.0057	U		<0.0092	ND,UJ	UJ	<0.0091	U		<0.004	U		0.012			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-1-8.5-103114	10/31/2014	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-1-8-020915	2/9/2015	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-1-8.5-050515	5/5/2015	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-1-8.5-073015	7/30/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-1-8.5-110315	11/3/2015	<0.0052	U		<0.0084	U		<0.0083	U		0.0012	J		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-1-8.5-020316	2/3/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U	UJ	<0.0076	U		<0.0076	U	
		VMP-1-8.5-050316	5/3/2016	<0.006	U		<0.0096	U		0.0059	J		<0.0041	U		0.0073			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-1-8.5-072516	7/25/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0056			<0.036	U		<0.0067	U		<0.0067	U	
		VMP-1-8.5-102816	10/28/2016	<0.0047	U		<0.0076	U		0.0061	J		<0.0032	U		0.035			<0.033	U		<0.006	U		<0.006	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	23.5 ft	VMP-1-23.5	11/2/2009	<1.7	U		<2.7	U		<2.7	U		<1.2	U		<1.5	U		<12	U		<2.2	U		<2.2	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	<1.9	U		<3.1	U		<3	U		<1.3	U		<1.7	U		<13	U		<2.4	U		<2.4	U	
		VMP-1-23.5-111810	11/17/2010	0.003	J		<0.0085	U		<0.0084	J	U	<0.0036	U		0.001	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-1-23.5-020411	2/4/2011	<5	U		<8	U		<7.9	U		<3.4	U		<4.4	U		<34	U		<6.4	U		<6.4	U	
		VMP-1-23.5-041211	4/12/2011	<8.1	U		<13	U		<13	U		<5.6	U		1.9	J		<56	U		<10	U		<10	U	
		VMP-1-23.5-041211-DUP	4/12/2011	<10	U		<16	U		<16	U		<7.1	U		<9	U		<71	U		<13	U		<13	U	
		VMP-1-23.5-080111	8/1/2011	<55	U		<88	U		<88	U		<38	U		<49	U		<380	U		<70	U		<70	U	
		VMP-1-23.5-110611	11/6/2011	<13	U		<21	U		5.4	J		<9	U		5.1	J		<90	U		<17	U		<17	U	
		VMP-1-23.5-013112	1/31/2012	<26	U		<41	U		<41	U		<18	U		<23	U		<180	U		<33	U		<33	U	
		VMP-1-23.5-041612	4/16/2012	<2	U		<3.3	U		<3.2	U		<1.4	U		<1.8	U		<14	U		<2.6	U		<2.6	U	
		VMP-1-23.5-071612	7/16/2012	<26	U		<41	U		<41	U		<18	U		<23	U		<180	U		<33	U		<33	U	
		VMP-1-23.5-102412	10/24/2012	<51	U		<83	U		<82	U		<36	U		12	J		<360	U		<66	U		<66	U	
		VMP-1-23.5-012113	1/21/2013	<0.057	U	UJ	<0.092	U	UJ	<0.091	U	UJ	<0.04	U	UJ	<0.051	U	UJ	<0.4	UJ	UJ	<0.073	U	UJ	<0.073	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	<68	U		<110	U		<110	U		<47	U		27	J		<480	U		<88	U		<88	U	
		VMP-1-23.5-050813	5/8/2013	<0.066	U		<0.11	U		<0.1	U		<0.046	U		<0.058	U		<0.46	U		<0.084	U		<0.084	U	
		VMP-1-23.5-050813-Dup	5/8/2013	<0.062	U		<0.1	U		<0.099	U		<0.043	U		<0.055	U		<0.43	U		<0.079	U		<0.079	U	
		VMP-1-23.5-072913	7/29/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-1-23.5-110413	11/4/2013	<0.005	U		<0.0081	ND,UJ	UJ	0.00095	J		<0.0035	U		0.00042	J		<0.035	U		<0.0065	U		<0.0065	ND,UJ	UJ
		VMP-1-23.5-020714	2/7/2014	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-1-23.5-043014	4/30/2014	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		0.00088	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-1-23.5-080714	8/7/2014	0.0022	J		<0.0083	ND,UJ	UJ	<0.0082	U		0.005			0.005			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-1-23.5-103114	10/31/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-1-23.5-020915	2/9/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-1-23.5-050515	5/5/2015	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-1-23.5-073015	7/30/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0058	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-1-23.5-110315	11/3/2015	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0021	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-1-23.5-020316	2/3/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U	UJ	<0.0075	U		<0.0075	U	
		VMP-1-23.5-050316	5/3/2016	<0.0061	U		<0.0098	U		0.0045	J		<0.0042	U		0.001	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-1-23.5-050316-DUP	5/3/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.00076	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-1-23.5-072516	7/25/2016	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.00077	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-1-23.5-072516-DUP	7/25/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0012	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP1-23.5-102816	10/28/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.031			<0.036	U		<0.0067	U		<0.0067	U	
	38.5 ft	VMP-1-38.5	11/2/2009	<4.8	U		<7.7	U		<7.6	U		<3.3	U		<4.2	U		<33	U		<6.1	U		<6.1	U	
		VMP-1-38.5-073112	7/31/2012	0.0021	J		<0.0064	U		<0.0063	U		0.001	J		0.049			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-1-38.5-102612	10/26/2012	<2.8	U		<4.5	U		<4.4	U		<1.9	U		<2.4	U		<19	U	UJ	<3.5	U		<3.5	U	
		VMP-1-38.5-012113	1/21/2013	<0.037	U	UJ	<0.06	U	UJ	<0.06	U	UJ	<0.026	U	UJ	<0.033	U	UJ	<0.26	U	UJ	<0.048	U	UJ	<0.048	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	<51	U		<82	U		<81	U		<35	U		22	J		<350	U		<65	U		<65	U	
		VMP-1-38.5-050913	5/9/2013	<160	U		<260	U		<260	U		<110	U		<140	U		<1100	U		<210	U		<210	U	
		VMP-1-38.5-020714	2/7/2014	<0.051	U		<0.082	U		<0.081	U		<0.035	U		0.016	J		<0.35	U		<0.065	U		<0.065	U	
		VMP-1-38.5-020714-Dup	2/7/2014	<0.054	U		<0.087	U		<0.086	U		<0.037	U		<0.048	U		<0.38	U		<0.069	U		<0.069	U	
		VMP-1-38.5-043014	4/30/2014	<0.052	U		<0.084	U		<0.083	U		<0.036	U		<0.046	U		<0.36	U		<0.067	U		<0.067	U	
		VMP-1-38.5-080714	8/7/2014	<1.3	U		<2.1	U		<2.1	U		<0.92	U	UJ	<1.2	U		<9.2	U		<1.7	U		<1.7	U	
		VMP-1-38.5-103114	10/31/2014	<0.052	U		<0.083	U		<0.082	U		<0.036	U		<0.046	U		<0.36	U		<0.066	U		<0.066	U	
		VMP-1-38.5-020915	2/9/2015	0.39	J		0.13	J		0.27	J		<0.39	U		16		J	<3.9	U		0.34	J		0.18	J	
		VMP-1-38.5-020915-DUP	2/9/2015	0.17	J		<0.87	U		<0.86	U		<0.37	U		0.96		J	<3.8	U		<0.69	U		<0.69	U	
		VMP-1-38.5-050515	5/5/2015	<0.56	U		<0.91	U					<0.39	U		0.45	J		<3.9	U		<0.72	U		<0.72	U	
		VMP-1-38.5-061515-R	6/15/2015	<0.062	U		<0.1	U		<0.099	U		<0.043	U		<0.055	U		<0.43	U		<0.079	U		<0.079	U	
		VMP-1-38.5-073015	7/30/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U	UJ	<0.008	U		<0.008	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	5 ft	VMP-2-5	11/2/2009	<0.62	U		<1	U		<0.99	U		<0.43	U		<0.55	U		<4.3	U		<0.79	U		<0.79	U	
		VMP - 2 - 5 - 083110	8/31/2010	<1.9	U		<3.1	U		<3	U		<1.3	U		<1.7	U		<13	U		<2.4	U		<2.4	U	
		VMP-2-5-111610	11/16/2010	<2.8	U		<4.5	U		<4.5	U		<1.9	U		<2.5	U		<20	U		<3.6	U		<3.6	U	
		VMP-2-5-020411	2/4/2011	<0.73	U		<1.2	U		<1.2	U		<0.51	U		<0.65	U		<5.1	U		<0.94	U		<0.94	U	
		VMP-2-5-041311	4/13/2011	<0.0059	U		<0.0095	U		0.0042	J		<0.0041	U		0.0046	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-2-5-080211	8/2/2011	<6.2	U		<9.9	U		<9.8	U		<4.3	U		<5.4	U		<43	U		<7.9	U		<7.9	U	
		VMP-2-5-110711	11/7/2011	<0.0036	U		<0.0059	U		<0.0058	J	U	<0.0025	U		0.01			<0.025	U		<0.0047	U		<0.0047	U	
		VMP-2-5-012512	1/25/2012	<0.41	U		<0.66	U		<0.66	U		<0.29	U		1.3			<2.9	U		<0.53	U		<0.53	U	
		VMP-2-5-042512	4/25/2012	<0.016	U		<0.026	U		0.0065	J		<0.011	U		0.038			<0.11	U		<0.021	U		<0.021	U	
		VMP-2-5-071612	7/16/2012	0.0041			<0.0064	U		0.004	J		0.0048			0.13			<0.028	U		<0.0051	J	U	<0.0051	U	
		VMP-2-5-102412	10/24/2012	<0.0061	U		<0.0098	U		0.0051	J		0.0038	J		0.013			<0.042	U		<0.0078	U		<0.0078	U	
		VMP-2-5-013113	1/31/2013	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0041	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U	
		VMP-2-5-050613	5/6/2013	<0.0055	J	U	<0.0088	U		<0.0088	J	U	<0.0038	U		<0.0049	J	U	<0.038	J	U	<0.007	U		<0.007	U	
		VMP-2-5-022614	2/26/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-2-5-050114	5/1/2014	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-2-5-111014	11/10/2014	<0.0046	U		<0.0074	U		<0.0073	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U	
		VMP-2-5-021015	2/10/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.37			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-2-5-050615	5/6/2015	<0.0062	U		<0.01	U		0.062			<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-2-5-110415	11/4/2015	<0.0053	U		<0.0085	U		0.0049	J		<0.0037	U		0.0032	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-2-5-020116	2/1/2016	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.001	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-2-5-042716	4/27/2016	<0.0066	U		<0.011	U		0.0055	J		<0.0046	U		0.0033	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-2-5-072616	7/26/2016	<0.0056	U		<0.009	U		0.022			<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-2-5-102616	10/26/2016	<0.0058	U		<0.0093	U		0.012			<0.004	U		<0.0051	J	U	<0.04	U		<0.0074	U		<0.0074	U	
	8.5 ft	VMP-2-8.5	11/3/2009	<0.22	U		<0.35	U		<0.34	U		<0.15	U		<0.19	U		<1.5	U		<0.28	U		<0.28	U	
		VMP-2-8.5-D	11/3/2009	<0.23	U		<0.37	U		<0.37	U		<0.16	U		<0.2	U		<1.6	U		<0.29	U		<0.29	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	<2	U		<3.2	U		<3.1	U		<1.4	U		<1.7	U		<14	U		<2.5	U		<2.5	U	
		VMP-2-8.5-111610	11/16/2010	<5.4	U		<8.6	U		<8.5	U		<3.7	U		<4.7	U		<37	U		<6.9	U		<6.9	U	
		VMP-2-8.5-020411	2/4/2011	<1.8	U		<3	U		<2.9	U		<1.3	U		<1.6	U		<13	U		<2.3	U		<2.3	U	
		VMP-2-8.5-041311	4/13/2011	<0.56	U		<0.9	U		<0.89	U		<0.39	U		0.035	J		<3.9	U		0.078	J		<0.72	U	
		VMP-2-8.5-080211	8/2/2011	<22	U		<36	U		<36	U		<16	U		<20	U		<160	U		<29	U		<29	U	
		VMP-2-8.5-110711	11/7/2011	<0.048	U		<0.078	U		<0.077	U		<0.034	U		0.01	J		<0.34	U		<0.062	U		<0.062	U	
		VMP-2-8.5-012612	1/26/2012	<2.2	U		<3.5	U		<3.4	U		<1.5	U		<1.9	U		<15	U		<2.8	U		<2.8	U	
		VMP-2-8.5-012612-DUP	1/26/2012	<2.2	U		<3.5	U		<3.4	U		<1.5	U		<1.9	U		<15	U		<2.8	U		<2.8	U	
		VMP-2-8.5-041612	4/16/2012	0.00085	J		<0.0067	U		<0.0066	U		<0.0029	U		0.012			<0.029	U		<0.0053	J	U	<0.0053	U	
		VMP-2-8.5-041612-Dup	4/16/2012	0.00089	J		<0.0069	U		<0.0068	U		<0.003	U		0.012			<0.03	U		<0.0055	J	U	<0.0055	U	
		VMP-2-8.5-071612	7/16/2012	0.0031	J		<0.0077	U		<0.0076	J	U	0.0037			0.057			<0.033	U		<0.0061	U		<0.0061	U	
		VMP-2-8.5-071612-Dup	7/16/2012	0.0028	J		<0.0063	U		0.0043	J		0.0033			0.059			<0.027	U		<0.005	J	U	<0.005	U	
		VMP-2-8.5-102312	10/23/2012	<0.0062	U		<0.01	U		0.0046	J		<0.0043	U		0.017			<0.043	U		<0.0079	U		<0.0079	U	
		VMP-2-8.5-020513	2/5/2013	<0.0063	U		<0.01	U		<0.01	J	U	<0.0044	U		0.0073			<0.044	U		<0.0081	U		<0.0081	U	
		VMP-2-8.5-050613	5/6/2013	<0.0059	J	U	<0.0095	U		<0.0094	J	U	<0.0041	U		0.0076			<0.041	J	U	<0.0076	U		<0.0076	U	
		VMP-2-8.5-050613-Dup	5/6/2013	<0.0057	J	U	<0.0092	U		<0.0091	J	U	<0.004	U		0.0024	J		<0.04	J	U	<0.0073	U		<0.0073	U	
		VMP-2-8.5-022614	2/26/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-2-8.5-050114	5/1/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.018			<0.038	U		<0.0069	U		<0.0069	U	
		VMP-2-8.5-081514	8/15/2014	<0.0068	U		<0.011	U		<0.011	U		0.0022	J		<0.006	U		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-2-8.5-081514-DUP	8/15/2014	<0.0071	U		<0.011	U		<0.011	U		<0.0049	U		0.0014	J		<0.05	U		<0.0091	U		0.0025	J	
		VMP-2-8.5-111014	11/10/2014	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-2-8.5-021015	2/10/2015	<0.0059	U		<0.0095	U		0.0047	J		<0.0041	U		0.0011	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-2-8.5-050615	5/6/2015	<0.0059	U		<0.0095	U		0.11			<0.0041	U		0.0032	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-2-8.5-110415	11/4/2015	<0.006	U		<0.0096	U		0.012			<0.0041	U		0.0053			<0.042	U		<0.0076	U		<0.0076	U	
		VMP-2-8.5-021616	2/16/2016	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.006	U		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-2-8.5-042716	4/27/2016	<0.0066	U		<0.011	U		0.0074	J		<0.0046	U		0.00082	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-2-8.5-072616	7/26/2016	<0.0063	U		<0.01	U		0.02			0.037			0.001	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-2-8.5-102616	10/26/2016	<0.0058	U		<0.0093	U		0.02			<0.004	U		<0.0051	J	U	<0.04	U		<0.0074	U		<0.0074	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	22 ft	VMP-2-22	11/3/2009	<1.2	U		<1.9	U		<1.9	U		<0.82	U		<1	U		<8.3	U		<1.5	U		<1.5	U	
		VMP - 2 - 22 - 083110	8/31/2010	<3	U		<4.8	U		<4.8	U		<2.1	U		<2.6	U		<21	U		<3.8	U		<3.8	U	
		VMP-2-22-111610	11/16/2010	<5.6	U		<9.1	U		<9	U		<3.9	U		<5	U		<39	U		<7.2	U		<7.2	U	
		VMP-2-22-020411	2/4/2011	<2.5	U		<4.1	U		<4	U		<1.8	U		<2.2	U		<18	U		<3.2	U		<3.2	U	
		VMP-2-22-041311	4/13/2011	<7.4	U		<12	U		<12	U		<5.1	U		<6.6	U		<52	U		<9.5	U		<9.5	U	
		VMP-2-22-080211	8/2/2011	<30	U		<48	U		<48	U		<21	U		<26	U		<210	U		<38	U		<38	U	
		VMP-2-22-110711	11/7/2011	<1.6	U		<2.6	U		0.81	J		<1.1	U		1.4			<11	U		<2	U		<2	U	
		VMP-2-22-012612	1/26/2012	<3.3	U		<5.3	U		<5.2	U		<2.3	U		<2.9	U		<23	U		<4.2	U		<4.2	U	
		VMP-2-22-042712	4/27/2012	0.00081	J		<0.0055	U		0.0028	J		0.0029			0.013			<0.024	U		<0.0044	U		<0.0044	U	
		VMP-2-22-071612	7/16/2012	0.0037	J		<0.0065	U		0.0035	J		0.0062			0.11			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-2-22-102312	10/23/2012	<0.0062	U		<0.01	U		0.0066	J		<0.0043	U		<0.0055	J	U	<0.043	U		0.00061	J		<0.0079	U	
		VMP-2-22-013113	1/31/2013	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-2-22-050613	5/6/2013	<0.0059	U		<0.0095	U		0.0051	J		<0.0041	U		<0.0052	J	U	<0.041	J	U	<0.0076	U		<0.0076	U	
		VMP-2-22-081213	8/12/2013	<0.0066	U		<0.011	U		0.0052	J		<0.0046	U		0.002	J		<0.046	U		<0.0084	U		0.0014	J	
		VMP-2-22-111513	11/15/2013	<0.0057	U		<0.0092	U		0.0048	J		<0.0039	U		0.0014	J		<0.04	ND,UJ	UJ	<0.0073	U		<0.0073	U	
		VMP-2-22-022614	2/26/2014	<0.0053	U		<0.0086	U		<0.0085	J	U	<0.0037	U		<0.0047	J	U	<0.037	U		<0.0068	U		<0.0068	U	
		VMP-2-22-050114	5/1/2014	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.011			<0.035	U		<0.0064	U		<0.0064	U	
		VMP-2-22-081414	8/14/2014	<0.0066	U		<0.011	U		0.0076	J		<0.0046	U	UJ	0.0018	J		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-2-22-111014	11/10/2014	0.0016	J		<0.008	U		0.0017	J		<0.0034	U		0.0083			<0.034	U		<0.0064	U		<0.0064	U	
		VMP-2-22-021015	2/10/2015	<0.0055	U		<0.0088	U		0.0027	J		<0.0038	U		0.0097			<0.038	U		<0.007	U		<0.007	U	
		VMP-2-22-021015-DUP	2/10/2015	<0.0054	U		<0.0087	U		0.0019	J		<0.0037	U		0.0085			<0.038	U		<0.0069	U		<0.0069	U	
		VMP-2-22-050615	5/6/2015	<0.0063	U		<0.01	U		0.22			<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-2-22-073015	7/30/2015	<0.0056	U		<0.0091	U		0.19			0.0021	J		<0.005	U		<0.039	U	UJ	<0.0072	J	U	<0.0072	U	
		VMP-2-22-110415	11/4/2015	<0.0056	U		<0.0091	U		0.016			0.0024	J		0.0045	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-2-22-020116	2/1/2016	<0.006	U		<0.0097	U		0.0071	J		<0.0042	U		0.0029	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-2-22-020116-DUP	2/1/2016	<0.0062	U		<0.0099	U		0.0048	J		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-2-22-042716	4/27/2016	<0.0068	U		<0.011	U		0.0037	J		0.0053			<0.006	U		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-2-22-072616	7/26/2016	<0.0061	U		<0.0098	U		0.01			<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-2-22-102616	10/26/2016	<0.0058	U		<0.0093	U		0.014			<0.004	U		<0.0051	J	U	<0.04	U		<0.0074	U		<0.0074	U	
	42 ft	VMP-2-42	11/3/2009	<23	U		<38	U		<37	U		<16	U		59			<160	U		<30	U		<30	U	
		VMP-2-42-013113	1/31/2013	22	J		16	J		<88	U		<38	U		19	J		92	J		<71	U		<71	U	
		VMP-2-42-050613	5/6/2013	<23	U		<38	U		<37	U		<16	U		<21	U		<160	U		<30	U		<30	U	
		VMP-2-42-022614	2/26/2014	<52	U		<84	U		<83	U		<36	U		<46	U		<360	U		<67	U		<67	U	
		VMP-2-42-050114	5/1/2014	<4.8	U		<7.8	U		<7.7	U		<3.4	U		<4.3	U		<34	U		<6.2	U		<6.2	U	
		VMP-2-42-081414	8/14/2014	<24	U		<38	U		<38	U		<16	U	UJ	<21	U		<170	U		<30	U		<30	U	
		VMP-2-42-021015	2/10/2015	<5.1	U		<8.2	U		<8.1	U		<3.5	U		0.7	J		<35	U		<6.5	U		<6.5	U	
		VMP-2-42-050615	5/6/2015	<72	U		<120	U					<50	U		27	J		<500	U		<93	U		<93	U	
		VMP-2-42-061515-R	6/15/2015	<58	U		<93	U		<92	U		<40	U		40	J		<400	U		<74	U		<74	U	
		VMP-2-42-073015	7/30/2015	<340	U		<560	U		<550	U		<240	U		150	J		<2400	U	UJ	<440	U		<440	U	
VMP-3	5 ft	VMP-3-5	11/3/2009	<0.023	U		<0.037	U		<0.037	U		<0.016	U		<0.02	U		<0.16	U		<0.029	U		<0.029	U	
		VMP-3-5-090910	9/9/2010	<5.7	U		<9.1	U		<9	U		<3.9	U		<5	U		<39	U		<7.2	U		<7.2	U	
		VMP-3-5-112210	11/22/2010	<5.7	U		<9.2	U		4.5	J		<4	U		3.2	J		<40	U		<7.3	U		<7.3	U	
		VMP-3-5-020911	2/9/2011	<2.6	U		<4.2	U		<4.1	U		<1.8	U		<2.3	U		<18	U		<3.3	U		<3.3	U	
		VMP-3-5-041411	4/14/2011	<28	U		<45	U		<44	U		<19	U		<24	U		<190	U		<35	U		<35	U	
		VMP-3-5-080211	8/2/2011	0.0021	J		<0.011	U		<0.01	U		0.0015	J		0.02			<0.046	U		<0.0085	U		<0.0085	U	
		VMP-3-5-110811	11/8/2011	<0.0036	U		<0.0059	U		<0.0058	U		<0.0025	U		0.0094			<0.025	U		<0.0047	U		<0.0047	U	
		VMP-3-5-110811-DUP	11/8/2011	<0.0037	U		<0.006	U		<0.0059	U		<0.0026	U		0.0085			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-3-5-012712	1/27/2012	<1.9	U		<3	U		<3	U		<1.3	U		<1.6	U		<13	U		<2.4	U		<2.4	U	
		VMP-3-5-041912	4/19/2012	0.0018	J		<0.0066	U		<0.0065	U		0.012			0.033			<0.028	U		<0.0052	J	U	<0.0052	U	
		VMP-3-5-072712	7/27/2012	0.0029	J		<0.0069	U		<0.0068	U		0.005			0.024			<0.03	U		<0.0055	U		<0.0055	U	
		VMP-3-5-060413	6/4/2013	<0.0068	U		<0.011	J	U	0.0092	J		<0.0047	U		0.0031	J		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-3-5-072913	7/29/2013	<0.0065	U		<0.01	U		0.01			<0.0045	U		0.00082	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-3-5-110613	11/6/2013	<0.0055	U		<0.0089	U		0.0033	J		<0.0038	U		<0.0049	U		<0.038	J	U	0.0018	J		<0.0071	U	
		VMP-3-5-021314	2/13/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-3-5-050214	5/2/2014	<0.0053	U		<0.0085	U		0.002	J		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-3-5-081214	8/12/2014	<0.012	U		<0.019	U		0.0056	J		<0.008	U		0.037			<0.081	U		<0.015	U		<0.015	U	
		VMP-3-5-103114	10/31/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0014	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-3-5-020915	2/9/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-3-5-050415	5/4/2015	<0.0061	U		<0.0098	U		0.0019	J		<0.0042	U		0.0033	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-3-5-072915	7/29/2015	<0.0056	U		<0.009	U		0.002	J		<0.0039	U		0.0036	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-3-5-110515	11/5/2015	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		0.0031	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-3-5-021616	2/16/2016	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-3-5-042716	4/27/2016	<0.0055	U		<0.0089	U		0.0028	J		<0.0038	U		0.018			<0.038	U		<0.0071	U		<0.0071	U	
		VMP-3-5-080116	8/1/2016	<0.0083	U		<0.013	U		<0.013	U		<0.0058	U		0.0014	J		<0.058	U		<0.011	U		<0.011	U	
		VMP-3-5-102616	10/26/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.002	J		<0.041	U		<0.0076	U		<0.0076	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10	6/21/2010	<6.4	U		<10	U		<10	U		<4.5	U		<5.7	U		<45	U		<8.3	U		<8.3	U	
		VMP 3-10-091010	9/10/2010	<18	U		<29	U		<29	U		<12	U		<16	U		<130	U		<23	U		<23	U	
		VMP-3-10-092010	9/20/2010	<13	U		<21	U		<21	U		<9.1	U		9.9	J		<92	U		<17	U		<17	U	
		VMP-3-10-112210	11/22/2010	<5.6	U		<9.1	U		<9	U		<3.9	U		2.1	J		<39	U		<7.2	U		<7.2	U	
		VMP-3-10-112210-Dup	11/22/2010	<7.8	U		<13	U		<12	U		<5.4	U		2	J		<55	U		<10	U		<10	U	
		VMP-3-10-020811	2/8/2011	<8.3	U		<13	U		<13	U		<5.7	U		<7.3	U		<58	U		<10	U		<10	U	
		VMP-3-10-041311	4/13/2011	<48	U		<77	U		<76	U		<33	U		<42	U		<330	U		<61	U		<61	U	
		VMP-3-10-080311	8/3/2011	<0.06	U		<0.097	U		<0.096	U		<0.042	U		0.028	J		<0.42	U		<0.077	U		<0.077	U	
		VMP-3-10-110811	11/8/2011	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.013			<0.034	U		<0.0064	U		<0.0064	U	
		VMP-3-10-012712	1/27/2012	<0.036	U		<0.058	U		<0.057	U		<0.025	U		0.026	J		<0.25	U		<0.046	U		<0.046	U	
		VMP-3-10-042012	4/20/2012	0.0011	J		<0.0059	U		<0.0058	J	U	0.0044			0.015			<0.025	U		0.00048	J		<0.0047	U	
		VMP-3-10-072312	7/23/2012	0.00037	J		<0.0069	U		<0.0068	U		<0.003	U		0.008			<0.03	U		<0.0055	U		<0.0055	U	
		VMP-3-10-101812	10/18/2012	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.022			<0.11	U	UJ	<0.0083	U		<0.0083	U	
		VMP-3-10-020613	2/6/2013	<0.006	U		<0.0097	U		0.0088	J		<0.0042	U		<0.0053	J	U	<0.042	U		<0.0077	U		<0.0077	U	
		VMP-3-10-060413	6/4/2013	<0.0064	U		<0.01	J	U	0.0034	J		0.0037	J		0.0029	J		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-3-10-072913	7/29/2013	<0.0062	U		<0.01	U		0.011			<0.0043	U		0.002	J		<0.043	U		0.003	J		<0.008	U	
		VMP-3-10-110613	11/6/2013	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0055			<0.04	U	UJ	0.0023	J		<0.0073	U	
		VMP-3-10-022814	2/28/2014	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0088			<0.035	U		<0.0065	U		<0.0065	U	
		VMP-3-10-022814-Dup	2/28/2014	<0.0049	U		<0.0079	U		0.00097	J		<0.0034	U		0.016			<0.034	U		<0.0062	U		<0.0062	U	
		VMP-3-10-050214	5/2/2014	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-3-10-081214	8/12/2014	<0.0064	U		<0.01	U		0.0021	J		<0.0045	U		0.012			<0.045	U		0.0041	J		<0.0083	U	
		VMP-3-10-103114	10/31/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-3-10-020915	2/9/2015	<0.0047	U		<0.0076	U		<0.0076	U		0.0015	J		0.0039	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-3-10-050415	5/4/2015	<0.0061	U		<0.0099	U		0.0013	J		<0.0042	U		0.0066			<0.043	U		<0.0078	U		<0.0078	U	
		VMP-3-10-072915	7/29/2015	<0.0052	U		<0.0083	U		<0.0082	U		0.0024	J		0.0013	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-3-10-110315	11/3/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-3-10-021616	2/16/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-3-10-042716	4/27/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0035	J		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-3-10-080216	8/2/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0096			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-3-10-102616	10/26/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		0.013			<0.046	U		<0.0085	U		<0.0085	U	
	22 ft	VMP-3-22	11/4/2009	<16	U		<27	U		<26	U		<11	U		<15	U		<120	U		<21	U		<21	U	
		VMP-3-22-092010	9/20/2010	<17	U		<28	U		<28	U		<12	U		37			<120	U		<22	U		<22	U	
		VMP-3-22-112210	11/22/2010	<20	U		<32	U		<32	U		<14	U		<18	U		<140	U		<25	U		<25	U	
		VMP-3-22-020811	2/8/2011	<9.8	U		<16	U		<16	U		<6.8	U		4.3	J		<68	U		<12	U		<12	U	
		VMP-3-22-041511	4/15/2011	<53	U		<85	U		<84	U		<36	U	UJ	<47	U		<370	U		<68	U		<68	U	
		VMP-3-22-080611	8/6/2011	<0.084	U		<0.14	U		<0.13	U		<0.058	U		0.087			<0.59	U		<0.11	U		<0.11	U	
		VMP-3-22-110811	11/8/2011	<0.0037	U		<0.006	U		<0.0059	U		0.0024	J		0.016			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-3-22-013012	1/30/2012	<0.015	U		<0.024	U		<0.024	U		<0.01	U		0.03			<0.1	U		<0.019	U		<0.019	U	
		VMP-3-22-042012	4/20/2012	<0.0037	U		<0.006	U		<0.0059	J	U	0.0044			0.014			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-3-22-072312	7/23/2012	<0.0042	U		<0.0067	U		<0.0066	U		<0.0029	U		0.0057			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-3-22-101812	10/18/2012	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.084			<0.11	U	UJ	<0.0081	U		<0.0081	U	
		VMP-3-22-020613	2/6/2013	<0.0062	U		<0.0099	U		<0.0098	J	U	<0.0043	J	U	0.00056	J		<0.043	J	U	<0.0079	U		<0.0079	U	
		VMP-3-22-060413	6/4/2013	<0.0061	U		<0.0098	J	U	0.0085	J		<0.0042	U		0.002	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-3-22-060413-Dup	6/4/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0056	J	U	<0.044	U		<0.008	U		<0.008	U	
		VMP-3-22-072913	7/29/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0025	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-3-22-110613	11/6/2013	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U	UJ	<0.0073	U		<0.0073	U	
		VMP-3-22-110613-Dup	11/6/2013	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		0.0028	J		<0.038	U	UJ	<0.007	U		<0.007	U	
		VMP-3-22-021314	2/13/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-3-22-050214	5/2/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-3-22-081214	8/12/2014	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-3-22-103114	10/31/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0012	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-3-22-020915	2/9/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-3-22-050815	5/8/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-3-22-072915	7/29/2015	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.0023	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-3-22-110315	11/3/2015	<0.0056	U		<0.009	U		<0.0088	U		0.0018	J		0.0017	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-3-22-021616	2/16/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-3-22-042716	4/27/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-3-22-080116	8/1/2016	<0.0075	U		<0.012	U		<0.012	U		<0.0052	U		0.0055	J		<0.052	U		<0.0096	U		<0.0096	U	
		VMP-3-22-102616	10/26/2016	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.0075			<0.043	U		<0.0078	U		<0.0078	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	31.5 ft	VMP-3-31.5	11/4/2009	<26	U		<42	U		<42	U		<18	U		25			<180	U		<34	U		<34	U	
		VMP-3-31.5-090910	9/9/2010	<32	U		<52	U		<52	U		<22	U		17	J		<220	U		<41	U		<41	U	
		VMP-3-31.5-112210	11/22/2010	<22	U		<36	U		<36	U		<16	U		19	J		<160	U		<29	U		<29	U	
		VMP-3-31.5-020911	2/9/2011	<22	U		<35	U		<34	U		<15	U		40			<150	U		<28	U		<28	U	
		VMP-3-31.5-041411	4/14/2011	<180	U		<280	U		<280	U		<120	U		<160	U		<1200	U		<230	U		<230	U	
		VMP-3-31.5-041411-DUP	4/14/2011	<180	U		<280	U		<280	U		<120	U		<160	U		<1200	U		<230	U		<230	U	
		VMP-3-31.5-080211	8/2/2011	<400	U		<640	U		1100			<280	U		<350	U		<2800	U		<510	U		<510	U	
		VMP-3-31.5-080211-Dup	8/2/2011	<230	U		<380	U		<370	U		<160	U		<210	U		<1600	U		<300	U		<300	U	
		VMP-3-31.5-110811	11/8/2011	<9.3	U		<15	U		<15	U		<6.4	U		23			<65	U		<12	U		<12	U	
		VMP-3-31.5-012712	1/27/2012	<59	U		<95	U		<94	U		<41	U		<52	U		<410	U		<76	U		<76	U	
		VMP-3-31.5-041912	4/19/2012	<100	U		<160	U		<160	U		<70	U		<90	U		<710	U		<130	U		<130	U	
		VMP-3-31.5-041912-Dup	4/19/2012	<98	U		<160	U		<160	U		<68	U		<86	U		<680	U		<120	U		<120	U	
		VMP-3-31.5-072312	7/23/2012	<24	U		<39	U		<39	U		<17	U		<22	U		<170	U		<31	U		<31	U	
		VMP-3-31.5-101912	10/19/2012	<2	U		<3.2	U		<3.1	U		<1.4	U		0.3	J		<14	U		<2.5	U		<2.5	U	
		VMP-3-31.5-020713	2/7/2013	<11	U		<18	U		<18	U		<7.6	U		<9.7	U		<76	U		<14	U		<14	U	
		VMP-3-31.5-060413	6/4/2013	<6	U		<9.7	U		<9.6	U		<4.2	U		<5.3	U		<42	U		<7.7	U		<7.7	U	
		VMP-3-31.5-072913	7/29/2013	<6.3	U		<10	U		<10	U		<4.4	U		8.1			<44	U		<8.1	U		<8.1	U	
		VMP-3-31.5-110613	11/6/2013	<0.27	U		<0.43	U		<0.43	U		<0.18	U		<0.24	U		<1.9	U		<0.34	U		<0.34	U	
		VMP-3-31.5-022114	2/21/2014	<0.021	U		<0.034	U		<0.033	U		<0.014	U		<0.018	U		<0.14	U		<0.027	U		<0.027	U	
		VMP-3-31.5-050214	5/2/2014	<0.27	U		<0.44	U		<0.43	U		<0.19	U		1			<1.9	U		<0.35	U		<0.35	U	
		VMP-3-31.5-081214	8/12/2014	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0041	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-3-31.5-103114	10/31/2014	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		0.0025	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-3-31.5-020915	2/9/2015	<0.0048	U		<0.0078	U		<0.0077	U		<0.0033	U		0.0009	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-3-31.5-110315	11/3/2015	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0042	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-3-31.5-020116	2/1/2016	<0.0072	U		<0.012	U		<0.011	U		<0.005	U		0.0018	J		<0.05	U		<0.0092	U		<0.0092	U	
		VMP-3-31.5-042716	4/27/2016	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0013	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-3-31.5-080116	8/1/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.007			<0.044	U		<0.0082	U		<0.0082	U	
		VMP-3-31.5-102616	10/26/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0063			<0.035	U		<0.0065	U		<0.0065	U	
	39 ft	VMP-3-39	11/4/2009	<53	U		<85	U		<84	U		<36	U		<46	U		<370	U		<67	U		<67	U	
		VMP-3-39-101912	10/19/2012	<200	U		<320	U		<310	U		<140	U		23	J		<1400	U		<250	U		<250	U	
		VMP-3-39-021213	2/12/2013	<56	U		<91	U		<90	U		<39	U		<50	U		<390	U		<72	U		<72	U	
		VMP-3-39-060413	6/4/2013	<5.8	U		<9.4	U		<9.3	U		<4	U		<5.2	U		<41	U		<7.5	U		<7.5	U	
		VMP-3-39-072913	7/29/2013	1	J		<8.1	U		<8	U		<3.5	U		9.8			<35	U		<6.4	U		<6.4	U	
		VMP-3-39-110613	11/6/2013	<5.4	U		<8.6	U		<8.5	U		<3.7	U		<4.7	U		<37	U		<6.9	U		<6.9	U	
		VMP-3-39-022114	2/21/2014	<52	U		<83	U		<82	U		<36	U		<46	U		<360	U		<66	U		<66	U	
		VMP-3-39-050214	5/2/2014	<1.2	U		<1.9	U		<1.8	U		<0.8	U		0.56	J		<8	U		<1.5	U		<1.5	U	
		VMP-3-39-050214-Dup	5/2/2014	<2.4	U		<3.9	U		<3.9	U		<1.7	U		1.6	J		<17	U		<3.1	U		<3.1	U	
		VMP-3-39-081214	8/12/2014	<3.3	U		<5.3	U		<5.2	U		<2.3	U	UJ	<2.9	U		<23	U		<4.2	U		<4.2	U	
		VMP-3-39-103114	10/31/2014	<0.31	U		<0.49	U		<0.49	U		<0.21	U		<0.27	U		<2.1	U		<0.39	U		<0.39	U	
		VMP-3-39-020915	2/9/2015	<17	U		<27	U		<27	U		<12	U		7.3	J		<120	U		<22	U		<22	U	
		VMP-3-39-110315	11/3/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.0021	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-3-39-020116	2/1/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.016			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-3-39-020116-DUP	2/1/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.017			<0.041	U		<0.0075	U		<0.0075	U	
VMP-4	5 ft	VMP-4-5	11/5/2009	<0.054	U		<0.087	U		<0.086	U		<0.037	U		<0.048	U		<0.38	U	UJ	<0.069	U		<0.069	U	
		VMP-4-5-082510	8/25/2010	<0.31	U		<0.49	U		<0.49	U		<0.21	U		<0.27	U		<2.1	U		<0.39	U		<0.39	U	
		VMP-4-5-112210	11/22/2010	<11	U		<18	U		<18	U		<7.9	U		2.8	J		<80	U		<15	U		<15	U	
		VMP-4-5-021411	2/14/2011	<0.67	U		<1.1	U		<1.1	U		<0.46	U		0.49	J		<4.7	U		<0.86	U		<0.86	U	
		VMP-4-5-041911	4/19/2011	<31	U		<50	U		<49	U		<21	U		<27	U		<220	U		<40	U		<40	U	
		VMP-4-5-080311	8/3/2011	<0.066	U		<0.11	U		<0.1	U		<0.046	U		0.03	J		<0.46	U		<0.085	U		<0.085	U	
		VMP-4-5-110911	11/9/2011	<0.0036	U		<0.0059	U		<0.0058	U		0.00057	J		0.0059			<0.025	U		<0.0047	U		<0.0047	U	
		VMP-4-5-013012	1/30/2012	<0.19	U		<0.3	U		<0.3	U		<0.13	U		0.059	J	J	<1.3	U		<0.24	U		<0.24	U	
		VMP-4-5-042512	4/25/2012	0.0027	J		<0.0074	U		<0.0074	J	U	<0.0032	U		0.039			<0.032	U		<0.0059	U		<0.0059	U	
		VMP-4-5-072512	7/25/2012	0.0051			<0.0073	U		0.0024	J		0.0027	J		0.12			<0.032	U		<0.0058	U		<0.0058	U	
		VMP-4-5-101812	10/18/2012	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.0062			<0.12	U	UJ	<0.0085	U		<0.0085	U	
		VMP-4-5-020713	2/7/2013	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0016	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-4-5-050913	5/9/2013	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		0.0018	J		<0.047	J	U	<0.0086	U		<0.0086	U	
		VMP-4-5-080113	8/1/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	J	U	<0.045	U		<0.0083	U		<0.0083	U	
		VMP-4-5-120313-R	12/3/2013	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.00096	J		<0.043	J	U	<0.0079	U		<0.0079	U	
		VMP-4-5-022714	2/27/2014	<0.0047	U		<0.0076	U		<0.0076	U		<0.0033	U		0.00096	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-4-5-050214	5/2/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-4-5-081514	8/15/2014	<0.0062	U		<0.01	U		0.0028	J		<0.0043	U		0.0011	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-4-5-021015	2/10/2015	<0.0055	U		<0.0088	U		0.0026	J		<0.0038	U		0.0013	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-4-5-110215	11/2/2015	<0.006	U		<0.0096	U		<0.0095	U		0.0026	J		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-4-5-020316	2/3/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U	UJ	<0.0068	U		<0.0068	U	
		VMP-4-5-050516	5/5/2016	<0.25	U		<0.4	U		<0.4	U		<0.17	U		0.88			<1.7	U		<0.32	U		<0.32	U	
		VMP-4-5-080216	8/2/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.042			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-4-5-102816	10/28/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.017			<0.038	U		<0.0071	U		<0.0071	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	12 ft	VMP-4-12	11/5/2009	<0.9	U		<1.4	U		<1.4	U		<0.62	U		<0.8	U		<6.3	U	UJ	<1.2	U		<1.2	U	
		VMP-4-12-082510	8/25/2010	<5.4	U		<8.6	U		<8.5	U		<3.7	U		<4.7	U		<37	U		<6.9	U		<6.9	U	
		VMP-4-12-112310	11/23/2010	<5.5	U		<8.8	U		<8.8	U		<3.8	U		<4.9	U		<38	U		<7	U		<7	U	
		VMP-4-12-021411	2/14/2011	<1.4	U		<2.2	U		<2.2	U		<0.96	U		1.1	J		<9.6	U		<1.8	U		<1.8	U	
		VMP-4-12-041911	4/19/2011	<27	U		<43	U		<42	U		<18	U		20	J		<180	U		<34	U		<34	U	
		VMP-4-12-080311	8/3/2011	<3.1	U		<4.9	U		<4.9	U		<2.1	U		<2.7	U		<21	U		<3.9	U		<3.9	U	
		VMP-4-12-080311-Dup	8/3/2011	<6.2	U		<9.9	U		<9.8	U		<4.3	U		<5.4	U		<43	U		<7.9	U		<7.9	U	
		VMP-4-12-110911	11/9/2011	<0.93	U		<1.5	U		<1.5	U		<0.64	U		<0.82	U		<6.5	U		<1.2	U		<1.2	U	
		VMP-4-12-013012	1/30/2012	<1.9	U		<3.1	U		<3	U		<1.3	U		3.2			<13	U		<2.4	U		<2.4	U	
		VMP-4-12-041812	4/18/2012	0.0014	J		<0.0069	U		0.011			<0.003	U		0.049			<0.03	U		<0.0055	U		<0.0055	U	
		VMP-4-12-072312	7/23/2012	<0.021	U		<0.033	U		<0.033	U		<0.014	U		0.17			<0.14	U		<0.026	U		<0.026	U	
		VMP-4-12-101812	10/18/2012	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.031			<0.11	U	UJ	<0.0083	U		<0.0083	U	
		VMP-4-12-101812-Dup	10/18/2012	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.033			<0.12	U	UJ	<0.0085	U		<0.0085	U	
		VMP-4-12-020713	2/7/2013	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-4-12-020713-DUP	2/7/2013	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U	
		VMP-4-12-050913	5/9/2013	<0.013	U		<0.02	U		<0.02	U		<0.0088	U		<0.011	U		<0.089	U		<0.016	U		<0.016	U	
		VMP-4-12-080113	8/1/2013	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0045	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-4-12-120313-R	12/3/2013	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0016	J		<0.041	J	U	<0.0076	U		<0.0076	U	
		VMP-4-12-022714	2/27/2014	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-4-12-050214	5/2/2014	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-4-12-081414	8/14/2014	<0.0059	U		<0.0095	U		0.0084	J		<0.0041	U	UJ	<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-4-12-021015	2/10/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0011	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-4-12-051115	5/11/2015	<0.005	U		<0.0081	U		0.003	J		0.0024	J		0.0028	J		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-4-12-080315	8/3/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U	UJ	<0.0082	U		<0.0082	U	
		VMP-4-12-110215	11/2/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-4-12-020316	2/3/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0016	J		<0.038	U	UJ	<0.0069	U		<0.0069	U	
		VMP-4-12-050316	5/3/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0016	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-4-12-080216	8/2/2016	<0.007	U		<0.011	U		<0.011	U		<0.0048	U		<0.0062	U		<0.049	U		<0.0089	U		<0.0089	U	
		VMP-4-12-102816	10/28/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0071			<0.04	U		<0.0074	U		<0.0074	U	
	23.5 ft	VMP-4-23.5	11/5/2009	<41	U		<66	U		<66	U		<29	U		1400			<290	U		<53	U		<53	U	
		VMP - 4 - 23.5 - 083110	8/31/2010	<6.2	U		<9.9	U		<9.8	U		<4.3	U		2000		J	<43	U		<7.9	U		<7.9	U	
		VMP-4-23.5-112310	11/23/2010	<62	U		<100	U		<99	U		<43	U		1600			<430	U		<79	U		<79	U	
		VMP-4-23.5-021411	2/14/2011	<2.2	U		<3.6	U		<3.6	U		<1.6	U		600		J	<16	U		<2.9	U		<2.9	U	
		VMP-4-23.5-042011	4/20/2011	<1400	U		<230	U		<230	U		<99	U		820			<1000	U		<180	U		<180	U	
		VMP-4-23.5-042011-DUP	4/20/2011	<1400	U		<230	U		<230	U		<99	U		790			<1000	U		<180	U		<180	U	
		VMP-4-23.5-080611	8/6/2011	<6	U		<9.6	U		<9.5	U		<4.1	U		390			<42	U		<7.7	U		<7.7	U	
		VMP-4-23.5-110911	11/9/2011	<18	U		<29	U		<28	U		<12	U		44			<120	U		<23	U		<23	U	
		VMP-4-23.5-013012	1/30/2012	<38	U		<61	U		<61	U		<26	U		580		J	<260	U		<49	U		<49	U	
		VMP-4-23.5-013012-DUP	1/30/2012	<27	U		<43	U		<42	U		<18	U		320		J	<180	U		<34	U		<34	U	
		VMP-4-23.5-041912	4/19/2012	<8.3	U		<13	U		<13	U		<5.8	U		110			<58	U		<11	U		<11	U	
		VMP-4-23.5-072312	7/23/2012	<4	U		<6.4	U		<6.4	U		<2.8	U		420			<28	U		<5.1	U		<5.1	U	
		VMP-4-23.5-101812	10/18/2012	<4.4	U		<7.1	U		<7	U		<3	U		6.6			<30	U		<5.6	U		<5.6	U	
		VMP-4-23.5-020713	2/7/2013	<1.4	U		<2.3	U		<2.2	U		<0.97	U		0.27	J		<9.8	U		<1.8	U		<1.8	U	
		VMP-4-23.5-051513	5/15/2013	<1.7	U		<2.7	U		<2.6	U		<1.2	U		95			<12	U		<2.1	U		<2.1	U	
		VMP-4-23.5-080113	8/1/2013	<6.2	U		<9.9	U		<9.8	U		<4.3	U		28			<43	U		<7.9	U		<7.9	U	
		VMP-4-23.5-080113-Dup	8/1/2013	<6.2	U		<9.9	U		<9.8	U		<4.3	U		22			<43	U		<7.9	U		<7.9	U	
		VMP-4-23.5-110713	11/7/2013	<1	U		<1.6	U		<1.6	U		<0.71	U		7.8			<7.2	U		<1.3	U		<1.3	U	
		VMP-4-23.5-022714	2/27/2014	<0.19	U		<0.31	U		<0.31	U		<0.13	U		1.9			<1.4	U		<0.25	U		<0.25	U	
		VMP-4-23.5-050214	5/2/2014	<0.47	U		<0.76	U		<0.75	U		<0.32	U		31			<3.3	U		<0.6	U		<0.6	U	
		VMP-4-23.5-081314	8/13/2014	<0.12	U		<0.19	U		<0.19	U		<0.083	U	UJ	0.028	J		<0.84	U		<0.15	U		<0.15	U	
		VMP-4-23.5-090414-R	9/4/2014	<0.25	U		<0.41	U		0.48			<0.18	U		0.28			<1.8	U		<0.32	U		<0.32	U	
		VMP-4-23.5-110714	11/7/2014	<0.28	U		<0.45	U		<0.45	U		<0.19	U		<0.25	U		<2	U		<0.36	U		<0.36	U	
		VMP-4-23.5-021015	2/10/2015	0.2	J		<1	U		<0.99	U		<0.43	U		1.1			<4.3	U		<0.8	U		<0.8	U	
		VMP-4-23.5-050815	5/8/2015	<0.59	U		<0.95	U					<0.41	U		15			<4.1	U		<0.76	U		<0.76	U	
		VMP-4-23.5-061515-R	6/15/2015	<0.063	U		<0.1	U		<0.1	U		<0.044	U		1.2		J	<0.44	U		<0.081	U		<0.081	U	
		VMP-4-23.5-073015	7/30/2015	<0.24	U		<0.38	U		<0.38	U		<0.16	U		0.12	J		<1.6	U		<0.3	U		<0.3	U	
		VMP-4-23.5-110215	11/2/2015	<0.12	U		<0.19	U		<0.19	U		<0.081	U		0.062	J		<0.82	U	UJ	<0.15	U		<0.15	U	
		VMP-4-23.5-020316	2/3/2016	<1	U		<1.6	U		<1.6	U		<0.7	U		<0.89	U		<7	U		<1.3	U		<1.3	U	
		VMP-4-23.5-020316-DUP	2/3/2016	<0.97	U		<1.6	U		<1.5	U		<0.67	U		<0.86	U		<6.8	U		<1.2	U		<1.2	U	
		VMP-4-23.5-050316	5/3/2016	<0.078	U		<0.12	U		<0.12	U		<0.054	U		<0.069	U		<0.54	U		<0.1	U		<0.1	U	
		VMP-4-23.5-080216	8/2/2016	0.071	J		<0.46	U		<0.46	U		<0.2	U		0.54			<2	U		<0.37	U		<0.37	U	
		VMP-4-23.5-080216-DUP	8/2/2016	0.064	J		<0.47	U		<0.47	U		<0.2	U		0.6			<2	U		<0.38	U		<0.38	U	
		VMP-4-23.5-092316-DUP-R	9/23/2016	<0.063	U		<0.1	U		<0.1	U		<0.044	U		<0.056	U		<0.44	U		<0.081	U		<0.081	U	
		VMP-4-23.5-092316-R	9/23/2016	<0.068	U		<0.11	U		<0.11	U		<0.047	U		<0.06	U		<0.47	U		<0.087	U		<0.087	U	
		VMP-4-23.5-102816	10/28/2016	<0.06	U		<0.097	U		<0.096	U		<0.042	U		0.038	J		<0.42	U		<0.077	U		<0.077	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	39 ft	VMP-4-39	11/5/2009	<32	U		<51	U		<50	U		<22	U		420			<220	U		<41	U		<41	U	
		VMP-4-39-042111	4/21/2011	<1800	U		<290	U		<280	U		<120	U		440			<1200	U		<230	U		<230	U	
		VMP-4-39-041912	4/19/2012	<4.3	U		<6.9	U		<6.8	U		<3	U		200			<30	U		<5.5	U		<5.5	U	
		VMP-4-39-072312	7/23/2012	<6.4	U		<10	U		<10	U		<4.4	U		590		J	<45	U		<8.2	U		<8.2	U	
		VMP-4-39-101812	10/18/2012	<81	U		<130	U		<130	U		<56	U		480			<560	U		<100	U		<100	U	
		VMP-4-39-101812-Dup	10/18/2012	<73	U		<120	U		<120	U		<51	U		480			<510	U		<94	U		<94	U	
		VMP-4-39-020713	2/7/2013	<11	U		<18	U		<18	U		<7.9	U		610			<80	U		<15	U		<15	U	
		VMP-4-39-051513	5/15/2013	<6.2	U		<10	U		<9.9	U		<4.3	U		810			<43	U		<7.9	U		<7.9	U	
		VMP-4-39-110713	11/7/2013	<5.7	U		<9.2	U		<9.1	U		<4	U		41			<40	U		<7.3	U		<7.3	U	
		VMP-4-39-022714	2/27/2014	<2.5	U		<4	U		<4	U		<1.7	U		210			<18	U		<3.2	U		<3.2	U	
		VMP-4-39-050214	5/2/2014	<5.3	U		<8.6	U		<8.5	U		<3.7	U		340			<37	U		<6.8	U		<6.8	U	
		VMP-4-39-081314	8/13/2014	<1.1	U		<1.8	U		<1.8	U		<0.76	U	UJ	2.1			<7.7	U		<1.4	U		<1.4	U	
VMP-5	5 ft	VMP-5-5	11/5/2009	<0.95	U		<1.5	U		<1.5	U		<0.66	U		<0.84	U		<6.6	U	UJ	<1.2	U		<1.2	U	
		VMP-5-5-090910	9/9/2010	<11	U		<18	U		<18	U		<7.8	U		<9.9	U		<78	U		<14	U		<14	U	
		VMP-5-5-112210	11/22/2010	<2.7	U		<4.4	U		<4.4	U		<1.9	U		<2.4	U		<19	U		<3.5	U		<3.5	U	
		VMP-5-5-021611	2/16/2011	<0.018	U		<0.028	U		<0.028	U		<0.012	U		0.0078	J	J	<0.12	U		<0.022	U		<0.022	U	
		VMP-5-5-042111	4/21/2011	<0.56	U		<0.091	U		0.078	J		<0.039	U		<0.05	U		<0.39	U		<0.072	U		<0.072	U	
		VMP-5-5-080511	8/5/2011	0.0024	J		<0.0086	U		0.0031	J		<0.0037	U		1.3			<0.037	U		<0.0069	J	U	<0.0069	U	
		VMP-5-5-111111	11/11/2011	<0.004	U		<0.0064	U		<0.0063	U		<0.0027	U		0.0096			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-5-5-013012	1/30/2012	0.0053	J		<0.064	U		<0.063	U		<0.028	U		0.071			<0.28	U		<0.051	U		<0.051	U	
		VMP-5-5-041112	4/11/2012	0.0011	J		<0.0063	U		0.0021	J		0.02			0.022			<0.027	U		<0.005	U		<0.005	U	
		VMP-5-5-071312	7/13/2012	<0.0043	U		<0.007	U		<0.0069	J	U	<0.003	U		0.0038			<0.03	U		<0.0055	U		<0.0055	U	
		VMP-5-5-101212	10/12/2012	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.002	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-5-5-012513	1/25/2013	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U	UJ	<0.0072	U		<0.0072	U	
		VMP-5-5-042913	4/29/2013	<0.006	J	U	<0.0096	J	U	<0.0095	J	U	0.0019	J		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U	
		VMP-5-5-082313-R	8/23/2013	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.019			<0.046	UJ	UJ	<0.0084	U		<0.0084	U	
		VMP-5-5-110513	11/5/2013	<0.0051	U		<0.0082	ND,UJ	UJ	0.00046	J		0.0014	J		0.0087			<0.035	U		<0.0065	U		<0.0065	ND,UJ	UJ
		VMP-5-5-021814	2/18/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-5-5-042814	4/28/2014	<0.0058	U		<0.0094	U		<0.0092	U		0.0021	J		0.0016	J		<0.04	U		0.0011	J		<0.0074	U	
		VMP-5-5-080814	8/8/2014	<0.0054	U		<0.0086	U		0.0019	J		<0.0037	U		0.0043	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-5-5-110514	11/5/2014	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0037	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-5-5-013015	1/30/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0015	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-5-5-042915	4/29/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0038	J		<0.039	J	U	<0.0072	J	U	<0.0072	U	
		VMP-5-5-072915	7/29/2015	<0.0074	U		<0.012	U		<0.012	U		0.0065			<0.0066	U		<0.052	U		<0.0095	U		<0.0095	U	
		VMP-5-5-102915	10/29/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-5-5-012516	1/25/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-5-5-042816	4/28/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U	U	0.00082	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-5-5-072816	7/28/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-5-5-102516	10/25/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.003	J		<0.041	U		<0.0076	U		<0.0076	U	
	12.5 ft	VMP-5-12.5	11/6/2009	<1.1	U		<1.8	U		<1.8	U		<0.76	U		<0.97	U		<7.6	U		<1.4	U		<1.4	U	
		VMP-5-12.5-D	11/6/2009	<2.5	U		<4	U		<3.9	U		<1.7	U		<2.2	U		<17	U		<3.2	U		<3.2	U	
		VMP-5-12.5-090910	9/9/2010	<5.6	U		<9.1	U		<9	U		<3.9	U		<5	U		<39	U		<7.2	U		<7.2	U	
		VMP-5-12.5-112310	11/23/2010	<0.28	U		<0.45	U		<0.45	U		<0.19	U		0.5			<2	U		<0.36	U		<0.36	U	
		VMP-5-12.5-021611	2/16/2011	<0.84	U		<1.4	U		<1.3	U		<0.58	U		<0.75	U		<5.9	U		<1.1	U		<1.1	U	
		VMP-5-12.5-042111	4/21/2011	<0.6	U		<0.097	U		<0.096	U		<0.042	U		<0.053	U		<0.42	U		<0.077	U		<0.077	U	
		VMP-5-12.5-080611	8/6/2011	<5.3	U		<8.5	U		<8.4	U		<3.6	U		1	J		<37	U		<6.8	U		<6.8	U	
		VMP-5-12.5-111111	11/11/2011	<0.0037	U		<0.006	U		<0.006	U		<0.0026	U		0.0094			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-5-12.5-013012	1/30/2012	<0.012	U		<0.02	U		<0.019	U		<0.0085	U		0.016			<0.085	U		<0.016	U		<0.016	U	
		VMP-5-12.5-041112	4/11/2012	0.0016	J		<0.006	U		0.0023	J		0.0055			0.025			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-5-12.5-071212	7/12/2012	<0.0044	J	U	<0.0071	U		<0.007	U		<0.003	U		0.0039			<0.03	U		<0.0056	U		<0.0056	U	
		VMP-5-12.5-101112	10/11/2012	<0.01	U		<0.017	U		0.0018	J		<0.0072	U		0.0054	J		<0.072	U		<0.013	U		<0.013	U	
		VMP-5-12.5-012413	1/24/2013	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.00074	J		<0.038	U	UJ	<0.007	U		<0.007	U	
		VMP-5-12.5-042913	4/29/2013	<0.0067	J	U	<0.011	J	U	<0.011	U		<0.0046	U		<0.0059	J	U	<0.047	U		<0.0086	U		<0.0086	U	
		VMP-5-12.5-080113	8/1/2013	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.016			<0.046	U		<0.0085	U		<0.0085	U	
		VMP-5-12.5-110513	11/5/2013	<0.0055	U		<0.0089	ND,UJ	UJ	<0.0088	U		0.00083	J		0.00022	J		<0.038	U		<0.0071	U		<0.0071	ND,UJ	UJ
		VMP-5-12.5-021814	2/18/2014	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	ND,UJ	UJ	<0.007	U		<0.007	U	
		VMP-5-12.5-042814	4/28/2014	<0.0056	U		<0.009	U		<0.0089	U		0.0018	J		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-5-12.5-080814	8/8/2014	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-5-12.5-110514	11/5/2014	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-5-12.5-110514-DUP	11/5/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0017	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-5-12.5-013015	1/30/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.00085	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-5-12.5-042915	4/29/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0061			0.048			<0.0078	U		<0.0078	U	
		VMP-5-12.5-072915	7/29/2015	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		<0.0059	U		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-5-12.5-102915	10/29/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-5-12.5-012516	1/25/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-5-12.5-042816	4/28/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U	U	<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-5-12.5-072816	7/28/2016	<0.0063	U		<0.01	U		0.0025	J		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-5-12.5-102516	10/26/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.003	J		<0.037	U		<0.0069	U		<0.0069	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31	11/6/2009	<10	U		<16	U		<16	U		<7	U		<9	U		<71	U		<13	U		<13	U	
		VMP-5-31-090910	9/9/2010	<23	U		<38	U		<37	U		<16	U		4.3	J		<160	U		<30	U		<30	U	
		VMP-5-31-112310	11/23/2010	<15	U		<24	U		<23	U		<10	U		8.2	J		<100	U		<19	U		<19	U	
		VMP-5-31-021611	2/16/2011	<5.9	U		<9.5	U		<9.4	U		<4.1	U		2.5	J		<41	U		<7.5	U		<7.5	U	
		VMP-5-31-042111	4/21/2011	<880	U		<140	U		<140	U		<61	U		<78	U		<610	U		<110	U		<110	U	
		VMP-5-31-080611	8/6/2011	<49	U		<80	U		<79	U		<34	U		<44	U		<340	U		<63	U		<63	U	
		VMP-5-31-111111	11/11/2011	<25	U		<40	U		<40	U		<17	U		14	J		<170	U		<32	U		<32	U	
		VMP-5-31-013012	1/30/2012	<13	U		<20	U		<20	U		<8.8	U		<11	U		<89	U		<16	U		<16	U	
		VMP-5-31-041112	4/11/2012	<0.041	U		<0.066	U		<0.065	U		<0.028	U		0.039			<0.28	U		<0.052	U		<0.052	U	
		VMP-5-31-071212	7/12/2012	<0.0043	U		<0.0069	U		<0.0068	U		<0.003	U		0.0082			<0.03	U		<0.0055	U		<0.0055	U	
		VMP-5-31-101112	10/11/2012	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0042	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-5-31-012413	1/24/2013	<0.06	U		<0.096	U		<0.095	U		<0.041	U		<0.053	U		<0.42	U	UJ	<0.076	U		<0.076	U	
		VMP-5-31-042913	4/29/2013	<0.0061	U		<0.0099	U		<0.0098	U		0.0028	J		<0.0054	J	U	<0.043	U		<0.0078	U		<0.0078	U	
		VMP-5-31-080113	8/1/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0025	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-5-31-110513	11/5/2013	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0007	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-5-31-110513-Dup	11/5/2013	<0.0054	U		<0.0087	ND,UJ	UJ	<0.0086	U		<0.0037	U		0.00086	J		<0.038	U		<0.0069	U		<0.0069	ND,UJ	UJ
		VMP-5-31-021814	2/18/2014	<0.0051	J	U	<0.0083	U		<0.0082	U		<0.0036	U		0.0013	J		<0.036	ND,UJ	UJ	<0.0066	U		<0.0066	U	
		VMP-5-31-042814	4/28/2014	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-5-31-080814	8/8/2014	0.0022	J		<0.0084	U		<0.0083	U		<0.0036	U		0.0089			<0.036	U		<0.0067	U		<0.0067	U	
		VMP-5-31-110514	11/5/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0009	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-5-31-013015	1/30/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0016	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-5-31-042915	4/29/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-5-31-072915	7/29/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0038	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-5-31-102915	10/29/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-5-31-030916-R	3/9/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-5-31-042816	4/28/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U	U	0.00087	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-5-31-072816	7/28/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.00074	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-5-31-102516	10/26/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0085			<0.041	U		<0.0076	U		<0.0076	U	
	40 ft	VMP-5-40	11/6/2009	<14	U		<22	U		<22	U		<9.7	U		<12	U		<97	U		<18	U		<18	U	
		VMP-5-40-042111	4/21/2011	<920	U		<150	U		<150	U		<64	U		<81	U		<640	U		<120	U		<120	U	
		VMP-5-40-013012	1/30/2012	<27	U		<43	U		<42	U		<18	U		<24	U		<180	U		<34	U		<34	U	
		VMP-5-40-041212	4/12/2012	<0.04	U		<0.064	U		<0.063	U		<0.028	U		0.092			<0.28	U		<0.051	U		<0.051	U	
		VMP-5-40-071212	7/12/2012	<0.043	U		<0.069	U		<0.068	U		<0.03	U		<0.038	U		<0.3	U		<0.055	U		<0.055	U	
		VMP-5-40-101112	10/11/2012	<0.0063	U		<0.01	U		0.0016	J		<0.0044	U		0.0046	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-5-40-012513	1/25/2013	<0.018	U		<0.03	U		<0.029	U		<0.013	U		<0.016	U		<0.13	U		<0.023	U		<0.023	U	
		VMP-5-40-012513-Dup	1/25/2013	<0.018	U		<0.029	U		<0.028	U		<0.012	U		<0.016	U		<0.12	U		<0.023	U		<0.023	U	
		VMP-5-40-042913	4/29/2013	<0.0061	J	U	<0.0098	J	U	<0.0097	U		<0.0042	U		<0.0054	J	U	<0.042	U		<0.0078	U		<0.0078	U	
		VMP-5-40-080113	8/1/2013	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		<0.0058	J	U	<0.046	U		<0.0084	U		<0.0084	U	
		VMP-5-40-110513	11/5/2013	<0.0052	U		<0.0083	ND,UJ	UJ	0.00081	J		<0.0036	U		0.00047	J		<0.036	U		<0.0066	U		<0.0066	ND,UJ	UJ
		VMP-5-40-021814	2/18/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.014			<0.038	ND,UJ	UJ	<0.0069	U		<0.0069	U	
		VMP-5-40-021814-Dup	2/18/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.01			<0.037	ND,UJ	UJ	<0.0068	U		<0.0068	U	
		VMP-5-40-042814	4/28/2014	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-5-40-042814-Dup	4/28/2014	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-5-40-080814	8/8/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0018	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-5-40-080814-DUP	8/8/2014	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0021	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-5-40-110514	11/5/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-5-40-013015	1/30/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.00097	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-5-40-042915	4/29/2015	<0.006	U		<0.0097	U		0.0036	J		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-5-40-072915	7/29/2015	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		0.011	J		<0.0076	U		<0.0076	U	
		VMP-5-40-102915	10/29/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-5-40-012516	1/25/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.018			<0.036	U		<0.0067	U		<0.0067	U	
		VMP-5-40-012516-DUP	1/25/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.019			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-5-40-042816	4/28/2016	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U	U	0.00061	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-5-40-072816	7/28/2016	<0.0056	U		<0.0091	U		0.0028	J		<0.0039	U		0.0027	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-5-40-102516	10/26/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0049			<0.037	U		<0.0068	U		<0.0068	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	5 ft	VMP-6-5	11/6/2009	<1.7	U		<2.7	U		<2.7	U		<1.2	U		<1.5	U		<12	U		<2.2	U		<2.2	U	
		VMP-6-5-090810	9/8/2010	<0.94	U		<1.5	U		<1.5	U		<0.65	U		<0.83	U		<6.5	U		<1.2	U		<1.2	U	
		VMP-6-5-111610	11/16/2010	<5.9	U		<9.5	U		<9.4	U		<4.1	U		<5.2	U		<41	U		<7.5	U		<7.5	U	
		VMP-6-5-020711	2/7/2011	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.015			<0.035	J	U	<0.0065	U		<0.0065	U	
		VMP-6-5-040811	4/8/2011	<0.011	U		<0.018	U		<0.018	U		<0.0076	U		0.0037	J		<0.077	U		<0.014	U		<0.014	U	
		VMP-6-5-080411	8/4/2011	<0.28	U		<0.46	U		<0.45	U		<0.2	U		0.53			<2	U		<0.36	U		<0.36	U	
		VMP-6-5-110911	11/9/2011	0.00069	J		<0.0055	U		<0.0055	U		<0.0024	U		0.026			<0.024	U		<0.0044	U		<0.0044	U	
		VMP-6-5-013112	1/31/2012	<0.04	U		<0.065	U		<0.064	U		<0.028	U		0.054			<0.28	U		<0.052	U		<0.052	U	
		VMP-6-5-041212	4/12/2012	0.00098	J		<0.0069	U		<0.0068	J	U	<0.003	J	U	0.013			<0.03	U		<0.0055	U		<0.0055	U	
		VMP-6-5-071612	7/16/2012	<0.0043	U		<0.0069	U		<0.0068	U		0.0015	J		0.0045			<0.03	U		<0.0055	U		<0.0055	U	
		VMP-6-5-101012	10/10/2012	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.00077	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-6-5-021213	2/12/2013	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	J	U	<0.037	U		<0.0067	U		<0.0067	U	
		VMP-6-5-022714	2/27/2014	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0095			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-6-5-042914	4/29/2014	<0.0056	U		<0.009	U		<0.0088	U		0.0035	J		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-6-5-080814	8/8/2014	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-6-5-110514	11/5/2014	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-6-5-020915	2/9/2015	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.003	J		0.007	J		<0.0066	U		<0.0066	U	
		VMP-6-5-042915	4/29/2015	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	J	U	<0.0049	U		<0.039	J	U	<0.0071	U		<0.0071	U	
		VMP-6-5-072715	7/27/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-6-5-102915	10/29/2015	<0.0054	U		<0.0086	U		0.0034	J		<0.0037	U		0.0016	J		0.0043	J		<0.0069	U		<0.0069	U	
		VMP-6-5-020116	2/1/2016	<0.0061	U		<0.0098	U		0.0032	J		<0.0042	U		0.0033	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-6-5-042516	4/25/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-6-5-072816	7/28/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-6-5-102816	10/28/2016	<0.0059	U		<0.0095	U		0.0076	J		<0.0041	U		<0.0052	J	U	<0.041	U		<0.0076	U		<0.0076	U	
	10 ft	VMP-6-10	11/6/2009	<1.8	U		<3	U		<2.9	U		<1.3	U		<1.6	U		<13	U		<2.3	U		<2.3	U	
		VMP-6-10-090810	9/8/2010	<1	U		<1.6	U		<1.6	U		<0.7	U		<0.9	U		<7.1	U		<1.3	U		<1.3	U	
		VMP-6-10-111710	11/17/2010	0.0022	J		<0.0088	U		0.0081	J		<0.0038	U		0.001	J		<0.038	U		0.0014	J		<0.007	U	
		VMP-6-10-020711	2/7/2011	<0.0054	U		<0.0086	U		0.0013	J		<0.0037	U		0.0029	J		<0.037	J	U	<0.0069	U		<0.0069	U	
		VMP-6-10-040811	4/8/2011	0.093	J		<0.21	U		<0.2	U		0.15			0.043	J		<0.9	U		<0.16	U		<0.16	U	
		VMP-6-10-080411	8/4/2011	<0.91	U		<1.5	U		<1.4	U		<0.63	U		0.26	J		<6.4	U		<1.2	U		<1.2	U	
		VMP-6-10-111011	11/10/2011	<0.0036	U		<0.0058	U		<0.0057	U		<0.0025	U		0.0052			<0.025	U		<0.0046	U		<0.0046	U	
		VMP-6-10-013112	1/31/2012	<0.63	U		<1	U		<1	U		<0.44	U		<0.56	U		<4.4	U		<0.81	U		<0.81	U	
		VMP-6-10-041212	4/12/2012	<0.0042	U		<0.0067	U		<0.0066	J	U	<0.0029	U		0.019			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-6-10-071612	7/16/2012	<0.0056	U		<0.0091	U		<0.009	J	U	<0.0039	J	U	0.0051			<0.039	U		<0.0072	J	U	<0.0072	U	
		VMP-6-10-101112	10/11/2012	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0027	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-6-10-020513	2/5/2013	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0041	U		<0.0052	J	U	<0.041	J	U	<0.0075	U		<0.0075	U	
		VMP-6-10-051513	5/15/2013	<0.006	U		<0.0097	U		0.0013	J		<0.0042	U		0.031			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-6-10-080813	8/8/2013	<0.0059	U		<0.0095	U		0.18			<0.0041	U		0.001	J		<0.041	J	U	<0.0075	U		<0.0075	U	
		VMP-6-10-110513	11/5/2013	<0.0056	U		<0.0091	ND,UJ	UJ	<0.009	U		<0.0039	U		0.00036	J		<0.039	U		<0.0072	U		<0.0072	ND,UJ	UJ
		VMP-6-10-022714	2/27/2014	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0014	J		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-6-10-042914	4/29/2014	<0.0053	U		<0.0085	U		<0.0084	U		0.0026	J		0.0012	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-6-10-080814	8/8/2014	<0.0054	U		<0.0088	U		0.003	J		0.0024	J		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-6-10-110514	11/5/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0011	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-6-10-020915	2/9/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0063			<0.036	U		<0.0067	U		<0.0067	U	
		VMP-6-10-042915	4/29/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.013			<0.041	U		<0.0076	U		<0.0076	U	
		VMP-6-10-072715	7/27/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-6-10-102915	10/29/2015	<0.0053	U		<0.0086	U		<0.0085	U		0.0032	J		0.002	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-6-10-020116	2/1/2016	<0.0062	U		<0.01	U		0.0024	J		<0.0043	U		0.0066			<0.043	U		<0.0079	U		<0.0079	U	
		VMP-6-10-042516	4/25/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-6-10-072816	7/28/2016	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-6-10-102816	10/28/2016	<0.0056	U		<0.0091	U		0.0024	J		<0.0039	U		0.0052			<0.039	U		<0.0072	U		<0.0072	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	31.5 ft	VMP-6-31.5	11/9/2009	<12	U		<19	U		<19	U		<8.2	U		<10	U		<83	U		<15	U		<15	U	
		VMP-6-31.5-090810	9/8/2010	<6.8	U		<11	U		<11	U		<4.7	U		<6.1	U		<48	U		<8.8	U		<8.8	U	
		VMP-6-31.5-111710	11/17/2010	<11	U		<17	U		<17	U		<7.4	U		<9.5	U		<75	U		<14	U		<14	U	
		VMP-6-31.5-020711	2/7/2011	<10	U		<17	U		<16	U		<7.1	U		2.8	J		<72	U		<13	U		<13	U	
		VMP-6-31.5-041111	4/11/2011	3	J		<13	U		1	J		<5.5	U		1.4	J		<56	U		<10	U		<10	U	
		VMP-6-31.5-080411	8/4/2011	<5.9	U		<9.5	U		<9.4	U		<4.1	U		1.5	J		<41	U		<7.6	U		<7.6	U	
		VMP-6-31.5-111011	11/10/2011	<9.1	U		<15	U		<14	U		<6.3	U		20			<64	U		<12	U		<12	U	
		VMP-6-31.5-013112	1/31/2012	<3.6	U		<5.9	U		<5.8	U		<2.5	U		<3.2	U		<25	U		<4.7	U		<4.7	U	
		VMP-6-31.5-041212	4/12/2012	<0.49	U		<0.79	U		<0.78	U		<0.34	U		0.47			<3.4	U		<0.62	U		<0.62	U	
		VMP-6-31.5-071612	7/16/2012	<0.0077	U		<0.012	U		0.0074	J		<0.0053	U		0.029			<0.054	U		<0.0099	U		<0.0099	U	
		VMP-6-31.5-101112	10/11/2012	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0016	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-6-31.5-020513	2/5/2013	<0.0055	U		<0.0088	U		<0.0088	J	U	<0.0038	U		<0.0049	J	U	<0.038	U		<0.007	U		<0.007	U	
		VMP-6-31.5-042913	4/29/2013	<0.0064	U		<0.01	J	U	<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-6-31.5-080813	8/8/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.00092	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-6-31.5-110513	11/5/2013	<0.005	U		<0.0081	ND,UJ	UJ	<0.008	U		<0.0035	U		0.001	J		<0.035	U		<0.0064	U		<0.0064	ND,UJ	UJ
		VMP-6-31.5-022714	2/27/2014	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-6-31.5-042914	4/29/2014	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-6-31.5-080814	8/8/2014	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-6-31.5-110514	11/5/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.002	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-6-31.5-020915	2/9/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.00087	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-6-31.5-042915	4/29/2015	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0037	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-6-31.5-042915-DUP	4/29/2015	<0.0066	U		<0.01	U		<0.01	U		<0.0045	U		0.0038	J		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-6-31.5-072715	7/27/2015	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-6-31.5-112515	11/25/2015	<0.01	U		<0.016	U		<0.016	U		<0.007	U		<0.0089	U		<0.07	U		<0.013	U		<0.013	U	
		VMP-6-31.5-020116	2/1/2016	<0.0057	U		<0.0092	U		0.0069	J		0.0036	J		0.0072			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-6-31.5-042516	4/25/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-6-31.5-072816	7/28/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		<0.0058	U		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-6-31.5-102816	10/28/2016	<0.0089	U		<0.014	U		0.0041	J		<0.0062	U		0.051			<0.062	U		<0.011	U		<0.011	U	
	39 ft	VMP-6-39	11/9/2009	<14	U		<22	U		<22	U		<9.4	U		<12	U		<94	U		<17	U		<17	U	
		VMP-6-39-041111	4/11/2011	2.6	J		<15	U		<15	U		<6.6	U		2.3	J		<66	U		<12	U		<12	U	
		VMP-6-39-013112	1/31/2012	<3.6	U		<5.9	U		<5.8	U		<2.5	U		<3.2	U		<25	U		<4.7	U		<4.7	U	
		VMP-6-39-041212	4/12/2012	<0.36	U		<0.58	U		<0.57	U		<0.25	U		0.17	J		<2.5	U		<0.46	U		<0.46	U	
		VMP-6-39-071612	7/16/2012	<0.017	U		<0.027	U		<0.027	U		<0.012	U		0.0092	J		<0.12	U		<0.021	U		<0.021	U	
		VMP-6-39-071612-Dup	7/16/2012	<0.017	U		<0.027	U		<0.027	U		<0.012	U		0.0067	J		<0.12	U		<0.022	U		<0.022	U	
		VMP-6-39-101112	10/11/2012	<0.011	U		<0.018	U		<0.018	U		<0.0079	U		0.0035	J		<0.08	U		<0.015	U		<0.015	U	
		VMP-6-39-020513	2/5/2013	<0.0056	U		<0.0091	U		<0.009	J	U	<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-6-39-050913	5/9/2013	<0.012	U		<0.019	U		<0.018	U		<0.008	U		0.0048	J		<0.081	U		<0.015	U		<0.015	U	
		VMP-6-39-050913-Dup	5/9/2013	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.0014	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-6-39-080813-Dup	8/8/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.00067	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-6-39-081513	8/15/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.00067	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-6-39-110513	11/5/2013	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		0.00024	J		<0.038	J	U	<0.007	U		<0.007	U	
		VMP-6-39-022714	2/27/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-6-39-042914	4/29/2014	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		0.0028	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-6-39-080814	8/8/2014	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0079			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-6-39-110514	11/5/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.00096	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-6-39-020915	2/9/2015	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0014	J		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-6-39-020915-DUP	2/9/2015	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		0.0014	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-6-39-042915	4/29/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-6-39-072715	7/27/2015	<0.0058	U		<0.0093	U		<0.0092	U		0.0034	J		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-6-39-072715-DUP	7/27/2015	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-6-39-102915	10/29/2015	<0.018	U		<0.03	U		<0.029	U		<0.013	U		<0.016	U		<0.13	U		<0.024	U		<0.024	U	
		VMP-6-39-102915-DUP	10/29/2015	<0.019	U		<0.03	U		<0.03	U		<0.013	U		<0.016	U		<0.13	U		<0.024	U		<0.024	U	
		VMP-6-39-020116	2/1/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.00065	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-6-39-020116-DUP	2/1/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0011	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-6-39-042516	4/25/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.14			<0.046	U		<0.0085	U		<0.0085	U	
		VMP-6-39-072816	7/28/2016	<0.007	U		<0.011	U		<0.011	U		<0.0048	U		<0.0062	U		<0.048	U		<0.0089	U		<0.0089	U	
		VMP-6-39-102816	10/28/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5	11/9/2009	<0.005	U		<0.008	U		<0.007	U		<0.003	U		0.0071			<0.034	U		<0.006	U		<0.006	U	
		VMP-7-5-082610	8/26/2010	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0012	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-7-5-111910	11/19/2010	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-7-5-020711	2/7/2011	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.001	J		<0.038	J	U	<0.007	U		<0.007	U	
		VMP-7-5-040711	4/7/2011	<0.0078	U		<0.012	U		<0.012	U		<0.0054	U		0.0025	J		<0.054	U		<0.0099	U		<0.0099	U	
		VMP-7-5-080211	8/2/2011	<0.77	U		<1.2	U		<1.2	U		<0.53	U		<0.68	U		<5.4	U		<0.98	U		<0.98	U	
		VMP-7-5-111011	11/10/2011	<0.0036	U		<0.0059	U		<0.0058	U		<0.0025	U		0.0037			<0.025	U		<0.0047	U		<0.0047	U	
		VMP-7-5-111011-DUP	11/10/2011	<0.0034	U		<0.0055	U		<0.0055	U		<0.0024	U		0.0047			<0.024	U		<0.0044	U		<0.0044	U	
		VMP-7-5-013112	1/31/2012	0.00053	J		<0.006	U		<0.0059	U		0.04			0.011			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-7-5-041212	4/12/2012	0.0013	J		<0.0065	U		<0.0064	J	U	0.0062			0.027			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-7-5-073112	7/31/2012	0.0015	J		<0.017	U		<0.017	U		0.0047	J		0.1			<0.073	U		<0.013	U		<0.013	U	
		VMP-7-5-101012	10/10/2012	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0011	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-7-5-060613	6/6/2013	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	J	U	<0.043	U		<0.0079	U		<0.0079	U	
		VMP-7-5-073013	7/30/2013	<0.0058	U		<0.0093	U		<0.0092	U		0.0011	J		0.0016	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-7-5-102213	10/22/2013	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.0041	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-7-5-022414	2/24/2014	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	J	U	<0.035	U		<0.0065	U		<0.0065	U	
		VMP-7-5-043014	4/30/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-7-5-080514	8/5/2014	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-7-5-102714	10/27/2014	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		0.0014	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-7-5-020215	2/2/2015	<0.0064	U		<0.01	U		<0.01	U		0.0028	J		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-7-5-043015	4/30/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-7-5-072715	7/27/2015	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-7-5-102815	10/28/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.012			<0.035	U		<0.0065	U		<0.0065	U	
		VMP-7-5-012716	1/27/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0033	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-7-5-042916	4/29/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-7-5-072616	7/26/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-7-5-102516	10/25/2016	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0043	J		<0.036	U		<0.0066	U		<0.0066	U	
	13.5 ft	VMP-7-13.5	11/9/2009	<0.038	U		<0.061	U		<0.061	U		<0.026	U		<0.034	U		<0.26	U		<0.049	U		<0.049	U	
		VMP-7-13.5-082610	8/26/2010	<0.12	U		<0.2	U		<0.2	U		<0.085	U		<0.11	U		<0.86	U		<0.16	U		<0.16	U	
		VMP-7-13.5-111910	11/19/2010	<0.86	U		<1.4	U		<1.4	U		<0.59	U		<0.76	U		<6	U		<1.1	U		<1.1	U	
		VMP-7-13.5-020711	2/7/2011	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	J	U	<0.0067	U		<0.0067	U	
		VMP-7-13.5-040711	4/7/2011	<0.0092	U		<0.015	U		<0.015	U		<0.0064	U		0.0016	J		<0.064	U		<0.012	U		<0.012	U	
		VMP-7-13.5-080311	8/3/2011	<1	U		<1.6	U		<1.6	U		<0.71	U		<0.91	U		<7.2	U		<1.3	U		<1.3	U	
		VMP-7-13.5-111011	11/10/2011	<0.0034	U		<0.0054	U		<0.0054	U		<0.0023	U		0.007			<0.023	U		<0.0043	U		<0.0043	U	
		VMP-7-13.5-013112	1/31/2012	<0.048	U		<0.077	U		<0.076	U		<0.033	U		0.017	J	J	<0.33	U		<0.061	U		<0.061	U	
		VMP-7-13.5-013112-DUP	1/31/2012	<0.049	U		<0.079	U		<0.078	U		<0.034	U		<0.043	U		<0.34	U		<0.062	U		<0.062	U	
		VMP-7-13.5-041212	4/12/2012	0.00086	J		<0.0063	U		<0.0062	J	U	0.0064			0.02		J	<0.027	U		<0.005	U		<0.005	U	
		VMP-7-13.5-041212-DUP	4/12/2012	0.0018	J		<0.0066	U		<0.0065	J	U	0.0052			0.035		J	<0.029	U		<0.0053	U		<0.0053	U	
		VMP-7-13.5-072012	7/20/2012	0.0012	J		<0.0064	U		<0.0063	U		0.00095	J		0.076			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-7-13.5-101012	10/10/2012	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0011	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-7-13.5-021313	2/13/2013	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	J	U	<0.041	J	U	<0.0075	U		<0.0075	U	
		VMP-7-13.5-060513	6/5/2013	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		<0.0059	J	U	<0.046	U		<0.0085	U		<0.0085	U	
		VMP-7-13.5-073013	7/30/2013	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-7-13.5-110113	11/1/2013	<0.006	U		<0.0096	ND,UJ	UJ	<0.0095	U		<0.0041	U		<0.0053	U		0.0028	J		<0.0076	U		<0.0076	ND,UJ	UJ
		VMP-7-13.5-022414	2/24/2014	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-7-13.5-043014	4/30/2014	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.00083	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-7-13.5-080514	8/5/2014	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.006	U		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-7-13.5-102714	10/27/2014	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0022	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-7-13.5-020215	2/2/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-7-13.5-043015	4/30/2015	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.006	U		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-7-13.5-072715	7/27/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-7-13.5-102815	10/28/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-7-13.5-012716	1/27/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-7-13.5-042916	4/29/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-7-13.5-072616	7/26/2016	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0011	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-7-13.5-102516	10/25/2016	0.00087	J		<0.0084	U		<0.0083	U		<0.0036	U		0.0079			<0.036	U		<0.0066	U		<0.0066	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5	11/9/2009	<0.81	U		<1.3	U		<1.3	U		<0.56	U		1.1		J	<5.7	U	UJ	<1	U		<1	U	
		VMP - 7 - 29.5 - 083110	8/31/2010	<1.8	U		<2.8	U		<2.8	U		<1.2	U		1	J	J	<12	U		<2.2	U		<2.2	U	
		VMP-7-29.5-111910	11/19/2010	<2.6	U		<4.2	U		<4.2	U		<1.8	U		<2.3	U		<18	U		<3.4	U		<3.4	U	
		VMP-7-29.5-020711	2/7/2011	<2.7	U		<4.4	U		<4.4	U		<1.9	U		<2.4	U		<19	U		<3.5	U		<3.5	U	
		VMP-7-29.5-040711	4/7/2011	<0.67	U		<1.1	U		<1.1	U		<0.46	U		<0.59	U		<4.6	U		<0.85	U		<0.85	U	
		VMP-7-29.5-080311	8/3/2011	<1.6	U		<2.5	U		<2.5	U		<1.1	U		<1.4	U		<11	U		<2	U		<2	U	
		VMP-7-29.5-111111	11/11/2011	0.62	J		<5	U		<4.9	U		<2.1	U		16			<22	U		<4	U		<4	U	
		VMP-7-29.5-020112	2/1/2012	<0.62	U		<1	U		<0.99	U		<0.43	U		<0.55	U		<4.3	U	UJ	<0.8	U		<0.8	U	
		VMP-7-29.5-041312	4/13/2012	0.0012	J		<0.0063	U		<0.0062	U		<0.0027	J	U	0.016			<0.027	U		<0.005	U		<0.005	U	
		VMP-7-29.5-072012	7/20/2012	0.00076	J		0.003	J		<0.0063	U		0.0016	J		0.017			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-7-29.5-072012-Dup	7/20/2012	0.00078	J		<0.0064	U		<0.0063	U		<0.0028	U		0.018			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-7-29.5-101012	10/10/2012	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0013	J		<0.043	J	U	<0.0079	U		<0.0079	U	
		VMP-7-29.5-060613	6/6/2013	<0.0064	U		<0.01	U		<0.01	U		0.0044			<0.0057	J	U	<0.045	U		<0.0082	U		<0.0082	U	
		VMP-7-29.5-073013	7/30/2013	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.00066	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-7-29.5-102213	10/22/2013	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.00064	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-7-29.5-022414	2/24/2014	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-7-29.5-043014	4/30/2014	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-7-29.5-080514	8/5/2014	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-7-29.5-102714	10/27/2014	<0.0058	U		<0.0093	U		<0.0092	U		0.0013	J		0.0017	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-7-29.5-020215	2/2/2015	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-7-29.5-043015	4/30/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-7-29.5-072715	7/27/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-7-29.5-102815	10/28/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-7-29.5-012716	1/27/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-7-29.5-042916	4/29/2016	<0.011	U		<0.017	U		<0.017	U		<0.0074	U		0.011			<0.074	U		<0.014	U		<0.014	U	
		VMP-7-29.5-072616	7/26/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0018	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-7-29.5-102516	10/25/2016	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0073			<0.036	U		<0.0066	U		<0.0066	U	
	38 ft	VMP-7-38	11/9/2009	<0.28	U		<0.45	U		<0.45	U		<0.19	U		0.55		J	<2	U	UJ	<0.36	U		<0.36	U	
		VMP-7-38-020711	2/7/2011	<3.7	U		<5.9	U		<5.9	U		<2.6	U		<3.2	U		<26	U		<4.7	U		<4.7	U	
		VMP-7-38-040711	4/7/2011	<0.94	U		<1.5	U		<1.5	U		<0.65	U		<0.83	U		<6.5	U		<1.2	U		<1.2	U	
		VMP-7-38-020112	2/1/2012	<0.89	U		<1.4	U		<1.4	U		<0.62	U		<0.79	U		<6.2	U	UJ	<1.1	U		<1.1	U	
		VMP-7-38-042512	4/25/2012	<0.0039	U		<0.0063	U		<0.0062	J	U	<0.0027	U		0.014			<0.027	U		<0.005	U		<0.005	U	
		VMP-7-38-042512-Dup	4/25/2012	0.0011	J		<0.0063	U		<0.0062	J	U	<0.0027	U		0.013			<0.027	U		<0.005	U		<0.005	U	
		VMP-7-38-101112	10/11/2012	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0022	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-7-38-060613	6/6/2013	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.0036	J		<0.048	U		<0.0088	U		<0.0088	U	
		VMP-7-38-073013	7/30/2013	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.00096	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-7-38-110113	11/1/2013	<0.0059	U		<0.0095	ND,UJ	UJ	<0.0094	U		0.00087	J		0.0031	J		0.00072	J		<0.0076	U		<0.0076	ND,UJ	UJ
		VMP-7-38-022414	2/24/2014	<0.0045	U		<0.0072	U		<0.0072	U		<0.0031	U		<0.004	U		<0.031	U		<0.0058	U		<0.0058	U	
		VMP-7-38-043014	4/30/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0007	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-7-38-043014-DUP	4/30/2014	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-7-38-080514	8/5/2014	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-7-38-080514-DUP	8/5/2014	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-7-38-102714	10/27/2014	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		0.0043	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-7-38-020215	2/2/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-7-38-043015	4/30/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		0.0033	J		<0.0077	U		<0.0077	U	
		VMP-7-38-072715	7/27/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-7-38-102815	10/28/2015	<0.0059	U		<0.0095	U		<0.0094	U		0.0054			<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-7-38-102815-DUP	10/28/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-7-38-012716	1/27/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U	UJ	<0.035	U		<0.0065	U		<0.0065	U	
		VMP-7-38-012716-DUP	1/27/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.012		J	<0.044	U		<0.0081	U		<0.0081	U	
		VMP-7-38-042916	4/29/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0031	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-7-38-042916-DUP	4/29/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0034	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-7-38-072616	7/26/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		<0.006	U		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-7-38-072616-DUP	7/26/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-7-38-102516	10/25/2016	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-7-38-102516-Dup	10/25/2016	<0.011	U		<0.018	U		<0.018	U		<0.0076	U		<0.0098	U		<0.077	U		<0.014	U		<0.014	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5	11/10/2009	<0.005	U		<0.008	U		<0.007	U		<0.003	U		<0.004	U		<0.034	U		<0.006	U		<0.006	U	
		VMP - 8 - 5 - 083010	8/30/2010	<0.0057	U		<0.0092	U		0.0048	J		<0.004	U		0.0011	J		0.015	J		0.00087	J		0.0009	J	
		VMP-8-5-111810	11/17/2010	0.0024	J		<0.008	U		0.0026	J		<0.0034	U		0.00096	J		<0.034	U		0.0009	J		<0.0064	U	
		VMP-8-5-021011	2/10/2011	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-8-5-040711	4/7/2011	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0041	U		0.0016	J		<0.041	J	U	<0.0075	U		<0.0075	U	
		VMP-8-5-072711	7/27/2011	0.0015	J		<0.01	U		0.0028	J		<0.0044	U		0.023			<0.044	U		<0.0081	U		<0.0081	U	
		VMP-8-5-110311	11/3/2011	<0.0036	U		<0.0059	U		<0.0058	U		0.00065	J		0.023			<0.025	U		<0.0047	U		<0.0047	U	
		VMP-8-5-012312	1/23/2012	<0.0045	U		<0.0073	U		0.0029	J		0.0016	J		0.0047			<0.031	J	U	<0.0058	U		<0.0058	U	
		VMP-8-5-041012	4/10/2012	0.00077	J		<0.0066	U		0.0016	J		<0.0028	U		0.0076			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-8-5-071312	7/13/2012	<0.0034	U		<0.0055	U		<0.0055	U		<0.0024	U		<0.003	J	U	<0.024	U		<0.0044	U		<0.0044	U	
		VMP-8-5-073112	7/31/2012	0.0019	J		<0.0071	U		0.0028	J		0.0048			0.14			<0.03	U		<0.0056	U		<0.0056	U	
		VMP-8-5-100412	10/4/2012	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0013	J		0.0061	J		<0.0075	U		<0.0075	U	
		VMP-8-5-100412-Dup	10/4/2012	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0015	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-8-5-012413	1/24/2013	<0.0057	U		<0.0092	U		<0.0091	U		0.0041			0.0014	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-5-042513	4/25/2013	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-8-5-073013	7/30/2013	<0.0058	U		<0.0093	U		<0.0092	U		0.0037	J		0.0015	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-8-5-102213	10/22/2013	<0.0057	U		<0.0092	U		<0.009	U		0.00081	J		0.02			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-5-021014	2/10/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-8-5-042514	4/25/2014	<0.0059	U		<0.0095	U		<0.0094	U		0.00098	J		0.0011	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-8-5-073014	7/30/2014	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-8-5-103114	10/31/2014	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-8-5-020915	2/9/2015	<0.0057	U		<0.0092	U		0.0012	J		<0.004	U		0.0099			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-5-042715	4/27/2015	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0044	U		<0.034	J	UJ	<0.0063	U		<0.0063	U	
		VMP-8-5-072815	7/28/2015	<0.0054	U		<0.0087	U		<0.0086	U		0.0027	J		0.0055			<0.038	U		<0.0069	U		<0.0069	U	
		VMP-8-5-102715	10/27/2015	<0.0056	U		<0.0091	U		<0.009	U		0.0028	J		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-8-5-012716	1/27/2016	<0.005	U		<0.008	U		0.0034	J		<0.0034	U		0.024			<0.035	U		<0.0064	U		<0.0064	U	
		VMP-8-5-042916	4/29/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.001	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-8-5-072916	7/29/2016	<0.006	U		<0.0097	U		<0.0096	U		0.0058			0.001	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-8-5-102516	10/25/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0012	J		<0.037	U		<0.0069	U		<0.0069	U	
	9.5 ft	VMP-8-9.5	11/10/2009	<0.004	U		<0.007	U		<0.007	U		<0.003	U		<0.004	U		<0.033	U		<0.006	U		<0.006	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	<0.0052	U		<0.0083	U		0.0045	J		<0.0036	U		0.0033	J		0.01	J		<0.0066	U		0.00075	J	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	0.0011	J		<0.0085	U		0.0043	J		<0.0036	U		0.0007	J		<0.037	U		0.00072	J		0.00084	J	
		VMP-8-9.5-111810	11/17/2010	0.0018	J		<0.0083	U		0.0098			<0.0036	U		0.001	J		<0.036	U		0.0015	J		<0.0066	U	
		VMP-8-9.5-021011	2/10/2011	<0.0054	U		<0.0086	U		0.0042	J		<0.0037	U		0.0011	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-8-9.5-040711	4/7/2011	<0.0059	U		<0.0095	U		0.0046	J		<0.0041	U		0.0012	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-8-9.5-072711	7/27/2011	0.0022	J		<0.0073	U		0.0025	J		<0.0031	U		0.02			<0.032	U		<0.0058	U		<0.0058	U	
		VMP-8-9.5-110311	11/3/2011	<0.0036	U		<0.0058	U		<0.0057	U		0.00073	J		0.023			<0.025	U		<0.0046	U		<0.0046	U	
		VMP-8-9.5-012312	1/23/2012	<0.0043	U		<0.007	U		0.0037	J		0.0014	J		0.0046			<0.03	U		<0.0055	U		<0.0055	U	
		VMP-8-9.5-041012	4/10/2012	0.00097	J		<0.0066	U		0.0014	J		<0.0028	U		0.012			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-8-9.5-071312	7/13/2012	<0.004	U		<0.0064	U		<0.0063	U		<0.0028	U		<0.0035	U		<0.028	U		<0.0051	U		<0.0051	U	
		VMP-8-9.5-071312-Dup	7/13/2012	<0.0038	U		<0.0061	U		<0.0061	U		<0.0026	U		<0.0034	U		<0.026	U		<0.0049	U		<0.0049	U	
		VMP-8-9.5-100412	10/4/2012	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0043	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-8-9.5-012413	1/24/2013	<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-8-9.5-012413-Dup	1/24/2013	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-9.5-042513	4/25/2013	<0.0057	J	U	<0.0092	J	U	<0.0091	U		<0.004	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-9.5-073013	7/30/2013	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0017	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-8-9.5-102213	10/22/2013	<0.0057	U		<0.0092	U		0.00087	J		<0.004	U		0.00074	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-9.5-021014	2/10/2014	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.067		J	<0.035	U		<0.0065	U		<0.0065	U	
		VMP-8-9.5-021014-Dup	2/10/2014	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.034		J	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-8-9.5-042514	4/25/2014	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-8-9.5-073014	7/30/2014	<0.0054	U		<0.0087	U		<0.0086	J	U	0.0028	J		0.0094			<0.038	U		<0.0069	U		<0.0069	U	
		VMP-8-9.5-103114	10/31/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-8-9.5-020915	2/9/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0061		U	<0.036	U		<0.0066	U		<0.0066	U	
		VMP-8-9.5-042715	4/27/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	ND,UJ	UJ	<0.0065	U		<0.0065	U	
		VMP-8-9.5-072815	7/28/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0016	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-8-9.5-102715	10/27/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.002	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-8-9.5-012716	1/27/2016	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.00062	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-8-9.5-042916	4/29/2016	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		0.00041	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-8-9.5-072916	7/29/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.00049	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-8-9.5-102516	10/25/2016	<0.0051	U		<0.0082	U		0.0023	J		<0.0035	U		0.00096	J		<0.036	U		<0.0065	U		<0.0065	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	23.5 ft	VMP-8-23.5	11/10/2009	<0.005	U		<0.008	U		<0.008	U		<0.003	U		<0.004	U		<0.035	U		<0.006	U		<0.006	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	<0.0056	U		<0.0091	U		0.0038	J		<0.0039	U		0.00063	J		<0.039	U		0.00084	J		0.001	J	
		VMP-8-23.5-111910	11/19/2010	0.0024	J		<0.0086	U		0.0041	J		<0.0037	U		0.0013	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-8-23.5-021011	2/10/2011	<0.0057	U		<0.0092	U		0.0041	J		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-23.5-040711	4/7/2011	<0.0054	U		<0.0086	U		0.0045	J		<0.0037	U		0.0015	J		0.002	J		<0.0069	U		<0.0069	U	
		VMP-8-23.5-040711-DUP	4/7/2011	<0.0085	U		<0.014	U		0.0052	J		<0.0059	U		0.0014	J		0.0048	J		<0.011	U		0.0025	J	
		VMP-8-23.5-081011	8/10/2011	0.0012	J		<0.0091	U		0.0022	J		<0.0039	U		0.015			<0.039	J	U	<0.0072	U		<0.0072	U	
		VMP-8-23.5-110611	11/6/2011	<0.0041	U		<0.0066	U		<0.0065	J	U	<0.0028	U		0.012			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-8-23.5-012312	1/23/2012	<0.0045	U		<0.0073	U		0.0033	J		<0.0031	U		0.0046			<0.031	U		<0.0058	U		<0.0058	U	
		VMP-8-23.5-041012	4/10/2012	<0.004	U		<0.0064	U		0.0017	J		<0.0028	U		0.018			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-8-23.5-071312	7/13/2012	<0.0044	U		<0.0071	U		<0.007	U		<0.003	U		<0.0039	J	U	<0.03	U		<0.0056	U		<0.0056	U	
		VMP-8-23.5-100412	10/4/2012	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0028	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-8-23.5-012413	1/24/2013	<0.0062	U		<0.0099	U		0.0034	J		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-8-23.5-050113	5/1/2013	<0.0064	U		<0.01	U		0.0035	J		0.0022	J		0.0013	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-8-23.5-073013	7/30/2013	<0.0058	U		<0.0093	U		0.0019	J		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-8-23.5-073013-Dup	7/30/2013	<0.0057	U		<0.0092	U		0.0019	J		<0.004	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-23.5-102213	10/22/2013	<0.0058	U		<0.0093	U		0.003	J		<0.004	U		0.00067	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-8-23.5-021014	2/10/2014	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-8-23.5-042514	4/25/2014	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-8-23.5-073014	7/30/2014	<0.0057	U		<0.0092	U		<0.009	J	U	<0.0039	U		0.002	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-23.5-103114	10/31/2014	<0.0059	U		<0.0095	U		0.002	J		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-8-23.5-020915	2/9/2015	<0.0052	U		<0.0083	U		0.0021	J		<0.0036	U		<0.006		U	<0.036	U		<0.0066	U		<0.0066	U	
		VMP-8-23.5-050515-R	5/5/2015	<0.0056	U		<0.009	U		0.0012	J		<0.0039	U		0.0011	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-8-23.5-072815	7/28/2015	<0.0051	U		<0.0082	U		<0.0081	U		0.0035			0.01			<0.035	U		<0.0065	U		<0.0065	U	
		VMP-8-23.5-102715	10/27/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-23.5-012716	1/27/2016	<0.0058	U		<0.0093	U		0.0049	J		<0.004	U		0.0012	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-8-23.5-042916	4/29/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-8-23.5-072916	7/29/2016	<0.0048	U		<0.0077	U		<0.0076	U		0.0034			0.0015	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-8-23.5-072916-DUP	7/29/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.00092	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-8-23.5-102516	10/25/2016	<0.0055	U		<0.0089	U		0.0018	J		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
	35.5 ft	VMP-8-35.5-042514	4/25/2014	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0064			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-8-35.5-073014	7/30/2014	<0.0057	U		<0.0092	U		<0.0091	U		0.0012	J		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-35.5-103114	10/31/2014	<0.005	U		<0.008	U		0.002	J		<0.0034	U		0.0044			<0.034	U		<0.0064	U		<0.0064	U	
		VMP-8-35.5-103114-DUP	10/31/2014	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		0.0049			<0.034	U		<0.0063	U		<0.0063	U	
		VMP-8-35.5-020915	2/9/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.006		U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-35.5-042715	4/27/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	ND,UJ	UJ	<0.0069	U		<0.0069	U	
		VMP-8-35.5-072815	7/28/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-8-35.5-072815-DUP	7/28/2015	<0.0054	U		<0.0088	U		0.0076	J		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-8-35.5-012816	1/28/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0012	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-8-35.5-012816-DUP	1/28/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.00086	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-35.5-042916	4/29/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.00042	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-8-35.5-080316	8/3/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.00058	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-8-35.5-102516	10/25/2016	<0.0056	U		<0.009	U		0.002	J		<0.0039	U		0.00053	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-8-35.5-102516-Dup	10/25/2016	<0.0056	U		<0.009	U		0.0017	J		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5	11/11/2009	<0.004	U		<0.007	U		<0.007	U		<0.003	U		<0.004	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-9-5-082610	8/26/2010	<0.0048	U		<0.0078	U		0.0023	J		<0.0034	U		0.0036	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-9-5-111910	11/19/2010	0.0017	J		<0.0082	U		0.016			<0.0035	U		0.00064	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-9-5-020811	2/8/2011	<0.0047	U		<0.0076	U		0.001	J		<0.0032	U		0.0035	J		<0.033	J	U	<0.006	U		<0.006	U	
		VMP-9-5-040611	4/6/2011	<0.013	U		<0.021	U		0.0058	J		<0.0089	U		0.0019	J		<0.09	J	U	<0.016	U		<0.016	U	
		VMP-9-5-080211	8/2/2011	<0.25	U		<0.4	U		<0.4	U		<0.17	U		0.048	J		<1.8	U		<0.32	U		<0.32	U	
		VMP-9-5-110411	11/4/2011	<0.0037	U		<0.006	U		<0.0059	U		<0.0026	U		0.0076			<0.026	J	U	<0.0048	U		<0.0048	U	
		VMP-9-5-012612	1/26/2012	<0.0032	U		<0.0051	U		<0.005	J	U	<0.0022	U		0.0058			<0.022	J	U	<0.0041	U		<0.0041	U	
		VMP-9-5-041112	4/11/2012	<0.0038	U		<0.0061	U		0.0013	J		<0.0026	U		0.0047			<0.026	U		<0.0049	U		<0.0049	U	
		VMP-9-5-071312	7/13/2012	<0.0041	J	U	<0.0066	U		<0.0065	U		0.0024	J		0.047			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-9-5-101012	10/10/2012	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0005	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-9-5-012513	1/25/2013	<0.006	U	UJ	<0.0097	U	UJ	<0.0096	J	UJ	<0.0042	U	UJ	<0.0053	J	UJ	<0.042	U	UJ	<0.0077	U	UJ	<0.0077	U	UJ
		VMP-9-5-021513	2/15/2013	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.00082	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-9-5-050113	5/1/2013	<0.0063	U		<0.01	U		<0.01	J	U	<0.0043	U		0.0016	J		<0.044	J	U	<0.008	U		<0.008	U	
		VMP-9-5-073013	7/30/2013	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-9-5-102213	10/22/2013	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.00031	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-9-5-122013-R	12/20/2013	<0.0056	J	U	<0.0091	U		<0.009	U		<0.0039	U		0.0018	J		<0.039	J	U	<0.0072	U		<0.0072	U	
		VMP-9-5-021114	2/11/2014	<0.0045	U		<0.0072	U		<0.0072	U		<0.0031	U		0.019			<0.031	U		<0.0058	U		<0.0058	U	
		VMP-9-5-043014	4/30/2014	<0.005	J	U	<0.0081	U		<0.008	U		<0.0035	U		0.013			<0.035	U		<0.0065	U		<0.0065	U	
		VMP-9-5-081114	8/11/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-9-5-110614	11/6/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0018	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-9-5-021115	2/11/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.018			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-9-5-050415	5/4/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		0.0068	J		<0.0075	U		<0.0075	U	
		VMP-9-5-072815	7/28/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-9-5-102815	10/28/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-9-5-012816	1/28/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	ND,UJ	UJ	<0.0069	U		<0.0069	U	
		VMP-9-5-042816	4/28/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U	U	0.0012	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-9-5-080116	8/1/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-9-5-102516	10/25/2016	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		0.0022	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-9-5-120916	12/9/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.33			<0.036	U		<0.0066	U		<0.0066	U	
	11.5 ft	VMP-9-11.5	11/11/2009	<0.005	U		<0.009	U		<0.009	U		<0.004	U		0.032			<0.041	U		<0.007	U		<0.007	U	
		VMP-9-11.5-082610	8/26/2010	<0.11	U		<0.18	U		<0.17	U		<0.076	U		<0.097	U		<0.76	U		<0.14	U		<0.14	U	
		VMP-9-11.5-111910	11/19/2010	<0.32	U		<0.51	U		<0.5	U		<0.22	U		<0.28	U		<2.2	U		<0.41	U		<0.41	U	
		VMP-9-11.5-020911	2/9/2011	<0.0057	U		<0.0092	U		0.0039	J		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-9-11.5-020911-DUP	2/9/2011	<0.0044	U		<0.0072	U		0.0037	J		<0.0031	U		0.0029	J		<0.031	U		<0.0057	U		<0.0057	U	
		VMP-9-11.5-040611	4/6/2011	<0.017	U		<0.027	U		0.0037	J		<0.012	U		<0.015	U		<0.12	J	U	<0.022	U		<0.022	U	
		VMP-9-11.5-080211	8/2/2011	<0.37	U		<0.6	U		<0.6	U		<0.26	U		<0.33	U		<2.6	U		<0.48	U		<0.48	U	
		VMP-9-11.5-110411	11/4/2011	<0.0037	U		<0.006	U		<0.0059	U		<0.0026	U		0.012			<0.026	J	U	<0.0048	U		<0.0048	U	
		VMP-9-11.5-012612	1/26/2012	0.00049	J		<0.0053	U		<0.0052	J	U	0.0025			0.009			<0.023	J	U	<0.0042	U		<0.0042	U	
		VMP-9-11.5-041112	4/11/2012	<0.0039	U		<0.0063	U		0.0018	J		<0.0027	U		0.02			<0.027	U		<0.005	U		<0.005	U	
		VMP-9-11.5-071312	7/13/2012	<0.0044	J	U	<0.0071	U		0.0021	J		0.0024	J		0.069			<0.03	U		<0.0056	U		<0.0056	U	
		VMP-9-11.5-101012	10/10/2012	<0.0059	U		<0.0095	U		<0.0094	U		0.0014	J		0.0031	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-9-11.5-012513	1/25/2013	<0.005	U		<0.008	U		<0.0079	J	U	0.0013	J		0.0012	J		<0.034	J	U	<0.0064	U		<0.0064	U	
		VMP-9-11.5-012513-DUP	1/25/2013	<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0037	U		0.0028	J		<0.037	J	U	<0.0069	U		<0.0069	U	
		VMP-9-11.5-050113	5/1/2013	<0.0064	U		<0.01	U		<0.01	J	U	<0.0044	U		<0.0057	J	U	<0.045	J	U	<0.0082	U		<0.0082	U	
		VMP-9-11.5-073013	7/30/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-9-11.5-102213	10/22/2013	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0014	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-9-11.5-122013-R	12/20/2013	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-9-11.5-021114	2/11/2014	<0.0048	U		<0.0078	U		<0.0077	U		<0.0034	U		0.00059	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-9-11.5-043014	4/30/2014	<0.0053	U		<0.0085	U		0.0012	J		<0.0037	U		0.0044	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-9-11.5-081114	8/11/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0016	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-9-11.5-110614	11/6/2014	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-9-11.5-021115	2/11/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0011	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-9-11.5-050415	5/4/2015	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0016	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-9-11.5-072815	7/28/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-9-11.5-102815	10/28/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-9-11.5-012816	1/28/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0014	J		<0.042	ND,UJ	UJ	<0.0078	U		<0.0078	U	
		VMP-9-11.5-042816	4/28/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U	U	0.023			<0.038	U		<0.0071	U		<0.0071	U	
		VMP-9-11.5-080116	8/1/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0016	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-9-11.5-080116-DUP	8/1/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.00097	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-9-11.5-102516	10/25/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0017	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-9-11.5-120916	12/9/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.015			<0.038	U		<0.0071	U		<0.0071	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	25.5 ft	VMP-9-25.5	11/10/2009	<1.2	U		<1.9	U		<1.9	U		<0.81	U		<1	U		<8.2	U	UJ	<1.5	U		<1.5	U	
		VMP-9-25.5-D	11/10/2009	<1	U		<1.7	U		<1.7	U		<0.73	U		<0.93	U		<7.3	U	UJ	<1.3	U		<1.3	U	
		VMP-9-25.5-082610	8/26/2010	<0.86	U		<1.4	U		<1.4	U		<0.59	U		<0.76	U		<6	U		<1.1	U		<1.1	U	
		VMP-9-25.5-082610-DUP	8/26/2010	<0.92	U		<1.5	U		<1.5	U		<0.64	U		<0.81	U		<6.4	U		<1.2	U		<1.2	U	
		VMP-9-25.5-111910	11/19/2010	<0.98	U		<1.6	U		<1.6	U		<0.68	U		<0.87	U		<6.8	U		<1.2	U		<1.2	U	
		VMP-9-25.5-020911	2/9/2011	<0.54	U		<0.86	U		<0.85	U		<0.37	U		<0.47	U		<3.7	U		<0.69	U		<0.69	U	
		VMP-9-25.5-040811	4/8/2011	0.084	J		<0.44	U		<0.43	U		<0.19	U		0.089	J		<1.9	U		<0.35	U		<0.35	U	
		VMP-9-25.5-080211	8/2/2011	<0.6	U		<0.97	U		<0.96	U		<0.42	U		0.13	J	J	<4.2	U		<0.77	U		<0.77	U	
		VMP-9-25.5-110711	11/7/2011	<0.53	U		<0.85	U		0.28	J		<0.37	U		0.55			0.24	J		<0.68	U		<0.68	U	
		VMP-9-25.5-110711-DUP	11/7/2011	<0.46	U		<0.74	U		0.19	J		<0.32	U		0.57			<3.2	U		<0.59	U		<0.59	U	
		VMP-9-25.5-012612	1/26/2012	<0.14	U		<0.22	U		<0.22	U		<0.095	U		0.048	J	J	<0.96	U		<0.18	U		<0.18	U	
		VMP-9-25.5-041112	4/11/2012	<0.0039	U		<0.0063	U		0.0014	J		<0.0027	U		0.053			<0.027	U		<0.005	U		<0.005	U	
		VMP-9-25.5-071312	7/13/2012	0.0027	J		<0.0068	U		<0.0067	J	U	0.0036			0.077			<0.029	U		<0.0054	J	U	<0.0054	U	
		VMP-9-25.5-071312-Dup	7/13/2012	0.003	J		<0.0066	U		<0.0065	J	U	0.004			0.075			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-9-25.5-101012	10/10/2012	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0012	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-9-25.5-013013	1/30/2013	<0.006	U		<0.0097	U		<0.0096	J	U	<0.0042	U		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U	
		VMP-9-25.5-050113	5/1/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.006			<0.045	J	U	<0.0082	U		<0.0082	U	
		VMP-9-25.5-050113-Dup	5/1/2013	<0.0066	U		<0.011	U		<0.01	J	U	<0.0046	U		0.0056	J		<0.046	J	U	<0.0084	U		<0.0084	U	
		VMP-9-25.5-073013	7/30/2013	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-9-25.5-102213	10/22/2013	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.00073	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-9-25.5-102213-Dup	10/22/2013	<0.0057	U		<0.0092	U		0.00061	J		<0.004	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-9-25.5-021114	2/11/2014	<0.0047	U		<0.0076	U		0.00096	J		<0.0033	U		0.00097	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-9-25.5-043014	4/30/2014	<0.0051	U		<0.0082	U		<0.0081	U		0.0015	J		0.0014	J		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-9-25.5-081114	8/11/2014	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.0014	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-9-25.5-021115	2/11/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.036			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-9-25.5-050415	5/4/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-9-25.5-052915-R	5/29/2015	<0.006	U		<0.0097	U		0.0038	J		0.001	J		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-9-25.5-072815	7/28/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-9-25.5-102815	10/28/2015	<0.0051	U		<0.0082	U		0.003	J		<0.0035	U		0.0015	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-9-25.5-012816	1/28/2016	<0.0062	U		<0.01	U		0.0033	J		<0.0043	U		<0.0055	U		<0.043	ND,UJ	UJ	<0.008	U		<0.008	U	
		VMP-9-25.5-042816	4/28/2016	<0.0054	U		<0.0088	U		0.002	J		<0.0038	U	U	<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-9-25.5-080116	8/1/2016	<0.0058	U		<0.0094	U		0.0046	J		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-9-25.5-102516	10/25/2016	<0.0053	U		<0.0086	U		0.0057	J		<0.0037	U		0.0067			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-9-25.5-120916	12/9/2016	<0.005	U		<0.0081	U		0.0073	J		<0.0035	U		0.00083	J		<0.035	U		<0.0065	U		<0.0065	U	
	38.5 ft	VMP-9-38.5	11/10/2009	<2.3	U		<3.8	U		<3.7	U		<1.6	U		<2.1	U		<16	U	UJ	<3	U		<3	U	
		VMP-9-38.5-020911	2/9/2011	<0.89	U		<1.4	U		<1.4	U		<0.62	U		<0.79	U		<6.2	U		<1.1	U		<1.1	U	
		VMP-9-38.5-040811	4/8/2011	0.24	J		<1.9	U		<1.9	U		<0.82	U		0.67	J		<8.2	U		<1.5	U		<1.5	U	
		VMP-9-38.5-012612	1/26/2012	<0.18	U		<0.29	U		<0.28	U		<0.12	U		0.051	J	J	<1.2	U		<0.23	U		<0.23	U	
		VMP-9-38.5-041112	4/11/2012	0.00065	J		<0.0055	U		<0.0055	U		<0.0024	U		0.1			<0.024	U		<0.0044	U		<0.0044	U	
		VMP-9-38.5-071312	7/13/2012	0.0037	J		<0.0073	U		<0.0072	J	U	0.0044			0.07			<0.031	U		<0.0058	U		<0.0058	U	
		VMP-9-38.5-101012	10/10/2012	<0.017	U		<0.027	U		<0.027	U		<0.012	U		0.0023	J		<0.12	U		<0.021	U		<0.021	U	
		VMP-9-38.5-013013	1/30/2013	<0.006	U		<0.0097	U		<0.0096	J	U	<0.0042	U		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U	
		VMP-9-38.5-050113	5/1/2013	<0.0066	U		<0.011	U		<0.01	J	U	<0.0046	U		<0.0058	J	U	<0.046	J	U	<0.0084	U		<0.0084	U	
		VMP-9-38.5-073113	7/31/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0007	J		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-9-38.5-102213	10/22/2013	<0.0059	U		<0.0096	U		0.002	J		0.0015	J		0.00026	J		<0.041	J	U	<0.0076	U		<0.0076	U	
		VMP-9-38.5-021114	2/11/2014	<0.0053	U		<0.0085	U		0.0022	J		<0.0037	U		0.00061	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-9-38.5-081114	8/11/2014	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-9-38.5-050415	5/4/2015	<0.032	U		<0.051	U		<0.05	U		<0.022	U		<0.028	U		<0.22	U		<0.04	U		<0.04	U	
		VMP-9-38.5-050415-DUP	5/4/2015	<0.0038	U		<0.0062	U		<0.0061	U		<0.0026	U		0.0056			<0.027	U		<0.0049	U		<0.0049	U	
		VMP-9-38.5-052915-R	5/29/2015	<0.0062	U		<0.0099	U		0.0047	J		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-9-38.5-072815	7/28/2015	0.0013	J		<0.0076	U		0.0022	J		<0.0032	U		0.014			<0.033	U		<0.006	U		<0.006	U	
		VMP-9-38.5-102815	10/28/2015	<0.0059	U		<0.0095	U		0.0083	J		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-9-38.5-012816	1/28/2016	<0.005	U		<0.008	U		0.0086			<0.0034	U		<0.0044	U		<0.035	ND,UJ	UJ	<0.0064	U		<0.0064	U	
		VMP-9-38.5-042816	4/28/2016	<0.0056	U		<0.009	U		0.016			<0.0039	U	U	<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-9-38.5-072916	7/29/2016	<0.0064	U		<0.01	U		0.025			<0.0045	U		0.0012	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-9-38.5-102516	10/25/2016	<0.0059	U		<0.0095	U		0.025			<0.0041	U		0.00066	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-9-38.5-120916	12/9/2016	<0.0048	U		<0.0077	U		0.023			<0.0033	U		0.0022	J		<0.033	U		<0.0061	U		<0.0061	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	<0.004	U		<0.007	U		<0.007	U		<0.003	U		0.0046			<0.033	U		<0.006	U		<0.006	U	
		VMP-10-5-090710	9/7/2010	0.0029	J		<0.0091	U		0.0017	J		<0.0039	U		0.014			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-10-5-111810	11/17/2010	0.0024	J		<0.0083	U		<0.0082	J	U	<0.0036	U		<0.0046	U		<0.036	U		0.00085	J		<0.0066	U	
		VMP-10-5-021011	2/10/2011	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0028	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-10-5-040511	4/5/2011	<0.0047	U		<0.0076	U		<0.0075	J	U	0.0062			0.0082			<0.033	J	U	<0.006	U		<0.006	U	
		VMP-10-5-07/2911	7/29/2011	0.00097	J		<0.0092	U		<0.0091	U		0.0014	J		0.009			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-10-5-110411	11/4/2011	<0.003	U		<0.0048	U		<0.0047	U		<0.002	U		0.011			<0.021	U		<0.0038	U		<0.0038	U	
		VMP-10-5-012512	1/26/2012	<0.0037	U		<0.006	U		0.0018	J		<0.0026	U		0.0037			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-10-5-041212	4/12/2012	<0.004	U		<0.0064	U		<0.0064	U		0.016			0.032			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-10-5-071312	7/13/2012	<0.0041	U		<0.0066	U		<0.0065	U		0.0073			<0.0036	J	U	<0.029	U		<0.0053	U		<0.0053	U	
		VMP-10-5-101612	10/16/2012	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0014	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-10-5-012913	1/29/2013	<0.006	U		<0.0097	U		<0.0096	J	U	<0.0042	U		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U	
		VMP-10-5-012913-DUP	1/29/2013	<0.0066	U		<0.011	U		<0.01	J	U	<0.0046	U		<0.0058	J	U	<0.046	J	U	<0.0085	U		<0.0085	U	
		VMP-10-5-043013	4/30/2013	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.0061	J	U	<0.048	J	U	<0.0088	U		<0.0088	U	
		VMP-10-5-073013	7/30/2013	0.0016	J		<0.0092	U		<0.0091	U		<0.004	U		0.0064			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-10-5-111313	11/13/2013	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-10-5-021214	2/12/2014	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.00053	J		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-10-5-022614-R	2/26/2014	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.00093	J		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-10-5-042914	4/29/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.011			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-10-5-073114	7/31/2014	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-10-5-103014	10/30/2014	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-10-5-020515	2/5/2015	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.00097	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-10-5-043015	4/30/2015	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		0.0021	J		<0.0074	U		<0.0074	U	
		VMP-10-5-072815	7/28/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-10-5-103015	10/30/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-10-5-012916	1/29/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-10-5-050216	5/2/2016	<0.006	U		<0.0096	U		0.0014	J		<0.0041	U		0.00072	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-10-5-082616	8/26/2016	<0.0056	U		<0.009	U		0.0034	J		<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-10-5-110216	11/2/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0083			<0.038	U		<0.0071	U		<0.0071	U	
	10 ft	VMP-10-10	11/11/2009	<0.004	U		<0.007	U		<0.007	U		<0.003	U		<0.004	U		<0.034	U		<0.006	U		<0.006	U	
		VMP-10-10-090710	9/7/2010	<0.0056	U		<0.0091	U		0.0024	J		<0.0039	U		0.0014	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-10-10-111810	11/17/2010	0.0022	J		<0.0088	U		0.0026	J		0.0023	J		0.0019	J		<0.038	U		0.0013	J		<0.007	U	
		VMP-10-10-021111	2/11/2011	<0.0043	U		<0.0069	U		0.00083	J		0.0023	J		0.0035	J		<0.03	U		<0.0055	U		<0.0055	U	
		VMP-10-10-040611	4/6/2011	<0.0056	U		<0.0091	U		<0.009	J	U	<0.0039	U		0.0018	J		<0.039	J	U	<0.0072	U		<0.0072	U	
		VMP-10-10-072911	7/29/2011	0.0015	J		<0.0095	U		<0.0094	U		0.002	J		0.024			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-10-10-110411	11/4/2011	<0.0038	U		<0.0061	U		<0.0061	J	U	<0.0026	U		0.01			<0.026	U		<0.0049	U		<0.0049	U	
		VMP-10-10-110411-DUP	11/4/2011	<0.0038	U		<0.0061	U		<0.0061	J	U	<0.0026	U		0.01			<0.026	U		<0.0049	U		<0.0049	U	
		VMP-10-10-012512	1/26/2012	<0.0037	U		<0.006	U		<0.0059	U		0.011			0.0034			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-10-10-012512-DUP	1/26/2012	<0.0039	U		<0.0063	U		<0.0062	U		0.012			0.0032	J		<0.027	U		<0.005	U		<0.005	U	
		VMP-10-10-041112	4/11/2012	<0.0041	U		<0.0066	U		<0.0065	J	U	0.055			0.07			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-10-10-071312	7/13/2012	<0.004	U		<0.0064	U		<0.0064	U		0.006			<0.0035	J	U	<0.028	U		<0.0051	U		<0.0051	U	
		VMP-10-10-101612	10/16/2012	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		<0.006	J	U	<0.047	U		<0.0086	U		<0.0086	U	
		VMP-10-10-012913	1/29/2013	<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0037	U		<0.0047	J	U	<0.037	J	U	<0.0069	U		<0.0069	U	
		VMP-10-10-043013	4/30/2013	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	J	U	<0.043	J	U	<0.0079	U		<0.0079	U	
		VMP-10-10-073013	7/30/2013	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0027	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-10-10-111313	11/13/2013	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-10-10-021214	2/12/2014	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.00072	J		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-10-10-042914	4/29/2014	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-10-10-073114	7/31/2014	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-10-10-103014	10/30/2014	<0.011	U		<0.018	U		<0.017	U		<0.0076	U		<0.0097	U		<0.076	U		<0.014	U		<0.014	U	
		VMP-10-10-020515	2/5/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.00092	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-10-10-043015	4/30/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-10-10-072815	7/28/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-10-10-103015	10/30/2015	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-10-10-021616	2/16/2016	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-10-10-050216	5/2/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.00093	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-10-10-072816	7/28/2016	<0.0059	U		<0.0095	U		0.0042	J		0.0062			0.003	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-10-10-110216	11/2/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	J	U	<0.041	U		<0.0076	U		<0.0076	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	20 ft	VMP-10-20	11/11/2009	<0.004	U		<0.007	U		<0.007	U		<0.003	U		0.0052			<0.033	U		<0.006	U		<0.006	U	
		VMP-10-20-D	11/11/2009	<0.005	U		<0.008	U		<0.008	U		<0.003	U		0.0058			<0.037	U		<0.006	U		<0.006	U	
		VMP-10-20-090710	9/7/2010	<0.0059	U		<0.0095	U		<0.0094	U		0.0036	J		0.005	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-10-20-090710-DUP	9/7/2010	<0.0055	U		<0.0088	U		0.0007	J		0.0042			0.0098			<0.038	U		<0.007	U		<0.007	U	
		VMP-10-20-111810	11/17/2010	<0.01	U		<0.017	U		<0.016	J	U	<0.0072	U		<0.0092	U		<0.072	U		0.0024	J		<0.013	U	
		VMP-10-20-111810-Dup	11/17/2010	0.0025	J		<0.0085	U		<0.0084	J	U	<0.0036	U		0.0012	J		<0.037	U		0.0011	J		<0.0067	U	
		VMP-10-20-021111	2/11/2011	<0.0052	U		<0.0084	U		0.002	J		<0.0036	U		0.0064			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-10-20-040611	4/6/2011	<0.0063	U		<0.01	U		<0.01	J	U	<0.0043	U		0.026			<0.044	J	U	<0.008	U		<0.008	U	
		VMP-10-20-072911	7/29/2011	0.0016	J		<0.0094	U		<0.0092	U		0.0014	J		0.014			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-10-20-110411	11/4/2011	0.0005	J		<0.0061	U		<0.0061	J	U	0.0023	J		0.015			<0.026	U		<0.0049	U		<0.0049	U	
		VMP-10-20-012612	1/26/2012	<0.0036	U		<0.0058	U		<0.0057	U		0.02			0.0056			<0.025	U		<0.0046	U		<0.0046	U	
		VMP-10-20-041212	4/12/2012	<0.004	U		<0.0064	U		<0.0064	U		0.0077			0.01			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-10-20-071612	7/16/2012	<0.0038	U		<0.0061	U		<0.0061	U		0.0041			<0.0034	J	U	<0.026	U		<0.0049	U		<0.0049	U	
		VMP-10-20-101612	10/16/2012	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.006	J	U	<0.047	U		<0.0087	U		<0.0087	U	
		VMP-10-20-012913	1/29/2013	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0041	U		<0.0052	J	U	<0.041	J	U	<0.0075	U		<0.0075	U	
		VMP-10-20-043013	4/30/2013	<0.0066	U		<0.011	U		<0.01	J	U	<0.0046	U		<0.0058	J	U	<0.046	U		<0.0084	U		<0.0084	U	
		VMP-10-20-073013	7/30/2013	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0046	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-10-20-102313	10/23/2013	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0097			<0.039	U	UJ	<0.0071	U		<0.0071	U	
		VMP-10-20-021214	2/12/2014	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		0.0013	J		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-10-20-042914	4/29/2014	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-10-20-073114	7/31/2014	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-10-20-103014	10/30/2014	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-10-20-020515	2/5/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-10-20-043015	4/30/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-10-20-072815	7/28/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0015	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-10-20-072815-DUP	7/28/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0034	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-10-20-103015	10/30/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-10-20-012916	1/29/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-10-20-050216	5/2/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-10-20-072816	7/28/2016	<0.012	U		<0.019	U		<0.019	U		<0.0082	U		<0.01	U		<0.083	U		<0.015	U		<0.015	U	
		VMP-10-20-110216	11/2/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.17			<0.04	U		<0.0074	U		<0.0074	U	
	30 ft	VMP-10-30	11/13/2009	<0.005	U		<0.008	U		<0.008	U		<0.003	U		<0.004	U		<0.037	U		<0.006	U		<0.006	U	
		VMP-10-30-041212	4/12/2012	<0.0042	U		<0.0067	U		<0.0066	U		0.047			0.09			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-10-30-071612	7/16/2012	<0.0037	U		<0.0059	U		<0.0059	U		0.0046			0.0049			<0.026	U		<0.0047	U		<0.0047	U	
		VMP-10-30-101612	10/16/2012	<0.0064	U		<0.01	U		<0.01	U		0.0014	J		0.0077			<0.044	U		<0.0082	U		<0.0082	U	
		VMP-10-30-012913	1/29/2013	<0.0064	U		<0.01	U		0.0022	J		<0.0045	U		<0.0057	J	U	<0.045	J	U	<0.0083	U		<0.0083	U	
		VMP-10-30-043013	4/30/2013	<0.0061	U		<0.0099	U		<0.0098	J	U	<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-10-30-073013	7/30/2013	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	J	U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-10-30-102813	10/28/2013	<0.0061	U		<0.0098	U		<0.0097	U		0.00069	J		0.0052	J		<0.042	U	UJ	<0.0078	U		<0.0078	U	
		VMP-10-30-021214	2/12/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-10-30-042914	4/29/2014	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-10-30-073114	7/31/2014	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0016	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-10-30-073114-Dup	7/31/2014	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0018	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-10-30-103014	10/30/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-10-30-103014-DUP	10/30/2014	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-10-30-020515	2/5/2015	<0.0057	U		<0.0091	U		<0.009	U		0.0067			0.0072			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-10-30-020515-DUP	2/5/2015	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0036	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-10-30-043015	4/30/2015	<0.0057	U		0.0056	J		0.0055	J		<0.0039	U		0.0068			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-10-30-072815	7/28/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-10-30-103015	10/30/2015	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-10-30-012916-DUP	1/29/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-10-30-050216	5/2/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0025	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-10-30-050216-DUP	5/2/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0023	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-10-30-072816	7/28/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-10-30-110216	11/2/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.0041	J		<0.046	U		<0.0085	U		<0.0085	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.038	U		<0.061	U		<0.061	U		<0.026	U		<0.034	U		<0.26	U		<0.049	U		<0.049	U	
		VMP-11-5-090710	9/7/2010	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.003	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-11-5-112210	11/22/2010	0.006			<0.0088	U		<0.0088	U		<0.0038	U		0.0024	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-11-5-021511	2/15/2011	<0.0048	U		<0.0078	U		<0.0077	U		<0.0034	U		0.0069			<0.034	U		<0.0062	U		<0.0062	U	
		VMP-11-5-040611	4/6/2011	<0.046	U		<0.074	U		<0.073	U		<0.032	U		0.0087	J		<0.32	U		<0.059	U		<0.059	U	
		VMP-11-5-080711	8/7/2011	<0.063	U		<0.1	U		<0.1	U		<0.044	U		0.021	J		<0.44	U		<0.081	U		<0.081	U	
		VMP-11-5-111111	11/11/2011	<0.012	U		<0.02	U		<0.02	U		<0.0086	U		0.01	J		<0.087	U		<0.016	U		<0.016	U	
		VMP-11-5-012612	1/26/2012	<0.0037	U		<0.006	U		<0.0059	U		<0.0026	U		0.0054			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-11-5-041912	4/19/2012	0.0016	J		<0.0067	U		0.0047	J		0.0088			0.036			<0.029	U		<0.0053	J	U	<0.0053	U	
		VMP-11-5-071912	7/16/2012	<0.0054	U		<0.0087	J	U	<0.0086	U		0.0038			0.0037	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-11-5-101612	10/16/2012	<0.006	U		<0.0097	U		<0.0096	U		0.0033	J		0.0036	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-11-5-012913	1/29/2013	0.058	J		<0.49	U		1			<0.21	U		0.1	J		<2.1	U		<0.39	U		<0.39	U	
		VMP-11-5-043013	4/30/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-11-5-073113	7/31/2013	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0058	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-11-5-102813	10/28/2013	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0048	J		<0.041	ND,UJ	UJ	<0.0076	U		<0.0076	U	
		VMP-11-5-022114	2/21/2014	<0.0052	U		<0.0084	U		<0.0083	U		0.0024	J		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-11-5-043014	4/30/2014	<0.0048	U		<0.0078	U		<0.0077	U		0.0029	J		<0.0042	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-11-5-073114	7/31/2014	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-11-5-103014	10/30/2014	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-11-5-020515	2/5/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.001	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-11-5-043015	4/30/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-11-5-072815	7/28/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-11-5-103015	10/30/2015	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-11-5-012916	1/29/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-11-5-050216	5/2/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0011	J		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-11-5-080116	8/1/2016	0.0027	J		<0.0097	U		<0.0096	U		0.0052			0.24			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-11-5-110116	11/1/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0072			<0.039	U		<0.0072	U		<0.0072	U	
	8 ft	VMP-11-8	11/17/2009	<0.005	U		<0.008	U		<0.008	U		<0.003	U		<0.004	U		<0.037	U		<0.006	U		<0.006	U	
		VMP-11-8-090810	9/8/2010	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0025	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-11-8-112210	11/22/2010	0.0035	J		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	J	U	<0.038	U		<0.007	U		<0.007	U	
		VMP-11-8-021111	2/11/2011	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-11-8-021111-DUP	2/11/2011	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-11-8-040611	4/6/2011	<0.024	U		<0.038	U		<0.038	U		<0.016	U		<0.021	U		<0.16	U		<0.03	U		<0.03	U	
		VMP-11-8-040611-DUP	4/6/2011	<0.02	U		<0.033	U		<0.033	U		<0.014	U		0.0034	J		<0.14	U		<0.026	U		<0.026	U	
		VMP-11-8-080711	8/7/2011	<0.063	U		<0.1	U		<0.1	U		<0.044	U		0.019	J		<0.44	U		<0.081	U		<0.081	U	
		VMP-11-8-111411	11/14/2011	<0.0037	U		<0.006	U		0.0038	J		0.0011	J		0.013			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-11-8-012612	1/26/2012	<0.0036	U		<0.0059	U		<0.0058	U		<0.0025	U		0.0045			<0.025	U		<0.0047	U		<0.0047	U	
		VMP-11-8-041912	4/19/2012	0.0014	J		<0.0067	U		0.006	J		0.0086			0.034			<0.029	U		<0.0053	J	U	<0.0053	U	
		VMP-11-8-072012	7/20/2012	<0.0042	U		<0.0067	U		<0.0066	U		0.0022	J		<0.0037	U		<0.029	U		<0.0053	U		<0.0053	U	
		VMP-11-8-101612	10/16/2012	<0.0061	U		<0.0098	U		<0.0097	U		0.055			0.018			<0.042	U		<0.0078	U		<0.0078	U	
		VMP-11-8-101612-Dup	10/16/2012	<0.0062	U		<0.0099	U		<0.0098	U		0.06			0.016			<0.043	U		<0.0079	U		<0.0079	U	
		VMP-11-8-012913	1/29/2013	<0.042	U		<0.068	U		<0.067	U		<0.029	U		0.0062	J		<0.29	U		<0.054	U		<0.054	U	
		VMP-11-8-050113	5/1/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-11-8-080113	8/1/2013	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	J	U	<0.041	U		<0.0076	U		<0.0076	U	
		VMP-11-8-102813	10/28/2013	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0011	J		<0.043	J	U	<0.0079	U		<0.0079	U	
		VMP-11-8-022114	2/21/2014	<0.005	J	U	<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-11-8-043014	4/30/2014	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-11-8-073114	7/31/2014	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-11-8-111014-R	11/10/2014	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-11-8-020515	2/5/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0014	J		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-11-8-043015	4/30/2015	<0.0059	U		<0.0095	U		0.0037	J		<0.0041	U		0.0074			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-11-8-072815	7/28/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0023	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-11-8-103015	10/30/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.002	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-11-8-012916	1/29/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-11-8-050616	5/6/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.00063	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-11-8-080116	8/1/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0021	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-11-8-110116	11/1/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.013			<0.038	U		<0.0071	U		<0.0071	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	29 ft	VMP-11-29	11/18/2009	<36	U		<58	U		<58	U		<25	U		<32	U		<250	U		<46	U		<46	U	
		VMP-11-29-090810	9/8/2010	<0.14	U		<0.22	U		<0.22	U		<0.095	U		<0.12	U		<0.96	U		<0.18	U		<0.18	U	
		VMP-11-29-112210	11/22/2010	<2	U		<3.2	U		<3.1	U		<1.4	U		<1.7	U		<14	U		<2.5	U		<2.5	U	
		VMP-11-29-112210-Dup	11/22/2010	<1.4	U		<2.2	U		0.69	J		<0.94	U		<1.2	U		<9.5	U		<1.7	U		<1.7	U	
		VMP-11-29-021411	2/14/2011	<0.0053	U		<0.0086	U		0.0014	J		<0.0037	U		0.0027	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-11-29-040611	4/6/2011	<0.04	U		<0.065	U		<0.064	U		<0.028	U		<0.036	U		<0.28	U		<0.052	U		<0.052	U	
		VMP-11-29-082511	8/25/2011	0.00098	J		<0.0095	U		<0.0094	U		<0.0041	U		0.0079			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-11-29-082511-Dup	8/25/2011	0.00091	J		<0.0095	U		<0.0094	U		0.001	J		0.0071			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-11-29-111411	11/14/2011	<0.0037	U		<0.006	U		<0.0059	U		<0.0026	U		0.014			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-11-29-012612	1/26/2012	<0.0036	U		<0.0058	U		<0.0057	U		<0.0025	U		0.0028	J		<0.025	U		<0.0046	U		<0.0046	U	
		VMP-11-29-042712	4/27/2012	<0.0037	U		<0.006	U		0.0018	J		0.0031			0.012			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-11-29-072012	7/23/2012	0.0033	J		<0.006	U		<0.0059	U		0.0056			0.1			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-11-29-101612	10/16/2012	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.002	J		<0.11	U	UJ	<0.0081	U		<0.0081	U	
		VMP-11-29-012913	1/29/2013	<0.0062	U		<0.0099	U		0.0021	J		0.00073	J		0.0042	J		<0.043	J	U	<0.0079	U		<0.0079	U	
		VMP-11-29-043013	4/30/2013	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	J	U	<0.042	U		<0.0078	U		<0.0078	U	
		VMP-11-29-073113	7/31/2013	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-11-29-102813	10/28/2013	<0.0099	U		<0.016	U		0.0012	J		<0.0069	U		0.0012	J		<0.069	J	U	<0.013	U		<0.013	U	
		VMP-11-29-022114	2/21/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-11-29-043014	4/30/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-11-29-073114	7/31/2014	<0.0062	U		<0.0099	U		<0.0098	J	U	<0.0043	U		0.00098	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-11-29-103014	10/30/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-11-29-103014-DUP	10/30/2014	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0011	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-11-29-020515	2/5/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0013	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-11-29-020515-DUP	2/5/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0012	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-11-29-043015	4/30/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-11-29-072815	7/28/2015	0.00074	J		<0.0093	U		<0.0092	U		<0.004	U		0.0029	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-11-29-110515	11/5/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-11-29-012916	1/29/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-11-29-050216	5/2/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.021			<0.041	U		<0.0076	U		<0.0076	U	
		VMP-11-29-080216	8/2/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-11-29-110116	11/1/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.0025	J		<0.044	U		<0.008	U		<0.008	U	
	38 ft	VMP-11-38	11/18/2009	<100	U		<170	U		<170	U		<73	U		<93	U		<730	U		<130	U		<130	U	
		VMP-11-38-042312	4/23/2012	<0.28	U		<0.45	U		0.3	J		<0.19	U		<0.25	U		<1.9	U		<0.36	U		<0.36	U	
		VMP-11-38-042312-Dup	4/23/2012	<0.98	U		<1.6	U		0.42	J		<0.68	U		<0.86	U		<6.8	U		<1.2	U		<1.2	U	
		VMP-11-38-072312	7/23/2012	<0.46	U		<0.74	U		<0.74	U		<0.32	U		<0.41	U		<3.2	U		<0.59	U		<0.59	U	
		VMP-11-38-101612	10/16/2012	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	J	U	<0.044	U		<0.0082	U		<0.0082	U	
		VMP-11-38-013013	1/30/2013	<0.0059	U		<0.0095	U		0.0013	J		<0.0041	U		0.00086	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-11-38-043013	4/30/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-11-38-073113	7/31/2013	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-11-38-073113-Dup	7/31/2013	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-11-38-102813	10/28/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.00094	J		<0.042	J	U	<0.0077	U		<0.0077	U	
		VMP-11-38-022114	2/21/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-11-38-043014	4/30/2014	<0.0053	U		<0.0086	U		<0.0085	U		0.0017	J		0.0014	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-11-38-073114	7/31/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.00094	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-11-38-103014	10/30/2014	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0012	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-11-38-020515	2/5/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0035	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-11-38-043015	4/30/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-11-38-072815	7/28/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-11-38-103015	10/30/2015	<0.0053	U		<0.0086	U		0.0034	J		<0.0037	U		0.0021	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-11-38-103015-DUP	10/30/2015	<0.0048	U		<0.0078	U		<0.0077	U		<0.0033	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-11-38-012916	1/29/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-11-38-050216	5/2/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-11-38-050216-DUP	5/2/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0068	U		<0.0068	U	
		VMP-11-38-080216	8/2/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-11-38-110216	11/2/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.0036	J		<0.044	U		<0.008	U		<0.008	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<13	U		<22	U		<21	U		<9.3	U		<12	U		<94	U	UJ	<17	U		<17	U	
		VMP-12-5-090310	9/3/2010	<5.7	U		<9.2	U		<9.1	U		<4	U		1	J		<40	U		<7.3	U		<7.3	U	
		VMP-12-5-120310	12/3/2010	<57	U		<91	U		<90	U		<39	U		<50	U		<390	U		<72	U		<72	U	
		VMP-12-5-021511	2/15/2011	<2.6	U		<4.2	U		<4.1	U		<1.8	U		0.74	J		<18	U		<3.3	U		<3.3	U	
		VMP-12-5-041911	4/19/2011	<19	U		<31	U		<30	U		<13	U	UJ	11	J		<130	U		<24	U		<24	U	
		VMP-12-5-080411	8/4/2011	<4.9	U		<7.9	U		<7.8	U		<3.4	U		<4.4	U		<34	U		<6.3	U		<6.3	U	
		VMP-12-5-111611	11/16/2011	<0.0035	U		<0.0056	U		<0.0055	U		<0.0024	U		0.0083			<0.024	U		<0.0044	U		<0.0044	U	
		VMP-12-5-012412	1/24/2012	<0.039	U		<0.063	U		<0.062	U		<0.027	U		0.016	J		<0.27	U		<0.05	U		<0.05	U	
		VMP-12-5-041912	4/19/2012	<0.0039	U		<0.0063	U		<0.0062	U		<0.0027	U		0.006			<0.027	U		<0.005	U		<0.005	U	
		VMP-12-5-072612	7/26/2012	0.00093	J		<0.0067	U		<0.0066	U		<0.0029	U		0.011		J	<0.029	U		<0.0053	U		<0.0053	U	
		VMP-12-5-072612-Dup	7/26/2012	<0.0038	U		<0.0061	U		<0.006	U		<0.0026	U		0.0016	J	J	<0.026	U		<0.0048	U		<0.0048	U	
		VMP-12-5-102412	10/24/2012	<0.0064	U		<0.01	U		0.0036	J		<0.0044	U		0.016			<0.044	U		<0.0082	U		<0.0082	U	
		VMP-12-5-021813	2/18/2013	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0021	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-12-5-051013	5/10/2013	<0.006	U		<0.0097	U		<0.0096	U		0.0017	J		0.0054			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-12-5-081213	8/12/2013	<0.0058	U		<0.0094	U		0.0022	J		0.0015	J		0.0059			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-12-5-111413	11/14/2013	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-12-5-031914-R	3/19/2014	<0.0054	U		<0.0086	U		<0.0085	U		0.0022	J		0.0026	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-12-5-050214	5/2/2014	<0.0044	U		<0.0072	U		<0.0071	U		<0.0031	U		0.0087			<0.031	U		<0.0057	U		<0.0057	U	
		VMP-12-5-081514	8/15/2014	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.022			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-12-5-110714	11/10/2014	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0016	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-12-5-021115	2/11/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0042	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-12-5-050715	5/7/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0031	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-12-5-073115	7/31/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0037	J		<0.04	U	UJ	<0.0074	U		<0.0074	U	
		VMP-12-5-110415	11/4/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0093			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-12-5-020316	2/3/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0011	J		<0.042	U	UJ	<0.0077	U		<0.0077	U	
		VMP-12-5-050416	5/4/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		0.0015	J		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-12-5-080316	8/3/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0033	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-12-5-103116	10/31/2016	<0.0056	U		<0.0091	U		0.003	J		<0.0039	U		0.035			<0.039	U	U	<0.0072	U		<0.0072	U	
	11.5 ft	VMP-12-11.5	11/13/2009	<23	U		<38	U		<37	U		<16	U		<21	U		<160	U	UJ	<30	U		<30	U	
		VMP-12-11.5-090310	9/3/2010	<7.3	U		<12	U		<12	U		<5.1	U		1.1	J		<51	U		<9.4	U		<9.4	U	
		VMP-12-11.5-120310	12/3/2010	<6.4	U		<10	U		<10	U		<4.4	U		<5.6	U		<44	U		<8.2	U		<8.2	U	
		VMP-12-11.5-021511	2/15/2011	<5.7	U		<9.2	U		<9.1	U		<4	U		1.5	J		<40	U		<7.3	U		<7.3	U	
		VMP-12-11.5-021511-DUP	2/15/2011	<4.9	U		<7.9	U		<7.8	U		<3.4	U		1.7	J		<34	U		<6.3	U		<6.3	U	
		VMP-12-11.5-041911	4/19/2011	<17	U		<28	U		<27	U		<12	U	UJ	<15	U		<120	U		<22	U		<22	U	
		VMP-12-11.5-080411	8/4/2011	<6	U		<9.7	U		<9.6	U		<4.2	U		<5.3	U		<42	U		<7.7	U		<7.7	U	
		VMP-12-11.5-111611	11/16/2011	<0.048	U		<0.077	U		<0.076	U		<0.033	U		0.014	J		<0.33	U		<0.061	U		<0.061	U	
		VMP-12-11.5-012412	1/24/2012	<0.45	U		<0.72	U		<0.71	U		<0.31	U		0.21	J		<3.1	U		<0.57	U		<0.57	U	
		VMP-12-11.5-041912	4/19/2012	<0.041	U		<0.066	U		<0.065	U		<0.028	U		0.014	J		<0.28	U		<0.052	U		<0.052	U	
		VMP-12-11.5-082012	8/20/2012	0.0029	J		<0.01	U		<0.01	U		<0.0045	U		0.015			<0.045	U		<0.0083	U		<0.0083	U	
		VMP-12-11.5-102612	10/26/2012	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0048	J		<0.11	U	UJ	<0.0079	U		<0.0079	U	
		VMP-12-11.5-021813	2/18/2013	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.00094	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-12-11.5-051013	5/10/2013	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-12-11.5-081213	8/12/2013	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		0.0014	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-12-11.5-111413	11/14/2013	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0039	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-12-11.5-022814	2/28/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0014	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-12-11.5-050214	5/2/2014	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-12-11.5-081514	8/15/2014	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0015	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-12-11.5-110714	11/7/2014	<0.012	U		<0.019	U		<0.019	U		<0.0083	U		<0.011	U		<0.084	U		<0.015	U		<0.015	U	
		VMP-12-11.5-021115	2/11/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.001	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-12-11.5-050715	5/7/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-12-11.5-073115	7/31/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0025	J		<0.044	U	UJ	<0.0082	U		<0.0082	U	
		VMP-12-11.5-110415	11/4/2015	<0.0049	U		<0.0079	U		<0.0078	J	U	<0.0034	U		0.0047			<0.034	U		<0.0062	U		<0.0062	U	
		VMP-12-11.5-020316	2/3/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0016	J		<0.039	U	UJ	<0.0072	U		<0.0072	U	
		VMP-12-11.5-050416	5/4/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-12-11.5-080316	8/3/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-12-11.5-110316	11/3/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	25 ft	VMP-12-25	11/13/2009	<48	U		<78	U		<77	U		<33	U		<42	U		<340	UJ	UJ	<62	U		<62	U	
		VMP-12-25-090310	9/3/2010	<9.4	U		<15	U		<15	U		<6.5	U		2.9	J		<65	U		<12	U		<12	U	
		VMP-12-25-120310	12/3/2010	<0.46	U		<0.75	U		<0.74	U		<0.32	U		<0.41	U		<3.2	U		<0.59	U		<0.59	U	
		VMP-12-25-021511	2/15/2011	<11	U		<18	U		<18	U		<7.8	U		12			<79	U		<14	U		<14	U	
		VMP-12-25-041911	4/19/2011	<18	U		<30	U		<29	U		<13	U	UJ	<16	U		<130	U		<24	U		<24	U	
		VMP-12-25-080411	8/4/2011	<12	U		<19	U		<19	U		<8.1	U		<10	U		<82	U		<15	U		<15	U	
		VMP-12-25-111611	11/16/2011	<13	U		<22	U		<21	U		<9.2	U		23			<93	U		<17	U		<17	U	
		VMP-12-25-012412	1/24/2012	<5.1	U		<8.2	U		<8.1	U		<3.5	U		0.96	J	J	<36	U		<6.5	U		<6.5	U	
		VMP-12-25-012412-DUP	1/24/2012	<37	U		<60	U		<59	U		<26	U		<33	U		<260	U		<48	U		<48	U	
		VMP-12-25-041912	4/19/2012	<3.9	U		<6.3	U		<6.2	U		<2.7	U		<3.4	U		<27	U		<5	U		<5	U	
		VMP-12-25-072712	7/27/2012	<4.3	U		<6.9	U		<6.8	U		<3	U		<3.8	U		<30	U		<5.5	U		<5.5	U	
		VMP-12-25-072712-Dup	7/27/2012	<4.3	U		<6.9	U		<6.8	U		<3	U		<3.8	U		<30	U		<5.5	U		<5.5	U	
		VMP-12-25-102512	10/25/2012	<1.8	U		<3	U		<2.9	U		<1.3	U		<1.6	U		<13	U	UJ	<2.4	U		<2.4	U	
		VMP-12-25-021513	2/15/2013	<3.4	U		<5.5	U		<5.5	U		<2.4	U		<3	U		<24	U		<4.4	U		<4.4	U	
		VMP-12-25-051013	5/10/2013	4.7	J		<18	U		<18	U		<7.8	U		<10	U		<79	U		<14	U		<14	U	
		VMP-12-25-081213	8/12/2013	<5.9	U		<9.5	U		<9.4	U		<4.1	U		<5.2	U		<41	U		<7.6	U		<7.6	U	
		VMP-12-25-111413	11/14/2013	<0.11	U		<0.18	U		<0.18	U		<0.079	U		<0.1	U		<0.79	U		<0.14	U		<0.14	U	
		VMP-12-25-022814	2/28/2014	<0.11	U		<0.18	U		<0.18	U		<0.078	U		<0.1	U		<0.79	U		<0.14	U		<0.14	U	
		VMP-12-25-050214	5/2/2014	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-12-25-081514	8/15/2014	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0012	J		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-12-25-110714	11/7/2014	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-12-25-021115	2/11/2015	<0.0047	U		<0.0076	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-12-25-050715	5/7/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-12-25-073115	7/31/2015	<0.0069	U		<0.011	U		<0.011	U		<0.0048	U		<0.0061	U		<0.048	U	UJ	<0.0088	U		<0.0088	U	
		VMP-12-25-110415	11/4/2015	<0.0057	U		<0.0092	U		<0.009	J	U	<0.0039	U		0.0019	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-12-25-021616	2/16/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-12-25-021616-DUP	2/16/2016	<0.0058	U		<0.0094	U		0.0081	J		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-12-25-050416	5/4/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0056			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-12-25-080316	8/3/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-12-25-103116	10/31/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0048	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-12-25-103116-Dup	10/31/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0091			<0.037	U		<0.0069	U		<0.0069	U	
	39 ft	VMP-12-39	11/13/2009	<50	U		<81	U		<80	U		<35	U		<45	U		<350	UJ	UJ	<65	U		<65	U	
		VMP-12-39-041911	4/19/2011	<18	U		<29	U		<28	U		<12	U	UJ	<16	U		<120	U		<23	U		<23	U	
		VMP-12-39-012412	1/24/2012	<37	U		<60	U		<59	U		<26	U		5.7	J		<260	U		<48	U		<48	U	
		VMP-12-39-041912	4/19/2012	<19	U		<30	U		<30	U		<13	U		8.4	J		<130	U		<24	U		<24	U	
		VMP-12-39-072612	7/26/2012	<8.6	U		<14	U		<14	U		<5.9	U		1.1	J		<60	U		<11	U		<11	U	
		VMP-12-39-102412	10/24/2012	<22	U		<36	U		<36	U		<16	U		14	J		<160	U		<29	U		<29	U	
		VMP-12-39-021513	2/15/2013	<10	U		<17	U		<16	U		<7.1	U		3.1	J		<72	U		<13	U		<13	U	
		VMP-12-39-051013	5/10/2013	<18	U		<29	U		<28	U		<12	U		<16	U		<120	U		<23	U		<23	U	
		VMP-12-39-081213	8/12/2013	<7.8	U		<12	U		<12	U		<5.4	U		<6.9	U		<54	U		<10	U		<10	U	
		VMP-12-39-111413	11/14/2013	<19	U		<30	U		<30	U		<13	U		3.7	J		<130	U		<24	U		<24	U	
		VMP-12-39-022814	2/28/2014	<2.6	U		<4.1	U		<4.1	U		<1.8	U		1	J		<18	U		<3.3	U		<3.3	U	
		VMP-12-39-050214	5/2/2014	<2.8	U		<4.5	U		<4.4	U		<1.9	U		1.5	J		<19	U		<3.5	U		<3.5	U	
		VMP-12-39-081514	8/15/2014	<6.6	U		<11	U		<10	U		<4.6	U		5.8	J		<46	U		<8.5	U		<8.5	U	
		VMP-12-39-081514-Dup	8/15/2014	<5.8	U		<9.3	U		<9.2	U		<4	U		2.2	J		<40	U		<7.4	U		<7.4	U	
		VMP-12-39-110714	11/7/2014	<2.9	U		<4.6	U		<4.6	U		<2	U		<2.5	U		<20	U		<3.7	U		<3.7	U	
		VMP-12-39-021115	2/11/2015	<1.4	U		<2.3	U		<2.2	U		<0.98	U		<1.2	U		<9.9	U		<1.8	U		<1.8	U	
		VMP-12-39-050715	5/7/2015	1.3	J		<5	U					<2.2	U		12			<22	U		<4	U		<4	U	
		VMP-12-39-050715-DUP	5/7/2015	0.99	J		<4.7	U					<2	U		11			<20	U		<3.7	U		<3.7	U	
		VMP-12-39-061515-Dup-R	6/15/2015	<0.053	U		<0.085	U		<0.084	U	UJ	<0.037	U		<0.047	U		<0.37	U		<0.068	U		<0.068	U	
		VMP-12-39-061515-R	6/15/2015	<0.061	U		<0.098	U		0.25		J	<0.042	U		<0.054	U		<0.43	U		<0.078	U		<0.078	U	
		VMP-12-39-073115	7/31/2015	<1.3	U		<2.1	U		<2	U		<0.89	U		<1.1	U		<9	U		<1.6	U		<1.6	U	
		VMP-12-39-073115-DUP	7/31/2015	<3.5	U		<5.6	U		<5.6	U		<2.4	U		<3.1	U		<24	U		<4.5	U		<4.5	U	
		VMP-12-39-110415	11/4/2015	<2.2	U		<3.5	U		<3.4	U		<1.5	U		1.5	J		<15	U	UJ	<2.8	U		<2.8	U	
		VMP-12-39-020316	2/3/2016	<16	U		<26	U		<25	U		<11	U		3.7	J		<110	U		<20	U		<20	U	
		VMP-12-39-050416	5/4/2016	<5.5	U		<8.8	U		1.2	J		<3.8	U		1.4	J		<38	U		<7	U		<7	U	
		VMP-12-39-080316	8/3/2016	<4.8	U		<7.7	U		2.7	J		<3.3	U		3.8	J		<33	U		<6.1	U		<6.1	U	
		VMP-12-39-110316	11/3/2016	<12	U		<20	U		5.7	J		<8.6	U		6.7	J		<86	U		<16	U		<16	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<10	U		<17	U		<16	U		<7.1	U		<9.1	U		<72	UJ	UJ	<13	U		<13	U	
		VMP 13-5-091310	9/13/2010	<0.037	U		<0.06	U		<0.06	U		<0.026	U		0.025	J		<0.26	U		<0.048	U		<0.048	U	
		VMP-13-5-120110	12/1/2010	<0.005	U		<0.008	U		<0.0079	J	U	<0.0034	U		0.036			<0.034	U		<0.0064	U		<0.0064	U	
		VMP-13-5-021811	2/18/2011	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.011			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-13-5-040511	4/5/2011	<0.012	U		<0.019	U		<0.019	J	U	<0.0081	U		0.0026	J		<0.082	J	U	<0.015	U		<0.015	U	
		VMP-13-5-080911	8/9/2011	0.0025	J		<0.02	U		<0.02	U		<0.0087	U		0.023			<0.088	J	U	<0.016	U		<0.016	U	
		VMP-13-5-080911-DUP	8/9/2011	0.0013	J		<0.018	U		<0.018	U		<0.0078	U		0.022			<0.078	U		<0.014	U		<0.014	U	
		VMP-13-5-111411	11/14/2011	<0.0039	U		<0.0063	U		<0.0062	U		<0.0027	U		0.011			<0.027	U		<0.005	U		<0.005	U	
		VMP-13-5-012712	1/27/2012	<0.033	U		<0.053	U		<0.052	U		<0.023	U		0.0098	J	J	<0.23	U		<0.042	U		<0.042	U	
		VMP-13-5-042012	4/20/2012	<0.0038	U		<0.0061	U		<0.0061	U		0.004			0.012			<0.026	U		0.00044	J		<0.0049	U	
		VMP-13-5-071912	7/19/2012	0.0012	J		<0.0064	U		0.0024	J		0.026			0.023			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-13-5-071912-Dup	7/19/2012	0.0014	J		<0.0064	U		0.0016	J		0.028			0.023			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-13-5-100912	10/9/2012	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-13-5-012913	1/29/2013	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		<0.0058	J	U	<0.046	U		<0.0085	U		<0.0085	U	
		VMP-13-5-050113	5/1/2013	<0.0058	U		<0.0093	U		<0.0092	J	U	<0.004	U		<0.0051	J	U	<0.04	U		<0.0074	U		<0.0074	U	
		VMP-13-5-073113	7/31/2013	<0.0062	U		<0.01	U		0.0039	J		<0.0043	U		0.003	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-13-5-111513	11/15/2013	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-13-5-022114	2/21/2014	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		<0.0041	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-13-5-050114	5/1/2014	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.03			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-13-5-080814	8/8/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0011	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-13-5-103014	10/30/2014	<0.0056	U		<0.009	U		0.0021	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-13-5-020515	2/5/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-13-5-043015	4/30/2015	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-13-5-072715	7/27/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0022	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-13-5-110215	11/2/2015	<0.0048	U		<0.0078	U		<0.0077	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-13-5-012616	1/26/2016	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-13-5-050316	5/3/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.001	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-13-5-072916	7/29/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.001	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-13-5-110216	11/2/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0093			<0.037	U		<0.0068	U		<0.0068	U	
	10.5 ft	VMP-13-10.5	11/17/2009	<1.3	U		<2	U		<2	U		<0.88	U		<1.1	U		<8.8	UJ	UJ	<1.6	U		<1.6	U	
		VMP-13-10.5-D	11/17/2009	<1.3	U		<2.1	U		<2.1	U		<0.91	U		<1.2	U		<9.2	U	UJ	<1.7	U		<1.7	U	
		VMP 13-10.5-091310	9/13/2010	<0.014	U		<0.022	U		0.0073	J		<0.0096	U		0.0075	J		<0.097	U		<0.018	U		<0.018	U	
		VMP 13-10.5-091310-Dup	9/13/2010	<0.014	U		<0.022	U		0.0034	J		<0.0094	U		0.0074	J		<0.094	U		<0.017	U		<0.017	U	
		VMP-13-10.5-120110	12/1/2010	<0.0055	U		<0.0089	U		<0.0088	J	U	<0.0038	U		0.0011	J		<0.038	U		0.001	J		<0.0071	U	
		VMP-13-10.5-120110-DUP	12/1/2010	<0.0058	U		<0.0093	U		<0.0092	J	U	<0.004	U		0.00092	J		<0.04	U		0.0011	J		<0.0074	U	
		VMP-13-10.5-021811	2/18/2011	<2.3	U		<3.7	U		<3.6	U		<1.6	U		<2	U		<16	U		<2.9	U		<2.9	U	
		VMP-13-10.5-021811-DUP	2/18/2011	<2.2	U		<3.5	U		<3.5	U		<1.5	U		<1.9	U		<15	U		<2.8	U		<2.8	U	
		VMP-13-10.5-040511-DUP	4/5/2011	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0041	U		0.0011	J		<0.041	J	U	<0.0075	U		<0.0075	U	
		VMP-13-10.5-080911	8/9/2011	<0.13	U		<0.21	U		<0.2	U		<0.089	U		<0.11	U		<0.9	U		<0.16	U		<0.16	U	
		VMP-13-10.5-111411	11/14/2011	<0.0037	U		<0.006	U		<0.006	U		<0.0026	U		0.017			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-13-10.5-012712	1/26/2012	<0.01	U		<0.017	U		<0.016	U		<0.0072	U		0.0046	J		<0.072	U		<0.013	U		<0.013	U	
		VMP-13-10.5-012712-DUP	1/26/2012	<0.015	U		<0.024	U		<0.024	U		<0.01	U		0.0047	J		<0.1	U		<0.019	U		<0.019	U	
		VMP-13-10.5-042012	4/20/2012	<0.0037	U		<0.006	U		<0.0059	U		0.0034			0.03			<0.026	J	U	<0.0048	J	U	<0.0048	U	
		VMP-13-10.5-071912	7/19/2012	0.00079	J		<0.0064	U		0.0023	J		0.042			0.0082			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-13-10.5-100912	10/9/2012	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0087			<0.037	U		<0.0067	U		<0.0067	U	
		VMP-13-10.5-100912-Dup	10/9/2012	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.00089	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-13-10.5-013013	1/30/2013	<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0037	U		<0.0047	J	U	<0.037	J	U	<0.0069	U		<0.0069	U	
		VMP-13-10.5-050113	5/1/2013	<0.0059	U		<0.0096	U		<0.0095	J	U	<0.0041	U		<0.0052	J	U	<0.041	U		<0.0076	U		<0.0076	U	
		VMP-13-10.5-073113	7/31/2013	<0.0037	U		<0.006	U		<0.0059	U		<0.0026	U		0.0016	J		<0.026	U		<0.0048	U		<0.0048	U	
		VMP-13-10.5-092013	9/20/2013	<0.0063	U		<0.01	U		0.0026	J		<0.0043	U		0.001	J		<0.044	J	U	<0.008	U		0.0012	J	
		VMP-13-10.5-111513	11/15/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-13-10.5-111513-Dup	11/15/2013	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0032	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-13-10.5-022114	2/21/2014	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-13-10.5-050114	5/1/2014	<0.0047	U		<0.0075	U		<0.0074	U		<0.0032	U		0.0012	J		<0.032	U		<0.006	U		<0.006	U	
		VMP-13-10.5-080814	8/8/2014	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-13-10.5-103014	10/30/2014	0.0032	J		0.0081	J		0.0063	J		0.0033	J		0.0036	J		0.0057	J		0.0042	J		0.0046	J	
		VMP-13-10.5-020515	2/5/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.001	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-13-10.5-043015	4/30/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-13-10.5-072715	7/27/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-13-10.5-110215	11/2/2015	<0.0051	U		<0.0082	U		<0.0081	U		0.0055			0.0039	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-13-10.5-012616	1/26/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-13-10.5-050316	5/3/2016	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.00047	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-13-10.5-072916	7/29/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0065			<0.043	U		<0.0079	U		<0.0079	U	
		VMP-13-10.5-110216	11/2/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0045	J		<0.043	U		<0.0079	U		<0.0079	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	21.5 ft	VMP-13-21.5	11/17/2009	<65	U		<100	U		<100	U		<45	U		<57	U		<450	U	UJ	<83	U		<83	U	
		VMP 13-21.5-091310	9/13/2010	<10	U		<17	U		<16	U		<7.1	U		3.7	J		<72	U		<13	U		<13	U	
		VMP-13-21.5-120110	12/1/2010	<20	U		<32	U		<32	U		<14	U		<18	U		<140	U		<26	U		<26	U	
		VMP-13-21.5-021811	2/18/2011	0.53	J		<4.8	U		<4.7	U		<2.1	U		0.54	J		<21	U		<3.8	U		<3.8	U	
		VMP-13-21.5-040511	4/5/2011	<4.3	U		<6.9	U		<6.8	U		<3	U		<3.8	U		<30	U		<5.5	U		<5.5	U	
		VMP-13-21.5-080911	8/9/2011	<0.54	U		<0.86	U		<0.85	U		<0.37	U		0.18	J		<3.7	U		<0.69	U		<0.69	U	
		VMP-13-21.5-111411	11/14/2011	<2.4	U		<3.9	U		<3.9	U		<1.7	U		3.5			<17	U		<3.1	U		<3.1	U	
		VMP-13-21.5-111411-DUP	11/14/2011	<2.4	U		<3.9	U		<3.9	U		<1.7	U		3.6			<17	U		<3.1	U		<3.1	U	
		VMP-13-21.5-012712	1/27/2012	<0.57	U		<0.92	U		<0.91	U		<0.4	U		<0.5	U		<4	U		<0.73	U		<0.73	U	
		VMP-13-21.5-042012	4/20/2012	0.04	J		<0.1	U		<0.1	U		<0.044	U		0.087			<0.44	U		<0.081	U		<0.081	U	
		VMP-13-21.5-071912	7/19/2012	0.0013	J		<0.0064	U		0.0032	J		0.039			0.018			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-13-21.5-100912	10/9/2012	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0012	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-13-21.5-013013	1/30/2013	<0.0063	U		<0.01	U		<0.01	J	U	<0.0044	U		<0.0056	J	U	<0.044	J	U	<0.0081	U		<0.0081	U	
		VMP-13-21.5-050113	5/1/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0056	J	U	<0.044	U		<0.008	U		<0.008	U	
		VMP-13-21.5-073113	7/31/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	J	U	<0.044	U		<0.0081	U		<0.0081	U	
		VMP-13-21.5-102813	10/28/2013	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-13-21.5-102813-Dup	10/28/2013	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.00033	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-13-21.5-022114	2/21/2014	<0.11	U		<0.18	U		<0.17	U		<0.075	U		<0.096	U		<0.76	U		<0.14	U		<0.14	U	
		VMP-13-21.5-050114	5/1/2014	<0.0045	U		<0.0073	U		<0.0072	U		<0.0031	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U	
		VMP-13-21.5-080814	8/8/2014	<0.0056	U		<0.009	U		0.002	J		<0.0039	U		0.0051			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-13-21.5-103014	10/30/2014	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-13-21.5-020515	2/5/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-13-21.5-043015	4/30/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0058	U		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-13-21.5-072715	7/27/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-13-21.5-112515	11/25/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-13-21.5-012616	1/26/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-13-21.5-050316	5/3/2016	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		0.0013	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-13-21.5-050316-DUP	5/3/2016	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.00078	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-13-21.5-072916	7/29/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-13-21.5-110216	11/2/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.066			<0.037	U		<0.0069	U		<0.0069	U	
	29.5 ft	VMP-13-29.5	11/17/2009	<130	U		<200	U		<200	U		<88	U		120			<880	U	UJ	<160	U		<160	U	
		VMP-13-29.5-021811	2/18/2011	<92	U		<150	U		<150	U		<64	U		16	J		<640	U		<120	U		<120	U	
		VMP-13-29.5-040511	4/5/2011	<60	U		<96	U		<95	U		<41	U		19	J		<420	U		<76	U		<76	U	
		VMP-13-29.5-013012	1/30/2012	<1.8	U		<2.9	U		<2.9	U		<1.3	U		11		J	<13	U		<2.3	U		<2.3	U	
		VMP-13-29.5-042012	4/20/2012	0.51	J		<3.8	U		<3.8	U		<1.6	U		1.3	J		<17	U		<3	U		<3	U	
		VMP-13-29.5-071912	7/19/2012	<6.8	U		<11	U		<11	U		<4.7	U		<6.1	U		<48	U		<8.8	U		<8.8	U	
		VMP-13-29.5-100912	10/9/2012	<6.4	U		<10	U		2	J		<4.5	U		1.4	J		<45	U		<8.3	U		<8.3	U	
		VMP-13-29.5-013013	1/30/2013	<2.7	U		<4.4	U		<4.3	U		<1.9	U		0.65	J		1.6	J		<3.5	U		<3.5	U	
		VMP-13-29.5-050113	5/1/2013	0.032	J		<0.29	U		<0.28	U		<0.12	U		0.052	J		0.1	J		<0.23	U		<0.23	U	
		VMP-13-29.5-073113	7/31/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0026	J		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-13-29.5-102813	10/28/2013	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.00044	J		<0.04	J	U	<0.0074	U		<0.0074	U	
		VMP-13-29.5-022114	2/21/2014	<0.056	U		<0.09	U		<0.088	U		<0.038	U		0.016	J		<0.39	U		<0.071	U		<0.071	U	
		VMP-13-29.5-022114-Dup	2/21/2014	<0.053	U		<0.085	U		<0.084	U		<0.036	U		0.014	J		<0.37	U		<0.068	U		<0.068	U	
		VMP-13-29.5-050114	5/1/2014	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-13-29.5-080814	8/8/2014	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-13-29.5-103014	10/30/2014	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		0.0014	J		<0.0065	U	
		VMP-13-29.5-020515	2/5/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-13-29.5-043015	4/30/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-13-29.5-072715	7/27/2015	<0.0065	U		<0.01	U		0.0027	J		<0.0045	U		<0.0058	U		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-13-29.5-072715-DUP	7/27/2015	<0.0066	U		<0.01	U		<0.01	U		<0.0045	U		0.0016	J		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-13-29.5-110215	11/2/2015	<0.0046	U		<0.0073	U		<0.0072	U		<0.0032	U		<0.004	U		<0.032	U		<0.0058	U		<0.0058	U	
		VMP-13-29.5-110215-DUP	11/2/2015	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-13-29.5-012616	1/26/2016	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.035	J	U	<0.0064	U		<0.0064	U	
		VMP-13-29.5-050316	5/3/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-13-29.5-082616-R	8/29/2016	<0.0047	U		<0.0076	U		<0.0076	U		<0.0033	U		0.01			<0.033	U		<0.0061	U		<0.0061	U	
		VMP-13-29.5-110216	11/2/2016	<0.0057	U		0.0069	J		<0.0091	U		<0.004	U		0.0031	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-13-29.5-110216-Dup	11/2/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0031	J		<0.038	U		<0.007	U		<0.007	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5	11/20/2009	<0.011	U		<0.018	U		<0.018	U		<0.007	U		<0.009	U		<0.076	U		<0.014	U		<0.014	U	
		VMP 14-5-091010	9/10/2010	<0.26	U		<0.42	U		<0.42	U		<0.18	U		<0.23	U		<1.8	U		<0.34	U		<0.34	U	
		VMP-14-5-120110	12/1/2010	<0.0051	U		<0.0082	U		<0.0081	U		0.0025	J		<0.0045	U		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-14-5-021711	2/17/2011	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-14-5-040511	4/5/2011	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.004	U		0.0032	J		<0.04	J	U	<0.0073	U		<0.0073	U	
		VMP-14-5-080811	8/8/2011	<6	U		<9.6	U		<9.5	U		<4.1	U		<5.3	U		<42	U		<7.7	U		<7.7	U	
		VMP-14-5-111411	11/14/2011	<0.015	U		<0.024	U		<0.024	U		<0.01	U		0.02			<0.1	U		<0.019	U		<0.019	U	
		VMP-14-5-042012	4/20/2012	<0.0036	U		<0.0059	U		0.0025	J		0.0037			0.012			<0.025	U		<0.0047	U		<0.0047	U	
		VMP-14-5-072312	7/23/2012	0.0034	J		<0.0071	U		0.002	J		0.0015	J		0.12			<0.03	U		<0.0056	U		<0.0056	U	
		VMP-14-5-101012	10/10/2012	<0.0062	U		<0.0099	U		0.004	J		<0.0043	U		0.0078			<0.043	U		<0.0079	U		<0.0079	U	
		VMP-14-5-013113	1/31/2013	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.004	U		<0.0051	J	U	<0.04	J	U	<0.0073	U		<0.0073	U	
		VMP-14-5-050113	5/1/2013	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0019	J		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-14-5-111113	11/11/2013	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		<0.0054	U		<0.043	U	UJ	<0.0078	U		<0.0078	U	
		VMP-14-5-022614	2/26/2014	<0.0056	U		<0.0091	U		<0.009	J	U	<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-14-5-050114	5/1/2014	<0.0045	U		<0.0073	U		<0.0072	U		<0.0031	U		0.0011	J		<0.032	U		<0.0058	U		<0.0058	U	
		VMP-14-5-081114	8/11/2014	<0.0059	U		0.0089	J		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-14-5-103014	10/30/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-14-5-020615	2/6/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-14-5-043015	4/30/2015	<0.0056	U		<0.009	U		0.0034	J		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-14-5-072915	7/29/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0013	J		<0.037	U	UJ	<0.0068	U		<0.0068	U	
		VMP-14-5-110215	11/2/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.0014	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-14-5-012616	1/26/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-14-5-050316	5/3/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP14-5-072916	7/29/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0018	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-14-5-110216	11/2/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.01			<0.041	U		<0.0076	U		<0.0076	U	
	11.5 ft	VMP-14-11.5	11/16/2009	<1.3	U		<2.1	U		<2.1	U		<0.91	U		<1.2	U		<9.1	UJ	UJ	<1.7	U		<1.7	U	
		VMP 14-11.5-091010	9/10/2010	<4.1	U		<6.6	U		<6.5	U		<2.8	U		<3.6	U		<28	U		<5.2	U		<5.2	U	
		VMP-14-11.5-120110	12/2/2010	<0.36	U		<0.58	U		<0.57	U		<0.25	U		<0.32	U		<2.5	U		<0.46	U		<0.46	U	
		VMP-14-11.5-120110-DUP	12/2/2010	<0.32	U		<0.52	U		<0.52	U		<0.22	U		0.15	J		<2.2	U		<0.41	U		<0.41	U	
		VMP-14-11.5-021711	2/17/2011	<0.12	U		<0.19	U		<0.19	U		<0.081	U		<0.1	U		<0.82	U		<0.15	U		<0.15	U	
		VMP-14-11.5-021711-DUP	2/17/2011	<0.12	U		<0.19	U		<0.19	U		<0.081	U		<0.1	U		<0.82	U		<0.15	U		<0.15	U	
		VMP-14-11.5-040511	4/5/2011	<0.019	U		<0.031	U		<0.03	U		<0.013	U		0.035			<0.13	U		<0.024	U		<0.024	U	
		VMP-14-11.5-080811	8/8/2011	<0.59	U		<0.95	U		<0.94	U		<0.41	U		<0.52	U		<4.1	U		<0.76	U		<0.76	U	
		VMP-14-11.5-111511	11/15/2011	<0.92	U		<1.5	U		<1.5	U		<0.64	U		1.9			<6.4	U		<1.2	U		<1.2	U	
		VMP-14-11.5-012612	1/26/2012	<3.7	U		<6	U		<6	U		<2.6	U		<3.3	U		<26	U		<4.8	U		<4.8	U	
		VMP-14-11.5-042312	4/23/2012	<0.0039	U		<0.0063	U		0.0014	J		<0.0027	U		0.015		J	<0.027	U		<0.005	U		<0.005	U	
		VMP-14-11.5-042312-Dup	4/23/2012	<0.0039	U		<0.0063	U		<0.0062	U		<0.0027	U		0.0058		J	<0.027	U		<0.005	U		<0.005	U	
		VMP-14-11.5-072512	7/25/2012	<1.4	U		<2.2	U		<2.2	U		<0.95	U		<1.2	U		<9.5	U		<1.8	U		<1.8	U	
		VMP-14-11.5-101012	10/10/2012	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0027	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-14-11.5-013113	1/31/2013	<0.0055	U		<0.0088	U		<0.0088	J	U	<0.0038	U		<0.0049	J	U	0.008	J		<0.007	U		<0.007	U	
		VMP-14-11.5-050113	5/1/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0015	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-14-11.5-080113	8/1/2013	<0.0069	U		<0.011	U		<0.011	U		<0.0048	U		0.0028	J		<0.048	U		<0.0089	U		<0.0089	U	
		VMP-14-11.5-111113	11/11/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0054	U		<0.042	U	UJ	<0.0077	U		<0.0077	U	
		VMP-14-11.5-022614	2/26/2014	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-14-11.5-050114	5/1/2014	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-14-11.5-081114	8/11/2014	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		0.051			<0.039	U		<0.0071	U		<0.0071	U	
		VMP-14-11.5-103014	10/30/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-14-11.5-020615	2/6/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-14-11.5-043015	4/30/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-14-11.5-072915	7/29/2015	<0.0063	U		<0.01	U		<0.01	U		0.0024	J		0.0047	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-14-11.5-110215	11/2/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-14-11.5-012616	1/26/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-14-11.5-050316	5/3/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-14-11.5-072916	7/29/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0056	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-14-11.5-110216	11/2/2016	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.0029	J		<0.043	U		<0.0078	U		<0.0078	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	20 ft	VMP-14-20	11/16/2009	<51	U		<82	U		<81	U		<35	U		<45	U		<350	UJ	UJ	<65	U		<65	U	
		VMP 14-20-091010	9/10/2010	<62	U		<100	U		<99	U		<43	U		<55	U		<430	U		<79	U		<79	U	
		VMP 14-20-091010-Dup	9/10/2010	<64	U		<100	U		<100	U		<44	U		<57	U		<450	U		<82	U		<82	U	
		VMP-14-20-120110	12/2/2010	<170	U		<270	U		<260	U		<120	U		<150	U		<1200	U		<210	U		<210	U	
		VMP-14-20-021811	2/18/2011	<94	U		<150	U		<150	U		<65	U		<83	U		<660	U		<120	U		<120	U	
		VMP-14-20-040511	4/5/2011	<40	U		<65	U		<64	U		<28	U		<36	U		<280	U		<52	U		<52	U	
		VMP-14-20-080811	8/8/2011	<15	U		<24	U		<23	U		<10	U		<13	U		<100	U		<19	U		<19	U	
		VMP-14-20-111511	11/15/2011	<76	U		<120	U		<120	U		<52	U		34	J		<530	U		<97	U		<97	U	
		VMP-14-20-012612	1/26/2012	<7.4	U		<12	U		<12	U		<5.2	U		2.2	J	J	<52	U		<9.5	U		<9.5	U	
		VMP-14-20-042312	4/23/2012	<4.1	U		<6.6	U		<6.5	U		<2.8	U		1.8	J		<28	U		<5.2	U		<5.2	U	
		VMP-14-20-072512	7/25/2012	<6.5	U		<10	U		<10	U		<4.5	U		<5.7	U		<45	U		<8.3	U		<8.3	U	
		VMP-14-20-101612	10/16/2012	<30	U		<48	U		<48	U		<21	U		8.7	J		<210	U		<38	U		<38	U	
		VMP-14-20-013113	1/31/2013	2.6	J		<17	U		<17	U		<7.4	U		4.1	J		9.3	J		<14	U		<14	U	
		VMP-14-20-050113	5/1/2013	<0.065	U		<0.1	U		<0.1	U		<0.045	U		<0.057	U		<0.45	U		<0.083	U		<0.083	U	
		VMP-14-20-050113-Dup	5/1/2013	<0.26	U		<0.42	U		<0.41	U		<0.18	U		<0.23	U		<1.8	U		<0.33	U		<0.33	U	
		VMP-14-20-080113	8/1/2013	<0.066	U		<0.11	U		<0.1	U		<0.046	U		<0.058	U		<0.46	U		<0.085	U		<0.085	U	
		VMP-14-20-111113	11/11/2013	<0.058	U		<0.093	U		<0.092	U		<0.04	U		<0.051	U		<0.4	U		<0.074	U		<0.074	U	
		VMP-14-20-022614	2/26/2014	<0.0052	U		<0.0083	U		0.018			<0.0036	U		<0.0046	J	U	<0.036	U		<0.0066	U		<0.0066	U	
		VMP-14-20-050114	5/1/2014	<0.0052	U		<0.0084	U		0.0032	J		<0.0036	U		0.0015	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-14-20-081114	8/11/2014	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		0.0038	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-14-20-103014	10/30/2014	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0034	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-14-20-020615	2/6/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0035	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-14-20-043015	4/30/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-14-20-072915	7/29/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0022	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-14-20-110215	11/2/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0016	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-14-20-012616	1/26/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0013	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-14-20-050416	5/4/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.00067	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-14-20-072916	7/29/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		0.00072	J		<0.047	U		<0.0086	U		<0.0086	U	
	29 ft	VMP-14-29	11/16/2009	<200	U		<320	U		<320	U		<140	U		<180	U		<1400	UJ	UJ	<250	U		<250	U	
		VMP-14-29-021811	2/18/2011	<140	U		<220	U		<220	U		<95	U		47	J		<950	U		<180	U		<180	U	
		VMP-14-29-040511	4/5/2011	<120	U		<190	U		<190	U		<81	U		50	J		<820	U		<150	U		<150	U	
		VMP-14-29-012612	1/26/2012	<130	U		<220	U		<210	U		<92	U		<120	U		<930	U		<170	U		<170	U	
		VMP-14-29-042312	4/23/2012	<48	U		<77	U		<76	U		<33	U		7.3	J		<330	U		<61	U		<61	U	
		VMP-14-29-072512	7/25/2012	<50	U		<81	U		<80	U		<35	U		<44	U		<350	U		<64	U		<64	U	
		VMP-14-29-101612	10/16/2012	<75	U		<120	U		<120	U		<52	U		9	J		<520	U		<96	U		<96	U	
		VMP-14-29-013113-DUP	1/31/2013	<100	U		<160	U		<160	U		<70	U		<89	U	UJ	<700	U		<130	U		<130	U	
		VMP-14-29-013113	1/31/2013	<42	U		<68	U		<67	U		<29	U		8	J	J	<290	U		<54	U		<54	U	
		VMP-14-29-050213	5/2/2013	<42	U		<68	U		<67	U		<29	U		<37	U		<300	U		<54	U		<54	U	
		VMP-14-29-080113	8/1/2013	<32	U		<51	U		<50	U		<22	U		15	J		<220	U		<40	U		<40	U	
		VMP-14-29-111113	11/11/2013	<0.92	U		<1.5	U		1	J		<0.64	U		3.7			<6.4	U		<1.2	U		<1.2	U	
		VMP-14-29-022614	2/26/2014	<0.98	U		<1.6	U		<1.6	U		<0.68	U		<0.86	U		<6.8	U		<1.2	U		<1.2	U	
		VMP-14-29-022614-Dup	2/26/2014	<0.53	U		<0.85	U		<0.84	U		<0.36	U		0.45	J		<3.7	U		<0.67	U		<0.67	U	
		VMP-14-29-050114	5/1/2014	<0.063	U		<0.1	U		<0.1	U		<0.044	U		<0.056	U		<0.44	U		<0.081	U		<0.081	U	
		VMP-14-29-050114-Dup	5/1/2014	<0.063	U		<0.1	U		<0.1	U		<0.044	U		<0.056	U		<0.44	U		<0.081	U		<0.081	U	
		VMP-14-29-081114	8/11/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.02		J	<0.041	U		<0.0076	U		<0.0076	U	
		VMP-14-29-081114-DUP	8/11/2014	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.011			<0.042	U		<0.0078	U		<0.0078	U	
		VMP-14-29-103014	10/30/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-14-29-020615	2/6/2015	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.00095	J		0.016	J		<0.0072	U		<0.0072	U	
		VMP-14-29-043015	4/30/2015	<0.0052	U		<0.0083	U		0.0035	J		<0.0036	U		0.068			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-14-29-043015-DUP	4/30/2015	0.0011	J		<0.0073	U		0.0028	J		<0.0031	U		0.07			<0.032	U		<0.0058	U		<0.0058	U	
		VMP-14-29-072915	7/29/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-14-29-110215	11/2/2015	<0.0054	U		<0.0088	U		0.0021	J		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-14-29-012616	1/26/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-14-29-012616-DUP	1/26/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-14-29-050316	5/3/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.03			<0.042	U		<0.0078	U		<0.0078	U	
		VMP-14-29-072916	7/29/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-14-29-072916-DUP	7/29/2016	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		0.0066			<0.034	U		<0.0062	U		<0.0062	U	
		VMP-14-29-110216	11/2/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	5 ft	VMP-15-5	11/18/2009	<0.005	U		<0.008	U		<0.008	U		<0.003	U		<0.004	U		<0.038	U		<0.006	U		<0.006	U	
		VMP-15-5-D	11/18/2009	<0.005	U		<0.008	U		<0.008	U		<0.003	U		<0.004	U		<0.038	U		<0.006	U		<0.006	U	
		VMP 15-5-091410	9/14/2010	<0.0054	U		<0.0086	U		0.0016	J		<0.0037	U		0.0018	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-15-5-113010	11/30/2010	<0.13	U		<0.2	U		<0.2	U		<0.088	U		<0.11	U		<0.89	U		<0.16	U		<0.16	U	
		VMP-15-5-021611	2/16/2011	0.036	J		<0.19	U		<0.19	U		<0.083	U		0.1	J		<0.84	U		<0.15	U		<0.15	U	
		VMP-15-5-042011	4/20/2011	<2.8	U		<0.45	U		<0.45	U		<0.19	U		<0.25	U		<2	U		<0.36	U		<0.36	U	
		VMP-15-5-080811	8/8/2011	0.0018	J		<0.01	U		0.0013	J		<0.0044	U		0.013			<0.044	J	U	<0.0081	U		<0.0081	U	
		VMP-15-5-111511	11/15/2011	<0.0071	U		<0.011	U		<0.011	U		<0.0049	U		0.012			<0.049	U		<0.009	U		<0.009	U	
		VMP-15-5-020112	2/1/2012	<0.036	U		<0.059	U		<0.058	U		<0.025	U		0.011	J		<0.25	U	UJ	<0.047	U		<0.047	U	
		VMP-15-5-042412	4/24/2012	<0.037	U		<0.06	U		<0.059	U		<0.026	U		0.01	J		<0.26	U		<0.048	U		<0.048	U	
		VMP-15-5-072512	7/25/2012	0.004	J		<0.0068	U		<0.0067	U		<0.0029	U		0.026			<0.029	U		<0.0054	U		<0.0054	U	
		VMP-15-5-102512	10/25/2012	<0.0063	U		<0.01	U		0.0051	J		<0.0044	U		0.013			<0.044	U		<0.0081	U		<0.0081	U	
		VMP-15-5-020513	2/5/2013	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	J	U	<0.043	U		<0.0079	U		<0.0079	U	
		VMP-15-5-050913	5/9/2013	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		<0.006	U		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-15-5-080813	8/8/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0019	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-15-5-111113	11/11/2013	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0079			<0.038	U	UJ	<0.0069	U		<0.0069	U	
		VMP-15-5-022714	2/27/2014	<0.0056	U		<0.009	U		0.0018	J		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-15-5-050514	5/5/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-15-5-081414	8/14/2014	<0.0062	U		<0.01	U		0.0084	J		<0.0043	U	UJ	0.00081	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-15-5-110614	11/6/2014	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.00084	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-15-5-020615	2/6/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-15-5-050415	5/4/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.012			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-15-5-072915	7/29/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-15-5-110415	11/4/2015	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.0022	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-15-5-020316	2/3/2016	<0.011	U		<0.018	U		<0.018	U		<0.0077	U		<0.0098	U		<0.077	U		<0.014	U		<0.014	U	
		VMP-15-5-050316	5/3/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-15-5-080216	8/2/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0009	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-15-5-110116	11/1/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
	21.5 ft	VMP-15-21.5	11/18/2009	<2.4	U		<3.9	U		<3.9	U		<1.7	U		<2.1	U		<17	U		<3.1	U		<3.1	U	
		VMP 15-21.5-091410	9/14/2010	<0.58	U		<0.94	U		<0.93	U		<0.4	U		<0.52	U		<4.1	U		<0.75	U		<0.75	U	
		VMP-15-21.5-113010	11/30/2010	<0.68	U		<1.1	U		<1.1	U		<0.47	U		<0.6	U		<4.8	U		<0.88	U		<0.88	U	
		VMP-15-21.5-021611	2/16/2011	<0.48	U		<0.77	U		<0.76	U		<0.33	U		<0.42	U		<3.3	U		<0.61	U		<0.61	U	
		VMP-15-21.5-042011	4/20/2011	<7.5	U		<1.2	U		<1.2	U		<0.52	U		<0.66	U		<5.2	U		<0.96	U		<0.96	U	
		VMP-15-21.5-080811	8/8/2011	<0.6	U		<0.97	U		<0.96	U		<0.42	U		0.1	J		<4.2	U		<0.77	U		<0.77	U	
		VMP-15-21.5-111511	11/15/2011	<0.48	U		<0.77	U		<0.76	U		<0.33	U		<0.42	U		<3.3	U		<0.61	U		<0.61	U	
		VMP-15-21.5-020112	2/1/2012	<0.36	U		<0.58	U		<0.57	U		<0.25	U		<0.32	U		<2.5	U	UJ	<0.46	U		<0.46	U	
		VMP-15-21.5-042412	4/24/2012	<0.16	U		<0.25	U		<0.25	U		<0.11	U		<0.14	U		<1.1	U		<0.2	U		<0.2	U	
		VMP-15-21.5-072512	7/25/2012	<0.56	U		<0.91	U		<0.9	U		<0.39	U		0.14	J		<3.9	U		<0.72	U		<0.72	U	
		VMP-15-21.5-102512	10/25/2012	<0.92	U		<1.5	U		<1.5	U		<0.64	U		<0.82	U		<6.4	U	UJ	<1.2	U		<1.2	U	
		VMP-15-21.5-102512-Dup	10/25/2012	<0.95	U		<1.5	U		<1.5	U		<0.66	U		<0.84	U		<6.6	U	UJ	<1.2	U		<1.2	U	
		VMP-15-21.5-020713	2/7/2013	<0.023	U		<0.038	U		<0.037	U		<0.016	U		0.0057	J		<0.16	U		<0.03	U		<0.03	U	
		VMP-15-21.5-051513	5/15/2013	<0.53	U		<0.85	U		<0.84	U		<0.36	U		1			<3.7	U		<0.68	U		<0.68	U	
		VMP-15-21.5-080813	8/8/2013	<0.12	U		<0.19	U		<0.19	U		<0.082	U		<0.1	U		<0.82	U		<0.15	U		<0.15	U	
		VMP-15-21.5-111113	11/11/2013	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U	UJ	<0.0067	U		<0.0067	U	
		VMP-15-21.5-111113-Dup	11/11/2013	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U	UJ	<0.007	U		<0.007	U	
		VMP-15-21.5-022714	2/27/2014	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-15-21.5-050514	5/5/2014	<0.0047	U		<0.0075	U		<0.0074	U		<0.0032	U		0.022			<0.032	U		<0.006	U		<0.006	U	
		VMP-15-21.5-081414	8/14/2014	<0.063	U		<0.1	U		<0.1	U		<0.044	U	UJ	<0.056	U		<0.44	U		<0.081	U		<0.081	U	
		VMP-15-21.5-110614	11/6/2014	<0.017	U		<0.028	U		<0.027	U		<0.012	U		0.0036	J		<0.12	U		<0.022	U		<0.022	U	
		VMP-15-21.5-020615	2/6/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-15-21.5-050415	5/4/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.002	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-15-21.5-072915	7/29/2015	<0.068	U		<0.11	U		<0.11	U		<0.047	U		<0.06	U		<0.47	U		<0.086	U		<0.086	U	
		VMP-15-21.5-110415	11/4/2015	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0022	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-15-21.5-020316	2/3/2016	<0.075	U		<0.12	U		<0.12	U		<0.052	U		<0.066	U		<0.52	U		<0.096	U		<0.096	U	
		VMP-15-21.5-050316	5/3/2016	0.00086	J		<0.0073	U		<0.0072	U		<0.0031	U		0.028			<0.032	U		<0.0058	U		<0.0058	U	
		VMP-15-21.5-080216	8/2/2016	<0.037	U		<0.06	U		<0.06	U		<0.026	U		<0.033	U		<0.26	U		<0.048	U		<0.048	U	
		VMP-15-21.5-110116	11/1/2016	<0.0085	U		<0.014	U		<0.014	U		<0.0059	U		0.0032	J		<0.059	U		<0.011	U		<0.011	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	25.5 ft	VMP-15-25.5	11/18/2009	<2.5	U		<4.1	U		<4	U		<1.8	U		<2.2	U		<18	U		<3.2	U		<3.2	U	
		VMP 15-25.5-091410	9/14/2010	<0.0055	U		<0.0088	U		<0.0088	U		0.0033	J		0.0011	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-15-25.5-021611	2/16/2011	<0.073	U		<0.12	U		<0.12	U		<0.051	U		<0.065	U		<0.51	U		<0.094	U		<0.094	U	
		VMP-15-25.5-042011	4/20/2011	<0.6	U		<0.097	U		<0.096	U		<0.042	U		<0.053	U		<0.42	U		<0.077	U		<0.077	U	
		VMP-15-25.5-042011-DUP	4/20/2011	<0.56	U		<0.091	U		<0.09	U		<0.039	U		<0.05	U		<0.39	U		<0.072	U		<0.072	U	
		VMP-15-25.5-080811	8/8/2011	<0.06	U		<0.097	U		<0.096	U		<0.042	U		0.022	J		<0.42	U		<0.077	U		<0.077	U	
		VMP-15-25.5-111511	11/15/2011	<0.018	U		<0.03	U		<0.029	U		<0.013	U		0.015	J		<0.13	U		<0.024	U		<0.024	U	
		VMP-15-25.5-073112	7/31/2012	<0.039	U		<0.063	U		<0.062	U		<0.027	U		0.051			<0.27	U		<0.05	U		<0.05	U	
		VMP-15-25.5-102512	10/25/2012	0.00064	J		<0.01	U		<0.01	U		0.0014	J		0.011			<0.11	U	UJ	<0.0081	U		<0.0081	U	
		VMP-15-25.5-021213	2/12/2013	<0.19	U		<0.31	U		<0.3	U		<0.13	U		<0.17	U		<1.3	U		<0.24	U		<0.24	U	
		VMP-15-25.5-050913	5/9/2013	<2.6	U		<4.1	U		<4.1	U		<1.8	U		<2.3	U		<18	U		<3.3	U		<3.3	U	
		VMP-15-25.5-080813	8/8/2013	<0.0061	U		<0.0098	U		0.0034	J		<0.0042	U		<0.0054	J	U	<0.042	U		<0.0078	U		<0.0078	U	
		VMP-15-25.5-111113	11/11/2013	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U	UJ	<0.007	U		<0.007	U	
		VMP-15-25.5-022714	2/27/2014	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-15-25.5-050514	5/5/2014	<0.005	U		<0.0081	U		<0.008	U		0.002	J		0.005			<0.035	U		<0.0065	U		<0.0065	U	
		VMP-15-25.5-081414	8/14/2014	<0.063	U		<0.1	U		<0.1	U		<0.043	U	UJ	<0.056	U		<0.44	U		<0.08	U		<0.08	U	
		VMP-15-25.5-110614	11/6/2014	<0.02	U		<0.033	U		<0.032	U		<0.014	U		0.0046	J		<0.14	U		<0.026	U		<0.026	U	
		VMP-15-25.5-110614-DUP	11/6/2014	<0.018	U		<0.029	U		<0.028	U		<0.012	U		0.0043	J		<0.12	U		<0.023	U		<0.023	U	
		VMP-15-25.5-020615	2/6/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.001	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-15-25.5-050415	5/4/2015	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-15-25.5-072915	7/29/2015	<0.075	U		<0.12	U		<0.12	U		<0.052	U		<0.066	U		<0.52	U		<0.096	U		<0.096	U	
		VMP-15-25.5-110415	11/4/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-15-25.5-020316	2/3/2016	<0.3	U		<0.48	U		<0.47	U		<0.21	U		<0.26	U		<2.1	U		<0.38	U		<0.38	U	
		VMP-15-25.5-050316	5/3/2016	<0.014	U		<0.023	U		<0.023	U		<0.0099	U		0.0095	J		<0.1	U		<0.018	U		<0.018	U	
		VMP-15-25.5-080216	8/2/2016	<0.06	U		<0.097	U		<0.096	U		<0.042	U		<0.054	U		<0.42	U		<0.077	U		<0.077	U	
		VMP-15-25.5-110116	11/1/2016	<0.038	U		<0.062	U		<0.061	U		<0.027	U		0.016	J		<0.27	U		<0.049	U		<0.049	U	
		VMP-15-25.5-110116-Dup	11/1/2016	<0.04	U		<0.064	U		<0.064	U		<0.028	U		0.015	J		<0.28	U		<0.051	U		<0.051	U	
	29 ft	VMP-15-29	11/19/2009	<3.2	U		<5.1	U		<5	U		<2.2	U		<2.8	U		<22	U		<4.1	U		<4.1	U	
		VMP-15-29-073112	7/31/2012	<0.17	U		<0.27	U		<0.26	U		<0.12	U		0.098	J	J	<1.2	U		<0.21	U		<0.21	U	
		VMP-15-29-102512	10/25/2012	0.0012	J		<0.021	U		<0.021	U		0.0024	J		0.016			<0.23	U	UJ	<0.017	U		<0.017	U	
		VMP-15-29-021213	2/12/2013	<0.11	U		<0.18	U		<0.18	U		<0.079	U		<0.1	U		<0.8	U		<0.15	U		<0.15	U	
		VMP-15-29-050913	5/9/2013	<1.2	U		<2	U		<2	U		<0.87	U		<1.1	U		<8.8	U		<1.6	U		<1.6	U	
		VMP-15-29-080813	8/8/2013	<0.006	U		<0.0097	U		0.0015	J		0.0024	J		0.001	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-15-29-111113	11/11/2013	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0028	J		<0.04	U	UJ	<0.0073	U		<0.0073	U	
		VMP-15-29-022714	2/27/2014	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.014			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-15-29-022714-Dup	2/27/2014	0.005	J		<0.0082	U		<0.0081	U		<0.0035	U		0.021			<0.035	U		<0.0065	U		<0.0065	U	
		VMP-15-29-081414	8/14/2014	<0.062	U		<0.099	U		<0.098	U		<0.043	U	UJ	<0.054	U		<0.43	U		<0.079	U		<0.079	U	
		VMP-15-29-110614	11/6/2014	<0.023	U		<0.038	U		<0.037	U		<0.016	U		0.0052	J		<0.16	U		<0.03	U		<0.03	U	
		VMP-15-29-020615	2/6/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0019	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-15-29-020615-DUP	2/6/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0033	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-15-29-050415	5/4/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0071			<0.042	U		<0.0076	U		<0.0076	U	
		VMP-15-29-072915	7/29/2015	<0.084	U		<0.14	U		<0.13	U		<0.058	U		0.019	J		<0.58	U		<0.11	U		<0.11	U	
		VMP-15-29-072915-DUP	7/29/2015	<0.07	U		<0.11	U		<0.11	U		<0.048	U		<0.062	U		<0.49	U		<0.09	U		<0.09	U	
		VMP-15-29-110415	11/4/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0025	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-15-29-020316	2/3/2016	<0.11	U		<0.18	U		<0.18	U		<0.078	U		<0.1	U		<0.79	U		<0.14	U		<0.14	U	
		VMP-15-29-050316	5/3/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-15-29-080216	8/2/2016	<0.076	U		<0.12	U		<0.12	U		<0.052	U		<0.067	U		<0.53	U		<0.097	U		<0.097	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5	11/20/2009	<0.072	U		<0.12	U		<0.11	U		<0.05	U		0.12			<0.5	U		<0.092	U		<0.092	U	
		VMP-16-5-090210	9/2/2010	<10	U		<16	U		<16	U		<7	U		<9	U		<71	U		<13	U		<13	U	
		VMP-16-5-112910	11/29/2010	<4.6	U		<7.5	U		<7.4	U		<3.2	U		<4.1	U		<32	U		<5.9	U		<5.9	U	
		VMP-16-5-021511	2/15/2011	<2.8	U		<4.5	U		<4.5	U		<1.9	U		2.4	J	J	<20	U		<3.6	U		<3.6	U	
		VMP-16-5-042211	4/22/2011	<37	U		<6	U		<6	U		<2.6	U		<3.3	U		<26	U		<4.8	U		<4.8	U	
		VMP-16-5-080511	8/5/2011	<1.2	U		<1.9	U		<1.9	U		<0.83	U		<1	U		<8.3	U		<1.5	U		<1.5	U	
		VMP-16-5-042512	4/25/2012	<4.1	U		<6.6	U		1.4	J		<2.8	U		<3.6	U		<28	U		<5.2	U		<5.2	U	
		VMP-16-5-073012	7/30/2012	<3.8	U		<6.1	U		<6.1	U		<2.6	U		0.31	J	J	<26	U		<4.9	U		<4.9	U	
		VMP-16-5-102512	10/25/2012	<3	U		<4.8	U		<4.8	U		<2.1	U		0.18	J		<21	U		<3.8	U		<3.8	U	
		VMP-16-5-021413	2/14/2013	<0.47	U		<0.76	U		<0.75	U		<0.32	U		<0.41	U		<3.3	U		<0.6	U		<0.6	U	
		VMP-16-5-042313	4/23/2013	<0.9	U		<1.4	U		<1.4	U		<0.62	U		5.1			<6.3	U		<1.2	U		<1.2	U	
		VMP-16-5-081313	8/13/2013	<0.0062	U		<0.01	U		0.0036	J		<0.0043	U		0.0031	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-16-5-111513	11/15/2013	<0.0055	U		<0.0088	U		0.01			<0.0038	U		0.0064			<0.038	ND,UJ	UJ	<0.007	U		<0.007	U	
		VMP-16-5-030614	3/6/2014	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-16-5-050214	5/2/2014	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-16-5-081514	8/15/2014	<0.0064	U		<0.01	U		0.0024	J		0.003	J		0.0026	J		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-16-5-110714	11/7/2014	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-16-5-021115	2/11/2015	<0.0056	U		<0.009	U		0.0015	J		<0.0039	U		0.005			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-16-5-050715	5/7/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0082			<0.044	U		<0.0082	U		<0.0082	U	
		VMP-16-5-073115	7/31/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U	UJ	<0.0072	U		<0.0072	U	
		VMP-16-5-110415	11/4/2015	<0.0058	U		<0.0094	U		0.0035	J		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-16-5-020316	2/3/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-16-5-050416	5/4/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.00066	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-16-5-080316	8/3/2016	<0.0048	U		<0.0078	U		<0.0077	U		<0.0033	U		0.0019	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-16-5-103116	10/31/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
	13.5 ft	VMP-16-13.5	11/19/2009	<0.32	U		<0.51	U		<0.5	U		<0.22	U		0.46			<2.2	U		<0.41	U		<0.41	U	
		VMP-16-13.5-090210	9/2/2010	<10	U		<17	U		<17	U		<7.3	U		1.4	J		<73	U		<13	U		<13	U	
		VMP-16-13.5-090210-DUP	9/2/2010	<10	U		<17	U		<17	U		<7.3	U		1.6	J		<73	U		<13	U		<13	U	
		VMP-16-13.5-112910	11/29/2010	<30	U		<48	U		<47	U		<21	U		<26	U		<210	U		<38	U		<38	U	
		VMP-16-13.5-021611	2/16/2011	<5.7	U		<9.2	U		<9.1	U		<4	U		<5.1	U		<40	U		<7.3	U		<7.3	U	
		VMP-16-13.5-021611-DUP	2/16/2011	<5.6	U		<9.1	U		<9	U		<3.9	U		<5	U		<39	U		<7.2	U		<7.2	U	
		VMP-16-13.5-042211	4/22/2011	<60	U		<9.7	U		<9.6	U		<4.2	U		<5.4	U		<42	U		<7.7	U		<7.7	U	
		VMP-16-13.5-080511	8/5/2011	<0.59	U	UJ	<0.95	U	UJ	<0.94	U	UJ	<0.41	U	UJ	0.12	J	J	<4.1	U	UJ	<0.75	U		<0.75	U	UJ
		VMP-16-13.5-042512	4/25/2012	<0.65	U		<1	U		0.14	J	J	<0.45	U		<0.57	U		<4.5	U		<0.83	U		<0.83	U	
		VMP-16-13.5-073012	7/30/2012	<19	U		<31	U		<31	U		<13	U		2.5	J		<140	U		<25	U		<25	U	
		VMP-16-13.5-102512	10/25/2012	<60	U		<97	U		<96	U		<42	U		4.1	J		<420	U		<77	U		<77	U	
		VMP-16-13.5-021413	2/14/2013	<9.5	U		<15	U		<15	U		<6.6	U		2.8	J	J	<66	U		<12	U		<12	U	
		VMP-16-13.5-042313	4/23/2013	<2.7	U		<4.4	U		<4.4	U		<1.9	U		8.1			<19	U		<3.5	U		<3.5	U	
		VMP-16-13.5-081313	8/13/2013	<6.2	U		<9.9	U		<9.8	U		<4.3	U		<5.4	U		<43	U		<7.9	U		<7.9	U	
		VMP-16-13.5-081313-Dup	8/13/2013	<16	U		<25	U		<25	U		<11	U		<14	U		<110	U		<20	U		<20	U	
		VMP-16-13.5-111513	11/15/2013	6.7	J		<71	U		<70	U		<30	U		5.6	J		<310	U		<56	U		<56	U	
		VMP-16-13.5-030614	3/6/2014	<5	U		<8	U		<7.9	U		<3.4	U		<4.4	U		<34	U		<6.4	U		<6.4	U	
		VMP-16-13.5-050214	5/2/2014	<1.3	U		<2.1	U		<2.1	U		<0.91	U		<1.2	U		<9.2	U		<1.7	U		<1.7	U	
		VMP-16-13.5-050214-Dup	5/2/2014	<4.8	U		<7.8	U		<7.7	U		<3.3	U		<4.3	U		<34	U		<6.2	U		<6.2	U	
		VMP-16-13.5-081514	8/15/2014	<30	U		<48	U		<47	U		<20	U		12	J		<210	U		<38	U		<38	U	
		VMP-16-13.5-110714	11/7/2014	<5.6	U		<9	U		<8.9	U		<3.9	U		<5	U		<39	U		<7.2	U		<7.2	U	
		VMP-16-13.5-110714-DUP	11/7/2014	<5.3	U		<8.5	U		<8.4	U		<3.6	U		0.62	J		<37	U		<6.7	U		<6.7	U	
		VMP-16-13.5-021115	2/11/2015	<9.5	U		<15	U		<15	U		<6.6	U		2.2	J		<66	U		<12	U		<12	U	
		VMP-16-13.5-050715	5/7/2015	<14	U		<22	U		<22	U		<9.4	U		7.9	J		<95	U		<17	U		<17	U	
		VMP-16-13.5-073115	7/31/2015	<3	U		<4.8	U		<4.7	U		<2.1	U		<2.6	U		<21	U		<3.8	U		<3.8	U	
		VMP-16-13.5-110415	11/4/2015	<6	U		<9.7	U		<9.6	U		<4.2	U		<5.3	U		<42	U	UJ	<7.7	U		<7.7	U	
		VMP-16-13.5-020316	2/3/2016	<28	U		<45	U		<45	U		<19	U		<25	U		<200	U		<36	U		<36	U	
		VMP-16-13.5-052516-R	5/25/2016	<2.9	U		<4.7	U		2	J		<2	U		<2.6	U		<20	U		<3.7	U		<3.7	U	
		VMP-16-13.5-080316	8/3/2016	<9.5	U		<15	U		<15	U		<6.6	U		2.8	J		<66	U		<12	U		<12	U	
		VMP-16-13.5-103116	10/31/2016	<3	U		<4.8	U		<4.7	U		<2.1	U		<2.6	U		<21	ND,UJ	UJ	<3.8	U		<3.8	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	19 ft	VMP-16-19	11/19/2009	<2.7	U		<4.4	U		<4.4	U		<1.9	U		<2.4	U		<19	U		<3.5	U		<3.5	U	
		VMP-16-19-090210	9/2/2010	<10	U		<17	U		<17	U		<7.3	U		<9.3	U		<73	U		<13	U		<13	U	
		VMP-16-19-112910	11/29/2010	<23	U		<37	U		<37	U		<16	U		<20	U		<160	U		<29	U		<29	U	
		VMP-16-19-021611	2/16/2011	<5.5	U		<8.8	U		<8.8	U		<3.8	U		<4.9	U		<38	U		<7	U		<7	U	
		VMP-16-19-042711	4/27/2011	<56	U		<9.1	U		<9	U		<3.9	U		<5	U		<39	U		<7.2	U		<7.2	U	
		VMP-16-19-042711-DUP	4/27/2011	<55	U		<8.8	U		<8.8	U		<3.8	U		<4.9	U		<38	U		<7	U		<7	U	
		VMP-16-19-042512	4/25/2012	<15	U		<24	U		<24	U		<10	U		<13	U		<100	U		<19	U		<19	U	
		VMP-16-19-073012	7/30/2012	<13	U		<22	U		<21	U		<9.3	U		1.6	J		<94	U		<17	U		<17	U	
		VMP-16-19-102512	10/25/2012	<56	U		<91	U		<90	U		<39	U		5.7	J		<390	U		<72	U		<72	U	
		VMP-16-19-021413	2/14/2013	<5.6	U		<9.1	U		<9	U		<3.9	U		0.83	J	J	<39	U		<7.2	U		<7.2	U	
		VMP-16-19-042313	4/23/2013	<5.2	U		<8.3	U		7.2	J		<3.6	U		4.2	J		<36	U		<6.6	U		<6.6	U	
		VMP-16-19-081313	8/13/2013	<5.9	U		<9.5	U		<9.4	U		<4.1	U		<5.2	U		<41	U		<7.5	U		<7.5	U	
		VMP-16-19-111513	11/15/2013	<37	U		<60	U		<59	U		<26	U		8.2	J		<260	U		<48	U		<48	U	
		VMP-16-19-111513-Dup	11/15/2013	<37	U		<60	U		<59	U		<26	U		8.2	J		<260	U		<48	U		<48	U	
		VMP-16-19-030614	3/6/2014	<13	U		<21	U		<20	U		<8.9	U		<11	U		<89	U		<16	U		<16	U	
		VMP-16-19-050214	5/2/2014	<5.6	U		<9	U		<8.9	U		<3.9	U		<4.9	U		<39	U		<7.1	U		<7.1	U	
		VMP-16-19-081514	8/15/2014	<14	U		<22	U		<22	U		<9.6	U		14			<97	U		<18	U		<18	U	
		VMP-16-19-110714	11/7/2014	<5.2	U	UJ	<8.3	U	UJ	<8.2	U	UJ	<3.6	U	UJ	0.48	J	J	<36	U	UJ	<6.6	U	UJ	<6.6	U	UJ
		VMP-16-19-120214-R	12/2/2014	<5.7	U		<9.2	U		<9.1	U		<4	U		1.9	J		<99	U		<7.3	U		<7.3	U	
		VMP-16-19-021115	2/11/2015	<4.8	U		<7.8	U		<7.7	U		<3.3	U		1.3	J		<34	U		<6.2	U		<6.2	U	
		VMP-16-19-050715	5/7/2015	2.6	J		<17	U		<17	U		<7.2	U		22			<73	U		<13	U		<13	U	
		VMP-16-19-073115	7/31/2015	<6.2	U		<9.9	U		<9.8	U		<4.3	U		<5.4	U		<43	U		<7.9	U		<7.9	U	
		VMP-16-19-110415	11/4/2015	<1	U		<1.6	U		<1.6	U		<0.69	U		<0.88	U		<6.9	U	UJ	<1.3	U		<1.3	U	
		VMP-16-19-020316	2/3/2016	<33	U		<53	U		<52	U		6.2	J		<29	U		<230	U		<42	U		<42	U	
		VMP-16-19-050416	5/4/2016	<2.1	U		<3.4	U		<3.4	U		<1.4	U		0.97	J		<15	U		<2.7	U		<2.7	U	
		VMP-16-19-080316	8/3/2016	<6.3	U		<10	U		4.6	J		<4.4	U		4.4	J		<44	U		<8.1	U		<8.1	U	
		VMP-16-19-103116	10/31/2016	<2.8	U		<4.5	U		<4.4	U		<1.9	U		<2.4	U		<19	U		<3.5	U		<3.5	U	
	31 ft	VMP-16-31	11/19/2009	<4.1	U		<6.6	U		<6.6	U		<2.9	U		<3.6	U		<29	U		<5.3	U		<5.3	U	
		VMP-16-31-D	11/19/2009	<4.1	U		<6.6	U		<6.6	U		<2.9	U		<3.6	U		<29	U		<5.3	U		<5.3	U	
		VMP-16-31-090310	9/3/2010	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0016	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-16-31-112910	11/29/2010	<23	U		<37	U		<37	U		<16	U		<20	U		<160	U		<30	U		<30	U	
		VMP-16-31-042512	4/25/2012	<18	U		<29	U		<29	U		<13	U		<16	U		<130	U		<23	U		<23	U	
		VMP-16-31-073012	7/30/2012	<15	U		<24	U		<24	U		<10	U		4	J		<100	U		<19	U		<19	U	
		VMP-16-31-102512	10/25/2012	<70	U		<110	U		<110	U		<48	U		3.9	J		<490	U		<89	U		<89	U	
		VMP-16-31-021813	2/18/2013	<21	U		<34	U		<34	U		<15	U		<19	U		<150	U		<27	U		<27	U	
		VMP-16-31-042313	4/23/2013	<13	U		<22	U		6.6	J		<9.3	U		9.5	J		<94	U		<17	U		<17	U	
		VMP-16-31-081313	8/13/2013	<15	U		<24	U		<24	U		<10	U		<13	U		<110	U		<20	U		<20	U	
		VMP-16-31-111513	11/15/2013	<34	U		<55	U		<54	U		<24	U		6	J		<240	U		<44	U		<44	U	
		VMP-16-31-030614	3/6/2014	<9.6	U		<16	U		<15	U		<6.7	U		<8.5	U		<67	U		<12	U		<12	U	
		VMP-16-31-050214	5/2/2014	<2.7	U		<4.4	U		<4.4	U		<1.9	U		<2.4	U		<19	U		<3.5	U		<3.5	U	
		VMP-16-31-081514	8/15/2014	<15	U		<24	U		<23	U		<10	U		6.6	J		<100	U		<19	U		<19	U	
		VMP-16-31-081514-Dup	8/15/2014	<15	U		<24	U		<24	U		<10	U		7.2	J		<100	U		<19	U		<19	U	
		VMP-16-31-110714	11/7/2014	<2.6	U		<4.2	U		<4.1	U		<1.8	U		<2.3	U		<18	U		<3.3	U		<3.3	U	
		VMP-16-31-021115	2/11/2015	<4.2	U		<6.9	U		<6.8	U		<2.9	U		1.2	J		<30	U		<5.4	U		<5.4	U	
		VMP-16-31-050715	5/7/2015	<7.6	U		<12	U		<12	U		<5.3	U		5.8	J		<53	U		<9.8	U		<9.8	U	
		VMP-16-31-073115	7/31/2015	<3.2	U		<5.1	U		<5	U		<2.2	U		<2.8	U		<22	U		<4	U		<4	U	
		VMP-16-31-073115-DUP	7/31/2015	<2.9	U		<4.7	U		<4.7	U		<2	U		<2.6	U		<20	U		<3.8	U		<3.8	U	
		VMP-16-31-110415	11/4/2015	<6.2	U		<9.9	U		<9.8	U		<4.3	U		0.96	J		<43	U	UJ	<7.9	U		<7.9	U	
		VMP-16-31-020316	2/3/2016	<11	U		<18	U		<18	U		2.1	J		<10	U		<79	U		<14	U		<14	U	
		VMP-16-31-020316-DUP	2/3/2016	<14	U		<22	U		<22	U		<9.4	U		<12	U		<94	U		<17	U		<17	U	
		VMP-16-31-050416	5/4/2016	<5.7	U		<9.1	U		<9	U		<3.9	U		9.5		J	<39	U		<7.2	U		<7.2	U	
		VMP-16-31-050416-DUP	5/4/2016	<5.5	U		<8.9	U		<8.8	U		<3.8	U		20		J	<38	U		<7.1	U		<7.1	U	
		VMP-16-31-080316	8/3/2016	<3.8	U		<6.2	U		<6.1	U		<2.6	U		3.8			<27	U		<4.9	U		<4.9	U	
		VMP-16-31-103116	10/31/2016	<2.7	U		<4.4	U		<4.3	U		<1.9	U		<2.4	U		<19	ND,UJ	UJ	<3.5	U		<3.5	U	
		VMP-16-31-103116-Dup	10/31/2016	<2.8	U		<4.6	U		<4.5	U		<2	U		0.36	J		<20	ND,UJ	UJ	<3.6	U		<3.6	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	<0.006	U		<0.01	U		<0.009	J	U	<0.004	U		0.001	J		<0.043	U		<0.007	U		<0.007	U	
		VMP-17-5-DUP	6/21/2010	<0.006	U		<0.01	U		<0.01	J	U	<0.004	U		<0.005	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-17-5-090110	9/1/2010	<0.0057	U		<0.0092	U		<0.0091	J	U	0.0034	J		0.0078			<0.04	J	UJ	<0.0073	U		<0.0073	U	
		VMP-17-5-112210	11/22/2010	0.0027	J		<0.0092	U		<0.0091	J	U	<0.004	U		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-17-5-020711	2/7/2011	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0021	J		<0.037	J	U	<0.0069	U		<0.0069	U	
		VMP-17-5-040611	4/6/2011	<0.022	U		<0.035	U		<0.034	U		<0.015	U		<0.019	U		<0.15	U		<0.028	U		<0.028	U	
		VMP-17-5-080111	8/1/2011	<0.082	U		<0.13	U		<0.13	U		<0.057	U		0.052	J		<0.57	U		<0.1	U		<0.1	U	
		VMP-17-5-110711	11/7/2011	<0.0036	U		<0.0059	U		<0.0058	U		<0.0025	U		0.015			<0.025	U		<0.0047	U		<0.0047	U	
		VMP-17-5-012612	1/26/2012	<0.0038	U		<0.0061	U		<0.0061	U		<0.0026	U		0.0081			<0.026	U		<0.0049	U		<0.0049	U	
		VMP-17-5-041112	4/11/2012	<0.0039	J	U	<0.0063	U		<0.0062	J	U	0.0047			0.018			<0.027	U		<0.005	U		<0.005	U	
		VMP-17-5-071112	7/11/2012	<0.0042	J	U	<0.0067	U		<0.0066	U		0.002	J		0.063			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-17-5-100912	10/9/2012	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0011	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-17-5-013113	1/31/2013	<0.022	U		<0.036	U		<0.036	U		<0.016	U		0.0028	J		<0.16	J	U	<0.029	U		<0.029	U	
		VMP-17-5-013113-DUP	1/31/2013	<0.022	U		<0.036	U		<0.036	U		<0.016	U		<0.02	J	U	<0.16	U		<0.029	U		<0.029	U	
		VMP-17-5-050113	5/1/2013	<0.0061	U		<0.0098	U		<0.0097	J	U	<0.0042	U		<0.0054	J	U	<0.042	U		<0.0078	U		<0.0078	U	
		VMP-17-5-072913	7/29/2013	0.00071	J		<0.0098	U		<0.0097	U		<0.0042	U		0.0031	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-17-5-072913-Dup	7/29/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	J	U	<0.044	U		<0.0081	U		<0.0081	U	
		VMP-17-5-110813	11/8/2013	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	UJ	<0.0074	U		<0.0074	U	
		VMP-17-5-021114	2/11/2014	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-17-5-042214	4/22/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	J	UJ	0.011			<0.037	U		<0.0068	J	U	<0.0068	U	
		VMP-17-5-073114	7/31/2014	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0017	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-17-5-103014	10/30/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0016	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-17-5-020415	2/4/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-17-5-050115	5/1/2015	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-17-5-072815	7/28/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-17-5-102915	10/29/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0016	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-17-5-020216	2/2/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.003	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-17-5-050216	5/2/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-17-5-072516	7/25/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0084			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-17-5-103116	10/31/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	<0.006	U		<0.009	U		<0.009	U		0.0072			0.0014	J		<0.043	U		<0.007	U		<0.007	U	
		VMP-18-8.5-090710	9/7/2010	<0.0055	U		<0.0088	J	U	<0.0088	J	U	<0.0038	U		0.0021	J		<0.038	J	U	0.0011	J		<0.007	U	
		VMP-18-8.5-111910	11/19/2010	<0.0046	U		<0.0074	U		<0.0073	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U	
		VMP-18-8.5-020711	2/7/2011	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.013		J	<0.035	J	U	<0.0065	U		<0.0065	U	
		VMP-18-8.5-020711-DUP	2/7/2011	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		0.0031	J	J	<0.034	J	U	<0.0062	U		<0.0062	U	
		VMP-18-8.5-040711	4/7/2011	<0.0055	U		<0.0088	U		0.0036	J		<0.0038	U		0.0011	J		<0.038	J	U	<0.007	U		<0.007	U	
		VMP-18-8.5-072811	7/28/2011	0.0021	J		<0.0095	U		<0.0094	U		0.0013	J		0.012			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-18-8.5-110711	11/7/2011	<0.0038	U		<0.0061	U		<0.0061	U		<0.0026	U		0.01			<0.026	U		<0.0049	U		<0.0049	U	
		VMP-18-8.5-012312	1/23/2012	<0.0041	U		<0.0066	U		0.0026	J		<0.0029	U		0.0042			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-18-8.5-041012	4/10/2012	<0.0043	J	U	<0.0069	U		<0.0068	J	U	0.01			0.036			<0.03	U		<0.0055	U		<0.0055	U	
		VMP-18-8.5-071212	7/12/2012	<0.0042	J	U	<0.0067	U		<0.0066	U		0.0024	J		0.05			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-18-8.5-100912	10/9/2012	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0045	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-18-8.5-012313	1/23/2013	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-18-8.5-050113	5/1/2013	<0.0066	U		<0.01	U		<0.01	U		<0.0045	U		<0.0058	J	U	<0.046	U		<0.0084	U		<0.0084	U	
		VMP-18-8.5-072913	7/29/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	J	U	<0.044	U		<0.008	U		<0.008	U	
		VMP-18-8.5-102513	10/25/2013	<0.0053	U		<0.0085	U		<0.0084	U		0.00049	J		0.00031	J		<0.037	U	UJ	<0.0067	U		<0.0067	U	
		VMP-18-8.5-102513-Dup	10/25/2013	<0.006	U		<0.0097	U		0.0012	J		0.0011	J		0.00038	J		0.0009	J	J	<0.0077	U		<0.0077	U	
		VMP-18-8.5-020614	2/6/2014	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-18-8.5-042214	4/22/2014	<0.0063	U		<0.01	U		<0.01	U		<0.0044	J	UJ	0.0032	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-18-8.5-042214-Dup	4/22/2014	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U	UJ	0.0023	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-18-8.5-073114	7/31/2014	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.006	U		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-18-8.5-110314	11/3/2014	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0016	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-18-8.5-020415	2/4/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-18-8.5-050115	5/1/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-18-8.5-050115-DUP	5/1/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-18-8.5-072815	7/28/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-18-8.5-102915	10/29/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0015	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-18-8.5-020216	2/2/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0035	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-18-8.5-050516	5/5/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-18-8.5-072516	7/25/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-18-8.5-102516	10/26/2016	<0.011	U		<0.017	U		<0.017	U		<0.0074	U		0.0044	J		<0.075	U		<0.014	U		<0.014	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	<0.005	U		<0.009	U		<0.009	J	U	<0.004	U		<0.005	U		<0.04	U		<0.007	U		<0.007	U	
		VMP-19-5-090110	9/1/2010	<0.0055	U		<0.0088	U		<0.0088	J	U	<0.0038	U		<0.0049	U		<0.038	J	UJ	<0.007	U		<0.007	U	
		VMP-19-5-111510	11/15/2010	0.0065			<0.0095	U		0.0013	J		<0.0041	U		0.0014	J		<0.041	U		0.0014	J		<0.0075	U	
		VMP-19-5-020411	2/4/2011	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0018	J		<0.036	J	U	<0.0066	U		<0.0066	U	
		VMP-19-5-040711	4/7/2011	<0.0058	U		<0.0093	U		0.0015	J		<0.004	U		0.0014	J		0.0031	J		<0.0074	U		<0.0074	U	
		VMP-19-5-080911	8/9/2011	<0.0063	J	U	<0.01	U		<0.01	J	U	<0.0044	U		0.032			<0.044	J	U	<0.0081	U		<0.0081	U	
		VMP-19-5-080911-DUP	8/9/2011	<0.006	J	U	<0.0097	U		<0.0096	J	U	<0.0042	U		0.027			<0.042	J	U	<0.0077	U		<0.0077	U	
		VMP-19-5-110811	11/8/2011	<0.0042	U		<0.0067	U		<0.0066	U		<0.0029	U		0.014			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-19-5-012612	1/26/2012	<0.0036	U		<0.0059	U		<0.0058	U		<0.0025	U		0.0061			<0.025	U		<0.0047	U		<0.0047	U	
		VMP-19-5-041012	4/10/2012	<0.0042	J	U	<0.0067	U		<0.0066	J	U	0.0071			0.029			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-19-5-071112	7/11/2012	<0.0047	J	U	<0.0076	U		<0.0076	U		0.0017	J		0.059			<0.033	U		<0.0061	U		<0.0061	U	
		VMP-19-5-100912	10/9/2012	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-19-5-013113	1/31/2013	<0.0055	U		<0.0088	U		0.00099	J		<0.0038	U		0.005			<0.038	J	U	<0.007	U		<0.007	U	
		VMP-19-5-043013	4/30/2013	<0.0072	U		<0.012	U		<0.012	J	U	<0.005	U		<0.0064	J	U	<0.05	U		<0.0093	U		<0.0093	U	
		VMP-19-5-073113	7/31/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0035	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-19-5-102513	10/25/2013	<0.006	U		0.00041	J		<0.0096	U		0.00095	J		0.00038	J		<0.042	J	U	<0.0077	U		<0.0077	U	
		VMP-19-5-020614	2/6/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-19-5-042214	4/22/2014	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	J	UJ	<0.0054	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-19-5-073114	7/31/2014	<0.007	U		<0.011	U		<0.011	U		<0.0048	U		0.00092	J		<0.049	U		<0.0089	U		<0.0089	U	
		VMP-19-5-110314	11/3/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0018	J		<0.036	U		<0.0067	J	U	<0.0067	U	
		VMP-19-5-020415	2/4/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-19-5-050115	5/1/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-19-5-072815	7/28/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-19-5-102615	10/26/2015	<0.0059	U		<0.0095	U		0.0045	J		<0.0041	U		0.0023	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-19-5-020216	2/2/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0031	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-19-5-050616	5/6/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-19-5-072816	7/28/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-19-5-102516	10/26/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	<0.0052	U		<0.0083	U		0.055			<0.0036	U		0.046			<0.036	U	UJ	<0.0066	U		<0.0066	U	
		VMP-20-5-041511	4/15/2011	<0.057	U		<0.091	U		<0.09	U		<0.039	U	UJ	<0.05	U		<0.39	U		<0.072	U		<0.072	U	
		VMP-20-5-072511	7/25/2011	<0.006	J	U	<0.0097	U		<0.0096	U	UJ	<0.0042	U		0.014			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-20-5-110111	11/1/2011	<0.0034	U		<0.0055	U		<0.0055	U		0.0012	J		0.019			<0.024	U		<0.0044	U		<0.0044	U	
		VMP-20-5-012312	1/23/2012	<0.016	U		<0.026	U		<0.026	U		<0.011	U		0.03			<0.11	U		<0.021	U		<0.021	U	
		VMP-20-5-041012	4/10/2012	<0.0037	U		<0.006	U		<0.0059	U		0.027			0.024			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-20-5-071112	7/11/2012	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0024	J		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-20-5-073112	7/31/2012	0.0016	J		<0.0067	U		<0.0066	U		0.0011	J		0.072			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-20-5-100412	10/4/2012	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0013	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-20-5-020713	2/7/2013	<0.0053	U		<0.0085	U		<0.0084	J	U	<0.0036	U		<0.0046	J	U	<0.037	U		<0.0067	U		<0.0067	U	
		VMP-20-5-041913	4/19/2013	<0.0053	U		<0.0086	U		<0.0085	J	U	<0.0037	U		0.0066			<0.037	J	U	<0.0068	U		<0.0068	U	
		VMP-20-5-072313	7/23/2013	0.0016	J		<0.0097	J	U	<0.0096	U		<0.0042	U		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U	
		VMP-20-5-110113	11/1/2013	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	J	U	<0.0074	U		<0.0074	U	
		VMP-20-5-021014	2/10/2014	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-20-5-042114	4/21/2014	<0.0057	U		<0.0092	U		<0.0091	U		0.0011	J		0.0019	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-20-5-072514	7/25/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-20-5-102714	10/27/2014	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-20-5-012715	1/27/2015	<0.0054	U		<0.0086	U		0.0017	J		<0.0037	U		0.0037	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-20-5-042715	4/27/2015	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0011	J		<0.037	ND,UJ	UJ	<0.0068	U		<0.0068	U	
		VMP-20-5-072015	7/20/2015	<0.006	U		<0.0097	U		0.004	J		<0.0042	U		0.027			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-20-5-102015	10/20/2015	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0016	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-20-5-021616	2/16/2016	<0.0069	U		<0.011	U		<0.011	U		<0.0048	U		<0.0061	U		<0.048	U		<0.0089	U		<0.0089	U	
		VMP-20-5-042516	4/25/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0041	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-20-5-072216	7/22/2016	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0016	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-20-5-102616	10/26/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0017	J		<0.036	U		<0.0067	U		<0.0067	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	10 ft	VMP-20-10-031411	3/14/2011	<0.0052	U		<0.0083	U		0.0089			0.0018	J		0.0084			<0.036	U	UJ	<0.0066	U		<0.0066	U	
		VMP-20-10-041511	4/15/2011	<0.052	U		<0.083	U		<0.082	U		<0.036	U	UJ	<0.046	U		<0.36	U		<0.066	U		<0.066	U	
		VMP-20-10-072511	7/25/2011	0.0017	J		<0.0088	U		<0.0088	U	UJ	<0.0038	U		0.015			0.0043	J		<0.007	U		<0.007	U	
		VMP-20-10-110111	11/1/2011	<0.0036	U		<0.0059	U		<0.0058	U		<0.0025	U		0.0095			<0.025	U		<0.0047	U		<0.0047	U	
		VMP-20-10-012312	1/23/2012	<0.0038	U		<0.0061	U		0.00098	J		<0.0026	U		0.0082			<0.026	U		<0.0049	U		<0.0049	U	
		VMP-20-10-041012	4/10/2012	0.0012	J		<0.0059	U		<0.0058	U		0.045			0.028			<0.025	U		<0.0047	U		<0.0047	U	
		VMP-20-10-071112	7/11/2012	<0.0042	U		<0.0067	U		<0.0066	U		0.00078	J		0.005			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-20-10-100412	10/4/2012	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0019	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-20-10-012213	1/22/2013	<0.0053	U		<0.0085	U		<0.0084	J	U	<0.0036	U		<0.0046	J	U	<0.037	J	U	<0.0067	U		<0.0067	U	
		VMP-20-10-041913	4/19/2013	<0.0054	U		<0.0088	U		<0.0087	J	U	<0.0038	U		<0.0048	J	U	<0.038	J	U	<0.007	U		<0.007	U	
		VMP-20-10-072313	7/23/2013	<0.0062	J	U	<0.0099	U		<0.0098	U		0.0018	J		<0.0054	J	U	<0.043	J	U	<0.0079	U		<0.0079	U	
		VMP-20-10-110113	11/1/2013	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-20-10-110113-Dup	11/1/2013	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-20-10-021014	2/10/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0025	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-20-10-042114	4/21/2014	<0.005	U		<0.0081	U		<0.008	U		0.0009	J		0.003	J		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-20-10-072514	7/25/2014	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0057			<0.039	U		<0.0071	U		<0.0071	U	
		VMP-20-10-102714	10/27/2014	<0.0073	U		<0.012	U		<0.012	U		<0.005	U		<0.0064	U		<0.051	U		<0.0093	U		<0.0093	U	
		VMP-20-10-012715	1/27/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-20-10-012715-DUP	1/27/2015	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-20-10-042715	4/27/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	ND,UJ	UJ	<0.0066	U		<0.0066	U	
		VMP-20-10-072015	7/20/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-20-10-102015	10/20/2015	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-20-10-102015-DUP	10/20/2015	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-20-10-021616	2/16/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.04			<0.036	U		<0.0067	U		<0.0067	U	
		VMP-20-10-042516	4/25/2016	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.002	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-20-10-072216	7/22/2016	<0.006	U		<0.0096	U		<0.0095	U		0.057			<0.0053	U		0.0079	J		<0.0077	U		<0.0077	U	
		VMP-20-10-102616	10/26/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0023	J		<0.036	U		<0.0066	U		<0.0066	U	
	25 ft	VMP-20-25-031411	3/14/2011	<0.0051	U		<0.0082	U		0.0068	J		<0.0035	U		0.0015	J		<0.035	U	UJ	<0.0065	U		<0.0065	U	
		VMP-20-25-041511	4/15/2011	<0.059	U		<0.095	U		<0.094	U		<0.041	U	UJ	<0.052	U		<0.41	U		<0.075	U		<0.075	U	
		VMP-20-25-072611	7/26/2011	<0.39	U		<0.63	U		<0.62	U	UJ	<0.27	U		<0.35	U		<2.7	U		<0.5	U		<0.5	U	
		VMP-20-25-110511	11/5/2011	0.00044	J		<0.0058	U		<0.0057	J	U	<0.0025	U		0.015			<0.025	U		<0.0046	U		<0.0046	U	
		VMP-20-25-012312	1/23/2012	<0.004	U		<0.0064	U		0.001	J		<0.0028	U		0.0064			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-20-25-041012	4/10/2012	0.0007	J		<0.006	U		<0.0059	U		0.031			0.036			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-20-25-041012-Dup	4/10/2012	0.00062	J		<0.0061	U		<0.0061	U		0.033			0.038			<0.026	U		<0.0049	U		<0.0049	U	
		VMP-20-25-071112	7/11/2012	<0.0043	U		<0.0069	U		<0.0068	U		<0.003	U		0.014			<0.03	U		<0.0055	U		<0.0055	U	
		VMP-20-25-100412	10/4/2012	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0017	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-20-25-012213	1/22/2013	<0.0053	U		<0.0085	U		<0.0084	J	U	<0.0036	U		<0.0046	J	U	<0.037	J	U	<0.0067	U		<0.0067	U	
		VMP-20-25-041913	4/19/2013	<0.0057	U		<0.0092	U		<0.009	J	U	<0.0039	U		0.0042	J		<0.04	J	U	<0.0073	U		<0.0073	U	
		VMP-20-25-072313	7/23/2013	<0.0064	U		<0.01	U		<0.01	U		0.0025	J		<0.0057	J	U	<0.045	J	U	<0.0083	U		<0.0083	U	
		VMP-20-25-110113	11/1/2013	<0.005	U		<0.0081	U		0.0012	J		<0.0035	U		0.0011	J		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-20-25-021014	2/10/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-20-25-042114	4/21/2014	<0.0053	U		<0.0085	U		<0.0084	U		0.0009	J		0.00099	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-20-25-072514	7/25/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-20-25-102714	10/27/2014	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-20-25-012715	1/27/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-20-25-042715	4/27/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0016	J		<0.038	ND,UJ	UJ	<0.007	U		<0.007	U	
		VMP-20-25-072015	7/20/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-20-25-102015	10/20/2015	0.0016	J		0.0023	J		0.0031	J		0.0024	J		0.0021	J		0.016	J		<0.0064	U		<0.0064	U	
		VMP-20-25-020216	2/2/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	J	UJ	<0.008	U		<0.008	U	
		VMP-20-25-042516	4/25/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0019	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-20-25-072216	7/22/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0016	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-20-25-102616	10/26/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	39.5 ft	VMP-20-39.5-042114	4/21/2014	<0.47	U		<0.75	U		<0.74	U		<0.32	U		<0.41	U		<3.2	U		<0.6	U		<0.6	U	
		VMP-20-39.5-042715	4/27/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0098			0.002	J		<0.0067	U		<0.0067	U	
		VMP-20-39.5-042715-DUP	4/27/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.011			<0.043	U		<0.0078	U		<0.0078	U	
		VMP-20-39.5-072015	7/20/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-20-39.5-072015-DUP	7/20/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-20-39.5-100412	10/4/2012	0.23	J		<2.5	U		<2.4	U		<1.1	U		1.7			<11	U		<2	U		<2	U	
		VMP-20-39.5-012313	1/23/2013	<0.88	U		<1.4	U		0.52	J		<0.61	U		<0.78	U		<6.1	U		<1.1	U		<1.1	U	
		VMP-20-39.5-041913	4/19/2013	<0.7	U		<1.1	U		<1.1	U		<0.48	U		1.1			<4.9	U		<0.9	U		<0.9	U	
		VMP-20-39.5-072313	7/23/2013	0.21	J		0.24	J		<2.1	U		<0.92	U		2.8			2.7	J		<1.7	U		<1.7	U	
		VMP-20-39.5-110113	11/1/2013	<0.12	U		<0.19	U		<0.18	U		<0.08	U		<0.1	U		<0.8	U		<0.15	U		<0.15	U	
		VMP-20-39.5-021014	2/10/2014	<0.1	U		<0.16	U		<0.16	U		<0.069	U		<0.088	U		<0.7	U		<0.13	U		<0.13	U	
		VMP-20-39.5-021014-Dup	2/10/2014	<0.094	U		<0.15	U		<0.15	U		<0.065	U		<0.083	U		<0.66	U		<0.12	U		<0.12	U	
		VMP-20-39.5-072514	7/25/2014	<0.93	U		<1.5	U		<1.5	U		<0.65	U		5.4			<6.5	U		<1.2	U		<1.2	U	
		VMP-20-39.5-072514-Dup	7/25/2014	<0.73	U		<1.2	U		<1.2	U		<0.51	U		5.1			<5.1	U		<0.94	U		<0.94	U	
		VMP-20-39.5-102714	10/27/2014	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-20-39.5-012715	1/27/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-20-39.5-102015	10/20/2015	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0021	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-20-39.5-020216	2/2/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.017			<0.037	J	UJ	<0.0069	U		<0.0069	U	
		VMP-20-39.5-020216-DUP	2/2/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.018			<0.037	U	UJ	<0.0068	U		<0.0068	U	
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<2	U		<3.2	U		<3.2	U		<1.4	U		<1.8	U		<14	U		<2.5	U		<2.5	U	
		VMP-21-5-020911-DUP	2/9/2011	<3.4	U		<5.4	U		<5.4	U		<2.3	U		<3	U		<24	U		<4.3	U		<4.3	U	
		VMP-21-5-041311	4/13/2011	<0.0056	U		<0.0091	U		0.011			<0.0039	U		0.0027	J		<0.039	J	U	<0.0072	U		<0.0072	U	
		VMP-21-5-072511	7/25/2011	0.0023	J		<0.0095	U		0.0058	J	J	<0.0041	U		0.026			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-21-5-110111	11/1/2011	<0.0048	U		<0.0078	U		<0.0077	U		0.0011	J		0.0074			<0.034	U		<0.0062	U		<0.0062	U	
		VMP-21-5-012312	1/23/2012	0.00053	J		<0.0066	U		0.001	J		<0.0029	U		0.0052			<0.029	J	U	0.0032	J		<0.0053	U	
		VMP-21-5-012312-DUP	1/23/2012	<0.0038	U		<0.0061	U		0.00076	J		<0.0026	U		0.0057			<0.026	U		0.0012	J		<0.0049	U	
		VMP-21-5-042412	4/24/2012	<0.0078	U		<0.012	U		<0.012	U		<0.0054	U		0.011			<0.054	U		<0.01	U		<0.01	U	
		VMP-21-5-071012	7/10/2012	0.0015	J		<0.0073	U		<0.0072	U		0.02			0.01			<0.031	U		<0.0058	U		<0.0058	U	
		VMP-21-5-100412	10/4/2012	<0.0066	U		<0.011	U		0.0055	J		<0.0046	U		0.013			<0.046	U		<0.0085	U		<0.0085	U	
		VMP-21-5-020613	2/6/2013	<0.006	U		<0.0097	U		<0.0096	J	U	<0.0042	U		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U	
		VMP-21-5-051013	5/10/2013	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0021	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-21-5-072313	7/23/2013	<0.0064	J	U	<0.01	U		<0.01	J	U	<0.0045	U		<0.0057	J	U	<0.045	J	U	<0.0083	U		<0.0083	U	
		VMP-21-5-102113	10/21/2013	<0.0056	U		<0.0091	U		0.00065	J		<0.0039	U		<0.005	U		<0.039	J	U	<0.0072	U		<0.0072	U	
		VMP-21-5-022414	2/24/2014	<0.0048	U		<0.0078	U		<0.0077	U		<0.0033	U		<0.0042	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-21-5-042114	4/21/2014	<0.0055	U		<0.0089	U		<0.0088	U		0.0013	J		0.00073	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-21-5-072814	7/28/2014	<0.0057	U		<0.0091	U		<0.009	J	U	<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-21-5-102714	10/27/2014	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-21-5-012715	1/27/2015	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-21-5-042715	4/27/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-21-5-072015	7/20/2015	<0.0059	U		<0.0095	U		0.019			<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-21-5-102315	10/23/2015	<0.0054	U		<0.0086	U		0.011			<0.0037	U		0.0013	J		<0.037	U	U	<0.0069	U		<0.0069	U	
		VMP-21-5-012616	1/26/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	ND,UJ	UJ	<0.0076	U		<0.0076	U	
		VMP-21-5-042716	4/27/2016	<0.0058	U		<0.0093	U		0.0022	J		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-21-5-072616	7/26/2016	<0.0057	U		<0.0091	U		0.0081	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-21-5-102416	10/24/2016	<0.0057	U		<0.0091	U		0.0021	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011	<1.8	U		<2.9	U		<2.8	U		<1.2	U		<1.6	U		<12	U		<2.3	U		<2.3	U	
		VMP-21-10-041311	4/13/2011	0.051	J		<0.36	U		<0.36	U		<0.16	U		<0.2	U		<1.6	U		<0.29	U		<0.29	U	
		VMP-21-10-072511	7/25/2011	<0.012	J	U	<0.02	U		0.0087	J	J	<0.0086	U		0.031			<0.087	U		<0.016	U		<0.016	U	
		VMP-21-10-110111	11/1/2011	<0.0036	U		<0.0059	U		0.0059			0.0045			0.0073			<0.025	U		<0.0047	U		<0.0047	U	
		VMP-21-10-012312	1/23/2012	0.00052	J		<0.0066	U		0.0035	J		<0.0029	U		0.0062			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-21-10-040912	4/9/2012	0.0029	J		<0.006	U		<0.0059	U		<0.0026	U		0.059			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-21-10-071012	7/10/2012	<0.0043	U		<0.0069	U		0.0025	J		0.0038			<0.0038	J	U	<0.03	U		<0.0055	U		<0.0055	U	
		VMP-21-10-100412	10/4/2012	<0.006	U		<0.0097	U		0.0074	J		<0.0042	U		0.016			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-21-10-020513	2/5/2013	<0.0057	U		<0.0092	U		0.01			<0.004	U		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-21-10-020513-DUP	2/5/2013	<0.0054	U		<0.0086	U		0.0096			<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U	
		VMP-21-10-051013	5/10/2013	<0.0062	U		<0.01	U		0.0079	J		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-21-10-072313	7/23/2013	<0.0062	U		<0.0099	J	U	0.011			<0.0043	U		<0.0054	J	U	<0.043	U		<0.0079	U		<0.0079	U	
		VMP-21-10-102113	10/21/2013	<0.0056	U		<0.0091	U		0.009			<0.0039	U		<0.005	U		<0.039	J	U	<0.0072	U		<0.0072	U	
		VMP-21-10-022414	2/24/2014	<0.0049	U		<0.0079	U		<0.0078	J	U	<0.0034	U		<0.0044	J	U	<0.034	U		<0.0063	U		<0.0063	U	
		VMP-21-10-042114	4/21/2014	<0.0051	U		<0.0083	U		0.0037	J		<0.0036	U		0.00067	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-21-10-072814	7/28/2014	<0.0054	U		<0.0087	U		<0.0086	J	U	<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-21-10-102714	10/27/2014	<0.0059	U		<0.0095	U		0.0063	J		<0.0041	U		0.0011	J		<0.041	U		<0.0075	J	U	<0.0075	U	
		VMP-21-10-012715	1/27/2015	<0.0057	U		<0.0091	U		0.0018	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-21-10-042715	4/27/2015	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-21-10-072015	7/20/2015	<0.0057	U		<0.0092	U		0.016			<0.004	U		0.0039	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-21-10-102315	10/23/2015	<0.0059	U		<0.0096	U		0.024			<0.0041	U		0.0016	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-21-10-012616	1/26/2016	<0.0053	U		<0.0086	U		0.003	J		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-21-10-042716	4/27/2016	<0.0061	U		<0.0098	U		0.0028	J		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-21-10-072616	7/26/2016	<0.0059	U		<0.0095	U		0.0084	J		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-21-10-102416	10/24/2016	<0.01	U		<0.017	U		0.0073	J		<0.0073	U		0.0016	J		<0.073	U		<0.013	U		<0.013	U	
	25 ft	VMP-21-25-021011	2/10/2011	<5	U		<8	U		<7.9	U		<3.4	U		<4.4	U		<34	U		<6.4	U		<6.4	U	
		VMP-21-25-041411	4/14/2011	<17	U		<28	U		<28	U		<12	U	UJ	<15	U		<120	U		<22	U		<22	U	
		VMP-21-25-041411-DUP	4/14/2011	<17	U		<28	U		<28	U		<12	U	UJ	<15	U		<120	U		<22	U		<22	U	
		VMP-21-25-072611	7/26/2011	<5.6	U		<9.1	U		<9	U	UJ	<3.9	U		<5	U		<39	U		<7.2	U		<7.2	U	
		VMP-21-25-110511	11/5/2011	<3.6	U		<5.8	U		1.5	J		<2.5	U		2.4	J		<25	U		<4.6	U		<4.6	U	
		VMP-21-25-012412	1/24/2012	<0.049	U		<0.08	U		<0.079	U		<0.034	U		<0.044	U		<0.34	U		<0.063	U		<0.063	U	
		VMP-21-25-040912	4/9/2012	<0.0039	U		<0.0063	U		0.0074			0.0014	J		0.017			<0.027	U		<0.005	U		<0.005	U	
		VMP-21-25-071112	7/11/2012	<0.0039	U		<0.0063	U		0.0091			0.0013	J		0.0067			<0.027	U		<0.005	U		<0.005	U	
		VMP-21-25-100412	10/4/2012	<0.0062	U		<0.0099	U		0.039			<0.0043	U		0.0092			<0.043	U		<0.0079	U		<0.0079	U	
		VMP-21-25-020513	2/5/2013	<0.0055	U		<0.0088	U		0.1			<0.0038	U		<0.0049	J	U	<0.038	U		<0.007	U		<0.007	U	
		VMP-21-25-020513-DUP	2/5/2013	<0.0057	U		<0.0092	U		0.11			<0.004	U		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-21-25-051013	5/10/2013	<0.0063	U		<0.01	U		0.07			<0.0043	U		<0.0056	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-21-25-072313	7/23/2013	<0.0063	U		<0.01	J	U	0.045			0.0042	J		<0.0056	J	U	<0.044	U		<0.0081	U		<0.0081	U	
		VMP-21-25-102113	10/21/2013	<0.0058	U		<0.0093	U		0.026			<0.004	U		0.00027	J		<0.04	U	UJ	<0.0074	U		<0.0074	U	
		VMP-21-25-042114	4/21/2014	<0.0052	U		<0.0084	U		0.017			0.00098	J		0.00069	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-21-25-072814	7/28/2014	<0.0061	U		<0.0098	U		0.009	J		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-21-25-102714	10/27/2014	<0.0054	U		<0.0087	U		0.0075	J		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-21-25-012715	1/27/2015	<0.0057	U		<0.0092	U		0.0032	J		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-21-25-042715	4/27/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-21-25-072015	7/20/2015	<0.0058	U		<0.0093	U		0.0041	J		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-21-25-102315	10/23/2015	<0.0051	U		<0.0082	U		0.0052	J		<0.0035	U		0.00098	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-21-25-012616	1/26/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.005	U		<0.04	ND,UJ	UJ	<0.0073	U		<0.0073	U	
		VMP-21-25-042716	4/27/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.028			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-21-25-072616	7/26/2016	<0.0056	U		<0.0091	U		0.002	J		<0.0039	U		0.0015	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-21-25-102416	10/24/2016	<0.0054	U		<0.0086	U		0.0023	J		<0.0037	U		0.00052	J		<0.037	U		<0.0069	U		<0.0069	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-021011	2/10/2011	<5	U		<8	U		<7.9	U		<3.4	U		<4.4	U		<34	U		<6.4	U		<6.4	U	
		VMP-21-33-041411	4/14/2011	<17	U		<27	U		<27	U		<12	U	UJ	8.9	J		<120	U		<21	U		<21	U	
		VMP-21-33-110511	11/5/2011	<0.81	U		<1.3	U		0.35	J		<0.56	U		0.55	J		<5.7	U		<1	U		<1	U	
		VMP-21-33-012412	1/24/2012	<0.12	U		<0.19	U		<0.18	U		<0.081	U		0.033	J	J	<0.81	U		<0.15	U		<0.15	U	
		VMP-21-33-042412	4/24/2012	0.00092	J		<0.0064	U		0.012			<0.0028	U		0.0082			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-21-33-071112	7/11/2012	<0.0042	U		<0.0067	U		0.0022	J		0.0017	J		<0.0037	J	U	<0.029	U		<0.0053	U		<0.0053	U	
		VMP-21-33-100412	10/4/2012	<0.006	J	U	<0.0097	U		0.01			<0.0042	U		0.012			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-21-33-020513	2/5/2013	<0.0056	U		<0.0091	U		0.034			<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-21-33-051013	5/10/2013	<0.006	U		<0.0097	U		0.041			<0.0042	U		<0.0054	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-21-33-102113	10/21/2013	<0.0054	U		<0.0087	U		0.037			<0.0037	U		<0.0048	U		<0.038	J	U	<0.0069	U		<0.0069	U	
		VMP-21-33-102113-DUP	10/21/2013	<0.0062	U		<0.01	U		0.038			<0.0043	U		<0.0055	U		<0.043	U	UJ	<0.0079	U		<0.0079	U	
		VMP-21-33-022414	2/24/2014	<0.005	U		<0.0081	U		0.041			<0.0035	U		<0.0045	J	U	<0.035	U		<0.0065	U		<0.0065	U	
		VMP-21-33-022414-Dup	2/24/2014	<0.005	U		<0.0081	U		0.044			<0.0035	U		<0.0045	J	U	<0.035	U		<0.0065	U		<0.0065	U	
		VMP-21-33-042114	4/21/2014	<0.0055	U		<0.0088	U		0.034			0.0016	J		0.002	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-21-33-072814	7/28/2014	<0.0056	U		<0.0091	U		0.024			<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-21-33-102714	10/27/2014	<0.0057	U		<0.0092	U		0.024			<0.004	U		0.012			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-21-33-102714-DUP	10/27/2014	<0.006	U		<0.0097	U		0.024			<0.0042	U		0.014			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-21-33-012715	1/27/2015	<0.0054	U		<0.0086	U		0.02			<0.0037	U		0.0026	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-21-33-072015	7/20/2015	<0.006	U		<0.0097	U		0.02			<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-21-33-102315	10/23/2015	<0.0048	U		<0.0078	U		0.014			<0.0033	U		0.0012	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-21-33-102315-DUP	10/23/2015	<0.012	U		<0.02	U		0.018	J		<0.0084	U		<0.011	U		<0.085	U		<0.016	U		<0.016	U	
		VMP-21-33-042716	4/27/2016	<0.006	U		<0.0097	U		0.012			<0.0042	U		0.00066	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-21-33-072616	7/26/2016	<0.006	U		<0.0096	U		0.011			<0.0041	U		0.0012	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-21-33-102416	10/24/2016	<0.0057	U		<0.0091	U		0.0077	J		<0.0039	U		0.00061	J		<0.039	U		<0.0072	U		<0.0072	U	
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.11	U		<0.18	U		<0.17	U		<0.076	U		<0.097	U		<0.76	U		<0.14	U		<0.14	U	
		VMP-22-5-041811	4/18/2011	<0.054	U		<0.086	U		<0.085	U		<0.037	U	UJ	<0.047	U		<0.37	U		<0.069	U		<0.069	U	
		VMP-22-5-072611	7/26/2011	<0.0063	J	U	<0.01	U		<0.01	J	UJ	<0.0044	U		0.016			<0.044	J	U	<0.0081	U		<0.0081	U	
		VMP-22-5-110111	11/1/2011	<0.0036	U		<0.0058	U		<0.0057	U		<0.0025	U		0.011			<0.025	U		<0.0046	U		<0.0046	U	
		VMP-22-5-012412	1/24/2012	<0.0038	U		<0.0061	U		<0.006	U		<0.0026	U		0.023		J	<0.026	U		<0.0048	U		<0.0048	U	
		VMP-22-5-040912	4/9/2012	<0.0042	U		<0.0067	U		<0.0066	U		<0.0029	U		0.0058			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-22-5-070912	7/9/2012	<0.0046	U		<0.0074	U		<0.0074	U		<0.0032	U		0.01			<0.032	U		<0.0059	U		<0.0059	U	
		VMP-22-5-100312	10/3/2012	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0018	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-22-5-100312-Dup	10/3/2012	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		0.0066			<0.034	U		<0.0062	U		<0.0062	U	
		VMP-22-5-012413	1/24/2013	<0.0055	U		<0.0088	U		<0.0088	J	U	<0.0038	U		<0.0049	J	U	<0.038	J	U	<0.007	U		<0.007	U	
		VMP-22-5-041913	4/19/2013	<0.0054	U		<0.0087	U		<0.0086	J	U	<0.0037	U		0.0038	J		<0.038	J	U	<0.0069	U		<0.0069	U	
		VMP-22-5-072313	7/23/2013	<0.0068	J	U	<0.011	U		<0.011	J	U	<0.0047	U		<0.006	J	U	<0.047	U		<0.0087	U		<0.0087	U	
		VMP-22-5-072313-Dup	7/23/2013	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.006	J	U	<0.047	U		<0.0087	U		<0.0087	U	
		VMP-22-5-101813	10/18/2013	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	UJ	<0.0074	U		<0.0074	U	
		VMP-22-5-021314	2/13/2014	<0.0047	U		<0.0076	U		<0.0075	U		<0.0033	U		<0.0042	U		<0.033	U		<0.006	U		<0.006	U	
		VMP-22-5-042214	4/22/2014	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U	UJ	<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-22-5-072814	7/28/2014	<0.0057	U		<0.0092	U		<0.009	J	U	<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-22-5-102414	10/24/2014	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.022			<0.038	U		<0.0071	U		<0.0071	U	
		VMP-22-5-012715	1/27/2015	<0.0048	U		<0.0078	U		<0.0077	U		<0.0033	U		0.0058			<0.034	U		<0.0062	U		<0.0062	U	
		VMP-22-5-042715	4/27/2015	<0.011	U		<0.017	U		<0.017	U		<0.0074	U		0.022			<0.075	U		<0.014	U		<0.014	U	
		VMP-22-5-072015	7/20/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-22-5-012616	1/26/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-22-5-042616	4/26/2016	<0.0074	U		<0.012	U		<0.012	U		<0.0051	U		0.0022	J		<0.051	U		<0.0094	U		<0.0094	U	
		VMP-22-5-072216	7/22/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0061			<0.046	U		<0.0084	U		<0.0084	U	
		VMP-22-5-102716	10/27/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	J	U	<0.036	U		<0.0066	U		<0.0066	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011	<0.052	U		<0.084	U		<0.083	U		<0.036	U		<0.046	U		<0.36	U		<0.066	U		<0.066	U	
		VMP-22-10-041811	4/18/2011	<0.056	U		<0.09	U		<0.088	U		<0.038	U	UJ	<0.049	U		<0.39	U		<0.071	U		<0.071	U	
		VMP-22-10-072611	7/26/2011	0.0029	J		<0.01	U		<0.01	J	UJ	<0.0045	U		0.013			<0.045	J	U	<0.0083	U		<0.0083	U	
		VMP-22-10-072611-DUP	7/26/2011	0.0028	J		<0.012	U		<0.012	U	UJ	<0.0052	U		0.012			<0.053	J	U	<0.0097	U		<0.0097	U	
		VMP-22-10-110211	11/2/2011	<0.0036	U		<0.0059	U		<0.0058	U		<0.0025	U		0.006			<0.025	U		<0.0047	U		<0.0047	U	
		VMP-22-10-012412	1/24/2012	<0.0041	U		<0.0066	U		0.0033	J		0.0014	J		0.0071			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-22-10-040912	4/9/2012	<0.0041	U		<0.0066	U		<0.0065	U		<0.0028	U		0.0052			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-22-10-070912	7/9/2012	<0.0046	U		<0.0074	U		<0.0074	U		<0.0032	U		<0.0041	J	U	<0.032	U		<0.0059	U		<0.0059	U	
		VMP-22-10-070912-Dup	7/9/2012	<0.0045	U		<0.0073	U		<0.0072	U		<0.0031	U		0.0022	J		<0.031	U		<0.0058	U		<0.0058	U	
		VMP-22-10-100312	10/3/2012	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0063			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-22-10-012413	1/24/2013	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	J	U	<0.041	J	U	<0.0075	U		<0.0075	U	
		VMP-22-10-041913	4/19/2013	<0.0057	U		<0.0092	U		<0.009	J	U	<0.0039	U		0.011			<0.04	J	U	<0.0073	U		<0.0073	U	
		VMP-22-10-072313	7/23/2013	<0.0063	J	U	<0.01	U		<0.01	U		<0.0044	U		0.0051	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-22-10-101813	10/18/2013	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.00055	J		<0.041	U	UJ	<0.0076	U		<0.0076	U	
		VMP-22-10-021314	2/13/2014	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-22-10-042214	4/22/2014	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U	UJ	<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-22-10-072814	7/28/2014	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-22-10-102414	10/24/2014	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0012	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-22-10-012715	1/27/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.0021	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-22-10-042715	4/27/2015	<0.0052	U		<0.0084	U		<0.0083	U		0.0012	J		0.01			0.0017	J		<0.0067	U		<0.0067	U	
		VMP-22-10-072015	7/20/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0038	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-22-10-102315	10/23/2015	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0041	U		0.0016	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-22-10-012616	1/26/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-22-10-042616	4/26/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0023	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-22-10-072216	7/22/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0024	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-22-10-102716	10/27/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
	18 ft	VMP-22-18-021111	2/11/2011	<0.9	U		<1.4	U		<1.4	U		<0.63	U		0.34	J		<6.3	U		<1.2	U		<1.2	U	
		VMP-22-18-041811	4/18/2011	<3.8	U		<6.2	U		<6.1	U		<2.6	U	UJ	<3.4	U		<27	U		<4.9	U		<4.9	U	
		VMP-22-18-072611	7/26/2011	<2	U		<3.2	U		<3.1	U	UJ	<1.4	U		<1.7	U		<14	U		<2.5	U		<2.5	U	
		VMP-22-18-110511	11/5/2011	<0.0039	U		<0.0063	U		<0.0062	J	U	<0.0027	U		0.012			<0.027	U		<0.005	U		<0.005	U	
		VMP-22-18-012412	1/24/2012	<0.036	U		<0.058	U		<0.057	U		<0.025	U		<0.032	U		<0.25	U		<0.046	U		<0.046	U	
		VMP-22-18-040912	4/9/2012	<0.0043	U		<0.0069	U		<0.0068	U		<0.003	U		0.0038			<0.03	U		<0.0055	U		<0.0055	U	
		VMP-22-18-070912	7/9/2012	<0.0045	U		<0.0073	U		<0.0072	U		<0.0031	U		0.0029	J		<0.031	U		<0.0058	U		<0.0058	U	
		VMP-22-18-100412	10/4/2012	<0.0062	U		<0.0099	U		<0.0098	U		0.0066			0.0017	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-22-18-012413	1/24/2013	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0041	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U	
		VMP-22-18-042213	4/22/2013	<0.0061	U		<0.0098	U		<0.0097	J	U	0.00055	J		<0.0054	J	U	<0.043	J	U	<0.0078	U		<0.0078	U	
		VMP-22-18-072913	7/29/2013	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		0.0024	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-22-18-101813	10/18/2013	<0.0058	U		<0.0093	U		0.00066	J		<0.004	U		0.00036	J		<0.04	U	UJ	<0.0074	U		<0.0074	U	
		VMP-22-18-021314	2/13/2014	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-22-18-042214	4/22/2014	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	J	UJ	<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-22-18-072814	7/28/2014	<0.0055	U		<0.0088	U		0.011			0.0021	J		0.0013	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-22-18-102414	10/24/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0013	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-22-18-012715	1/27/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0059			<0.036	U		<0.0067	U		<0.0067	U	
		VMP-22-18-012715-DUP	1/27/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0043	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-22-18-042715	4/27/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0066			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-22-18-072015	7/20/2015	<0.0072	U		<0.012	U		<0.011	U		<0.005	U		0.0084			<0.05	U		<0.0092	U		<0.0092	U	
		VMP-22-18-102315	10/23/2015	<0.0056	U		<0.009	U		0.0051	J		<0.0039	U		0.0017	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-22-18-012616	1/26/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-22-18-042616	4/26/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0019	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-22-18-072216	7/22/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.00096	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-22-18-102716	10/27/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0018	J		<0.041	U		<0.0076	U		<0.0076	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	38 ft	VMP-22-38-041811	4/18/2011	<12	U		<19	U		<19	U		<8.1	U	UJ	<10	U		<82	U		<15	U		<15	U	
		VMP-22-38-012512	1/25/2012	<0.036	U		<0.058	U		<0.057	U		<0.025	U		<0.032	U		<0.25	U		<0.046	U		<0.046	U	
		VMP-22-38-040912	4/9/2012	<0.0042	U		<0.0067	U		<0.0066	U		0.0012	J		0.013			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-22-38-070912	7/9/2012	<0.0044	U		<0.0071	U		<0.007	U		<0.003	U		0.0028	J		<0.03	U		<0.0056	U		<0.0056	U	
		VMP-22-38-100412	10/4/2012	<0.0064	U		<0.01	U		0.011			<0.0045	U		0.0026	J		<0.045	J	U	<0.0083	U		<0.0083	U	
		VMP-22-38-012413	1/24/2013	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.004	U		<0.0051	J	U	<0.04	J	U	<0.0073	U		<0.0073	U	
		VMP-22-38-042213	4/22/2013	<0.0062	U		<0.01	U		<0.0099	J	U	<0.0043	U		0.011			<0.043	J	U	<0.008	U		<0.008	U	
		VMP-22-38-072913	7/29/2013	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0042	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-22-38-101813	10/18/2013	<0.0054	U		<0.0088	U		<0.0086	U		0.00048	J		0.00053	J		<0.038	U	UJ	<0.007	U		<0.007	U	
		VMP-22-38-021314	2/13/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-22-38-021314-Dup	2/13/2014	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		0.00059	J		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-22-38-042214	4/22/2014	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U	UJ	<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-22-38-072814	7/28/2014	<0.0057	U		<0.0092	U		<0.0091	U		0.0011	J		0.0026	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-22-38-072814-DUP	7/28/2014	<0.0057	U		<0.0092	U		<0.0091	J	U	0.0016	J		0.0018	J		<0.04	U		0.002	J		<0.0073	U	
		VMP-22-38-102414	10/24/2014	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-22-38-102414-DUP	10/24/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.00091	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-22-38-012715	1/27/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-22-38-042715	4/27/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-22-38-042715-DUP	4/27/2015	0.0013	J		0.0029	J		<0.0087	U		<0.0038	U		<0.0048	U		0.018	J		<0.007	U		<0.007	U	
		VMP-22-38-072015	7/20/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-22-38-072015-DUP	7/20/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-22-38-102315	10/23/2015	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.004	U		0.001	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-22-38-012616-DUP	1/26/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-22-38-042616	4/26/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		<0.0058	U		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-22-38-072216	7/22/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0016	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-22-38-072216-DUP	7/22/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0016	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-22-38-102716	10/27/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	J	U	<0.04	U		<0.0074	U		<0.0074	U	
		VMP-22-38-102716-Dup	10/27/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0068	U		<0.0068	U	
VMP-23	5 ft	VMP-23-5-021511	2/15/2011	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.013			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-23-5-042111	4/21/2011	<0.49	U		<0.079	U		<0.078	U		<0.034	U		<0.043	U		<0.34	U		<0.062	U		<0.062	U	
		VMP-23-5-072711	7/27/2011	0.0013	J		<0.0091	U		<0.009	U		<0.0039	U		0.037			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-23-5-110211	11/2/2011	<0.004	U		<0.0064	U		<0.0063	U		<0.0028	U		0.0098			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-23-5-012512	1/25/2012	<0.0034	U		<0.0054	U		0.0021	J		<0.0023	U		0.0043			<0.023	U		<0.0043	U		<0.0043	U	
		VMP-23-5-040912	4/9/2012	<0.0041	U		<0.0066	U		<0.0065	U		0.026			0.022			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-23-5-070912	7/9/2012	<0.0036	J	U	<0.0059	U		<0.0058	U		0.013			0.011			<0.025	U		<0.0047	U		<0.0047	U	
		VMP-23-5-100312	10/3/2012	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0013	J		<0.043	J	U	<0.0079	U		<0.0079	U	
		VMP-23-5-012413	1/24/2013	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	J	U	<0.037	J	U	<0.0067	U		<0.0067	U	
		VMP-23-5-042213	4/22/2013	<0.0058	U		<0.0094	U		<0.0093	J	U	<0.004	U		0.0085			<0.041	J	U	<0.0075	U		<0.0075	U	
		VMP-23-5-072313	7/23/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	J	U	<0.044	U		<0.0081	U		<0.0081	U	
		VMP-23-5-101813	10/18/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.00032	J		<0.042	U	UJ	<0.0077	U		<0.0077	U	
		VMP-23-5-021314	2/13/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-23-5-042114	4/21/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0051	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-23-5-080514	8/5/2014	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-23-5-102414	10/24/2014	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-23-5-012715	1/27/2015	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		<0.0058	U		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-23-5-042715	4/27/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.021			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-23-5-072015	7/20/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0021	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-23-5-102615	10/26/2015	<0.0048	U		<0.0077	U		<0.0076	J	U	<0.0033	U		0.0069			<0.033	U		<0.0061	U		<0.0061	U	
		VMP-23-5-012516	1/25/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		0.0038	J	J	<0.0076	U		<0.0076	U	
		VMP-23-5-062816	6/28/2016	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.00098	J		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-23-5-072216	7/22/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0009	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-23-5-101916	10/19/2016	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.00062	J		<0.038	U		<0.007	U		<0.007	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	<0.0058	U		<0.0094	U		0.0015	J		<0.004	U		0.0062			0.0094	J		<0.0074	U		<0.0074	U	
		VMP-23-10-042111	4/21/2011	<0.59	U		<0.095	U		<0.094	U		<0.041	U		0.25			<0.41	U		<0.075	U		<0.075	U	
		VMP-23-10-072711	7/27/2011	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-23-10-110211	11/2/2011	<0.0039	U		<0.0063	U		<0.0062	U		<0.0027	U		0.014			<0.027	U		<0.005	U		<0.005	U	
		VMP-23-10-012512	1/25/2012	<0.0033	U		<0.0053	U		0.0031	J		<0.0023	U		0.017			<0.023	U		<0.0042	U		<0.0042	U	
		VMP-23-10-040912	4/9/2012	<0.0042	U		<0.0067	U		<0.0066	U		<0.0029	U		0.011			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-23-10-040912-Dup	4/9/2012	<0.0042	U		<0.0067	U		0.0056	J		0.0029			0.013			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-23-10-070912	7/9/2012	<0.0033	J	U	<0.0053	U		<0.0052	U		0.0047			<0.0029	J	U	<0.023	U		<0.0042	U		<0.0042	U	
		VMP-23-10-100312	10/3/2012	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.0018	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-23-10-012413	1/24/2013	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	J	U	<0.037	U		<0.0067	U		<0.0067	U	
		VMP-23-10-042213	4/22/2013	<0.0056	U		<0.0091	U		0.0027	J		<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-23-10-072313	7/23/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0044	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-23-10-101813	10/18/2013	<0.0064	U		<0.01	U		<0.01	U		0.0008	J		0.0033	J		<0.045	U	UJ	<0.0082	U		<0.0082	U	
		VMP-23-10-101813-DUP	10/18/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.00027	J		<0.044	U	UJ	<0.0082	U		<0.0082	U	
		VMP-23-10-021314	2/13/2014	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-23-10-042114	4/21/2014	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0013	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-23-10-080514	8/5/2014	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0058	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-23-10-102414	10/24/2014	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0012	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-23-10-012715	1/27/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.0026	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-23-10-042715	4/27/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-23-10-072015	7/20/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-23-10-102615	10/26/2015	<0.0056	U		<0.0091	U		<0.009	J	U	<0.0039	U		0.00095	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-23-10-012516	1/25/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-23-10-062816	6/28/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0021	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-23-10-072216	7/22/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-23-10-101916	10/19/2016	0.00072	J		<0.0084	U		<0.0083	U		<0.0036	U		0.01			<0.036	U		<0.0066	U		<0.0066	U	
	25 ft	VMP-23-25-021511	2/15/2011	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0011	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-23-25-042111	4/21/2011	<0.55	U		<0.088	U		<0.088	U		<0.038	U		<0.049	U		<0.38	U		<0.07	U		<0.07	U	
		VMP-23-25-072711	7/27/2011	0.0021	J		<0.0099	U		<0.0098	U		<0.0043	U		0.016			0.012	J		<0.0079	U		<0.0079	U	
		VMP-23-25-110511	11/5/2011	<0.0039	U		<0.0063	U		<0.0062	J	U	<0.0027	U		0.015			<0.027	U		<0.005	U		<0.005	U	
		VMP-23-25-012512	1/25/2012	<0.0035	U		<0.0056	U		0.0026	J		<0.0024	U		0.019			<0.024	U		<0.0045	U		<0.0045	U	
		VMP-23-25-040912	4/9/2012	0.013			<0.0066	U		<0.0065	U		0.044			0.25			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-23-25-071012	7/10/2012	<0.0052	J	U	<0.0084	U		<0.0083	U		0.01			0.0058			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-23-25-100312	10/3/2012	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0018	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-23-25-012413	1/24/2013	<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U	
		VMP-23-25-042213	4/22/2013	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0041	U		0.007			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-23-25-072313	7/23/2013	0.0018	J		<0.0095	U		<0.0094	U		<0.0041	U		0.026			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-23-25-102113	10/21/2013	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0004	J		<0.04	J	U	<0.0073	U		<0.0073	U	
		VMP-23-25-021314	2/13/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-23-25-042114	4/21/2014	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-23-25-080514	8/5/2014	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-23-25-102414	10/24/2014	<0.0056	U		<0.009	U		0.0024	J		<0.0038	U		<0.0049	J	U	<0.039	U		<0.0071	U		<0.0071	U	
		VMP-23-25-012715	1/27/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-23-25-042715	4/27/2015	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-23-25-072015	7/20/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0019	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-23-25-102615	10/26/2015	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.004	U		0.001	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-23-25-012516	1/25/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-23-25-062816	6/28/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.00084	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-23-25-072216	7/22/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0056	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-23-25-101916	10/19/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
	40 ft	VMP-23-40-071012	7/10/2012	<0.0044	J	U	<0.0071	U		<0.007	U		<0.003	U		0.0058			<0.03	U		<0.0056	U		<0.0056	U	
		VMP-23-40-100312	10/3/2012	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0022	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-23-40-012413	1/24/2013	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-23-40-042213	4/22/2013	<0.006	U		<0.0097	U		<0.0096	J	U	<0.0042	U		0.0082			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-23-40-042213-Dup	4/22/2013	<0.006	U		<0.0097	U		<0.0096	J	U	<0.0042	U		0.0062			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-23-40-102113	10/21/2013	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	J	U	0.00034	J		<0.0077	U	
		VMP-23-40-021314	2/13/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-23-40-042114	4/21/2014	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		0.0029	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-23-40-080514	8/5/2014	0.0029	J		<0.0088	U		0.014			<0.0038	U		0.07			<0.038	U		<0.007	U		0.0016	J	
		VMP-23-40-102414	10/24/2014	<0.0056	U		<0.0091	U		0.003	J		<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-23-40-012715	1/27/2015	<0.0059	U		<0.0095	U		<0.0094	U		0.018			<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-23-40-042715	4/27/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	J	U	<0.0083	U		<0.0083	U	
		VMP-23-40-072015	7/20/2015	<0.0056	U		<0.0091	U		0.0033	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-23-40-102615	10/26/2015	<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0037	U		0.0014	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-23-40-102615-DUP	10/26/2015	<0.0056	U		<0.0091	U		<0.009	J	U	<0.0039	U		<0.005	J	U	<0.039	J	U	<0.0072	U		<0.0072	U	
		VMP-23-40-012516	1/25/2016	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-23-40-072216	7/22/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-021611	2/16/2011	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U	
		VMP-24-5-040811	4/8/2011	<0.064	U		<0.1	U		<0.1	U		<0.044	U		<0.057	U		<0.45	U		<0.082	U		<0.082	U	
		VMP-24-5-072811	7/28/2011	0.0018	J		<0.0097	U		<0.0096	U		<0.0042	U		0.045			0.0082	J		<0.0077	U		<0.0077	U	
		VMP-24-5-110211	11/2/2011	<0.004	U		<0.0064	U		<0.0063	U		<0.0028	U		0.0068			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-24-5-110211-DUP	11/2/2011	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0069			<0.038	U		<0.0071	U		<0.0071	U	
		VMP-24-5-012512	1/25/2012	<0.0034	U		<0.0055	U		<0.0055	U		0.00072	J		0.011			<0.024	U		<0.0044	U		<0.0044	U	
		VMP-24-5-040912	4/9/2012	0.0044			<0.0066	U		<0.0065	U		0.038			0.045			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-24-5-071212	7/12/2012	<0.0039	J	U	<0.0063	U		<0.0062	U		0.0057			0.053			<0.027	U		<0.005	U		<0.005	U	
		VMP-24-5-101912	10/19/2012	<0.006	U		<0.0097	U		0.004	J		<0.0042	U		0.0023	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-24-5-012313	1/23/2013	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U	
		VMP-24-5-050113	5/1/2013	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-24-5-073113	7/31/2013	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0012	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-24-5-102113	10/21/2013	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.00027	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-24-5-020614	2/6/2014	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-24-5-042114	4/21/2014	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-24-5-072814	7/28/2014	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0017	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-24-5-102714	10/27/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.002	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-24-5-020215	2/2/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-24-5-042715	4/27/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-24-5-072115	7/21/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0012	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-24-5-102915	10/29/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-24-5-012716	1/27/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0017	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-24-5-042916	4/29/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.00078	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-24-5-072716	7/27/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.002	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-24-5-102816	10/28/2016	<0.0046	U		<0.0074	U		<0.0073	U		<0.0032	U		0.0053			<0.032	U		<0.0059	U		<0.0059	U	
	10 ft	VMP-24-10-021711	2/17/2011	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-24-10-041111	4/11/2011	<0.011	U		<0.017	U		0.0033	J		<0.0074	U		0.0025	J		<0.075	U		<0.014	U		<0.014	U	
		VMP-24-10-072811	7/28/2011	0.0019	J		<0.0095	U		<0.0094	U		<0.0041	U		0.024			0.0052	J		<0.0075	U		<0.0075	U	
		VMP-24-10-110211	11/2/2011	<0.0035	U		<0.0056	U		<0.0056	U		<0.0024	U		0.012			<0.024	U		<0.0045	U		<0.0045	U	
		VMP-24-10-012512	1/25/2012	<0.0033	U		<0.0053	U		<0.0052	U		<0.0023	U		0.0045			<0.023	U		<0.0042	U		<0.0042	U	
		VMP-24-10-041012	4/10/2012	<0.0039	U		<0.0063	U		<0.0062	U		0.022			0.076			<0.027	U		<0.005	U		<0.005	U	
		VMP-24-10-071212	7/12/2012	<0.0045	J	U	<0.0073	U		<0.0072	U		0.0019	J		0.049			<0.031	U		<0.0058	U		<0.0058	U	
		VMP-24-10-100912	10/9/2012	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0042	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-24-10-012313	1/23/2013	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0041	U		0.0013	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-24-10-042513	4/25/2013	<0.022	U		<0.036	U		<0.036	U		<0.016	U		<0.02	U		<0.16	U		<0.029	U		<0.029	U	
		VMP-24-10-073113	7/31/2013	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0013	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-24-10-102113	10/21/2013	<0.0059	U		<0.0095	U		<0.0094	U		0.0018	J		0.001	J		<0.041	J	U	<0.0076	U		<0.0076	U	
		VMP-24-10-020614	2/6/2014	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-24-10-042114	4/21/2014	<0.0054	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-24-10-072814	7/28/2014	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0012	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-24-10-102714	10/27/2014	<0.0051	U		<0.0082	U		0.002	J		<0.0035	U		0.0026	J		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-24-10-020215	2/2/2015	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-24-10-042715	4/27/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-24-10-072115	7/21/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-24-10-102915	10/29/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-24-10-012716	1/27/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-24-10-042916	4/29/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.00091	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-24-10-072716	7/27/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-24-10-102816	10/28/2016	<0.0044	U		<0.0071	U		0.0032	J		<0.003	U		0.0052			<0.031	U		<0.0056	U		<0.0056	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	<0.0057	U		<0.0092	U		0.0014	J		<0.004	U		0.0049	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-24-22-041111	4/11/2011	<0.0054	U		<0.0086	U		0.0025	J		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-24-22-072811	7/28/2011	0.0014	J		<0.0086	U		<0.0085	U		<0.0037	U		0.006			0.0039	J		<0.0069	U		<0.0069	U	
		VMP-24-22-072811-Dup	7/28/2011	0.0013	J		<0.0099	U		<0.0098	U		0.0042			0.009			<0.043	U		<0.0079	U		<0.0079	U	
		VMP-24-22-110611	11/6/2011	0.00052	J		<0.006	U		<0.0059	J	U	<0.0026	U		0.011			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-24-22-012512	1/25/2012	<0.0035	U		<0.0056	U		<0.0056	U		<0.0024	U		0.0034			<0.024	U		<0.0045	U		<0.0045	U	
		VMP-24-22-041012	4/10/2012	<0.0038	U		<0.0061	U		<0.0061	U		0.032			0.066			0.015	J		<0.0049	U		<0.0049	U	
		VMP-24-22-071212	7/12/2012	<0.0046	J	U	<0.0074	U		<0.0074	U		0.0012	J		0.034			<0.032	U		<0.0059	U		<0.0059	U	
		VMP-24-22-100912	10/9/2012	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-24-22-012313	1/23/2013	<0.006	U		<0.0097	U		<0.0096	J	U	<0.0042	U		<0.0053	J	U	<0.042	U		<0.0077	U		<0.0077	U	
		VMP-24-22-042513	4/25/2013	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0064			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-24-22-042513-Dup	4/25/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0037	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-24-22-073113	7/31/2013	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.0025	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-24-22-102213	10/22/2013	<0.0053	U		<0.0086	U		0.00057	J		<0.0037	U		0.0035	J		<0.037	J	U	<0.0068	U		<0.0068	U	
		VMP-24-22-020614	2/6/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-24-22-042114	4/21/2014	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		0.0016	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-24-22-072814	7/28/2014	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.00074	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-24-22-102714	10/27/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0025	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-24-22-020215	2/2/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-24-22-042715	4/27/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-24-22-072115	7/21/2015	<0.0056	U	UJ	<0.0091	U	UJ	<0.009	U	UJ	<0.0039	U	UJ	<0.005	U	UJ	<0.039	U	UJ	<0.0072	U	UJ	<0.0072	U	UJ
		VMP-24-22-082415	8/24/2015	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-24-22-082415-DUP	8/24/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-24-22-102915	10/29/2015	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.0012	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-24-22-012716	1/27/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-24-22-042916	4/29/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.0018	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-24-22-072716	7/27/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-24-22-102816	10/28/2016	<0.0047	U		<0.0075	U		<0.0074	U		<0.0032	U		<0.0041	J	U	<0.032	U		<0.006	U		<0.006	U	
	34 ft	VMP-24-34-021711	2/17/2011	<0.0057	U		<0.0092	U		<0.0091	U		0.0014	J		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-24-34-041111	4/11/2011	<0.0052	U		<0.0083	U		0.0021	J		<0.0036	U		0.00092	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-24-34-072811	7/28/2011	0.0015	J		<0.0073	U		<0.0072	U		<0.0031	U		0.0081			<0.032	U		<0.0058	U		<0.0058	U	
		VMP-24-34-110611	11/6/2011	<0.0029	U		<0.0047	U		<0.0046	J	U	0.002	J		0.027			<0.02	U		<0.0037	U		<0.0037	U	
		VMP-24-34-012512	1/25/2012	<0.0036	U		<0.0058	U		<0.0057	U		<0.0025	U		0.0051			0.0045	J		<0.0046	U		<0.0046	U	
		VMP-24-34-041012	4/10/2012	0.0012	J		<0.0064	U		<0.0063	U		0.0033			0.02			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-24-34-071212	7/12/2012	<0.0038	J	U	<0.0061	U		<0.0061	U		0.0013	J		0.038			<0.026	U		<0.0049	U		<0.0049	U	
		VMP-24-34-100912	10/9/2012	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0019	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-24-34-012313	1/23/2013	<0.0062	U		<0.0099	U		<0.0098	J	U	<0.0043	U		<0.0054	J	U	<0.043	U		<0.0079	U		<0.0079	U	
		VMP-24-34-050613	5/6/2013	<0.0068	U		<0.011	U		<0.011	J	U	<0.0047	U		0.034			<0.047	J	U	<0.0087	U		<0.0087	U	
		VMP-24-34-073113	7/31/2013	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-24-34-073113-Dup	7/31/2013	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-24-34-102213	10/22/2013	<0.0058	U		<0.0094	U		0.0058	J		<0.004	U		0.0016	J		<0.041	U	UJ	<0.0075	U		<0.0075	U	
		VMP-24-34-020614	2/6/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0031	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-24-34-042114	4/21/2014	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-24-34-072814	7/28/2014	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0041	U		0.0033	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-24-34-072814-DUP	7/28/2014	<0.0064	U		<0.01	U		<0.01	U		0.002	J		0.0016	J		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-24-34-102714	10/27/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-24-34-102714-DUP	10/27/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U	
		VMP-24-34-020215	2/2/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0015	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-24-34-020215-DUP	2/2/2015	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0018	J		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-24-34-042715	4/27/2015	<0.0075	U		<0.012	U		<0.012	U		<0.0052	U		<0.0066	U		<0.052	U		<0.0096	U		<0.0096	U	
		VMP-24-34-072115	7/21/2015	<0.0057	U		<0.0092	U		0.0015	J		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-24-34-072115-DUP	7/21/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-24-34-102915	10/29/2015	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0023	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-24-34-012716	1/27/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-24-34-042916	4/29/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0011	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-24-34-072716	7/27/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.00096	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-24-34-072716-DUP	7/27/2016	<0.0047	U		<0.0076	U		0.0035	J		<0.0033	U		0.00098	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-24-34-102816	10/28/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	J	U	<0.043	U		<0.0079	U		<0.0079	U	
		VMP-24-34-102816-Dup	10/28/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	<0.052	U		<0.083	U		<0.082	U		<0.036	U		0.042	J		<0.36	U	UJ	<0.066	U		<0.066	U	
		VMP-25-5-040811	4/8/2011	<0.023	U		<0.038	U		<0.037	U		<0.016	U		0.0071	J		<0.16	U		<0.03	U		<0.03	U	
		VMP-25-5-080911	8/9/2011	0.0052			<0.008	U		0.0057	J		<0.0034	U		1			<0.034	J	U	<0.0064	U		<0.0064	U	
		VMP-25-5-111711	11/17/2011	<0.0036	U		<0.0058	U		<0.0057	U		<0.0025	U		0.0026	J		<0.025	U		<0.0046	U		<0.0046	U	
		VMP-25-5-013112	1/31/2012	<0.026	U		<0.042	U		0.0068	J		<0.018	U		0.012	J		<0.18	U		<0.033	U		<0.033	U	
		VMP-25-5-042512	4/25/2012	0.001	J		<0.0066	U		<0.0065	J	U	0.0058			0.019			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-25-5-072612	7/26/2012	0.0037	J		<0.022	U		0.0084	J		<0.0097	U		0.042			<0.098	U		<0.018	U		<0.018	U	
		VMP-25-5-102612	10/26/2012	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0036	J		<0.1	U	UJ	<0.0073	U		<0.0073	U	
		VMP-25-5-030613	3/6/2013	<0.0055	U		<0.0088	U	UJ	<0.0087	J	U	0.0008	J		0.0053			<0.038	J	U	<0.007	U		<0.007	U	
		VMP-25-5-051713	5/17/2013	<0.0058	U		<0.0094	U		0.0017	J		<0.004	U		0.0023	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-25-5-081513	8/15/2013	<0.0071	U		<0.011	U		<0.011	U		<0.0049	U		0.007			<0.049	U		<0.009	U		<0.009	U	
		VMP-25-5-081513-Dup	8/15/2013	<0.0059	U		<0.0096	U		0.0023	J		<0.0041	U		0.0051	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-25-5-111313	11/13/2013	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0019	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-25-5-050114	5/1/2014	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-25-5-081414	8/14/2014	<0.006	U		<0.0097	U		0.0082	J		<0.0042	U	UJ	<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-25-5-110514	11/5/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-25-5-021115	2/11/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.086			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-25-5-050715	5/7/2015	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-25-5-073015	7/30/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-25-5-110515	11/5/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0042	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-25-5-021616	2/16/2016	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-25-5-050416	5/4/2016	<0.1	U		<0.17	U		<0.16	U		<0.072	U		0.029	J		<0.72	U		<0.13	U		<0.13	U	
		VMP-25-5-080316	8/3/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.0023	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-25-5-103116	10/31/2016	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.00066	J		<0.036	U		<0.0066	U		<0.0066	U	
	21 ft	VMP-25-21-031511	3/15/2011	1.4	J		<16	U		<16	U		<7	U		27			<70	U		<13	U		<13	U	
		VMP-25-21-031511-DUP	3/15/2011	<13	U		<21	U		<20	U		<8.9	U		16			<90	U		<16	U		<16	U	
		VMP-25-21-040811	4/8/2011	<110	U		<170	U		<170	U		<74	U		12	J		<750	U		<140	U		<140	U	
		VMP-25-21-040811-DUP	4/8/2011	<110	U		<180	U		<170	U		<75	U		<96	U		<760	U		<140	U		<140	U	
		VMP-25-21-080911	8/9/2011	<35	U		<57	U		270			<24	U		1200			<240	U		80			<45	U	
		VMP-25-21-111711	11/17/2011	<48	U		<77	U		<76	U		<33	U		<42	U		<330	U		<61	U		<61	U	
		VMP-25-21-111711-DUP	11/17/2011	<71	U		<110	U		<110	U		<49	U		<62	U		<490	U		<90	U		<90	U	
		VMP-25-21-013112	1/31/2012	<25	U		<40	U		<40	U		<17	U		<22	U		<170	U		<32	U		<32	U	
		VMP-25-21-013112-DUP	2/1/2012	<23	U		<37	U		<37	U		<16	U		<20	U		<160	U		<30	U		<30	U	
		VMP-25-21-042512	4/25/2012	<16	U		<26	U		<25	U		<11	U		<14	U		<110	U		<20	U		<20	U	
		VMP-25-21-072612	7/26/2012	<27	U		<43	U		<43	U		<18	U		2.4	J		<190	U		<34	U		<34	U	
		VMP-25-21-102612	10/26/2012	<160	U		<260	U		<260	U		<110	U		<140	U		<1100	U	UJ	<210	U		<210	U	
		VMP-25-21-030613	3/6/2013	<41	U		<66	U	UJ	<65	U		<28	U		4.2	J		<280	U		<52	U		<52	U	
		VMP-25-21-051713	5/17/2013	<29	U		<47	U		<46	U		<20	U		14	J		<200	U		<37	U		<37	U	
		VMP-25-21-081513	8/15/2013	<15	U		<24	U		<23	U		<10	U		4.2	J		<100	U		<19	U		<19	U	
		VMP-25-21-111313	11/13/2013	<39	U		<62	U		<62	U		<27	U		7.1	J		<270	U		<50	U		<50	U	
		VMP-25-21-111313-Dup	11/13/2013	<39	U		<62	U		<62	U		<27	U		8.4	J		<270	U		<50	U		<50	U	
		VMP-25-21-050114	5/1/2014	<27	U		<43	U		<43	U		<18	U		18	J		<190	U		<34	U		<34	U	
		VMP-25-21-081414	8/14/2014	<5.6	U		<9	U		<8.9	U		<3.9	U	UJ	0.83	J		<39	U		<7.2	U		<7.2	U	
		VMP-25-21-110514	11/5/2014	<1.7	U		<2.8	U		<2.8	U		<1.2	U		<1.5	U		<12	U		<2.2	U		<2.2	U	
		VMP-25-21-021115	2/11/2015	<2.6	U		<4.2	U		<4.2	U		<1.8	U		<2.3	U		<18	U		<3.4	U		<3.4	U	
		VMP-25-21-050715	5/7/2015	<5.1	U		<8.3	U					<3.6	U		3.1	J		<36	U		<6.6	U		<6.6	U	
		VMP-25-21-073015	7/30/2015	<1.4	U		<2.2	U		<2.2	U		<0.95	U		0.38	J		<9.5	U		<1.8	U		<1.8	U	
		VMP-25-21-110515	11/5/2015	<1.2	U		<2	U		<1.9	U		<0.84	U		1.6			<8.5	U	UJ	<1.6	U		<1.6	U	
		VMP-25-21-050416	5/4/2016	<0.064	U		<0.1	U		<0.1	U		<0.045	U		<0.057	U		<0.45	U		<0.083	U		<0.083	U	
		VMP-25-21-080316	8/3/2016	<0.006	U		<0.0097	U		<0.0096	U		0.0025	J		0.0019	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-25-21-103116	10/31/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-25-21-103116-Dup	10/31/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0011	J		<0.036	U		<0.0066	U		<0.0066	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	31 ft	VMP-25-31-030613	3/6/2013	<54	U		<87	U		10	J		<37	U		12	J		<380	U		<69	U		<69	U	
		VMP-25-31-081513	8/15/2013	<28	U		<46	U		<45	U		<20	U		<25	U		<200	U		<36	U		<36	U	
		VMP-25-31-111313	11/13/2013	<40	U		<65	U		<64	U		<28	U		8.4	J		<280	U		<52	U		<52	U	
		VMP-25-31-050114	5/1/2014	<25	U		<40	U		<39	U		<17	U		24			<170	U		<32	U		<32	U	
		VMP-25-31-081414	8/14/2014	<6.1	U		<9.9	U		<9.8	U		<4.2	U	UJ	<5.4	U		<43	U		<7.8	U		<7.8	U	
		VMP-25-31-110514	11/5/2014	<2.8	U		<4.5	U		<4.5	U		<1.9	U		0.27	J		<20	U		<3.6	U		<3.6	U	
		VMP-25-31-021115	2/11/2015	<2.5	U		<4	U		<4	U		<1.7	U		<2.2	U		<18	U		<3.2	U		<3.2	U	
		VMP-25-31-021115-DUP	2/11/2015	<2.5	U		<4	U		<4	U		<1.7	U		<2.2	U		<17	U		<3.2	U		<3.2	U	
		VMP-25-31-050715	5/7/2015	<6.9	U		<11	U		<11	U		<4.8	U		4.6	J		<48	U		<8.9	U		<8.9	U	
		VMP-25-31-050715-DUP	5/7/2015	<6.7	U		<11	U		<11	U		<4.6	U		3.9	J		<47	U		<8.6	U		<8.6	U	
		VMP-25-31-073015	7/30/2015	<1.6	U		<2.6	U		<2.6	U		<1.1	U		<1.4	U		<11	U		<2	U		<2	U	
		VMP-25-31-073015-DUP	7/30/2015	<1.4	U		<2.3	U		<2.2	U		<0.98	U		<1.2	U		<9.9	U		<1.8	U		<1.8	U	
		VMP-25-31-110515	11/5/2015	<1.2	U		<1.9	U		<1.8	U		<0.8	U		0.22	J		<8	U	UJ	<1.5	U		<1.5	U	
		VMP-25-31-021616	2/16/2016	0.26	J	J	<2.8	U		<2.8	U		<1.2	U		0.89	J		<12	U		<2.2	U		<2.2	U	
		VMP-25-31-021616-DUP	2/16/2016	<2.7	U		<4.4	U		<4.3	U		<1.9	U		0.95	J		<19	U		<3.5	U		<3.5	U	
		VMP-25-31-050416	5/4/2016	<3	U		<4.8	U		<4.7	U		<2.1	U		2.5	J		<21	U		<3.8	U		<3.8	U	
		VMP-25-31-080316	8/3/2016	<0.11	U		<0.18	U		<0.18	U		<0.079	U		<0.1	U		<0.8	U		<0.15	U		<0.15	U	
		VMP-25-31-080316-DUP	8/3/2016	<0.1	U		<0.16	U		<0.16	U		<0.07	U		<0.09	U		<0.71	U		<0.13	U		<0.13	U	
		VMP-25-31-103116	10/31/2016	<0.052	U		<0.083	U		<0.082	U		<0.036	U		<0.046	U		<0.36	ND,UJ	UJ	<0.066	U		<0.066	U	
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	<0.045	U		<0.073	U		<0.072	U		8.6			0.055			<0.31	U		<0.058	U		<0.058	U	
		VMP-29-10-100812	10/8/2012	<0.08	U		<0.13	U		<0.13	U		14			0.016	J		<0.56	U		<0.1	U		<0.1	U	
		VMP-29-10-020613	2/6/2013	<0.006	U		<0.0097	U		<0.0096	J	U	0.29			<0.0053	J	U	<0.042	U		<0.0077	U		<0.0077	U	
		VMP-29-10-050613	5/6/2013	<0.0058	U		<0.0094	U		<0.0092	J	U	0.6			<0.0051	J	U	<0.04	J	U	<0.0074	U		<0.0074	U	
		VMP-29-10-080513	8/5/2013	<0.0057	U		<0.0092	U		<0.009	U		0.78			0.0095			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-29-10-083013	8/30/2013	0.0015	J		<0.01	U		<0.01	U		1.5			0.029			<0.044	UJ	UJ	<0.0081	U		<0.0081	U	
		VMP-29-10-102513	10/25/2013	<0.0058	U		<0.0093	U		<0.0092	U		0.11			0.00036	J		<0.04	U	UJ	<0.0074	U		<0.0074	U	
		VMP-29-10-021214	2/12/2014	<0.0051	U		<0.0082	U		<0.0081	U		0.009			0.0025	J		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-29-10-042914	4/29/2014	<0.0058	U		<0.0094	U		<0.0092	U		0.19			0.0015	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-29-10-081214	8/12/2014	<0.0061	U		<0.0099	U		<0.0098	U		0.68			0.0016	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-29-10-110314	11/3/2014	<0.0059	U		<0.0095	U		<0.0094	U		0.097			0.001	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-29-10-020515	2/5/2015	<0.0056	U		<0.0091	U		<0.009	U		0.018			<0.0058		U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-29-10-050615	5/6/2015	<0.0061	U		<0.0099	U		<0.0098	U		0.33		J	0.0014	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-29-10-072715	7/27/2015	<0.0058	U		<0.0093	U		<0.0092	U		0.2			0.0059			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-29-10-103015	10/30/2015	<0.0056	U		<0.009	U		0.0033	J		0.05			0.017			<0.039	U		<0.0071	U		<0.0071	U	
		VMP-29-10-012716	1/27/2016	<0.0055	U		<0.0088	U		<0.0088	U		0.02			<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-29-10-050216	5/2/2016	<0.0058	U		<0.0093	U		<0.0092	U		0.1			0.0049	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-29-10-072816	7/28/2016	<0.0062	U		<0.0099	U		<0.0098	U		0.92			0.00098	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-29-10-120916	12/9/2016	<0.0052	U		<0.0084	U		<0.0083	U		0.055	J0	J	0.0016	J		<0.036	U		<0.0067	U		<0.0067	U	
	20 ft	VMP-29-20-073012	7/30/2012	<0.53	U		<0.86	U		<0.85	U		190			0.045	J		<3.7	U		<0.68	U		<0.68	U	
		VMP-29-20-073012-Dup	7/30/2012	<0.5	U		<0.8	U		<0.79	U		170			0.041	J		<3.5	U		<0.64	U		<0.64	U	
		VMP-29-20-100812	10/8/2012	<0.08	U		<0.13	U		<0.13	U		20			0.023	J		<0.56	U		<0.1	U		<0.1	U	
		VMP-29-20-020613	2/6/2013	<0.0059	U		<0.0095	U		<0.0094	J	U	0.2			0.0019	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-29-20-050613	5/6/2013	<0.024	U		<0.038	U		<0.038	U		2.3			<0.021	J	U	<0.16	U		<0.03	U		<0.03	U	
		VMP-29-20-080513	8/5/2013	<0.03	U		<0.048	U		<0.047	U		3.8			0.0061	J		<0.21	U		<0.038	U		<0.038	U	
		VMP-29-20-102513	10/25/2013	<0.0099	U		<0.016	U		<0.016	U		0.47			0.0049	J		<0.069	U		<0.013	U		<0.013	U	
		VMP-29-20-021214	2/12/2014	<0.0054	U		<0.0088	U		<0.0086	U		0.012			0.0016	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-29-20-042914	4/29/2014	<0.0052	U		<0.0084	U		<0.0083	U		0.52			0.0042	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-29-20-081214	8/12/2014	<0.006	U		<0.0097	U		<0.0096	U		3.1			<0.0054	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-29-20-110314	11/3/2014	<0.0059	U		<0.0095	U		<0.0094	U		0.26			0.0014	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-29-20-020515	2/5/2015	<0.0057	U		<0.0092	U		<0.0091	U		0.14			<0.0055		U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-29-20-050615	5/6/2015	<0.0062	U		<0.01	U		<0.0098	U		0.34		J	0.0019	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-29-20-072715	7/27/2015	<0.0076	U		<0.012	U		<0.012	U		0.23			0.0068			<0.053	U		<0.0097	U		<0.0097	U	
		VMP-29-20-103015	10/30/2015	<0.0057	U		<0.0092	U		<0.009	U		0.004			0.014			<0.04	U		<0.0073	U		<0.0073	U	
	18 ft	VMP-29-20-020416-R	2/4/2016	<0.0066	U		<0.011	U		<0.01	U		0.17			0.0024	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-29-20-050216	5/2/2016	<0.0056	U		<0.009	U		<0.0089	U		0.89			0.00097	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-29-20-072816	7/28/2016	<0.012	U		<0.019	U		0.0092	J		2.1			0.0045	J		<0.084	U		<0.015	U		<0.015	U	
		VMP-29-18-110316	11/3/2016	<0.011	U		<0.018	U		<0.018	U		1.7			<0.0099	J	U	<0.078	U		<0.014	U		<0.014	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	26 ft	VMP-29-30-073012	7/30/2012	<0.088	U		<0.14	U		<0.14	U		48			0.06	J		<0.61	U		<0.11	U		<0.11	U	
		VMP-29-30-100812	10/8/2012	0.12	J		<0.64	U		<0.63	U		47			0.55			<2.7	U		<0.5	U		<0.5	U	
		VMP-29-30-020613	2/6/2013	<0.0062	U		<0.0099	U		<0.0098	J	U	0.78			<0.0054	J	U	<0.043	U		<0.0079	U		<0.0079	U	
		VMP-29-30-050613	5/6/2013	<0.02	U		<0.033	U		<0.033	U		2			0.0034	J		<0.14	U		<0.026	U		<0.026	U	
		VMP-29-30-080513	8/5/2013	<0.031	U		<0.05	U		<0.05	U		5.4			<0.028	U		<0.22	U		<0.04	U		<0.04	U	
		VMP-29-30-080513-Dup	8/5/2013	<0.051	U		<0.082	U		<0.081	U		5.4			<0.045	U		<0.35	U		<0.065	U		<0.065	U	
		VMP-29-30-102513	10/25/2013	<0.0079	U		<0.013	U		<0.012	U		0.76			0.0017	J		<0.055	U		<0.01	U		<0.01	U	
		VMP-29-30-021214	2/12/2014	<0.0049	U		<0.008	U		<0.0079	U		0.0031	J		0.00055	J		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-29-30-042914	4/29/2014	<0.0058	U		<0.0093	U		<0.0092	U		0.5			0.0014	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-29-30-081214	8/12/2014	<0.042	U		<0.068	U		<0.067	U		6.7			<0.037	U		<0.29	U		<0.054	U		<0.054	U	
		VMP-29-30-111214-R	11/12/2014	<0.0052	J	U	<0.0084	U		<0.0083	U		0.0082			0.0039	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-29-30-111214-R-DUP	11/12/2014	<0.0051	U		<0.0083	U		<0.0082	U		0.0085			0.0036	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-29-30-020615	2/6/2015	<0.0055	U		<0.0088	U		<0.0088	U		0.022			<0.0063		U	<0.038	U		<0.007	U		<0.007	U	
		VMP-29-30-050615	5/6/2015	<0.0059	U		<0.0096	U		<0.0095	U	UJ	0.04		J	0.0016	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-29-30-050615-DUP	5/6/2015	<0.0057	U		<0.0092	U		<0.0091	U	J	0.055		J	0.0015	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-29-30-080315	8/3/2015	<0.0064	U		<0.01	U		0.0085	J		0.2			0.0016	J		<0.044	U	UJ	<0.0082	U		<0.0082	U	
		VMP-29-30-103015	10/30/2015	<0.0051	U		<0.0082	U		<0.0081	U		0.19			0.0019	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-29-30-012716	1/27/2016	<0.006	U		<0.0096	U		<0.0095	U		0.15			<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-29-30-050216	5/2/2016	<0.021	U		<0.033	U		<0.033	U		2.5			<0.018	U		<0.14	U		<0.026	U		<0.026	U	
		VMP-29-30-072816	7/28/2016	<0.014	U		<0.022	U		<0.022	U		4.9			0.0074	J		<0.097	U		<0.018	U		<0.018	U	
		VMP-29-26-110316	11/3/2016	<0.0056	U		<0.009	U		<0.0088	U		0.33			0.012			<0.039	U		<0.0071	U		<0.0071	U	
		VMP-29-26-110316-Dup	11/3/2016	<0.0054	U		<0.0087	U		<0.0086	U		0.33			0.013			<0.038	U		<0.0069	U		<0.0069	U	
VMP-30	10 ft	VMP-30-10-073012	7/30/2012	<0.16	U		<0.26	U		<0.25	U		69			0.027	J		<1.1	U		<0.2	U		<0.2	U	
		VMP-30-10-100812	10/8/2012	<0.006	U		<0.0097	U		0.0041	J		1.6			0.0096			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-30-10-020613	2/6/2013	<0.0056	U		<0.0091	U		<0.009	J	U	0.09			0.0016	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-30-10-050613	5/6/2013	<0.0061	U		<0.0098	U		<0.0097	J	U	2			<0.0054	J	U	<0.042	J	U	<0.0078	U		<0.0078	U	
		VMP-30-10-080513	8/5/2013	<0.012	U		<0.019	U		<0.019	U		3.9			0.0021	J		<0.082	U		<0.015	U		<0.015	U	
		VMP-30-10-102813	10/28/2013	<0.0062	U		<0.01	U		<0.0098	U		0.2			0.0015	J		<0.043	ND,UJ	UJ	<0.0079	U		<0.0079	U	
		VMP-30-10-021214	2/12/2014	<0.0061	U		<0.0098	U		<0.0097	U		0.023			0.0024	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-30-10-042914	4/29/2014	<0.0053	U		<0.0086	U		<0.0085	U		0.12			0.014			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-30-10-080814	8/8/2014	<0.0064	U		<0.01	U		<0.01	U		0.25			0.0036	J		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-30-10-110414	11/4/2014	<0.0056	U		<0.009	U		<0.0089	U		0.19			0.0013	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-30-10-020615	2/6/2015	<0.0057	U		<0.0092	U		<0.0091	U		0.031			<0.0062		U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-30-10-050515	5/5/2015	<0.005	U		<0.008	U		<0.0079	U		0.02			<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-30-10-072715	7/27/2015	<0.0055	U		<0.0089	U		<0.0088	U		0.073			0.0064			<0.038	U		<0.0071	U		<0.0071	U	
		VMP-30-10-103015	10/30/2015	<0.0053	U		<0.0086	U		<0.0085	U		0.13			0.0058			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-30-10-020416	2/4/2016	<0.0056	U		<0.0091	U		<0.009	U		0.021			0.019			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-30-10-050216	5/2/2016	<0.0055	U		<0.0088	U		<0.0088	U		0.093			0.0096			<0.038	U		<0.007	U		<0.007	U	
		VMP-30-10-072816	7/28/2016	<0.023	U		<0.038	U		<0.037	U		2.6			<0.021	U		<0.16	U		<0.03	U		<0.03	U	
		VMP-30-10-110316	11/3/2016	<0.0054	U		<0.0087	U		<0.0086	U		0.07			0.011			<0.038	U		<0.0069	U		<0.0069	U	
	18 ft	VMP-30-20-073012	7/30/2012	<0.68	U		<1.1	U		<1.1	U		300			0.033	J		<4.7	U		<0.87	U		<0.87	U	
		VMP-30-20-100812	10/8/2012	0.12	J		<0.4	U		<0.39	U		29			0.39			<1.7	U		<0.32	U		<0.32	U	
		VMP-30-20-020613	2/6/2013	<0.0056	U		<0.0091	U		<0.009	J	U	0.21			<0.005	J	U	<0.039	J	U	<0.0072	U		<0.0072	U	
		VMP-30-20-050613	5/6/2013	<0.059	U		<0.095	U		<0.094	U		5.8			<0.052	U		<0.41	U		<0.076	U		<0.076	U	
		VMP-30-20-080513	8/5/2013	<0.024	U		<0.038	U		<0.038	U		3.8			<0.021	U		<0.17	U		<0.03	U		<0.03	U	
		VMP-30-20-102813	10/28/2013	<0.0083	U		<0.013	U		<0.013	U		1.6			<0.0073	U		<0.058	ND,UJ	UJ	<0.011	U		<0.011	U	
		VMP-30-20-021214	2/12/2014	<0.0052	U		<0.0083	U		<0.0082	U		0.023			0.0013	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-30-20-042914	4/29/2014	<0.0054	U		<0.0086	U		<0.0085	U		0.29			0.00076	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-30-20-080814	8/8/2014	<0.0065	U		<0.01	U		<0.01	U		0.29			0.0044	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-30-20-110414	11/4/2014	<0.0057	U		<0.0091	U		<0.009	U		0.089			0.00089	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-30-20-020615	2/6/2015	<0.0054	U		<0.0086	U		<0.0085	U		0.22			0.015			<0.037	U		<0.0069	U		<0.0069	U	
		VMP-30-20-050515	5/5/2015	<0.0057	U		<0.0092	U		<0.0091	U		0.1			0.0009	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-30-20-072715	7/27/2015	<0.014	U		<0.022	U		<0.022	U		3.4			0.004	J		<0.098	U		<0.018	U		<0.018	U	
		VMP-30-20-103015	10/30/2015	<0.0062	U		<0.01	U		<0.0098	U		1.1			0.0052	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-30-20-012716	1/27/2016	<0.0056	U		<0.0091	U		<0.009	U		0.022			<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-30-20-050216	5/2/2016	<0.0064	U		<0.01	U		<0.01	U		0.14			0.0047	J		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-30-20-072816	7/28/2016	<0.026	U		<0.042	U		<0.041	U		3.5			0.0047	J		<0.18	U		<0.033	U		<0.033	U	
		VMP-30-18-110316	11/3/2016	<0.0056	U		<0.009	U		<0.0089	U		0.4			0.011			<0.039	U		<0.0071	U		<0.0071	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-30	26 ft	VMP-30-30-073012	7/30/2012	<0.7	U		<1.1	U		<1.1	U		330			0.035	J		<4.8	U		<0.89	U		<0.89	U	
		VMP-30-30-100812	10/8/2012	0.093	J		<0.83	U		<0.82	U		67			0.49			<3.6	U		<0.66	U		<0.66	U	
		VMP-30-30-020613	2/6/2013	<0.019	U		<0.03	U		<0.03	U		2.6			<0.016	U		<0.13	J	U	<0.024	U		<0.024	U	
		VMP-30-30-050613	5/6/2013	<0.034	U		<0.054	U		<0.054	U		3.8			<0.03	U		<0.23	U		<0.043	U		<0.043	U	
		VMP-30-30-081413	8/14/2013	<0.0063	U		<0.01	U		<0.01	U		1.1			0.0046	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-30-30-102813	10/28/2013	<0.022	U		<0.035	U		<0.034	U		1.3			<0.019	U		<0.15	ND,UJ	UJ	<0.028	U		<0.028	U	
		VMP-30-30-021214	2/12/2014	<0.41	U		<0.66	U		<0.65	U		<0.28	U		0.11	J		<2.8	U		<0.52	U		<0.52	U	
		VMP-30-30-042914	4/29/2014	<0.13	U		<0.21	U		<0.21	U		0.12			0.099	J		<0.92	U		<0.17	U		<0.17	U	
		VMP-30-30-042914-DUP	4/29/2014	<0.14	U		<0.23	U		<0.23	U		0.16			0.099	J		<0.99	U		<0.18	U		<0.18	U	
		VMP-30-30-080814	8/8/2014	<0.0058	U		<0.0093	U		<0.0092	U		0.58			0.0054			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-30-30-110414	11/4/2014	<0.005	U		<0.0081	U		<0.008	U		1.2			0.00079	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-30-30-020615	2/6/2015	<0.0059	U		<0.0095	U		<0.0094	U		0.12			<0.006		U	<0.041	U		<0.0075	U		<0.0075	U	
		VMP-30-30-050515	5/5/2015	<0.0055	U		<0.0088	U		<0.0088	U		0.047			0.0044	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-30-30-050515-DUP	5/5/2015	<0.0059	U		<0.0095	U		<0.0094	U		0.051			0.0034	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-30-30-072715	7/27/2015	<0.0063	U		<0.01	U		<0.01	U		0.68			0.0055	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-30-30-103015	10/30/2015	<0.0051	U		<0.0083	U		<0.0082	U		0.028			0.0039	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-30-30-012716	1/27/2016	<0.0055	U		<0.0089	U		<0.0088	U		0.32			0.0022	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-30-30-050216	5/2/2016	<0.0064	U		<0.01	U		<0.01	U		0.26			0.0041	J		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-30-30-072816	7/28/2016	<0.052	U		<0.083	U		<0.082	U		10			<0.046	U		<0.36	U		<0.066	U		<0.066	U	
		VMP-30-30-072816-DUP	7/28/2016	<0.041	U		<0.066	U		<0.065	U		7.8			0.0032	J		<0.28	U		<0.052	U		<0.052	U	
		VMP-30-26-110316	11/3/2016	<0.0059	U		<0.0095	U		<0.0094	U		0.72			0.012			<0.041	U		<0.0076	U		<0.0076	U	
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	0.0031	J		<0.0066	U		<0.0065	J	U	0.0046			0.02			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-31-5-072012	7/20/2012	<0.0041	U		<0.0066	U		<0.0065	U		0.0013	J		0.0099			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-31-5-102612	10/26/2012	0.00068	J		<0.0095	U		<0.0094	U		0.002	J		0.0099			<0.1	U	UJ	<0.0075	U		<0.0075	U	
		VMP-31-5-021113	2/11/2013	<0.0055	U		<0.0088	U		<0.0088	J	U	<0.0038	U		0.011			<0.038	J	U	<0.007	U		<0.007	U	
		VMP-31-5-051513	5/15/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.0019	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-31-5-022614	2/26/2014	<0.0048	U		<0.0078	U		<0.0077	U		<0.0034	U		<0.0043	J	U	<0.034	U		<0.0062	U		<0.0062	U	
	10 ft	VMP-31-10-042512	4/25/2012	0.0032	J		<0.0088	U		0.0051	J		0.03			0.018			<0.038	U		<0.007	U		<0.007	U	
		VMP-31-10-072612	7/26/2012	0.0035	J		<0.0067	U		0.0018	J		<0.0029	U		0.061			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-31-10-102612	10/26/2012	<0.0063	U		<0.01	U		<0.01	U		0.001	J		0.0065			<0.11	U	UJ	<0.0081	U		<0.0081	U	
		VMP-31-10-021313	2/13/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.016			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-31-10-051713	5/17/2013	<0.0068	U		<0.011	J	U	<0.011	J	U	<0.0047	U		<0.0061	J	U	<0.048	J	U	<0.0088	U		<0.0088	U	
		VMP-31-10-111313	11/13/2013	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.00057	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-31-10-022714	2/27/2014	<0.0054	U		<0.0086	U		0.0039	J		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
	20 ft	VMP-31-20-101912	10/19/2012	<5.9	U		<9.5	U		<9.4	U		<4.1	U		0.66	J		<41	U		<7.5	U		<7.5	U	
		VMP-31-20-021113	2/11/2013	<0.084	U		<0.14	U		<0.13	U		<0.058	U		<0.074	U		<0.58	U		<0.11	U		<0.11	U	
		VMP-31-20-111213	11/12/2013	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U	UJ	<0.0067	U		<0.0067	U	
	30 ft	VMP-31-30-042512	4/25/2012	<2.1	U		<3.4	U		<3.3	U		<1.4	U		1.4	J		<14	U		<2.7	U		<2.7	U	
		VMP-31-30-042512-Dup	4/25/2012	<2.1	U		<3.4	U		<3.3	U		<1.4	U		1.5	J		<14	U		<2.7	U		<2.7	U	
		VMP-31-30-072012	7/20/2012	<0.41	U		<0.66	U		<0.65	U		<0.28	U		<0.36	U		<2.8	U		<0.52	U		<0.52	U	
		VMP-31-30-101912	10/19/2012	<0.37	U		<0.59	U		<0.58	U		<0.25	U		0.087	J		<2.6	U		<0.47	U		<0.47	U	
		VMP-31-30-021113	2/11/2013	<6	U		<9.7	U		<9.6	U		<4.2	U		1.6	J		<42	U		<7.7	U		<7.7	U	
		VMP-31-30-050713	5/7/2013	<51	U		<82	U		<81	U		<35	U		72			<350	U		<65	U		<65	U	
		VMP-31-30-080913	8/9/2013	0.00067	J		<0.011	U		0.031			<0.0046	U		<0.0059	J	U	<0.047	U		<0.0086	U		<0.0086	U	
		VMP-31-30-111213	11/12/2013	<0.0053	U		<0.0086	U		0.0056	J		<0.0037	U		0.0015	J		<0.037	J	U	<0.0068	U		<0.0068	U	
		VMP-31-30-022614	2/26/2014	<26	U		<42	U		<42	U		<18	U		18	J		<180	U		<34	U		<34	U	
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	0.0017	J		<0.0064	U		<0.0063	J	U	0.0059			0.023			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-32-5-072012	7/20/2012	<0.0036	U		0.002	J		<0.0057	U		<0.0025	U		0.0042			<0.025	U		<0.0046	U		<0.0046	U	
		VMP-32-5-101812	10/18/2012	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.0033	J		<0.12	U	UJ	<0.0087	U		<0.0087	U	
		VMP-32-5-020513	2/5/2013	<0.0054	U		<0.0086	U		<0.0085	J	U	0.0014	J		<0.0047	J	U	<0.037	J	U	<0.0069	U		<0.0069	U	
		VMP-32-5-050713	5/7/2013	<0.0058	U		<0.0093	U		<0.0092	J	U	0.0029	J		<0.0051	J	U	<0.04	J	U	<0.0074	U		<0.0074	U	
		VMP-32-5-080213	8/2/2013	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.00078	J		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-32-5-110813	11/8/2013	<0.0061	U		<0.0099	U		0.0063	J		<0.0042	U		<0.0054	U		<0.043	J	U	<0.0078	U		<0.0078	U	
		VMP-32-5-050114	5/1/2014	<0.0047	U		<0.0076	U		<0.0076	U		<0.0033	U		0.019			<0.033	U		<0.0061	U		<0.0061	U	
		VMP-32-5-081314	8/13/2014	<0.0058	U		<0.0094	U		0.0032	J		<0.004	U	UJ	0.0016	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-32-5-110714	11/7/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-32-5-021015	2/10/2015	<0.0044	U		<0.0071	U		<0.007	U		<0.003	U		0.001	J		<0.03	U		<0.0056	U		<0.0056	U	
		VMP-32-5-073115	7/31/2015	<0.0059	U	UJ	<0.0096	U	UJ	<0.0095	U	UJ	<0.0041	U	UJ	0.0018	J	J	<0.041	U	UJ	<0.0076	U	UJ	<0.0076	U	UJ
		VMP-32-5-082415	8/24/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0027	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-32-5-110415	11/4/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0033	J		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-32-5-012616	1/26/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-32-5-042716	4/27/2016	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.00079	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-32-5-072616	7/26/2016	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		0.00049	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-32-5-102716	10/27/2016	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0066			<0.036	U		<0.0066	U		<0.0066	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	10 ft	VMP-32-10-041612	4/16/2012	0.00082	J		<0.0059	U		<0.0058	U		<0.0025	U		0.027			<0.025	U		<0.0047	J	U	<0.0047	U	
		VMP-32-10-072012	7/20/2012	<0.0042	U		<0.0067	U		<0.0066	U		<0.0029	U		0.0042			<0.029	U		<0.0053	U		<0.0053	U	
		VMP-32-10-101812	10/18/2012	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0015	J		<0.11	U	UJ	<0.0081	U		<0.0081	U	
		VMP-32-10-020513	2/5/2013	<0.0054	U		<0.0086	U		<0.0085	J	U	0.0014	J		<0.0047	J	U	<0.037	J	U	<0.0069	U		<0.0069	U	
		VMP-32-10-050713	5/7/2013	<0.006	U		0.0015	J		0.0012	J		<0.0042	U		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U	
		VMP-32-10-080213	8/2/2013	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0014	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-32-10-082313-R	8/23/2013	0.013			<0.01	U		<0.01	U		<0.0043	U		0.19		J	<0.044	UJ	UJ	<0.008	U		<0.008	U	
		VMP-32-10-082313-R-DUP	8/23/2013	<0.0068	U		<0.011	U		<0.016		U	<0.0047	U		<0.006	U	UJ	<0.047	UJ	UJ	<0.0086	U		<0.0086	U	
		VMP-32-10-110813	11/8/2013	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0011	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-32-10-022814	2/28/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-32-10-050114	5/1/2014	<0.0047	U		<0.0075	U		<0.0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.006	U		<0.006	U	
		VMP-32-10-081314	8/13/2014	<0.0062	U		<0.01	U		0.0045	J		<0.0043	U	UJ	0.0012	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-32-10-110714	11/7/2014	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-32-10-021015	2/10/2015	<0.0052	U		<0.0084	U		0.0015	J		<0.0036	U		0.0028	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-32-10-051115	5/11/2015	<0.0067	U	UJ	<0.011	U	UJ	0.0039	J	J	<0.0046	U	UJ	<0.006	U	UJ	<0.047	U	UJ	<0.0086	U	UJ	<0.0086	U	UJ
		VMP-32-10-052915-R	5/29/2015	<0.006	U		<0.0097	U		0.0036	J		0.0014	J		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-32-10-110415	11/4/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.002	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-32-10-012616	1/26/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-32-10-042716	4/27/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-32-10-072616	7/26/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-32-10-102716	10/27/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0028	J		<0.038	U		<0.0071	U		<0.0071	U	
	20 ft	VMP-32-20-041612	4/16/2012	0.11			<0.13	U		<0.13	U		<0.058	U		0.23			0.19	J		<0.11	U		<0.11	U	
		VMP-32-20-072012	7/20/2012	<0.0041	U		<0.0066	U		<0.0065	U		0.0014	J		0.0057			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-32-20-101812	10/18/2012	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0023	J		<0.1	U	UJ	<0.0075	U		<0.0075	U	
		VMP-32-20-020513	2/5/2013	<0.006	U		<0.0097	U		<0.0096	J	U	<0.0042	U		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U	
		VMP-32-20-050713	5/7/2013	<0.0066	U		<0.011	U		0.0013	J		<0.0046	U		0.0019	J		<0.046	J	U	<0.0084	U		<0.0084	U	
		VMP-32-20-050713-Dup	5/7/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0016	J		<0.042	J	U	<0.0077	U		<0.0077	U	
		VMP-32-20-080213	8/2/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.00094	J		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-32-20-110813	11/8/2013	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.0014	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-32-20-022814	2/28/2014	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0013	J		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-32-20-050514	5/5/2014	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0015	J		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-32-20-081314	8/13/2014	<0.0057	U		<0.0091	U		0.003	J		<0.0039	U	UJ	0.0009	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-32-20-110714	11/7/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-32-20-021015	2/10/2015	<0.0058	U		<0.0093	U		0.0012	J		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-32-20-051115	5/11/2015	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-32-20-080315	8/3/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	UJ	<0.0074	U		<0.0074	U	
		VMP-32-20-110415	11/4/2015	<0.0056	U		<0.0091	U		0.0034	J		0.0075			0.0043	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-32-20-110415-DUP	11/4/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0044	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-32-20-021616	2/16/2016	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-32-20-042716	4/27/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-32-20-082616-R	8/29/2016	<0.0074	U		<0.012	U		<0.012	U		<0.0051	U		<0.0065	U		<0.051	U		<0.0094	U		<0.0094	U	
		VMP-32-20-102716	10/27/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.00087	J		<0.037	U		<0.0069	U		<0.0069	U	
	30 ft	VMP-32-30-041612	4/16/2012	<2	U		<3.2	U		<3.2	U		<1.4	U		38			<14	U		<2.6	U		<2.6	U	
		VMP-32-30-072012	7/20/2012	<4.1	U		<6.6	U		<6.5	U		3.2			12			<29	U		<5.3	U		<5.3	U	
		VMP-32-30-101812	10/18/2012	<0.23	U		<0.38	U		<0.37	U		<0.16	U		<0.21	U		<1.6	U		<0.3	U		<0.3	U	
		VMP-32-30-020513	2/5/2013	<0.24	U		<0.39	U		<0.38	U		<0.17	U		<0.21	U		<1.7	U		<0.31	U		<0.31	U	
		VMP-32-30-050713	5/7/2013	2.5	J		<10	U		<9.8	U		<4.3	U		100			<43	U		<7.9	U		<7.9	U	
		VMP-32-30-080213	8/2/2013	<0.96	U		<1.6	U		<1.5	U		<0.67	U		<0.85	U		<6.7	U		<1.2	U		<1.2	U	
		VMP-32-30-110813	11/8/2013	<0.31	U		<0.49	U		<0.49	U		<0.21	U		<0.27	U		<2.1	U		<0.39	U		<0.39	U	
		VMP-32-30-022814	2/28/2014	<0.005	U		<0.008	U		0.0037	J		<0.0034	U		0.0015	J		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-32-30-022814-Dup	2/28/2014	<0.0057	U		<0.0092	U		0.0059	J		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-32-30-050114	5/1/2014	<0.66	U		<1.1	U		<1	U		<0.46	U		<0.58	U		<4.6	U		<0.84	U		<0.84	U	
		VMP-32-30-081314	8/13/2014	<0.0061	U		<0.0099	U		0.0032	J		<0.0042	U	UJ	0.043			<0.043	U		<0.0078	U		<0.0078	U	
		VMP-32-30-081314-DUP	8/13/2014	<0.0056	U		<0.0091	U		0.003	J		<0.0039	U	UJ	0.046			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-32-30-110714	11/7/2014	<0.011	U		<0.018	U		<0.018	U		<0.0078	U		0.01			<0.078	U		<0.014	U		<0.014	U	
		VMP-32-30-110714-DUP	11/7/2014	<0.013	U		<0.02	U		<0.02	U		<0.0087	U		0.023			<0.088	U		<0.016	U		<0.016	U	
		VMP-32-30-021015	2/10/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-32-30-050515	5/5/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-32-30-073115	7/31/2015	<0.0059	U	UJ	<0.0096	U	UJ	<0.0095	U	UJ	<0.0041	U	UJ	0.036		J	<0.041	U	UJ	<0.0076	U	UJ	<0.0076	U	UJ
		VMP-32-30-073115-DUP	7/31/2015	<0.0066	U	UJ	<0.011	U	UJ	<0.01	U	UJ	<0.0046	U	UJ	0.022		J	<0.046	U	UJ	<0.0085	U	UJ	<0.0085	U	UJ
		VMP-32-30-082415	8/24/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0026	J		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-32-30-082415-DUP	8/24/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0023	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-32-30-110415	11/4/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-32-30-020216	2/2/2016	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0015	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-32-30-042716	4/27/2016	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-32-30-072616	7/26/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-32-30-102716	10/27/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.00078	J		<0.039	U		<0.0072	U		<0.0072	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	0.0024	J		<0.0083	U		<0.0082	U		0.0016	J		0.071			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-41-10-100912	10/9/2012	<0.0063	U		<0.01	U		0.012			<0.0044	U		0.022			<0.044	U		<0.0081	U		<0.0081	U	
		VMP-41-10-012913	1/29/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	J	U	<0.044	U		<0.0081	U		<0.0081	U	
		VMP-41-10-043013	4/30/2013	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-41-10-080213	8/2/2013	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.00068	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-41-10-102913	10/29/2013	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	ND,UJ	UJ	<0.0073	U		<0.0073	U	
		VMP-41-10-021114	2/11/2014	<0.0046	U		<0.0074	U		<0.0074	U		<0.0032	U		<0.0041	U		<0.032	U		<0.0059	U		<0.0059	U	
		VMP-41-10-042214	4/22/2014	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	J	UJ	<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-41-10-073114	7/31/2014	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0025	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-41-10-102814	10/28/2014	0.0018	J		<0.0085	U		<0.0084	U		0.0058			0.019			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-41-10-020415	2/4/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0043	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-41-10-020415-DUP	2/4/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0039	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-41-10-043015	4/30/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-41-10-072815	7/28/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-41-10-110215	11/2/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0018	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-41-10-012716	1/27/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	ND,UJ	UJ	<0.0066	U		<0.0066	U	
		VMP-41-10-050216	5/2/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-41-10-072816	7/28/2016	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0051			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-41-10-102416	10/24/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
	20 ft	VMP-41-20-072712	7/27/2012	0.0014	J		<0.0064	U		<0.0063	U		<0.0028	U		0.038			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-41-20-072712-Dup	7/27/2012	0.0018	J		<0.0066	U		<0.0065	U		<0.0028	U		0.039			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-41-20-100912	10/9/2012	0.00092	J		<0.0099	U		0.0091	J		<0.0043	U		0.015			<0.043	U		<0.0079	U		<0.0079	U	
		VMP-41-20-100912-Dup	10/9/2012	0.0013	J		<0.01	U		0.0073	J		<0.0044	U		0.016			<0.044	U		<0.0081	U		<0.0081	U	
		VMP-41-20-012913	1/29/2013	<0.0064	U		<0.01	U		0.0016	J		<0.0045	U		<0.0057	J	U	<0.045	J	U	<0.0083	U		<0.0083	U	
		VMP-41-20-043013	4/30/2013	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	J	U	<0.04	U		<0.0074	U		<0.0074	U	
		VMP-41-20-043013-Dup	4/30/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-41-20-080213	8/2/2013	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-41-20-102913	10/29/2013	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.00085	J		<0.041	U	U	<0.0076	U		<0.0076	U	
		VMP-41-20-021114	2/11/2014	<0.0047	U		<0.0075	U		<0.0074	U		0.0022	J		<0.0041	U		<0.032	U		<0.006	U		<0.006	U	
		VMP-41-20-042214	4/22/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U	UJ	<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-41-20-073114	7/31/2014	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.00078	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-41-20-102814	10/28/2014	0.0024	J		<0.0091	U		<0.009	U		0.0054			0.026			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-41-20-020415	2/4/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0011	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-41-20-043015	4/30/2015	<0.13	U		<0.21	U		<0.21	U		<0.092	U		<0.12	U		<0.92	U		<0.17	U		<0.17	U	
		VMP-41-20-072815	7/28/2015	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-41-20-110215	11/3/2015	<0.0059	U		<0.0095	U		<0.0094	U		0.0014	J		0.0022	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-41-20-012716	1/27/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	ND,UJ	UJ	<0.0072	U		<0.0072	U	
		VMP-41-20-050216	5/2/2016	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.0024	J		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-41-20-072816	7/28/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.00086	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-41-20-102416	10/24/2016	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.00063	J		<0.035	U		<0.0064	U		<0.0064	U	
	26 ft	VMP-41-30-100912	10/9/2012	<0.0066	U		<0.011	U		0.0046	J		<0.0046	U		0.0098			<0.046	U		<0.0085	U		<0.0085	U	
		VMP-41-30-012913	1/29/2013	<0.006	U		<0.0097	U		0.0027	J		<0.0042	U		0.0013	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-41-30-043013	4/30/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0054	J	U	<0.042	U		<0.0077	U		<0.0077	U	
		VMP-41-30-080213	8/2/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0057			<0.045	U		<0.0082	U		<0.0082	U	
		VMP-41-30-102913	10/29/2013	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.00044	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-41-30-021114	2/11/2014	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-41-30-021114-Dup	2/11/2014	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-41-30-042214	4/22/2014	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U	UJ	<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-41-30-073114	7/31/2014	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-41-30-102814	10/28/2014	<0.0051	U		<0.0083	U		0.002	J		0.0047			0.022			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-41-30-020415	2/4/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0009	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-41-30-043015	4/30/2015	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		0.0025	J		<0.0072	U		<0.0072	U	
		VMP-41-30-043015-DUP	4/30/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-41-30-110215	11/2/2015	<0.0057	U		<0.0092	U		<0.0091	U		0.0031	J	J	0.0021	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-41-30-110215-DUP	11/2/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0021	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-41-30-012716	1/27/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	ND,UJ	UJ	<0.0072	U		<0.0072	U	
		VMP-41-30-012716-DUP	1/27/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	ND,UJ	UJ	<0.0069	U		<0.0069	U	
		VMP-41-30-050216	5/2/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-41-30-072816	7/28/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.00092	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-41-30-072816-DUP	7/28/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.00068	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-41-26-102416	10/24/2016	<0.0051	U		<0.0082	U		0.0037	J		<0.0035	U		0.0039	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-41-30-072712	7/27/2012	0.0021	J		<0.0066	U		<0.0065	U		0.00073	J		0.03			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-41-30-072815	7/28/2015	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.006	U		<0.047	U		<0.0086	U		<0.0086	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	<0.0036	U		<0.0059	U		<0.0058	U		<0.0025	U		0.024			<0.025	U		<0.0047	J	U	<0.0047	U	
		VMP-42-10-041812-Dup	4/18/2012	<0.0037	U		<0.006	U		<0.0059	U		<0.0026	U		0.022			<0.026	U		<0.0048	U		<0.0048	U	
		VMP-42-10-071912	7/19/2012	0.002	J		<0.0066	U		0.0032	J		0.0063			0.057			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-42-10-101212	10/12/2012	<0.0066	U		<0.011	U		0.0075	J		<0.0046	U		0.011			<0.046	U		<0.0084	U		<0.0084	U	
		VMP-42-10-013113	1/31/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-42-10-043013	4/30/2013	<0.0065	U		<0.01	U		<0.01	J	U	<0.0045	U		<0.0057	J	U	<0.045	U		<0.0083	U		<0.0083	U	
		VMP-42-20-043013	4/30/2013	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0018	J		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-42-10-080213	8/2/2013	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.00082	J		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-42-10-102913	10/29/2013	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.011			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-42-10-020714	2/7/2014	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-42-10-042214	4/22/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U	UJ	<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-42-10-080614	8/6/2014	<0.0053	U		<0.0085	ND,UJ	UJ	<0.0084	U		<0.0037	U		0.0015	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-42-10-110414	11/4/2014	<0.0056	U		<0.0091	U		<0.009	U		0.0027	J		0.0014	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-42-10-020315	2/3/2015	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-42-10-042915	4/29/2015	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		0.0025	J		<0.0068	U		<0.0068	U	
		VMP-42-10-072115	7/21/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-42-10-102715	10/27/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-42-10-020116	2/1/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-42-10-042616	4/26/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.084			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-42-10-072616	7/26/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.01			<0.044	U		<0.008	U		<0.008	U	
		VMP-42-10-102716	10/27/2016	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	J	U	<0.038	U		<0.007	U		<0.007	U	
	20 ft	VMP-42-20-041812	4/18/2012	1.9	J		<3.1	U		<3	U		<1.3	U		6.8			3.5	J		<2.4	U		<2.4	U	
		VMP-42-20-071912	7/19/2012	0.0019	J		<0.0064	U		0.0028	J		<0.0028	U		0.06			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-42-20-101212	10/12/2012	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.002	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-42-20-101212-Dup	10/12/2012	<0.0059	U		<0.0095	U		<0.0094	U		0.003	J		0.0087			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-42-20-013113	1/31/2013	<0.0055	U		<0.0088	U		<0.0088	J	U	<0.0038	U		<0.0049	J	U	<0.038	U		<0.007	U		<0.007	U	
		VMP-42-20-080213	8/2/2013	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.00074	J		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-42-20-102913	10/29/2013	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0044	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-42-20-020714	2/7/2014	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-42-20-042214	4/22/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	J	UJ	<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-42-20-080614	8/6/2014	<0.0055	U		<0.0089	ND,UJ	UJ	<0.0088	U		<0.0038	U		0.0049			<0.038	U		<0.0071	U		<0.0071	U	
		VMP-42-20-110414	11/4/2014	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-42-20-020315	2/3/2015	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-42-20-042915	4/29/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-42-20-072115	7/21/2015	<0.0055	U		<0.0088	U		0.0015	J		<0.0038	U		0.001	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-42-20-102715	10/27/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0032	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-42-20-020116	2/1/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-42-20-042616	4/26/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0009	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-42-20-072616	7/26/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-42-20-102676	10/27/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.005	J	U	<0.04	U		<0.0073	U		<0.0073	U	
	30 ft	VMP-42-30-041912	4/19/2012	<4	U		<6.4	U		<6.3	U		<2.8	U		<3.5	U		<28	U		<5.1	U		<5.1	U	
		VMP-42-30-071912	7/19/2012	0.0026	J	J	<0.006	U		0.0033	J	J	<0.0026	U		0.073		J	<0.026	U		<0.0048	U		<0.0048	U	
		VMP-42-30-101212	10/12/2012	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0036	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-42-30-101212-Dup	10/12/2012	<0.0062	U		0.0057	J		<0.0098	U		<0.0043	U		0.0034	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-42-30-013113	1/31/2013	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U	
		VMP-42-30-043013	4/30/2013	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0041	U		<0.0052	J	U	<0.041	J	U	<0.0076	U		<0.0076	U	
		VMP-42-30-080213	8/2/2013	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-42-30-102913	10/29/2013	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.00079	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-42-30-102913-Dup	10/29/2013	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.00066	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-42-30-020714	2/7/2014	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		0.0052			<0.033	U		<0.0061	U		<0.0061	U	
		VMP-42-30-020714-Dup	2/7/2014	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		0.0082			<0.034	U		<0.0063	U		<0.0063	U	
		VMP-42-30-042214	4/22/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	J	UJ	0.003	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-42-30-042214-Dup	4/22/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U	UJ	<0.0046	J	U	<0.037	U		<0.0067	U		<0.0067	U	
		VMP-42-30-080614	8/6/2014	<0.0057	U		<0.0092	ND,UJ	UJ	<0.0091	U		0.0012	J		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-42-30-110414	11/4/2014	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-42-30-020315	2/3/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-42-30-042915	4/29/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-42-30-080315	8/3/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0012	J		<0.04	U	UJ	<0.0073	U		<0.0073	U	
		VMP-42-30-080315-DUP	8/3/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0024	J		<0.038	U	UJ	<0.0071	U		<0.0071	U	
		VMP-42-30-102715	10/27/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-42-30-020116	2/1/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-42-30-042616	4/26/2016	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.0013	J		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-42-30-072616	7/26/2016	<0.0054	U		<0.0086	U		0.0042	J		<0.0037	U		0.0055			<0.037	U		<0.0069	U		<0.0069	U	
		VMP-42-30-102716	10/27/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0058			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-42-30-102716-Dup	10/27/2016	<0.011	U		<0.017	U		<0.017	U		<0.0075	U		0.0016	J		<0.075	U		<0.014	U		<0.014	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	0.0014	J		<0.0067	U		<0.0066	U		0.0071			0.03			<0.029	U		<0.0053	J	U	<0.0053	U	
		VMP-43-10-071912	7/19/2012	0.003	J		<0.013	U		0.0027	J		<0.0055	U		0.067			<0.056	U		<0.01	U		<0.01	U	
		VMP-43-10-101612	10/16/2012	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.008			<0.12	U	UJ	<0.0087	U		<0.0087	U	
		VMP-43-10-051713	5/17/2013	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0052	J		<0.046	J	U	<0.0084	U		<0.0084	U	
		VMP-43-10-080913	8/9/2013	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.003	J		<0.047	J	U	<0.0086	U		<0.0086	U	
		VMP-43-10-111313	11/13/2013	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-43-10-022714	2/27/2014	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.00078	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-43-10-050514	5/5/2014	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	J	U	<0.044	U		<0.0081	U		<0.0081	U	
		VMP-43-10-080614	8/6/2014	<0.0056	U	UJ	<0.009	ND,UJ	UJ	<0.0089	U	UJ	<0.0039	U	UJ	<0.0049	U	UJ	<0.039	U	UJ	<0.0071	U	UJ	<0.0071	U	UJ
		VMP-43-10-021015	2/10/2015	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		0.0018	J		<0.033	U		<0.006	U		<0.006	U	
		VMP-43-10-050515	5/5/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.00082	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-43-10-072115	7/21/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0024	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-43-10-102915	10/29/2015	<0.0066	U		<0.01	U		<0.01	U		<0.0045	U		<0.0058	U		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-43-10-020116	2/1/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-43-10-042716	4/27/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0019	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-43-10-072716	7/27/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.00095	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-43-10-102616	10/26/2016	<0.0048	U		<0.0078	U		<0.0077	U		<0.0034	U		0.019			<0.034	U		<0.0062	U		<0.0062	U	
	20 ft	VMP-43-20-041612	4/16/2012	<0.041	U		<0.066	U		<0.065	U		<0.028	U		0.031	J		<0.28	U		<0.052	U		<0.052	U	
		VMP-43-20-071912	7/19/2012	0.0029	J		<0.024	U		<0.023	U		<0.01	U		0.051			<0.1	U		<0.019	U		<0.019	U	
		VMP-43-20-101812	10/18/2012	<0.0056	U		<0.0091	U		<0.009	U		0.0031	J		0.0092			<0.098	U	UJ	<0.0072	U		<0.0072	U	
		VMP-43-20-012413	1/24/2013	<0.0056	U		<0.0091	U		0.0038	J		<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-43-20-043013	4/30/2013	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		0.0041	J		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-43-20-080913	8/9/2013	<0.0066	U		<0.01	U		0.0039	J		<0.0045	U		0.0024	J		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-43-20-102913	10/29/2013	<0.0056	U		<0.009	ND,UJ	UJ	<0.0089	U		0.0012	J		0.006			<0.039	U		<0.0071	U		<0.0071	ND,UJ	UJ
		VMP-43-20-022714	2/27/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0033	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-43-20-081314	8/13/2014	<0.0064	U		<0.01	U		0.0062	J		<0.0044	U	UJ	0.0017	J		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-43-20-110614	11/6/2014	<0.0053	U		<0.0085	U		<0.0084	U		0.002	J		0.0012	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-43-20-021215	2/12/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0046			<0.036	U		<0.0067	U		<0.0067	U	
		VMP-43-20-021215-DUP	2/12/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0037	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-43-20-050515	5/5/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0012	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-43-20-072115	7/21/2015	<0.0072	U		<0.012	U		<0.011	U		<0.005	U		<0.0063	U		<0.05	U		<0.0092	U		<0.0092	U	
		VMP-43-20-102915	10/29/2015	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-43-20-102915-DUP	10/29/2015	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		0.001	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-43-20-020116	2/1/2016	<0.009	U		<0.014	U		<0.014	U		<0.0062	U		<0.008	U		<0.063	U		<0.012	U		<0.012	U	
		VMP-43-20-042716	4/27/2016	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-43-20-072716	7/27/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.00086	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-43-20-102616	10/26/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0029	J		<0.039	U		<0.0071	U		<0.0071	U	
	30 ft	VMP-43-30-042312	4/23/2012	<0.037	U		<0.06	U		<0.059	U		<0.026	U		0.018	J		<0.26	U		<0.048	U		<0.048	U	
		VMP-43-30-071912	7/19/2012	0.002	J		<0.0066	U		0.0023	J		<0.0028	U		0.04			<0.028	U		<0.0052	U		<0.0052	U	
		VMP-43-30-101812	10/18/2012	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.002	J		<0.1	U	UJ	<0.0075	U		<0.0075	U	
		VMP-43-30-012413	1/24/2013	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.004	U		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-43-30-043013	4/30/2013	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	J	U	<0.045	U		<0.0083	U		<0.0083	U	
		VMP-43-30-080913	8/9/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	J	U	<0.045	U		<0.0082	U		<0.0082	U	
		VMP-43-30-102913	10/29/2013	<0.0052	U		<0.0084	ND,UJ	UJ	0.00056	J		0.0017	J		0.0033	J		<0.036	U		<0.0067	U		<0.0067	ND,UJ	UJ
		VMP-43-30-022714	2/27/2014	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-43-30-022714-Dup	2/27/2014	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-43-30-042214	4/22/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U	UJ	<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U	
		VMP-43-30-080614	8/6/2014	<0.0062	U		<0.01	ND,UJ	UJ	<0.0099	U		<0.0043	U		0.002	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-43-30-050515	5/5/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.011			<0.044	U		<0.0082	U		<0.0082	U	
		VMP-43-30-050515-DUP	5/5/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0027	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-43-30-072115	7/21/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-43-30-102915	10/29/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-43-30-020116	2/1/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-43-30-042716	4/27/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.0006	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-43-30-042716-DUP	4/27/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0079			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-43-30-072716	7/27/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0014	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-43-30-102616	10/26/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0016	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-43-30-102616-Dup	10/26/2016	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	J	U	<0.04	U		<0.0074	U		<0.0074	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
	10 ft	VMP-44-10-041912	4/19/2012	<1.9	U		<3.1	U		<3.1	U		<1.3	U		0.59	J		<14	U		<2.5	U		<2.5	U	
		VMP-44-10-072012	7/20/2012	<0.65	U		<1	U		<1	U		<0.45	U		0.78		J	<4.6	U		<0.84	U		<0.84	U	
		VMP-44-10-081012	8/10/2012	<0.39	U		<0.63	U		<0.62	U		<0.27	U		0.55		J	<2.7	U		<0.5	U		<0.5	U	
		VMP-44-10-101212	10/12/2012	<1.2	U		<1.9	U		0.35	J		<0.83	U		0.15	J		<8.4	U		<1.5	U		<1.5	U	
		VMP-44-10-012513	1/25/2013	<0.49	U		<0.79	U		0.24	J		<0.34	U		<0.43	U		<3.4	U		<0.63	U		<0.63	U	
		VMP-44-10-042913	4/29/2013	<0.45	U		<0.72	U		<0.72	U		<0.31	U		<0.4	U		<3.1	U		<0.58	U		<0.58	U	
		VMP-44-10-080213	8/2/2013	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.0012	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-44-10-082313-R	8/23/2013	0.0017	J		<0.011	U		<0.01	U		<0.0046	U		0.032			<0.046	UJ		<0.0084	U		<0.0084	U	
		VMP-44-10-111113	11/11/2013	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0014	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-44-10-022814	2/28/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-44-10-043014	4/30/2014	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		0.0012	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-44-10-080614	8/6/2014	<0.0065	U		<0.01	ND,UJ	UJ	<0.01	U		<0.0045	U		0.0026	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-44-10-110414	11/4/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-44-10-020415	2/4/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-44-10-050115	5/1/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0048	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-44-10-072415	7/24/2015	<0.0062	U		<0.0099	U		0.0014	J		<0.0043	U		0.0012	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-44-10-102815	10/28/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0014	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-44-10-012516	1/25/2016	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-44-10-042816	4/28/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U	UJ	<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-44-10-072716	7/27/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-44-10-102716	10/27/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0025	J		<0.039	U		<0.0072	U		<0.0072	U	
	20 ft	VMP-44-20-041912	4/19/2012	<0.43	U		<0.69	U		0.14	J		<0.3	U		1.2			<3	U		<0.55	U		<0.55	U	
		VMP-44-20-072512	7/25/2012	<0.73	U		<1.2	U		<1.2	U		<0.5	U		0.32	J	J	<5.1	U		<0.94	U		<0.94	U	
		VMP-44-20-101212	10/12/2012	<2.4	U		<3.9	U		0.53	J		<1.7	U		0.17	J		<17	U		<3.1	U		<3.1	U	
		VMP-44-20-012513	1/25/2013	<0.18	U		<0.28	U		<0.28	U		<0.12	U		<0.16	U		<1.2	U		<0.23	U		<0.23	U	
		VMP-44-20-042913	4/29/2013	<0.2	U		<0.33	U		<0.32	U		<0.14	U		<0.18	U		<1.4	U		<0.26	U		<0.26	U	
		VMP-44-20-081313	8/13/2013	<0.013	U		<0.02	U		0.0052	J		<0.0087	U		0.0017	J		<0.088	U		<0.016	U		<0.016	U	
		VMP-44-20-111113	11/11/2013	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.00091	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-44-20-022814	2/28/2014	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0015	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-44-20-043014	4/30/2014	<0.01	U		<0.016	U		<0.016	U		0.0033	J		0.0033	J		<0.07	U		0.0019	J		<0.013	U	
VMP-44		VMP-44-20-080614	8/6/2014	<0.0062	U		<0.01	ND,UJ	UJ	<0.0099	U		<0.0043	U		0.0019	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-44-20-110414	11/4/2014	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-44-20-020415	2/4/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-44-20-051115	5/11/2015	<0.0052	U		<0.0083	U		0.0037	J		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-44-20-072415	7/24/2015	<0.0055	U		<0.0088	U		0.0024	J		<0.0038	U		0.003	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-44-20-102815	10/28/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0012	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-44-20-020216-R	2/2/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-44-20-042816	4/28/2016	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.001	J		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-44-20-072716	7/27/2016	<0.007	U		<0.011	U		<0.011	U		<0.0048	U		0.0078			<0.048	U		<0.0089	U		<0.0089	U	
		VMP-44-20-102716	10/27/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0025	J		<0.039	U		<0.0072	U		<0.0072	U	
	30 ft	VMP-44-30-041912	4/19/2012	<0.25	U		<0.4	U		<0.4	U		<0.17	U		0.39			<1.7	U		<0.32	U		<0.32	U	
		VMP-44-30-072512	7/25/2012	<0.042	U		<0.067	U		<0.066	U		<0.029	U		0.34			<0.29	U		<0.053	U		<0.053	U	
		VMP-44-30-072512-Dup	7/25/2012	<0.042	U		<0.067	U		<0.066	U		<0.029	U		0.34			<0.29	U		<0.053	U		<0.053	U	
		VMP-44-30-101512	10/15/2012	<0.26	U		<0.42	U		<0.41	U		<0.18	U		<0.23	U		<4.5	U		<0.33	U		<0.33	U	
		VMP-44-30-101512-Dup	10/15/2012	<0.24	U		<0.39	U		<0.38	U		<0.17	U		<0.21	U		<4.2	U		<0.31	U		<0.31	U	
		VMP-44-30-012513	1/25/2013	<0.062	U	UJ	<0.1	U	UJ	<0.099	U	UJ	<0.043	U	UJ	<0.055	U	UJ	<0.43	U	UJ	<0.079	U	UJ	<0.079	U	UJ
		VMP-44-30-043013	4/30/2013	<0.022	U		<0.035	U		<0.035	U		<0.015	U		0.024			<0.15	U		<0.028	U		<0.028	U	
		VMP-44-30-081313	8/13/2013	<0.0061	U		<0.0098	U		0.0018	J		<0.0042	U		0.0011	J		<0.042	J	U	<0.0078	U		<0.0078	U	
		VMP-44-30-111113	11/11/2013	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0028	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-44-30-022814	2/28/2014	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-44-30-043014	4/30/2014	<0.0052	U		<0.0084	U		<0.0083	U		0.002	J		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-44-30-080614	8/6/2014	<0.0057	U		<0.0092	ND,UJ	UJ	<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-44-30-110414	11/4/2014	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-44-30-020415	2/4/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.00087	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-44-30-051115	5/11/2015	<0.0054	U		<0.0087	U		0.0032	J		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-44-30-072415	7/24/2015	<0.0053	U		<0.0085	U		0.0012	J		<0.0036	U		0.0039	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-44-30-102815	10/28/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-44-30-012516	1/25/2016	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-44-30-050516	5/5/2016	<0.0074	U		<0.012	U		<0.012	U		<0.0051	U		<0.0066	U		<0.052	U		<0.0095	U		<0.0095	U	
		VMP-44-30-072716	7/27/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.00083	J		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-44-30-102716	10/27/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0056			<0.037	U		<0.0068	U		<0.0068	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	<0.0039	U		<0.0063	U		<0.0062	U		0.0044			0.02			<0.027	U		<0.005	J	U	<0.005	U	
		VMP-45-10-071912	7/19/2012	0.0028	J		<0.0064	U		0.0031	J		0.0053			0.13			<0.028	U		<0.0051	U		<0.0051	U	
		VMP-45-10-101512	10/15/2012	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.0014	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-45-10-013013	1/30/2013	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U	
		VMP-45-10-042913	4/29/2013	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-45-10-080513	8/5/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-45-10-102913	10/29/2013	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		0.00041	J		<0.038	J	U	<0.007	U		<0.007	U	
		VMP-45-10-020714	2/7/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-45-10-042214	4/22/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U	UJ	<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-45-10-080114	8/1/2014	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.00086	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-45-10-102414	10/24/2014	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	J	U	<0.038	U		<0.007	U		<0.007	U	
		VMP-45-10-020615	2/6/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-45-10-051215	5/12/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-45-10-072115	7/21/2015	<0.0057	U		<0.0092	U		0.0022	J		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-45-10-102815	10/28/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-45-10-030916-R	3/9/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-45-10-042816	4/28/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U	U	0.035			<0.044	U		<0.0081	U		<0.0081	U	
		VMP-45-10-082616	8/26/2016	<0.0047	J	U	<0.0076	U		<0.0075	U		<0.0032	U		0.011			<0.033	U		<0.006	U		<0.006	U	
		VMP-45-10-102816	10/28/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0011	J		<0.038	U		<0.007	U		<0.007	U	
	20 ft	VMP-45-20-041912	4/19/2012	<0.24	U		<0.39	U		<0.39	U		<0.17	U		1.9			<1.7	U		<0.31	U		<0.31	U	
		VMP-45-20-071912	7/19/2012	0.026	J		<0.12	U		<0.12	U		<0.052	U		0.25			<0.53	U		<0.097	U		<0.097	U	
		VMP-45-20-101512	10/15/2012	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0031	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-45-20-013013	1/30/2013	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-45-20-042913	4/29/2013	<0.0065	J	U	<0.01	U		<0.01	U		<0.0045	U		0.0057			<0.045	U		<0.0083	U		<0.0083	U	
		VMP-45-20-042913-Dup	4/29/2013	<0.0063	J	U	<0.01	U		<0.01	U		<0.0044	U		0.007			<0.044	U		<0.0081	U		<0.0081	U	
		VMP-45-20-080513	8/5/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.001	J		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-45-20-102913	10/29/2013	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.00041	J		<0.041	J	U	<0.0075	U		<0.0075	U	
		VMP-45-20-020714	2/7/2014	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-45-20-042214	4/22/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U	UJ	<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-45-20-080114	8/1/2014	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0041	U		0.0038	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-45-20-102414	10/24/2014	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	J	U	<0.038	U		<0.007	U		<0.007	U	
		VMP-45-20-020615	2/6/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U	
		VMP-45-20-042915	4/29/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.012			<0.044	U		<0.0081	U		<0.0081	U	
		VMP-45-20-072115	7/21/2015	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.0034	J		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-45-20-102815	10/28/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-45-20-012516	1/25/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-45-20-042816	4/28/2016	0.00047	J		<0.0073	U		<0.0072	U		0.0012	J	J	0.0041			<0.032	U		<0.0058	U		<0.0058	U	
		VMP-45-20-072716	7/27/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		<0.0058	U		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-45-20-102816	10/28/2016	<0.0058	U		<0.0093	U		0.0021	J		<0.004	U		0.01			<0.04	U		<0.0074	U		<0.0074	U	
	30 ft	VMP-45-30-041912	4/19/2012	<0.16	U		<0.26	U		<0.26	U		<0.11	U		0.18		J	<1.1	U		<0.21	U		<0.21	U	
		VMP-45-30-071912	7/19/2012	<0.041	U		<0.066	U		<0.065	U		<0.028	U		0.086			<0.28	U		<0.052	U		<0.052	U	
		VMP-45-30-101512	10/15/2012	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U	
		VMP-45-30-101512-Dup	10/15/2012	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	J	U	<0.04	U		<0.0074	U		<0.0074	U	
		VMP-45-30-013013	1/30/2013	<0.01	U		<0.017	U		<0.016	U		<0.0071	U		<0.0091	J	U	<0.072	U		<0.013	U		<0.013	U	
		VMP-45-30-042913	4/29/2013	<0.012	J	U	<0.02	U		<0.02	U		<0.0087	U		<0.011	U		<0.087	U		<0.016	U		<0.016	U	
		VMP-45-30-080513	8/5/2013	<0.026	U		<0.041	U		<0.041	U		<0.018	U		<0.023	U		<0.18	U		<0.033	U		<0.033	U	
		VMP-45-30-102913	10/29/2013	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0032	J		<0.041	ND,UJ	UJ	<0.0076	U		<0.0076	U	
		VMP-45-30-020714	2/7/2014	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-45-30-042214	4/22/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	J	UJ	0.0072			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-45-30-080114	8/1/2014	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.004	U		0.0016	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-45-30-102414	10/24/2014	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.0036	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-45-30-111214-R	11/12/2014	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.025			<0.036	U		<0.0065	U		<0.0065	U	
		VMP-45-30-020615	2/6/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.0061		U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-45-30-020615-DUP	2/6/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0059		U	<0.038	U		<0.007	U		<0.007	U	
		VMP-45-30-042915	4/29/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-45-30-072115	7/21/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0014	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-45-30-072115-DUP	7/21/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	J	U	0.0011	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-45-30-102815	10/28/2015	<0.0051	U		<0.0082	U		<0.0081	U		0.0063			0.001	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-45-30-012516	1/25/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-45-30-042816	4/28/2016	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U	UJ	0.00045	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-45-30-042816-DUP	4/28/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U	UJ	0.00051	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-45-30-072716	7/27/2016	<0.0058	U		<0.0094	U		<0.0093	U		0.0023	J		0.0017	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-45-30-102816	10/28/2016	<0.0056	U		<0.009	U		0.0025	J		<0.0038	U		0.009			<0.039	U		<0.0071	U		<0.0071	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0007	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-47-5-012313-R	1/23/2013	<21	U		<33	U		<33	U		<14	U		<18	U		<140	U		<26	U		<26	U	
		VMP-47-5-060513	6/5/2013	<13	U		<21	U		<21	U		<9.2	U		<12	U		<92	U		<17	U		<17	U	
		VMP-47-5-072613	7/26/2013	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0064			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-47-5-110813	11/8/2013	<0.038	U		<0.062	U		<0.061	U		<0.027	U		0.027	J		<0.27	U		<0.049	U		<0.049	U	
		VMP-47-5-021814	2/18/2014	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-47-5-042914	4/29/2014	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-47-5-081314	8/13/2014	0.044			<0.021	U		0.0078	J		3.3		J	2.2			<0.091	U		<0.017	U		<0.017	U	
		VMP-47-5-093014-R	9/30/2014	<0.0052	U		<0.0083	U		<0.0082	U		0.00096	J		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-47-5-102814	10/28/2014	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0058	J	U	<0.046	U		<0.0084	U		<0.0084	U	
		VMP-47-5-020215	2/2/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-47-5-042815	4/28/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-47-5-072115	7/21/2015	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.0012	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-47-5-102715	10/27/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0013	J		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-47-5-012916	1/29/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-47-5-042516	4/25/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	J	U	<0.044	U		<0.0081	U		<0.0081	U	
		VMP-47-5-072516	7/25/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-47-5-102616	10/26/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	J	U	<0.04	U		<0.0074	U		<0.0074	U	
	10 ft	VMP-47-10-012113	1/21/2013	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-47-10-012313-R	1/23/2013	<0.52	U		<0.83	U		<0.82	U		<0.36	U		0.19	J		<3.6	U		<0.66	U		<0.66	U	
		VMP-47-10-060513	6/5/2013	<12	U		<20	U		<20	U		<8.5	U		<11	U		<85	U		<16	U		<16	U	
		VMP-47-10-072613	7/26/2013	<5.7	U		<9.2	U		<9.1	U		<4	U		3.4	J		<40	U		<7.3	U		<7.3	U	
		VMP-47-10-110813	11/8/2013	<0.024	U		<0.038	U		<0.038	U		<0.016	U		0.014	J		<0.16	U		<0.03	U		<0.03	U	
		VMP-47-10-021814	2/18/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-47-10-042914	4/29/2014	<0.0058	U		<0.0093	U		<0.0092	U		0.002	J		0.0013	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-47-10-073114	7/31/2014	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.00083	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-47-10-102814	10/28/2014	<0.0046	U		<0.0074	U		<0.0073	U		<0.0032	U		<0.0052		U	<0.032	U		<0.0059	U		<0.0059	U	
		VMP-47-10-020215	2/2/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.00072	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-47-10-042815	4/28/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-47-10-072115	7/21/2015	<0.0066	U		<0.011	U		0.0017	J		<0.0046	U		<0.0058	U		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-47-10-102715	10/27/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-47-10-012916	1/29/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-47-10-042516	4/25/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-47-10-080216	8/2/2016	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-47-10-102616	10/26/2016	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0023	J		<0.034	U		<0.0064	U		<0.0064	U	
	20 ft	VMP-47-20-012113	1/21/2013	<5.4	U		<8.6	U		<8.5	U		<3.7	U		<4.7	U		<37	U		<6.9	U		<6.9	U	
		VMP-47-20-012313-R	1/23/2013	<13	U		<20	U		<20	U		<8.8	U		<11	U		<88	U		<16	U		<16	U	
		VMP-47-20-060513	6/5/2013	<12	U		<20	U		<20	U		<8.6	U		<11	U		<86	U		<16	U		<16	U	
		VMP-47-20-060513-Dup	6/5/2013	<12	U		<19	U		<18	U		<8	U		<10	U		<81	U		<15	U		<15	U	
		VMP-47-20-072613	7/26/2013	<11	U		<17	U		<17	U		<7.4	U		5.7	J		<75	U		<14	U		<14	U	
		VMP-47-20-110813	11/8/2013	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0012	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-47-20-021914	2/19/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-47-20-042914	4/29/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-47-20-073114	7/31/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.00073	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-47-20-102814	10/28/2014	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0018	J		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-47-20-020215	2/2/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-47-20-042815	4/28/2015	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-47-20-072115	7/21/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-47-20-102715	10/27/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0022	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-47-20-012916	1/29/2016	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.003	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-47-20-042516	4/25/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-47-20-072516	7/25/2016	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.002	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-47-20-102616	10/26/2016	<0.0053	U		<0.0085	U		0.022			<0.0037	U		0.0034	J		<0.037	U		<0.0068	U		<0.0068	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	30 ft	VMP-47-30-012113	1/21/2013	<3.9	U		<6.3	U		<6.2	U		<2.7	U		<3.5	U		<27	U		<5	U		<5	U	
		VMP-47-30-012313-R	1/23/2013	<20	U		<33	U		<32	U		<14	U		<18	U		<140	U		<26	U		<26	U	
		VMP-47-30-060513	6/5/2013	<12	U		<20	U		<20	U		<8.6	U		<11	U		<87	U		<16	U		<16	U	
		VMP-47-30-072613	7/26/2013	<22	U		<36	U		<36	U		<16	U		15	J		<160	U		<29	U		<29	U	
		VMP-47-30-110813	11/8/2013	<0.055	U		<0.088	U		<0.088	U		<0.038	U		<0.049	U		<0.38	U		<0.07	U		<0.07	U	
		VMP-47-30-021914	2/19/2014	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-47-30-042914	4/29/2014	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-47-30-042914-Dup	4/29/2014	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-47-30-073114	7/31/2014	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		0.0015	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-47-30-073114-Dup	7/31/2014	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0013	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-47-30-102814	10/28/2014	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.02			<0.043	U		<0.0078	U		<0.0078	U	
		VMP-47-30-102814-DUP	10/28/2014	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.017			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-47-30-020215	2/2/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-47-30-020215-DUP	2/2/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-47-30-042815	4/28/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-47-30-042815-DUP	4/28/2015	<0.0061	U		<0.0098	U		<0.0097	U		0.0044			<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-47-30-072115	7/21/2015	<0.0063	U		<0.01	U		0.0022	J		<0.0044	U		0.003	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-47-30-102715	10/27/2015	<0.0049	U		<0.0079	U		0.0024	J		<0.0034	U		0.0011	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-47-30-102715-DUP	10/27/2015	<0.0052	U		<0.0084	U		0.0025	J		<0.0036	U		0.0011	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-47-30-012916-DUP	1/29/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.015			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-47-30-042516	4/25/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.0072			<0.043	U		<0.008	U		<0.008	U	
		VMP-47-30-042516-DUP	4/25/2016	<0.0071	U		<0.011	U		<0.011	U		<0.0049	U		<0.0063	J	U	<0.049	U		<0.0091	U		<0.0091	U	
		VMP-47-30-072516	7/25/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-47-30-102616	10/26/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0086			<0.041	U		<0.0075	U		<0.0075	U	
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	<0.0055	U		<0.0088	U		<0.0087	J	U	<0.0038	U		<0.0048	J	U	0.0031	J		<0.007	U		<0.007	U	
		VMP-48-5-050313	5/3/2013	<0.0057	U		<0.0092	U		0.0026	J		<0.004	U		<0.0051	J	U	<0.04	J	U	<0.0073	U		<0.0073	U	
		VMP-48-5-080613	8/6/2013	<0.0059	U		<0.0095	U		<0.0094	U		0.0022	J		0.0012	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-48-5-110513	11/5/2013	0.00031	J		<0.009	U		<0.0088	U		0.00091	J		0.0037	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-48-5-022814	2/28/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-48-5-042814	4/28/2014	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-48-5-080114	8/1/2014	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-48-05-102914	10/29/2014	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.003	J		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-48-5-020215	2/2/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0012	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-48-5-042815	4/28/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0036	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-48-5-072115	7/21/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-48-5-102015	10/20/2015	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-48-5-012916	1/29/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		0.0043	J		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-48-5-042516	4/25/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-48-5-072516	7/25/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.00082	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-48-5-102616	10/26/2016	<0.0048	U		<0.0078	U		<0.0077	U		<0.0033	U		0.011			<0.034	U		<0.0062	U		<0.0062	U	
	10 ft	VMP-48-10-020113	2/1/2013	<0.0057	U		<0.0091	U		<0.009	J	U	<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-48-10-050813	5/8/2013	<0.0062	U		<0.01	U		<0.0099	J	U	<0.0043	U		0.0015	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-48-10-080613	8/6/2013	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0021	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-48-10-103113	10/31/2013	<0.0059	U		<0.0095	U		0.0011	J		0.00057	J		0.0011	J		<0.041	J	U	0.00054	J		<0.0076	U	
		VMP-48-10-021814	2/18/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-48-10-042814	4/28/2014	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-48-10-080114	8/1/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0016	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-48-10-102914	10/29/2014	<0.005	U		<0.008	U		0.002	J		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		0.0024	J	
		VMP-48-10-020215	2/2/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-48-10-042815	4/28/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		0.0032	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-48-10-042815-DUP	4/28/2015	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0037	J		<0.038	J	U	<0.007	U		<0.007	U	
		VMP-48-10-072115	7/21/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-48-10-102015	10/20/2015	<0.0058	U		<0.0094	U		0.0046	J		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-48-10-012916	1/29/2016	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-48-10-042516	4/25/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0022	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-48-10-072516	7/25/2016	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		0.0013	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-48-10-102616	10/26/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.002	J		<0.037	U		<0.0069	U		<0.0069	U	
	20 ft	VMP-48-20-020113	2/1/2013	<0.0054	U		<0.0088	U		<0.0086	J	U	<0.0038	U		<0.0048	J	U	<0.038	U		<0.007	U		<0.007	U	
		VMP-48-20-103113	10/31/2013	<0.0056	U		<0.009	U		0.00088	J		<0.0039	U		0.00025	J		<0.039	U		0.00052	J		<0.0072	U	
		VMP-48-20-021814	2/18/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-48-20-042814	4/28/2014	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-48-20-080114	8/1/2014	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.00071	J		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-48-20-102914	10/29/2014	0.0017	J	J	<0.0096	U	UJ	0.0023	J	J	0.0047		J	0.021		J	<0.041	U	UJ	<0.0076	U	UJ	<0.0076	U	UJ
		VMP-48-20-111814-R	11/18/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-48-20-020215	2/2/2015	<0.0048	U		<0.0078	U		<0.0077	U		<0.0034	U		<0.0043	U		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-48-20-042815	4/28/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		0.0017	J		<0.0066	U		<0.0066	U	
		VMP-48-20-102015	10/20/2015	<0.0056	U		<0.009	U		<0.0089	U		0.0035	J		0.0073			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-48-20-042516	4/25/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0017	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-48-20-102616	10/26/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	J	U	<0.037	U		<0.0068	U		<0.0068	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-48	30 ft	VMP-48-30-020113	2/1/2013	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		0.005			<0.039	U		<0.0071	U		<0.0071	U	
		VMP-48-30-020113-DUP	2/1/2013	<0.022	U		<0.036	U		0.0084	J		<0.015	U		0.0054	J		<0.15	U		<0.028	U		<0.028	U	
		VMP-48-30-050313	5/3/2013	0.0012	J		<0.0084	U		0.0013	J		<0.0036	U		0.0055			<0.036	J	U	<0.0067	U		<0.0067	U	
		VMP-48-30-080613	8/6/2013	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0014	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-48-30-110513	11/5/2013	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.00052	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-48-30-021814	2/18/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-48-30-042814	4/28/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-48-30-042814-DUP	4/28/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-48-30-080114	8/1/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0044	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-48-30-080114-Dup	8/1/2014	<0.0053	U		<0.0086	U		<0.0085	J	U	<0.0037	U		0.013			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-48-30-102914	10/29/2014	<0.006	U	UJ	<0.0096	U	UJ	<0.0095	U	UJ	0.0098		J	0.026		J	<0.042	U	UJ	<0.0077	U	UJ	<0.0077	U	UJ
		VMP-48-30-111814-R	11/18/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-48-30-020215	2/2/2015	<0.0043	U		<0.0069	U		<0.0068	U		<0.003	U		0.0006	J		<0.03	U		<0.0055	U		<0.0055	U	
		VMP-48-30-042815	4/28/2015	<0.0063	U		0.14			0.11			<0.0044	U		0.0082			0.0031	J		0.0021	J		0.0036	J	
		VMP-48-30-080315	8/3/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.0015	J		<0.043	U	UJ	<0.008	U		<0.008	U	
		VMP-48-30-102015	10/20/2015	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.0051			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-48-30-102015-DUP	10/20/2015	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.0033	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-48-30-012916	1/29/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-48-30-042516	4/25/2016	<0.0068	U		<0.011	U		0.0029	J		<0.0047	U		0.025			<0.047	U		<0.0086	U		<0.0086	U	
		VMP-48-30-042516-DUP	4/25/2016	<0.0059	U		<0.0096	U		0.0031	J		<0.0041	U		0.018			<0.041	U		<0.0076	U		<0.0076	U	
		VMP-48-30-072516	7/25/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0015	J		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-48-30-102616	10/26/2016	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.014		J	<0.035	U		<0.0065	U		<0.0065	U	
		VMP-48-30-102616-Dup	10/26/2016	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0026	J	J	<0.038	U		<0.007	U		<0.007	U	
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.004	U		<0.0051	J	U	<0.04	J	U	<0.0073	U		<0.0073	U	
		VMP-49-5-050713	5/7/2013	<0.0068	U		<0.011	U		<0.011	J	U	<0.0047	U		0.00075	J		<0.048	U		<0.0088	U		<0.0088	U	
		VMP-49-5-080613	8/6/2013	<0.0066	U		<0.01	U		<0.01	U		<0.0045	U		0.0022	J		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-49-5-111113	11/11/2013	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.0023	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-49-5-021814	2/18/2014	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-49-5-042814	4/28/2014	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-49-5-080114	8/1/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-49-5-102914	10/29/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.0039	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-49-5-102914-DUP	10/29/2014	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		0.0042	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-49-5-020215	2/3/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-49-5-042815	4/28/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-49-5-073015	7/30/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		0.0016	J		<0.0075	U	
		VMP-49-5-110315	11/3/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0019	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-49-5-020116	2/1/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0023	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-49-5-042616	4/26/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.002	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-49-5-080116	8/1/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0012	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-49-5-102716	10/27/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
	10 ft	VMP-49-10-020113	2/1/2013	<0.0056	U		<0.0091	U		<0.009	J	U	<0.0039	U		<0.005	J	U	<0.039	J	U	<0.0072	U		<0.0072	U	
		VMP-49-10-050713	5/7/2013	<0.0058	U		<0.0094	U		<0.0093	J	U	0.001	J		0.0063			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-49-10-050713-Dup	5/7/2013	<0.0064	U		<0.01	U		<0.01	J	U	<0.0044	U		0.0027	J		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-49-10-080613	8/6/2013	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.0012	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-49-10-103113	10/31/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.00023	J		<0.042	U		0.00067	J		<0.0077	U	
		VMP-49-10-021814	2/18/2014	<0.0053	U		<0.0085	U		<0.0084	U		0.001	J		0.0011	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-49-10-042814	4/28/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-49-10-080114	8/1/2014	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-49-10-102914	10/29/2014	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.002	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-49-10-020215	2/3/2015	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-49-10-042815	4/28/2015	<0.0079	U		<0.013	U		<0.012	U		<0.0054	U		<0.007	U		<0.055	U	UJ	<0.01	U		<0.01	U	
		VMP-49-10-073015	7/30/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U	UJ	<0.0082	U		<0.0082	U	
		VMP-49-10-110315	11/3/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0019	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-49-10-020116	2/1/2016	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		0.0013	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-49-10-042616	4/26/2016	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.00098	J		<0.048	U		<0.0088	U		<0.0088	U	
		VMP-49-10-080116	8/1/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0014	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-49-10-102716	10/27/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0013	J		<0.041	U		<0.0075	U		<0.0075	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	20 ft	VMP-49-20-020113	2/1/2013	<0.0055	U		<0.0088	U		<0.0088	J	U	<0.0038	U		<0.0049	J	U	<0.038	U		<0.007	U		<0.007	U	
		VMP-49-20-050913	5/9/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-49-20-080613	8/6/2013	<0.0066	U		<0.01	U		<0.01	U		0.001	J		0.0008	J		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-49-20-080613-Dup	8/6/2013	<0.0061	U		<0.0098	U		0.0025	J		<0.0042	U		0.0073			<0.043	U		<0.0078	U		<0.0078	U	
		VMP-49-20-111113	11/11/2013	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-49-20-021814	2/18/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.00063	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-49-20-042814	4/28/2014	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-49-20-080114	8/1/2014	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-49-20-102914	10/29/2014	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0014	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-49-20-020215	2/3/2015	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-49-20-073015	7/30/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.003	J		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-49-20-110315	11/3/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0016	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-49-20-020116	2/1/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.00088	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-49-20-042616	4/26/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.001	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-49-20-080116	8/1/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0016	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-49-20-102716	10/27/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
	30 ft	VMP-49-30-020113	2/1/2013	0.068	J		<0.42	U		<0.42	U		<0.18	U		0.049	J		0.15	J		<0.34	U		<0.34	U	
		VMP-49-30-050813	5/8/2013	<0.55	U		<0.89	U		<0.88	U		<0.38	U		<0.49	U		<3.8	U		<0.71	U		<0.71	U	
		VMP-49-30-080613	8/6/2013	<0.53	U		<0.86	U		<0.85	U		<0.37	U		<0.47	U		<3.7	U		<0.68	U		<0.68	U	
		VMP-49-30-111113	11/11/2013	<0.18	U		<0.28	U		<0.28	U		<0.12	U		<0.16	U		<1.2	U		<0.23	U		<0.23	U	
		VMP-49-30-021814	2/18/2014	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-49-30-021814-Dup	2/18/2014	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-49-30-042814	4/28/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-49-30-080114	8/1/2014	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-49-30-102914	10/29/2014	<0.0059	U		<0.0096	U		<0.0095	U		0.0028	J		0.0065			<0.041	U		<0.0076	U		<0.0076	U	
		VMP-49-30-020215	2/3/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0012	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-49-30-042815	4/28/2015	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U	UJ	<0.0083	U		<0.0083	U	
		VMP-49-30-073015	7/30/2015	<0.8	U		<1.3	U		<1.3	U		<0.55	U		<0.7	U		<5.6	U		<1	U		<1	U	
		VMP-49-30-073015-DUP	7/30/2015	<0.78	U		<1.2	U		<1.2	U		<0.54	U		<0.68	U		<5.4	U		<0.99	U		<0.99	U	
		VMP-49-30-110315	11/3/2015	<0.0057	U		<0.0092	U		<0.0091	U		0.0012	J	J	0.0034	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-49-30-110315-DUP	11/3/2015	<0.0053	U		<0.0085	U		0.0039	J		<0.0036	U		0.0016	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-49-30-020116	2/1/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-49-30-020116-DUP	2/1/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0008	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-49-30-042716	4/27/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-49-30-042716-DUP	4/27/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.007			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-49-30-080116	8/1/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.00083	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-49-30-080116-DUP	8/1/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0025	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-49-30-102716	10/27/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	J	U	<0.044	U		<0.0081	U		<0.0081	U	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0037	U		<0.0047	J	U	<0.037	J	U	0.0078			<0.0069	U	
		VMP-50-5-050713	5/7/2013	<0.006	U		<0.0097	U		0.0019	J		<0.0042	U		<0.0054	J	U	<0.042	J	U	0.017			<0.0077	U	
		VMP-50-5-080713	8/7/2013	<0.0058	U		<0.0094	U		0.0034	J		<0.004	U		0.00093	J		<0.041	U		0.0081			<0.0075	U	
		VMP-50-5-110713	11/7/2013	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	UJ	<0.0074	U		<0.0074	U	
		VMP-50-5-022614	2/26/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-50-5-043014	4/30/2014	<0.0046	U		<0.0074	U		<0.0073	U		<0.0032	U		0.00087	J		<0.032	U		0.002	J		<0.0059	U	
		VMP-50-5-081414	8/14/2014	<0.0062	U		<0.01	U		0.011			<0.0043	U	UJ	0.0015	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-50-5-110614	11/6/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-50-5-021015	2/10/2015	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0011	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-50-5-050515	5/5/2015	<0.0063	U		<0.01	U		0.0024	J		<0.0043	U		<0.0056	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-50-5-073015	7/30/2015	<0.0061	U		<0.0099	U		0.014			<0.0042	U		<0.0054	U		<0.043	U	UJ	<0.0078	U		<0.0078	U	
		VMP-50-5-110315	11/3/2015	<0.0049	U		<0.0079	U		0.0076	J		<0.0034	U		0.0016	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-50-5-020216	2/2/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U	UJ	<0.0078	U		<0.0078	U	
		VMP-50-5-050316	5/3/2016	<0.0056	U		<0.0091	U		0.0031	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-50-5-080216	8/2/2016	<0.0077	U		<0.012	U		0.018			<0.0053	U		0.0016	J		<0.053	U		<0.0098	U		<0.0098	U	
		VMP-50-5-103116	10/31/2016	<0.0097	U		<0.016	U		0.0047	J		<0.0067	U		0.016			<0.068	U		<0.012	U		<0.012	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-50	10 ft	VMP-50-10-020113	2/1/2013	<0.0059	U		<0.0095	U		0.0056	J		<0.0041	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U	
		VMP-50-10-050713	5/7/2013	<0.0064	U		<0.01	U		0.0029	J		<0.0044	U		<0.0057	J	U	<0.045	J	U	0.0067	J		<0.0082	U	
		VMP-50-10-080713	8/7/2013	<0.006	U		<0.0097	U		0.0053	J		0.002	J		<0.0053	U		<0.042	U		0.0026	J		<0.0077	U	
		VMP-50-10-080713-Dup	8/7/2013	<0.006	U		<0.0097	U		0.0042	J		0.0013	J		<0.0054	U		<0.042	U		0.0022	J		<0.0077	U	
		VMP-50-10-110713	11/7/2013	<0.0054	U		<0.0087	U		0.004	J		<0.0037	U		<0.0048	U		<0.038	U	UJ	<0.0069	U		<0.0069	U	
		VMP-50-10-022614	2/26/2014	<0.005	U		<0.008	U		<0.0079	J	U	<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-50-10-043014	4/30/2014	<0.005	U		<0.0081	U		0.0016	J		<0.0035	U		0.0069			<0.035	U		0.0012	J		<0.0065	U	
		VMP-50-10-081414	8/14/2014	<0.0068	U		<0.011	U		0.012			<0.0047	U	UJ	0.00095	J		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-50-10-110614	11/6/2014	<0.0056	U		<0.0091	U		0.0034	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-50-10-021015	2/10/2015	<0.0053	U		<0.0085	U		0.0021	J		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-50-10-050515	5/5/2015	<0.0057	U		<0.0091	U		0.0031	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-50-10-073015	7/30/2015	<0.0064	U		<0.01	U		0.019			<0.0044	U		<0.0057	U		<0.045	U	UJ	<0.0082	U		<0.0082	U	
		VMP-50-10-110315	11/3/2015	<0.0054	U		<0.0086	U		0.011			<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-50-10-020216	2/2/2016	<0.0052	U		<0.0083	U		0.0021	J		<0.0036	U		0.0012	J		<0.036	U	UJ	<0.0066	U		<0.0066	U	
		VMP-50-10-050316	5/3/2016	<0.0054	U		<0.0087	U		0.0036	J		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-50-10-082616	8/26/2016	<0.0054	U		<0.0088	U		0.013			<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-50-10-103116	10/31/2016	<0.0056	U		<0.0091	U		0.01			<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
	20 ft	VMP-50-20-020113	2/1/2013	<0.023	U		<0.037	U		<0.036	U		<0.016	U		0.0073	J		<0.16	U		<0.029	U		<0.029	U	
		VMP-50-20-050713	5/7/2013	<0.044	U		<0.071	U		<0.07	U		<0.03	U		0.04			<0.31	U		<0.056	U		<0.056	U	
		VMP-50-20-080713	8/7/2013	<0.021	U		<0.034	U		<0.034	U		<0.015	U		0.0032	J		<0.15	U		<0.027	U		<0.027	U	
		VMP-50-20-110713	11/7/2013	<0.0058	U		0.0043	J		0.0029	J		<0.004	U		<0.0051	U		<0.04	U	UJ	<0.0074	U		<0.0074	U	
		VMP-50-20-110713-Dup	11/7/2013	<0.0059	U		<0.0095	U		0.0033	J		<0.0041	U		<0.0052	U		<0.041	U	UJ	<0.0075	U		<0.0075	U	
		VMP-50-20-022614	2/26/2014	<0.0053	U		<0.0085	U		<0.0084	J	U	<0.0036	U		<0.0047	J	U	<0.037	U		<0.0068	U		<0.0068	U	
		VMP-50-20-043014	4/30/2014	<0.01	U		<0.016	U		<0.016	U		<0.0071	U		<0.0091	U		<0.072	U		<0.013	U		<0.013	U	
		VMP-50-20-081414	8/14/2014	0.0025	J		<0.0097	U		0.0075	J		<0.0042	U	UJ	0.0089			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-50-20-110614	11/6/2014	<0.005	U		<0.008	U		0.0031	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-50-20-021015	2/10/2015	<0.005	U		<0.0081	U		0.0015	J		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-50-20-050515	5/5/2015	<0.0061	U		<0.0098	U		0.0034	J		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-50-20-073015	7/30/2015	<0.0059	U		<0.0095	U		0.013			<0.0041	U		0.0014	J		<0.041	U	UJ	<0.0076	U		<0.0076	U	
		VMP-50-20-110315	11/3/2015	<0.0059	U		<0.0095	U		0.012			0.0027	J	J	0.014			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-50-20-020216	2/2/2016	<0.0071	U		<0.011	U		0.0024	J		<0.0049	U		<0.0063	U		<0.05	U	UJ	<0.0091	U		<0.0091	U	
		VMP-50-20-050316	5/3/2016	<0.0068	U		<0.011	U		0.0038	J		<0.0047	U		0.0015	J		<0.048	U		<0.0088	U		<0.0088	U	
		VMP-50-20-082616	8/26/2016	<0.0058	U		<0.0094	U		0.0073	J		<0.004	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U	
		VMP-50-20-103116	10/31/2016	<0.006	U		<0.0097	U		0.0066	J		<0.0042	U		0.0044	J		<0.042	U		<0.0077	U		<0.0077	U	
	30 ft	VMP-50-30-020113	2/1/2013	<5.5	U		<8.9	U		<8.8	U		<3.8	U		740			4.2	J		<7.1	U		<7.1	U	
		VMP-50-30-050713	5/7/2013	1.6	J		<5.3	U		<5.2	U		<2.3	U		1300			<23	U		<4.2	U		<4.2	U	
		VMP-50-30-080713	8/7/2013	<6	U		<9.7	U		<9.6	U		<4.2	U		<5.3	U		<42	U		<7.7	U		<7.7	U	
		VMP-50-30-110713	11/7/2013	<0.97	U		<1.6	U		<1.5	U		<0.67	U		890			<6.8	U		<1.2	U		<1.2	U	
		VMP-50-30-022614	2/26/2014	<0.89	U		<1.4	U		<1.4	U		<0.62	U		400			<6.2	U		<1.1	U		<1.1	U	
		VMP-50-30-022614-Dup	2/26/2014	<0.83	U		<1.3	U		<1.3	U		<0.57	U		390			<5.8	U		<1	U		<1	U	
		VMP-50-30-043014	4/30/2014	<2.7	U		<4.3	U		<4.3	U		<1.8	U		360			<19	U		<3.4	U		<3.4	U	
		VMP-50-30-043014-DUP	4/30/2014	<2.6	U		<4.2	U		<4.2	U		<1.8	U		380			<18	U		<3.4	U		<3.4	U	
		VMP-50-30-081414	8/14/2014	<0.22	U		<0.36	U		<0.36	U		<0.15	U	UJ	120			<1.6	U		<0.29	U		<0.29	U	
		VMP-50-30-081414-Dup	8/14/2014	<0.21	U		<0.33	U		<0.33	U		<0.14	U	UJ	120			<1.4	U		<0.26	U		<0.26	U	
		VMP-50-30-110614	11/6/2014	<0.53	U		<0.85	U		<0.84	U		<0.37	U		230			<3.7	U		<0.68	U		<0.68	U	
		VMP-50-30-110614-DUP	11/6/2014	<0.6	U		<0.97	U		<0.96	U		<0.42	U		230			<4.2	U		<0.77	U		<0.77	U	
		VMP-50-30-021015	2/10/2015	<1.3	U		<2.1	U		<2.1	U		<0.92	U		220			<9.3	U		<1.7	U		<1.7	U	
		VMP-50-30-050515	5/5/2015	<1.2	U		<2	U					<0.87	U		140			<8.8	U		<1.6	U		<1.6	U	
		VMP-50-30-061515-R	6/15/2015	<0.58	U		<0.94	U		<0.93	U		<0.4	U		140			<4.1	U		<0.75	U		<0.75	U	
		VMP-50-30-073015	7/30/2015	<0.84	U		<1.4	U		<1.3	U		<0.58	U		96			<5.8	U		<1.1	U		<1.1	U	
		VMP-50-30-110315	11/3/2015	<0.057	U		<0.092	U		<0.091	U		<0.04	U		42			<0.4	U		<0.073	U		<0.073	U	
		VMP-50-30-020216	2/2/2016	<1.7	U		<2.8	U		<2.8	U		<1.2	U		34			<12	U		<2.2	U		<2.2	U	
		VMP-50-30-020216-DUP	2/2/2016	<2	U		<3.2	U		<3.1	U		<1.4	U		37			<14	U		<2.5	U		<2.5	U	
		VMP-50-30-050316	5/3/2016	<0.2	U		<0.33	U		<0.32	U		<0.14	U		8.4			<1.4	U		<0.26	U		<0.26	U	
		VMP-50-30-080216	8/2/2016	<0.06	U		<0.097	U		<0.096	U		<0.042	U		10			<0.42	U		<0.077	U		<0.077	U	
		VMP-50-30-103116	10/31/2016	<0.12	U		<0.19	U		<0.19	U		<0.083	U		3.4			<0.84	ND,UJ	UJ	<0.15	U		<0.15	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	<0.0058	U		<0.0094	U		<0.0092	J	U	<0.004	U		<0.0051	J	U	<0.04	U		0.0031	J		<0.0074	U	
		VMP-51-5-050213	5/2/2013	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		0.0038	J		<0.0069	U	
		VMP-51-5-080713	8/7/2013	<0.012	U		<0.019	U		<0.019	U		<0.0081	U		<0.01	U		<0.081	U		<0.015	U		<0.015	U	
		VMP-51-5-103013	10/30/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.0013	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-51-5-021814	2/18/2014	<0.0049	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.034	ND,UJ	UJ	<0.0063	U		<0.0063	U	
		VMP-51-5-042814	4/28/2014	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-51-5-080114	8/1/2014	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-51-05-102914	10/29/2014	<0.0051	U		<0.0082	U		0.0021	J		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-51-5-020315	2/3/2015	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-51-5-042915	4/29/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-51-5-072115	7/21/2015	<0.0056	U		<0.009	U		<0.0088	U		0.0022	J		0.016			<0.039	U		<0.0071	U		<0.0071	U	
		VMP-51-5-102815	10/28/2015	<0.0064	U		<0.01	U		<0.01	U		0.019			0.0044	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-51-5-012516	1/25/2016	<0.0048	U		<0.0077	U		<0.0076	U		<0.0033	U		<0.0042	U		<0.033	U		<0.0061	U		<0.0061	U	
		VMP-51-5-042816	4/28/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0007	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-51-5-072716	7/27/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0014	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-51-5-101916	10/19/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.00049	J		<0.042	U		<0.0077	U		<0.0077	U	
	10 ft	VMP-51-10-020113	2/1/2013	<0.0059	U		<0.0095	U		0.0036	J		<0.0041	U		<0.0052	J	U	<0.041	U		<0.0075	U		<0.0075	U	
		VMP-51-10-050213	5/2/2013	<0.0061	J	U	<0.0098	U		<0.0097	U		<0.0042	U		0.00099	J		<0.042	U		0.0024	J		<0.0078	U	
		VMP-51-10-080713	8/7/2013	<0.006	U		<0.0097	U		0.0031	J		<0.0042	U		0.00062	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-51-10-103013	10/30/2013	<0.0056	U		<0.0091	U		0.00095	J		<0.0039	U		0.00063	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-51-10-021814	2/18/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	ND,UJ	UJ	<0.0069	U		<0.0069	U	
		VMP-51-10-042814	4/28/2014	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-51-10-080114	8/1/2014	<0.0056	U		<0.009	U		0.0024	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-51-10-102914	10/29/2014	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-51-10-020315	2/3/2015	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-51-10-042915	4/29/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0015	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-51-10-072115	7/21/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-51-10-102815	10/28/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-51-10-012516	1/25/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-51-10-042816	4/28/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.015			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-51-10-042816-DUP	4/28/2016	<0.006	U		<0.0097	U		<0.0096	U		0.003	J		0.02			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-51-10-072716	7/27/2016	<0.0062	U		<0.01	U		0.0053	J		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-51-10-101916	10/19/2016	<0.0049	U		<0.0079	U		0.00096	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	<0.0056	U		<0.0091	U		0.0012	J		<0.0039	U		0.00065	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-51-20-050213	5/2/2013	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-51-20-080713	8/7/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.00078	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-51-20-103013	10/30/2013	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.00053	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-51-20-021814	2/18/2014	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	ND,UJ	UJ	<0.0073	U		<0.0073	U	
		VMP-51-20-042814	4/28/2014	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-51-20-080114	8/1/2014	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-51-20-102914	10/29/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-51-20-020315	2/3/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-51-20-042915	4/29/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0046	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-51-20-072115	7/21/2015	<0.0076	U		<0.012	U		<0.012	U		<0.0053	U		0.0016	J		<0.053	U		<0.0097	U		<0.0097	U	
		VMP-51-20-102815	10/28/2015	<0.0054	U		<0.0086	U		<0.0085	U		0.01			<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-51-20-012516	1/25/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-51-20-042816	4/28/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		0.00074	J		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-51-20-052516-R	5/25/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0091			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-51-20-072716	7/27/2016	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		0.0021	J		<0.048	U		<0.0088	U		<0.0088	U	
		VMP-51-20-101916-Dup	10/19/2016	<0.0054	U		<0.0088	U		0.001	J		<0.0038	U		0.0035	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-51-20-101916	10/19/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.001	J		<0.037	U		<0.0068	U		<0.0068	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	30 ft	VMP-51-30-020413	2/4/2013	<0.0062	U		<0.0099	U		<0.0098	J	U	<0.0043	U		<0.0054	J	U	<0.043	J	U	<0.0079	U		<0.0079	U	
		VMP-51-30-020413-DUP	2/4/2013	<0.006	U		<0.0096	U		<0.0095	J	U	<0.0041	U		<0.0053	J	U	<0.042	U		<0.0077	U		<0.0077	U	
		VMP-51-30-050213	5/2/2013	<0.0061	U		<0.0098	U		0.012			<0.0042	U		<0.0054	J	U	<0.043	U		<0.0078	U		<0.0078	U	
		VMP-51-30-080713	8/7/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.002	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-51-30-103013	10/30/2013	<0.011	U		<0.018	U		<0.018	U		<0.0077	U		0.0019	J		<0.077	U		<0.014	U		<0.014	U	
		VMP-51-30-021814	2/18/2014	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	ND,UJ	UJ	<0.0074	U		<0.0074	U	
		VMP-51-30-042814	4/28/2014	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-51-30-080114	8/1/2014	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		0.0027	J		<0.0076	U	
		VMP-51-30-102914	10/29/2014	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0016	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-51-30-102914-DUP	10/29/2014	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		0.0012	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-51-30-020315	2/3/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.00096	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-51-30-020315-DUP	2/3/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0023	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-51-30-042915	4/29/2015	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.0097			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-51-30-042915-DUP	4/29/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0083			<0.039	U		<0.0072	U		<0.0072	U	
		VMP-51-30-072115	7/21/2015	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		0.001	J		<0.007	U	
		VMP-51-30-102815	10/28/2015	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		<0.0058	U		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-51-30-012516	1/25/2016	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-51-30-012516-DUP	1/25/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-51-30-042816	4/28/2016	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.00072	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-51-30-072716	7/27/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0005	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-51-30-072716-DUP	7/27/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.00043	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-51-30-101916	10/19/2016	0.00081	J		<0.0095	U		0.0012	J		<0.0041	U		0.013			<0.041	U		<0.0076	U		<0.0076	U	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	<0.0054	U		<0.0086	U		<0.0085	J	U	<0.0037	U		<0.0047	J	U	<0.037	J	U	0.02			<0.0069	U	
		VMP-52-5-050213	5/2/2013	0.0018	J		<0.01	U		<0.01	U		<0.0044	U		0.006		J	<0.044	U		0.0085			<0.0081	U	
		VMP-52-5-050213-Dup	5/2/2013	0.0023	J		<0.0096	U		<0.0095	U		<0.0041	U		0.026		J	<0.042	U		0.0075	J		<0.0076	U	
		VMP-52-5-080713	8/7/2013	<0.006	U		<0.0097	U		0.0016	J		<0.0042	U		0.00088	J		<0.042	U		0.02			<0.0077	U	
		VMP-52-5-103013	10/30/2013	<0.0056	U		<0.009	U		0.00066	J		<0.0038	U		0.0035	J		<0.039	U		0.0024	J		<0.0071	U	
		VMP-52-5-022114	2/21/2014	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		0.0012	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-52-5-050514	5/5/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0031	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-52-5-050514-Dup	5/5/2014	<0.0052	U		<0.0083	U		0.0017	J		<0.0036	U		0.0061			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-52-5-080114	8/1/2014	<0.0058	U		<0.0094	U		<0.0092	J	U	<0.004	U		<0.0051	U		<0.04	U		0.0051	J		<0.0074	U	
		VMP-52-5-103114	10/31/2014	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		0.0014	J		<0.0066	U	
		VMP-52-5-020415	2/4/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-52-5-042915	4/29/2015	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	U		<0.008	U		<0.008	U	
		VMP-52-5-072715	7/27/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		0.0021	J		<0.008	U	
		VMP-52-5-102915	10/29/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-52-5-012516	1/25/2016	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-52-5-042516	4/25/2016	0.0019	J		<0.0085	U		0.0037	J		<0.0036	U		0.1			<0.037	U		<0.0067	U		<0.0067	U	
		VMP-52-5-072716	7/27/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-52-5-102716	10/27/2016	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
	10 ft	VMP-52-10-020413	2/4/2013	<0.0051	U		<0.0082	U		<0.0081	J	U	<0.0035	U		<0.0045	J	U	<0.036	J	U	0.022			<0.0065	U	
		VMP-52-10-051613	5/16/2013	<0.0061	U		<0.0098	U		<0.0097	J	U	<0.0042	U		0.014			<0.042	J	U	0.016			<0.0078	U	
		VMP-52-10-080713	8/7/2013	<0.0062	U		<0.0099	U		0.0016	J		<0.0043	U		<0.0054	U		<0.043	U		0.011			<0.0079	U	
		VMP-52-10-103013	10/30/2013	<0.0056	U		<0.0091	U		0.0019	J		<0.0039	U		0.001	J		<0.039	U		0.0027	J		<0.0072	U	
		VMP-52-10-022114	2/21/2014	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-52-10-080114	8/1/2014	<0.006	U		<0.0096	U		<0.0095	J	U	<0.0041	U		<0.0053	U		<0.042	U		0.0022	J		<0.0076	U	
		VMP-52-10-103114	10/31/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		0.0019	J		<0.0075	U	
		VMP-52-10-020415	2/4/2015	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-52-10-042915	4/29/2015	<0.007	U		<0.011	U		<0.011	U		<0.0048	U		<0.0062	U		<0.049	U		<0.009	U		<0.009	U	
		VMP-52-10-072715	7/27/2015	<0.0058	U		<0.0093	U		0.0021	J		<0.004	U		<0.0051	U		<0.04	U		0.00096	J		<0.0074	U	
		VMP-52-10-102915	10/29/2015	<0.0064	U		<0.01	U		0.0032	J		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-52-10-012516	1/25/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-52-10-042516	4/25/2016	<0.0066	U		<0.011	U		<0.01	U		<0.0046	U		0.00056	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-52-10-072716	7/27/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		0.0082			<0.046	U		<0.0085	U		<0.0085	U	
		VMP-52-10-102716	10/27/2016	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-52	20 ft	VMP-52-20-020413	2/4/2013	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.004	U		0.0026	J		<0.04	J	U	<0.0073	U		<0.0073	U	
		VMP-52-20-020413-DUP	2/4/2013	<0.0055	U		<0.0088	U		0.0024	J		<0.0038	U		0.0017	J		<0.038	J	U	<0.007	U		<0.007	U	
		VMP-52-20-050213	5/2/2013	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-52-20-080713	8/7/2013	<0.0066	U		<0.011	U		<0.01	U		0.0027	J		0.0022	J		<0.046	U		<0.0085	U		<0.0085	U	
		VMP-52-20-103013	10/30/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.0011	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-52-20-022114	2/21/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.00074	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-52-20-042914	4/29/2014	<0.0056	U		<0.0091	U		<0.009	U		0.00099	J		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-52-20-082014-R	8/20/2014	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U	UJ	<0.041	U		<0.0075	U		<0.0075	U	
		VMP-52-20-103114	10/31/2014	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0048			<0.038	U		<0.007	U		<0.007	U	
		VMP-52-20-020415	2/4/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-52-20-042915	4/29/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-52-20-072715	7/27/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-52-20-102915	10/29/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-52-20-012516	1/25/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-52-20-042516	4/25/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-52-20-072716	7/27/2016	<0.007	U		<0.011	U		<0.011	U		<0.0048	U		0.00055	J		<0.049	U		<0.0089	U		<0.0089	U	
		VMP-52-20-102716	10/27/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0044	J		<0.038	U		<0.0069	U		<0.0069	U	
	30 ft	VMP-52-30-020413	2/4/2013	<0.006	U		<0.0096	U		<0.0095	J	U	<0.0041	U		<0.0053	J	U	<0.042	J	U	<0.0077	U		<0.0077	U	
		VMP-52-30-050613	5/6/2013	<0.0058	U		<0.0094	U		<0.0093	J	U	<0.004	U		0.00091	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-52-30-080713	8/7/2013	<0.0062	U		<0.0099	U		0.00092	J		<0.0043	U		0.0017	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-52-30-103013	10/30/2013	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.00053	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-52-30-022114	2/21/2014	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-52-30-022114-Dup	2/21/2014	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-52-30-042914	4/29/2014	<0.0053	U		<0.0086	U		<0.0085	U		0.00082	J		0.00088	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-52-30-042914-DUP	4/29/2014	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.0009	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-52-30-080114	8/1/2014	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0011	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-52-30-080114-Dup	8/1/2014	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		0.0021	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-52-30-103114	10/31/2014	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-52-30-020415	2/4/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-52-30-020415-DUP	2/4/2015	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-52-30-042915	4/29/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-52-30-072715	7/27/2015	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-52-30-102915	10/29/2015	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		0.0014	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-52-30-020216-R	2/2/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.00072	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-52-30-042516	4/25/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.00063	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-52-30-072716	7/27/2016	<0.007	U		<0.011	U		<0.011	U		<0.0049	U		<0.0062	U		<0.049	U		<0.009	U		<0.009	U	
		VMP-52-30-102716	10/27/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	<0.0055	U		<0.0088	U		<0.0088	J	U	<0.0038	U		<0.0049	J	U	<0.038	U		<0.007	U		<0.007	U	
		VMP-53-5-050213	5/2/2013	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0058	J	U	<0.045	U		<0.0083	U		<0.0083	U	
		VMP-53-5-071113-R	7/11/2013	0.001	J		<0.014	U	UJ	0.005	J		<0.006	U		0.0022	J		0.025	J	J	<0.011	U		<0.011	U	
		VMP-53-5-080613	8/6/2013	<0.011	U		<0.018	U		<0.018	U		<0.0079	U		0.0012	J		<0.08	U		<0.015	U		<0.015	U	
		VMP-53-5-103013	10/30/2013	<0.011	U		<0.017	U		<0.017	U		0.0013	J		<0.0094	U		<0.074	U		<0.014	U		<0.014	U	
		VMP-53-5-022114	2/21/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-53-5-042514	4/25/2014	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-53-5-073014	7/30/2014	<0.0057	U		<0.0091	U		0.0023	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-53-5-102914	10/29/2014	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-53-5-020415	2/4/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.00096	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-53-5-050415	5/4/2015	<0.0063	U		<0.01	U		0.0022	J		<0.0043	U		0.0053	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-53-5-072415	7/24/2015	<0.0066	U		<0.01	U		<0.01	U		<0.0045	U		<0.0058	U		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-53-5-102815	10/28/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0016	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-53-5-012816	1/28/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-53-5-042816	4/28/2016	0.0013	J		<0.0085	U		0.0048	J		0.0012	J		0.031			<0.037	U		<0.0068	U		<0.0068	U	
		VMP-53-5-072916	7/29/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		<0.0059	U		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-53-5-102516	10/25/2016	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.0094			<0.04	U		<0.0074	U		<0.0074	U	
		VMP-53-5-120916	12/9/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	10 ft	VMP-53-10-020513	2/5/2013	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	J	U	<0.039	U		<0.0072	U		<0.0072	U	
		VMP-53-10-020513-DUP	2/5/2013	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	J	U	<0.037	U		<0.0067	U		<0.0067	U	
		VMP-53-10-050313	5/3/2013	<0.006	J	U	<0.0096	U		<0.0095	U		<0.0041	U		0.0086			<0.042	U		<0.0076	U		<0.0076	U	
		VMP-53-10-071113-R	7/11/2013	<0.0066	U		<0.011	U	UJ	<0.01	U		<0.0046	U		0.0019	J		<0.046	J	U	<0.0084	U		<0.0084	U	
		VMP-53-10-080613	8/6/2013	<0.012	U		<0.02	U		<0.02	U		<0.0085	U		<0.011	U		<0.086	U		<0.016	U		<0.016	U	
		VMP-53-10-080613-Dup	8/6/2013	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-53-10-103013	10/30/2013	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-53-10-022114	2/21/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-53-10-042514	4/25/2014	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-53-10-073014	7/30/2014	0.00096	J		<0.0099	U		<0.0098	U		0.0018	J		0.0059			<0.043	U		<0.0079	U		<0.0079	U	
		VMP-53-10-102914	10/29/2014	<0.0061	U		<0.0099	U		<0.0098	U		<0.0042	U		<0.0054	U		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-53-10-020415	2/4/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-53-10-050415	5/4/2015	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.00074	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-53-10-072415	7/24/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-53-10-102815	10/28/2015	<0.0055	U		<0.0088	U		<0.0088	U		0.0023	J		0.0016	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-53-10-012816	1/28/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		<0.006	U		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-53-10-042816	4/28/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.036			<0.042	U		<0.0078	U		<0.0078	U	
		VMP-53-10-082616	8/26/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-53-10-102516	10/25/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0012	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-53-10-120916	12/9/2016	<0.0054	U		<0.0088	U		<0.0086	U		<0.0038	U		0.00059	J		<0.038	U		<0.007	U		<0.007	U	
	20 ft	VMP-53-20-020513	2/5/2013	<0.0056	U		<0.0091	U		<0.009	J	U	<0.0039	U		<0.005	J	U	<0.039	J	U	<0.0072	U		<0.0072	U	
		VMP-53-20-050313	5/3/2013	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-53-20-071113-R	7/11/2013	<0.0068	U		<0.011	U	UJ	<0.011	U		<0.0047	U		0.0019	J		<0.047	J	U	<0.0086	U		<0.0086	U	
		VMP-53-20-080613	8/6/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0026	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-53-20-103013	10/30/2013	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.00032	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-53-20-103013-Dup	10/30/2013	<0.0058	U		<0.0094	U		0.00035	J		<0.004	U		0.00032	J		<0.041	U	UJ	<0.0075	U		<0.0075	U	
		VMP-53-20-022114	2/21/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-53-20-042514	4/25/2014	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-53-20-073014	7/30/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0052			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-53-20-102914	10/29/2014	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-53-20-020415	2/4/2015	<0.012	U		<0.019	U		0.012	J		<0.0082	U		<0.01	U		<0.083	U		<0.015	U		<0.015	U	
		VMP-53-20-050415	5/4/2015	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-53-20-072415	7/24/2015	<0.0065	U		<0.01	U		<0.01	U		0.0044	J		0.0016	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-53-20-102815	10/28/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-53-20-021616	2/16/2016	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.006	U		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-53-20-042816	4/28/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.0051	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-53-20-072916	7/29/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.00085	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-53-20-102516	10/25/2016	<0.01	U		<0.016	U		<0.016	U		<0.0069	U		0.0021	J		<0.07	U		<0.013	U		<0.013	U	
		VMP-53-20-120916	12/9/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.002	J		<0.037	U		<0.0069	U		<0.0069	U	
	30 ft	VMP-53-30-020513	2/5/2013	<0.0057	U		<0.0092	U		<0.0091	J	U	<0.004	U		<0.0051	J	U	<0.04	U		<0.0073	U		<0.0073	U	
		VMP-53-30-050313	5/3/2013	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-53-30-071113-R	7/11/2013	<0.007	U		<0.011	U	UJ	<0.011	U		<0.0048	U		0.0016	J		<0.049	U		<0.0089	U		<0.0089	U	
		VMP-53-30-080613	8/6/2013	<0.007	U		<0.011	U		<0.011	U		<0.0049	U		0.0017	J		<0.049	U		<0.009	U		<0.009	U	
		VMP-53-30-103013	10/30/2013	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.00024	J		<0.042	U	UJ	<0.0077	U		<0.0077	U	
		VMP-53-30-022114	2/21/2014	<0.005	U		<0.008	U		0.0011	J		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-53-30-042514	4/25/2014	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.0017	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-53-30-042514-DUP	4/25/2014	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0014	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-53-30-073014	7/30/2014	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		0.0025	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-53-30-073014-Dup	7/30/2014	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.002	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-53-30-102914	10/29/2014	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-53-30-020415	2/4/2015	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-53-30-050415	5/4/2015	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-53-30-072415	7/24/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-53-30-102815	10/28/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0032	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-53-30-012816	1/28/2016	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-53-30-042816	4/28/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.001	J		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-53-30-052516-R	5/25/2016	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-53-30-072916	7/29/2016	<0.0046	U		<0.0074	U		<0.0073	U		<0.0032	U		0.0045			<0.032	U		<0.0059	U		<0.0059	U	
		VMP-53-30-102516	10/25/2016	<0.011	U		<0.017	U		<0.017	U		<0.0074	U		0.0012	J		<0.074	U		<0.014	U		<0.014	U	
		VMP-53-30-120916	12/9/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	<0.0059	U		<0.0095	U		<0.0094	J	U	<0.0041	U		0.0092			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-54-5-050213	5/2/2013	<0.0054	U		<0.0087	U		0.004	J		<0.0037	U		0.004	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-54-5-080613	8/6/2013	<0.007	U		<0.011	U		0.0056	J		<0.0049	U		0.00072	J		<0.049	U		<0.009	U		<0.009	U	
		VMP-54-5-103013	10/30/2013	<0.0058	U		<0.0094	U		0.0028	J		<0.004	U		0.00026	J		<0.04	U	UJ	<0.0074	U		<0.0074	U	
		VMP-54-5-021014	2/10/2014	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		0.0021	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-54-5-042514	4/25/2014	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-54-5-073014	7/30/2014	<0.0054	U		<0.0087	U		0.0054	J		<0.0037	U		0.0028	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-54-5-102914	10/29/2014	<0.0057	U		<0.0092	U		0.0025	J		<0.0039	U		0.0018	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-54-5-020515	2/5/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0069	U		<0.0069	U	
		VMP-54-5-050415	5/4/2015	<0.0055	U		<0.0088	U		0.0023	J		<0.0038	U		0.0041	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-54-5-072415	7/24/2015	<0.0066	U		<0.011	U		0.0056	J		<0.0046	U		0.0075			<0.046	U		<0.0085	U		<0.0085	U	
		VMP-54-5-102715	10/27/2015	<0.005	U		<0.008	U		0.004	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-54-5-012816	1/28/2016	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-54-5-042916	4/29/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0013	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-54-5-080116	8/1/2016	<0.0059	U		<0.0095	U		0.0058	J		<0.0041	U		0.0012	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-54-5-102816	10/28/2016	<0.0053	U		<0.0085	U		0.003	J		0.002	J		<0.0047	J	U	<0.037	U		<0.0068	U		<0.0068	U	
	10 ft	VMP-54-10-020613	2/6/2013	<0.006	U		<0.0097	U		<0.0096	J	U	<0.0042	U		0.0036	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-54-10-050213	5/2/2013	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.001	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-54-10-080613	8/6/2013	<0.0062	U		<0.01	U		0.0039	J		<0.0043	U		0.0021	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-54-10-103013	10/30/2013	<0.0058	U		<0.0093	U		0.0034	J		<0.0041	U		0.0014	J		<0.04	U	UJ	0.0004	J		<0.0074	U	
		VMP-54-10-021014	2/10/2014	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-54-10-050814-R	5/8/2014	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0072			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-54-10-073014	7/30/2014	<0.0055	U		<0.0089	U		0.0029	J		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-54-10-102914	10/29/2014	<0.0059	U		<0.0095	U		0.0022	J		0.0031	J		0.013			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-54-10-020515	2/5/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	J	U	<0.043	U		<0.0079	U		<0.0079	U	
		VMP-54-10-050415	5/4/2015	<0.0063	U		<0.01	U		0.0017	J		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-54-10-072415	7/24/2015	<0.007	U		<0.011	U		0.0034	J		<0.0048	U		<0.0062	U		<0.049	U		<0.009	U		<0.009	U	
		VMP-54-10-102715	10/27/2015	<0.0054	U		<0.0086	U		0.0039	J		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-54-10-012816	1/28/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-54-10-042916	4/29/2016	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		0.037			<0.043	U		<0.0079	U		<0.0079	U	
		VMP-54-10-080116	8/1/2016	<0.0063	U		<0.01	U		0.003	J		<0.0044	U		0.001	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-54-10-102816	10/28/2016	<0.0059	U		<0.0095	U		0.0038	J		<0.0041	U		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
	20 ft	VMP-54-20-020613	2/6/2013	<0.0059	U		<0.0095	U		0.0052	J		<0.0041	U		<0.0052	J	U	<0.041	J	U	<0.0075	U		<0.0075	U	
		VMP-54-20-020613-DUP	2/6/2013	<0.0059	U		<0.0095	U		0.0046	J		<0.0041	U		<0.0052	J	U	<0.041	J	U	<0.0075	U		<0.0075	U	
		VMP-54-20-050213	5/2/2013	<0.0058	U		<0.0093	U		0.0035	J		<0.004	U		0.0012	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-54-20-080613	8/6/2013	<0.0068	U		<0.011	U		0.003	J		<0.0047	U		<0.006	U		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-54-20-103013	10/30/2013	<0.0059	U		<0.0095	U		0.0028	J		<0.0041	U		0.00016	J		<0.041	U	UJ	<0.0076	U		<0.0076	U	
		VMP-54-20-021014	2/10/2014	<0.0057	U		<0.0092	U		0.0026	J		<0.004	U		0.0024	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-54-20-042514	4/25/2014	<0.0055	U		<0.0089	U		0.0019	J		<0.0038	U		0.00078	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-54-20-073014	7/30/2014	<0.0054	U		<0.0088	U		0.0025	J		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-54-20-102914	10/29/2014	<0.0054	U		<0.0087	U		0.003	J		<0.0037	U		0.002	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-54-20-020515	2/5/2015	<0.005	U		<0.008	U		0.0018	J		<0.0034	U		0.012			<0.034	U		<0.0064	U		<0.0064	U	
		VMP-54-20-050415	5/4/2015	<0.006	U		<0.0097	U		0.0028	J		<0.0042	U		0.00084	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-54-20-072415	7/24/2015	<0.0065	U		<0.01	U		0.0023	J		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-54-20-102715	10/27/2015	<0.005	U		<0.008	U		0.0032	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-54-20-102715-DUP	10/27/2015	<0.005	U		<0.008	U		0.0032	J		<0.0034	U		<0.0044	U		<0.034	U		<0.0064	U		<0.0064	U	
		VMP-54-20-012816	1/28/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0057	U		<0.045	U		<0.0082	U		<0.0082	U	
		VMP-54-20-050516	5/5/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0036	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-54-20-050516-DUP	5/5/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0041	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-54-20-080116	8/1/2016	<0.0062	U		<0.01	U		0.0031	J		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-54-20-102816	10/28/2016	<0.0058	U		<0.0093	U		0.004	J		<0.004	U		0.0018	J		<0.04	U		<0.0074	U		<0.0074	U	
	30 ft	VMP-54-30-020613	2/6/2013	<0.0063	U		<0.01	U		0.0046	J		<0.0044	U		<0.0056	J	U	<0.044	J	U	<0.0081	U		<0.0081	U	
		VMP-54-30-020613-DUP	2/6/2013	<0.0063	U		<0.01	U		0.0045	J		<0.0044	U		<0.0056	J	U	<0.044	U		<0.0081	U		<0.0081	U	
		VMP-54-30-050213	5/2/2013	<0.0062	U		<0.0099	U		0.0045	J		<0.0043	U		0.0054			<0.043	U		<0.0079	U		<0.0079	U	
		VMP-54-30-050213-Dup	5/2/2013	<0.0061	J	U	<0.0099	J	U	0.0043	J		<0.0042	U		0.0061			<0.043	U		<0.0078	U		<0.0078	U	
		VMP-54-30-103013	10/30/2013	<0.0063	U		<0.01	U		0.0024	J		0.00068	J		0.00064	J		<0.044	U	UJ	<0.0081	U		<0.0081	U	
		VMP-54-30-021014	2/10/2014	<0.0053	U		<0.0086	U		0.0028	J		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-54-30-042514	4/25/2014	<0.0061	U		<0.0099	U		0.0031	J		<0.0042	U		0.001	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-54-30-073014	7/30/2014	<0.0061	U		<0.0098	U		0.0021	J		<0.0042	U		0.0026	J		<0.043	U		<0.0078	U		<0.0078	U	
		VMP-54-30-110614-R	11/6/2014	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0033	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-54-30-021215	2/12/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-54-30-050415	5/4/2015	<0.0062	U		<0.01	U		0.002	J		<0.0043	U		0.0013	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-54-30-080315	8/3/2015	<0.0066	U		<0.011	U		0.0047	J		<0.0046	U		<0.0058	U		<0.046	U	UJ	<0.0084	U		<0.0084	U	
		VMP-54-30-102715	10/27/2015	<0.0051	U		<0.0082	U		0.0026	J		<0.0035	U		0.0028	J		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-54-30-012816	1/28/2016	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-54-30-042916	4/29/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.00062	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-54-30-042916-DUP	4/29/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.00056	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-54-30-080116	8/1/2016	<0.0057	U		<0.0092	U		0.0052	J		<0.004	U		0.028			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-54-30-102816	10/28/2016	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-110414	11/4/2014	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		0.0032	J		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-55-5-110414-DUP	11/4/2014	<0.0048	U		<0.0078	U		<0.0077	U		<0.0033	U		0.00081	J		<0.034	U		<0.0062	U		<0.0062	U	
		VMP-55-5-020515	2/5/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-55-5-050615	5/6/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-55-5-110215	11/2/2015	<0.04	U		<0.064	U		<0.064	U		<0.028	U		0.06			<0.28	U		<0.051	U		<0.051	U	
		VMP-55-5-020416	2/4/2016	<0.056	U		<0.091	U		<0.09	U		0.014	J		<0.05	U		<0.39	U		<0.072	U		<0.072	U	
		VMP-55-5-082616	8/26/2016	<0.0065	U		<0.01	U		0.0088	J		<0.0045	U		0.007			<0.046	U		<0.0084	U		<0.0084	U	
	20 ft	VMP-55-20-021513	2/15/2013	<15	U		<24	U		<23	U		<10	U		<13	U		<100	U		<19	U		<19	U	
		VMP-55-20-050113	5/1/2013	<25	U		<40	U		<39	U		<17	U		<22	U		<170	U		<32	U		<32	U	
		VMP-55-20-080713	8/7/2013	<3.4	U		<5.4	U		<5.4	U		<2.3	U		<3	U		<23	U		<4.3	U		<4.3	U	
		VMP-55-20-110813	11/8/2013	<0.94	U		<1.5	U		<1.5	U		<0.65	U		1.7			<6.6	U		<1.2	U		<1.2	U	
		VMP-55-20-021814	2/18/2014	<0.25	U		<0.41	U		<0.4	U		<0.18	U		<0.22	U		<1.8	U		<0.32	U		<0.32	U	
		VMP-55-20-050514	5/5/2014	<2.7	U		<4.4	U		<4.3	U		<1.9	U		<2.4	U		<19	U		<3.5	U		<3.5	U	
		VMP-55-20-050514-Dup	5/5/2014	<2.9	U		<4.7	U		<4.7	U		<2	U		<2.6	U		<20	U		<3.8	U		<3.8	U	
		VMP-55-20-081314	8/13/2014	<1.1	U		<1.8	U		<1.8	U		<0.77	U	UJ	0.4	J		<7.7	U		<1.4	U		<1.4	U	
		VMP-55-20-110414	11/4/2014	<0.5	U		<0.81	U		<0.8	U		<0.35	U		0.23	J		<3.5	U		<0.64	U		<0.64	U	
		VMP-55-20-020515	2/5/2015	0.15	J		<0.88	U		<0.88	U		<0.38	U		0.72			<3.8	U		0.23	J		<0.7	U	
		VMP-55-20-050615	5/6/2015	<3.6	U		<5.8	U		<5.7	U		<2.5	U		2.4	J		<25	U		<4.6	U		<4.6	U	
		VMP-55-20-072915	7/29/2015	<0.058	U		<0.094	U		<0.092	U		<0.04	U		<0.051	U		<0.4	U		<0.074	U		<0.074	U	
		VMP-55-20-072915-DUP	7/29/2015	<0.062	U		<0.1	U		<0.098	U		<0.043	U		<0.055	U		<0.43	U		<0.079	U		<0.079	U	
		VMP-55-20-110215	11/2/2015	<1.7	U		<2.7	U		<2.7	U		<1.2	U		<1.5	U		<12	U	UJ	<2.2	U		<2.2	U	
		VMP-55-20-020416	2/4/2016	<0.56	U		<0.91	U		<0.9	U		<0.39	U		<0.5	U		<3.9	U		<0.72	U		<0.72	U	
		VMP-55-20-020416-DUP	2/4/2016	<0.51	U		<0.82	U		<0.81	U		<0.35	U		<0.45	U		<3.5	U		<0.65	U		<0.65	U	
		VMP-55-20-050416	5/4/2016	<0.78	U		<1.2	U		<1.2	U		<0.54	U		<0.68	U		<5.4	U		<0.99	U		<0.99	U	
		VMP-55-20-080316	8/3/2016	<0.4	U		<0.64	U		<0.63	U		<0.27	U		<0.35	U		<2.8	U		<0.51	U		<0.51	U	
		VMP-55-20-110116	11/1/2016	0.11	J		<0.95	U		<0.94	U		<0.41	U		0.47	J		<4.1	U		<0.75	U		<0.75	U	
	30 ft	VMP-55-30-030915	3/9/2015	<1.5	U		<2.4	U		9.3			<1	U		<1.3	U		<10	U		<1.9	U		<1.9	U	
		VMP-55-30-050615	5/6/2015	<5	U		<8.1	U		<8	U	UJ	<3.5	U		2.7	J		<35	U		<6.4	U		<6.4	U	
		VMP-55-30-050615-DUP	5/6/2015	<5	U		<8.1	U					<3.5	U		2.8	J		<35	U		<6.5	U		<6.5	U	
		VMP-55-30-061515-Dup-R	6/15/2015	<0.067	U		<0.11	U		<0.11	U		<0.046	U		0.02	J		<0.47	U		<0.086	U		<0.086	U	
		VMP-55-30-061515-R	6/15/2015	<0.054	U		<0.088	U		<0.086	U		<0.038	U		0.022	J		<0.38	U		<0.07	U		<0.07	U	
VMP-56	10 ft	VMP-56-10-050114	5/1/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-56-10-081214	8/12/2014	<0.0064	U		<0.01	U		<0.01	U		0.0031	J		0.026			<0.045	U		<0.0082	U		<0.0082	U	
		VMP-56-10-110514	11/5/2014	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0079			<0.034	U		<0.0064	U		<0.0064	U	
		VMP-56-10-021015	2/10/2015	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-56-10-110315	11/3/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0023	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-56-10-020416	2/4/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0022	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-56-10-050516	5/5/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0074			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-56-10-072716	7/27/2016	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0007	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-56-10-102416	10/24/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0032	J		<0.039	U		<0.0072	U		<0.0072	U	
	25 ft	VMP-56-25-050114	5/1/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-56-25-081214	8/12/2014	0.0026	J		<0.0092	U		0.0018	J		0.0023	J		0.093			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-56-25-110514	11/5/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0022	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-56-25-021015	2/10/2015	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-56-25-050715	5/7/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-56-25-073115	7/31/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0028	J		<0.044	U	UJ	<0.0081	U		<0.0081	U	
		VMP-56-25-110315	11/3/2015	0.0013	J		<0.0088	U		<0.0088	U		0.004			0.016			<0.038	U		<0.007	U		<0.007	U	
		VMP-56-25-020416	2/4/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-56-25-050516	5/5/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		0.00054	J		<0.043	U		<0.008	U		<0.008	U	
		VMP-56-25-050516-DUP	5/5/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0082	U		<0.0082	U	
		VMP-56-25-072716	7/27/2016	<0.007	U		<0.011	U		<0.011	U		<0.0049	U		0.0047	J		<0.049	U		<0.009	U		<0.009	U	
		VMP-56-25-102416	10/24/2016	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0083			<0.038	U		<0.007	U		<0.007	U	
	38.5 ft	VMP-56-38.5-050114	5/1/2014	<1.3	U		<2.1	U		<2.1	U		<0.9	U		3400			<9	U		<1.7	U		<1.7	U	
		VMP-56-38.5-081214	8/12/2014	<120	U		<190	U		<190	U		<82	U		4300			<820	U		<150	U		<150	U	
		VMP-56-38.5-081214-Dup	8/12/2014	<120	U		<190	U		<180	U		<80	U		5500			<810	U		<150	U		<150	U	
		VMP-56-38.5-110514	11/5/2014	<64	U		<100	U		<100	U		<44	U		4100			<440	U		<82	U		<82	U	
		VMP-56-38.5-110514-DUP	11/5/2014	<76	U		<120	U		<120	U		<53	U		4200			<530	U		<98	U		<98	U	
		VMP-56-38.5-021015	2/10/2015	<5.7	U		<9.2	U		<9	U		<3.9	U		3200			<40	U		<7.3	U		<7.3	U	
		VMP-56-38.5-050715	5/7/2015	<65	U		<100	U					<45	U		3400			<450	U		<83	U		<83	U	
		VMP-56-38.5-061515-R	6/15/2015	<6.3	U		<10	U		<10	U		<4.3	U		2300			<44	U		<8	U		<8	U	
		VMP-56-38.5-073115	7/31/2015	<5.5	U		<8.8	U		<8.8	U		<3.8	U		2300			<38	U		<7	U		<7	U	
		VMP-56-38.5-073115-DUP	7/31/2015	<20	U		<33	U		<32	U		<14	U		2400			<140	U		<26	U		<26	U	
		VMP-56-38.5-110315	11/3/2015	<6.4	U		<10	U		<10	U		<4.5	U		4300		J	<45	U		<8.3	U		<8.3	U	
		VMP-56-38.5-110315-DUP	11/3/2015	<47	U		<76	U		<75	U		<32	U		3100		J	<330	U		<60	U		<60	U	
		VMP-56-38.5-020416	2/4/2016	<36	U		<58	U		<57	U		<25	U		2700			<250	U		<46	U		<46	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-122313	12/23/2013	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.018			<0.036	U		<0.0066	U		<0.0066	U	
		VMP-62-5-021014	2/10/2014	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		0.024			<0.034	U		<0.0063	U		<0.0063	U	
		VMP-62-5-042514	4/25/2014	<0.0057	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-62-5-073014	7/30/2014	<0.0059	U		<0.0095	U		<0.0094	U		0.002	J		<0.0052	U		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-62-5-111014-R	11/10/2014	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	
		VMP-62-5-020315	2/3/2015	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-62-5-042815	4/28/2015	<0.0062	U		<0.01	U		<0.0098	U		<0.0043	U		0.0016	J		<0.043	U	UJ	<0.0079	U		<0.0079	U	
		VMP-62-5-072415	7/24/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.0017	J		<0.044	U		<0.008	U		<0.008	U	
		VMP-62-5-102015	10/20/2015	<0.0047	U		<0.0075	U		<0.0074	U		0.00077	J		0.0014	J		<0.032	U		<0.006	U		<0.006	U	
		VMP-62-5-012816	1/28/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	ND,UJ	UJ	<0.0071	U		<0.0071	U	
		VMP-62-5-042516	4/25/2016	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0023	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-62-5-072616	7/26/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0044	U		0.0063			<0.044	U		<0.0082	U		<0.0082	U	
		VMP-62-5-102416	10/24/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.002	J		<0.038	U		<0.0071	U		<0.0071	U	
	10 ft	VMP-62-10-122313	12/23/2013	<0.0056	J	U	<0.009	U		<0.0089	U		<0.0039	U		0.0012	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-62-10-021014	2/10/2014	<0.0047	U		<0.0076	U		<0.0075	U		<0.0032	U		0.027			<0.033	U		<0.006	U		<0.006	U	
		VMP-62-10-042514	4/25/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.0019	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-62-10-073014	7/30/2014	<0.0058	U		<0.0094	U		<0.0093	U		<0.004	U		0.0079			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-62-10-102814	10/28/2014	<0.0061	U		<0.0098	U		<0.0097	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0078	U		<0.0078	U	
		VMP-62-10-020315	2/3/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-62-10-042815	4/28/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U	UJ	<0.0074	U		<0.0074	U	
		VMP-62-10-072415	7/24/2015	<0.0058	U		<0.0093	U		<0.0092	U		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-62-10-102015	10/20/2015	<0.0059	U		<0.0095	U		0.0038	J		<0.0041	U		0.0031	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-62-10-012816	1/28/2016	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	ND,UJ	UJ	<0.0069	U		<0.0069	U	
		VMP-62-10-042516	4/25/2016	<0.0065	U		<0.01	U		<0.01	U		0.0024	J		<0.0058	U		<0.046	U		<0.0084	U		<0.0084	U	
		VMP-62-10-072616	7/26/2016	<0.0067	U		<0.011	U		<0.011	U		<0.0046	U		<0.0059	U		<0.047	U		<0.0086	U		<0.0086	U	
		VMP-62-10-102416	10/24/2016	<0.0046	U		<0.0074	U		<0.0073	U		<0.0032	U		0.0027	J		<0.032	U		<0.0059	U		<0.0059	U	
	20 ft	VMP-62-20-122313	12/23/2013	<0.0054	U		<0.0086	U		0.00098	J		<0.0037	U		0.0018	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-62-20-122313-Dup	12/23/2013	<0.0054	U		<0.0088	U		0.0015	J		0.001	J		0.00084	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-62-20-021014	2/10/2014	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-62-20-042514	4/25/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-62-20-073014	7/30/2014	<0.0055	U		<0.0088	U		<0.0088	U		0.0019	J		0.006			<0.038	U		<0.007	U		<0.007	U	
		VMP-62-20-102814	10/28/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	J	U	<0.036	U		<0.0067	U		<0.0067	U	
		VMP-62-20-020315	2/3/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0085			<0.044	U		<0.0081	U		<0.0081	U	
		VMP-62-20-042815	4/28/2015	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U	UJ	<0.0077	U		<0.0077	U	
		VMP-62-20-072415	7/24/2015	<0.0056	U		<0.009	U		0.0013	J		<0.0038	U		0.00091	J		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-62-20-102015	10/20/2015	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-62-20-012816	1/28/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	ND,UJ	UJ	<0.0081	U		<0.0081	U	
		VMP-62-20-042516	4/25/2016	<0.0054	U		<0.0087	U		<0.0086	U		0.0032	J		<0.0048	J	U	<0.038	U		<0.0069	U		<0.0069	U	
		VMP-62-20-072616	7/26/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		0.0027	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-62-20-102416	10/24/2016	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		0.0037	J		<0.034	U		<0.0064	U		<0.0064	U	
	30 ft	VMP-62-30-122313	12/23/2013	<0.0052	U		<0.0084	U		0.0026	J		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-62-30-122313-Dup	12/23/2013	<0.0053	U		<0.0085	U		0.0031	J		<0.0037	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-62-30-021014	2/10/2014	<0.0054	U		<0.0087	U		0.0023	J		<0.0037	U		0.0018	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-62-30-042514	4/25/2014	<0.0058	U		<0.0093	U		0.003	J		<0.004	U		<0.0051	U		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-62-30-073014	7/30/2014	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0025	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-62-30-073014-Dup	7/30/2014	<0.0052	U		<0.0084	U		0.0021	J		0.0014	J		0.0044	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-62-30-102814	10/28/2014	<0.0053	U		<0.0086	U		0.0019	J		<0.0037	U		<0.0047	J	U	<0.037	U		<0.0068	U		<0.0068	U	
		VMP-62-30-020315	2/3/2015	<0.0056	U		<0.0091	U		0.016			<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-62-30-042815	4/28/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		<0.0052	U		<0.041	U	UJ	<0.0075	U		<0.0075	U	
		VMP-62-30-072415	7/24/2015	<0.006	U		<0.0096	U		0.0027	J		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-62-30-102015	10/20/2015	<0.0056	U		<0.009	U		0.0038	J		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-62-30-012816	1/28/2016	<0.0062	U		<0.01	U		<0.0099	U		<0.0043	U		<0.0055	U		<0.043	ND,UJ	UJ	<0.008	U		<0.008	U	
		VMP-62-30-012816-DUP	1/28/2016	<0.0054	U		<0.0087	U		0.0032	J		<0.0037	U		0.0013	J		<0.038	ND,UJ	UJ	<0.0069	U		<0.0069	U	
		VMP-62-30-042516	4/25/2016	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	J	U	<0.038	U		<0.0069	U		<0.0069	U	
		VMP-62-30-072616	7/26/2016	<0.0062	U		<0.01	U		0.084		J	<0.0043	U		0.014			<0.043	U		<0.008	U		<0.008	U	
		VMP-62-30-072616-DUP	7/26/2016	<0.0062	U		<0.01	U		0.046		J	<0.0043	U		0.011			<0.043	U		<0.008	U		<0.008	U	
		VMP-62-30-102416	10/24/2016	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.0015	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-62-30-102416-Dup	10/24/2016	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0045	U		<0.035	U		<0.0065	U		<0.0065	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-121113	12/11/2013	<0.008	U		<0.013	U		<0.013	U		<0.0056	U		0.01			<0.056	U		<0.01	U		<0.01	U	
		VMP-63-5-022814	2/28/2014	<0.0054	U		<0.0087	U		<0.0086	U		<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-63-5-042514	4/25/2014	<0.01	U		<0.017	U		<0.016	U		<0.0072	U		<0.0092	U		<0.072	U		<0.013	U		<0.013	U	
		VMP-63-5-073014	7/30/2014	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-63-5-102814	10/28/2014	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	J	U	<0.038	U		<0.0071	U		<0.0071	U	
		VMP-63-5-020315	2/3/2015	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-63-5-042815	4/28/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		0.0015	J		<0.044	U	UJ	<0.008	U		<0.008	U	
		VMP-63-5-072415	7/24/2015	<0.006	U		<0.0096	U		<0.0095	U		0.0021	J		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-63-5-102615	10/26/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-63-5-012816	1/28/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-63-5-042616	4/26/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.092			<0.042	U		<0.0077	U		<0.0077	U	
		VMP-63-5-072516	7/25/2016	<0.0062	U		<0.01	U		0.0024	J		<0.0043	U		<0.0055	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-63-5-102416	10/24/2016	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0095			<0.038	U		<0.007	U		<0.007	U	
	10 ft	VMP-63-10-121113	12/11/2013	<0.0055	U		<0.0088	U		<0.0088	U		0.0014	J		0.0024	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-63-10-020714	2/7/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0067	U		<0.0067	U	
		VMP-63-10-042514	4/25/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.00094	J		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-63-10-073014	7/30/2014	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0026	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-63-10-102814	10/28/2014	<0.0056	U		<0.009	U		<0.0088	U		<0.0038	U		<0.0049	J	U	<0.039	U		<0.0071	U		<0.0071	U	
		VMP-63-10-020315	2/3/2015	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-63-10-042815	4/28/2015	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0078			<0.041	U	UJ	<0.0075	U		<0.0075	U	
		VMP-63-10-072415	7/24/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-63-10-102615	10/26/2015	<0.0059	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0017	J		<0.041	U		<0.0076	U		<0.0076	U	
		VMP-63-10-012816	1/28/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-63-10-042616	4/26/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		<0.0056	U		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-63-10-072516	7/25/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		0.0011	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-63-10-102416	10/24/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.00077	J		<0.039	U		<0.0072	U		<0.0072	U	
	20 ft	VMP-63-20-121213	12/12/2013	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0028	J		0.0035	J		<0.0066	U		<0.0066	U	
		VMP-63-20-020714	2/7/2014	<0.005	U		<0.008	U		<0.0079	U		<0.0034	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
		VMP-63-20-042514	4/25/2014	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-63-20-073014	7/30/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-63-20-102814	10/28/2014	0.0014	J		<0.009	U		<0.0089	U		0.0028	J		0.016			<0.039	U		<0.0071	U		<0.0071	U	
		VMP-63-20-102814-DUP	10/28/2014	<0.006	U		<0.0096	U		<0.0095	U		0.0024	J		0.012			<0.042	U		<0.0076	U		<0.0076	U	
		VMP-63-20-020315	2/3/2015	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-63-20-020315-DUP	2/3/2015	<0.0051	U		<0.0082	U		<0.0081	U		<0.0035	U		0.00092	J		<0.036	U		<0.0065	U		<0.0065	U	
		VMP-63-20-042815	4/28/2015	<0.0055	U		<0.0088	U		<0.0087	U		<0.0038	U		0.0042	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-63-20-072415	7/24/2015	0.0012	J		<0.0088	U		<0.0087	U		<0.0038	U		0.0057			<0.038	U		<0.007	U		<0.007	U	
		VMP-63-20-102615	10/26/2015	0.0013	J	J	<0.0085	U		<0.0084	U		0.0098			0.0094			<0.037	U		<0.0067	U		<0.0067	U	
		VMP-63-20-012816	1/28/2016	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		<0.005	U		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-63-20-042616	4/26/2016	<0.0064	U		<0.01	U		<0.01	U		<0.0045	U		0.0043	J		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-63-20-042616-DUP	4/26/2016	<0.0059	U		<0.0095	U		<0.0094	U		<0.0041	U		0.0045	J		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-63-20-072516	7/25/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		0.0012	J		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-63-20-102416	10/24/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		0.0028	J		<0.046	U		<0.0084	U		<0.0084	U	
	30 ft	VMP-63-30-121113	12/11/2013	<0.0052	U		<0.0083	U		<0.0082	U		<0.0036	U		0.0042	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-63-30-020714	2/7/2014	<0.0049	U		<0.0079	U		<0.0078	U		<0.0034	U		<0.0044	U		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-63-30-042514	4/25/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0037	U		0.0027	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-63-30-042514-DUP	4/25/2014	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-63-30-073014	7/30/2014	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-63-30-102814	10/28/2014	<0.0059	U		<0.0095	U		<0.0094	U		0.0028	J		0.0078			<0.041	U		<0.0076	U		<0.0076	U	
		VMP-63-30-020315	2/3/2015	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.00082	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-63-30-042815	4/28/2015	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-63-30-072415	7/24/2015	<0.0057	U		<0.0092	U		<0.009	U		<0.0039	U		0.0014	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-63-30-102615	10/26/2015	0.0008	J	J	<0.0077	U		<0.0076	U		<0.0033	U		0.0043			<0.033	U		<0.0061	U		<0.0061	U	
		VMP-63-30-102615-DUP	10/26/2015	<0.0056	U		<0.0091	U		<0.009	U		<0.0039	U		0.0025	J		<0.039	U		<0.0072	U		<0.0072	U	
		VMP-63-30-012816	1/28/2016	<0.0055	U		<0.0089	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-63-30-042616	4/26/2016	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		0.0013	J		<0.038	U		<0.007	U		<0.007	U	
		VMP-63-30-072516	7/25/2016	<0.0065	U		<0.01	U		<0.01	U		<0.0045	U		<0.0057	U		<0.045	U		<0.0083	U		<0.0083	U	
		VMP-63-30-072516-DUP	7/25/2016	<0.006	U		<0.0096	U		<0.0095	U		<0.0041	U		<0.0053	U		<0.042	U		<0.0076	U		<0.0076	U	
		VMP-63-30-102416	10/24/2016	<0.0053	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0072			<0.037	U		<0.0068	U		<0.0068	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Styrene			1,1,2,2-Tetrachloroethane			Tetrachloroethene			Tetrahydrofuran			Toluene			1,2,4-Trichlorobenzene			1,1,1-Trichloroethane (Methyl chloroform)			1,1,2-Trichloroethane		
				1400						0.55						6200			5.4			6600			170000		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-122313	12/23/2013	<0.0055	U		<0.0088	U		0.00096	J		<0.0038	U		0.03			<0.038	U		<0.007	U		<0.007	U	
		VMP-64-5-022814	2/28/2014	<0.0052	U		<0.0084	U		<0.0083	U		<0.0036	U		0.0013	J		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-64-5-042514	4/25/2014	<0.0054	U		<0.0088	U		<0.0087	U		<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-64-5-073114	7/31/2014	<0.0058	U		<0.0093	U		<0.0092	J	U	<0.004	U		0.00078	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-64-5-102814	10/28/2014	<0.0054	U		<0.0086	U		<0.0085	U		<0.0037	U		0.0047	J		<0.037	U		<0.0069	U		<0.0069	U	
		VMP-64-5-020315	2/3/2015	<0.0055	U		<0.0088	U		<0.0088	U		<0.0038	U		<0.0049	U		<0.038	U		<0.007	U		<0.007	U	
		VMP-64-5-042815	4/28/2015	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		<0.005	U		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-64-5-072415	7/24/2015	<0.006	U		<0.0096	U		<0.0095	U		0.0017	J		<0.0053	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-64-5-102615	10/26/2015	<0.0051	U		<0.0082	U		<0.0081	J	U	<0.0035	U		<0.0045	J	U	<0.035	J	U	<0.0065	U		<0.0065	U	
		VMP-64-5-012816	1/28/2016	<0.006	U		<0.0097	U		<0.0096	U		<0.0042	U		<0.0054	U		<0.042	U		<0.0077	U		<0.0077	U	
		VMP-64-5-042616	4/26/2016	<0.0068	U		<0.011	U		<0.011	U		<0.0047	U		<0.006	U		<0.047	U		<0.0087	U		<0.0087	U	
		VMP-64-5-080216	8/2/2016	<0.0058	U		<0.0094	U		<0.0092	U		<0.004	U		0.0018	J		<0.04	U		<0.0074	U		<0.0074	U	
		VMP-64-5-080216-DUP	8/2/2016	<0.0063	U		<0.01	U		<0.01	U		<0.0044	U		0.0012	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-64-5-102416	10/24/2016	<0.0051	U		<0.0083	U		<0.0082	U		<0.0036	U		0.00089	J		<0.036	U		<0.0066	U		<0.0066	U	
	10 ft	VMP-64-10-122313	12/23/2013	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		0.002	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-64-10-021014	2/10/2014	<0.0051	U		<0.0083	U		0.0011	J		<0.0036	U		<0.0045	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-64-10-042514	4/25/2014	<0.0053	U		<0.0085	U		<0.0084	U		<0.0036	U		<0.0046	U		<0.037	U		<0.0067	U		<0.0067	U	
		VMP-64-10-073114	7/31/2014	<0.0062	U		<0.0099	U		0.026			<0.0043	U		0.00081	J		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-64-10-102814	10/28/2014	0.0013	J		<0.01	U		<0.01	U		0.0032	J		0.013			<0.045	U		<0.0083	U		<0.0083	U	
		VMP-64-10-020315	2/3/2015	<0.0062	U		<0.0099	U		<0.0098	U		<0.0043	U		<0.0054	U		<0.043	U		<0.0079	U		<0.0079	U	
		VMP-64-10-042815	4/28/2015	<0.0063	U		<0.01	U		<0.01	U		<0.0043	U		<0.0055	U		<0.044	U		<0.008	U		<0.008	U	
		VMP-64-10-072415	7/24/2015	<0.0053	U		<0.0086	U		<0.0085	U		0.006			0.0012	J		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-64-10-102615	10/26/2015	<0.0063	U		<0.01	U		<0.01	J	U	<0.0044	U		0.0018	J		<0.044	U		<0.0081	U		<0.0081	U	
		VMP-64-10-012816	1/28/2016	<0.0056	U		<0.009	U		<0.0089	U		<0.0039	U		<0.0049	U		<0.039	U		<0.0071	U		<0.0071	U	
		VMP-64-10-042616	4/26/2016	<0.0057	U		<0.0092	U		<0.0091	U		<0.004	U		0.00048	J		<0.04	U		<0.0073	U		<0.0073	U	
		VMP-64-10-072216	7/22/2016	<0.0046	U		<0.0074	U		0.0014	J		<0.0032	U		0.0016	J		<0.032	U		<0.0059	U		<0.0059	U	
		VMP-64-10-102416	10/24/2016	<0.005	U		<0.0081	U		<0.008	U		<0.0035	U		<0.0044	U		<0.035	U		<0.0064	U		<0.0064	U	
	20 ft	VMP-64-20-122313	12/23/2013	<0.0055	U		<0.0089	U		0.016			<0.0038	U		0.0017	J		<0.038	U		<0.0071	U		<0.0071	U	
		VMP-64-20-122313-Dup	12/23/2013	<0.0054	U		<0.0087	U		0.018			<0.0037	U		0.0014	J		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-64-20-021014	2/10/2014	<0.0053	U		<0.0085	U		0.028			<0.0036	U		<0.0047	U		<0.037	U		<0.0068	U		<0.0068	U	
		VMP-64-20-042514	4/25/2014	<0.0052	U		<0.0084	U		0.047			<0.0036	U		<0.0046	U		<0.036	U		<0.0066	U		<0.0066	U	
		VMP-64-20-073114	7/31/2014	<0.0054	U		<0.0087	U		<0.0086	J	U	<0.0037	U		<0.0048	U		<0.038	U		<0.0069	U		<0.0069	U	
		VMP-64-20-102814	10/28/2014	0.0015	J		<0.0089	U		0.056			0.0032	J		0.019			<0.038	U		<0.0071	J	U	<0.0071	U	
		VMP-64-20-020315	2/3/2015	<0.0057	U		<0.0092	U		0.17			0.0016	J		0.0066			<0.04	U		0.0029	J		<0.0073	U	
		VMP-64-20-042815	4/28/2015	<0.0063	U		<0.01	U		0.092			<0.0043	U		<0.0056	U		<0.044	U		0.0018	J		<0.008	U	
		VMP-64-20-072415	7/24/2015	<0.0059	U		<0.0095	U		0.03			<0.0041	U		<0.0052	U		<0.041	U		<0.0075	U		<0.0075	U	
		VMP-64-20-102615	10/26/2015	<0.006	U		<0.0097	U		0.11			<0.0042	U		0.0016	J		<0.042	U		0.003	J		<0.0077	U	
		VMP-64-20-012816	1/28/2016	<0.0057	U		<0.0092	U		0.12			<0.004	U		<0.005	U		<0.04	U		0.0016	J		<0.0073	U	
		VMP-64-20-042616	4/26/2016	<0.0059	U		<0.0095	U		0.032			<0.0041	U		0.019			<0.041	U		<0.0075	U		<0.0075	U	
		VMP-64-20-042616-DUP	4/26/2016	<0.0057	U		<0.0092	U		0.034			<0.004	U		0.021			<0.04	U		<0.0073	U		<0.0073	U	
		VMP-64-20-072216	7/22/2016	<0.0055	U		<0.0088	U		0.12			<0.0038	U		<0.0049	U		<0.038	U		0.002	J		<0.007	U	
		VMP-64-20-072216-DUP	7/22/2016	<0.006	U		<0.0097	U		0.11			<0.0042	U		0.0018	J		<0.042	U		0.004	J		<0.0077	U	
		VMP-64-20-102416	10/24/2016	<0.0049	U		<0.0079	U		0.048			<0.0034	U		0.00089	J		<0.034	U		<0.0063	U		<0.0063	U	
		VMP-64-20-102416-Dup	10/24/2016	<0.0054	U		<0.0088	U		0.048			<0.0038	U		<0.0048	U		<0.038	U		<0.007	U		<0.007	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	<0.64	U		<0.67	U		<0.58	U		<0.58	U		220			<0.3	U		<0.52	U		<0.52	U	
		VMP-1-5-082510	8/25/2010	<0.023	U		<0.024	U		<0.021	U		<0.021	U		0.74			<0.011	U		0.0024	J		<0.018	U	
		VMP-1-5-111710	11/17/2010	<0.028	U		<0.029	U		<0.025	U		<0.025	U		5.3			<0.013	U		0.0043	J		<0.022	U	
		VMP-1-5-020411	2/4/2011	<0.54	U		<0.57	U		<0.5	U		<0.5	U		270			<0.26	U		<0.44	U		<0.44	U	
		VMP-1-5-041211	4/12/2011	<0.0071	J	U	0.0012	J		0.0023	J		<0.0065	U		1.5			<0.0034	U		0.0056			<0.0057	U	
		VMP-1-5-080111	8/1/2011	0.01			<0.0074	U		0.0066			0.0019	J		0.14			<0.0034	U		0.0079			0.0029	J	
		VMP-1-5-110311	11/3/2011	<19	U		<20	U	UJ	<17	U		<17	U		250			<8.9	U		<15	U		<15	U	
		VMP-1-5-013012	1/30/2012	<1.6	U		<1.6	U		<1.4	U		<1.4	U		440		J	<0.74	U		<1.3	U		<1.3	U	
		VMP-1-5-041312	4/13/2012	<0.0048	U		0.0014	J		0.00086	J		<0.0044	U		0.017			<0.0023	U		0.0036	J		0.0013	J	
		VMP-1-5-071612	7/16/2012	<0.0049	J	U	0.0013	J		0.0042	J		<0.0045	J	U	0.089			<0.0023	U		0.028			0.0086		
		VMP-1-5-101112	10/11/2012	<0.012	U		<0.013	U		<0.011	U		<0.011	U		1.2			<0.0059	U		0.0034	J		<0.01	U	
		VMP-1-5-012113	1/21/2013	<0.14	U		<0.14	U		<0.13	U		<0.13	U		4.5			<0.066	U		<0.11	U		<0.11	U	
		VMP-1-5-012313-R	1/23/2013	<6.3	U		<6.5	U		2.3	J		<5.7	U		140			<3	U		3.9	J		1.8	J	
		VMP-1-5-050813	5/8/2013	<0.0077	U		0.0016	J		<0.007	U		<0.007	U		0.0045	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-1-5-072913	7/29/2013	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0053	J		<0.0038	U		0.00096	J		<0.0064	U	
		VMP-1-5-072913-Dup	7/29/2013	<0.008	U		0.0012	J		<0.0073	U		<0.0073	U		0.0076			<0.0038	U		0.0013	J		0.0015	J	
		VMP-1-5-110413	11/4/2013	<0.0064	U		0.0011	J		0.00059	J		<0.0059	U		<0.0056	U		<0.003	U		0.0005	J		<0.0052	U	
		VMP-1-5-020714	2/7/2014	<0.007	U		0.0023	J		<0.0064	U		<0.0064	U		0.004	J		<0.0033	U		0.00072	J		<0.0057	U	
		VMP-1-5-043014	4/30/2014	<0.0061	U		0.0017	J		<0.0056	U		<0.0056	U		0.006			<0.0029	U		0.0038	J		0.0011	J	
		VMP-1-5-080714	8/7/2014	<0.0063	U		0.0012	J		<0.0058	J	U	<0.0058	J	U	<0.0055	U		<0.003	U		0.0025	J		<0.0051	U	
		VMP-1-5-103114	10/31/2014	<0.0074	U		0.0013	J		<0.0068	U		<0.0068	U		0.0028	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-1-5-020915	2/9/2015	<0.0064	U		<0.0066	U		0.0024	J		<0.0058	U		<0.0055	U		<0.003	U		0.002	J		<0.0051	U	
		VMP-1-5-050515	5/5/2015	0.0025	J		0.0015	J		0.0034	J		<0.007	J	U	<0.0066	U		<0.0036	U		0.003	J		<0.0061	U	
		VMP-1-5-073015	7/30/2015	<0.0072	U		0.0014	J		0.0014	J		<0.0066	U		<0.0062	U		<0.0034	U		0.0042	J		0.0013	J	
		VMP-1-5-110315	11/3/2015	<0.0075	U		0.0021	J		0.022			<0.0069	J	U	0.0024	J		<0.0036	U		0.0029	J		0.002	J	
		VMP-1-5-020316	2/3/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-1-5-050316	5/3/2016	<0.0071	U		<0.0074	U		0.0019	J		<0.0065	U		<0.0061	U		<0.0034	U		0.003	J		0.0014	J	
		VMP-1-5-072516	7/25/2016	<0.0073	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0025	J		<0.0035	U		0.0027	J		<0.0059	U	
		VMP-1-5-102816	10/28/2016	<0.0065	U		0.0012	J		<0.0073		U	<0.0059	U		<0.0056	J	U	<0.0031	U		0.24			0.065		
	8.5 ft	VMP-1-8.5	11/2/2009	<0.88	U		<0.92	U		<0.8	U		<0.8	U		370			<0.42	U		<0.71	U		<0.71	U	
		VMP-1-8.5-082510	8/25/2010	<0.069	U		<0.072	U		<0.063	U		<0.063	U		4.2			<0.033	U		<0.056	U		<0.056	U	
		VMP-1-8.5-111710	11/17/2010	<0.013	J	U	<0.014	U		<0.012	U		<0.012	U		3.1			<0.0063	U		0.002	J		<0.011	U	
		VMP-1-8.5-111710-Dup	11/17/2010	<0.013	J	U	<0.014	U		<0.012	U		<0.012	U		2.8			<0.0063	U		0.0014	J		<0.011	U	
		VMP-1-8.5-020411	2/4/2011	<1.1	U		<1.1	U		<0.98	U		<0.98	U		350			<0.51	U		<0.86	U		<0.86	U	
		VMP-1-8.5-041211	4/12/2011	0.0048	J		0.0012	J		0.0025	J		<0.0086	U		1.9			<0.0044	U		0.0047	J		<0.0076	U	
		VMP-1-8.5-080111	8/1/2011	<3.9	U		<4	U		<3.5	U		<3.5	U		380			<1.8	U		<3.1	U		<3.1	U	
		VMP-1-8.5-080111-Dup	8/1/2011	<3.8	U		<4	U		<3.5	U		<3.5	U		360			<1.8	U		<3.1	U		<3.1	U	
		VMP-1-8.5-110311	11/3/2011	<43	U		<45	U	UJ	<40	U		<40	U		480			<20	U		<35	U		<35	U	
		VMP-1-8.5-013012	1/30/2012	<9.4	U		<9.8	U		<8.6	U		<8.6	U		320			<4.5	U		<7.6	U		<7.6	U	
		VMP-1-8.5-041612	4/16/2012	<0.0057	U		0.0018	J		<0.0052	U		0.00086	J		0.078			<0.0027	U		0.0073			0.0024	J	
		VMP-1-8.5-041612-Dup	4/16/2012	<0.0055	U		0.0019	J		0.0015	J		<0.0051	U		0.075			<0.0026	U		0.0068			0.0027	J	
		VMP-1-8.5-071612	7/16/2012	<0.0049	J	U	0.0012	J		<0.0045	J	U	<0.0045	J	U	0.0041	J		<0.0024	U		0.02			0.0052		
		VMP-1-8.5-101112	10/11/2012	<0.0076	U		0.0014	J		<0.0069	U		<0.0069	U		0.82			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-1-8.5-012113	1/21/2013	<0.13	U		<0.14	U	UJ	<0.12	U		<0.12	U		5.7			<0.064	U		<0.11	U		<0.11	U	
		VMP-1-8.5-012313-R	1/23/2013	<0.12	U		<0.13	U		<0.11	U		<0.11	U		4.6			<0.06	U		0.039	J		0.021	J	
		VMP-1-8.5-050813	5/8/2013	<0.0082	U		0.0017	J		0.0035	J	J	<0.0075	U		0.046			<0.0039	U		0.0049	J		0.0016	J	
		VMP-1-8.5-072913	7/29/2013	<0.008	U		0.0013	J		<0.0073	U		<0.0073	U		0.0027	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-1-8.5-110413	11/4/2013	<0.0066	U		0.0011	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-1-8.5-020714	2/7/2014	<0.0062	U		0.0016	J		<0.0056	U		<0.0056	U		0.0013	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-1-8.5-043014	4/30/2014	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-1-8.5-080714	8/7/2014	<0.0072	U		0.0014	J		<0.0066	J	U	<0.0066	J	U	0.0023	J		<0.0034	U		0.0066			0.0021	J	
		VMP-1-8.5-103114	10/31/2014	<0.0071	U		0.0014	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-1-8-020915	2/9/2015	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-1-8.5-050515	5/5/2015	<0.0075	U		<0.0078	U		0.0078			<0.0068	J	U	0.0062	J		<0.0036	U		0.0094			0.0045	J	
		VMP-1-8.5-073015	7/30/2015	<0.0074	U		0.0014	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-1-8.5-110315	11/3/2015	<0.0066	U		0.0017	J		<0.006	U		<0.006	U		0.0011	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-1-8.5-020316	2/3/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.01			<0.0036	U		<0.006	U		<0.006	U	
		VMP-1-8.5-050316	5/3/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		0.00089	J		<0.0061	U	
		VMP-1-8.5-072516	7/25/2016	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.001	J		<0.0031	U		0.0016	J		<0.0053	U	
		VMP-1-8.5-102816	10/28/2016	<0.0059	U		0.0012	J		<0.0054	U		<0.0054	U		0.0056			<0.0028	U		0.02			0.006		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	23.5 ft	VMP-1-23.5	11/2/2009	<2.1	U		<2.2	U		<1.9	U		<1.9	U		920			<1	U		<1.7	U		<1.7	U	
		VMP - 1 - 23.5 - 083010	8/30/2010	<2.4	U		<2.5	U		<2.2	U		<2.2	U		1600			<1.1	U		<1.9	U		<1.9	U	
		VMP-1-23.5-111810	11/17/2010	<0.0066	J	U	0.0014	J		<0.0061	U		<0.0061	U		0.06			<0.0032	U		<0.0054	J	U	<0.0054	U	
		VMP-1-23.5-020411	2/4/2011	<6.3	U		<6.5	U		<5.7	U		<5.7	U		1900			<3	U		<5	U		<5	U	
		VMP-1-23.5-041211	4/12/2011	11			<11	U		<9.3	U		<9.3	U		110		J	<4.8	U		<8.2	U		<8.2	U	
		VMP-1-23.5-041211-DUP	4/12/2011	2.2	J		<13	U		<12	U		<12	U		150		J	<6.1	U		<10	U		<10	U	
		VMP-1-23.5-080111	8/1/2011	<69	U		<72	U		<63	U		<63	U		1000			<33	U		<56	U		<56	U	
		VMP-1-23.5-110611	11/6/2011	<16	U		<17	U		<15	U		<15	U		710			<7.8	U		<13	U		<13	U	
		VMP-1-23.5-013112	1/31/2012	<32	U		<34	U		<120	U		<29	U		420			<15	U		<26	U		<26	U	
		VMP-1-23.5-041612	4/16/2012	<2.6	U		<2.7	U		<2.3	U		<2.3	U		76			<1.2	U		<2.1	U		<2.1	U	
		VMP-1-23.5-071612	7/16/2012	<32	U		<34	U		<30	U		<30	U		240			<15	U		<26	U		<26	U	
		VMP-1-23.5-102412	10/24/2012	<65	U		<68	U		<59	U		<59	U		180			<31	U		7	J		<52	U	
		VMP-1-23.5-012113	1/21/2013	<0.072	U	UJ	<0.076	U	UJ	<0.066	U	UJ	<0.066	U	UJ	4.2		J	<0.034	U	UJ	<0.058	U	UJ	<0.058	U	UJ
		VMP-1-23.5-012313-R	1/23/2013	<86	U		<90	U		<79	U		<79	U		790			<41	U		23	J		<70	U	
		VMP-1-23.5-050813	5/8/2013	<0.083	U		<0.087	U		<0.076	U		<0.076	U		12			<0.04	U		<0.067	U		<0.067	U	
		VMP-1-23.5-050813-Dup	5/8/2013	<0.078	U		<0.082	U		<0.072	U		<0.072	U		12			<0.037	U		<0.063	U		<0.063	U	
		VMP-1-23.5-072913	7/29/2013	<0.008	U		0.0013	J		<0.0073	U		<0.0073	U		0.17			<0.0038	U		0.0014	J		<0.0064	U	
		VMP-1-23.5-110413	11/4/2013	<0.0064	U		0.001	J		0.00042	J		<0.0058	U		0.0066			<0.003	U		<0.0051	U		<0.0051	U	
		VMP-1-23.5-020714	2/7/2014	<0.0065	U		0.0015	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-1-23.5-043014	4/30/2014	<0.006	U		<0.0063	U		<0.0055	U		<0.0055	U		0.0079			<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-1-23.5-080714	8/7/2014	<0.0065	U		0.0011	J		<0.006	J	U	<0.006	J	U	0.0011	J		<0.0031	U		0.0013	J		<0.0053	U	
		VMP-1-23.5-103114	10/31/2014	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.0017	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-1-23.5-020915	2/9/2015	<0.0065	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-1-23.5-050515	5/5/2015	<0.0067	U		0.0015	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-1-23.5-073015	7/30/2015	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-1-23.5-110315	11/3/2015	<0.0069	U		0.002	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-1-23.5-020316	2/3/2016	<0.0074	U		<0.0077	U		0.0097			<0.0067	J	U	<0.0064	U		<0.0035	U		0.0017	J		<0.0059	U	
		VMP-1-23.5-050316	5/3/2016	0.0024	J		<0.0081	U		<0.007	U		<0.007	U		0.0012	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-1-23.5-050316-DUP	5/3/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.00094	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-1-23.5-072516	7/25/2016	<0.0069	U		0.0016	J		<0.0063	U		<0.0063	U		0.0067			<0.0033	U		0.0012	J		<0.0056	U	
		VMP-1-23.5-072516-DUP	7/25/2016	<0.0074	U		<0.0078	U		0.0032	J		<0.0068	U		0.0065			<0.0035	U		0.0028	J		<0.006	U	
		VMP1-23.5-102816	10/28/2016	<0.0066	U		<0.0069	U		0.016			<0.0068		U	<0.0057	J	U	<0.0031	U		0.58			0.15		
	38.5 ft	VMP-1-38.5	11/2/2009	<6	U		<6.3	U		<5.5	U		<5.5	U		2400			<2.9	U		<4.9	U		<4.9	U	
		VMP-1-38.5-073112	7/31/2012	<0.005	U		0.0012	J		0.0044	J		<0.0046	U		0.0042	J		<0.0024	U		0.0084			0.0026	J	
		VMP-1-38.5-102612	10/26/2012	<3.5	U		<3.6	U		<3.2	U		<3.2	U		58			<1.7	U		<2.8	U		<2.8	U	
		VMP-1-38.5-012113	1/21/2013	<0.047	U	UJ	<0.049	U	UJ	<0.043	U	UJ	<0.043	U	UJ	1.4		J	<0.022	U	UJ	<0.038	U	UJ	<0.038	U	UJ
		VMP-1-38.5-012313-R	1/23/2013	<64	U		<67	U		<58	U		<58	U		390			<30	U		16	J		7.2	J	
		VMP-1-38.5-050913	5/9/2013	<200	U		<210	U		<190	U		<190	U		1600			<98	U		<160	U		<160	U	
		VMP-1-38.5-020714	2/7/2014	<0.064	U		<0.067	U		<0.059	U		<0.059	U		50		J	<0.03	U		<0.052	U		<0.052	U	
		VMP-1-38.5-020714-Dup	2/7/2014	<0.068	U		<0.071	U		<0.062	U		<0.062	U		70		J	<0.032	U		<0.055	U		<0.055	U	
		VMP-1-38.5-043014	4/30/2014	<0.066	U		<0.069	U		<0.06	U		<0.06	U		33			<0.031	U		<0.053	U		<0.053	U	
		VMP-1-38.5-080714	8/7/2014	2			<1.7	U		0.63	J		<1.5	U		97			<0.79	U	UJ	0.7	J		<1.4	U	
		VMP-1-38.5-103114	10/31/2014	<0.065	U		<0.068	U		<0.059	U		<0.059	U		27			<0.031	U		<0.052	U		<0.052	U	
		VMP-1-38.5-020915	2/9/2015	0.23	J		0.46	J		0.25	J		0.15	J		310			<0.34	U		0.77			0.28	J	
		VMP-1-38.5-020915-DUP	2/9/2015	<0.68	U		<0.71	U		0.69			0.19	J		320			<0.32	U		0.19	J		0.11	J	
		VMP-1-38.5-050515	5/5/2015	<0.71	U		<0.74	U		0.2	J		<0.65	U		61			<0.34	U		0.88			0.39	J	
		VMP-1-38.5-061515-R	6/15/2015	<0.078	U		<0.082	U		<0.072	U		<0.072	U		25			<0.037	U		<0.063	U		<0.063	U	
		VMP-1-38.5-073015	7/30/2015	<0.0078	U		0.0017	J		<0.0072	U		<0.0072	U		0.13			<0.0037	U		<0.0063	U		<0.0063	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	5 ft	VMP-2-5	11/2/2009	<0.78	U		<0.82	U		<0.72	U		<0.72	U		270			<0.37	U		<0.63	U		<0.63	U	
		VMP - 2 - 5 - 083110	8/31/2010	<2.4	U		<2.5	U		<2.2	U		<2.2	U		1300			<1.1	U		<1.9	U		<1.9	U	
		VMP-2-5-111610	11/16/2010	<3.5	U		<3.7	U		<3.2	U		<3.2	U		2000			<1.7	U		<2.9	U		<2.9	U	
		VMP-2-5-020411	2/4/2011	<0.93	U		<0.97	U		<0.85	U		<0.85	U		570			<0.44	U		<0.75	U		<0.75	U	
		VMP-2-5-041311	4/13/2011	0.0042	J		0.0015	J		0.0022	J		<0.0068	U		1.1			<0.0036	U		0.0038	J		<0.006	U	
		VMP-2-5-080211	8/2/2011	<7.8	U		<8.1	U		<7.1	U		<7.1	U		1300			<3.7	U		<6.3	U		<6.3	U	
		VMP-2-5-110711	11/7/2011	<0.0046	J	U	0.0011	J		<0.0042	U		<0.0042	U		0.053			<0.0022	U		0.0022	J		0.00071	J	
		VMP-2-5-012512	1/25/2012	<0.52	U		<0.54	U		<0.48	U		<0.48	U		200			<0.25	U		0.14	J		<0.42	U	
		VMP-2-5-042512	4/25/2012	<0.02	U		<0.021	U		<0.019	U		<0.019	U		12			<0.0098	U		0.0091	J		0.0042	J	
		VMP-2-5-071612	7/16/2012	<0.005	U		0.0012	J		0.0049			<0.0046	J	U	0.022			<0.0024	U		0.026			0.0071		
		VMP-2-5-102412	10/24/2012	<0.0077	U		0.0014	J		<0.007	J	U	<0.007	U		0.01			<0.0036	U		0.0044	J		0.0012	J	
		VMP-2-5-013113	1/31/2013	<0.0074	U		0.0014	J		<0.0068	J	U	<0.0068	J	U	0.026			<0.0035	U		<0.006	U		<0.006	U	
		VMP-2-5-050613	5/6/2013	<0.0069	U		0.0014	J		0.01			0.0033	J		0.0057	J		<0.0033	U		0.0031	J		0.0014	J	
		VMP-2-5-022614	2/26/2014	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-2-5-050114	5/1/2014	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-2-5-111014	11/10/2014	0.0027	J		<0.0061	U		<0.0053	J	U	<0.0053	U		0.015			<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-2-5-021015	2/10/2015	<0.0071	U		<0.0074	U		5.8			1.8			0.12			<0.0034	U		5.5			2.5		
		VMP-2-5-050615	5/6/2015	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-2-5-110415	11/4/2015	<0.0067	U		0.0021	J		<0.0061	J	U	<0.0061	U		0.0032	J		<0.0032	U		0.0021	J		0.002	J	
		VMP-2-5-020116	2/1/2016	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-2-5-042716	4/27/2016	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-2-5-072616	7/26/2016	<0.007	U		0.0014	J		<0.0064	J	U	<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-2-5-102616	10/26/2016	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.0078			<0.0035	U		<0.0059	U		<0.0059	U	
	8.5 ft	VMP-2-8.5	11/3/2009	<0.27	U		<0.29	U		<0.25	U		<0.25	U		74			<0.13	U		<0.22	U		<0.22	U	
		VMP-2-8.5-D	11/3/2009	<0.29	U		<0.3	U		<0.26	U		<0.26	U		82			<0.14	U		<0.23	U		<0.23	U	
		VMP - 2 - 8.5 - 083110	8/31/2010	<2.5	U		<2.6	U		<2.3	U		<2.3	U		2000			<1.2	U		<2	U		<2	U	
		VMP-2-8.5-111610	11/16/2010	<6.8	U		<7.1	U		<6.2	U		<6.2	U		2000			<3.2	U		<5.5	U		<5.5	U	
		VMP-2-8.5-020411	2/4/2011	<2.3	U		<2.4	U		<2.1	U		<2.1	U		830			<1.1	U		<1.9	U		<1.9	U	
		VMP-2-8.5-041311	4/13/2011	0.095	J		0.12	J		<0.65	U		<0.65	U		140	B		<0.34	U		0.048	J		0.074	J	
		VMP-2-8.5-080211	8/2/2011	<28	U		<30	U		<26	U		<26	U		1600			<14	U		<23	U		<23	U	
		VMP-2-8.5-110711	11/7/2011	<0.061	U		<0.064	U	UJ	0.01	J		<0.056	U		14			<0.029	U		<0.05	U		<0.05	U	
		VMP-2-8.5-012612	1/26/2012	<2.7	U		<2.8	U		<9.9	U		<2.5	U		510		J	<1.3	U		<2.2	U		<2.2	U	
		VMP-2-8.5-012612-DUP	1/26/2012	<2.7	U		<2.8	U		<9.9	U		<2.5	U		770		J	<1.3	U		<2.2	U		<2.2	U	
		VMP-2-8.5-041612	4/16/2012	<0.0053	U		<0.0055	U		0.0018	J		<0.0048	U		0.19			<0.0025	U		0.0083			0.0035	J	
		VMP-2-8.5-041612-Dup	4/16/2012	<0.0054	U		0.0017	J		0.0018	J		<0.0049	U		0.19			<0.0026	U		0.0093			0.0037	J	
		VMP-2-8.5-071612	7/16/2012	<0.006	U		0.0024	J		0.0044	J		<0.0055	J	U	0.0073			<0.0029	U		0.018		J	0.0062		
		VMP-2-8.5-071612-Dup	7/16/2012	<0.0049	J	U	0.0022	J		0.0088			0.0034	J		0.0046			<0.0024	U		0.028		J	0.0099		
		VMP-2-8.5-102312	10/23/2012	<0.0078	U		0.0016	J		0.0046	J		0.002	J		0.13			<0.0037	U		0.022			0.0074		
		VMP-2-8.5-020513	2/5/2013	<0.008	U		<0.0083	J	U	<0.0073	U		<0.0073	U		0.038			<0.0038	U		0.0036	J		0.0022	J	
		VMP-2-8.5-050613	5/6/2013	<0.0074	U		0.0016	J		<0.0068	U		<0.0068	U		0.004	J		<0.0035	U		0.0061			0.0032	J	
		VMP-2-8.5-050613-Dup	5/6/2013	<0.0072	U		0.0016	J		<0.0066	U		<0.0066	U		0.0058	J		<0.0034	U		0.0041	J		0.0019	J	
		VMP-2-8.5-022614	2/26/2014	<0.0068	U		<0.0071	J	U	<0.0062	U		<0.0062	U		<0.0059	J	U	<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-2-8.5-050114	5/1/2014	<0.0068	U		<0.0071	U		<0.0062	J	U	<0.0062	U		0.016			<0.0032	U		0.0069			0.003	J	
		VMP-2-8.5-081514	8/15/2014	<0.0085	U		0.0023	J		<0.0078	J	U	<0.0078	U		0.0017	J		<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-2-8.5-081514-DUP	8/15/2014	<0.009	U		0.0022	J		<0.0082	U		<0.0082	U		0.0012	J		<0.0043	U		0.00097	J		<0.0072	U	
		VMP-2-8.5-111014	11/10/2014	<0.008	U		<0.0083	U		<0.0073	J	U	<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-2-8.5-021015	2/10/2015	<0.0074	U		<0.0078	U		0.01			<0.0068	J	U	0.0012	J		<0.0035	U		0.0041	J		0.0021	J	
		VMP-2-8.5-050615	5/6/2015	<0.0075	U		<0.0078	U		0.0065	J		<0.0068	J	U	0.0011	J		<0.0036	U		0.0092			0.0048	J	
		VMP-2-8.5-110415	11/4/2015	<0.0075	U		<0.0079	U		0.0028	J		<0.0069	U		0.009			<0.0036	U		0.0028	J		0.0019	J	
		VMP-2-8.5-021616	2/16/2016	<0.0085	U		0.0021	J		0.0015	J		<0.0078	U		0.012			<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-2-8.5-042716	4/27/2016	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-2-8.5-072616	7/26/2016	<0.0079	U		<0.0082	U		<0.0072	J	U	<0.0072	U		<0.0069	U		<0.0038	U		0.00093	J		<0.0064	U	
		VMP-2-8.5-102616	10/26/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		0.01			0.0028	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	22 ft	VMP-2-22	11/3/2009	<1.5	U		<1.6	U		<1.4	U		<1.4	U		600			<0.72	U		<1.2	U		<1.2	U	
		VMP - 2 - 22 - 083110	8/31/2010	<3.8	U		<4	U		<3.5	U		<3.5	U		2300			<1.8	U		<3.1	U		<3.1	U	
		VMP-2-22-111610	11/16/2010	<7.1	U		<7.4	U		<6.5	U		<6.5	U		2300			<3.4	U		<5.7	U		<5.7	U	
		VMP-2-22-020411	2/4/2011	<3.2	U		<3.3	U		<2.9	U		<2.9	U		1400			<1.5	U		<2.6	U		<2.6	U	
		VMP-2-22-041311	4/13/2011	<9.4	U		<9.8	U		<8.6	U		<8.6	U		760	B		<4.5	U		<7.6	U		<7.6	U	
		VMP-2-22-080211	8/2/2011	<38	U		<40	U		<35	U		<35	U		1500			<18	U		<31	U		<31	U	
		VMP-2-22-110711	11/7/2011	<2	U		<2.1	U	UJ	<1.8	U		<1.8	U		120			<0.95	U		<1.6	U		<1.6	U	
		VMP-2-22-012612	1/26/2012	<4.2	U		<4.4	U		<15	U		<3.8	U		650		J	<2	U		<3.4	U		<3.4	U	
		VMP-2-22-042712	4/27/2012	<0.0043	U		0.0011	J		0.0009	J		<0.004	U		0.077			<0.002	U		0.0048			0.0017	J	
		VMP-2-22-071612	7/16/2012	<0.0051	U		0.0021	J		0.0056			<0.0047	J	U	0.023			<0.0024	U		0.03			0.0094		
		VMP-2-22-102312	10/23/2012	<0.0078	U		0.0015	J		<0.0072	U		<0.0072	U		0.031			<0.0037	U		<0.0063	J	U	<0.0063	U	
		VMP-2-22-013113	1/31/2013	<0.0072	U		0.001	J		<0.0066	U		<0.0066	U		0.0026	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-2-22-050613	5/6/2013	<0.0074	U		0.002	J		<0.0068	U		<0.0068	U		0.003	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-2-22-081213	8/12/2013	0.0018	J		0.0015	J		0.012			0.017			0.26			<0.0039	U	UJ	0.015			0.0022	J	
		VMP-2-22-111513	11/15/2013	0.004	J		<0.0075	U		0.016			0.006	J		4.3			<0.0034	U		0.002	J		<0.0058	U	
		VMP-2-22-022614	2/26/2014	<0.0067	U		<0.007	J	U	<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-2-22-050114	5/1/2014	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-2-22-081414	8/14/2014	<0.0083	U		<0.0087	U		0.0022	J		<0.0076	U		0.003	J		<0.004	U		0.0016	J		<0.0067	U	
		VMP-2-22-111014	11/10/2014	<0.0063	U		<0.0065	U		0.018			<0.0057		U	0.28			<0.003	U		0.016			0.0041	J	
		VMP-2-22-021015	2/10/2015	<0.0069	U		<0.0072	U		0.0053	J		<0.0063	J	U	0.012			<0.0033	U		0.0066			0.0021	J	
		VMP-2-22-021015-DUP	2/10/2015	<0.0068	U		<0.0071	U		<0.0062	J	U	<0.0062	J	U	0.011			<0.0032	U		0.0037	J		0.0012	J	
		VMP-2-22-050615	5/6/2015	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.013			<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-2-22-073015	7/30/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0058	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-2-22-110415	11/4/2015	<0.0071	U		0.0025	J		<0.0065	U		<0.0065	U		0.002	J		<0.0034	U		0.0017	J		<0.0058	U	
		VMP-2-22-020116	2/1/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-2-22-020116-DUP	2/1/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-2-22-042716	4/27/2016	<0.0086	U		<0.009	U		<0.0078	U		<0.0078	U		<0.0074	U		<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-2-22-072616	7/26/2016	<0.0077	U		0.0018	J		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-2-22-102616	10/26/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		0.0063			0.0015	J	
	42 ft	VMP-2-42	11/3/2009	<30	U		<31	U		<27	U		<27	U		1700			<14	U		160			58		
		VMP-2-42-013113	1/31/2013	<70	U		<73	U		15	J		<64	U		420			<33	U		12	J		<56	U	
		VMP-2-42-050613	5/6/2013	<30	U		<31	U		<27	U		<27	U		1100			<14	U		<24	U		<24	U	
		VMP-2-42-022614	2/26/2014	<66	U		<69	U		<60	U		<60	U		560			<31	U		<53	U		<53	U	
		VMP-2-42-050114	5/1/2014	<6.1	U		<6.4	U		<5.6	U		<5.6	U		400			<2.9	U		<5	U		<5	U	
		VMP-2-42-081414	8/14/2014	22	J		<31	U		<28	U		<28	U		530			<14	U	UJ	7.6	J		<24	U	
		VMP-2-42-021015	2/10/2015	<6.4	U		<6.7	U		<5.8	U		<5.8	U		970			<3	U		6.2			<5.2	U	
		VMP-2-42-050615	5/6/2015	<91	U		<96	U		<84	U		<84	U		940			<43	U		43	J		15	J	
		VMP-2-42-061515-R	6/15/2015	<73	U		<76	U		<67	U		<67	U		1200			<35	U		<59	U		<59	U	
		VMP-2-42-073015	7/30/2015	<440	U		<460	U		<400	U		<400	U		670			<210	U		<350	U		<350	U	
VMP-3	5 ft	VMP-3-5	11/3/2009	<0.029	U		<0.03	U		<0.026	U		<0.026	U		6.4			<0.014	U		0.1			0.045		
		VMP-3-5-090910	9/9/2010	<7.1	U		<7.5	U		<6.5	U		<6.5	U		1200			<3.4	U		<5.8	U		<5.8	U	
		VMP-3-5-112210	11/22/2010	8.9			<7.6	U		<6.6	U		<6.6	U		1100			<3.4	U		2.3	J		<5.8	U	
		VMP-3-5-020911	2/9/2011	<3.2	U		<3.4	U		<3	U		<3	U		460			<1.5	U		<2.6	U		<2.6	U	
		VMP-3-5-041411	4/14/2011	<35	U		<36	U		<32	U		<32	U		1100			<17	U		<28	U		<28	U	
		VMP-3-5-080211	8/2/2011	<0.0084	U		<0.0087	U		0.0069	J		0.0018	J		0.37			<0.004	U		0.0074			0.0026	J	
		VMP-3-5-110811	11/8/2011	<0.0046	U		0.00096	J		<0.0042	J	U	<0.0042	U		<0.004	U		<0.0022	U		0.0017	J		<0.0037	U	
		VMP-3-5-110811-DUP	11/8/2011	<0.0047	U		0.00086	J		<0.0043	J	U	<0.0043	U		<0.0041	U		<0.0022	U		0.0015	J		0.00056	J	
		VMP-3-5-012712	1/27/2012	<2.4	U		<2.4	U		<8.6	U		<2.2	U		260			<1.1	U		<1.9	U		<1.9	U	
		VMP-3-5-041912	4/19/2012	<0.0051	U		0.0017	J		0.0041	J		0.0013	J		0.098			<0.0024	U		0.015			0.0045		
		VMP-3-5-072712	7/27/2012	<0.0054	U		0.0018	J		0.0028	J		0.0011	J		0.0022	J		<0.0026	U		0.0056			0.0029	J	
		VMP-3-5-060413	6/4/2013	<0.0085	U		0.0037	J		<0.0078	U		<0.0078	U		0.0053	J		<0.004	U		0.0038	J		0.0018	J	
		VMP-3-5-072913	7/29/2013	<0.0082	U		0.0035	J		0.0011	J		0.0022	J		0.55			<0.0039	U		0.0028	J		0.0017	J	
		VMP-3-5-110613	11/6/2013	<0.007	U		<0.0073	U		<0.0064	J	U	<0.0064	U		0.023			<0.0033	U		0.002	J		<0.0056	U	
		VMP-3-5-021314	2/13/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0016	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-3-5-050214	5/2/2014	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		0.0019	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-3-5-081214	8/12/2014	<0.015	U		<0.015	U		<0.013	J	U	<0.013	U		0.11			<0.007	U		0.004	J		<0.012	U	
		VMP-3-5-103114	10/31/2014	<0.0075	U		0.0014	J		<0.0068	U		<0.0068	U		0.0032	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-3-5-020915	2/9/2015	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-3-5-050415	5/4/2015	<0.0076	U		0.0017	J		<0.007	J	U	<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-3-5-072915	7/29/2015	<0.007	U		0.0018	J		0.00091	J		<0.0064	U		0.002	J		<0.0033	U		0.0014	J		0.001	J	
		VMP-3-5-110515	11/5/2015	<0.006	U		0.0019	J		0.042			0.0067			0.09			<0.0029	U		0.0064			<0.0049	U	
		VMP-3-5-021616	2/16/2016	<0.0062	U		0.0016	J		<0.0057	U		<0.0057	U		0.001	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-3-5-042716	4/27/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.05			<0.0033	U		0.0017	J		<0.0056	U	
		VMP-3-5-080116	8/1/2016	<0.01	U		<0.011	U		<0.0096	U		<0.0096	U		<0.0091	U		<0.005	U		<0.0085	U		<0.0085	U	
		VMP-3-5-102616	10/26/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0012	J		<0.0036	U		0.015			0.0035	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10	6/21/2010	<8.1	U		<8.5	U		4.3	J		1.4	J		3500			<3.9	U		2.9	J		<6.6	U	
		VMP 3-10-091010	9/10/2010	<23	U		<24	U		<21	U		<21	U		3000			<11	U		<18	U		<18	U	
		VMP-3-10-092010	9/20/2010	<17	U		<17	U		<15	U		<15	U		2400			<7.9	U		6.6	J		<13	U	
		VMP-3-10-112210	11/22/2010	<7.1	U		<7.4	U		<6.5	U		<6.5	U		3200			<3.4	U		2.8	J		<5.7	U	
		VMP-3-10-112210-Dup	11/22/2010	<9.9	U		<10	U		<9	U		<9	U		3100			<4.7	U		2.2	J		<8	U	
		VMP-3-10-020811	2/8/2011	<10	U		<11	U		<9.5	U		<9.5	U		3300			<5	U		<8.4	U		<8.4	U	
		VMP-3-10-041311	4/13/2011	<60	U		<63	U		<55	U		<55	U		1900			<29	U		<49	U		<49	U	
		VMP-3-10-080311	8/3/2011	<0.076	U		<0.08	U		0.013	J		<0.07	U		26			<0.036	U		0.016	J		<0.062	U	
		VMP-3-10-110811	11/8/2011	<0.0063	U		<0.0065	U		0.0012	J		<0.0057	U		1.1			<0.003	U		0.0021	J		0.00084	J	
		VMP-3-10-012712	1/27/2012	<0.045	U		<0.047	U		0.021	J		0.017	J		8.9			<0.021	U		0.03	J		0.019	J	
		VMP-3-10-042012	4/20/2012	<0.0046	J	U	0.0015	J		<0.0042	J	U	<0.0042	J	U	0.049			<0.0022	U		0.0048			0.0016	J	
		VMP-3-10-072312	7/23/2012	<0.0054	U		0.0012	J		0.0018	J		<0.0049	U		0.68			<0.0026	U		0.0024	J		0.0012	J	
		VMP-3-10-101812	10/18/2012	<0.0081	U		0.0035	J		0.0042	J	J	0.018			0.25			<0.0039	U		0.028			0.017		
		VMP-3-10-020613	2/6/2013	<0.0076	U		0.0014	J		<0.0069	U		<0.0069	U		0.0019	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-3-10-060413	6/4/2013	<0.0081	U		0.0023	J		<0.0074	U		<0.0074	U		0.0041	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-3-10-072913	7/29/2013	<0.0078	U		0.0018	J		0.0023	J		<0.0072	U		0.12			<0.0037	U		0.0043	J		0.0019	J	
		VMP-3-10-110613	11/6/2013	<0.0072	U		<0.0075	U		<0.0066	J	U	<0.0066	U		0.54			<0.0034	U		0.003	J		<0.0058	U	
		VMP-3-10-022814	2/28/2014	<0.0064	U		0.0011	J		0.019		J	0.0048	J		0.024			<0.003	U		0.0083		J	0.0043	J	
		VMP-3-10-022814-Dup	2/28/2014	<0.0062	U		0.0014	J		0.041		J	0.012			0.027			<0.0029	U		0.02		J	0.012		
		VMP-3-10-050214	5/2/2014	<0.0069	U		<0.0072	U		<0.0063	U		0.0017	J		0.0024	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-3-10-081214	8/12/2014	<0.0081	U		0.0018	J		<0.0074	J	U	<0.0074	U		0.062			<0.0039	U		0.0026	J		<0.0066	U	
		VMP-3-10-103114	10/31/2014	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0017	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-3-10-020915	2/9/2015	<0.006	U		<0.0063	U		<0.0055	U		<0.0055	U		0.0019	J		<0.0028	U		0.0017	J		<0.0048	U	
		VMP-3-10-050415	5/4/2015	<0.0077	U		<0.0081	U		0.0037	J		<0.0071	U		<0.0067	U		<0.0037	U		0.0019	J		<0.0062	U	
		VMP-3-10-072915	7/29/2015	<0.0065	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-3-10-110315	11/3/2015	0.063			0.0022	J		<0.0068	U		<0.0068	U		0.0011	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-3-10-021616	2/16/2016	<0.0067	U		0.0021	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-3-10-042716	4/27/2016	<0.0081	U		0.0016	J		<0.0074	U		<0.0074	U		0.0022	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-3-10-080216	8/2/2016	<0.0074	U		0.0017	J		<0.0068	U		<0.0068	U		0.0063	J		<0.0035	U		0.0043	J		0.0018	J	
		VMP-3-10-102616	10/26/2016	<0.0084	U		<0.0088	U		<0.0077	U		<0.0077	U		0.0017	J		<0.004	U		0.11			0.025		
	22 ft	VMP-3-22	11/4/2009	<21	U		<22	U		<19	U		<19	U		3800			<9.9	U		22			<17	U	
		VMP-3-22-092010	9/20/2010	<22	U		<23	U		5.3	J		<20	U		3200			<10	U		26			11	J	
		VMP-3-22-112210	11/22/2010	<25	U		<26	U		<23	U		<23	U		4100			<12	U		8.8	J		<20	U	
		VMP-3-22-020811	2/8/2011	<12	U		<13	U		<11	U		<11	U		2900			<5.8	U		7.6	J		<9.9	U	
		VMP-3-22-041511	4/15/2011	<67	U		<70	U		<61	U		<61	U		2200			<32	U		<54	U		<54	U	
		VMP-3-22-080611	8/6/2011	<0.11	U		<0.11	U		0.014	J		<0.097	U		23			<0.05	U		0.045	J		<0.086	U	
		VMP-3-22-110811	11/8/2011	<0.0047	U		0.00099	J		<0.0043	J	U	<0.0043	U		0.78			<0.0022	U		<0.0038	J	U	0.00063	J	
		VMP-3-22-013012	1/30/2012	<0.019	U		<0.02	U		<0.017	U		<0.017	U		5.9			<0.0089	U		0.0083	J		<0.015	U	
		VMP-3-22-042012	4/20/2012	0.002	J		0.0012	J		<0.0043	J	U	<0.0043	U		0.28			<0.0022	U		0.0032	J		0.0011	J	
		VMP-3-22-072312	7/23/2012	<0.0053	U		0.00097	J		0.00091	J		<0.0048	U		0.01			<0.0025	U		0.0013	J		<0.0042	U	
		VMP-3-22-101812	10/18/2012	<0.008	U		<0.0083	U		<0.0073	U	UJ	<0.0073	U		0.012			<0.0038	U		0.003	J		<0.0064	U	
		VMP-3-22-020613	2/6/2013	<0.0078	U		0.0014	J		<0.0071	U		<0.0071	U		0.0032	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-3-22-060413	6/4/2013	<0.0076	U		0.0018	J		<0.007	U		<0.007	U		<0.0066	J	U	<0.0036	U		0.0017	J		0.00092	J	
		VMP-3-22-060413-Dup	6/4/2013	<0.0079	U		0.0024	J		<0.0072	U		<0.0072	U		<0.0069	J	U	<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-3-22-072913	7/29/2013	<0.0076	U		0.0011	J		0.0011	J		<0.0069	U		0.025			<0.0036	U		0.01			0.0036	J	
		VMP-3-22-110613	11/6/2013	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-3-22-110613-Dup	11/6/2013	<0.0068	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0024	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-3-22-021314	2/13/2014	<0.0066	U		0.001	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-3-22-050214	5/2/2014	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.0014	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-3-22-081214	8/12/2014	<0.0079	U		0.0014	J		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0064	U		<0.0064	U	
		VMP-3-22-103114	10/31/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-3-22-020915	2/9/2015	<0.0066	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-3-22-050815	5/8/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.03			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-3-22-072915	7/29/2015	<0.0077	U		<0.0081	U		0.0015	J		<0.0071	U		0.0063	J		<0.0037	U		0.003	J		<0.0062	U	
		VMP-3-22-110315	11/3/2015	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0016	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-3-22-021616	2/16/2016	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-3-22-042716	4/27/2016	<0.0071	U		0.0014	J		<0.0065	U		<0.0065	U		0.00097	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-3-22-080116	8/1/2016	<0.0095	U		<0.0099	U		<0.0087	U		<0.0087	U		0.011			<0.0045	U		0.0023	J		<0.0077	U	
		VMP-3-22-102616	10/26/2016	<0.0077	U		<0.0081	U		<0.0071	J	U	<0.0071	U		0.0011	J		<0.0037	U		0.098			0.026		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	31.5 ft	VMP-3-31.5	11/4/2009	<33	U		<35	U		<30	U		<30	U		6800			<16	U		130			<27	U	
		VMP-3-31.5-090910	9/9/2010	<41	U		<43	U		38			17	J		8300			<19	U		87			26	J	
		VMP-3-31.5-112210	11/22/2010	<28	U		<30	U		9.8	J		<26	U		8000			<14	U		68			19	J	
		VMP-3-31.5-020911	2/9/2011	<27	U		<28	U		<25	U		<25	U		3200			<13	U		54			13	J	
		VMP-3-31.5-041411	4/14/2011	<220	U		<230	U		<200	U		<200	U		4300			<110	U		<180	U		<180	U	
		VMP-3-31.5-041411-DUP	4/14/2011	<220	U		<230	U		<200	U		<200	U		3900			<110	U		<180	U		<180	U	
		VMP-3-31.5-080211	8/2/2011	<500	U		<530	U		<460	U		<460	U		9100			<240	U		<410	U		<410	U	
		VMP-3-31.5-080211-Dup	8/2/2011	<300	U		<310	U		<270	U		<270	U		13000			<140	U		<240	U		<240	U	
		VMP-3-31.5-110811	11/8/2011	<12	U		<12	U		<11	U		<11	U		650			<5.6	U		1.8	J		<9.5	U	
		VMP-3-31.5-012712	1/27/2012	<74	U		<78	U		<270	U		<68	U		2900		J	<35	U		<60	U		<60	U	
		VMP-3-31.5-041912	4/19/2012	<130	U		<130	U		<120	U		<120	U		9600			<61	U		<100	U		<100	U	
		VMP-3-31.5-041912-Dup	4/19/2012	<120	U		<130	U		<110	U		<110	U		9800			<58	U		<99	U		<99	U	
		VMP-3-31.5-072312	7/23/2012	<31	U		<32	U		<28	U		<28	U		5300			<15	U		<25	U		<25	U	
		VMP-3-31.5-101912	10/19/2012	<2.5	U		<2.6	U		<2.3	U		<2.3	U		39			<1.2	U		0.22	J		<2	U	
		VMP-3-31.5-020713	2/7/2013	<14	U		<14	U		<13	U		<13	U		1700			<6.6	U		<11	U		<11	U	
		VMP-3-31.5-060413	6/4/2013	<7.6	U		<8	U		3.4	J		<7	U		1700			<3.6	U		8.9			<6.1	U	
		VMP-3-31.5-072913	7/29/2013	<8	U		<8.3	U		<7.3	U		<7.3	U		1600			<3.8	U		<6.4	U		<6.4	U	
		VMP-3-31.5-110613	11/6/2013	<0.34	U		<0.35	U		<0.31	U		<0.31	U		170			<0.16	U		<0.27	U		<0.27	U	
		VMP-3-31.5-022114	2/21/2014	<0.026	U		0.022	J		<0.024	U		<0.024	U		4.5			<0.012	U		<0.021	U		<0.021	U	
		VMP-3-31.5-050214	5/2/2014	<0.34	U		<0.36	U		<0.31	U		<0.31	U		71			<0.16	U		0.078	J		<0.28	U	
		VMP-3-31.5-081214	8/12/2014	<0.0072	U		0.029			<0.0066	J	U	<0.0066	U		0.61			<0.0034	U		0.0021	J		<0.0058	U	
		VMP-3-31.5-103114	10/31/2014	<0.007	U		0.076			<0.0064	U		<0.0064	U		0.12			<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-3-31.5-020915	2/9/2015	<0.0061	U		0.013			<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-3-31.5-110315	11/3/2015	<0.0069	U		0.022			<0.0063	U		<0.0063	U		0.07			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-3-31.5-020116	2/1/2016	<0.009	U		0.016			<0.0083	U		<0.0083	U		0.11			<0.0043	U		0.0015	J		<0.0073	U	
		VMP-3-31.5-042716	4/27/2016	<0.0069	U		0.0082			<0.0063	U		<0.0063	U		0.053			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-3-31.5-080116	8/1/2016	<0.0081	U		0.011			<0.0074	U		<0.0074	U		0.0053	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-3-31.5-102616	10/26/2016	<0.0064	U		0.019			<0.0058	J	U	<0.0058	U		0.0037	J		<0.003	U		0.084			0.024		
	39 ft	VMP-3-39	11/4/2009	<66	U		<69	U		<61	U		<61	U		7100			<32	U		110			<54	U	
		VMP-3-39-101912	10/19/2012	<250	U		<260	U		<230	U		<230	U		4200			<120	U		84	J		<200	U	
		VMP-3-39-021213	2/12/2013	<71	U		<74	U		<65	U		<65	U		5700			<34	U		14	J		<57	U	
		VMP-3-39-060413	6/4/2013	<7.4	U		<7.7	U		<6.8	U		<6.8	U		1800			<3.5	U		9.2			<6	U	
		VMP-3-39-072913	7/29/2013	<6.3	U		<6.6	U		<5.8	U		<5.8	U		1300			<3	U		<5.1	U		<5.1	U	
		VMP-3-39-110613	11/6/2013	<6.8	U		<7.1	U		<6.2	U		<6.2	U		7000			<3.2	U		3	J		<5.5	U	
		VMP-3-39-022114	2/21/2014	<65	U		<68	U		<59	U		<59	U		6400			<31	U		<52	U		<52	U	
		VMP-3-39-050214	5/2/2014	<1.4	U		<1.5	U		<1.3	U		<1.3	U		400			<0.69	U		<1.2	U		<1.2	U	
		VMP-3-39-050214-Dup	5/2/2014	<3.1	U		<3.2	U		<2.8	U		<2.8	U		370			<1.5	U		<2.5	U		<2.5	U	
		VMP-3-39-081214	8/12/2014	<4.2	U		<4.4	U		<3.8	U		<3.8	U		460			<2	U	UJ	<3.4	U		<3.4	U	
		VMP-3-39-103114	10/31/2014	0.22	J		<0.4	U		<0.35	U		<0.35	U		170			<0.18	U		<0.31	U		<0.31	U	
		VMP-3-39-020915	2/9/2015	<21	U		<22	U		4.5	J		<20	U		150			<10	U		<17	U		<17	U	
		VMP-3-39-110315	11/3/2015	<0.0067	U		0.12			<0.0061	U		<0.0061	U		0.0062			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-3-39-020116	2/1/2016	<0.0076	U		0.1			0.0028	J		0.00081	J		0.023			<0.0036	U		0.013			0.0046	J	
		VMP-3-39-020116-DUP	2/1/2016	<0.0074	U		0.11			0.0052	J		0.0016	J		0.026			<0.0035	U		0.018			0.0062		
VMP-4	5 ft	VMP-4-5	11/5/2009	<0.068	U		<0.071	U		<0.062	U		<0.062	U		20			<0.032	U		<0.055	U		<0.055	U	
		VMP-4-5-082510	8/25/2010	<0.39	U		<0.4	U		0.054	J		<0.35	U		220			<0.18	U		<0.31	U		<0.31	U	
		VMP-4-5-112210	11/22/2010	<14	U		<15	U		<13	U		<13	U		1800			<6.9	U		11	J		<12	U	
		VMP-4-5-021411	2/14/2011	<0.85	U		<0.88	U		<0.77	U		<0.77	U		260			<0.4	U		0.45	J		<0.68	U	
		VMP-4-5-041911	4/19/2011	<39	U		<41	U		<36	U		<36	U		1100			<18	U		<31	U		<31	U	
		VMP-4-5-080311	8/3/2011	<0.084	U		<0.087	U		0.016	J		<0.076	U		28			<0.04	U		0.012	J		<0.068	U	
		VMP-4-5-110911	11/9/2011	<0.0046	U		0.00092	J		<0.0042	J	U	<0.0042	J	U	0.92			<0.0022	U		0.0025	J		0.0013	J	
		VMP-4-5-013012	1/30/2012	<0.24	U		<0.24	U		<0.22	U		<0.22	U		170		J	<0.11	U		<0.19	U		<0.19	U	
		VMP-4-5-042512	4/25/2012	<0.0058	U		0.0014	J		0.0041	J		<0.0053	J	U	0.47			<0.0028	U		0.018			0.0059		
		VMP-4-5-072512	7/25/2012	<0.0058	U		0.00096	J		0.007			0.0028	J		0.02			<0.0027	U		0.043			0.013		
		VMP-4-5-101812	10/18/2012	<0.0084	U		<0.0087	U		0.0019	J	J	<0.0076	U		0.007	J		<0.004	U		0.0022	J		<0.0068	U	
		VMP-4-5-020713	2/7/2013	<0.0066	U		0.0012	J		<0.0061	J	U	<0.0061	U		0.013			<0.0032	U		0.0012	J		<0.0054	U	
		VMP-4-5-050913	5/9/2013	<0.0084	U		<0.0088	U		<0.0077	J	U	<0.0077	U		0.018			<0.004	U		0.005	J		<0.0068	U	
		VMP-4-5-080113	8/1/2013	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.028			<0.0039	U		0.0021	J		<0.0066	J	U
		VMP-4-5-120313-R	12/3/2013	<0.0078	U		0.0017	J		<0.0071	U		<0.0071	U		0.0055	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-4-5-022714	2/27/2014	0.0018	J		<0.0063	J	U	0.0019	J		0.001	J		0.069			<0.0028	U		0.0033	J		<0.0048	U	
		VMP-4-5-050214	5/2/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.003	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-4-5-081514	8/15/2014	<0.0079	U		0.0032	J		<0.0072	J	U	<0.0072	U		0.00088	J		<0.0037	U		<0.0064	U		<0.0064	U	
		VMP-4-5-021015	2/10/2015	<0.0069	U		<0.0072	U		<0.0063	J	U	<0.0063	J	U	<0.006	U		<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-4-5-110215	11/2/2015	<0.0076	U		0.0015	J		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-4-5-020316	2/3/2016	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-4-5-050516	5/5/2016	<0.31	U		<0.33	U		0.69			0.23	J		0.19	J		<0.15	U		1.6			0.59		
		VMP-4-5-080216	8/2/2016	<0.0072	U		0.0013	J		<0.0066	U		<0.0066	U		0.0011	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-4-5-102816	10/28/2016	<0.007	U		<0.0073	U		<0.0064	J	U	<0.0064	U		<0.0061	J	U	<0.0033	U		0.21			0.056		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	12 ft	VMP-4-12	11/5/2009	<1.1	U		<1.2	U		<1	U		<1	U		300			<0.54	U		1.5			<0.92	U	
		VMP-4-12-082510	8/25/2010	<6.8	U		<7.1	U		1.8	J		1.5	J		1400			<3.2	U		5.6			<5.5	U	
		VMP-4-12-112310	11/23/2010	<6.9	U		<7.2	U		3.5	J		2.6	J		1300			<3.3	U		6.2			<5.6	U	
		VMP-4-12-021411	2/14/2011	<1.7	U		<1.8	U		<1.6	U		0.52	J		600			<0.83	U		2.8			0.72	J	
		VMP-4-12-041911	4/19/2011	<34	U		<35	U		<31	U		<31	U		1200			<16	U		51			7.6	J	
		VMP-4-12-080311	8/3/2011	<3.9	U		<4	U		<3.5	U		<3.5	U		440			<1.8	U		0.77	J		<3.1	U	
		VMP-4-12-080311-Dup	8/3/2011	<7.8	U		<8.1	U		<7.1	U		<7.1	U		390			<3.7	U		<6.3	U		<6.3	U	
		VMP-4-12-110911	11/9/2011	<1.2	U		<1.2	U	UJ	<1.1	U		<1.1	U		64			<0.56	U		<0.95	U		<0.95	U	
		VMP-4-12-013012	1/30/2012	<2.4	U		<2.5	U		<2.2	U		<2.2	U		380			<1.1	U		1.6	J		<1.9	U	
		VMP-4-12-041812	4/18/2012	<0.0054	U		<0.0056	U		0.0017	J		0.0007	J		0.092			<0.0026	U		0.011			0.0025	J	
		VMP-4-12-072312	7/23/2012	<0.026	U		<0.027	U		0.029			0.014	J		0.46			<0.012	U		0.21			0.068		
		VMP-4-12-101812	10/18/2012	<0.0081	U		<0.0085	U		0.0012	J	J	<0.0074	U		0.0064	J		<0.0039	U		0.042			0.008		
		VMP-4-12-101812-Dup	10/18/2012	<0.0084	U		<0.0087	U		0.004	J	J	0.002	J		0.01			<0.004	U		0.051			0.011		
		VMP-4-12-020713	2/7/2013	<0.0072	U		0.0012	J		0.0073			<0.0066	J	U	0.049			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-4-12-020713-DUP	2/7/2013	<0.0074	U		0.0019	J		<0.0068	U		<0.0068	U		0.051			<0.0035	U		<0.006	U		<0.006	U	
		VMP-4-12-050913	5/9/2013	<0.016	U		<0.017	U		0.014	J		0.0069	J		0.25			<0.0077	U		0.0079	J		0.024		
		VMP-4-12-080113	8/1/2013	<0.0082	U		<0.0086	U		<0.0075	J	U	<0.0075	U		0.011			<0.0039	U		0.0088			0.0044	J	
		VMP-4-12-120313-R	12/3/2013	<0.0075	U		0.0014	J		0.0083			0.0032	J		0.95			<0.0036	U		0.0027	J		0.0015	J	
		VMP-4-12-022714	2/27/2014	<0.0064	U		<0.0067	J	U	<0.0059	U		<0.0059	U		0.0036	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-4-12-050214	5/2/2014	<0.0064	U		<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-4-12-081414	8/14/2014	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0042	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-4-12-021015	2/10/2015	<0.007	U		<0.0073	U		<0.0064	J	U	<0.0064	U		0.015			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-4-12-051115	5/11/2015	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-4-12-080315	8/3/2015	<0.0081	U		0.0021	J		<0.0074	U		<0.0074	U		0.0065	J		<0.0038	U		<0.0066	U		<0.0066	U	
		VMP-4-12-110215	11/2/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0022	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-4-12-020316	2/3/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-4-12-050316	5/3/2016	<0.0074	U		<0.0078	U		0.082			0.034			<0.0064	U		<0.0035	U		0.0054	J		0.0037	J	
		VMP-4-12-080216	8/2/2016	<0.0088	U		<0.0092	U		<0.0081	U		<0.0081	U		0.0012	J		<0.0042	U		<0.0071	U		<0.0071	U	
		VMP-4-12-102816	10/28/2016	<0.0073	U		<0.0076	U		<0.0067	J	U	<0.0067	U		<0.0064	U		<0.0035	U		0.068			0.02		
	23.5 ft	VMP-4-23.5	11/5/2009	<52	U		<54	U		78			<48	U		4700			<25	U		1300			410		
		VMP - 4 - 23.5 - 083110	8/31/2010	<7.8	U		<8.1	U		190		J	66		J	5800		J	<3.7	U		1800		J	600		J
		VMP-4-23.5-112310	11/23/2010	<78	U		<82	U		31	J		<72	U		4800			<37	U		1100			310		
		VMP-4-23.5-021411	2/14/2011	<2.8	U		<3	U		<2.6	U		<2.6	U		2400		J	<1.4	U		130		J	30		J
		VMP-4-23.5-042011	4/20/2011	<180	U		<190	U		<160	U		<160	U		5200			<86	U		900			230		
		VMP-4-23.5-042011-DUP	4/20/2011	<180	U		<190	U		<160	U		<160	U		4800			<86	U		830			230		
		VMP-4-23.5-080611	8/6/2011	<7.6	U		<7.9	U		11			6.1	J		2800			<3.6	U		320			91		
		VMP-4-23.5-110911	11/9/2011	<22	U		<24	U		<21	U		<21	U		1500			<11	U		4.2	J		<18	U	
		VMP-4-23.5-013012	1/30/2012	<48	U		<50	U		<44	U		<44	U		4800		J	<23	U		190		J	34	J	J
		VMP-4-23.5-013012-DUP	1/30/2012	<34	U		<35	U		<31	U		<31	U		3300		J	<16	U		57		J	8.8	J	
		VMP-4-23.5-041912	4/19/2012	<10	U		<11	U		<9.6	U		<9.6	U		2400			<5	U		13			4.4	J	
		VMP-4-23.5-072312	7/23/2012	<5	U		<5.3	U		<4.6	U		4.9			1500			<2.4	U		210			60		
		VMP-4-23.5-101812	10/18/2012	<5.5	U		<5.8	U		<5.1	U		<5.1	U		110			<2.6	U		7.2			2.6	J	
		VMP-4-23.5-020713	2/7/2013	<1.8	U		<1.8	U		<1.6	U		<1.6	U		150			<0.84	U		<1.4	U		<1.4	U	
		VMP-4-23.5-051513	5/15/2013	<2.1	U		<2.2	U		21			79			490			<1	U		320			130		
		VMP-4-23.5-080113	8/1/2013	<7.8	U		<8.1	U		7.5			54			390			<3.7	U		95			28		J
		VMP-4-23.5-080113-Dup	8/1/2013	<7.8	U		<8.1	U		4.8	J		44			360			<3.7	U		80			24		J
		VMP-4-23.5-110713	11/7/2013	<1.3	U		<1.4	U		6.9			45			240			<0.62	U		34			7.9		
		VMP-4-23.5-022714	2/27/2014	<0.24	U		<0.26	U		5.5			33			78			<0.12	U		18			2.6		
		VMP-4-23.5-050214	5/2/2014	<0.59	U		<0.62	U		39			48			140			<0.28	U		62			19		
		VMP-4-23.5-081314	8/13/2014	<0.15	U		<0.16	U		<0.14	U		1.2			3.6			<0.072	U		0.071	J		<0.12	U	
		VMP-4-23.5-090414-R	9/4/2014	<0.32	U		<0.33	U		<0.29	U		0.32			13			<0.15	U		<0.26	U		<0.26	U	
		VMP-4-23.5-110714	11/7/2014	<0.35	U		<0.37	U		<0.32	U		4.3			110			<0.17	U		0.28	J		0.079	J	
		VMP-4-23.5-021015	2/10/2015	<0.79	U		<0.82	U		0.78			9.6			120			<0.37	U		2.1			0.19	J	
		VMP-4-23.5-050815	5/8/2015	<0.74	U		<0.78	U		6.2			11			140			<0.35	U		37			9		
		VMP-4-23.5-061515-R	6/15/2015	<0.08	U		<0.084	U		6.8		J	22		J	170	E	J	<0.038	U		32		J	2.9		J
		VMP-4-23.5-073015	7/30/2015	<0.3	U		<0.31	U		0.5			9.9			100			<0.14	U		6.9			0.32		
		VMP-4-23.5-110215	11/2/2015	<0.15	U		<0.15	U		<0.14	U		5.2			99			<0.07	U		1.4			0.071	J	
		VMP-4-23.5-020316	2/3/2016	<1.3	U		<1.3	U		<1.2	U		1.8			140			<0.6	ND,UJ	UJ	<1	U		<1	U	
		VMP-4-23.5-020316-DUP	2/3/2016	<1.2	U		<1.3	U		<1.1	U		1.4			120			<0.58	ND,UJ	UJ	<0.99	U		<0.99	U	
		VMP-4-23.5-050316	5/3/2016	<0.098	U		<0.1	U		<0.09	U		0.78		J	70		J	<0.047	U		0.047	J	J	<0.079	U	
		VMP-4-23.5-080216	8/2/2016	<0.36	U		<0.38	U		0.14	J		0.46			74			<0.17	U		0.24	J		0.051	J	
		VMP-4-23.5-080216-DUP	8/2/2016	<0.37	U		<0.39	U		0.13	J		0.52			82			<0.18	U		0.27	J		0.053	J	
		VMP-4-23.5-092316-DUP-R	9/23/2016	<0.08	U		<0.083	U		<0.073	U		1.8		J	100	E	J	<0.038	U		0.099		J	<0.064	U	
		VMP-4-23.5-092316-R	9/23/2016	<0.086	U		<0.09	U		<0.079	U		1.8		J	110	E	J	<0.041	U		0.094		J	<0.069	U	
		VMP-4-23.5-102816	10/28/2016	<0.076	U		<0.079	U		0.015	J		1.1			75			<0.036	U		0.53			0.12		

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	39 ft	VMP-4-39	11/5/2009	<40	U		<42	U		83			<37	U		4500			<19	U		1100			320		
		VMP-4-39-042111	4/21/2011	<220	U		<240	U		<210	U		<210	U		4300			<110	U		670			170	J	
		VMP-4-39-041912	4/19/2012	<5.4	U		<5.6	U		5.1			2.6	J		3100			<2.6	U		200			53		
		VMP-4-39-072312	7/23/2012	<8.1	U		<8.5	U		<7.4	U		<7.4	U		3500		J	<3.8	U		310		J	83		J
		VMP-4-39-101812	10/18/2012	<100	U		<110	U		<93	U		<93	U		1500			<48	U		190			44	J	
		VMP-4-39-101812-Dup	10/18/2012	<93	U		<97	U		<85	U		<85	U		1500			<44	U		190			47	J	
		VMP-4-39-020713	2/7/2013	<14	U		<15	U		12	J		16			1800			<6.9	U		790			310		
		VMP-4-39-051513	5/15/2013	<7.8	U		<8.2	U		260			120			1300			<3.7	U		3300			1100		
		VMP-4-39-110713	11/7/2013	<7.2	U		<7.5	U		240			100			140			<3.4	U		620			250		
		VMP-4-39-022714	2/27/2014	<3.2	U		<3.3	U		94			45			460			<1.5	U		580			250		
		VMP-4-39-050214	5/2/2014	<6.7	U		<7	U		90			44			890			<3.2	U		550			200		
		VMP-4-39-081314	8/13/2014	0.62	J		<1.4	U		250			78			14			<0.66	U	UJ	65			25		
VMP-5	5 ft	VMP-5-5	11/5/2009	<1.2	U		<1.2	U		<1.1	U		<1.1	U		370			<0.57	U		<0.97	U		<0.97	U	
		VMP-5-5-090910	9/9/2010	<14	U		<15	U		13			6.9	J		1600			<6.7	U		9	J		6.4	J	
		VMP-5-5-112210	11/22/2010	<3.5	U		<3.6	U		<3.2	U		<3.2	U		1700			<1.6	U		<2.8	U		<2.8	U	
		VMP-5-5-021611	2/16/2011	<0.022	U		<0.023	U		<0.02	U		<0.02	U		24			<0.01	U		0.0062	J	J	<0.018	U	
		VMP-5-5-042111	4/21/2011	<0.071	U		<0.074	U		<0.065	U		<0.065	U		0.097			<0.034	U		<0.057	U		<0.057	U	
		VMP-5-5-080511	8/5/2011	<0.0068	J	U	0.0014	J		0.002	J		<0.0062	U		0.23			<0.0032	U		0.0083			0.0024	J	
		VMP-5-5-111111	11/11/2011	<0.005	U		<0.0052	U		0.0023	J		0.0013	J		0.97			<0.0024	U		0.0059			0.0016	J	
		VMP-5-5-013012	1/30/2012	0.015	J		0.011	J		0.032	J		0.011	J		2.3			<0.024	U		0.08			0.026	J	
		VMP-5-5-041112	4/11/2012	0.0081			<0.0051	U		0.0026	J		0.00093	J		0.0063			<0.0023	U		0.0074			0.0021	J	
		VMP-5-5-071312	7/13/2012	<0.0054	U		0.0016	J		<0.005	J	U	<0.005	J	U	<0.0047	J	U	<0.0026	U		<0.0044	J	U	<0.0044	J	U
		VMP-5-5-101212	10/12/2012	<0.0068	U		0.0015	J		<0.0062	U		<0.0062	U		0.004	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-5-5-012513	1/25/2013	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.002	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-5-5-042913	4/29/2013	<0.0076	U		0.0018	J		<0.0069	U		<0.0069	U		<0.0066	J	U	<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-5-5-082313-R	8/23/2013	<0.0082	U		0.0036	J		<0.0075	U		<0.0075	U		<0.0072	U		<0.0039	U		0.0022	J		<0.0067	U	
		VMP-5-5-110513	11/5/2013	<0.0064	U		0.0012	J		0.00048	J		<0.0058	U		0.001	J		<0.003	U		0.0018	J		0.0005	J	
		VMP-5-5-021814	2/18/2014	<0.0068	U		0.0012	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-5-5-042814	4/28/2014	<0.0073	U		0.0033	J		<0.0067	J	U	<0.0067	U		0.001	J		<0.0035	J	U	0.00069	J		<0.0059	U	
		VMP-5-5-080814	8/8/2014	<0.0068	U		0.0018	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.00084	J		<0.0055	U	
		VMP-5-5-110514	11/5/2014	<0.0064	U		0.0022	J		0.00086	J		<0.0058	U		0.0012	J		<0.003	U		0.00064	J		<0.0052	U	
		VMP-5-5-013015	1/30/2015	<0.0071	U		<0.0074	U		<0.0065	J	U	<0.0065	J	U	0.0051	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-5-5-042915	4/29/2015	<0.0071	U		<0.0074	J	U	<0.0065	J	U	<0.0065	U		0.0026	J		<0.0034	U		0.0015	J		<0.0058	U	
		VMP-5-5-072915	7/29/2015	<0.0094	U		0.0021	J		<0.0086	U		<0.0086	U		<0.0082	U		<0.0045	U		<0.0076	U		<0.0076	U	
		VMP-5-5-102915	10/29/2015	<0.0072	U		<0.0076	J	U	<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-5-5-012516	1/25/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.019			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-5-5-042816	4/28/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.00092	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-5-5-072816	7/28/2016	<0.0077	U		0.0038	J		<0.007	U		<0.007	U		0.0017	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-5-5-102516	10/25/2016	<0.0075	U		0.0015	J		<0.0068	U		<0.0068	U		0.001	J		<0.0036	U		0.0053	J		0.0015	J	
	12.5 ft	VMP-5-12.5	11/6/2009	<1.4	U		<1.4	U		<1.3	U		<1.3	U		960			<0.66	U		<1.1	U		<1.1	U	
		VMP-5-12.5-D	11/6/2009	<3.1	U		<3.2	U		<2.8	U		<2.8	U		1000			<1.5	U		<2.5	U		<2.5	U	
		VMP-5-12.5-090910	9/9/2010	<7.1	U		<7.4	U		6.1	J		3	J		1500			<3.4	U		3.2	J		2.2	J	
		VMP-5-12.5-112310	11/23/2010	<0.35	U		<0.37	U		<0.32	U		<0.32	U		110			<0.17	U		0.2	J		<0.29	U	
		VMP-5-12.5-021611	2/16/2011	<1.1	U		<1.1	U		<0.98	U		<0.98	U		170			<0.51	U		<0.86	U		<0.86	U	
		VMP-5-12.5-042111	4/21/2011	<0.076	U		<0.079	U		<0.069	U		<0.069	U		0.081			<0.036	U		<0.061	U		<0.061	U	
		VMP-5-12.5-080611	8/6/2011	<6.7	U		<7	U		<6.1	U		<6.1	U		810			<3.2	U		<5.4	U		<5.4	U	
		VMP-5-12.5-111111	11/11/2011	0.0017	J		<0.0049	U		0.0014	J		0.00061	J		0.0093			<0.0022	U		0.0025	J		0.00074	J	
		VMP-5-12.5-013012	1/30/2012	<0.015	U		<0.016	U		<0.014	U		<0.014	U		0.72			<0.0073	U		0.0094	J		0.0027	J	
		VMP-5-12.5-041112	4/11/2012	0.0012	J		0.0014	J		0.0011	J		<0.0043	U		0.0032	J		<0.0022	U		0.0044			0.0013	J	
		VMP-5-12.5-071212	7/12/2012	<0.0055	U		0.0014	J		0.12			0.022			<0.0048	U		<0.0026	U		0.012			0.0036	J	
		VMP-5-12.5-101112	10/11/2012	<0.013	U		<0.014	U		<0.012	U		<0.012	U		0.009	J		<0.0062	U		<0.011	U		<0.011	U	
		VMP-5-12.5-012413	1/24/2013	<0.0069	U		0.0012	J		<0.0063	U		<0.0063	U		0.0079			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-5-12.5-042913	4/29/2013	<0.0085	U		<0.0088	U		<0.0077	J	U	<0.0077	U		0.049			<0.004	U		0.0094			0.0044	J	
		VMP-5-12.5-080113	8/1/2013	<0.0084	U		0.0042	J		<0.0077	U		<0.0077	U		0.0047	J		<0.004	U		0.0051	J		<0.0068	J	U
		VMP-5-12.5-110513	11/5/2013	<0.007	U		0.0012	J		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-5-12.5-021814	2/18/2014	0.0022	J		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-5-12.5-042814	4/28/2014	<0.0071	U		0.0032	J		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-5-12.5-080814	8/8/2014	<0.0069	U		0.0021	J		<0.0063	U		<0.0063	U		0.015			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-5-12.5-110514	11/5/2014	<0.0069	U		0.002	J		<0.0063	U		<0.0063	U		0.00071	J		<0.0033	U		0.0013	J		<0.0056	U	
		VMP-5-12.5-110514-DUP	11/5/2014	<0.0071	U		0.0017	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-5-12.5-013015	1/30/2015	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.001	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-5-12.5-042915	4/29/2015	<0.0077	U		<0.008	J	U	<0.007	J	U	<0.007	U		0.0068			<0.0036	U		0.0022	J		<0.0062	U	
		VMP-5-12.5-072915	7/29/2015	<0.0085	U		0.0024	J		<0.0077	U		<0.0077	U		0.13			<0.004	U		<0.0068	U		<0.0068	U	
		VMP-5-12.5-102915	10/29/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0072			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-5-12.5-012516	1/25/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-5-12.5-042816	4/28/2016	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0068			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-5-12.5-072816	7/28/2016	<0.008	U		0.012			<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-5-12.5-102516	10/26/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.00093	J		<0.0032	U		0.0056			0.0018	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31	11/6/2009	<13	U		<13	U		<12	U		<12	U		4000			<6.1	U		<10	U		<10	U	
		VMP-5-31-090910	9/9/2010	<30	U		<31	U		<27	U		<27	U		4400			<14	U		7.7	J		<24	U	
		VMP-5-31-112310	11/23/2010	<18	U		<19	U		<17	U		<17	U		4700			<8.8	U		12	J		<15	U	
		VMP-5-31-021611	2/16/2011	<7.4	U		<7.8	U		<6.8	U		<6.8	U		3100			<3.5	U		5.5	J		<6	U	
		VMP-5-31-042111	4/21/2011	<110	U		<120	U		<100	U		<100	U		3800			<53	U		<89	U		<89	U	
		VMP-5-31-080611	8/6/2011	<62	U		<65	U		<57	U		<57	U		3700			<30	U		<50	U		<50	U	
		VMP-5-31-111111	11/11/2011	<31	U		<33	U		<29	U		<29	U		3000			<15	U		6.9	J		<25	U	
		VMP-5-31-013012	1/30/2012	<16	U		<17	U		<15	U		<15	U		2900			<7.6	U		<13	U		<13	U	
		VMP-5-31-041112	4/11/2012	<0.051	U		<0.054	U		<0.047	U		<0.047	U		4.8			<0.024	U		0.012	J		<0.041	U	
		VMP-5-31-071212	7/12/2012	<0.0054	U		0.0015	J		<0.0049	J	U	<0.0049	U		0.3			<0.0026	U		<0.0044	J	U	<0.0044	U	
		VMP-5-31-101112	10/11/2012	<0.0076	U		0.0013	J		<0.0069	U		<0.0069	U		0.048			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-5-31-012413	1/24/2013	<0.075	U		<0.079	U		<0.069	U		<0.069	U		0.13			<0.036	U		<0.061	U		<0.061	U	
		VMP-5-31-042913	4/29/2013	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		0.021			<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-5-31-080113	8/1/2013	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.013			<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-5-31-110513	11/5/2013	<0.0071	U		0.0012	J		<0.0065	U		<0.0065	U		0.0095			<0.0034	U		0.0005	J		<0.0057	U	
		VMP-5-31-110513-Dup	11/5/2013	<0.0068	U		0.0011	J		<0.0062	U		<0.0062	U		0.016			<0.0032	U		0.00035	J		<0.0055	U	
		VMP-5-31-021814	2/18/2014	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.0057			<0.0031	U		0.002	J		<0.0052	U	
		VMP-5-31-042814	4/28/2014	<0.0073	U		0.0032	J		<0.0067	U		<0.0067	U		0.049			<0.0035	U		0.00049	J		<0.0059	U	
		VMP-5-31-080814	8/8/2014	<0.0066	U		0.0019	J		<0.006	U		<0.006	U		0.0032	J		<0.0031	U		0.00073	J		<0.0053	U	
		VMP-5-31-110514	11/5/2014	<0.0071	U		0.0019	J		<0.0065	U		<0.0065	U		0.0033	J		<0.0034	U		0.00075	J		<0.0057	U	
		VMP-5-31-013015	1/30/2015	<0.0082	U		<0.0086	U		<0.0075	J	U	<0.0075	U		0.074			<0.0039	U		0.0019	J		<0.0066	U	
		VMP-5-31-042915	4/29/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0095			<0.0035	U		<0.006	U		<0.006	U	
		VMP-5-31-072915	7/29/2015	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		0.0023	J		<0.0037	U		0.0033	J		0.00095	J	
		VMP-5-31-102915	10/29/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		0.0015	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-5-31-030916-R	3/9/2016	<0.0067	U		0.0022	J		<0.0061	U		<0.0061	U		0.002	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-5-31-042816	4/28/2016	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-5-31-072816	7/28/2016	<0.0076	U		0.0026	J		<0.0069	U		<0.0069	U		0.0012	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-5-31-102516	10/26/2016	<0.0074	U		0.0018	J		<0.0068	U		<0.0068	U		0.0017	J		<0.0035	U		0.017			0.0036	J	
	40 ft	VMP-5-40	11/6/2009	<18	U		<18	U		<16	U		<16	U		3400			<8.4	U		<14	U		<14	U	
		VMP-5-40-042111	4/21/2011	<120	U		<120	U		<100	U		<100	U		3500			<55	U		<94	U		<94	U	
		VMP-5-40-013012	1/30/2012	<34	U		<35	U		<31	U		<31	U		2500			<16	U		<27	U		<27	U	
		VMP-5-40-041212	4/12/2012	<0.05	U		<0.052	U		<0.046	U		<0.046	U		24			<0.024	U		0.02	J		<0.041	U	
		VMP-5-40-071212	7/12/2012	<0.054	U		<0.056	U		<0.049	U		<0.049	U		2			<0.026	U		<0.044	U		<0.044	U	
		VMP-5-40-101112	10/11/2012	<0.008	U		0.0027	J		<0.0073	U		<0.0073	U		1.1			<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-5-40-012513	1/25/2013	<0.023	U		<0.024	U		<0.021	U		<0.021	U		1.7			<0.011	U		<0.019	U		<0.019	U	
		VMP-5-40-012513-Dup	1/25/2013	<0.022	U		<0.024	U		<0.021	U		<0.021	U		1.7			<0.011	U		<0.018	U		<0.018	U	
		VMP-5-40-042913	4/29/2013	<0.0076	J	U	0.0016	J		<0.007	U		<0.007	U		0.33			<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-5-40-080113	8/1/2013	<0.0083	U		0.0026	J		<0.0076	U		<0.0076	U		1.4			<0.0039	U		0.0077			0.0039	J	
		VMP-5-40-110513	11/5/2013	<0.0065	U		0.0016	J		0.00021	J		<0.0059	U		0.42			<0.0031	U		0.00038	J		<0.0052	U	
		VMP-5-40-021814	2/18/2014	<0.0068	U		<0.0071	U		<0.0062	J	U	0.0076			0.18		J	<0.0032	U		0.0071			0.0028	J	
		VMP-5-40-021814-Dup	2/18/2014	<0.0067	U		<0.007	U		<0.0061	J	U	0.0063			0.11		J	<0.0032	U		0.0058			0.002	J	
		VMP-5-40-042814	4/28/2014	<0.0076	U		0.0092			<0.007	U		<0.007	U		0.041			<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-5-40-042814-Dup	4/28/2014	<0.0072	U		0.011			<0.0066	U		<0.0066	U		0.042			<0.0034	U		0.00046	J		<0.0059	U	
		VMP-5-40-080814	8/8/2014	<0.0067	U		0.013			<0.0061	U		<0.0061	U		0.023			<0.0032	U		0.00095	J		<0.0054	U	
		VMP-5-40-080814-DUP	8/8/2014	<0.0071	U		0.014			<0.0065	U		<0.0065	U		0.023			<0.0034	U		0.00072	J		<0.0058	U	
		VMP-5-40-110514	11/5/2014	<0.0074	U		0.025			<0.0068	U		<0.0068	U		0.0095			<0.0035	U		<0.006	U		<0.006	U	
		VMP-5-40-013015	1/30/2015	<0.0071	U		0.0047	J		<0.0065	U		<0.0065	U		0.0069			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-5-40-042915	4/29/2015	<0.0076	U		0.0083			<0.007	U		<0.007	U		0.0092			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-5-40-072915	7/29/2015	<0.0075	U		0.011			<0.0068	U		<0.0068	U		0.0064	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-5-40-102915	10/29/2015	<0.0068	U		0.024			<0.0062	U		<0.0062	U		0.0061			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-5-40-012516	1/25/2016	<0.0066	U		0.022			0.0032	J		0.0014	J		0.04			<0.0031	U		0.014			0.0056		
		VMP-5-40-012516-DUP	1/25/2016	<0.0067	U		0.022			0.0031	J		<0.0061	U		0.041			<0.0032	U		0.014			0.0047	J	
		VMP-5-40-042816	4/28/2016	<0.0078	U		0.0065	J		<0.0071	U		<0.0071	U		0.0033	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-5-40-072816	7/28/2016	0.0026	J		0.0091			0.012			0.0047	J		0.013			<0.0034	U		0.0048	J		0.0023	J	
		VMP-5-40-102516	10/26/2016	<0.0067	U		0.022			<0.0061	U		<0.0061	U		0.0043	J		<0.0032	U		0.015			0.0043	J	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	5 ft	VMP-6-5	11/6/2009	<2.1	U		<2.2	U		<1.9	U		<1.9	U		1400		J	<1	U		3.1		J	<1.7	U	
		VMP-6-5-090810	9/8/2010	<1.2	U		<1.2	U		0.74	J		0.34	J		340			<0.56	U		0.47	J		0.33	J	
		VMP-6-5-111610	11/16/2010	<7.4	U		<7.8	U		<6.8	U		<6.8	U		2300			<3.5	U		3.4	J		<6	U	
		VMP-6-5-020711	2/7/2011	0.0022	J		0.0013	J		0.0071			0.0031	J		0.96			<0.003	U		0.025			0.01		
		VMP-6-5-040811	4/8/2011	<0.014	U		<0.014	U		<0.013	J	U	<0.013	U		1.3			<0.0066	U		0.0039	J		<0.011	U	
		VMP-6-5-080411	8/4/2011	<0.36	U		<0.38	U		<0.33	U		<0.33	U		6.5			<0.17	U		0.16	J		<0.29	U	
		VMP-6-5-110911	11/9/2011	<0.0043	U		0.00095	J		0.028			0.02			0.071			<0.002	U		0.13			0.056		
		VMP-6-5-013112	1/31/2012	<0.051	U		<0.053	U		<0.047	U		<0.047	U		2.9			<0.024	U		0.014	J		<0.041	U	
		VMP-6-5-041212	4/12/2012	<0.0054	U		<0.0056	U		0.0017	J		<0.0049	U		0.04			<0.0026	U		0.0046			0.0023	J	
		VMP-6-5-071612	7/16/2012	<0.0054	U		0.0014	J		<0.0049	J	U	<0.0049	J	U	0.0025	J		<0.0026	U		0.0032	J		0.0011	J	
		VMP-6-5-101012	10/10/2012	<0.0074	U		0.00089	J		<0.0068	U		<0.0068	U		0.016			<0.0035	U		<0.006	U		<0.006	U	
		VMP-6-5-021213	2/12/2013	<0.0066	U		0.0013	J		<0.0061	U		<0.0061	U		0.058			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-6-5-022714	2/27/2014	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.0041	J		<0.0034	U		0.0038	J		0.0017	J	
		VMP-6-5-042914	4/29/2014	<0.007	U		0.0028	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-6-5-080814	8/8/2014	<0.0069	U		0.0015	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-6-5-110514	11/5/2014	<0.0069	U		0.0018	J		<0.0063	U		<0.0063	U		0.0013	J		<0.0033	U		0.0014	J		<0.0056	U	
		VMP-6-5-020915	2/9/2015	<0.0065	U		<0.0068	J	U	<0.0059	J	U	<0.0059	J	U	0.032			<0.0031	U		0.00066	J		<0.0052	U	
		VMP-6-5-042915	4/29/2015	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-6-5-072715	7/27/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-6-5-102915	10/29/2015	<0.0068	U		0.0025	J		<0.0062	U		<0.0062	U		0.0034	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-6-5-020116	2/1/2016	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		0.022			<0.0037	U		0.0014	J		<0.0062	U	
		VMP-6-5-042516	4/25/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.006	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-6-5-072816	7/28/2016	<0.0082	U		<0.0085	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-6-5-102816	10/28/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0091			<0.0035	U		<0.006	U		<0.006	U	
	10 ft	VMP-6-10	11/6/2009	<2.3	U		<2.4	U		<2.1	U		<2.1	U		1800			<1.1	U		3.4			<1.9	U	
		VMP-6-10-090810	9/8/2010	<1.3	U		<1.3	U		0.62	J	J	0.29	J	J	930		J	<0.61	U		0.83	J	J	0.32	J	J
		VMP-6-10-111710	11/17/2010	<0.0069	J	U	0.00081	J		<0.0063	U		<0.0063	U		0.039			<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-6-10-020711	2/7/2011	0.0018	J		<0.0071	U		<0.0062	U		<0.0062	U		0.061			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-6-10-040811	4/8/2011	<0.16	U		<0.17	U		<0.15	U		<0.15	U		52			<0.077	U		0.032	J		<0.13	U	
		VMP-6-10-080411	8/4/2011	<1.2	U		<1.2	U		<1	U		<1	U		940			<0.55	U		<0.93	U		<0.93	U	
		VMP-6-10-111011	11/10/2011	<0.0045	U		<0.0047	U		0.00076	J		<0.0041	U		0.0065			<0.0021	U		0.0012	J		<0.0036	U	
		VMP-6-10-013112	1/31/2012	<0.8	U		<0.84	U		<2.9	U		<0.73	U		310		J	<0.38	U		<0.65	U		<0.65	U	
		VMP-6-10-041212	4/12/2012	<0.0052	U		0.0015	J		0.0018	J		<0.0048	U		0.024			<0.0025	U		0.0043			0.002	J	
		VMP-6-10-071612	7/16/2012	<0.0071	U		0.0013	J		<0.0065	J	U	<0.0065	J	U	0.0054	J		<0.0034	U		0.0038	J		<0.0057	J	U
		VMP-6-10-101112	10/11/2012	<0.0078	U		0.0015	J		<0.0071	U		<0.0071	U		0.043			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-6-10-020513	2/5/2013	<0.0074	U		<0.0078	J	U	<0.0068	U		<0.0068	U		0.0016	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-6-10-051513	5/15/2013	<0.0076	U		<0.0079	U		0.11	J	J	0.32			0.092			<0.0036	U		0.43			0.22		
		VMP-6-10-080813	8/8/2013	0.0062	J		0.0012	J		<0.0068	U		<0.0068	U		0.01			<0.0035	U		0.00076	J		<0.006	U	
		VMP-6-10-110513	11/5/2013	<0.0071	U		0.0012	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-6-10-022714	2/27/2014	<0.0063	U		<0.0065	J	U	0.48			0.098			0.036			<0.003	U		0.093			0.039		
		VMP-6-10-042914	4/29/2014	<0.0066	U		0.0034	J		<0.0061	U		<0.0061	U		0.0029	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-6-10-080814	8/8/2014	<0.0068	U		0.0014	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-6-10-110514	11/5/2014	<0.0068	U		0.0018	J		<0.0062	U		<0.0062	U		0.0045	J		<0.0032	U		0.00069	J		<0.0055	U	
		VMP-6-10-020915	2/9/2015	<0.0066	U		<0.0069	J	U	<0.006	U		<0.006	U		0.00066	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-6-10-042915	4/29/2015	<0.0075	U		<0.0078	J	U	<0.0068	U		<0.0068	U		0.0011	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-6-10-072715	7/27/2015	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-6-10-102915	10/29/2015	<0.0067	U		0.0022	J		<0.0062	U		<0.0062	U		0.0013	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-6-10-020116	2/1/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-6-10-042516	4/25/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-6-10-072816	7/28/2016	<0.0073	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-6-10-102816	10/28/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	J	U	<0.0034	U		<0.0058	U		<0.0058	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	31.5 ft	VMP-6-31.5	11/9/2009	<15	U		<16	U		29			<14	U		2500			<7.2	U		66			<12	U	
		VMP-6-31.5-090810	9/8/2010	<8.6	U		<9	U		22			5.3	J		3100			<4.1	U		51			<7	U	
		VMP-6-31.5-111710	11/17/2010	<14	U		<14	U		15			3.1	J		3600			<6.4	U		45			<11	U	
		VMP-6-31.5-020711	2/7/2011	<13	U		<14	U		27			4.2	J		3200			<6.2	U		64			<10	U	
		VMP-6-31.5-041111	4/11/2011	<10	U		<10	U		14			<9.2	U		2400			<4.8	U		28			<8.1	U	
		VMP-6-31.5-080411	8/4/2011	<7.5	U		<7.8	U		<6.8	U		<6.8	U		2000			<3.6	U		5.2	J		<6	U	
		VMP-6-31.5-111011	11/10/2011	<12	U		<12	U		<10	U		<10	U		2200			<5.5	U		<9.3	U		<9.3	U	
		VMP-6-31.5-013112	1/31/2012	<4.6	U		<4.8	U		<17	U		<4.2	U		1800		J	<2.2	U		1.8	J	J	<3.7	U	
		VMP-6-31.5-041212	4/12/2012	<0.62	U		<0.64	U		<0.56	U		<0.56	U		220			<0.29	U		0.13	J		<0.5	U	
		VMP-6-31.5-071612	7/16/2012	<0.0097	U		<0.01	U		0.0049	J		<0.0089	J	U	3.1			<0.0046	U		0.0035	J		0.0024	J	
		VMP-6-31.5-101112	10/11/2012	0.0055	J		0.0021	J		<0.0069	U		<0.0069	U		0.71			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-6-31.5-020513	2/5/2013	<0.0069	U		<0.0072	J	U	<0.0063	U		<0.0063	U		0.058			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-6-31.5-042913	4/29/2013	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.1			<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-6-31.5-080813	8/8/2013	<0.008	U		0.0014	J		<0.0073	U		<0.0073	U		0.0033	J		<0.0038	U		0.00058	J		<0.0064	U	
		VMP-6-31.5-110513	11/5/2013	<0.0063	U		0.0011	J		0.005	J		0.0013	J		0.0074			<0.003	U		0.0078			0.00033	J	
		VMP-6-31.5-022714	2/27/2014	0.0011	J		<0.0072	J	U	0.0026	J		<0.0063	U		0.013			<0.0033	U		0.0011	J		<0.0056	U	
		VMP-6-31.5-042914	4/29/2014	<0.007	U		0.0074			<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-6-31.5-080814	8/8/2014	<0.0073	U		0.0018	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-6-31.5-110514	11/5/2014	<0.0066	U		0.0017	J		<0.0061	U		<0.0061	U		0.0013	J		<0.0032	U		0.00072	J		<0.0054	U	
		VMP-6-31.5-020915	2/9/2015	<0.0068	U		<0.0071	J	U	<0.0062	J	U	<0.0062	U		0.0064			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-6-31.5-042915	4/29/2015	<0.0069	U		<0.0072	U		<0.0063	J	U	<0.0063	U		0.0056	J		<0.0033	U		0.0048	J		0.0018	J	
		VMP-6-31.5-042915-DUP	4/29/2015	<0.0083	U		<0.0086	U		<0.0076	U		<0.0076	U		0.0053	J		<0.0039	U		0.0042	J		<0.0067	U	
		VMP-6-31.5-072715	7/27/2015	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-6-31.5-112515	11/25/2015	<0.013	U		0.003	J		0.036			0.0059	J		0.076			<0.006	U		0.0069	J		<0.01	U	
		VMP-6-31.5-020116	2/1/2016	<0.0072	U		0.0012	J		<0.0066	U		<0.0066	U		0.0021	J		<0.0034	U		0.0014	J		<0.0058	U	
		VMP-6-31.5-042516	4/25/2016	<0.008	U		<0.0083	U		0.0024	J		<0.0073	U		0.12			<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-6-31.5-072816	7/28/2016	<0.0083	U		<0.0087	U		<0.0076	J	U	<0.0076	U		0.1			<0.004	U		<0.0067	U		<0.0067	U	
		VMP-6-31.5-102816	10/28/2016	<0.011	U		<0.012	U		0.0099	J		<0.01	U		0.0035	J		<0.0054	U		0.56			0.12		
	39 ft	VMP-6-39	11/9/2009	<17	U		<18	U		79			29			2800			<8.1	U		150			<14	U	
		VMP-6-39-041111	4/11/2011	<12	U		<12	U		21			3.4	J		2300			<5.7	U		41			<9.7	U	
		VMP-6-39-013112	1/31/2012	<4.6	U		<4.8	U		<17	U		<4.2	U		2200		J	<2.2	U		4.3		J	<3.7	U	
		VMP-6-39-041212	4/12/2012	<0.45	U		<0.47	U		0.73			0.48			340			<0.21	U		2			<0.36	U	
		VMP-6-39-071612	7/16/2012	<0.021	U		<0.022	U		<0.019	U		<0.019	U		8.1			<0.01	U		0.0063	J		<0.017	U	
		VMP-6-39-071612-Dup	7/16/2012	<0.021	U		<0.022	U		<0.02	U		<0.02	U		8.2			<0.01	U		<0.017	U		<0.017	U	
		VMP-6-39-101112	10/11/2012	<0.014	U		<0.015	U		<0.013	U		<0.013	U		4.9			<0.0069	U		<0.012	U		<0.012	U	
		VMP-6-39-020513	2/5/2013	<0.0071	U		<0.0074	J	U	0.024			0.0055	J		0.63			<0.0034	U		0.023			<0.0057	U	
		VMP-6-39-050913	5/9/2013	<0.015	U		<0.015	U		0.0024	J		<0.013	U		3.9		J	<0.007	U		0.01	J		0.0052	J	
		VMP-6-39-050913-Dup	5/9/2013	<0.0079	U		0.0016	J		<0.0072	U		<0.0072	U		0.084		J	<0.0037	U		0.003	J		<0.0064	U	
		VMP-6-39-080813-Dup	8/8/2013	<0.0076	U		0.0014	J		<0.0069	U		<0.0069	U		0.00068	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-6-39-081513	8/15/2013	<0.0079	U		0.0017	J		<0.0072	U		<0.0072	U		0.033			<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-6-39-110513	11/5/2013	<0.0068	U		0.0015	J		<0.0063	J	U	<0.0063	U		<0.006	U		<0.0032	U		0.00027	J		<0.0055	U	
		VMP-6-39-022714	2/27/2014	<0.0067	U		<0.007	J	U	<0.0061	U		<0.0061	U		0.004	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-6-39-042914	4/29/2014	<0.0068	U		0.0023	J		0.00061	J		<0.0063	U		0.0011	J		<0.0032	U		0.00062	J		<0.0055	U	
		VMP-6-39-080814	8/8/2014	<0.0072	U		0.0013	J		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		0.0008	J		<0.0058	U	
		VMP-6-39-110514	11/5/2014	<0.0071	U		0.002	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.00085	J		<0.0057	U	
		VMP-6-39-020915	2/9/2015	<0.0063	U		<0.0065	J	U	<0.0057	U		<0.0057	U		0.011			<0.003	U		0.001	J		<0.005	U	
		VMP-6-39-020915-DUP	2/9/2015	<0.006	U		<0.0063	J	U	<0.0055	U		<0.0055	U		0.01			<0.0029	U		0.0011	J		<0.0049	U	
		VMP-6-39-042915	4/29/2015	<0.0064	J	U	<0.0067	U		<0.0059	J	U	<0.0059	U		<0.0056	U		<0.0031	U		0.0014	J		<0.0052	U	
		VMP-6-39-072715	7/27/2015	<0.0072	U		0.0015	J		<0.0066	U		<0.0066	U		0.0032	J		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-6-39-072715-DUP	7/27/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0029	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-6-39-102915	10/29/2015	<0.023	U		<0.024	U		<0.021	U		<0.021	U		0.7			<0.011	U		<0.019	U		<0.019	U	
		VMP-6-39-102915-DUP	10/29/2015	<0.024	U		<0.024	U		<0.022	U		<0.022	U		0.76			<0.011	U		<0.019	U		<0.019	U	
		VMP-6-39-020116	2/1/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	J	U	<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-6-39-020116-DUP	2/1/2016	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		0.0019	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-6-39-042516	4/25/2016	<0.0084	U		<0.0087	U		0.0033	J		0.0011	J		0.29			<0.004	U		0.063			0.019		
		VMP-6-39-072816	7/28/2016	<0.0088	U		<0.0092	U		<0.008	U		<0.008	U		0.0048	J		<0.0042	U		<0.0071	U		<0.0071	U	
		VMP-6-39-102816	10/28/2016	<0.0066	U		0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5	11/9/2009	<0.006	U		<0.006	U		<0.005	U		<0.005	U		0.21			<0.003	U		0.0079			<0.005	U	
		VMP-7-5-082610	8/26/2010	<0.0071	U		0.0016	J		<0.0065	U		<0.0065	U		0.034			<0.0034	U		0.00071	J		<0.0057	U	
		VMP-7-5-111910	11/19/2010	0.0036	J		<0.0067	U		<0.0058	U		<0.0058	U		0.14			<0.003	U		<0.0052	U		<0.0052	U	
		VMP-7-5-020711	2/7/2011	0.0039	J		0.0018	J		<0.0063	U		<0.0063	U		0.084			<0.0033	U		0.00082	J		<0.0056	U	
		VMP-7-5-040711	4/7/2011	0.0032	J		<0.01	U		<0.0089	U		<0.0089	U		0.01			<0.0046	U		<0.0079	U		<0.0079	U	
		VMP-7-5-080211	8/2/2011	<0.97	U		<1	U		<0.89	U		<0.89	U		710			<0.46	U		<0.78	U		<0.78	U	
		VMP-7-5-111011	11/10/2011	<0.0046	U		<0.0048	U		<0.0042	J	U	<0.0042	U		<0.004	U		<0.0022	U		<0.0037	J	U	<0.0037	U	
		VMP-7-5-111011-DUP	11/10/2011	<0.0043	U		<0.0045	U		0.0008	J		<0.004	U		<0.0038	U		<0.002	U		0.0011	J		<0.0035	U	
		VMP-7-5-013112	1/31/2012	<0.0047	U		<0.0049	U		<0.0043	U		<0.0043	J	U	0.00086	J		<0.0022	U		0.0032	J		0.001	J	
		VMP-7-5-041212	4/12/2012	<0.0051	U		0.0014	J		0.0022	J		<0.0047	J	U	0.0048			<0.0024	U		0.0097			0.0028	J	
		VMP-7-5-073112	7/31/2012	<0.013	U		<0.014	U		0.0017	J		<0.012	U		3			<0.0063	U		0.0098	J		0.0031	J	
		VMP-7-5-101012	10/10/2012	<0.008	U		0.0014	J		<0.0073	U		<0.0073	U		0.0033	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-7-5-060613	6/6/2013	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.14			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-7-5-073013	7/30/2013	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.0096			<0.0035	U		0.00059	J		<0.0059	U	
		VMP-7-5-102213	10/22/2013	<0.0073	U		0.0011	J		<0.0067	U		<0.0067	U		0.015			<0.0035	U		0.0029	J		0.00069	J	
		VMP-7-5-022414	2/24/2014	<0.0064	U		<0.0067	J	U	<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	J	U	<0.0052	U	
		VMP-7-5-043014	4/30/2014	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-7-5-080514	8/5/2014	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	J	U	<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-7-5-102714	10/27/2014	<0.007	U		<0.0073	J	U	<0.0064	J	U	<0.0064	J	U	0.001	J		<0.0033	U		0.00075	J		<0.0057	U	
		VMP-7-5-020215	2/2/2015	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-7-5-043015	4/30/2015	0.0077	J		<0.0085	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-7-5-072715	7/27/2015	<0.0071	U		0.0016	J		<0.0065	J	U	<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-7-5-102815	10/28/2015	<0.0064	U		<0.0067	J	U	<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		0.0017	J		<0.0052	U	
		VMP-7-5-012716	1/27/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-7-5-042916	4/29/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-7-5-072616	7/26/2016	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0068	J	U	<0.0037	U		<0.0064	U		<0.0064	U	
		VMP-7-5-102516	10/25/2016	<0.0065	U		0.0013	J		<0.0059	J	U	<0.0059	U		0.0089			<0.0031	U		0.001	J		<0.0052	U	
	13.5 ft	VMP-7-13.5	11/9/2009	<0.048	U		<0.05	U		<0.044	U		<0.044	U		22	E	J	<0.023	U		<0.039	U		<0.039	U	
		VMP-7-13.5-082610	8/26/2010	<0.16	U		<0.16	U		<0.14	U		<0.14	U		240	E	J	<0.074	U		<0.12	U		<0.12	U	
		VMP-7-13.5-111910	11/19/2010	1.9		J	<1.1	U		<0.99	U		<0.99	U		450			<0.52	U		<0.87	U		<0.87	U	
		VMP-7-13.5-020711	2/7/2011	0.0023	J		<0.0069	U		<0.0061	U		<0.0061	U		0.034			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-7-13.5-040711	4/7/2011	0.0038	J		<0.012	U		<0.011	U		<0.011	U		0.017			<0.0055	U		<0.0094	U		<0.0094	U	
		VMP-7-13.5-080311	8/3/2011	<1.3	U		<1.4	U		<1.2	U		<1.2	U		610			<0.62	U		<1	U		<1	U	
		VMP-7-13.5-111011	11/10/2011	<0.0042	U		<0.0044	U		0.0052			0.0011	J		2.9			<0.002	U		0.0058			0.00072	J	
		VMP-7-13.5-013112	1/31/2012	<0.06	U		<0.063	U		<0.22	U		<0.055	U		33		J	<0.029	U		<0.049	U		<0.049	U	
		VMP-7-13.5-013112-DUP	1/31/2012	<0.062	U		<0.064	U		<0.22	U		<0.056	U		32		J	<0.029	U		<0.05	U		<0.05	U	
		VMP-7-13.5-041212	4/12/2012	<0.0049	U		0.0013	J		0.0018	J		<0.0045	U		0.029			<0.0023	U		0.0058			0.0018	J	
		VMP-7-13.5-041212-DUP	4/12/2012	<0.0052	U		0.0011	J		0.0016	J		<0.0047	U		0.015			<0.0025	U		0.0058			0.002	J	
		VMP-7-13.5-072012	7/20/2012	<0.005	U		0.0013	J		0.0028	J		<0.0046	U		0.0018	J		<0.0024	U		0.0074			0.0019	J	
		VMP-7-13.5-101012	10/10/2012	<0.0074	U		0.0014	J		<0.0068	U		<0.0068	U		0.011			<0.0035	U		<0.006	U		<0.006	U	
		VMP-7-13.5-021313	2/13/2013	<0.0074	U		0.0013	J		<0.0068	U		<0.0068	U		0.0007	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-7-13.5-060513	6/5/2013	<0.0084	U		0.0022	J		<0.0077	U		<0.0077	U		0.01			<0.004	U		<0.0068	U		<0.0068	U	
		VMP-7-13.5-073013	7/30/2013	<0.0073	U		0.0011	J		<0.0067	U		<0.0067	U		0.0018	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-7-13.5-110113	11/1/2013	<0.0075	U		0.0011	J		<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-7-13.5-022414	2/24/2014	<0.0063	U		<0.0066	J	U	<0.0058	U		<0.0058	U		0.005	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-7-13.5-043014	4/30/2014	<0.0067	U		0.002	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-7-13.5-080514	8/5/2014	<0.0086	U		<0.009	U		<0.0078	J	U	<0.0078	J	U	<0.0074	U		<0.0041	U		<0.0069	J	U	<0.0069	U	
		VMP-7-13.5-102714	10/27/2014	<0.0076	U		0.0024	J		<0.007	J	U	<0.007	J	U	0.0086			<0.0036	U		0.0025	J		0.0011	J	
		VMP-7-13.5-020215	2/2/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0011	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-7-13.5-043015	4/30/2015	0.0057	J		<0.0089	U		<0.0078	U		<0.0078	U		0.0019	J		<0.004	U		<0.0069	U		<0.0069	U	
		VMP-7-13.5-072715	7/27/2015	<0.0069	U		<0.0072	U		0.003	J		0.00097	J		0.0055	J		<0.0033	U		0.004	J		0.0027	J	
		VMP-7-13.5-102815	10/28/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0026	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-7-13.5-012716	1/27/2016	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		0.0014	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-7-13.5-042916	4/29/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-7-13.5-072616	7/26/2016	<0.0069	U		0.0013	J		<0.0063	U		<0.0063	U		0.002	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-7-13.5-102516	10/25/2016	<0.0066	U		0.0013	J		<0.006	J	U	<0.006	J	U	<0.0057	U		<0.0031	U		0.0078			0.0035	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5	11/9/2009	<1	U		<1.1	U		<0.94	U		<0.94	U		1200	E	J	<0.49	U		2.2		J	<0.83	U	
		VMP - 7 - 29.5 - 083110	8/31/2010	<2.2	U		<2.3	U		<2	U		<2	U		1300		J	<1	U		1.6	J	J	<1.8	U	
		VMP-7-29.5-111910	11/19/2010	<3.3	U		<3.5	U		<3	U		<3	U		1100		J	<1.6	U		0.91	J	J	<2.7	U	
		VMP-7-29.5-020711	2/7/2011	<3.5	U		<3.6	U		<3.2	U		<3.2	U		1100			<1.6	U		1.8	J		<2.8	U	
		VMP-7-29.5-040711	4/7/2011	<0.84	U		<0.88	U		<0.77	U		<0.77	U		550		J	<0.4	U		0.77		J	<0.68	U	
		VMP-7-29.5-080311	8/3/2011	<2	U		<2.1	U		<1.8	U		<1.8	U		950			<0.94	U		0.36	J		<1.6	U	
		VMP-7-29.5-111111	11/11/2011	<3.9	U		<4.1	U		4.1			1.4	J		720			<1.8	U		12			2.7	J	
		VMP-7-29.5-020112	2/1/2012	<0.78	U		<0.82	U		<2.9	U	UJ	<0.72	U		560		J	<0.37	U		<0.63	U		<0.63	U	
		VMP-7-29.5-041312	4/13/2012	<0.0049	U		0.0011	J		0.0072			0.0018	J		0.71			<0.0023	U		0.0073			0.0038	J	
		VMP-7-29.5-072012	7/20/2012	<0.005	U		0.0012	J		0.0032	J		<0.0046	U		0.031			<0.0024	U		0.0073			0.0026	J	
		VMP-7-29.5-072012-Dup	7/20/2012	<0.005	U		0.0013	J		0.0035	J		0.00098	J		0.029			<0.0024	U		0.0081			0.0033	J	
		VMP-7-29.5-101012	10/10/2012	<0.0078	U		0.0014	J		<0.0071	U		<0.0071	U		0.013			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-7-29.5-060613	6/6/2013	<0.0081	U		0.0024	J		<0.0074	U		<0.0074	U		0.0063	J		<0.0038	U		<0.0066	U		<0.0066	U	
		VMP-7-29.5-073013	7/30/2013	<0.0074	U		0.0012	J		<0.0067	U		<0.0067	U		0.0015	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-7-29.5-102213	10/22/2013	0.00064	J		0.0011	J		0.0005	J		<0.0066	U		0.015			<0.0034	U		0.00072	J		<0.0058	U	
		VMP-7-29.5-022414	2/24/2014	<0.0062	U		<0.0065	J	U	<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-7-29.5-043014	4/30/2014	<0.007	U		0.002	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-7-29.5-080514	8/5/2014	<0.0079	U		0.0014	J		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-7-29.5-102714	10/27/2014	<0.0073	U		<0.0076	J	U	<0.0067	J	U	<0.0067	U		0.01			<0.0035	U		0.0012	J		<0.0059	U	
		VMP-7-29.5-020215	2/2/2015	<0.0059	U		<0.0062	U		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-7-29.5-043015	4/30/2015	<0.0074	J	U	<0.0077	U		<0.0067	U		<0.0067	U		0.014			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-7-29.5-072715	7/27/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-7-29.5-102815	10/28/2015	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-7-29.5-012716	1/27/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.013			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-7-29.5-042916	4/29/2016	<0.013	U		<0.014	U		<0.012	U		<0.012	U		0.0059	J		<0.0064	U		<0.011	U		<0.011	U	
		VMP-7-29.5-072616	7/26/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.006	J	U	<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-7-29.5-102516	10/25/2016	<0.0065	U		0.0014	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.0059			0.0018	J	
	38 ft	VMP-7-38	11/9/2009	<0.35	U		<0.37	U		<0.32	U		<0.32	U		410	E	J	<0.17	U		1		J	<0.29	U	
		VMP-7-38-020711	2/7/2011	<4.6	U		<4.9	U		<4.2	U		<4.2	U		920			<2.2	U		1.1	J		<3.8	U	
		VMP-7-38-040711	4/7/2011	<1.2	U		<1.2	U		<1.1	U		<1.1	U		720		J	<0.56	U		0.42	J	J	<0.96	U	
		VMP-7-38-020112	2/1/2012	<1.1	U		<1.2	U		<4.1	U	UJ	<1	U		630		J	<0.54	U		<0.91	U		<0.91	U	
		VMP-7-38-042512	4/25/2012	<0.0049	U		0.0012	J		<0.0045	J	U	<0.0045	J	U	0.32		J	<0.0023	U		0.01			0.0032	J	
		VMP-7-38-042512-Dup	4/25/2012	<0.0049	J	U	0.0015	J		<0.0045	J	U	<0.0045	J	U	0.23		J	<0.0023	U		0.009			0.0031	J	
		VMP-7-38-101112	10/11/2012	<0.0072	U		0.0011	J		<0.0066	U		<0.0066	U		0.011			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-7-38-060613	6/6/2013	<0.0086	U		<0.009	U		<0.0079	U		<0.0079	U		0.018			<0.0041	U		0.002	J		<0.007	U	
		VMP-7-38-073013	7/30/2013	<0.0075	U		0.0012	J		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-7-38-110113	11/1/2013	<0.0074	U		0.0012	J		<0.0068	U		<0.0068	U		0.0063	J		<0.0035	U		0.00049	J		<0.006	U	
		VMP-7-38-022414	2/24/2014	<0.0057	U		<0.0059	J	U	<0.0052	U		<0.0052	U		<0.0049	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-7-38-043014	4/30/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.00097	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-7-38-043014-DUP	4/30/2014	<0.0074	U		0.0022	J		<0.0068	U		<0.0068	U		0.00092	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-7-38-080514	8/5/2014	<0.0067	U		0.0012	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-7-38-080514-DUP	8/5/2014	<0.0067	U		0.0014	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-7-38-102714	10/27/2014	<0.007	U		<0.0073	J	U	<0.0064	J	U	<0.0064	U		0.0065			<0.0033	U		0.0016	J		<0.0057	U	
		VMP-7-38-020215	2/2/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-7-38-043015	4/30/2015	<0.0076	J	U	<0.0079	U		0.0052	J		0.0027	J		<0.0066	U		<0.0036	U		0.0027	J		0.0019	J	
		VMP-7-38-072715	7/27/2015	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0063	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-7-38-102815	10/28/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-7-38-102815-DUP	10/28/2015	<0.0064	U		<0.0067	J	U	<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-7-38-012716	1/27/2016	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-7-38-012716-DUP	1/27/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		0.0016	J		<0.0064	U	
		VMP-7-38-042916	4/29/2016	<0.0076	U		<0.0079	U		0.0021	J		<0.0069	U		0.0062	J		<0.0036	U		0.0042	J		0.0016	J	
		VMP-7-38-042916-DUP	4/29/2016	<0.0076	U		<0.0079	U		0.002	J		<0.0069	U		0.0056	J		<0.0036	U		0.0043	J		0.0012	J	
		VMP-7-38-072616	7/26/2016	<0.0085	U		<0.0089	U		<0.0078	U		<0.0078	U		<0.0074	U		<0.004	U		<0.0069	U		<0.0069	U	
		VMP-7-38-072616-DUP	7/26/2016	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		<0.0066	U		<0.0066	U	
		VMP-7-38-102516	10/25/2016	<0.0065	U		0.0014	J		<0.0059	U		<0.0059	U		0.001	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-7-38-102516-Dup	10/25/2016	<0.014	U		<0.014	U		<0.013	U		<0.013	U		<0.012	U		<0.0066	U		<0.011	U		<0.011	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5	11/10/2009	<0.006	U		<0.006	U		<0.005	U		<0.005	U		0.031			<0.003	U		<0.005	U		<0.005	U	
		VMP - 8 - 5 - 083010	8/30/2010	0.0027	J		0.0013	J		0.0015	J		<0.0066	U		0.011			<0.0034	U		0.0014	J		<0.0058	U	
		VMP-8-5-111810	11/17/2010	<0.0063	J	U	0.0013	J		<0.0057	J	U	<0.0057	U		0.00032	J		<0.003	U		<0.005	J	U	<0.005	U	
		VMP-8-5-021011	2/10/2011	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		0.027			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-8-5-040711	4/7/2011	0.003	J		0.0011	J		<0.0068	U		<0.0068	U		0.003	J		<0.0035	U		0.0018	J		<0.006	U	
		VMP-8-5-072711	7/27/2011	<0.008	U		<0.0083	U		0.004	J		0.0013	J		0.011			<0.0038	U		0.0064			0.002	J	
		VMP-8-5-110311	11/3/2011	<0.0046	U		0.0012	J		0.00078	J		<0.0042	U		0.0024	J		<0.0022	U		0.0076			0.0015	J	
		VMP-8-5-012312	1/23/2012	<0.0057	U		0.0014	J		<0.0052	U		<0.0052	U		0.006			<0.0027	U		0.0013	J		<0.0046	U	
		VMP-8-5-041012	4/10/2012	0.0012	J		<0.0054	U		0.0015	J		<0.0047	U		0.045			<0.0024	U		0.0026	J		0.00069	J	
		VMP-8-5-071312	7/13/2012	<0.0043	U		<0.0045	U		<0.004	J	U	<0.004	U		<0.0038	U		<0.002	U		<0.0035	J	U	<0.0035	U	
		VMP-8-5-073112	7/31/2012	<0.0055	U		0.0011	J		0.0019	J		<0.0051	U		0.11			<0.0026	U		0.012			0.0034	J	
		VMP-8-5-100412	10/4/2012	<0.0074	U		<0.0078	U		<0.0068	J	U	<0.0068	U		<0.0064	J	U	<0.0035	U		<0.006	U		<0.006	U	
		VMP-8-5-100412-Dup	10/4/2012	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-8-5-012413	1/24/2013	<0.0072	U		0.0014	J		<0.0066	U		<0.0066	U		0.001	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-8-5-042513	4/25/2013	<0.0078	U		<0.0081	U		0.02			<0.0071	J	U	0.18			<0.0037	U		<0.0063	J	U	<0.0063	U	
		VMP-8-5-073013	7/30/2013	<0.0073	U		0.0011	J		0.0018	J		<0.0067	U		0.088			<0.0035	U		0.0025	J		<0.0059	U	
		VMP-8-5-102213	10/22/2013	<0.0072	U		0.0012	J		<0.0066	J	U	<0.0066	U		0.001	J		<0.0034	U		0.0014	J		0.00048	J	
		VMP-8-5-021014	2/10/2014	<0.0066	U		0.0017	J		<0.006	U		<0.006	U		0.0025	J		<0.0031	U		0.0013	J		<0.0053	U	
		VMP-8-5-042514	4/25/2014	<0.0074	U		0.0027	J		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		0.00097	J		<0.006	U	
		VMP-8-5-073014	7/30/2014	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.00062	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-8-5-103114	10/31/2014	<0.0065	U		0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-8-5-020915	2/9/2015	<0.0072	J	U	<0.0076	U		0.013			0.0041	J		<0.0063	U		<0.0034	U		0.0055	J		0.0029	J	
		VMP-8-5-042715	4/27/2015	<0.0062	U		<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-8-5-072815	7/28/2015	<0.0068	U		<0.0071	U		0.0011	J		<0.0062	U		<0.0059	U		<0.0032	U		0.0027	J		0.00095	J	
		VMP-8-5-102715	10/27/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-8-5-012716	1/27/2016	<0.0063	U		0.0014	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		0.0026	J		<0.0051	U	
		VMP-8-5-042916	4/29/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-8-5-072916	7/29/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-8-5-102516	10/25/2016	<0.0068	U		<0.0071	U		<0.0062	J	U	<0.0062	U		0.0023	J		<0.0032	U		0.0055			0.0011	J	
	9.5 ft	VMP-8-9.5	11/10/2009	<0.006	U		<0.006	U		<0.005	U		<0.005	U		<0.005	U		<0.002	U		<0.004	U		<0.004	U	
		VMP - 8 - 9.5 - 083010	8/30/2010	0.0027	J		0.0014	J		0.00098	J		<0.0059	U		0.0024	J		<0.0031	U		0.0013	J		<0.0052	U	
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	0.0019	J		0.0017	J		0.00079	J		<0.0061	U		0.0016	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-8-9.5-111810	11/17/2010	<0.0065	J	U	0.0011	J		<0.0059	U		<0.0059	U		0.0034	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-8-9.5-021011	2/10/2011	<0.0068	U		0.0013	J		<0.0062	U		<0.0062	U		0.0077			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-8-9.5-040711	4/7/2011	0.0036	J		<0.0078	U		<0.0068	U		<0.0068	U		0.0028	J		<0.0035	U		0.00063	J		<0.006	U	
		VMP-8-9.5-072711	7/27/2011	<0.0057	U		0.0014	J		0.0035	J		0.0011	J		0.0083			<0.0027	U		0.0079			0.0024	J	
		VMP-8-9.5-110311	11/3/2011	<0.0045	U		0.0012	J		0.0025	J		0.00057	J		0.0022	J		<0.0021	U		0.012			0.0027	J	
		VMP-8-9.5-012312	1/23/2012	0.027			0.0012	J		<0.005	U		<0.005	U		0.0069			<0.0026	U		0.0032	J		0.001	J	
		VMP-8-9.5-041012	4/10/2012	0.0014	J		<0.0054	U		<0.0047	U		<0.0047	U		0.056			<0.0024	U		0.00097	J		<0.0041	U	
		VMP-8-9.5-071312	7/13/2012	<0.005	U		0.0013	J		<0.0046	U		<0.0046	U		<0.0044	U		<0.0024	U		<0.0041	U		<0.0041	U	
		VMP-8-9.5-071312-Dup	7/13/2012	<0.0048	U		0.00099	J		<0.0044	U		<0.0044	U		<0.0042	U		<0.0023	U		<0.0039	U		<0.0039	U	
		VMP-8-9.5-100412	10/4/2012	<0.0081	U		0.0015	J		<0.0074	J	U	<0.0074	U		0.075			<0.0039	U		0.0042	J		<0.0066	U	
		VMP-8-9.5-012413	1/24/2013	<0.0068	U		0.0015	J		<0.0062	U		<0.0062	U		0.0017	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-8-9.5-012413-Dup	1/24/2013	<0.0072	U		0.0012	J		<0.0066	U		<0.0066	U		0.00094	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-8-9.5-042513	4/25/2013	<0.0072	U		0.0017	J		<0.0066	J	U	<0.0066	U		0.12			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-8-9.5-073013	7/30/2013	<0.0072	U		0.0012	J		<0.0066	U		<0.0066	U		0.017			<0.0034	U		0.0065			0.0024	J	
		VMP-8-9.5-102213	10/22/2013	<0.0072	U		0.001	J		<0.0066	J	U	<0.0066	U		0.0087			<0.0034	U		0.0024	J		0.00069	J	
		VMP-8-9.5-021014	2/10/2014	<0.0064	U		0.0018	J		0.01			0.032			0.42		J	<0.003	U		0.048		J	0.021		
		VMP-8-9.5-021014-Dup	2/10/2014	<0.0071	U		0.0015	J		0.0081			0.025			0.21		J	<0.0034	U		0.031		J	0.015		
		VMP-8-9.5-042514	4/25/2014	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-8-9.5-073014	7/30/2014	<0.0068	U		<0.0071	U		0.0019	J		<0.0062	U		0.021			<0.0032	U		0.0028	J		0.0012	J	
		VMP-8-9.5-103114	10/31/2014	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-8-9.5-020915	2/9/2015	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.019			<0.0031	U		0.00066	J		<0.0052	U	
		VMP-8-9.5-042715	4/27/2015	<0.0064	U		<0.0067	U		<0.0059	U		<0.0059	U		0.0028	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-8-9.5-072815	7/28/2015	<0.0082	U		<0.0086	U		0.002	J		<0.0075	U		<0.0071	U		<0.0039	U		0.0014	J		<0.0066	U	
		VMP-8-9.5-102715	10/27/2015	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-8-9.5-012716	1/27/2016	<0.0064	U		0.0013	J		<0.0058	U		<0.0058	U		0.00083	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-8-9.5-042916	4/29/2016	<0.006	U		<0.0063	U		<0.0055	U		<0.0055	U		0.0016	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-8-9.5-072916	7/29/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-8-9.5-102516	10/25/2016	<0.0064	U		0.0014	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	23.5 ft	VMP-8-23.5	11/10/2009	<0.006	U		<0.006	U		<0.005	U		<0.005	U		<0.005	U		<0.003	U		<0.005	U		<0.005	U	
		VMP - 8 - 23.5 - 083010	8/30/2010	0.002	J		0.0017	J		<0.0065	U		<0.0065	U		0.0073			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-8-23.5-111910	11/19/2010	0.0064	J		<0.0071	U		<0.0062	U		<0.0062	U		0.0061			<0.0032	U		0.001	J		<0.0055	U	
		VMP-8-23.5-021011	2/10/2011	<0.0072	U		0.0013	J		<0.0066	U		<0.0066	U		0.018			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-8-23.5-040711	4/7/2011	0.003	J		0.00098	J		<0.0062	U		<0.0062	U		0.0023	J		<0.0032	U		0.0012	J		<0.0055	U	
		VMP-8-23.5-040711-DUP	4/7/2011	0.006	J		<0.011	U		<0.0098	U		<0.0098	U		0.0018	J		<0.0051	U		0.001	J		<0.0087	U	
		VMP-8-23.5-081011	8/10/2011	<0.0071	U		0.0014	J		0.0024	J		<0.0065	J	U	0.031			<0.0034	U		0.0055	J		0.0016	J	
		VMP-8-23.5-110611	11/6/2011	<0.0051	U		0.0012	J		<0.0047	U		<0.0047	U		0.001	J		<0.0024	U		0.0026	J		0.00092	J	
		VMP-8-23.5-012312	1/23/2012	<0.0057	U		0.0014	J		<0.0052	U		<0.0052	U		0.0037	J		<0.0027	U		0.0033	J		0.00092	J	
		VMP-8-23.5-041012	4/10/2012	<0.005	U		<0.0052	U		0.00075	J		<0.0046	U		0.066			<0.0024	U		0.0011	J		<0.0041	U	
		VMP-8-23.5-071312	7/13/2012	<0.0055	U		0.0012	J		<0.0051	U		<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-8-23.5-100412	10/4/2012	<0.0078	U		0.0014	J		<0.0071	U		<0.0071	U		0.069			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-8-23.5-012413	1/24/2013	<0.0078	U		0.0018	J		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-8-23.5-050113	5/1/2013	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.004	J		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-8-23.5-073013	7/30/2013	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.0021	J		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-8-23.5-073013-Dup	7/30/2013	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.0033	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-8-23.5-102213	10/22/2013	<0.0072	U		0.00098	J		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		0.00028	J		<0.0059	U	
		VMP-8-23.5-021014	2/10/2014	<0.007	U		0.0012	J		<0.0064	U		<0.0064	U		0.0024	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-8-23.5-042514	4/25/2014	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-8-23.5-073014	7/30/2014	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.00079	J		<0.0034	U		0.00081	J		<0.0058	U	
		VMP-8-23.5-103114	10/31/2014	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-8-23.5-020915	2/9/2015	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.0051	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-8-23.5-050515-R	5/5/2015	<0.0071	U		0.0012	J		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-8-23.5-072815	7/28/2015	<0.0064	U		0.0013	J		0.0013	J		<0.0059	U		0.0022	J		<0.003	U		0.004	J		0.0017	J	
		VMP-8-23.5-102715	10/27/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-8-23.5-012716	1/27/2016	<0.0072	U		0.0016	J		<0.0066	U		<0.0066	U		0.024			<0.0034	U		0.0019	J		<0.0059	U	
		VMP-8-23.5-042916	4/29/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-8-23.5-072916	7/29/2016	<0.006	U		0.0016	J		<0.0055	J	U	<0.0055	J	U	0.0021	J		<0.0029	U		0.004	J		0.0015	J	
		VMP-8-23.5-072916-DUP	7/29/2016	<0.0066	U		0.0013	J		<0.006	J	U	<0.006	U		0.0016	J		<0.0031	U		0.0045	J		0.0017	J	
		VMP-8-23.5-102516	10/25/2016	<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
	35.5 ft	VMP-8-35.5-042514	4/25/2014	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.0092			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-8-35.5-073014	7/30/2014	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.0013	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-8-35.5-103114	10/31/2014	<0.0063	U		<0.0065	U		<0.0057	U		<0.0057	U		0.01			<0.003	U		0.0019	J		<0.005	U	
		VMP-8-35.5-103114-DUP	10/31/2014	<0.0062	U		<0.0065	U		<0.0056	U		<0.0056	U		0.0099			<0.0029	U		0.0021	J		<0.005	U	
		VMP-8-35.5-020915	2/9/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-8-35.5-042715	4/27/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.002	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-8-35.5-072815	7/28/2015	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-8-35.5-072815-DUP	7/28/2015	<0.0068	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-8-35.5-012816	1/28/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.00098	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-8-35.5-012816-DUP	1/28/2016	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		0.0013	J		<0.0058	U	
		VMP-8-35.5-042916	4/29/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-8-35.5-080316	8/3/2016	<0.0068	U		0.0017	J		<0.0062	U		<0.0062	U		0.0014	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-8-35.5-102516	10/25/2016	<0.0071	U		0.0017	J		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-8-35.5-102516-Dup	10/25/2016	<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5	11/11/2009	<0.006	U		<0.006	U		<0.005	U		<0.005	U		<0.005	U		<0.002	U		<0.004	U		<0.004	U	
		VMP-9-5-082610	8/26/2010	<0.0061	U		<0.0064	U		<0.0056	U		<0.0056	U		0.029			<0.0029	U		0.0013	J		<0.005	U	
		VMP-9-5-111910	11/19/2010	0.0037	J		<0.0067	U		<0.0058	U		<0.0058	U		0.0075			<0.003	U		<0.0052	U		<0.0052	U	
		VMP-9-5-020811	2/8/2011	0.0014	J		0.0011	J		<0.0054	U		<0.0054	U		0.002	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-9-5-040611	4/6/2011	0.0077	J		<0.017	U		<0.015	U		<0.015	U		0.022			<0.0077	U		<0.013	U		<0.013	U	
		VMP-9-5-080211	8/2/2011	<0.32	U		<0.33	U		<0.29	U		<0.29	U		150			<0.15	U		<0.26	U		<0.26	U	
		VMP-9-5-110411	11/4/2011	<0.0047	U		<0.0049	U		0.0016	J		<0.0043	J	U	0.38			<0.0022	U		<0.0038	J	U	<0.0038	U	
		VMP-9-5-012612	1/26/2012	0.0017	J		0.00055	J		<0.0037	U		<0.0037	U		1.1			<0.0019	U		0.0018	J		0.00064	J	
		VMP-9-5-041112	4/11/2012	<0.0048	U		<0.005	U		0.0012	J		<0.0044	U		0.087			<0.0023	U		0.0025	J		<0.0039	U	
		VMP-9-5-071312	7/13/2012	<0.0051	U		0.0013	J		<0.0047	U		<0.0047	U		0.0031	J		<0.0024	U		0.0062			<0.0041	J	U
		VMP-9-5-101012	10/10/2012	<0.0078	U		0.0014	J		<0.0071	U		<0.0071	U		0.016			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-9-5-012513	1/25/2013	<0.0076	U	UJ	0.0016	J	J	<0.0069	U	UJ	<0.0069	U	UJ	0.0011	J	J	<0.0036	U	UJ	<0.0061	U	UJ	<0.0061	U	UJ
		VMP-9-5-021513	2/15/2013	<0.0074	U		0.0014	J		0.014	J	J	<0.0068	U		0.21			<0.0035	U		0.0015	J		<0.006	U	
		VMP-9-5-050113	5/1/2013	<0.0079	U		0.0014	J		<0.0072	U		<0.0072	U		0.0015	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-9-5-073013	7/30/2013	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		0.0045	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-9-5-102213	10/22/2013	<0.0073	U		0.001	J		<0.0067	U		<0.0067	U		0.018			<0.0035	U		0.0024	J		0.00066	J	
		VMP-9-5-122013-R	12/20/2013	<0.0071	J	U	<0.0074	U		<0.0065	U		<0.0065	U		0.031			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-9-5-021114	2/11/2014	<0.0057	U		0.0011	J		<0.0052	U		<0.0052	U		<0.0049	U		<0.0027	U		0.00092	J		<0.0046	U	
		VMP-9-5-043014	4/30/2014	<0.0064	U		<0.0066	U		<0.0058	J	U	<0.0058	U		0.0023	J		<0.003	U		0.0023	J		0.00088	J	
		VMP-9-5-081114	8/11/2014	<0.0071	U		0.0014	J		<0.0065	U		<0.0065	U		0.0062			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-9-5-110614	11/6/2014	<0.0068	U		<0.0071	U		0.0022	J		<0.0062	U		0.08			<0.0032	U		0.002	J		<0.0055	U	
		VMP-9-5-021115	2/11/2015	<0.0073	U		<0.0076	U		0.0077			<0.0067	J	U	0.034			<0.0035	U		0.041			0.02		
		VMP-9-5-050415	5/4/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.001	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-9-5-072815	7/28/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0067			0.0011	J		<0.0061	U		<0.0061	U	
		VMP-9-5-102815	10/28/2015	<0.0069	U		<0.0072	J	U	<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-9-5-012816	1/28/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0049	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-9-5-042816	4/28/2016	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		0.0015	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-9-5-080116	8/1/2016	<0.0074	U		0.0015	J		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-9-5-102516	10/25/2016	<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		0.013			0.0024	J	
		VMP-9-5-120916	12/9/2016	<0.0066	U		0.0014	J		<0.006	U		<0.006	U		0.00051	J	J	<0.0031	U		0.0028	J		0.001	J	
	11.5 ft	VMP-9-11.5	11/11/2009	<0.007	U		<0.007	U		<0.006	U		<0.006	U		<0.006	U		<0.003	U		<0.006	U		<0.006	U	
		VMP-9-11.5-082610	8/26/2010	<0.14	U		<0.14	U		<0.13	U		<0.13	U		98			<0.066	U		<0.11	U		<0.11	U	
		VMP-9-11.5-111910	11/19/2010	0.37	J		<0.42	U		<0.37	U		<0.37	U		150			<0.19	U		<0.32	U		<0.32	U	
		VMP-9-11.5-020911	2/9/2011	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.0073			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-9-11.5-020911-DUP	2/9/2011	<0.0056	U		<0.0059	U		<0.0051	U		<0.0051	U		0.0074			<0.0027	U		<0.0045	U		<0.0045	U	
		VMP-9-11.5-040611	4/6/2011	0.011	J		<0.022	U		<0.019	U		<0.019	U		0.0075	J		<0.01	U		<0.017	U		<0.017	U	
		VMP-9-11.5-080211	8/2/2011	<0.47	U		<0.49	U		<0.43	U		<0.43	U		310			<0.22	U		<0.38	U		<0.38	U	
		VMP-9-11.5-110411	11/4/2011	<0.0047	U		<0.0049	U		0.0018	J		<0.0043	J	U	0.031			<0.0022	U		<0.0038	J	U	<0.0038	U	
		VMP-9-11.5-012612	1/26/2012	0.0071			<0.0044	U		<0.0038	U		<0.0038	U		0.11			<0.002	U		0.0018	J		0.00068	J	
		VMP-9-11.5-041112	4/11/2012	0.0016	J		0.0017	J		<0.0045	U		<0.0045	U		0.075			<0.0023	U		0.0014	J		0.00055	J	
		VMP-9-11.5-071312	7/13/2012	<0.0055	U		0.0012	J		0.0033	J		<0.0051	J	U	<0.0048	U		<0.0026	U		0.011			0.0037	J	
		VMP-9-11.5-101012	10/10/2012	<0.0074	U		0.0016	J		<0.0068	U		<0.0068	U		0.034			<0.0035	U		0.0016	J		<0.006	U	
		VMP-9-11.5-012513	1/25/2013	<0.0063	U		0.0017	J		<0.0057	U		<0.0057	U		0.0054			<0.003	U		<0.005	U		<0.005	U	
		VMP-9-11.5-012513-DUP	1/25/2013	<0.0068	U		0.0015	J		<0.0062	U		<0.0062	U		0.0083			<0.0032	U		0.0018	J		<0.0055	J	U
		VMP-9-11.5-050113	5/1/2013	<0.0081	U		0.0015	J		<0.0074	U		<0.0074	U		0.004	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-9-11.5-073013	7/30/2013	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-9-11.5-102213	10/22/2013	<0.007	U		0.0012	J		<0.0064	U		<0.0064	U		0.0011	J		<0.0033	U		0.0017	J		0.00046	J	
		VMP-9-11.5-122013-R	12/20/2013	<0.0071	J	U	<0.0074	U		<0.0065	U		<0.0065	U		0.031			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-9-11.5-021114	2/11/2014	<0.0061	U		0.00098	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		0.0011	J		<0.005	U	
		VMP-9-11.5-043014	4/30/2014	<0.0067	U		<0.007	U		0.0015	J		<0.0061	U		0.0014	J		<0.0032	U		0.0022	J		<0.0054	U	
		VMP-9-11.5-081114	8/11/2014	<0.0071	U		0.0017	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-9-11.5-110614	11/6/2014	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.002	J		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-9-11.5-021115	2/11/2015	<0.0072	U		<0.0076	U		<0.0066	J	U	<0.0066	U		0.017			<0.0034	U		<0.0059	J	U	<0.0059	U	
		VMP-9-11.5-050415	5/4/2015	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.001	J		<0.0058	U	
		VMP-9-11.5-072815	7/28/2015	<0.0073	U		0.0017	J		0.0014	J		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-9-11.5-102815	10/28/2015	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-9-11.5-012816	1/28/2016	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-9-11.5-042816	4/28/2016	<0.007	U		<0.0073	U		0.00068	J		<0.0064	U		0.034			<0.0033	U		0.013			0.0046	J	
		VMP-9-11.5-080116	8/1/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0016	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-9-11.5-080116-DUP	8/1/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0016	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-9-11.5-102516	10/25/2016	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.00074	J		<0.0032	U		0.0046	J		0.00098	J	
		VMP-9-11.5-120916	12/9/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0012	J	J	<0.0033	U		<0.0056	U		<0.0056	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	25.5 ft	VMP-9-25.5	11/10/2009	<1.5	U		<1.5	U		<1.4	U		<1.4	U		710		J	<0.7	U		<1.2	U		<1.2	U	
		VMP-9-25.5-D	11/10/2009	<1.3	U		<1.4	U		<1.2	U		<1.2	U		680		J	<0.63	U		<1.1	U		<1.1	U	
		VMP-9-25.5-082610	8/26/2010	<1.1	U		<1.1	U		0.19	J		<0.99	U		650			<0.52	U		<0.87	U		<0.87	U	
		VMP-9-25.5-082610-DUP	8/26/2010	<1.2	U		<1.2	U		0.17	J		<1.1	U		660			<0.55	U		<0.94	U		<0.94	U	
		VMP-9-25.5-111910	11/19/2010	<1.2	U		<1.3	U		<1.1	U		<1.1	U		550			<0.59	U		<1	U		<1	U	
		VMP-9-25.5-020911	2/9/2011	<0.68	U		<0.71	U		0.12	J		<0.62	U		190			<0.32	U		<0.55	U		<0.55	U	
		VMP-9-25.5-040811	4/8/2011	<0.34	U		<0.36	U		0.056	J		<0.31	U		98			<0.16	U		0.075	J		<0.28	U	
		VMP-9-25.5-080211	8/2/2011	<0.76	U		<0.79	U		<0.69	U		<0.69	U		440		J	<0.36	U		<0.61	U		<0.61	U	
		VMP-9-25.5-110711	11/7/2011	0.32	J		<0.7	U		<0.61	U		<0.61	U		120			<0.32	U		<0.54	U		<0.54	U	
		VMP-9-25.5-110711-DUP	11/7/2011	0.33	J		0.12	J		<0.53	U		<0.53	U		120			<0.27	U		<0.47	U		<0.47	U	
		VMP-9-25.5-012612	1/26/2012	<0.17	U		<0.18	U		<0.63	U		<0.16	U		76		J	<0.082	U		<0.14	U		<0.14	U	
		VMP-9-25.5-041112	4/11/2012	<0.0049	U		<0.0051	U		0.0013	J		0.0006	J		0.046			<0.0023	U		0.0035	J		0.0006	J	
		VMP-9-25.5-071312	7/13/2012	<0.0053	U		0.0015	J		<0.0048	J	U	<0.0048	J	U	<0.0046	J	U	<0.0025	U		0.018			0.0064		
		VMP-9-25.5-071312-Dup	7/13/2012	<0.0051	U		0.0016	J		<0.0047	J	U	<0.0047	J	U	<0.0045	J	U	<0.0024	U		0.017			0.006		
		VMP-9-25.5-101012	10/10/2012	<0.0071	U		0.0015	J		<0.0065	U		<0.0065	U		0.0081			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-9-25.5-013013	1/30/2013	<0.0076	U		0.0016	J		<0.0069	U		<0.0069	U		0.0038	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-9-25.5-050113	5/1/2013	<0.0081	U		0.0014	J		<0.0074	U		<0.0074	J	U	0.011			<0.0038	U		0.017			0.0086		
		VMP-9-25.5-050113-Dup	5/1/2013	<0.0083	U		0.0014	J		<0.0076	U		<0.0076	J	U	0.0079			<0.004	U		0.018			0.0098		
		VMP-9-25.5-073013	7/30/2013	<0.0078	U		0.0011	J		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-9-25.5-102213	10/22/2013	<0.0071	U		0.0011	J		<0.0065	U		<0.0065	U		0.015			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-9-25.5-102213-Dup	10/22/2013	<0.0072	U		0.001	J		<0.0066	U		<0.0066	U		0.0098			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-9-25.5-021114	2/11/2014	<0.006	U		0.0012	J		0.00075	J		<0.0054	U		<0.0052	U		<0.0028	U		0.00072	J		<0.0048	U	
		VMP-9-25.5-043014	4/30/2014	<0.0064	U		0.0029	J		0.00063	J		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-9-25.5-081114	8/11/2014	<0.0084	U		<0.0088	U		<0.0077	U		<0.0077	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-9-25.5-021115	2/11/2015	<0.0067	U		<0.007	U		<0.0061	J	U	<0.0061	U		0.024			<0.0032	U		0.012			0.0043	J	
		VMP-9-25.5-050415	5/4/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		5.8			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-9-25.5-052915-R	5/29/2015	<0.0076	U		<0.0079	U		<0.0069	J	U	<0.0069	U		0.0016	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-9-25.5-072815	7/28/2015	<0.0069	U		0.0013	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		0.001	J		<0.0056	U	
		VMP-9-25.5-102815	10/28/2015	<0.0064	U		<0.0067	J	U	<0.0058	U		<0.0058	U		0.0036	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-9-25.5-012816	1/28/2016	<0.0078	U		<0.0082	U		0.0043	J		0.00078	J		0.0035	J		<0.0037	U		0.0016	J		<0.0063	U	
		VMP-9-25.5-042816	4/28/2016	<0.0069	U		0.0012	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-9-25.5-080116	8/1/2016	<0.0073	U		0.0015	J		<0.0067	U		<0.0067	U		0.0016	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-9-25.5-102516	10/25/2016	<0.0067	U		0.0016	J		<0.0062	U		<0.0062	U		0.00073	J		<0.0032	U		0.0059			0.0018	J	
		VMP-9-25.5-120916	12/9/2016	<0.0064	U		0.0012	J		<0.0058	U		<0.0058	U		0.0019	J	J	<0.003	U		<0.0051	U		<0.0051	U	
	38.5 ft	VMP-9-38.5	11/10/2009	<3	U		<3.1	U		<2.7	U		<2.7	U		640		J	<1.4	U		<2.4	U		<2.4	U	
		VMP-9-38.5-020911	2/9/2011	<1.1	U		<1.2	U		<1	U		<1	U		380			<0.53	U		<0.91	U		<0.91	U	
		VMP-9-38.5-040811	4/8/2011	<1.5	U		<1.6	U		<1.4	U		<1.4	U		250			<0.71	U		<1.2	U		<1.2	U	
		VMP-9-38.5-012612	1/26/2012	<0.22	U		<0.24	U		<0.82	U		<0.21	U		120		J	<0.11	U		0.019	J	J	<0.18	U	
		VMP-9-38.5-041112	4/11/2012	0.0017	J		<0.0045	U		<0.004	U		<0.004	U		0.1			<0.002	U		0.0017	J		0.00046	J	
		VMP-9-38.5-071312	7/13/2012	<0.0057	J	U	0.0014	J		0.0035	J		<0.0052	J	U	<0.005	J	U	<0.0027	U		0.014			0.005		
		VMP-9-38.5-101012	10/10/2012	<0.021	U		<0.022	U		<0.019	U		<0.019	U		4.8			<0.01	U		<0.017	U		<0.017	U	
		VMP-9-38.5-013013	1/30/2013	<0.0076	U		0.0016	J		<0.0069	U		<0.0069	U		0.0051	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-9-38.5-050113	5/1/2013	<0.0083	U		0.0011	J		<0.0076	U		<0.0076	U		0.027			<0.004	U		<0.0067	U		<0.0067	U	
		VMP-9-38.5-073113	7/31/2013	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		0.0041	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-9-38.5-102213	10/22/2013	<0.0075	U		0.0012	J		<0.0068	U		<0.0068	U		0.004	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-9-38.5-021114	2/11/2014	<0.0067	U		0.0013	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		0.00072	J		<0.0054	U	
		VMP-9-38.5-081114	8/11/2014	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		0.013			<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-9-38.5-050415	5/4/2015	<0.04	U		<0.042	U		<0.036	U		<0.036	U		0.27		J	<0.019	U		<0.032	U		<0.032	U	
		VMP-9-38.5-050415-DUP	5/4/2015	<0.0048	U		0.0014	J		0.0017	J		<0.0044	U		0.013		J	<0.0023	U		0.0018	J		0.00097	J	
		VMP-9-38.5-052915-R	5/29/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-9-38.5-072815	7/28/2015	0.0014	J		0.0011	J		0.0017	J		<0.0054	J	U	0.0016	J		<0.0028	U		0.0058			0.0025	J	
		VMP-9-38.5-102815	10/28/2015	<0.0074	J	U	<0.0078	U		<0.0068	U		<0.0068	U		0.0018	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-9-38.5-012816	1/28/2016	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-9-38.5-042816	4/28/2016	0.0018	J		<0.0074	U		<0.0064	U		<0.0064	U		0.00094	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-9-38.5-072916	7/29/2016	<0.0081	U		<0.0085	U		0.0027	J		<0.0074	U		0.002	J		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-9-38.5-102516	10/25/2016	0.0018	J		0.0018	J		<0.0068	U		<0.0068	U		0.0014	J		<0.0035	U		0.0013	J		<0.006	U	
		VMP-9-38.5-120916	12/9/2016	0.0012	J		0.0013	J		0.0015	J		<0.0055	U		0.016	J0	J	<0.0029	U		<0.0049	U		<0.0049	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	<0.005	U		<0.006	U		<0.005	U		<0.005	U		<0.005	U		<0.002	U		<0.004	U		<0.004	U	
		VMP-10-5-090710	9/7/2010	<0.0071	U		0.001	J		0.007			0.0023	J		0.093			<0.0034	U		0.014			0.0065		
		VMP-10-5-111810	11/17/2010	<0.0065	J	U	0.00082	J		<0.0059	U		<0.0059	U		0.025			<0.0031	U		<0.0052	J	U	<0.0052	U	
		VMP-10-5-021011	2/10/2011	<0.0064	U		<0.0067	U		0.0013	J		<0.0058	U		0.2			<0.003	U		0.0046	J		0.0011	J	
		VMP-10-5-040511	4/5/2011	<0.0059	J	U	0.00085	J		0.0054			<0.0054	J	U	0.011			<0.0028	U		0.0058			<0.0048	J	U
		VMP-10-5-07/2911	7/29/2011	<0.0072	U		<0.0075	U		<0.0066	J	U	<0.0066	U		0.003	J		<0.0034	U		0.0033	J		0.00096	J	
		VMP-10-5-110411	11/4/2011	<0.0037	U		0.00084	J	J	<0.0034	J	U	<0.0034	J	U	<0.0032	U		<0.0018	U		0.0027	J		0.00085	J	
		VMP-10-5-012512	1/26/2012	0.0012	J		<0.0049	U		<0.0043	U		<0.0043	U		0.0031	J		<0.0022	U		0.00089	J		<0.0038	U	
		VMP-10-5-041212	4/12/2012	<0.005	U		0.0013	J		<0.0046	U		<0.0046	U		0.034			<0.0024	U		<0.0041	J	U	<0.0041	U	
		VMP-10-5-071312	7/13/2012	<0.0052	U		0.0013	J		<0.0047	J	U	<0.0047	U		<0.0045	J	U	<0.0025	U		<0.0042	J	U	<0.0042	U	
		VMP-10-5-101612	10/16/2012	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.038			<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-10-5-012913	1/29/2013	<0.0076	U		0.0021	J		<0.0069	U		<0.0069	U		0.007			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-10-5-012913-DUP	1/29/2013	<0.0084	U		0.0015	J		<0.0076	U		<0.0076	U		0.0082			<0.004	U		<0.0068	U		<0.0068	U	
		VMP-10-5-043013	4/30/2013	<0.0086	U		0.0014	J		<0.0079	U		<0.0079	U		0.0034	J		<0.0041	U		<0.007	U		<0.007	U	
		VMP-10-5-073013	7/30/2013	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.0043	J		<0.0034	U		0.0024	J		0.0015	J	
		VMP-10-5-111313	11/13/2013	<0.0063	U		0.0013	J		0.0015	J		<0.0057	U		<0.0054	U		<0.003	U		0.00092	J		<0.005	U	
		VMP-10-5-021214	2/12/2014	<0.0063	U		0.0011	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-10-5-022614-R	2/26/2014	0.0037	J		0.0014	J		<0.0059	J	U	<0.0059	U		0.032			<0.0031	U		0.0014	J		<0.0052	U	
		VMP-10-5-042914	4/29/2014	<0.0066	U		<0.0068	U		0.00032	J		<0.006	U		0.0024	J		<0.0031	U		0.00067	J		<0.0053	U	
		VMP-10-5-073114	7/31/2014	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.00076	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-10-5-103014	10/30/2014	<0.0065	U		0.0013	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-10-5-020515	2/5/2015	<0.0067	U		0.0022	J		<0.0061	J	U	<0.0061	J	U	<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-10-5-043015	4/30/2015	<0.0073	J	U	<0.0077	U		<0.0067	U		<0.0067	U		0.0017	J		<0.0035	U		0.0019	J		<0.0059	U	
		VMP-10-5-072815	7/28/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.11			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-10-5-103015	10/30/2015	<0.0068	U		0.0019	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-10-5-012916	1/29/2016	<0.0071	U		0.0017	J		<0.0065	U		<0.0065	U		0.0021	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-10-5-050216	5/2/2016	<0.0076	U		0.0013	J		<0.0069	U		<0.0069	U		0.00087	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-10-5-082616	8/26/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-10-5-110216	11/2/2016	<0.007	U		<0.0073	U		<0.0064	J	U	<0.0064	U		<0.006	J	U	<0.0033	U		0.056			0.013		
	10 ft	VMP-10-10	11/11/2009	<0.006	U		<0.006	U		<0.005	U		<0.005	U		<0.005	U		<0.002	U		<0.005	U		<0.005	U	
		VMP-10-10-090710	9/7/2010	<0.0071	U		0.00097	J		<0.0065	U		<0.0065	U		0.048			<0.0034	U		0.0011	J		<0.0057	U	
		VMP-10-10-111810	11/17/2010	<0.0069	J	U	0.00098	J		<0.0063	U		<0.0063	U		0.026			<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-10-10-021111	2/11/2011	0.002	J		0.00063	J		<0.005	J	U	<0.005	U		0.018			<0.0026	U		0.0034	J		0.0011	J	
		VMP-10-10-040611	4/6/2011	<0.0071	J	U	0.0012	J		<0.0065	J	U	<0.0065	U		0.0088			<0.0034	U		<0.0057	J	U	<0.0057	U	
		VMP-10-10-072911	7/29/2011	<0.0074	U		<0.0078	U		0.0047	J		<0.0068	J	U	0.0094			<0.0035	U		0.0072			0.0018	J	
		VMP-10-10-110411	11/4/2011	<0.0048	J	U	0.00083	J		0.0019	J		0.00059	J		0.001	J		<0.0023	U		0.0029	J		0.00099	J	
		VMP-10-10-110411-DUP	11/4/2011	<0.0048	J	U	0.00093	J		0.0015	J		0.00047	J		0.00076	J		<0.0023	U		0.0025	J		0.0011	J	
		VMP-10-10-012512	1/26/2012	0.0014	J		<0.0049	U		<0.0043	U		<0.0043	U		<0.0041	U		<0.0022	U		0.0015	J		0.00071	J	
		VMP-10-10-012512-DUP	1/26/2012	0.0014	J		<0.0051	U		0.0012	J		<0.0045	U		0.008			<0.0023	U		0.0016	J		0.00087	J	
		VMP-10-10-041112	4/11/2012	<0.0051	U		<0.0054	U		<0.0047	J	U	<0.0047	U		0.057			<0.0024	U		0.0048			0.0022	J	
		VMP-10-10-071312	7/13/2012	<0.005	U		<0.0053	U		<0.0046	J	U	<0.0046	U		<0.0044	J	U	<0.0024	U		<0.0041	J	U	<0.0041	J	U
		VMP-10-10-101612	10/16/2012	<0.0085	U		<0.0089	U		<0.0078	U		<0.0078	U		0.021			<0.004	U		0.0068			<0.0069	U	
		VMP-10-10-012913	1/29/2013	<0.0068	U		0.0012	J		<0.0062	U		<0.0062	U		0.0064			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-10-10-043013	4/30/2013	<0.0078	U		0.0012	J		<0.0071	U		<0.0071	U		0.097			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-10-10-073013	7/30/2013	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.013			<0.0035	U		0.0074			0.0033	J	
		VMP-10-10-111313	11/13/2013	<0.0068	U		0.00095	J		<0.0062	U		<0.0062	U		0.003	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-10-10-021214	2/12/2014	<0.0063	U		0.00098	J		<0.0058	U		<0.0058	U		0.0013	J		<0.003	U		0.00088	J		<0.0051	U	
		VMP-10-10-042914	4/29/2014	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-10-10-073114	7/31/2014	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-10-10-103014	10/30/2014	<0.014	U		<0.014	U		<0.013	U		<0.013	U		<0.012	U		<0.0066	U		<0.011	U		<0.011	U	
		VMP-10-10-020515	2/5/2015	<0.0067	U		0.002	J		<0.0061	J	U	<0.0061	U		0.00085	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-10-10-043015	4/30/2015	<0.0069	J	U	<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-10-10-072815	7/28/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-10-10-103015	10/30/2015	<0.0069	U		0.0016	J		<0.0063	U		<0.0063	U		0.0017	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-10-10-021616	2/16/2016	<0.0072	U		0.0021	J		0.0013	J		<0.0066	U		0.0036	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-10-10-050216	5/2/2016	<0.0084	U		<0.0088	U		<0.0077	U		<0.0077	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-10-10-072816	7/28/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		0.0024	J		<0.006	U	
		VMP-10-10-110216	11/2/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0056	J		<0.0036	U		0.0016	J		<0.006	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	20 ft	VMP-10-20	11/11/2009	<0.006	U		<0.006	U		<0.005	U		<0.005	U		<0.005	U		<0.002	U		<0.004	U		<0.004	U	
		VMP-10-20-D	11/11/2009	<0.006	U		<0.006	U		<0.006	U		<0.006	U		<0.005	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-10-20-090710	9/7/2010	<0.0074	U		0.0013	J		0.0016	J		<0.0068	U		0.027		J	<0.0035	U		0.0043	J		0.0015	J	
		VMP-10-20-090710-DUP	9/7/2010	<0.0069	U		0.0018	J		0.0013	J		<0.0063	U		0.011		J	<0.0033	U		0.0037	J		0.0013	J	
		VMP-10-20-111810	11/17/2010	0.0042	J		<0.014	U		<0.012	U		<0.012	U		0.01	J	J	<0.0062	U		<0.011	U		<0.011	U	
		VMP-10-20-111810-Dup	11/17/2010	0.002	J		0.00085	J		<0.0061	U		<0.0061	U		0.03		J	<0.0032	U		<0.0054	J	U	<0.0054	U	
		VMP-10-20-021111	2/11/2011	0.0033	J		<0.0068	U		<0.006	U		<0.006	U		0.014			<0.0031	U		0.00059	J		<0.0053	U	
		VMP-10-20-040611	4/6/2011	<0.0079	J	U	0.0014	J		<0.0072	J	U	<0.0072	U		0.031			<0.0038	U		<0.0068		U	0.0016	J	
		VMP-10-20-072911	7/29/2011	<0.0073	U		<0.0077	U		0.005	J		<0.0067	J	U	0.0054	J		<0.0035	U		0.0053	J		0.0018	J	
		VMP-10-20-110411	11/4/2011	<0.0048	U		0.001	J		<0.0044	U		0.00043	J		0.0012	J		<0.0023	U		0.0034	J		0.0011	J	
		VMP-10-20-012612	1/26/2012	0.001	J		<0.0047	U		<0.0041	U		<0.0041	U		0.015			<0.0021	U		0.0014	J		0.00042	J	
		VMP-10-20-041212	4/12/2012	<0.005	U		0.0009	J		<0.0046	U		<0.0046	U		0.064			<0.0024	U		<0.0041	J	U	<0.0041	U	
		VMP-10-20-071612	7/16/2012	<0.0048	U		0.0012	J		<0.0044	J	U	<0.0044	U		<0.0042	J	U	<0.0023	U		<0.0039	J	U	<0.0039	U	
		VMP-10-20-101612	10/16/2012	<0.0086	U		<0.009	U		<0.0078	J	U	0.0026	J		0.0059	J		<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-10-20-012913	1/29/2013	<0.0074	U		0.0017	J		<0.0068	U		<0.0068	U		0.0068			<0.0035	U		<0.006	U		<0.006	U	
		VMP-10-20-043013	4/30/2013	<0.0083	U		0.0011	J		<0.0076	U		<0.0076	U		<0.0072	U		<0.004	U		<0.0067	U		<0.0067	U	
		VMP-10-20-073013	7/30/2013	<0.0071	U		<0.0075	U		0.0035	J		<0.0065	U		0.083			<0.0034	U		0.0096			0.0045	J	
		VMP-10-20-102313	10/23/2013	<0.007	U		0.001	J		<0.0064	U		<0.0064	U		0.0019	J		<0.0033	U		0.00069	J		<0.0057	U	
		VMP-10-20-021214	2/12/2014	<0.006	U		<0.0063	U		0.0034	J		0.00089	J		<0.0052	U		<0.0029	U		0.0014	J		<0.0049	U	
		VMP-10-20-042914	4/29/2014	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.031			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-10-20-073114	7/31/2014	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.00072	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-10-20-103014	10/30/2014	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-10-20-020515	2/5/2015	<0.007	U		0.0018	J		<0.0064	J	U	<0.0064	U		0.007			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-10-20-043015	4/30/2015	<0.008	J	U	<0.0083	U		<0.0073	U		<0.0073	U		0.0014	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-10-20-072815	7/28/2015	<0.0074	U		0.0015	J		0.00099	J		<0.0068	U		0.0035	J		<0.0035	U		0.0024	J		0.0011	J	
		VMP-10-20-072815-DUP	7/28/2015	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0048	J		<0.0036	U		0.0025	J		<0.0062	U	
		VMP-10-20-103015	10/30/2015	<0.0064	U		0.0013	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-10-20-012916	1/29/2016	<0.0068	U		<0.0071	U		0.0041	J		<0.0062	U		0.0067			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-10-20-050216	5/2/2016	<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-10-20-072816	7/28/2016	<0.015	U		<0.016	U		<0.014	U		<0.014	U		<0.013	U		<0.0071	U		<0.012	U		<0.012	U	
		VMP-10-20-110216	11/2/2016	<0.0073	U		<0.0076	U		0.036			0.011			0.018			<0.0035	U		0.2			0.081		
	30 ft	VMP-10-30	11/13/2009	<0.006	U		<0.007	U		<0.006	U		<0.006	U		<0.005	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-10-30-041212	4/12/2012	<0.0053	U		0.0018	J		<0.0048	U		<0.0048	U		0.12			<0.0025	U		0.0038	J		0.0013	J	
		VMP-10-30-071612	7/16/2012	<0.0046	U		0.0013	J		<0.0042	J	U	<0.0042	U		<0.004	J	U	<0.0022	U		<0.0038	J	U	<0.0038	U	
		VMP-10-30-101612	10/16/2012	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		0.028			<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-10-30-012913	1/29/2013	<0.0081	U		0.0018	J		<0.0074	U		<0.0074	U		0.0054	J		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-10-30-043013	4/30/2013	<0.0077	U		0.001	J		<0.0071	U		<0.0071	U		0.1			<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-10-30-073013	7/30/2013	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.0058	J		<0.0034	U		0.0029	J		0.0012	J	
		VMP-10-30-102813	10/28/2013	<0.0077	U		0.0012	J		<0.007	U		<0.007	U		0.0099			<0.0036	U		0.0006	J		<0.0062	U	
		VMP-10-30-021214	2/12/2014	<0.0066	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-10-30-042914	4/29/2014	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-10-30-073114	7/31/2014	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0027	J		<0.0036	U		0.00096	J		<0.0061	U	
		VMP-10-30-073114-Dup	7/31/2014	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0032	J		<0.0033	U		0.00078	J		<0.0056	U	
		VMP-10-30-103014	10/30/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-10-30-103014-DUP	10/30/2014	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-10-30-020515	2/5/2015	<0.0071	U		0.0015	J		<0.0065	J	U	<0.0065	U		0.03		J	<0.0034	U		0.0045	J		0.0016	J	
		VMP-10-30-020515-DUP	2/5/2015	<0.0069	U		0.0014	J		<0.0063	J	U	<0.0063	U		0.017		J	<0.0033	U		0.0026	J		<0.0056	U	
		VMP-10-30-043015	4/30/2015	0.011			<0.0075	U		<0.0065	U		<0.0065	U		0.0059	J		<0.0034	U		0.0035	J		<0.0058	U	
		VMP-10-30-072815	7/28/2015	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-10-30-103015	10/30/2015	<0.0069	U		0.0013	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-10-30-012916-DUP	1/29/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-10-30-050216	5/2/2016	<0.0071	U		<0.0075	U		0.001	J		<0.0065	U		0.01			<0.0034	U		0.0027	J		<0.0058	U	
		VMP-10-30-050216-DUP	5/2/2016	<0.0071	U		0.0013	J		<0.0065	J	U	<0.0065	U		0.0091			<0.0034	U		0.0018	J		<0.0058	U	
		VMP-10-30-072816	7/28/2016	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.0012	J		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-10-30-110216	11/2/2016	<0.0084	U		<0.0088	U		<0.0077	U		<0.0077	U		0.013			<0.004	U		0.0014	J		<0.0068	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	<0.048	U		<0.05	U		<0.044	U		<0.044	U		<0.042	U		<0.023	U		<0.039	U		<0.039	U	
		VMP-11-5-090710	9/7/2010	<0.0066	U		0.0012	J		<0.0061	U		<0.0061	U		0.041			<0.0032	U		0.0015	J		<0.0054	U	
		VMP-11-5-112210	11/22/2010	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0019	J		<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-11-5-021511	2/15/2011	0.0024	J		0.001	J		<0.0056	J	U	<0.0056	U		0.065			<0.0029	U		0.0089			0.0029	J	
		VMP-11-5-040611	4/6/2011	<0.058	U		<0.061	U		<0.053	U		<0.053	U		0.11			<0.028	U		<0.047	U		<0.047	U	
		VMP-11-5-080711	8/7/2011	<0.08	U		<0.083	U		<0.073	U		<0.073	U		<0.069	U		<0.038	U		0.012	J		<0.064	U	
		VMP-11-5-111111	11/11/2011	<0.016	U		<0.016	U		<0.014	U		<0.014	U		0.94			<0.0075	U		0.0036	J		<0.013	U	
		VMP-11-5-012612	1/26/2012	0.001	J		<0.0049	U		<0.0043	U		<0.0043	U		<0.0041	U		<0.0022	U		0.0031	J		0.0007	J	
		VMP-11-5-041912	4/19/2012	<0.0053	U		0.0017	J		0.0023	J		0.0012	J		0.21			<0.0025	U		0.012			0.0033	J	
		VMP-11-5-071912	7/16/2012	<0.0068	J	U	0.0015	J		<0.0062	U		<0.0062	U		0.0061			<0.0032	U		<0.0055	J	U	<0.0055	U	
		VMP-11-5-101612	10/16/2012	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.018			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-11-5-012913	1/29/2013	<0.39	U		<0.4	U		<0.35	U		<0.35	U		<0.34	U		<0.18	U		<0.31	U		<0.31	U	
		VMP-11-5-043013	4/30/2013	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		0.054			<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-11-5-073113	7/31/2013	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-11-5-102813	10/28/2013	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-11-5-022114	2/21/2014	<0.0066	U		0.0018	J		0.014			0.019			0.0062			<0.0031	U		0.016			0.0067		
		VMP-11-5-043014	4/30/2014	<0.0061	U		0.0022	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-11-5-073114	7/31/2014	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-11-5-103014	10/30/2014	<0.0065	U		<0.0068	U		<0.006	U		<0.006	U		0.0027	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-11-5-020515	2/5/2015	<0.0066	U		0.0016	J		<0.006	U		<0.006	U		0.00073	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-11-5-043015	4/30/2015	<0.0074	J	U	<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-11-5-072815	7/28/2015	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		0.099			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-11-5-103015	10/30/2015	<0.0069	U		0.0021	J		<0.0063	U		<0.0063	U		0.0016	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-11-5-012916	1/29/2016	<0.0074	U		<0.0077	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-11-5-050216	5/2/2016	<0.0064	U		0.0017	J		<0.0059	U		<0.0059	U		0.0019	J		<0.0031	U		0.0008	J		<0.0052	U	
		VMP-11-5-080116	8/1/2016	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0014	J		<0.0036	U		0.0045	J		0.0022	J	
		VMP-11-5-110116	11/1/2016	<0.0071	U		<0.0075	U		0.0054	J		<0.0065	U		0.0011	J		<0.0034	U		0.044			0.0092		
	8 ft	VMP-11-8	11/17/2009	<0.006	U		<0.006	U		<0.006	U		<0.006	U		<0.005	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-11-8-090810	9/8/2010	<0.0069	U		0.002	J		<0.0063	U		<0.0063	U		0.01			<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-11-8-112210	11/22/2010	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0024	J		<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-11-8-021111	2/11/2011	0.0034	J		<0.007	U		<0.0061	U		<0.0061	U		0.012			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-11-8-021111-DUP	2/11/2011	0.0031	J		0.001	J		<0.0058	U		<0.0058	U		0.0085			<0.003	U		<0.0051	U		<0.0051	U	
		VMP-11-8-040611	4/6/2011	<0.03	U		<0.031	U		<0.027	U		<0.027	U		0.062			<0.014	U		<0.024	U		<0.024	U	
		VMP-11-8-040611-DUP	4/6/2011	0.0028	J		<0.027	U		<0.024	U		<0.024	U		0.048			<0.012	U		<0.021	U		<0.021	U	
		VMP-11-8-080711	8/7/2011	<0.08	U		<0.083	U		<0.073	U		<0.073	U		<0.069	U		<0.038	U		0.01	J		<0.064	U	
		VMP-11-8-111411	11/14/2011	0.0015	J		<0.0049	U		0.0012	J		<0.0043	U		0.031			<0.0022	U		0.003	J		0.0007	J	
		VMP-11-8-012612	1/26/2012	0.00099	J		<0.0048	U		<0.0042	U		<0.0042	U		<0.004	U		<0.0022	U		0.001	J		<0.0037	U	
		VMP-11-8-041912	4/19/2012	<0.0053	U		0.0016	J		<0.0048	U		<0.0048	U		0.01			<0.0025	U		0.0075			0.0019	J	
		VMP-11-8-072012	7/20/2012	<0.0053	U		0.0013	J		<0.0048	U		<0.0048	U		<0.0046	U		<0.0025	U		<0.0042	U		<0.0042	U	
		VMP-11-8-101612	10/16/2012	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		0.0019	J		<0.0036	U		<0.0062	J	U	<0.0062	U	
		VMP-11-8-101612-Dup	10/16/2012	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0019	J		<0.0037	U		<0.0063	J	U	<0.0063	U	
		VMP-11-8-012913	1/29/2013	<0.053	U		<0.055	U		<0.048	U		<0.048	U		<0.046	U		<0.025	U		<0.043	U		<0.043	U	
		VMP-11-8-050113	5/1/2013	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.037			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-11-8-080113	8/1/2013	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0018	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-11-8-102813	10/28/2013	<0.0078	U		0.0012	J		0.0012	J		<0.0071	U		0.032			<0.0037	U		0.0011	J		0.00038	J	
		VMP-11-8-022114	2/21/2014	<0.0063	U		0.0014	J		0.014			0.033			0.0024	J		<0.003	U		0.014			0.0074		
		VMP-11-8-043014	4/30/2014	<0.0062	U		<0.0065	U		0.0012	J		<0.0057	U		0.0012	J		<0.003	U		0.00087	J		<0.005	U	
		VMP-11-8-073114	7/31/2014	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.001	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-11-8-111014-R	11/10/2014	<0.0072	U		<0.0076	U		<0.0066	J	U	<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-11-8-020515	2/5/2015	<0.0064	U		0.0013	J		<0.0059	J	U	<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-11-8-043015	4/30/2015	<0.0074	J	U	<0.0078	U		<0.0068	U		<0.0068	U		0.0068			<0.0035	U		0.0038	J		<0.006	U	
		VMP-11-8-072815	7/28/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		0.0052	J		0.00086	J	
		VMP-11-8-103015	10/30/2015	<0.0066	U		0.0024	J		<0.006	U		<0.006	U		0.0014	J		<0.0031	U		0.0016	J		<0.0053	U	
		VMP-11-8-012916	1/29/2016	<0.0071	U		<0.0074	U		0.0026	J		<0.0065	U		0.0032	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-11-8-050616	5/6/2016	<0.0077	U		<0.0081	U		0.018			0.004	J		<0.0067	U		<0.0037	U		0.0059	J		0.0033	J	
		VMP-11-8-080116	8/1/2016	<0.0075	U		0.0013	J		<0.0068	U		<0.0068	U		0.0015	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-11-8-110116	11/1/2016	<0.007	U		<0.0073	U		0.011			<0.0064	U		0.0069			<0.0033	U		0.02			0.006		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	29 ft	VMP-11-29	11/18/2009	<46	U		<48	U		<42	U		<42	U		<40	U		<22	U		<37	U		<37	U	
		VMP-11-29-090810	9/8/2010	<0.17	U		<0.18	U		0.17			0.088	J		1.1			<0.082	U		0.1	J		0.072	J	
		VMP-11-29-112210	11/22/2010	<2.5	U		<2.6	U		<2.3	U		<2.3	U		1.8	J		<1.2	U		<2	U		<2	U	
		VMP-11-29-112210-Dup	11/22/2010	<1.7	U		<1.8	U		<1.6	U		<1.6	U		1.8			<0.82	U		<1.4	U		<1.4	U	
		VMP-11-29-021411	2/14/2011	0.0028	J		<0.007	U		<0.0061	J	U	<0.0061	U		0.19			<0.0032	U		0.0043	J		0.0016	J	
		VMP-11-29-040611	4/6/2011	<0.051	U		<0.053	U		<0.046	U		<0.046	U		0.096			<0.024	U		<0.041	U		<0.041	U	
		VMP-11-29-082511	8/25/2011	<0.0074	U		<0.0078	U		0.0023	J		<0.0068	U		0.002	J		<0.0035	U		0.0037	J		0.0011	J	
		VMP-11-29-082511-Dup	8/25/2011	<0.0074	U		<0.0078	U		0.0023	J		<0.0068	U		0.004	J		<0.0035	U		0.0033	J		0.0011	J	
		VMP-11-29-111411	11/14/2011	0.0014	J		<0.0049	U		0.00088	J		<0.0043	U		0.005			<0.0022	U		0.0018	J		0.00048	J	
		VMP-11-29-012612	1/26/2012	0.001	J		<0.0047	U		<0.0041	U		<0.0041	U		<0.0039	U		<0.0021	U		<0.0036	U		<0.0036	U	
		VMP-11-29-042712	4/27/2012	<0.0047	U		0.00099	J		0.0011	J		<0.0043	U		0.013			<0.0022	U		0.0046			0.0014	J	
		VMP-11-29-072012	7/23/2012	<0.0047	U		0.0013	J		0.0056			0.0015	J		0.028			<0.0022	U		0.023			0.0062		
		VMP-11-29-101612	10/16/2012	<0.008	U		0.0015	J		<0.0073	U	UJ	<0.0073	U		0.0071			<0.0038	U		0.0012	J		<0.0064	U	
		VMP-11-29-012913	1/29/2013	<0.0078	U		0.0017	J		<0.0071	U		<0.0071	U		0.0062	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-11-29-043013	4/30/2013	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.2			<0.0036	U		<0.0062	J	U	<0.0062	U	
		VMP-11-29-073113	7/31/2013	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0034	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-11-29-102813	10/28/2013	<0.012	U		0.0012	J		<0.011	U		<0.011	U		0.0057	J		<0.006	U		0.00059	J		<0.01	U	
		VMP-11-29-022114	2/21/2014	<0.0068	U		0.0015	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-11-29-043014	4/30/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-11-29-073114	7/31/2014	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-11-29-103014	10/30/2014	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-11-29-103014-DUP	10/30/2014	<0.0064	U		0.0012	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		0.00073	J		<0.0052	U	
		VMP-11-29-020515	2/5/2015	<0.0076	U		0.0014	J		<0.0069	U		<0.0069	U		0.0079			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-11-29-020515-DUP	2/5/2015	<0.0069	U		0.0014	J		<0.0063	U		<0.0063	U		0.0069			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-11-29-043015	4/30/2015	<0.0067	J	U	<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-11-29-072815	7/28/2015	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		0.0018	J		<0.0059	U	
		VMP-11-29-110515	11/5/2015	<0.0076	U		0.002	J		<0.007	U		<0.007	U		0.0011	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-11-29-012916	1/29/2016	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		0.0034	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-11-29-050216	5/2/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.031			<0.0035	U		0.013			0.0044	J	
		VMP-11-29-080216	8/2/2016	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.0024	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-11-29-110116	11/1/2016	<0.0079	U		<0.0083	U		<0.0072	U		<0.0072	U		0.0011	J		<0.0038	U		0.012			0.0026	J	
	38 ft	VMP-11-38	11/18/2009	<130	U		<140	U		<120	U		<120	U		<120	U		<63	U		<110	U		<110	U	
		VMP-11-38-042312	4/23/2012	<0.35	U		<0.37	U		<0.32	U		<0.32	U		<0.3	U		<0.17	U		<0.28	U		<0.28	U	
		VMP-11-38-042312-Dup	4/23/2012	<1.2	U		<1.3	U		<1.1	U		<1.1	U		<1.1	U		<0.58	U		<0.99	U		<0.99	U	
		VMP-11-38-072312	7/23/2012	<0.58	U		<0.61	U		<0.53	U		<0.53	U		<0.51	U		<0.28	U		<0.47	U		<0.47	U	
		VMP-11-38-101612	10/16/2012	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		0.023			<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-11-38-013013	1/30/2013	<0.0074	U		0.0016	J		<0.0068	U		<0.0068	U		0.0048	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-11-38-043013	4/30/2013	<0.0081	U		0.0017	J		<0.0074	U		<0.0074	U		0.064			<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-11-38-073113	7/31/2013	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0017	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-11-38-073113-Dup	7/31/2013	<0.0079	U		0.0011	J		<0.0072	U		<0.0072	U		0.0023	J		<0.0037	U		<0.0064	U		<0.0064	U	
		VMP-11-38-102813	10/28/2013	<0.0076	U		0.001	J		0.0011	J		<0.0069	U		0.018			<0.0036	U		0.001	J		0.0004	J	
		VMP-11-38-022114	2/21/2014	<0.0068	U		0.0012	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-11-38-043014	4/30/2014	0.0018	J		0.0034	J		<0.0062	U		<0.0062	U		0.0019	J		<0.0032	U		0.0012	J		<0.0054	U	
		VMP-11-38-073114	7/31/2014	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.00057	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-11-38-103014	10/30/2014	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		0.0042	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-11-38-020515	2/5/2015	<0.0064	U		0.0016	J		<0.0058	J	U	<0.0058	U		0.025			<0.003	U		0.0015	J		<0.0052	U	
		VMP-11-38-043015	4/30/2015	<0.0081	J	U	<0.0084	U		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-11-38-072815	7/28/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-11-38-103015	10/30/2015	<0.0067	U		0.0022	J		<0.0061	U		<0.0061	U		0.00098	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-11-38-103015-DUP	10/30/2015	<0.0061	U		0.0019	J		<0.0056	U		<0.0056	U		0.00092	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-11-38-012916	1/29/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-11-38-050216	5/2/2016	<0.0069	U		0.0014	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-11-38-050216-DUP	5/2/2016	<0.0067	U		0.0012	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-11-38-080216	8/2/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.001	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-11-38-110216	11/2/2016	<0.0079	U		0.0014	J		<0.0072	U		<0.0072	U		<0.0069	J	U	<0.0038	U		0.0032	J		<0.0064	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	<17	U		<18	U		<16	U		<16	U		1500			<8.1	U		<14	U		<14	U	
		VMP-12-5-090310	9/3/2010	<7.2	U		<7.6	U		<6.6	U		<6.6	U		1700			<3.4	U		<5.8	U		<5.8	U	
		VMP-12-5-120310	12/3/2010	<71	U		<75	U		<65	U		<65	U		1700			<34	U		<58	U		<58	U	
		VMP-12-5-021511	2/15/2011	<3.3	U		<3.4	U		<3	U		<3	U		610			<1.6	U		<2.6	U		<2.6	U	
		VMP-12-5-041911	4/19/2011	<24	U		<25	U		<22	U		<22	U		1100			<11	U		7.9	J		<19	U	
		VMP-12-5-080411	8/4/2011	<6.2	U		<6.5	U		<5.7	U		<5.7	U		700			<3	U		<5	U		<5	U	
		VMP-12-5-111611	11/16/2011	<0.0044	U		<0.0046	U		0.0009	J		<0.004	U		0.95			<0.0021	U		0.0018	J		0.00046	J	
		VMP-12-5-012412	1/24/2012	<0.049	U		<0.051	U		0.011	J		<0.045	U		2.9			<0.023	U		0.013	J		<0.04	U	
		VMP-12-5-041912	4/19/2012	<0.0049	U		0.0016	J		0.0014	J		<0.0045	U		0.4			<0.0023	U		0.0042			<0.004	U	
		VMP-12-5-072612	7/26/2012	<0.0052	U		0.0012	J		0.0017	J		0.00084	J		0.0065			<0.0025	U		0.0052			0.0018	J	
		VMP-12-5-072612-Dup	7/26/2012	<0.0048	U		0.0018	J		<0.0044	U		<0.0044	U		0.00079	J		<0.0023	U		0.001	J		0.00082	J	
		VMP-12-5-102412	10/24/2012	<0.0081	U		0.0015	J		0.003	J		0.0014	J		0.0058	J		<0.0038	U		0.012			0.0054	J	
		VMP-12-5-021813	2/18/2013	<0.0072	U		0.0014	J		0.0021	J	J	<0.0066	U		0.11			<0.0034	U		0.0012	J		<0.0058	U	
		VMP-12-5-051013	5/10/2013	<0.0076	U		0.0016	J		<0.0069	U		<0.0069	U		0.0047	J		<0.0036	U		0.0019	J		<0.0061	U	
		VMP-12-5-081213	8/12/2013	0.0055	J		<0.0077	U		<0.0067	U		<0.0067	U		0.00099	J		<0.0035	U	UJ	0.0024	J		<0.0059	U	
		VMP-12-5-111413	11/14/2013	<0.0072	U		0.0012	J		0.014			0.0042	J		<0.0063	U		<0.0034	U		0.0029	J		0.0017	J	
		VMP-12-5-031914-R	3/19/2014	<0.0068	U		<0.0071	U		0.0037	J		0.0015	J		0.041			<0.0032	U		0.003	J		0.0014	J	
		VMP-12-5-050214	5/2/2014	<0.0056	U		<0.0059	U		<0.0051	U		<0.0051	U		0.0053			<0.0027	U		0.002	J		<0.0045	U	
		VMP-12-5-081514	8/15/2014	0.0027	J		0.0021	J		<0.0069	J	U	<0.0069	U		0.1			<0.0036	U		0.005	J		0.0017	J	
		VMP-12-5-110714	11/10/2014	<0.0078	U		<0.0081	U		<0.0071	J	U	<0.0071	U		0.0016	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-12-5-021115	2/11/2015	<0.0068	U		<0.0071	U		0.06			0.019			0.0037	J		<0.0032	U		0.03			0.014		
		VMP-12-5-050715	5/7/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-12-5-073115	7/31/2015	<0.0072	U		<0.0076	U		0.034			0.0062	J		0.34			<0.0034	U		0.012			0.0017	J	
		VMP-12-5-110415	11/4/2015	<0.0073	U		0.0026	J		0.82			0.044			1.7			<0.0035	U		0.058			0.0031	J	
		VMP-12-5-020316	2/3/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-12-5-050416	5/4/2016	<0.0085	U		<0.0089	U		<0.0078	U		<0.0078	U		<0.0074	U		<0.004	U		<0.0069	U		<0.0069	U	
		VMP-12-5-080316	8/3/2016	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0065			<0.0035	U		0.0013	J		<0.0059	U	
		VMP-12-5-103116	10/31/2016	0.0042	J		0.0012	J		0.0061	J		<0.0065	U		0.0028	J		<0.0034	U		0.37			0.08		
	11.5 ft	VMP-12-11.5	11/13/2009	<30	U		<31	U		<27	U		<27	U		1500			<14	U		<24	U		<24	U	
		VMP-12-11.5-090310	9/3/2010	<9.3	U		<9.7	U		<8.5	U		<8.5	U		1700			<4.4	U		<7.5	U		<7.5	U	
		VMP-12-11.5-120310	12/3/2010	<8	U		<8.4	U		<7.3	U		<7.3	U		910			<3.8	U		<6.5	U		<6.5	U	
		VMP-12-11.5-021511	2/15/2011	<7.2	U		<7.5	U		<6.6	U		<6.6	U		1300			<3.4	U		<5.8	U		<5.8	U	
		VMP-12-11.5-021511-DUP	2/15/2011	<6.2	U		<6.5	U		<5.7	U		<5.7	U		1100			<3	U		<5	U		<5	U	
		VMP-12-11.5-041911	4/19/2011	<22	U		<23	U		<20	U		<20	U		1200			<10	U		<18	U		<18	U	
		VMP-12-11.5-080411	8/4/2011	<7.6	U		<7.9	U		<6.9	U		<6.9	U		420			<3.6	U		<6.1	U		<6.1	U	
		VMP-12-11.5-111611	11/16/2011	<0.06	U		<0.063	U		<0.055	U		<0.055	U		4.7			<0.029	U		<0.049	U		<0.049	U	
		VMP-12-11.5-012412	1/24/2012	<0.56	U		<0.59	U		<2.1	U		<0.52	U		64			<0.27	U		0.13	J		<0.46	U	
		VMP-12-11.5-041912	4/19/2012	<0.051	U		<0.054	U		<0.047	U		<0.047	U		15			<0.024	U		<0.041	U		<0.041	U	
		VMP-12-11.5-082012	8/20/2012	<0.0081	U		0.0022	J	J	0.0056	J		0.0028	J		0.012			<0.0039	U		0.0038	J		0.0022	J	
		VMP-12-11.5-102612	10/26/2012	<0.0078	U		<0.0081	U		0.0017	J		<0.0071	U		0.02			<0.0037	U		0.0022	J		<0.0063	U	
		VMP-12-11.5-021813	2/18/2013	0.0019	J		<0.0081	U		<0.0071	U		<0.0071	U		0.0016	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-12-11.5-051013	5/10/2013	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.22			<0.0035	U		<0.006	U		<0.006	U	
		VMP-12-11.5-081213	8/12/2013	0.0014	J		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U	UJ	<0.0063	U		<0.0063	U	
		VMP-12-11.5-111413	11/14/2013	<0.0072	U		0.0013	J		<0.0066	U		<0.0066	U		0.0034	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-12-11.5-022814	2/28/2014	<0.0066	U		0.0012	J		0.036			0.015			0.0014	J		<0.0032	U		0.015			0.0081		
		VMP-12-11.5-050214	5/2/2014	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.0011	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-12-11.5-081514	8/15/2014	<0.0073	U		0.0025	J		<0.0067	J	U	<0.0067	U		0.0056	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-12-11.5-110714	11/7/2014	<0.015	U		<0.016	U		0.36			0.056			0.052			<0.0072	U		0.01	J		<0.012	U	
		VMP-12-11.5-021115	2/11/2015	<0.0066	U		<0.0069	U		<0.006	J	U	<0.006	J	U	0.025			<0.0031	U		0.003	J		<0.0053	U	
		VMP-12-11.5-050715	5/7/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-12-11.5-073115	7/31/2015	<0.0081	U		<0.0084	U		0.0061	J		0.0014	J		<0.007	U		<0.0038	U		0.0026	J		0.0013	J	
		VMP-12-11.5-110415	11/4/2015	<0.0062	U		<0.0064	U		<0.0056		U	<0.0056	J	U	0.32			<0.0029	U		0.0037	J		0.0027	J	
		VMP-12-11.5-020316	2/3/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0063			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-12-11.5-050416	5/4/2016	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-12-11.5-080316	8/3/2016	<0.0082	U		<0.0085	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-12-11.5-110316	11/3/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0044	J		<0.0034	U		<0.0058	U		<0.0058	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	25 ft	VMP-12-25	11/13/2009	<61	U		<63	U		<56	U		<56	U		1600			<29	U		<49	U		<49	U	
		VMP-12-25-090310	9/3/2010	<12	U		<12	U		<11	U		<11	U		1300			<5.6	U		<9.6	U		<9.6	U	
		VMP-12-25-120310	12/3/2010	<0.58	U		<0.61	U		<0.54	U		<0.54	U		120			<0.28	U		<0.47	U		<0.47	U	
		VMP-12-25-021511	2/15/2011	<14	U		<15	U		<13	U		<13	U		990			<6.8	U		5.8	J		<12	U	
		VMP-12-25-041911	4/19/2011	<23	U		<24	U		<21	U		<21	U		980			<11	U		<19	U		<19	U	
		VMP-12-25-080411	8/4/2011	<15	U		<15	U		<14	U		<14	U		720			<7	U		<12	U		<12	U	
		VMP-12-25-111611	11/16/2011	<17	U		<18	U		<15	U		<15	U		940			<8	U		<14	U		<14	U	
		VMP-12-25-012412	1/24/2012	<6.4	U		<6.7	U		<24	U		<5.9	U		1200		J	<3.1	U		<5.2	U		<5.2	U	
		VMP-12-25-012412-DUP	1/24/2012	<47	U		<49	U		<170	U		<43	U		1200			<22	U		<38	U		<38	U	
		VMP-12-25-041912	4/19/2012	<4.9	U		<5.1	U		<4.5	U		<4.5	U		520			<2.3	U		<4	U		<4	U	
		VMP-12-25-072712	7/27/2012	<5.4	U		<5.6	U		<4.9	U		<4.9	U		450			<2.6	U		<4.4	U		<4.4	U	
		VMP-12-25-072712-Dup	7/27/2012	<5.4	U		<5.6	U		<4.9	U		<4.9	U		540			<2.6	U		<4.4	U		<4.4	U	
		VMP-12-25-102512	10/25/2012	<2.3	U		<2.4	U		<2.1	U		<2.1	U		140			<1.1	U		<1.9	U		<1.9	U	
		VMP-12-25-021513	2/15/2013	2.1	J	J	<4.5	U		<4	U		<4	U		1200		J	<2	U		<3.5	U		<3.5	U	
		VMP-12-25-051013	5/10/2013	<14	U		<15	U		<13	U		<13	U		1900			<6.8	U		<12	U		<12	U	
		VMP-12-25-081213	8/12/2013	4.1	J		<7.8	U		<6.8	U		<6.8	U		1500			<3.5	U		<6	U		<6	U	
		VMP-12-25-111413	11/14/2013	<0.14	U		<0.15	U		<0.13	U		<0.13	U		41			<0.068	U		<0.12	U		<0.12	U	
		VMP-12-25-022814	2/28/2014	<0.14	U		<0.15	U		<0.13	U		<0.13	U		120			<0.068	U		0.037	J		<0.12	U	
		VMP-12-25-050214	5/2/2014	<0.0077	U		<0.0081	U		0.75			0.15			1.3			<0.0037	U		0.083			0.0052	J	
		VMP-12-25-081514	8/15/2014	<0.0081	U		0.0026	J		<0.0074	U		<0.0074	U		0.0018	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-12-25-110714	11/7/2014	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-12-25-021115	2/11/2015	<0.006	U		<0.0063	U		<0.0055	U		<0.0055	J	U	0.00094	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-12-25-050715	5/7/2015	<0.008	U		<0.0084	U		0.0052	J		<0.0073	J	U	<0.007	U		<0.0038	U		0.0016	J		<0.0065	U	
		VMP-12-25-073115	7/31/2015	<0.0087	U		<0.0091	U		<0.008	U		<0.008	U		0.046			<0.0041	U		<0.007	U		<0.007	U	
		VMP-12-25-110415	11/4/2015	<0.0072	U		<0.0075	U		1.8			0.25			1			<0.0034	U		0.16			0.011		
		VMP-12-25-021616	2/16/2016	<0.0068	U		0.0017	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-12-25-021616-DUP	2/16/2016	<0.0074	U		0.0018	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-12-25-050416	5/4/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.013			<0.0034	U		0.0036	J		0.0011	J	
		VMP-12-25-080316	8/3/2016	<0.0074	U		0.0015	J		0.067			<0.0068	U		0.1			<0.0035	U		<0.006	U		<0.006	U	
		VMP-12-25-103116	10/31/2016	<0.0072	U		<0.0076	U		0.083			0.0038	J		0.028			<0.0034	U		0.0068			0.0016	J	
		VMP-12-25-103116-Dup	10/31/2016	<0.0068	U		<0.0071	U		0.065			0.0025	J		0.02			<0.0032	U		0.0088			0.002	J	
	39 ft	VMP-12-39	11/13/2009	<64	U		<66	U		<58	U		<58	U		1500			<30	U		<51	U		<51	U	
		VMP-12-39-041911	4/19/2011	<23	U		<24	U		<21	U		<21	U		1100			<11	U		<18	U		<18	U	
		VMP-12-39-012412	1/24/2012	<47	U		<49	U		<170	U		<43	U		1200			<22	U		<38	U		<38	U	
		VMP-12-39-041912	4/19/2012	<24	U		<24	U		<22	U		<22	U		680			<11	U		4	J		<19	U	
		VMP-12-39-072612	7/26/2012	<11	U		<11	U		<9.9	U		<9.9	U		1000			<5.1	U		<8.7	U		<8.7	U	
		VMP-12-39-102412	10/24/2012	<28	U		<30	U		<26	U		<26	U		770			<14	U		10	J		2.1	J	
		VMP-12-39-021513	2/15/2013	6.4	J		<14	U		16			<12	U		3600			<6.2	U		21			<10	U	
		VMP-12-39-051013	5/10/2013	<22	U		<24	U		4.7	J	J	<20	U		2000			<11	U		8.8	J		<18	U	
		VMP-12-39-081213	8/12/2013	<9.8	U		<10	U		<9	U		6.3	J		2200			<4.7	U		26			2.2	J	
		VMP-12-39-111413	11/14/2013	<24	U		<24	U		<22	U		<22	U		2900			<11	U		1.8	J		<19	U	
		VMP-12-39-022814	2/28/2014	<3.2	U		<3.4	U		<2.9	U		<2.9	U		2400			<1.5	U		3.7			1.1	J	
		VMP-12-39-050214	5/2/2014	<3.5	U		<3.6	U		<3.2	U		<3.2	U		1900			<1.7	U		<2.8	U		<2.8	U	
		VMP-12-39-081514	8/15/2014	<8.4	U		<8.8	U		2.2	J		<7.7	U		1700			<4	U		2	J		<6.8	U	
		VMP-12-39-081514-Dup	8/15/2014	<7.2	U		<7.6	U		<6.6	U		<6.6	U		1600			<3.4	U		1.2	J		<5.9	U	
		VMP-12-39-110714	11/7/2014	<3.6	U		<3.8	U		0.98	J	J	<3.3	U		1400			<1.7	U		<2.9	U	UJ	<2.9	U	
		VMP-12-39-021115	2/11/2015	<1.8	U		<1.9	U		<1.6	U		<1.6	U		1300			<0.85	U		<1.4	U		<1.4	U	
		VMP-12-39-050715	5/7/2015	2	J		<4.1	U		0.87	J		<3.6	U		720			<1.9	U		4.4			1.6	J	
		VMP-12-39-050715-DUP	5/7/2015	1.2	J		<3.8	U		<3.3	U		<3.3	U		720			<1.7	U		3.5			1.3	J	
		VMP-12-39-061515-Dup-R	6/15/2015	<0.067	U		<0.07	U		<0.061	U		<0.061	U		200	S	J	<0.032	U		<0.054	U		<0.054	U	
		VMP-12-39-061515-R	6/15/2015	<0.077	U		<0.081	U		<0.07	U		0.034	J		230	S	J	<0.037	U		0.022	J		<0.062	U	
		VMP-12-39-073115	7/31/2015	<1.6	U		<1.7	U		<1.5	U		<1.5	U		1700			<0.77	U		0.29	J		<1.3	U	
		VMP-12-39-073115-DUP	7/31/2015	<4.4	U		<4.6	U		<4	U		<4	U		1600			<2.1	U		0.48	J		<3.6	U	
		VMP-12-39-110415	11/4/2015	<2.7	U		<2.9	U		0.4	J		<2.5	U		950			<1.3	U		1.3	J		0.5	J	
		VMP-12-39-020316	2/3/2016	<20	U		<21	U		<18	U		1.8	J		2200			<9.6	ND,UJ	UJ	<16	U		<16	U	
		VMP-12-39-050416	5/4/2016	<6.9	U		<7.2	U		<6.3	U		<6.3	U		3700			<3.3	U		<5.6	U		<5.6	U	
		VMP-12-39-080316	8/3/2016	<6	U		<6.3	U		<5.5	U		<5.5	U		4100			<2.9	U		1	J		<4.9	U	
		VMP-12-39-110316	11/3/2016	<16	U		<16	U		<14	U		<14	U		2000			<7.4	U		2.8	J		<13	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	<13	U		<14	U		<12	U		<12	U		28			<6.2	U		<10	U		<10	U	
		VMP 13-5-091310	9/13/2010	<0.047	U		<0.049	U		<0.043	U		<0.043	U		0.073			<0.022	U		0.0064	J		<0.038	U	
		VMP-13-5-120110	12/1/2010	<0.0063	J	U	0.0015	J		0.037			0.0091			0.13			<0.003	U		0.11			0.037		
		VMP-13-5-021811	2/18/2011	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0028	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-13-5-040511	4/5/2011	0.006	J		<0.016	U		<0.014	U		<0.014	U		0.012	J		<0.007	U		<0.012	U		<0.012	U	
		VMP-13-5-080911	8/9/2011	<0.016	U		<0.017	U		0.0049	J		0.0018	J		2.9		J	<0.0076	U		0.0073	J		0.0018	J	
		VMP-13-5-080911-DUP	8/9/2011	<0.014	U		<0.015	U		0.0028	J		<0.013	U		1.8		J	<0.0067	U		0.005	J		0.0016	J	
		VMP-13-5-111411	11/14/2011	0.00096	J		<0.0052	U		0.00072	J		<0.0045	U		0.0044			<0.0024	U		0.0019	J		0.00065	J	
		VMP-13-5-012712	1/27/2012	<0.042	U		<0.044	U		<0.15	U		<0.038	U		0.19		J	<0.02	U		<0.034	U		<0.034	U	
		VMP-13-5-042012	4/20/2012	<0.0048	U		0.0015	J		<0.0044	U		<0.0044	U		0.0015	J		<0.0023	U		0.0037	J		<0.0039	U	
		VMP-13-5-071912	7/19/2012	<0.005	U		0.0026	J	J	0.0071			0.002	J		0.0041	J		<0.0024	U		0.009			0.0046		
		VMP-13-5-071912-Dup	7/19/2012	<0.005	U		0.0024	J	J	0.0083			0.0022	J		0.004	J		<0.0024	U		0.0098			0.0047		
		VMP-13-5-100912	10/9/2012	<0.0078	U		0.0015	J		<0.0071	U		<0.0071	U		0.043			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-13-5-012913	1/29/2013	<0.0084	U		0.0019	J		<0.0076	U		<0.0076	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-13-5-050113	5/1/2013	<0.0073	U		0.001	J		<0.0067	U		<0.0067	U		0.071			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-13-5-073113	7/31/2013	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0085			<0.0037	U		0.006			0.0026	J	
		VMP-13-5-111513	11/15/2013	<0.0074	U		0.0012	J		0.0036	J		0.0011	J		<0.0064	U		<0.0035	U		0.00078	J		<0.006	U	
		VMP-13-5-022114	2/21/2014	<0.0059	U		0.0012	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-13-5-050114	5/1/2014	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.0041	J		<0.0032	U		0.0044	J		0.0014	J	
		VMP-13-5-080814	8/8/2014	<0.0066	U		0.0021	J		<0.006	J	U	<0.006	J	U	<0.0057	U		<0.0031	U		0.00058	J		<0.0053	U	
		VMP-13-5-103014	10/30/2014	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-13-5-020515	2/5/2015	<0.0074	U		0.0015	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-13-5-043015	4/30/2015	<0.0071	J	U	<0.0075	U		0.0011	J		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-13-5-072715	7/27/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		0.0014	J		<0.0061	U	
		VMP-13-5-110215	11/2/2015	<0.0061	U		0.0013	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-13-5-012616	1/26/2016	<0.0062	U		0.0021	J		<0.0057	U		<0.0057	U		0.0021	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-13-5-050316	5/3/2016	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-13-5-072916	7/29/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-13-5-110216	11/2/2016	<0.0067	U		<0.007	U		0.0059	J		<0.0062	U		0.0011	J		<0.0032	U		0.076			0.019		
	10.5 ft	VMP-13-10.5	11/17/2009	<1.6	U		<1.7	U		<1.5	U		<1.5	U		2.6			<0.76	U		<1.3	U		<1.3	U	
		VMP-13-10.5-D	11/17/2009	<1.7	U		<1.7	U		<1.5	U		<1.5	U		2.8			<0.79	U		<1.3	U		<1.3	U	
		VMP 13-10.5-091310	9/13/2010	<0.018	U		<0.018	U		<0.016	U		<0.016	U		0.38			<0.0083	U		<0.014	U		<0.014	U	
		VMP 13-10.5-091310-Dup	9/13/2010	<0.017	U		<0.018	U		<0.016	U		<0.016	U		0.4			<0.0081	U		0.0025	J		<0.014	U	
		VMP-13-10.5-120110	12/1/2010	<0.007	J	U	0.0015	J		<0.0064	U		<0.0064	U		0.081			<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-13-10.5-120110-DUP	12/1/2010	<0.0072	J	U	0.0013	J		<0.0066	U		<0.0066	U		0.097			<0.0034	U		<0.0059	J	U	<0.0059	U	
		VMP-13-10.5-021811	2/18/2011	<2.9	U		<3	U		<2.6	U		<2.6	U		17			<1.4	U		<2.3	U		<2.3	U	
		VMP-13-10.5-021811-DUP	2/18/2011	<2.8	U		<2.9	U		<2.5	U		<2.5	U		18			<1.3	U		<2.2	U		<2.2	U	
		VMP-13-10.5-040511-DUP	4/5/2011	<0.0074	J	U	0.00087	J		<0.0068	U		<0.0068	U		0.0012	J		<0.0035	U		0.00081	J		<0.006	U	
		VMP-13-10.5-080911	8/9/2011	<0.16	U		<0.17	U		<0.15	U		<0.15	U		34			<0.077	U		<0.13	U		<0.13	U	
		VMP-13-10.5-111411	11/14/2011	0.0012	J		<0.0049	U		0.0014	J		<0.0043	U		0.0017	J		<0.0022	U		0.0023	J		0.00073	J	
		VMP-13-10.5-012712	1/26/2012	<0.013	U		<0.014	U		<0.012	U		<0.012	U		0.052			<0.0062	U		<0.011	U		<0.011	U	
		VMP-13-10.5-012712-DUP	1/26/2012	<0.019	U		<0.02	U		<0.017	U		<0.017	U		0.08			<0.0089	U		<0.015	U		<0.015	U	
		VMP-13-10.5-042012	4/20/2012	<0.0047	U		0.0016	J		<0.0043	U		<0.0043	U		0.0014	J		<0.0022	U		0.0035	J		<0.0038	U	
		VMP-13-10.5-071912	7/19/2012	<0.005	U		0.0025	J	J	0.0018	J		<0.0046	J	U	0.01			<0.0024	U		0.0047			0.0019	J	
		VMP-13-10.5-100912	10/9/2012	<0.0066	U		0.0016	J		<0.0061	J	U	<0.0061	U		0.0022	J		<0.0032	U		0.0084			0.0039	J	
		VMP-13-10.5-100912-Dup	10/9/2012	<0.008	U		0.0014	J		<0.0073	U		<0.0073	U		0.0012	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-13-10.5-013013	1/30/2013	<0.0068	U		0.0011	J		<0.0062	U		<0.0062	U		0.001	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-13-10.5-050113	5/1/2013	<0.0075	U		0.0012	J		<0.0068	U		<0.0068	U		0.0076			<0.0036	U		0.0024	J		<0.006	U	
		VMP-13-10.5-073113	7/31/2013	<0.0047	U		<0.0049	U		0.0014	J		<0.0043	U		0.0098			<0.0022	U		0.0039			0.0023	J	
		VMP-13-10.5-092013	9/20/2013	0.0024	J		0.002	J		<0.0072	U		<0.0072	U		0.0039	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-13-10.5-111513	11/15/2013	<0.0076	U		<0.0079	U		0.02		J	0.0033	J		0.049		J	<0.0036	U		0.003	J		<0.0061	U	
		VMP-13-10.5-111513-Dup	11/15/2013	<0.0068	U		<0.0071	U		0.05		J	0.0077			0.096		J	<0.0032	U		0.0086			<0.0055	U	
		VMP-13-10.5-022114	2/21/2014	<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-13-10.5-050114	5/1/2014	<0.0059	U		<0.0062	U		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-13-10.5-080814	8/8/2014	<0.0074	U		0.0021	J		<0.0067	U		<0.0067	J	U	<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-13-10.5-103014	10/30/2014	0.0055	J		0.0043	J		0.0034	J		0.0036	J		0.0027	J		0.001	J		0.0036	J		0.0039	J	
		VMP-13-10.5-020515	2/5/2015	<0.0071	U		0.0015	J		<0.0065	J	U	<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-13-10.5-043015	4/30/2015	<0.0076	J	U	<0.0079	U		0.0021	J		<0.0069	U		0.0022	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-13-10.5-072715	7/27/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.048			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-13-10.5-110215	11/2/2015	<0.0064	U		0.0016	J		0.0011	J		<0.0058	U		0.003	J		<0.003	U		0.0034	J		0.0008	J	
		VMP-13-10.5-012616	1/26/2016	<0.0068	U		0.002	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-13-10.5-050316	5/3/2016	<0.0073	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-13-10.5-072916	7/29/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.022			<0.0037	U		0.0035	J		<0.0063	U	
		VMP-13-10.5-110216	11/2/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.018			<0.0037	U		0.047			0.012		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	21.5 ft	VMP-13-21.5	11/17/2009	<82	U		<85	U		<75	U		<75	U		<71	U		<39	U		<66	U		<66	U	
		VMP 13-21.5-091310	9/13/2010	<13	U		<14	U		<12	U		<12	U		43			<6.2	U		<10	U		<10	U	
		VMP-13-21.5-120110	12/1/2010	<25	U		<26	U		<23	U		<23	U		57			<12	U		<20	U		<20	U	
		VMP-13-21.5-021811	2/18/2011	<3.8	U		<3.9	U		<3.4	U		<3.4	U		15			<1.8	U		<3	U		<3	U	
		VMP-13-21.5-040511	4/5/2011	<5.4	U		<5.7	U		<5	U		<5	U		16			<2.6	U		<4.4	U		<4.4	U	
		VMP-13-21.5-080911	8/9/2011	<0.68	U		<0.71	U		<0.62	U		<0.62	U		55			<0.32	U		0.18	J		<0.55	U	
		VMP-13-21.5-111411	11/14/2011	<3.1	U		<3.2	U		<2.8	U		<2.8	U		33			<1.5	U		<2.5	U		<2.5	U	
		VMP-13-21.5-111411-DUP	11/14/2011	<3.1	U		<3.2	U		<2.8	U		<2.8	U		31			<1.5	U		<2.5	U		<2.5	U	
		VMP-13-21.5-012712	1/27/2012	<0.72	U		<0.75	U		<2.6	U		<0.66	U		29		J	<0.34	U		<0.58	U		<0.58	U	
		VMP-13-21.5-042012	4/20/2012	<0.08	U		<0.084	U		0.015	J		<0.073	U		6.9			<0.038	U		0.024	J		<0.065	U	
		VMP-13-21.5-071912	7/19/2012	<0.005	U		<0.0052	U		0.0014	J		<0.0046	J	U	1.4			<0.0024	U		0.0054			0.0022	J	
		VMP-13-21.5-100912	10/9/2012	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.3			<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-13-21.5-013013	1/30/2013	<0.008	U		0.001	J		<0.0073	U		<0.0073	U		0.0057	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-13-21.5-050113	5/1/2013	<0.0079	U		0.00096	J		<0.0072	U		<0.0072	U		0.01			<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-13-21.5-073113	7/31/2013	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.023			<0.0038	U		0.0027	J		<0.0064	J	U
		VMP-13-21.5-102813	10/28/2013	<0.0072	U		0.00097	J		<0.0066	U		<0.0066	U		0.0028	J		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-13-21.5-102813-Dup	10/28/2013	<0.0073	U		0.001	J		0.00096	J		<0.0067	U		0.005	J		<0.0035	U		0.001	J		0.00039	J	
		VMP-13-21.5-022114	2/21/2014	<0.14	U		<0.14	U		<0.12	U		<0.12	U		1.9			<0.065	U		<0.11	U		<0.11	U	
		VMP-13-21.5-050114	5/1/2014	<0.0057	U		0.0016	J		<0.0052	U		<0.0052	U		<0.005	U		<0.0027	U		<0.0046	U		<0.0046	U	
		VMP-13-21.5-080814	8/8/2014	<0.0071	U		0.0022	J		0.0034	J		<0.0065	J	U	0.0018	J		<0.0034	U		0.0031	J		<0.0057	U	
		VMP-13-21.5-103014	10/30/2014	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	J	U	<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-13-21.5-020515	2/5/2015	<0.0076	U		0.0014	J		<0.0069	J	U	<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-13-21.5-043015	4/30/2015	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		0.007	J		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-13-21.5-072715	7/27/2015	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		0.0017	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-13-21.5-112515	11/25/2015	<0.0066	U		0.0017	J		0.014			<0.006	J	U	0.031			<0.0031	U		0.0015	J		<0.0053	U	
		VMP-13-21.5-012616	1/26/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0036	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-13-21.5-050316	5/3/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.00067	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-13-21.5-050316-DUP	5/3/2016	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		0.00065	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-13-21.5-072916	7/29/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0017	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-13-21.5-110216	11/2/2016	<0.0068	U		0.0013	J		0.022			0.0067			0.033			<0.0032	U		0.76			0.16		
	29.5 ft	VMP-13-29.5	11/17/2009	<160	U		<170	U		<150	U		<150	U		<140	U		<76	U		<130	U		<130	U	
		VMP-13-29.5-021811	2/18/2011	<120	U		<120	U		<110	U		<110	U		<100	U		<55	U		<94	U		<94	U	
		VMP-13-29.5-040511	4/5/2011	<75	U		<79	U		<69	U		<69	U		41	J		<36	U		23	J		<61	U	
		VMP-13-29.5-013012	1/30/2012	<2.3	U		<2.4	U		0.3	J	J	<2.1	U		39		J	<1.1	U		7.8		J	2.1		J
		VMP-13-29.5-042012	4/20/2012	<3	U		<3.1	U		<2.8	U		<2.8	U		17			<1.4	U		1	J		<2.4	U	
		VMP-13-29.5-071912	7/19/2012	<8.6	U		<9	U		<7.9	U		<7.9	U		<7.5	U		<4.1	U		<7	U		<7	U	
		VMP-13-29.5-100912	10/9/2012	1.5	J		<8.5	U		<7.4	U	UJ	<7.4	U		4.5	J		<3.9	U		0.67	J		<6.6	U	
		VMP-13-29.5-013013	1/30/2013	<3.4	U		<3.6	U		<3.1	U		<3.1	U		<3	U		<1.6	U		<2.8	U		<2.8	U	
		VMP-13-29.5-050113	5/1/2013	<0.22	U		<0.24	U		<0.2	U		<0.2	U		<0.2	U		<0.11	U		<0.18	U		0.058	J	
		VMP-13-29.5-073113	7/31/2013	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		0.0075			<0.0038	U		0.0055	J		0.0027	J	
		VMP-13-29.5-102813	10/28/2013	<0.0073	U		0.0012	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		0.0007	J		<0.0059	U	
		VMP-13-29.5-022114	2/21/2014	<0.07	U		<0.073	U		<0.064	U		<0.064	U		1			<0.033	U		<0.057	U		<0.057	U	
		VMP-13-29.5-022114-Dup	2/21/2014	<0.067	U		<0.07	U		<0.061	U		<0.061	U		1			<0.032	U		0.0061	J		<0.054	U	
		VMP-13-29.5-050114	5/1/2014	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.0027	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-13-29.5-080814	8/8/2014	<0.007	U		0.0018	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-13-29.5-103014	10/30/2014	0.0038	J		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	J	U	<0.003	U		0.0016	J		<0.0051	U	
		VMP-13-29.5-020515	2/5/2015	<0.0065	U		0.0022	J		<0.006	J	U	<0.006	U		0.0035	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-13-29.5-043015	4/30/2015	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-13-29.5-072715	7/27/2015	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		0.002	J		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-13-29.5-072715-DUP	7/27/2015	<0.0083	U		<0.0086	U		<0.0076	U		<0.0076	U		0.0096			<0.0039	U		0.0028	J		<0.0067	U	
		VMP-13-29.5-110215	11/2/2015	<0.0058	U		0.0015	J		0.001	J		<0.0053	U		0.0012	J		<0.0027	U		0.00099	J		<0.0046	U	
		VMP-13-29.5-110215-DUP	11/2/2015	<0.006	U		0.002	J		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-13-29.5-012616	1/26/2016	<0.0063	U		0.0018	J		<0.0058	U		<0.0058	U		0.0013	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-13-29.5-050316	5/3/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0019	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-13-29.5-082616-R	8/29/2016	<0.006	U		0.0015	J		<0.0055	U		<0.0055	U		0.0024	J		<0.0028	U		<0.0048	J	U	<0.0048	U	
		VMP-13-29.5-110216	11/2/2016	0.0038	J		<0.0076	U		0.0042	J		<0.0066	U		0.011			<0.0034	U		0.023			0.0058		
		VMP-13-29.5-110216-Dup	11/2/2016	<0.0069	U		<0.0072	U		0.0042	J		<0.0063	U		0.01			<0.0033	U		0.018			0.0044	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5	11/20/2009	<0.014	U		<0.014	U		<0.013	U		<0.013	U		0.88			<0.006	U		<0.011	U		<0.011	U	
		VMP 14-5-091010	9/10/2010	<0.33	U		<0.35	U		<0.3	U		<0.3	U		19			<0.16	U		<0.27	U		<0.27	U	
		VMP-14-5-120110	12/1/2010	0.0016	J		0.0008	J		<0.0059	U		<0.0059	U		0.014			<0.0031	U		0.0005	J		<0.0052	U	
		VMP-14-5-021711	2/17/2011	<0.0071	U		<0.0074	U		<0.0065	J	U	<0.0065	U		0.62			<0.0034	U		<0.0057	J	U	<0.0057	U	
		VMP-14-5-040511	4/5/2011	<0.0072	J	U	0.0018	J		<0.0066	U		<0.0066	U		0.0042	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-14-5-080811	8/8/2011	<7.6	U		<7.9	U		<6.9	U		<6.9	U		120			<3.6	U		<6.1	U		<6.1	U	
		VMP-14-5-111411	11/14/2011	<0.019	U		<0.02	U		<0.017	U		<0.017	U		0.012	J		<0.009	U		<0.015	U		<0.015	U	
		VMP-14-5-042012	4/20/2012	<0.0046	U		0.00086	J		0.00076	J		<0.0042	U		0.077			<0.0022	U		0.0043			0.0014	J	
		VMP-14-5-072312	7/23/2012	<0.0055	U		0.0011	J		0.0076			0.0017	J		0.0032	J		<0.0026	U		0.025			0.0072		
		VMP-14-5-101012	10/10/2012	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.018			<0.0037	U		<0.0063	J	U	<0.0063	U	
		VMP-14-5-013113	1/31/2013	<0.0072	U		0.0012	J		<0.0066	U		<0.0066	U		0.0024	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-14-5-050113	5/1/2013	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		0.11			<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-14-5-111113	11/11/2013	0.0075	J		<0.0081	U		<0.0071	U		<0.0071	U		0.011			<0.0037	U		0.004	J		<0.0062	U	
		VMP-14-5-022614	2/26/2014	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	J	U	<0.0034	U		<0.0058	J	U	<0.0058	U	
		VMP-14-5-050114	5/1/2014	<0.0057	U		0.0021	J		0.00036	J		<0.0052	U		0.0015	J		<0.0027	U		0.00067	J		<0.0046	U	
		VMP-14-5-081114	8/11/2014	0.0036	J		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-14-5-103014	10/30/2014	<0.0068	U		0.0013	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-14-5-020615	2/6/2015	<0.0071	U		0.0016	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-14-5-043015	4/30/2015	<0.007	J	U	<0.0074	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-14-5-072915	7/29/2015	<0.0067	U		<0.007	U		0.0018	J		<0.0061	U		<0.0058	U		<0.0032	U		0.0023	J		<0.0054	U	
		VMP-14-5-110215	11/2/2015	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.0025	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-14-5-012616	1/26/2016	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0063	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-14-5-050316	5/3/2016	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP14-5-072916	7/29/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-14-5-110216	11/2/2016	<0.0075	U		<0.0078	U		0.0027	J		<0.0068	U		0.0055	J		<0.0036	U		0.056			0.014		
	11.5 ft	VMP-14-11.5	11/16/2009	<1.6	U		<1.7	U		<1.5	U		<1.5	U		200			<0.79	U		<1.3	U		<1.3	U	
		VMP 14-11.5-091010	9/10/2010	<5.1	U		<5.4	U		<4.7	U		<4.7	U		230			<2.4	U		<4.1	U		<4.1	U	
		VMP-14-11.5-120110	12/2/2010	<0.45	U		<0.47	U		<0.41	U		<0.41	U		36			<0.21	U		0.094	J		<0.36	U	
		VMP-14-11.5-120110-DUP	12/2/2010	<0.41	U		<0.43	U		<0.37	U		<0.37	U		36			<0.19	U		0.14	J		<0.33	U	
		VMP-14-11.5-021711	2/17/2011	<0.15	U		<0.16	U		<0.14	U		<0.14	U		17			<0.07	U		<0.12	U		<0.12	U	
		VMP-14-11.5-021711-DUP	2/17/2011	<0.15	U		<0.16	U		<0.14	U		<0.14	U		19			<0.07	U		<0.12	U		<0.12	U	
		VMP-14-11.5-040511	4/5/2011	<0.024	U		<0.025	U		0.0036	J		<0.022	U		21			<0.011	U		0.0041	J		<0.019	U	
		VMP-14-11.5-080811	8/8/2011	<0.75	U		<0.78	U		<0.68	U		<0.68	U		20			<0.36	U		<0.6	U		<0.6	U	
		VMP-14-11.5-111511	11/15/2011	<1.2	U		<1.2	U		<1.1	U		<1.1	U		25			<0.55	U		<0.94	U		<0.94	U	
		VMP-14-11.5-012612	1/26/2012	<4.7	U		<4.9	U		<17	U		<4.3	U		86			<2.2	U		<3.8	U		<3.8	U	
		VMP-14-11.5-042312	4/23/2012	<0.0049	U		<0.0051	U		0.00086	J		<0.0045	U		0.028			<0.0023	U		0.0063			0.0017	J	
		VMP-14-11.5-042312-Dup	4/23/2012	<0.0049	U		<0.0051	U		<0.0045	U		<0.0045	U		0.032			<0.0023	U		0.0046			0.0012	J	
		VMP-14-11.5-072512	7/25/2012	<1.7	U		<1.8	U		<1.6	U		<1.6	U		8.3			<0.82	U		<1.4	U		<1.4	U	
		VMP-14-11.5-101012	10/10/2012	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.014			<0.0035	U		<0.006	U		<0.006	U	
		VMP-14-11.5-013113	1/31/2013	<0.0069	U		0.0016	J		<0.0063	U		<0.0063	U		0.0047	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-14-11.5-050113	5/1/2013	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		0.0019	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-14-11.5-080113	8/1/2013	<0.0088	U		<0.0092	U		<0.008	U		<0.008	U		0.001	J		<0.0042	U		<0.0071	U		<0.0071	U	
		VMP-14-11.5-111113	11/11/2013	0.0033	J		<0.008	U		<0.007	U		<0.007	U		0.0057	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-14-11.5-022614	2/26/2014	<0.0067	U		<0.007	J	U	<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-14-11.5-050114	5/1/2014	<0.0065	U		<0.0068	U		0.00052	J		<0.0059	U		0.0038	J		<0.0031	U		0.00097	J		<0.0052	U	
		VMP-14-11.5-081114	8/11/2014	<0.007	U		0.0013	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		0.0032	J		<0.0057	U	
		VMP-14-11.5-103014	10/30/2014	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-14-11.5-020615	2/6/2015	<0.0066	U		0.0017	J		<0.006	J	U	<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-14-11.5-043015	4/30/2015	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		<0.0066	U		<0.0066	U	
		VMP-14-11.5-072915	7/29/2015	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		0.0029	J		<0.0064	U	
		VMP-14-11.5-110215	11/2/2015	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-14-11.5-012616	1/26/2016	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-14-11.5-050316	5/3/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0055	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-14-11.5-072916	7/29/2016	0.002	J		<0.0083	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-14-11.5-110216	11/2/2016	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0094			<0.0037	U		0.0026	J		<0.0062	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	20 ft	VMP-14-20	11/16/2009	<64	U		<67	U		<58	U		<58	U		160			<30	U		<52	U		<52	U	
		VMP 14-20-091010	9/10/2010	<78	U		<82	U		<72	U		<72	U		250			<37	U		<63	U		<63	U	
		VMP 14-20-091010-Dup	9/10/2010	<81	U		<85	U		<74	U		<74	U		240			<38	U		<66	U		<66	U	
		VMP-14-20-120110	12/2/2010	<210	U		<220	U		<190	U		<190	U		320			<100	U		<170	U		<170	U	
		VMP-14-20-021811	2/18/2011	<120	U		<120	U		<110	U		<110	U		220			<57	U		<96	U		<96	U	
		VMP-14-20-040511	4/5/2011	<51	U		<53	U		<47	U		<47	U		150			<24	U		<41	U		<41	U	
		VMP-14-20-080811	8/8/2011	<18	U		<19	U		<17	U		<17	U		220			<8.8	U		<15	U		<15	U	
		VMP-14-20-111511	11/15/2011	<96	U		<100	U		<88	U		<88	U		250			<46	U		<77	U		<77	U	
		VMP-14-20-012612	1/26/2012	<9.4	U		<9.8	U		<34	U		<8.6	U		280		J	<4.5	U		<7.6	U		<7.6	U	
		VMP-14-20-042312	4/23/2012	<5.1	U		<5.4	U		<4.7	U		<4.7	U		240			<2.4	U		<4.1	U		<4.1	U	
		VMP-14-20-072512	7/25/2012	<8.2	U		<8.6	U		<7.5	U		<7.5	U		190			<3.9	U		<6.6	U		<6.6	U	
		VMP-14-20-101612	10/16/2012	<38	U		<40	U		<35	U		<35	U		150			<18	U		29	J		4.6	J	
		VMP-14-20-013113	1/31/2013	<14	U		<14	U		<12	U		<12	U		140			<6.4	U		<11	U		<11	U	
		VMP-14-20-050113	5/1/2013	<0.082	U		<0.085	U		<0.075	U		<0.075	U		1.5		J	<0.039	U		<0.066	U		<0.066	U	
		VMP-14-20-050113-Dup	5/1/2013	<0.33	U		<0.34	U		<0.3	U		<0.3	U		4.3		J	<0.16	U		<0.26	U		<0.26	U	
		VMP-14-20-080113	8/1/2013	<0.084	U		<0.087	U		<0.076	U		<0.076	U		1			<0.04	U		<0.068	U		<0.068	U	
		VMP-14-20-111113	11/11/2013	<0.072	U		<0.076	U		<0.066	U		<0.066	U		19			<0.034	U		<0.059	U		<0.059	U	
		VMP-14-20-022614	2/26/2014	<0.0065	J	U	<0.0068	J	U	<0.0059	U		<0.0059	U		0.75			<0.0031	U		<0.0052	J	U	<0.0052	U	
		VMP-14-20-050114	5/1/2014	<0.0066	U		<0.0069	U		0.00044	J		<0.006	U		1.2			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-14-20-081114	8/11/2014	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.068			<0.0033	U		0.0021	J		<0.0057	U	
		VMP-14-20-103014	10/30/2014	<0.0067	U		<0.007	U		0.0035	J		<0.0062	J	U	1.2			<0.0032	U		0.0028	J		0.0025	J	
		VMP-14-20-020615	2/6/2015	<0.0074	U		0.0012	J		<0.0067	J	U	<0.0067	U		0.18			<0.0035	U		0.00089	J		<0.0059	U	
		VMP-14-20-043015	4/30/2015	<0.007	U		<0.0073	U		<0.0064	J	U	<0.0064	U		0.0045	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-14-20-072915	7/29/2015	<0.0075	U		<0.0078	U		0.0011	J		<0.0068	U		0.018			<0.0036	U		0.0019	J		0.0014	J	
		VMP-14-20-110215	11/2/2015	<0.0067	U		0.0014	J		<0.0061	U		<0.0061	U		0.15			<0.0032	U		0.002	J		0.0015	J	
		VMP-14-20-012616	1/26/2016	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		0.021			<0.0032	U		0.0013	J		<0.0054	U	
		VMP-14-20-050416	5/4/2016	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.097			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-14-20-072916	7/29/2016	<0.0084	U		<0.0088	U		<0.0077	U		<0.0077	U		0.013			<0.004	U		<0.0068	U		<0.0068	U	
	29 ft	VMP-14-29	11/16/2009	<250	U		<260	U		<230	U		<230	U		370			<120	U		<200	U		<200	U	
		VMP-14-29-021811	2/18/2011	<170	U		<180	U		<160	U		<160	U		320			<82	U		<140	U		<140	U	
		VMP-14-29-040511	4/5/2011	<150	U		<160	U		<140	U		<140	U		280			<70	U		<120	U		<120	U	
		VMP-14-29-012612	1/26/2012	<170	U		<180	U		<620	U		<150	U		330			<80	U		<140	U		<140	U	
		VMP-14-29-042312	4/23/2012	<60	U		<63	U		<55	U		<55	U		260			<29	U		<49	U		<49	U	
		VMP-14-29-072512	7/25/2012	<63	U		<66	U		<58	U		<58	U		260			<30	U		<51	U		<51	U	
		VMP-14-29-101612	10/16/2012	<94	U		<99	U		<86	U		<86	U		140			<45	U		31	J		<76	U	
		VMP-14-29-013113-DUP	1/31/2013	<130	U		<130	U		<120	U		<120	U		160		J	<60	U		<100	U	UJ	<100	U	
		VMP-14-29-013113	1/31/2013	<53	U		<55	U		<48	U		<48	U		470		J	<25	U		19	J	J	<43	U	
		VMP-14-29-050213	5/2/2013	<53	U		<56	U		<49	U		<49	U		560			<25	U		19	J		<43	U	
		VMP-14-29-080113	8/1/2013	<40	U		<42	U		<36	U		<36	U		750			<19	U		23	J		<32	U	
		VMP-14-29-111113	11/11/2013	1.8			<1.2	U		0.47	J		<1.1	U		320			<0.55	U		4			1.1		
		VMP-14-29-022614	2/26/2014	<1.2	U		<1.3	U		<1.1	U		<1.1	U		180			<0.58	U		0.61	J		<0.99	U	
		VMP-14-29-022614-Dup	2/26/2014	<0.66	U		<0.69	U		0.26	J		0.38	J		190			<0.32	U		0.68			0.19	J	
		VMP-14-29-050114	5/1/2014	<0.08	U		<0.084	U		0.092			0.26			61			<0.038	U		0.25			0.12		
		VMP-14-29-050114-Dup	5/1/2014	<0.08	U		<0.083	U		0.09			0.27			58			<0.038	U		0.26			0.12		
		VMP-14-29-081114	8/11/2014	<0.0074	U		0.0019	J	J	<0.0068	U		<0.0068	U		0.1		J	<0.0035	U		<0.006	U		<0.006	U	
		VMP-14-29-081114-DUP	8/11/2014	<0.0076	U		0.0014	J		<0.007	U		<0.007	U		0.1			<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-14-29-103014	10/30/2014	<0.0066	U		<0.0068	U		0.0018	J		<0.006	J	U	<0.0057	U		<0.0031	U		0.00056	J		<0.0053	U	
		VMP-14-29-020615	2/6/2015	<0.0071	U		0.0014	J		<0.0065	U		<0.0065	U		0.0016	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-14-29-043015	4/30/2015	<0.0065	J	U	<0.0068	J	U	0.17		J	0.041		J	0.0084			<0.0031	U		0.42		J	0.2		J
		VMP-14-29-043015-DUP	4/30/2015	0.0019	J		0.0015	J		0.01		J	0.0031	J	J	0.007			<0.0027	U		0.036		J	0.016		J
		VMP-14-29-072915	7/29/2015	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-14-29-110215	11/2/2015	<0.0068	U		<0.0072	U		0.0016	J		0.00083	J		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-14-29-012616	1/26/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0063			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-14-29-012616-DUP	1/26/2016	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.0064			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-14-29-050316	5/3/2016	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		0.036			<0.0036	U		0.018			0.0056	J	
		VMP-14-29-072916	7/29/2016	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-14-29-072916-DUP	7/29/2016	<0.0062	U		<0.0064	U		<0.0056	J	U	0.00096	J		0.00084	J		<0.0029	U		0.0024	J		0.0012	J	
		VMP-14-29-110216	11/2/2016	<0.0074	U		0.0014	J		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	5 ft	VMP-15-5	11/18/2009	<0.006	U		<0.007	U		<0.006	U		<0.006	U		<0.005	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-15-5-D	11/18/2009	<0.006	U		<0.007	U		<0.006	U		<0.006	U		<0.005	U		<0.003	U		<0.005	U		<0.005	U	
		VMP 15-5-091410	9/14/2010	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.028			<0.0032	U		0.0011	J		<0.0055	U	
		VMP-15-5-113010	11/30/2010	<0.16	U		<0.17	U		<0.15	U		<0.15	U		56			<0.076	U		<0.13	U		<0.13	U	
		VMP-15-5-021611	2/16/2011	<0.15	U		<0.16	U		0.017	J		<0.14	U		39			<0.072	U		0.023	J		<0.12	U	
		VMP-15-5-042011	4/20/2011	<0.35	U		<0.37	U		<0.32	U		<0.32	U		65			<0.17	U		<0.29	U		<0.29	U	
		VMP-15-5-080811	8/8/2011	<0.008	U		0.0015	J		0.0034	J		<0.0073	J	U	0.0031	J		<0.0038	U		0.004	J		0.0016	J	
		VMP-15-5-111511	11/15/2011	<0.0089	U		<0.0093	U		0.0018	J		<0.0082	U		0.096			<0.0042	U		0.005	J		0.0011	J	
		VMP-15-5-020112	2/1/2012	<0.046	U		<0.048	U		0.013	J	J	<0.042	U		0.026	J		<0.022	U		0.0099	J		<0.037	U	
		VMP-15-5-042412	4/24/2012	<0.047	U		<0.049	U		<0.043	U		<0.043	U		0.18			<0.022	U		<0.038	U		<0.038	U	
		VMP-15-5-072512	7/25/2012	<0.0053	U		0.0016	J		0.0039	J		0.0018	J		0.0012	J		<0.0025	U		0.0085			0.0039	J	
		VMP-15-5-102512	10/25/2012	<0.008	U		<0.0083	U		<0.0073	J	U	<0.0073	U		0.019			<0.0038	U		0.0041	J		0.0015	J	
		VMP-15-5-020513	2/5/2013	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0062	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-15-5-050913	5/9/2013	<0.0085	U		<0.0089	U		<0.0078	U		<0.0078	U		0.0028	J		<0.004	U		<0.0069	U		<0.0069	U	
		VMP-15-5-080813	8/8/2013	<0.008	U		0.00078	J		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-15-5-111113	11/11/2013	0.0018	J		<0.0071	U		0.081			0.03			0.01			<0.0032	U		0.034			0.013		
		VMP-15-5-022714	2/27/2014	<0.007	U		<0.0074	U		0.0024	J		<0.0064	U		0.073			<0.0033	U		0.0006	J		<0.0057	U	
		VMP-15-5-050514	5/5/2014	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0027	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-15-5-081414	8/14/2014	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-15-5-110614	11/6/2014	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-15-5-020615	2/6/2015	<0.0069	U		<0.0072	U		0.001	J		<0.0063	U		0.0015	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-15-5-050415	5/4/2015	<0.0065	U		<0.0068	U		0.0041	J		0.0012	J		0.008			<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-15-5-072915	7/29/2015	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.07			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-15-5-110415	11/4/2015	<0.0073	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-15-5-020316	2/3/2016	<0.014	U		<0.015	U		<0.013	U		<0.013	U		3.5			<0.0066	U		<0.011	U		<0.011	U	
		VMP-15-5-050316	5/3/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-15-5-080216	8/2/2016	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0032	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-15-5-110116	11/1/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		0.0032	J		<0.0058	U	
	21.5 ft	VMP-15-21.5	11/18/2009	<3.1	U		<3.2	U		<2.8	U		<2.8	U		1000			<1.4	U		<2.5	U		<2.5	U	
		VMP 15-21.5-091410	9/14/2010	<0.74	U		<0.77	U		<0.67	U		<0.67	U		300			<0.35	U		<0.59	U		<0.59	U	
		VMP-15-21.5-113010	11/30/2010	<0.86	U		<0.9	U		<0.79	U		<0.79	U		440			<0.41	U		<0.7	U		<0.7	U	
		VMP-15-21.5-021611	2/16/2011	<0.6	U		<0.63	U		<0.55	U		<0.55	U		430			<0.29	U		<0.49	U		<0.49	U	
		VMP-15-21.5-042011	4/20/2011	<0.94	U		<0.99	U		<0.86	U		<0.86	U		580			<0.45	U		<0.76	U		<0.76	U	
		VMP-15-21.5-080811	8/8/2011	<0.76	U		<0.79	U		<0.69	U		<0.69	U		310			<0.36	U		<0.61	U		<0.61	U	
		VMP-15-21.5-111511	11/15/2011	<0.6	U		<0.63	U		<0.55	U		<0.55	U		170			<0.29	U		<0.49	U		<0.49	U	
		VMP-15-21.5-020112	2/1/2012	<0.45	U		<0.47	U		<1.6	U	UJ	<0.41	U		320		J	<0.21	U		<0.36	U		<0.36	U	
		VMP-15-21.5-042412	4/24/2012	<0.2	U		<0.2	U		<0.18	U		<0.18	U		210			<0.094	U		<0.16	U		<0.16	U	
		VMP-15-21.5-072512	7/25/2012	<0.71	U		<0.74	U		<0.65	U		<0.65	U		260			<0.34	U		<0.58	U		<0.58	U	
		VMP-15-21.5-102512	10/25/2012	0.28	J		<1.2	U		<1.1	U		<1.1	U		110			<0.55	U		<0.94	U		<0.94	U	
		VMP-15-21.5-102512-Dup	10/25/2012	0.28	J		<1.2	U		<1.1	U		<1.1	U		110			<0.57	U		<0.97	U		<0.97	U	
		VMP-15-21.5-020713	2/7/2013	<0.03	U		<0.031	U		<0.027	U		<0.027	U		6.4			<0.014	U		<0.024	U		<0.024	U	
		VMP-15-21.5-051513	5/15/2013	<0.67	U		<0.7	U		<0.61	U		<0.61	U		200			<0.32	U		2			0.7		
		VMP-15-21.5-080813	8/8/2013	<0.15	U		<0.16	U		<0.14	U		<0.14	U		190			<0.071	U		<0.12	U		<0.12	U	
		VMP-15-21.5-111113	11/11/2013	0.0017	J		<0.0069	U		<0.006	U		<0.006	U		0.013			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-15-21.5-111113-Dup	11/11/2013	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.018			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-15-21.5-022714	2/27/2014	<0.0063	U		<0.0066	U		0.015			0.0046	J		0.023			<0.003	U		0.014			0.004	J	
		VMP-15-21.5-050514	5/5/2014	<0.0059	U		<0.0062	U		0.066			0.021			0.054			<0.0028	U		0.072			0.029		
		VMP-15-21.5-081414	8/14/2014	<0.08	U		<0.083	U		<0.073	U		<0.073	U		0.12			<0.038	U	UJ	<0.064	U		<0.064	U	
		VMP-15-21.5-110614	11/6/2014	<0.022	U		<0.023	U		<0.02	U		<0.02	U		3.8			<0.01	U		<0.018	U		<0.018	U	
		VMP-15-21.5-020615	2/6/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-15-21.5-050415	5/4/2015	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-15-21.5-072915	7/29/2015	<0.085	U		<0.089	U		<0.078	U		<0.078	U		15			<0.04	U		<0.069	U		<0.069	U	
		VMP-15-21.5-110415	11/4/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0015	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-15-21.5-020316	2/3/2016	<0.094	U		<0.099	U		<0.086	U		<0.086	U		20			<0.045	U		<0.076	U		<0.076	U	
		VMP-15-21.5-050316	5/3/2016	<0.0057	U		<0.006	U		<0.0052	U		<0.0052	U		0.0017	J		<0.0027	U		0.0026	J		<0.0046	U	
		VMP-15-21.5-080216	8/2/2016	<0.047	U		<0.049	U		<0.043	U		<0.043	U		8.9			<0.022	U		<0.038	U		<0.038	U	
		VMP-15-21.5-110116	11/1/2016	<0.011	U		<0.011	U		0.023			0.0025	J		4.3			<0.0051	U		0.019			0.0047	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	25.5 ft	VMP-15-25.5	11/18/2009	<3.2	U		<3.3	U		<2.9	U		<2.9	U		850			<1.5	U		<2.6	U		<2.6	U	
		VMP 15-25.5-091410	9/14/2010	<0.0069	U		0.001	J		<0.0063	U		<0.0063	U		0.17			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-15-25.5-021611	2/16/2011	<0.092	U		<0.097	U		<0.084	U		<0.084	U		29			<0.044	U		<0.075	U		<0.075	U	
		VMP-15-25.5-042011	4/20/2011	<0.076	U		<0.079	U		<0.069	U		<0.069	U		1.2		J	<0.036	U		<0.061	U		<0.061	U	
		VMP-15-25.5-042011-DUP	4/20/2011	<0.071	U		<0.074	U		<0.065	U		<0.065	U		1.6		J	<0.034	U		<0.057	U		<0.057	U	
		VMP-15-25.5-080811	8/8/2011	<0.076	U		<0.079	U		0.0099	J		<0.069	U		17			<0.036	U		0.016	J		<0.061	U	
		VMP-15-25.5-111511	11/15/2011	<0.023	U		<0.024	U		<0.021	U		<0.021	U		3			<0.011	U		0.0054	J		<0.019	U	
		VMP-15-25.5-073112	7/31/2012	<0.049	U		<0.051	U		<0.045	U		<0.045	U		29			<0.023	U		0.011	J		0.0058	J	
		VMP-15-25.5-102512	10/25/2012	<0.008	U		<0.0083	U		0.0029	J		0.0015	J		1.9			<0.0038	U		0.004	J		<0.0064	U	
		VMP-15-25.5-021213	2/12/2013	<0.24	U		<0.25	U		0.054	J		<0.22	U		140			<0.11	U		0.074	J		0.038	J	
		VMP-15-25.5-050913	5/9/2013	<3.2	U		<3.4	U		<2.9	U		<2.9	U		480			<1.5	U		<2.6	U		<2.6	U	
		VMP-15-25.5-080813	8/8/2013	0.0056	J		<0.008	U		<0.007	U		<0.007	U		0.24			<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-15-25.5-111113	11/11/2013	<0.0068	U		<0.0072	U		0.029			0.0082			0.027			<0.0032	U		0.0065			0.0034	J	
		VMP-15-25.5-022714	2/27/2014	<0.0065	U		<0.0068	U		<0.006	J	U	<0.006	U		0.34			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-15-25.5-050514	5/5/2014	<0.0064	U		<0.0066	U		0.0018	J		<0.0058	U		0.45			<0.003	U		0.0034	J		0.0011	J	
		VMP-15-25.5-081414	8/14/2014	<0.079	U		<0.083	U		<0.072	U		<0.072	U		13			<0.038	U	UJ	<0.064	U		<0.064	U	
		VMP-15-25.5-110614	11/6/2014	<0.026	U		<0.027	U		<0.023	U		<0.023	U		6.3			<0.012	U		0.0072	J		0.004	J	
		VMP-15-25.5-110614-DUP	11/6/2014	<0.023	U		<0.024	U		<0.021	U		<0.021	U		6.4			<0.011	U		0.0071	J		0.0046	J	
		VMP-15-25.5-020615	2/6/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		2			<0.0035	U		<0.006	U		<0.006	U	
		VMP-15-25.5-050415	5/4/2015	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.011			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-15-25.5-072915	7/29/2015	<0.094	U		<0.099	U		<0.086	J	U	<0.086	U		25			<0.045	U		0.03	J		0.011	J	
		VMP-15-25.5-110415	11/4/2015	<0.0066	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-15-25.5-020316	2/3/2016	<0.38	U		<0.39	U		<0.34	U		<0.34	U		18			<0.18	U		<0.3	U		<0.3	U	
		VMP-15-25.5-050316	5/3/2016	<0.018	U		<0.019	U		<0.016	U		<0.016	U		4.5			<0.0086	U		0.0079	J		<0.015	U	
		VMP-15-25.5-080216	8/2/2016	<0.076	U		<0.08	U		<0.07	U		<0.07	U		20			<0.036	U		0.016	J		<0.062	U	
		VMP-15-25.5-110116	11/1/2016	<0.049	U		<0.051	U		0.011	J		<0.044	U		22			<0.023	U		0.028	J		0.015	J	
		VMP-15-25.5-110116-Dup	11/1/2016	<0.05	U		<0.053	U		0.012	J		<0.046	U		23			<0.024	U		0.026	J		0.011	J	
	29 ft	VMP-15-29	11/19/2009	<4	U		<4.2	U		<3.7	U		<3.7	U		880			<1.9	U		<3.2	U		<3.2	U	
		VMP-15-29-073112	7/31/2012	<0.21	U		<0.22	U		<0.19	U		<0.19	U		150		J	<0.1	U		0.017	J	J	<0.17	U	
		VMP-15-29-102512	10/25/2012	<0.017	U		<0.017	U		0.0047	J		<0.015	U		3.4			<0.0079	U		0.0042	J		<0.013	U	
		VMP-15-29-021213	2/12/2013	<0.14	U		<0.15	U		<0.13	U		<0.13	U		110			<0.069	U		<0.12	U		<0.12	U	
		VMP-15-29-050913	5/9/2013	<1.6	U		<1.6	U		<1.4	U		<1.4	U		89			<0.75	U		<1.3	U		<1.3	U	
		VMP-15-29-080813	8/8/2013	<0.0076	U		0.0012	J		<0.0069	U		<0.0069	U		0.011			<0.0036	U		0.0007	J		<0.0061	U	
		VMP-15-29-111113	11/11/2013	<0.0072	U		<0.0076	U		0.09			0.033			0.63			<0.0034	U		0.0086			0.0059		
		VMP-15-29-022714	2/27/2014	<0.0065	U		<0.0068	U		0.059			0.011			0.095			<0.0031	U		0.028			0.016		
		VMP-15-29-022714-Dup	2/27/2014	<0.0064	U		<0.0067	U		0.066			0.012			0.095			<0.003	U		0.033			0.02		
		VMP-15-29-081414	8/14/2014	<0.078	U		<0.081	U		<0.071	U		<0.071	U		6.7			<0.037	U	UJ	<0.063	U		<0.063	U	
		VMP-15-29-110614	11/6/2014	<0.03	U		<0.031	U		<0.027	U		<0.027	U		4.9			<0.014	U		<0.024	U		<0.024	U	
		VMP-15-29-020615	2/6/2015	<0.0065	U		<0.0068	U		0.0011	J		<0.0059	U		0.74			<0.0031	U		0.0021	J		0.00093	J	
		VMP-15-29-020615-DUP	2/6/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.73			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-15-29-050415	5/4/2015	0.0024	J		<0.0079	U		<0.0069	J	U	<0.0069	J	U	0.041			<0.0036	U		0.0016	J		<0.0061	U	
		VMP-15-29-072915	7/29/2015	<0.1	U		<0.11	U		<0.097	U		<0.097	U		25			<0.05	U		0.016	J		<0.086	U	
		VMP-15-29-072915-DUP	7/29/2015	<0.088	U		<0.092	U		<0.081	U		<0.081	U		26			<0.042	U		0.017	J		<0.071	U	
		VMP-15-29-110415	11/4/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0057	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-15-29-020316	2/3/2016	<0.14	U		<0.15	U		<0.13	U		<0.13	U		23			<0.068	U		<0.12	U		<0.12	U	
		VMP-15-29-050316	5/3/2016	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.66			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-15-29-080216	8/2/2016	<0.095	U		<0.1	U		<0.087	U		<0.087	U		20			<0.045	U		<0.077	U		<0.077	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5	11/20/2009	<0.09	U		<0.095	U		<0.083	U		<0.083	U		16			<0.043	U		<0.073	U		<0.073	U	
		VMP-16-5-090210	9/2/2010	<13	U		<13	U		2.3	J		<12	U		9300			<6.1	U		5.4	J		<10	U	
		VMP-16-5-112910	11/29/2010	<5.8	U		<6.1	U		<5.4	U		<5.4	U		7600			<2.8	U		2.6	J	J	<4.7	U	
		VMP-16-5-021511	2/15/2011	<3.5	U		<3.7	U		<3.2	U		<3.2	U		5500			<1.7	U		0.98	J	J	<2.9	U	
		VMP-16-5-042211	4/22/2011	<4.7	U		<4.9	U		<4.3	U		<4.3	U		7900			<2.2	U		1	J		<3.8	U	
		VMP-16-5-080511	8/5/2011	<1.5	U		<1.6	U		<1.4	U		<1.4	U		2100			<0.72	U		<1.2	U		<1.2	U	
		VMP-16-5-042512	4/25/2012	<5.1	U		<5.4	U		<4.7	U		<4.7	U		6800			<2.4	U		<4.1	U		<4.1	U	
		VMP-16-5-073012	7/30/2012	<4.8	U		<5	U		<4.4	U		<4.4	U		8200			<2.3	U		0.62	J	J	<3.9	U	
		VMP-16-5-102512	10/25/2012	<3.8	U		<4	U		<3.5	U		<3.5	U		1000		J	<1.8	U		<3.1	U		<3.1	U	
		VMP-16-5-021413	2/14/2013	0.24	J	J	<0.62	U		<0.54	U		<0.54	U		290		J	<0.28	U		<0.48	U		<0.48	U	
		VMP-16-5-042313	4/23/2013	<1.1	U		<1.2	U		<1	U		<1	U		980			<0.54	U		<0.92	U		<0.92	U	
		VMP-16-5-081313	8/13/2013	<0.0078	U		<0.0082	U		0.0038	J		<0.0072	U		0.0091			<0.0037	U		0.0038	J		0.001	J	
		VMP-16-5-111513	11/15/2013	0.011			<0.0072	U		<0.0063	J	U	0.0014	J		0.29			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-16-5-030614	3/6/2014	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0054	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-16-5-050214	5/2/2014	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-16-5-081514	8/15/2014	<0.0081	U		0.0023	J		<0.0074	U		<0.0074	U		0.0041	J		<0.0038	U		0.0013	J		<0.0065	U	
		VMP-16-5-110714	11/7/2014	0.0022	J		<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		0.0007	J		<0.0052	U	
		VMP-16-5-021115	2/11/2015	<0.0071	U		<0.0074	U		0.016			0.0062	J		0.0071			<0.0034	U		0.02			0.0088		
		VMP-16-5-050715	5/7/2015	<0.008	U		<0.0084	U		<0.0073	J	U	<0.0073	U		0.0023	J		<0.0038	U		0.0064	J		0.0021	J	
		VMP-16-5-073115	7/31/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0027	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-16-5-110415	11/4/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0016	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-16-5-020316	2/3/2016	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-16-5-050416	5/4/2016	0.0015	J		<0.0076	U		0.0021	J		<0.0067	U		0.00059	J		<0.0035	U		0.0011	J		<0.0059	U	
		VMP-16-5-080316	8/3/2016	<0.0061	U		0.0013	J		<0.0056	U		<0.0056	U		0.0079			<0.0029	U		0.0018	J		<0.0049	U	
		VMP-16-5-103116	10/31/2016	<0.0067	U		<0.007	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U	
	13.5 ft	VMP-16-13.5	11/19/2009	<0.4	U		<0.42	U		<0.37	U		<0.37	U		82			<0.19	U		<0.32	U		<0.32	U	
		VMP-16-13.5-090210	9/2/2010	<13	U		<14	U		3.6	J		1.7	J		8200			<6.3	U		6.6	J		<11	U	
		VMP-16-13.5-090210-DUP	9/2/2010	<13	U		<14	U		3	J		<12	U		8000			<6.3	U		6.1	J		<11	U	
		VMP-16-13.5-112910	11/29/2010	<38	U		<39	U		<34	U		<34	U		11000			<18	U		<30	U		<30	U	
		VMP-16-13.5-021611	2/16/2011	<7.2	U		<7.6	U		<6.6	U		<6.6	U		5600			<3.4	U		<5.8	U		<5.8	U	
		VMP-16-13.5-021611-DUP	2/16/2011	<7.1	U		<7.4	U		<6.5	U		<6.5	U		6100			<3.4	U		<5.7	U		<5.7	U	
		VMP-16-13.5-042211	4/22/2011	<7.6	U		<8	U		<7	U		<7	U		7600			<3.6	U		<6.2	U		<6.2	U	
		VMP-16-13.5-080511	8/5/2011	<0.74	U	UJ	<0.78	U	UJ	<0.68	U	UJ	<0.68	U	UJ	610		J	<0.35	U	UJ	<0.6	U	UJ	<0.6	U	UJ
		VMP-16-13.5-042512	4/25/2012	<0.82	U		<0.86	U		0.46	J	J	0.22	J	J	8600			<0.39	U		1.3		J	<0.66	U	
		VMP-16-13.5-073012	7/30/2012	<24	U		<26	U		<22	U		<22	U		12000			<12	U		<20	U		<20	U	
		VMP-16-13.5-102512	10/25/2012	<76	U		<79	U		<69	U		<69	U		11000			<36	U		<61	U		<61	U	
		VMP-16-13.5-021413	2/14/2013	18		J	<12	U		<11	U		<11	U		11000		J	<5.7	U		2.2	J	J	<9.7	U	
		VMP-16-13.5-042313	4/23/2013	<3.5	U		<3.6	U		<3.2	U		<3.2	U		8200			<1.6	U		0.6	J		<2.8	U	
		VMP-16-13.5-081313	8/13/2013	<7.8	U		<8.1	U		<7.1	U		<7.1	U		12000			<3.7	U		<6.3	U		<6.3	U	
		VMP-16-13.5-081313-Dup	8/13/2013	<20	U		<21	U		<18	U		<18	U		10000			<9.4	U		<16	U		<16	U	
		VMP-16-13.5-111513	11/15/2013	<56	U		<58	U		<51	U		<51	U		10000			<26	U		<45	U		<45	U	
		VMP-16-13.5-030614	3/6/2014	<6.3	U		<6.5	U		<5.7	U		<5.7	U		8500			<3	U		<5	U		<5	U	
		VMP-16-13.5-050214	5/2/2014	<1.7	U		<1.7	U		0.86	J	J	<1.5	U		6100		J	<0.79	U		<1.3	U		<1.3	U	
		VMP-16-13.5-050214-Dup	5/2/2014	<6.1	U		<6.4	U		<5.6	U		<5.6	U		3400		J	<2.9	U		<4.9	U		<4.9	U	
		VMP-16-13.5-081514	8/15/2014	<37	U		<39	U		<34	U		<34	U		11000			<18	U		5	J		<30	U	
		VMP-16-13.5-110714	11/7/2014	<7.1	U		<7.4	U		<6.5	U		<6.5	U		9500			<3.4	U		<5.7	U		<5.7	U	
		VMP-16-13.5-110714-DUP	11/7/2014	<6.6	U		<6.9	U		<6.1	U		<6.1	U		9600			<3.2	U		<5.4	U		<5.4	U	
		VMP-16-13.5-021115	2/11/2015	<12	U		<12	U		<11	U		<11	U		5900			<5.7	U		<9.7	U		<9.7	U	
		VMP-16-13.5-050715	5/7/2015	<17	U		<18	U		<16	U		<16	U		5600			<8.2	U		<14	U		<14	U	
		VMP-16-13.5-073115	7/31/2015	<3.8	U		<3.9	U		0.61	J		<3.4	U		7400			<1.8	U		0.29	J		<3	U	
		VMP-16-13.5-110415	11/4/2015	<7.6	U		<7.9	U		<6.9	U		<6.9	U		5500			<3.6	U		<6.1	U		<6.1	U	
		VMP-16-13.5-020316	2/3/2016	<35	U		<37	U		<32	U		<32	U		2500			<17	ND,UJ	UJ	<29	U		<29	U	
		VMP-16-13.5-052516-R	5/25/2016	<3.6	U		<3.8	U		<3.3	U		<3.3	U		2000			<1.7	U		<3	U		<3	U	
		VMP-16-13.5-080316	8/3/2016	<12	U		<12	U		<11	U		<11	U		3000			<5.7	U		1.6	J		<9.7	U	
		VMP-16-13.5-103116	10/31/2016	<3.8	U		<3.9	U		<3.4	U		<3.4	U		2700			<1.8	U		<3	U		<3	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	19 ft	VMP-16-19	11/19/2009	<3.5	U		<3.6	U		<3.2	U		<3.2	U		910			<1.6	U		<2.8	U		<2.8	U	
		VMP-16-19-090210	9/2/2010	<13	U		<14	U		3.8	J		<12	U		10000			<6.3	U		8.2	J		<11	U	
		VMP-16-19-112910	11/29/2010	<29	U		<30	U		<26	U		<26	U		10000			<14	U		<23	U		<23	U	
		VMP-16-19-021611	2/16/2011	<6.9	U		<7.2	U		<6.3	U		<6.3	U		5900			<3.3	U		<5.6	U		<5.6	U	
		VMP-16-19-042711	4/27/2011	3.3	J		<7.4	U		<6.5	U		<6.5	U		5100			<3.4	U		<5.7	U		<5.7	U	
		VMP-16-19-042711-DUP	4/27/2011	<6.9	U		<7.2	U		<6.3	U		<6.3	U		5000			<3.3	U		<5.6	U		<5.6	U	
		VMP-16-19-042512	4/25/2012	<19	U		<20	U		<17	U		<17	U		9100			<9	U		<15	U		<15	U	
		VMP-16-19-073012	7/30/2012	<17	U		<18	U		<16	U		<16	U		8800			<8.1	U		3.3	J		<14	U	
		VMP-16-19-102512	10/25/2012	<71	U		<74	U		<65	U		<65	U		8600			<34	U		<57	U		<57	U	
		VMP-16-19-021413	2/14/2013	<7.1	U		<7.4	U		13		J	3.9	J	J	11000		J	<3.4	U		26		J	0.64	J	J
		VMP-16-19-042313	4/23/2013	<6.5	U		<6.8	U		20			4.9	J		8600			<3.1	U		20			0.66	J	
		VMP-16-19-081313	8/13/2013	<7.4	U		<7.8	U		20		J	5.2	J	J	8000			<3.5	U		24		J	<6	U	
		VMP-16-19-111513	11/15/2013	<47	U		<49	U		7.7	J		<43	U		7200			<22	U		16	J		<38	U	
		VMP-16-19-111513-Dup	11/15/2013	<47	U		<49	U		7.7	J		<43	U		7400			<22	U		15	J		<38	U	
		VMP-16-19-030614	3/6/2014	<16	U		<17	U		12	J		<15	U		5500			<7.7	U		17			<13	U	
		VMP-16-19-050214	5/2/2014	<7	U		<7.4	U		13			4	J		3500			<3.3	U		14			<5.7	U	
		VMP-16-19-081514	8/15/2014	<18	U		<18	U		10	J		4.3	J		4900			<8.4	U		18			<14	U	
		VMP-16-19-110714	11/7/2014	<6.5	U	UJ	<6.8	U	UJ	7		J	1.6	J	J	2400		J	<3.1	U	UJ	12		J	<5.3	U	UJ
		VMP-16-19-120214-R	12/2/2014	<7.2	U		<7.5	U		4.4	J		1.7	J		4200			<3.4	U		16			<5.8	U	
		VMP-16-19-021115	2/11/2015	<6.1	U		<6.4	U		3.3	J		1.4	J		3300			<2.9	U		9.3			<4.9	U	
		VMP-16-19-050715	5/7/2015	<13	U		<14	U		10	J		3.3	J		3100			<6.3	U		19			4	J	
		VMP-16-19-073115	7/31/2015	<7.8	U		<8.1	U		28			5.9	J		3400			<3.7	U		26			2.1	J	
		VMP-16-19-110415	11/4/2015	<1.2	U		<1.3	U		42			8.6			5200			<0.6	U		36			1.7		
		VMP-16-19-020316	2/3/2016	<42	U		<44	U		10	J		3.2	J		3300			<20	ND,UJ	UJ	16	J		<34	U	
		VMP-16-19-050416	5/4/2016	<2.7	U		<2.8	U		15			4.2			2400			<1.3	U		11			0.75	J	
		VMP-16-19-080316	8/3/2016	<8	U		<8.3	U		18			3.7	J		2600			<3.8	U		12			<6.4	U	
		VMP-16-19-103116	10/31/2016	<3.5	U		<3.6	U		33			6.2			3000			<1.7	U		14			1.2	J	
	31 ft	VMP-16-31	11/19/2009	<5.2	U		<5.4	U		<4.8	U		<4.8	U		2400	E	J	<2.5	U		<4.2	U		<4.2	U	
		VMP-16-31-D	11/19/2009	<5.2	U		<5.4	U		<4.8	U		<4.8	U		2300	E	J	<2.5	U		<4.2	U		<4.2	U	
		VMP-16-31-090310	9/3/2010	<0.0078	U		0.0013	J		0.0028	J		0.0027	J		7.4			<0.0037	U		0.0024	J		<0.0063	U	
		VMP-16-31-112910	11/29/2010	<29	U		<31	U		<27	U		<27	U		11000			<14	U		<24	U		<24	U	
		VMP-16-31-042512	4/25/2012	<23	U		<24	U		<21	U		<21	U		11000			<11	U		<19	U		<19	U	
		VMP-16-31-073012	7/30/2012	<19	U		<20	U		<17	U		<17	U		11000			<8.9	U		<15	U		<15	U	
		VMP-16-31-102512	10/25/2012	<88	U		<92	U		<81	U		<81	U		10000			<42	U		<71	U		<71	U	
		VMP-16-31-021813	2/18/2013	<27	U		<28	U		<24	U		<24	U		13000			<13	U		<22	U		<22	U	
		VMP-16-31-042313	4/23/2013	<17	U		<18	U		9.9	J		<16	U		12000			<8.1	U		6.9	J		<14	U	
		VMP-16-31-081313	8/13/2013	<19	U		<20	U		10	J		<18	U		8400			<9.1	U		10	J		<16	U	
		VMP-16-31-111513	11/15/2013	<43	U		<45	U		<39	U		<39	U		6200			<20	U		<35	U		<35	U	
		VMP-16-31-030614	3/6/2014	<12	U		<13	U		<11	U		<11	U		4100			<5.8	U		8.9	J		<9.8	U	
		VMP-16-31-050214	5/2/2014	<3.5	U		<3.6	U		9			<3.2	U		2000			<1.6	U		9.3			<2.8	U	
		VMP-16-31-081514	8/15/2014	<18	U		<19	U		12	J		<17	U		3000			<8.8	U		16			<15	U	
		VMP-16-31-081514-Dup	8/15/2014	<19	U		<20	U		12	J		3	J		3200			<9.1	U		17			<15	U	
		VMP-16-31-110714	11/7/2014	<3.3	U		<3.4	U		29			2.6	J		2000			<1.6	U		26			0.5	J	
		VMP-16-31-021115	2/11/2015	<5.4	U		<5.6	U		6.2			<4.9	U		2300			<2.6	U		11			<4.3	U	
		VMP-16-31-050715	5/7/2015	<9.6	U		<10	U		36			3.2	J		2400			<4.6	U		23			2.4	J	
		VMP-16-31-073115	7/31/2015	<4	U		<4.2	U		85			4.9			2300			<1.9	U		23			0.99	J	
		VMP-16-31-073115-DUP	7/31/2015	<3.7	U		<3.9	U		75			4.4			2200			<1.8	U		22			1	J	
		VMP-16-31-110415	11/4/2015	<7.8	U		<8.1	U		66			4.6	J		2700			<3.7	U		19			1.4	J	
		VMP-16-31-020316	2/3/2016	<14	U		<15	U		17			<13	U		2400			<6.8	ND,UJ	UJ	6.6	J		<12	U	
		VMP-16-31-020316-DUP	2/3/2016	<17	U		<18	U		28			2.2	J		2500			<8.1	ND,UJ	UJ	8.5	J		<14	U	
		VMP-16-31-050416	5/4/2016	<7.1	U		<7.5	U		28			2.4	J		2000			<3.4	U		6.1			<5.8	U	
		VMP-16-31-050416-DUP	5/4/2016	1.5	J		<7.3	U		36			2.7	J		2200			<3.3	U		7.2			1.3	J	
		VMP-16-31-080316	8/3/2016	<4.8	U		<5	U		32			2	J		1800			<2.3	U		5.1			0.62	J	
		VMP-16-31-103116	10/31/2016	<3.4	U		<3.6	U		42			2.4	J		2800			<1.6	U		3.4			<2.8	U	
		VMP-16-31-103116-Dup	10/31/2016	<3.6	U		<3.8	U		46			2.6	J		2600			<1.7	U		3.6			<2.9	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	<0.007	U		0.0013	J		<0.007	U		<0.007	U		1.2			<0.003	U		<0.006	U		<0.006	U	
		VMP-17-5-DUP	6/21/2010	<0.008	U		0.00099	J		<0.007	U		<0.007	U		1			<0.003	U		<0.006	U		<0.006	U	
		VMP-17-5-090110	9/1/2010	<0.0072	U		0.0015	J		<0.0066	U		<0.0066	U		0.12	J	J	<0.0034	U		0.0053	J	J	0.0016	J	J
		VMP-17-5-112210	11/22/2010	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.0032	J		<0.0034	U		<0.0058	J	U	<0.0058	U	
		VMP-17-5-020711	2/7/2011	0.0028	J		0.001	J		<0.0062	U		<0.0062	U		0.083			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-17-5-040611	4/6/2011	0.0071	J		<0.028	U		<0.025	U		<0.025	U		0.047			<0.013	U		<0.022	U		<0.022	U	
		VMP-17-5-080111	8/1/2011	<0.1	U		<0.11	U		<0.095	U		<0.095	U		0.95			<0.049	U		<0.084	U		<0.084	U	
		VMP-17-5-110711	11/7/2011	<0.0046	U		0.0008	J		<0.0042	J	U	<0.0042	U		0.0014	J		<0.0022	U		<0.0037	J	U	0.00057	J	
		VMP-17-5-012612	1/26/2012	0.019			<0.005	U		<0.0044	U		<0.0044	U		0.0013	J		<0.0023	U		0.0038	J		0.001	J	
		VMP-17-5-041112	4/11/2012	<0.0049	U		<0.0051	U		<0.0045	J	U	<0.0045	J	U	0.0079			<0.0023	U		0.0063			0.0016	J	
		VMP-17-5-071112	7/11/2012	<0.0053	U		0.0012	J		0.0044	J		<0.0048	U		0.0074			<0.0025	U		0.0089			0.0024	J	
		VMP-17-5-100912	10/9/2012	<0.0081	U		<0.0085	U		<0.0074	J	U	<0.0074	U		0.025			<0.0039	U		0.0058	J		<0.0066	J	U
		VMP-17-5-013113	1/31/2013	<0.028	U		<0.03	U		0.0091	J		<0.026	U		0.018	J		<0.014	U		0.0068	J		<0.023	U	
		VMP-17-5-013113-DUP	1/31/2013	<0.028	U		<0.03	U		<0.026	U		<0.026	U		0.016	J		<0.014	U		<0.023	U		<0.023	U	
		VMP-17-5-050113	5/1/2013	<0.0077	U		0.0011	J		<0.007	U		<0.007	U		0.054			<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-17-5-072913	7/29/2013	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		0.0035	J		<0.0036	U		<0.0062	U		0.0016	J	
		VMP-17-5-072913-Dup	7/29/2013	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0053	J		<0.0038	U		<0.0064	U		0.0012	J	
		VMP-17-5-110813	11/8/2013	<0.0073	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0051	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-17-5-021114	2/11/2014	<0.0062	U		0.00089	J		0.0027	J		0.00088	J		<0.0053	U		<0.0029	U		0.0005	J		<0.005	U	
		VMP-17-5-042214	4/22/2014	<0.0067	U		<0.007	J	U	<0.0061	J	U	<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	J	U	<0.0054	U	
		VMP-17-5-073114	7/31/2014	<0.0074	U		<0.0077	U		<0.0068	U		<0.0068	U		0.0013	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-17-5-103014	10/30/2014	<0.0066	U		0.0015	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-17-5-020415	2/4/2015	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-17-5-050115	5/1/2015	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		0.0078			<0.003	U		<0.0051	U		<0.0051	U	
		VMP-17-5-072815	7/28/2015	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		0.003	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-17-5-102915	10/29/2015	<0.0068	U		0.0024	J		0.0083			<0.0062	U		0.0011	J		<0.0032	U		0.0098			0.0052	J	
		VMP-17-5-020216	2/2/2016	<0.0064	U		<0.0067	U		<0.0059	U		<0.0059	U		0.0029	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-17-5-050216	5/2/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-17-5-072516	7/25/2016	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0086			<0.0036	U		0.0045	J		0.0015	J	
		VMP-17-5-103116	10/31/2016	<0.0076	U		0.0013	J		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		0.0013	J		<0.0061	U	
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	<0.007	U		0.0012	J		<0.007	U		<0.007	U		0.0084			<0.003	U		0.0013	J		<0.006	U	
		VMP-18-8.5-090710	9/7/2010	<0.0069	J	U	0.0024	J		<0.0063	J	U	<0.0063	U		0.06			<0.0033	U		0.00095	J		<0.0056	U	
		VMP-18-8.5-111910	11/19/2010	0.0022	J		<0.0061	U		<0.0053	U		<0.0053	U		0.093			<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-18-8.5-020711	2/7/2011	0.0026	J		0.0011	J		0.0042	J		0.0019	J		0.1		J	<0.003	U		0.023		J	0.0083		
		VMP-18-8.5-020711-DUP	2/7/2011	0.0019	J		0.0011	J		0.0023	J		<0.0056	U		0.032		J	<0.0029	U		0.0053		J	0.0023	J	
		VMP-18-8.5-040711	4/7/2011	0.0032	J		0.001	J		<0.0063	J	U	<0.0063	U		0.022			<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-18-8.5-072811	7/28/2011	<0.0074	U		<0.0078	U		0.0063	J		<0.0068	J	U	0.0051	J		<0.0035	U		0.007			0.0022	J	
		VMP-18-8.5-110711	11/7/2011	<0.0048	U		0.00097	J		<0.0044	J	U	<0.0044	U		<0.0042	U		<0.0023	U		<0.0039	J	U	0.00071	J	
		VMP-18-8.5-012312	1/23/2012	<0.0052	U		0.00098	J		<0.0048	U		<0.0048	U		0.0016	J		<0.0025	U		0.0014	J		<0.0042	U	
		VMP-18-8.5-041012	4/10/2012	0.0012	J		<0.0056	U		0.0036	J		<0.0049	J	U	0.061			<0.0026	U		0.019			0.0053		
		VMP-18-8.5-071212	7/12/2012	<0.0053	U		0.001	J		0.0041	J		<0.0048	U		0.005			<0.0025	U		0.008			0.0025	J	
		VMP-18-8.5-100912	10/9/2012	<0.0071	U		0.0013	J		<0.0065	U		<0.0065	U		0.021			<0.0034	U		<0.0057	J	U	<0.0057	U	
		VMP-18-8.5-012313	1/23/2013	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.013			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-18-8.5-050113	5/1/2013	<0.0083	U		0.001	J		<0.0076	U		<0.0076	U		0.086			<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-18-8.5-072913	7/29/2013	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		0.0048	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-18-8.5-102513	10/25/2013	<0.0066	U		0.00097	J		0.00026	J		<0.0061	U		0.0095			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-18-8.5-102513-Dup	10/25/2013	<0.0076	U		0.0012	J		0.00045	J		<0.007	U		0.0078			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-18-8.5-020614	2/6/2014	<0.0062	U		<0.0065	J	U	<0.0057	U		<0.0057	U		0.0026	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-18-8.5-042214	4/22/2014	<0.008	U		<0.0083	J	U	0.003	J		<0.0073	J	U	0.0084			<0.0038	U		<0.0064	J	U	0.0012	J	
		VMP-18-8.5-042214-Dup	4/22/2014	<0.007	U		<0.0073	J	U	0.0023	J		<0.0064	J	U	0.0063			<0.0033	U		<0.0057	J	U	<0.0057	U	
		VMP-18-8.5-073114	7/31/2014	<0.0086	U		<0.009	U		<0.0078	U		<0.0078	U		0.0012	J		<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-18-8.5-110314	11/3/2014	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		0.0014	J		<0.0034	U		<0.0057	J	U	<0.0057	U	
		VMP-18-8.5-020415	2/4/2015	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		0.0016	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-18-8.5-050115	5/1/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-18-8.5-050115-DUP	5/1/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0012	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-18-8.5-072815	7/28/2015	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-18-8.5-102915	10/29/2015	<0.0066	U		0.0028	J		<0.006	U		<0.006	U		0.0035	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-18-8.5-020216	2/2/2016	<0.0067	U		0.0015	J		<0.0061	U		<0.0061	U		0.0012	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-18-8.5-050516	5/5/2016	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.0052	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-18-8.5-072516	7/25/2016	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		0.0026	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-18-8.5-102516	10/26/2016	<0.014	U		<0.014	U		<0.012	U		<0.012	U		<0.012	J	U	<0.0064	U		<0.011	U		<0.011	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	<0.007	U		0.00091	J		<0.006	U		<0.006	U		0.013			<0.003	U		<0.005	U		<0.005	U	
		VMP-19-5-090110	9/1/2010	<0.0069	U		0.0013	J		<0.0063	J	U	<0.0063	U		0.22	J	J	<0.0033	U		0.014		J	0.0047	J	J
		VMP-19-5-111510	11/15/2010	0.0024	J		0.0011	J		<0.0068	U		<0.0068	U		0.0054	J		<0.0035	U		<0.006	J	U	<0.006	U	
		VMP-19-5-020411	2/4/2011	0.0032	J		0.001	J		<0.0059	U		<0.0059	U		0.046			<0.0031	U		0.00044	J		<0.0052	U	
		VMP-19-5-040711	4/7/2011	0.0034	J		0.00094	J		<0.0066	U		<0.0066	U		0.054			<0.0034	U		0.0015	J		<0.0059	U	
		VMP-19-5-080911	8/9/2011	<0.008	J	U	<0.0083	J	U	<0.0073	J	U	<0.0073	J	U	0.1		J	<0.0038	U		0.011			<0.0064	J	U
		VMP-19-5-080911-DUP	8/9/2011	<0.0076	U		<0.0079	J	U	<0.0069	J	U	<0.0069	J	U	0.078		J	<0.0036	U		0.011			<0.0061	J	U
		VMP-19-5-110811	11/8/2011	<0.0053	U		<0.0055	U		<0.0048	J	U	<0.0048	U		0.0038	J		<0.0025	U		<0.0042	J	U	<0.0042	U	
		VMP-19-5-012612	1/26/2012	<0.0046	U		<0.0048	U		<0.0042	U		<0.0042	U		0.00079	J		<0.0022	U		0.0079			0.0017	J	
		VMP-19-5-041012	4/10/2012	0.0018	J		<0.0055	U		<0.0048	J	U	<0.0048	J	U	0.026			0.00042	J		0.0097			0.0025	J	
		VMP-19-5-071112	7/11/2012	<0.006	U		0.0011	J		0.0055			<0.0055	J	U	<0.0052	U		<0.0028	U		0.0096			0.003	J	
		VMP-19-5-100912	10/9/2012	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.016			<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-19-5-013113	1/31/2013	<0.0069	U		0.0012	J		0.14			0.057			0.02			<0.0033	U		0.11			0.017		
		VMP-19-5-043013	4/30/2013	<0.0091	U		0.0016	J		<0.0084	J	U	<0.0084	U		0.13			<0.0043	U		<0.0074	U		<0.0074	U	
		VMP-19-5-073113	7/31/2013	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.00074	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-19-5-102513	10/25/2013	<0.0076	U		0.0012	J		<0.007	U		<0.007	U		0.0098			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-19-5-020614	2/6/2014	<0.0074	U		<0.0078	J	U	<0.0068	U		<0.0068	U		0.01			<0.0035	U		<0.006	U		<0.006	U	
		VMP-19-5-042214	4/22/2014	<0.0076	U		<0.008	J	U	<0.007	U		<0.007	U		0.0021	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-19-5-073114	7/31/2014	<0.0088	U		<0.0092	U		<0.0081	U		<0.0081	U		0.0017	J		<0.0042	U		0.001	J		<0.0071	U	
		VMP-19-5-110314	11/3/2014	<0.0066	U		<0.0069	J	U	<0.006	J	U	<0.006	J	U	0.0044	J		<0.0031	U		<0.0053	J	U	<0.0053	U	
		VMP-19-5-020415	2/4/2015	<0.0069	U		<0.0072	U		0.0012	J		<0.0063	U		0.032			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-19-5-050115	5/1/2015	<0.0066	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-19-5-072815	7/28/2015	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		0.012			<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-19-5-102615	10/26/2015	<0.0074	U		<0.0078	J	U	<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-19-5-020216	2/2/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0014	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-19-5-050616	5/6/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-19-5-072816	7/28/2016	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-19-5-102516	10/26/2016	<0.0068	U		0.0013	J		<0.0062	U		<0.0062	U		0.016			<0.0032	U		0.01			0.004	J	
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	<0.0065	U		0.0015	J		0.0039	J		0.001	J		1.4			<0.0031	U		0.023			0.0066		
		VMP-20-5-041511	4/15/2011	<0.071	U		<0.075	U		<0.065	U		<0.065	U		4			<0.034	U		<0.058	U		<0.058	U	
		VMP-20-5-072511	7/25/2011	<0.0076	U		0.0017	J		<0.0069	J	U	<0.0069	U		0.0043	J		<0.0036	U		<0.0061	J	U	<0.0061	U	
		VMP-20-5-110111	11/1/2011	<0.0043	U		0.0031	J		<0.004	J	U	<0.004	U		0.0017	J		<0.002	U		0.0078			0.0016	J	
		VMP-20-5-012312	1/23/2012	<0.021	U		0.017	J		<0.019	U		<0.019	U		2.2			<0.0099	U		0.0084	J		<0.017	U	
		VMP-20-5-041012	4/10/2012	<0.0047	U		0.0029	J		<0.0043	U		<0.0043	U		0.051			<0.0022	U		0.003	J		0.00064	J	
		VMP-20-5-071112	7/11/2012	<0.0063	U		0.004	J		<0.0057	J	U	<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-20-5-073112	7/31/2012	<0.0053	U		0.017			0.0021	J		<0.0048	U		0.0096			<0.0025	U		0.0077			0.0022	J	
		VMP-20-5-100412	10/4/2012	<0.0078	U		0.0021	J		<0.0071	U		<0.0071	U		0.0031	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-20-5-020713	2/7/2013	<0.0066	U		0.012			0.06			0.0088			0.12			<0.0032	U		0.0042	J		<0.0054	U	
		VMP-20-5-041913	4/19/2013	<0.0067	U		0.0025	J		0.0088			<0.0062	J	U	0.12			<0.0032	U		0.014			0.0066		
		VMP-20-5-072313	7/23/2013	0.0082			0.0025	J		<0.0069	U		<0.0069	J	U	0.011			<0.0036	U		<0.0061	U		0.0011	J	
		VMP-20-5-110113	11/1/2013	<0.0073	U		0.0013	J		<0.0067	U		<0.0067	U		<0.0063	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-20-5-021014	2/10/2014	<0.007	U		0.0013	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		0.00082	J		<0.0057	U	
		VMP-20-5-042114	4/21/2014	<0.0072	U		<0.0076	U		0.0044	J		0.0014	J		0.037			<0.0034	ND,UJ	UJ	0.0073			0.0021	J	
		VMP-20-5-072514	7/25/2014	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-20-5-102714	10/27/2014	<0.0078	U		<0.0082	J	U	<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-20-5-012715	1/27/2015	<0.0068	J	U	<0.0071	U		0.013			0.0028	J		0.01			<0.0032	U		0.0048	J		0.0015	J	
		VMP-20-5-042715	4/27/2015	<0.0067	U		<0.007	U		<0.0062	U		<0.0062	U		0.021			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-20-5-072015	7/20/2015	<0.0076	U		<0.0079	J	U	0.046			0.018			0.015			<0.0036	U		0.11			0.042		
		VMP-20-5-102015	10/20/2015	<0.0065	U		0.002	J		<0.0059	U		<0.0059	U		0.012			<0.0031	U		0.0014	J		<0.0052	U	
		VMP-20-5-021616	2/16/2016	<0.0088	U		<0.0092	U		<0.008	U		<0.008	U		<0.0076	U		<0.0042	U		<0.0071	U		<0.0071	U	
		VMP-20-5-042516	4/25/2016	<0.0076	U		0.0014	J		<0.0069	U		<0.0069	U		<0.0066	J	U	<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-20-5-072216	7/22/2016	<0.0069	U		0.0018	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-20-5-102616	10/26/2016	<0.0066	U		0.0014	J		<0.006	U		<0.006	U		0.12			<0.0031	U		0.0043	J		<0.0053	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	10 ft	VMP-20-10-031411	3/14/2011	<0.0065	U		0.0011	J		0.0046	J		0.0024	J		0.23			<0.0031	U		0.016			0.006		
		VMP-20-10-041511	4/15/2011	<0.065	U		<0.068	U		<0.059	U		<0.059	U		1.1			<0.031	U		<0.052	U		<0.052	U	
		VMP-20-10-072511	7/25/2011	<0.0069	U		<0.0072	U		0.0025	J		<0.0063	U		<0.006	U		<0.0033	U		0.0038	J		<0.0056	U	
		VMP-20-10-110111	11/1/2011	<0.0046	U		0.0069			<0.0042	U		<0.0042	U		<0.004	U		<0.0022	U		<0.0037	J	U	<0.0037	U	
		VMP-20-10-012312	1/23/2012	<0.0048	U		0.032			<0.0044	U		<0.0044	U		0.02			<0.0023	U		0.0032	J		0.00075	J	
		VMP-20-10-041012	4/10/2012	<0.0046	U		0.025			0.0011	J		<0.0042	U		0.094			<0.0022	U		0.004			0.0012	J	
		VMP-20-10-071112	7/11/2012	<0.0053	U		0.018			<0.0048	U		<0.0048	U		<0.0046	U		<0.0025	U		<0.0042	J	U	<0.0042	U	
		VMP-20-10-100412	10/4/2012	<0.0072	U		0.0048	J		<0.0066	U		<0.0066	U		<0.0063	J	U	<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-20-10-012213	1/22/2013	<0.0066	U		0.0033	J		<0.0061	U		<0.0061	U		0.0049	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-20-10-041913	4/19/2013	<0.0069	U		0.0035	J		<0.0063	U		<0.0063	U		0.051			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-20-10-072313	7/23/2013	<0.0078	J	U	0.0038	J		<0.0071	U		<0.0071	U		0.0066			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-20-10-110113	11/1/2013	<0.0071	U		0.0022	J		<0.0065	U		<0.0065	U		0.0029	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-20-10-110113-Dup	11/1/2013	<0.0066	U		0.0021	J		<0.0061	U		<0.0061	U		0.0047	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-20-10-021014	2/10/2014	<0.0066	U		0.0018	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-20-10-042114	4/21/2014	<0.0063	U		<0.0066	U		0.003	J		0.001	J		0.049			<0.003	ND,UJ	UJ	0.0054			0.0021	J	
		VMP-20-10-072514	7/25/2014	<0.007	U		0.0021	J		0.011			0.0034	J		0.016			<0.0033	U		0.014			0.0055	J	
		VMP-20-10-102714	10/27/2014	<0.0092	U		0.0024	J		<0.0084	U		<0.0084	U		0.0016	J		<0.0044	U		<0.0074	U		<0.0074	U	
		VMP-20-10-012715	1/27/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.064			<0.0032	U		<0.0055	J	U	<0.0055	U	
		VMP-20-10-012715-DUP	1/27/2015	<0.0071	J	U	<0.0075	U		<0.0065	J	U	<0.0065	U		0.055			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-20-10-042715	4/27/2015	<0.0065	U		<0.0068	U		<0.006	U		<0.006	U		0.0015	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-20-10-072015	7/20/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-20-10-102015	10/20/2015	<0.006	U		0.0023	J		<0.0055	U		<0.0055	U		0.001	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-20-10-102015-DUP	10/20/2015	<0.0075	U		0.0017	J		<0.0068	U		<0.0068	U		0.0015	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-20-10-021616	2/16/2016	<0.0066	U		<0.0069	U		0.016			0.0054	J		0.016			<0.0031	U		0.064			0.019		
		VMP-20-10-042516	4/25/2016	<0.0077	U		0.0015	J		<0.0071	U		<0.0071	U		0.1			<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-20-10-072216	7/22/2016	<0.0076	U		0.0026	J		<0.0069	U		<0.0069	U		0.0024	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-20-10-102616	10/26/2016	<0.0066	U		0.0015	J		<0.006	U		<0.006	U		0.0016	J		<0.0031	U		0.0016	J		<0.0053	U	
	25 ft	VMP-20-25-031411	3/14/2011	<0.0064	U		<0.0067	U		<0.0059	U		<0.0059	U		0.16			<0.003	U		0.0011	J		0.00095	J	
		VMP-20-25-041511	4/15/2011	<0.074	U		<0.078	U		<0.068	U		<0.068	U		1			<0.035	U		<0.06	U		<0.06	U	
		VMP-20-25-072611	7/26/2011	<0.49	U		<0.52	U		<0.45	U		<0.45	U		340			<0.24	U		<0.4	U		<0.4	U	
		VMP-20-25-110511	11/5/2011	<0.0045	U		0.016			0.0013	J		<0.0041	U		0.11			<0.0021	U		0.0023	J		0.00094	J	
		VMP-20-25-012312	1/23/2012	<0.005	U		0.074			<0.0046	U		<0.0046	U		0.0029	J		<0.0024	U		0.0014	J		<0.0041	U	
		VMP-20-25-041012	4/10/2012	<0.0047	U		0.086			0.00082	J		<0.0043	U		0.011			<0.0022	U		0.0053			0.0015	J	
		VMP-20-25-041012-Dup	4/10/2012	<0.0048	U		0.094			0.0012	J		0.00099	J		0.01			<0.0023	U		0.0044			0.0016	J	
		VMP-20-25-071112	7/11/2012	<0.0054	U		0.08			<0.0049	J	U	<0.0049	U		<0.0047	U		<0.0026	U		<0.0044	J	U	<0.0044	U	
		VMP-20-25-100412	10/4/2012	<0.008	U		0.051			<0.0073	U		<0.0073	U		<0.0069	J	U	<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-20-25-012213	1/22/2013	<0.0066	U		0.047			<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-20-25-041913	4/19/2013	<0.0072	U		0.0098			<0.0066	J	U	<0.0066	J	U	0.076			<0.0034	U		0.0079			0.0032	J	
		VMP-20-25-072313	7/23/2013	<0.0081	J	U	0.014			<0.0074	U		<0.0074	U		0.0015	J		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-20-25-110113	11/1/2013	0.00056	J		0.0034	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		0.00056	J		<0.0051	U	
		VMP-20-25-021014	2/10/2014	<0.0066	U		0.0042	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-20-25-042114	4/21/2014	<0.0067	U		<0.007	U		0.0016	J		<0.0061	U		0.05			<0.0032	ND,UJ	UJ	0.0011	J		<0.0054	U	
		VMP-20-25-072514	7/25/2014	<0.0074	U		0.0021	J		<0.0068	U		<0.0068	U		<0.0065	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-20-25-102714	10/27/2014	<0.0067	U		0.005	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-20-25-012715	1/27/2015	<0.007	U		<0.0073	U		0.0044	J		0.00083	J		0.0085			<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-20-25-042715	4/27/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.038			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-20-25-072015	7/20/2015	<0.0072	U		<0.0076	J	U	<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-20-25-102015	10/20/2015	<0.0063	U		0.003	J		0.012			0.0091			0.0025	J		<0.003	U		0.0028	J		0.002	J	
		VMP-20-25-020216	2/2/2016	<0.0078	U		0.0077	J		<0.0072	J	U	<0.0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-20-25-042516	4/25/2016	<0.0074	U		0.0015	J		<0.0068	U		<0.0068	U		<0.0065	J	U	<0.0035	U		<0.006	U		<0.006	U	
		VMP-20-25-072216	7/22/2016	<0.008	U		0.0052	J		<0.0073	U		<0.0073	U		0.0043	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-20-25-102616	10/26/2016	<0.0068	U		0.015			<0.0062	U		<0.0062	U		0.00092	J		<0.0032	U		0.012			0.0032	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	39.5 ft	VMP-20-39.5-042114	4/21/2014	<0.59	U		<0.62	U		<0.54	U		<0.54	U		100			<0.28	U		<0.48	U		<0.48	U	
		VMP-20-39.5-042715	4/27/2015	<0.0066	U		<0.0069	U		0.0025	J		0.0012	J		0.015			<0.0032	U		0.0061			0.0026	J	
		VMP-20-39.5-042715-DUP	4/27/2015	<0.0077	U		<0.0081	U		0.0021	J		<0.007	U		0.018			<0.0037	U		0.0067			0.0027	J	
		VMP-20-39.5-072015	7/20/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-20-39.5-072015-DUP	7/20/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-20-39.5-100412	10/4/2012	<1.9	U		<2	U		<1.8	U		<1.8	U		410			<0.92	U		0.46	J		<1.6	U	
		VMP-20-39.5-012313	1/23/2013	<1.1	U		<1.2	U		<1	U		<1	U		560			<0.53	U		<0.9	U		<0.9	U	
		VMP-20-39.5-041913	4/19/2013	<0.88	U		<0.92	U		<0.81	U		<0.81	U		380			<0.42	U		<0.71	U		<0.71	U	
		VMP-20-39.5-072313	7/23/2013	<1.7	U		<1.7	U		<1.5	U		<1.5	U		370			<0.79	U		0.39	J		0.24	J	
		VMP-20-39.5-110113	11/1/2013	<0.14	U		<0.15	U		<0.13	U		<0.13	U		120			<0.069	U		<0.12	U		<0.12	U	
		VMP-20-39.5-021014	2/10/2014	<0.13	U		<0.13	U		<0.12	U		<0.12	U		87			<0.06	U		<0.1	U		<0.1	U	
		VMP-20-39.5-021014-Dup	2/10/2014	<0.12	U		<0.12	U		<0.11	U		<0.11	U		90			<0.056	U		<0.096	U		<0.096	U	
		VMP-20-39.5-072514	7/25/2014	<1.2	U		<1.2	U		<1.1	U		<1.1	U		250			<0.56	U		<0.95	U		<0.95	U	
		VMP-20-39.5-072514-Dup	7/25/2014	<0.93	U		<0.97	U		<0.85	U		<0.85	U		260			<0.44	U		<0.75	U		<0.75	U	
		VMP-20-39.5-102714	10/27/2014	<0.0074	U		0.0039	J		<0.0067	U		<0.0067	U		1.6			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-20-39.5-012715	1/27/2015	<0.0078	U		<0.0082	U		0.0061	J		0.0013	J		0.021			<0.0037	U		0.0018	J		<0.0063	U	
		VMP-20-39.5-102015	10/20/2015	<0.0067	U		0.0075			<0.0061	U		<0.0061	U		0.0063			<0.0032	U		0.002	J		<0.0054	U	
		VMP-20-39.5-020216	2/2/2016	<0.0068	U		0.0026	J		<0.0062	J	U	<0.0062	J	U	0.019			<0.0032	U		0.016			0.006		
		VMP-20-39.5-020216-DUP	2/2/2016	<0.0067	U		0.0027	J		<0.0061	J	U	<0.0061	J	U	0.021			<0.0032	U		0.015			0.0059		
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	<2.5	U		<2.6	U		<2.3	U		<2.3	U		830			<1.2	U		<2	U		<2	U	
		VMP-21-5-020911-DUP	2/9/2011	<4.3	U		<4.5	U		<3.9	U		<3.9	U		660			<2	U		<3.4	U		<3.4	U	
		VMP-21-5-041311	4/13/2011	<0.0071	U		0.0012	J		0.0014	J		<0.0065	U		1.6			<0.0034	U		0.0035	J		<0.0057	U	
		VMP-21-5-072511	7/25/2011	<0.0074	U		0.0013	J		<0.0068	J	U	<0.0068	U		0.0035	J		<0.0035	U		0.0045	J		0.0014	J	
		VMP-21-5-110111	11/1/2011	<0.0061	U		<0.0064	U		0.13			0.033			0.016			<0.0029	U		0.044			0.018		
		VMP-21-5-012312	1/23/2012	0.0043	J		0.0011	J		<0.0048	U		<0.0048	U		0.0015	J		<0.0025	U		0.0017	J		0.00063	J	
		VMP-21-5-012312-DUP	1/23/2012	0.0022	J		0.0011	J		<0.0044	U		<0.0044	U		0.0018	J		<0.0023	U		0.0019	J		0.0006	J	
		VMP-21-5-042412	4/24/2012	<0.0098	U		<0.01	U		<0.009	U		<0.009	U		1.3			<0.0047	U		0.0048	J		0.0027	J	
		VMP-21-5-071012	7/10/2012	<0.0057	U		0.0016	J		0.048			0.018			<0.005	U		<0.0027	U		0.12			0.022		
		VMP-21-5-100412	10/4/2012	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		0.0052	J		<0.004	U		0.0029	J		<0.0068	U	
		VMP-21-5-020613	2/6/2013	<0.0076	U		0.0014	J		<0.0069	U		<0.0069	U		0.0012	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-21-5-051013	5/10/2013	<0.0077	U		<0.008	U		0.0026	J		<0.007	U		0.11			<0.0036	U		0.0034	J		0.0022	J	
		VMP-21-5-072313	7/23/2013	<0.0081	J	U	<0.0085	U		<0.0074	U		<0.0074	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-21-5-102113	10/21/2013	<0.0071	U		0.0011	J		<0.0065	U		<0.0065	U		0.0012	J		<0.0034	U		0.0052	J		0.0014	J	
		VMP-21-5-022414	2/24/2014	<0.0061	U		<0.0063	J	U	<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-21-5-042114	4/21/2014	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0049	J		<0.0033	ND,UJ	UJ	0.00096	J		<0.0056	U	
		VMP-21-5-072814	7/28/2014	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		0.037			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-21-5-102714	10/27/2014	<0.0065	U		<0.0068	J	U	<0.0059	U		<0.0059	U		0.0012	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-21-5-012715	1/27/2015	<0.0068	U		<0.0072	U		0.0056	J		0.0011	J		0.01			<0.0032	U		<0.0055	J	U	<0.0055	U	
		VMP-21-5-042715	4/27/2015	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		0.038			<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-21-5-072015	7/20/2015	<0.0074	U		<0.0078	J	U	<0.0068	U		<0.0068	U		0.0078			<0.0035	U		<0.006	U		<0.006	U	
		VMP-21-5-102315	10/23/2015	<0.0068	U		<0.0071	U		<0.0062	U	U	<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-21-5-012616	1/26/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.046			<0.0036	U		<0.006	U		<0.006	U	
		VMP-21-5-042716	4/27/2016	<0.0073	U		0.0014	J		<0.0067	U		<0.0067	U		0.0012	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-21-5-072616	7/26/2016	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		0.0014	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-21-5-102416	10/24/2016	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.00092	J		<0.0058	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011	<2.2	U		<2.4	U		<2.1	U		<2.1	U		480			<1.1	U		<1.8	U		<1.8	U	
		VMP-21-10-041311	4/13/2011	0.17	J		<0.3	U		<0.26	U		<0.26	U		42			<0.14	U		<0.23	U		<0.23	U	
		VMP-21-10-072511	7/25/2011	<0.016	U		0.0029	J		<0.014	J	U	<0.014	U		<0.014	U		<0.0075	U		0.0033	J		<0.013	U	
		VMP-21-10-110111	11/1/2011	<0.0046	U		0.0014	J		<0.0042	U		<0.0042	U		<0.004	U		<0.0022	U		<0.0037	J	U	<0.0037	U	
		VMP-21-10-012312	1/23/2012	0.0017	J		0.0014	J		<0.0048	U		<0.0048	U		0.0045			<0.0025	U		0.0014	J		<0.0042	U	
		VMP-21-10-040912	4/9/2012	0.0095			<0.0049	U		0.001	J		<0.0043	U		0.79			<0.0022	U		0.007			0.003	J	
		VMP-21-10-071012	7/10/2012	<0.0054	U		0.0012	J		<0.0049	J	U	<0.0049	U		<0.0047	U		<0.0026	U		<0.0044	J	U	<0.0044	U	
		VMP-21-10-100412	10/4/2012	<0.0076	U		<0.0079	U		<0.0069	J	U	<0.0069	U		0.017			<0.0036	U		0.0056	J		<0.0061	J	U
		VMP-21-10-020513	2/5/2013	<0.0072	U		<0.0076	J	U	<0.0066	U		<0.0066	U		0.026			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-21-10-020513-DUP	2/5/2013	<0.0068	U		<0.0071	J	U	<0.0062	U		<0.0062	U		0.03			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-21-10-051013	5/10/2013	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		0.014			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-21-10-072313	7/23/2013	<0.0078	J	U	0.0019	J		<0.0071	U		<0.0071	U		0.0026	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-21-10-102113	10/21/2013	<0.0071	U		0.0011	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.00067	J		<0.0057	U	
		VMP-21-10-022414	2/24/2014	<0.0062	U		<0.0065	J	U	<0.0057	J	U	<0.0057	U		0.0098			<0.003	U		<0.005	J	U	<0.005	U	
		VMP-21-10-042114	4/21/2014	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.00062	J		<0.0031	ND,UJ	UJ	<0.0052	U		<0.0052	U	
		VMP-21-10-072814	7/28/2014	<0.0068	U		0.0019	J		<0.0062	U		<0.0062	U		0.00054	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-21-10-102714	10/27/2014	<0.0074	U		<0.0078	J	U	<0.0068	U		<0.0068	U		0.011			<0.0035	U		<0.006	U		<0.006	U	
		VMP-21-10-012715	1/27/2015	<0.0071	U		<0.0075	U		0.0017	J		<0.0065	U		0.062			<0.0034	U		<0.0058	J	U	<0.0058	U	
		VMP-21-10-042715	4/27/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0038	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-21-10-072015	7/20/2015	<0.0072	U		<0.0076	U		<0.0066	J	U	<0.0066	U		0.043			<0.0034	U		0.0031	J		0.0015	J	
		VMP-21-10-102315	10/23/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.015			<0.0036	U		<0.006	U		<0.006	U	
		VMP-21-10-012616	1/26/2016	<0.0067	U		<0.007	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-21-10-042716	4/27/2016	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		0.00095	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-21-10-072616	7/26/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-21-10-102416	10/24/2016	<0.013	U		<0.014	U		<0.012	U		<0.012	U		<0.012	U		<0.0063	U		<0.011	U		<0.011	U	
	25 ft	VMP-21-25-021011	2/10/2011	<6.3	U		<6.5	U		<5.7	U		<5.7	U		1700			<3	U		<5	U		<5	U	
		VMP-21-25-041411	4/14/2011	<22	U		<23	U		<20	U		<20	U		1200			<10	U		<18	U		<18	U	
		VMP-21-25-041411-DUP	4/14/2011	<22	U		<23	U		<20	U		<20	U		1200			<10	U		<18	U		<18	U	
		VMP-21-25-072611	7/26/2011	<7.1	U		<7.4	U		<6.5	U		<6.5	U		1500			<3.4	U		<5.7	U		<5.7	U	
		VMP-21-25-110511	11/5/2011	<4.5	U		<4.7	U		<4.1	U		<4.1	U		160			<2.1	U		<3.6	U		<3.6	U	
		VMP-21-25-012412	1/24/2012	<0.062	U		<0.065	U		<0.23	U		<0.057	U		16			<0.03	U		<0.05	U		<0.05	U	
		VMP-21-25-040912	4/9/2012	0.0021	J		<0.0051	U		<0.0045	U		<0.0045	U		1.2			<0.0023	U		0.006			0.0024	J	
		VMP-21-25-071112	7/11/2012	<0.0049	U		0.0011	J		<0.0045	J	U	<0.0045	U		0.015			<0.0023	U		<0.004	J	U	<0.004	U	
		VMP-21-25-100412	10/4/2012	<0.0078	U		0.0016	J		<0.0071	U		<0.0071	U		0.073			<0.0037	U		0.0028	J		<0.0063	U	
		VMP-21-25-020513	2/5/2013	<0.0069	U		<0.0072	J	U	<0.0063	U		<0.0063	U		0.024			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-21-25-020513-DUP	2/5/2013	<0.0072	U		<0.0076	J	U	<0.0066	U		<0.0066	U		0.014			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-21-25-051013	5/10/2013	<0.0079	U		<0.0083	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-21-25-072313	7/23/2013	<0.008	J	U	0.0018	J		<0.0073	U		<0.0073	U		0.0018	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-21-25-102113	10/21/2013	<0.0073	U		0.0014	J		<0.0067	U		<0.0067	U		0.011			<0.0035	U		0.0013	J		<0.0059	U	
		VMP-21-25-042114	4/21/2014	<0.0066	U		<0.0068	U		<0.006	U		<0.006	U		0.027			<0.0031	ND,UJ	UJ	<0.0053	U		<0.0053	U	
		VMP-21-25-072814	7/28/2014	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-21-25-102714	10/27/2014	<0.0068	U		<0.0071	J	U	<0.0062	J	U	<0.0062	U		0.0013	J		<0.0032	U		0.0012	J		<0.0055	U	
		VMP-21-25-012715	1/27/2015	<0.0072	U		<0.0075	U		0.0024	J		<0.0066	U		0.0054	J		<0.0034	U		<0.0058	J	U	<0.0058	U	
		VMP-21-25-042715	4/27/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0012	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-21-25-072015	7/20/2015	<0.0072	U		<0.0076	J	U	<0.0066	U		<0.0066	U		0.0038	J		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-21-25-102315	10/23/2015	<0.0064	U		<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		0.0012	J		<0.0052	U	
		VMP-21-25-012616	1/26/2016	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-21-25-042716	4/27/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.047			<0.0034	U		0.018			0.0053	J	
		VMP-21-25-072616	7/26/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0011	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-21-25-102416	10/24/2016	<0.0068	U		0.0012	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.0028	J		<0.0055	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-021011	2/10/2011	<6.3	U		<6.5	U		<5.7	U		<5.7	U		1800			<3	U		<5	U		<5	U	
		VMP-21-33-041411	4/14/2011	<21	U		<22	U		<19	U		<19	U		1300			<10	U		6.1	J		<17	U	
		VMP-21-33-110511	11/5/2011	<1	U		<1.1	U		<0.94	U		<0.94	U		69			<0.49	U		<0.83	U		<0.83	U	
		VMP-21-33-012412	1/24/2012	<0.15	U		<0.15	U		<0.54	U		<0.13	U		54		J	<0.07	U		<0.12	U		<0.12	U	
		VMP-21-33-042412	4/24/2012	<0.005	J	U	<0.0052	U		<0.0046	J	U	<0.0046	U		0.58			<0.0024	U		0.0039	J		0.0016	J	
		VMP-21-33-071112	7/11/2012	<0.0053	U		<0.0055	U		<0.0048	J	U	<0.0048	U		<0.0046	U		<0.0025	U		<0.0042	J	U	<0.0042	U	
		VMP-21-33-100412	10/4/2012	<0.0076	U		<0.0079	U		<0.0069	J	U	<0.0069	U		0.038			<0.0036	U		0.0052	J		<0.0061	U	
		VMP-21-33-020513	2/5/2013	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.01			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-21-33-051013	5/10/2013	<0.0076	U		<0.008	U		<0.007	J	U	<0.007	U		0.059			<0.0036	U		0.002	J		<0.0062	U	
		VMP-21-33-102113	10/21/2013	<0.0068	U		0.0015	J		<0.0062	U		<0.0062	U		0.016			<0.0032	U		0.00035	J		<0.0055	U	
		VMP-21-33-102113-DUP	10/21/2013	<0.0078	U		0.0014	J		<0.0071	U		<0.0071	U		0.011			<0.0037	U		0.00031	J		<0.0063	U	
		VMP-21-33-022414	2/24/2014	<0.0064	U		<0.0066	J	U	<0.0058	U		<0.0058	J	U	<0.0055	J	U	<0.003	U		<0.0051	J	U	<0.0051	U	
		VMP-21-33-022414-Dup	2/24/2014	<0.0064	U		<0.0066	J	U	<0.0058	U		<0.0058	J	U	<0.0055	J	U	<0.003	U		<0.0051	J	U	<0.0051	U	
		VMP-21-33-042114	4/21/2014	<0.0069	U		<0.0072	U		0.0033	J		0.0012	J		0.013			<0.0033	ND,UJ	UJ	0.0033	J		0.0016	J	
		VMP-21-33-072814	7/28/2014	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.001	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-21-33-102714	10/27/2014	<0.0072	U		0.0025	J		<0.0066	J	U	<0.0066	J	U	0.019			<0.0034	U		0.0048	J		0.0019	J	
		VMP-21-33-102714-DUP	10/27/2014	<0.0076	U		<0.0079	J	U	<0.0069	J	U	<0.0069	U		0.024			<0.0036	U		0.0057	J		0.0021	J	
		VMP-21-33-012715	1/27/2015	<0.0068	J	U	<0.0071	U		0.01			0.0032	J		0.029			<0.0032	U		0.0035	J		<0.0055	U	
		VMP-21-33-072015	7/20/2015	<0.0076	U		<0.0079	J	U	<0.0069	J	U	<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-21-33-102315	10/23/2015	<0.0061	U		<0.0063	U		<0.0056	U		<0.0056	U		0.005	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-21-33-102315-DUP	10/23/2015	<0.015	U		<0.016	U		<0.014	U		<0.014	U		0.0081	J		<0.0073	U		<0.012	U		<0.012	U	
		VMP-21-33-042716	4/27/2016	<0.0076	U		0.0014	J		<0.0069	U		<0.0069	U		0.001	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-21-33-072616	7/26/2016	0.0035	J		<0.0079	U		<0.0069	U		<0.0069	U		0.0012	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-21-33-102416	10/24/2016	<0.0071	U		0.0015	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.0023	J		<0.0058	U	
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	<0.14	U		<0.14	U		<0.13	U		<0.13	U		81			<0.066	U		<0.11	U		<0.11	U	
		VMP-22-5-041811	4/18/2011	<0.068	U		<0.071	U		<0.062	U		<0.062	U		0.22			<0.032	U		<0.055	U		<0.055	U	
		VMP-22-5-072611	7/26/2011	<0.008	U		<0.0083	U		<0.0073	J	U	<0.0073	J	U	0.13			<0.0038	U		0.0056	J		0.002	J	
		VMP-22-5-110111	11/1/2011	<0.0045	U		<0.0047	U		<0.0041	U		<0.0041	U		0.00041	J		<0.0021	U		<0.0036	J	U	<0.0036	U	
		VMP-22-5-012412	1/24/2012	<0.0048	U		0.0013	J	J	<0.0044	U		<0.0044	U		1.4		J	<0.0023	U		0.0067		J	0.0012	J	J
		VMP-22-5-040912	4/9/2012	<0.0053	U		<0.0055	U		<0.0048	U		<0.0048	U		0.17			<0.0025	U		0.0016	J		<0.0042	U	
		VMP-22-5-070912	7/9/2012	<0.0058	U		0.0013	J		<0.0053	J	U	<0.0053	U		0.0024	J		<0.0028	U		0.0099			0.0028	J	
		VMP-22-5-100312	10/3/2012	<0.0068	U		<0.0071	U		<0.0062	J	U	<0.0062	U		<0.0059	J	U	<0.0032	U		<0.0055	J	U	<0.0055	U	
		VMP-22-5-100312-Dup	10/3/2012	<0.0062	U		0.0012	J		<0.0056	U		<0.0056	U		0.0064			<0.0029	U		<0.005	J	U	<0.005	U	
		VMP-22-5-012413	1/24/2013	<0.0069	U		0.0015	J		<0.0063	U		<0.0063	U		0.0081			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-22-5-041913	4/19/2013	<0.0068	U		0.0014	J		<0.0062	U		<0.0062	U		0.068			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-22-5-072313	7/23/2013	<0.0086	J	U	<0.009	U		<0.0078	U		<0.0078	U		0.0032	J		<0.0041	U		0.0027	J		0.0012	J	
		VMP-22-5-072313-Dup	7/23/2013	<0.0086	J	U	<0.009	U		<0.0078	U		<0.0078	U		0.0017	J		<0.0041	U		<0.0069	U		0.001	J	
		VMP-22-5-101813	10/18/2013	<0.0073	U		0.0011	J		<0.0067	U		<0.0067	U		0.0012	J		<0.0035	U		0.0019	J		0.00054	J	
		VMP-22-5-021314	2/13/2014	<0.006	U		0.001	J		<0.0054	U		<0.0054	U		<0.0052	U		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-22-5-042214	4/22/2014	<0.0068	U		<0.0072	J	U	<0.0063	U		<0.0063	J	U	<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-22-5-072814	7/28/2014	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.00064	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-22-5-102414	10/24/2014	<0.007	U		<0.0073	J	U	<0.0064	J	U	<0.0064	U		0.0015	J		<0.0033	U		0.0017	J		<0.0056	U	
		VMP-22-5-012715	1/27/2015	<0.0061	U		<0.0063	U		0.0083			0.0021	J		0.0035	J		<0.0029	U		0.0079			<0.0049	U	
		VMP-22-5-042715	4/27/2015	<0.014	U		<0.014	U		<0.012	U		<0.012	U		0.003	J		<0.0064	U		0.0032	J		<0.011	U	
		VMP-22-5-072015	7/20/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-22-5-012616	1/26/2016	<0.0075	U		<0.0078	U		0.013			<0.0068	J	U	0.039			<0.0036	U		0.0019	J		<0.006	U	
		VMP-22-5-042616	4/26/2016	<0.0093	U		<0.0097	U		<0.0085	U		<0.0085	U		0.0011	J		<0.0044	U		<0.0075	U		<0.0075	U	
		VMP-22-5-072216	7/22/2016	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		0.0039	J		<0.0039	U		0.0013	J		<0.0067	U	
		VMP-22-5-102716	10/27/2016	<0.0066	U		0.0013	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.0016	J		<0.0053	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011	<0.066	U		<0.068	U		<0.06	U		<0.06	U		25			<0.031	U		<0.053	U		<0.053	U	
		VMP-22-10-041811	4/18/2011	<0.07	U		<0.073	U		<0.064	U		<0.064	U		0.016	J		<0.033	U		<0.057	U		<0.057	U	
		VMP-22-10-072611	7/26/2011	<0.0081	U		<0.0085	U		<0.0074	J	U	<0.0074	J	U	0.022		J	<0.0039	U		0.0039	J		<0.0066	U	
		VMP-22-10-072611-DUP	7/26/2011	<0.0096	U		<0.01	U		<0.0088	J	U	<0.0088	U		0.051		J	<0.0046	U		0.0034	J		<0.0077	U	
		VMP-22-10-110211	11/2/2011	<0.0046	U		<0.0048	U		<0.0042	U		<0.0042	U		<0.004	U		<0.0022	U		<0.0037	J	U	<0.0037	U	
		VMP-22-10-012412	1/24/2012	0.0015	J		0.001	J		<0.0048	U		<0.0048	U		0.0063			<0.0025	U		0.0018	J		0.00084	J	
		VMP-22-10-040912	4/9/2012	<0.0052	U		0.0018	J		<0.0047	U		<0.0047	U		0.13			<0.0025	U		0.0023	J		<0.0042	U	
		VMP-22-10-070912	7/9/2012	<0.0058	U		0.0014	J		<0.0053	U		<0.0053	U		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-22-10-070912-Dup	7/9/2012	<0.0057	U		<0.006	U		<0.0052	U		<0.0052	U		<0.005	U		<0.0027	U		<0.0046	J	U	<0.0046	U	
		VMP-22-10-100312	10/3/2012	<0.0065	U		0.0014	J		<0.0059	U		<0.0059	U		0.085			<0.0031	U		<0.0052	J	U	<0.0052	U	
		VMP-22-10-012413	1/24/2013	<0.0074	U		0.0013	J		<0.0068	U		<0.0068	U		0.003	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-22-10-041913	4/19/2013	<0.0072	U		0.0015	J		0.0098			<0.0066	J	U	0.057			<0.0034	U		0.028			0.014		
		VMP-22-10-072313	7/23/2013	<0.008	J	U	<0.0083	U		0.004	J		0.0077			0.032			<0.0038	U		0.011			0.0058	J	
		VMP-22-10-101813	10/18/2013	<0.0075	U		0.0011	J		0.00036	J		<0.0068	U		0.045			<0.0036	U		0.00097	J		0.00034	J	
		VMP-22-10-021314	2/13/2014	<0.0063	U		0.0011	J		<0.0057	U		<0.0057	U		0.049			<0.003	U		<0.005	U		<0.005	U	
		VMP-22-10-042214	4/22/2014	<0.007	U		<0.0074	J	U	<0.0064	U		<0.0064	U		0.001	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-22-10-072814	7/28/2014	<0.0068	U		<0.0072	U		<0.0063	U		<0.0063	U		0.00071	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-22-10-102414	10/24/2014	<0.007	U		<0.0073	J	U	<0.0064	J	U	<0.0064	U		0.0017	J		<0.0033	U		0.0013	J		<0.0056	U	
		VMP-22-10-012715	1/27/2015	<0.0079	U		<0.0082	U		<0.0072	J	U	<0.0072	U		0.0022	J		<0.0037	U		<0.0064	J	U	<0.0064	U	
		VMP-22-10-042715	4/27/2015	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.014			<0.0031	U		0.0032	J		<0.0053	U	
		VMP-22-10-072015	7/20/2015	<0.0069	U		<0.0072	J	U	<0.0063	U		<0.0063	U		0.002	J		<0.0033	U		0.0024	J		<0.0056	U	
		VMP-22-10-102315	10/23/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.00097	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-22-10-012616	1/26/2016	<0.0064	U		0.0022	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-22-10-042616	4/26/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.00061	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-22-10-072216	7/22/2016	<0.0074	U		0.0015	J		<0.0067	U		<0.0067	U		0.0028	J		<0.0035	U		0.0024	J		0.0017	J	
		VMP-22-10-102716	10/27/2016	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		<0.0062	J	U	<0.0034	U		0.0031	J		<0.0058	U	
	18 ft	VMP-22-18-021111	2/11/2011	<1.1	U		<1.2	U		<1	U		<1	U		480			<0.54	U		<0.92	U		<0.92	U	
		VMP-22-18-041811	4/18/2011	<4.8	U		<5	U		<4.4	U		<4.4	U		390			<2.3	U		<3.9	U		<3.9	U	
		VMP-22-18-072611	7/26/2011	<2.5	U		<2.6	U		<2.3	U		<2.3	U		340			<1.2	U		<2	U		<2	U	
		VMP-22-18-110511	11/5/2011	<0.0049	J	U	<0.0051	U		<0.0045	U		<0.0045	U		0.028			<0.0023	U		0.0017	J		<0.004	U	
		VMP-22-18-012412	1/24/2012	<0.045	U		<0.047	U		<0.16	U		<0.041	U		17		J	<0.021	U		<0.036	U		<0.036	U	
		VMP-22-18-040912	4/9/2012	<0.0054	U		<0.0056	U		<0.0049	U		<0.0049	U		0.081			<0.0026	U		0.0015	J		<0.0044	U	
		VMP-22-18-070912	7/9/2012	<0.0057	U		<0.006	U		<0.0052	U		<0.0052	U		0.0014	J		<0.0027	U		<0.0046	J	U	<0.0046	U	
		VMP-22-18-100412	10/4/2012	<0.0078	U		0.0013	J		<0.0071	U		<0.0071	U		0.017			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-22-18-012413	1/24/2013	<0.0074	U		0.0014	J		<0.0068	U		<0.0068	U		0.0021	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-22-18-042213	4/22/2013	<0.0077	U		0.0014	J		<0.007	U		<0.007	U		0.092			<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-22-18-072913	7/29/2013	<0.0078	U		0.0017	J		<0.0071	U		0.0026	J		0.013			<0.0037	U		0.0044	J		0.0031	J	
		VMP-22-18-101813	10/18/2013	<0.0073	U		0.0012	J		<0.0067	U		<0.0067	U		0.021			<0.0035	U		0.00098	J		<0.0059	U	
		VMP-22-18-021314	2/13/2014	<0.0064	U		0.001	J		<0.0059	U		<0.0059	U		0.0011	J		<0.0031	U		0.0007	J		<0.0052	U	
		VMP-22-18-042214	4/22/2014	<0.0071	U		<0.0075	J	U	<0.0065	U		<0.0065	J	U	<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-22-18-072814	7/28/2014	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.004	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-22-18-102414	10/24/2014	<0.0066	U		<0.0069	J	U	<0.006	U		<0.006	U		0.00092	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-22-18-012715	1/27/2015	<0.0066	U		<0.0069	U		0.012			0.0031	J		0.0089			<0.0031	U		0.006			0.0026	J	
		VMP-22-18-012715-DUP	1/27/2015	<0.0067	U		<0.007	U		0.013			0.0029	J		0.0032	J		<0.0032	U		0.0042	J		0.0018	J	
		VMP-22-18-042715	4/27/2015	<0.0066	U		<0.0068	U		0.0026	J		<0.006	U		0.012			<0.0031	U		0.016			0.0071		
		VMP-22-18-072015	7/20/2015	<0.009	U		<0.0095	U		<0.0083	J	U	<0.0083	U		0.012			<0.0043	U		0.0053	J		<0.0073	U	
		VMP-22-18-102315	10/23/2015	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		0.0018	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-22-18-012616	1/26/2016	<0.0072	U		0.002	J		<0.0066	U		<0.0066	U		0.0069			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-22-18-042616	4/26/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-22-18-072216	7/22/2016	<0.0072	U		0.0019	J		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-22-18-102716	10/27/2016	<0.0075	U		0.0014	J		<0.0068	U		<0.0068	U		<0.0065	J	U	<0.0036	U		0.0078			0.0018	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	38 ft	VMP-22-38-041811	4/18/2011	<15	U		<16	U		<14	U		<14	U		710			<7	U		<12	U		<12	U	
		VMP-22-38-012512	1/25/2012	<0.045	U		<0.047	U		<0.041	U		<0.041	U		14			<0.021	U		0.0087	J		<0.036	U	
		VMP-22-38-040912	4/9/2012	0.002	J		<0.0055	U		<0.0048	U		<0.0048	U		0.14			<0.0025	U		0.0027	J		<0.0042	U	
		VMP-22-38-070912	7/9/2012	<0.0055	U		<0.0058	U		<0.0051	U		<0.0051	U		0.0035	J		<0.0026	U		<0.0045	J	U	<0.0045	U	
		VMP-22-38-100412	10/4/2012	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.056			<0.0039	U		<0.0066	J	U	<0.0066	U	
		VMP-22-38-012413	1/24/2013	<0.0072	U		0.0014	J		<0.0066	U		<0.0066	U		0.0021	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-22-38-042213	4/22/2013	<0.0079	U		0.0013	J		0.011			<0.0072	J	U	0.023			<0.0037	U		0.037			0.019		
		VMP-22-38-072913	7/29/2013	<0.0076	U		<0.008	U		0.002	J		0.00097	J		0.02			<0.0036	U		0.018			0.0068		
		VMP-22-38-101813	10/18/2013	<0.0068	U		0.0012	J		<0.0063	U		<0.0063	U		0.018			<0.0032	U		0.00029	J		<0.0055	U	
		VMP-22-38-021314	2/13/2014	<0.0066	U		0.0012	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.00064	J		<0.0053	U	
		VMP-22-38-021314-Dup	2/13/2014	<0.0062	U		0.0012	J		<0.0057	U		<0.0057	U		0.0013	J		<0.003	U		0.00051	J		<0.005	U	
		VMP-22-38-042214	4/22/2014	<0.0072	U		<0.0075	J	U	<0.0066	J	U	<0.0066	U		0.00082	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-22-38-072814	7/28/2014	<0.0072	U		0.0021	J		0.0016	J		<0.0066	U		0.0041	J		<0.0034	U		0.0026	J		<0.0058	U	
		VMP-22-38-072814-DUP	7/28/2014	<0.0072	U		0.0026	J		<0.0066	U		<0.0066	U		0.0038	J		<0.0034	U		0.0012	J		<0.0058	U	
		VMP-22-38-102414	10/24/2014	<0.0064	U		<0.0067	J	U	<0.0059	U		<0.0059	U		0.00083	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-22-38-102414-DUP	10/24/2014	<0.0068	U		<0.0071	J	U	<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-22-38-012715	1/27/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0015	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-22-38-042715	4/27/2015	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		0.0019	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-22-38-042715-DUP	4/27/2015	<0.0069	U		<0.0072	U		0.0025	J		0.0024	J		0.0027	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-22-38-072015	7/20/2015	<0.0078	U		<0.0081	J	U	<0.0071	U		<0.0071	U		0.017			<0.0037	U		0.0026	J		<0.0063	U	
		VMP-22-38-072015-DUP	7/20/2015	<0.0074	U		<0.0078	J	U	<0.0068	U		<0.0068	U		0.016			<0.0035	U		0.0019	J		<0.006	U	
		VMP-22-38-102315	10/23/2015	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.0005	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-22-38-012616-DUP	1/26/2016	<0.007	U		0.0018	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-22-38-042616	4/26/2016	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-22-38-072216	7/22/2016	<0.0075	U		0.0015	J		<0.0068	U		<0.0068	U		0.0096			<0.0036	U		0.0025	J		<0.006	U	
		VMP-22-38-072216-DUP	7/22/2016	<0.0074	U		<0.0077	U		<0.0068	U		<0.0068	U		0.0083			<0.0035	U		0.0012	J		<0.006	U	
		VMP-22-38-102716	10/27/2016	<0.0072	U		0.0014	J		<0.0066	U		<0.0066	U		0.0023	J		<0.0034	U		0.0018	J		<0.0059	U	
		VMP-22-38-102716-Dup	10/27/2016	<0.0067	U		<0.007	U		<0.0062	U		<0.0062	U		0.0024	J		<0.0032	U		0.0022	J		<0.0054	U	
VMP-23	5 ft	VMP-23-5-021511	2/15/2011	0.002	J		0.0011	J		<0.0065	U		<0.0065	U		0.0085			<0.0034	U		0.0046	J		0.0013	J	
		VMP-23-5-042111	4/21/2011	<0.062	U		<0.064	U		<0.056	U		<0.056	U		0.016	J		<0.029	U		0.022	J		<0.05	U	
		VMP-23-5-072711	7/27/2011	<0.0071	U		0.0017	J		0.003	J		0.00078	J		0.047			<0.0034	U		0.0064			0.0014	J	
		VMP-23-5-110211	11/2/2011	<0.005	U		<0.0052	U		<0.0046	U		<0.0046	U		0.00055	J		<0.0024	U		<0.0041	J	U	<0.0041	U	
		VMP-23-5-012512	1/25/2012	0.0014	J		<0.0044	U		0.0012	J		0.00097	J		0.044			<0.002	U		0.0016	J		0.00044	J	
		VMP-23-5-040912	4/9/2012	<0.0051	U		<0.0054	U		<0.0047	U		<0.0047	U		0.022			<0.0024	U		0.015			0.0035	J	
		VMP-23-5-070912	7/9/2012	<0.0046	U		0.0012	J		0.003	J		0.00091	J		0.0028	J		<0.0022	U		<0.0037	J	U	0.00085	J	
		VMP-23-5-100312	10/3/2012	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0049	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-23-5-012413	1/24/2013	<0.0066	U		0.0014	J		<0.0061	U		<0.0061	U		0.011			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-23-5-042213	4/22/2013	<0.0074	U		0.0012	J		0.0072			<0.0067	J	U	0.058			<0.0035	U		0.024			0.012		
		VMP-23-5-072313	7/23/2013	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.18			<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-23-5-101813	10/18/2013	<0.0076	U		0.001	J		0.00029	J		<0.007	U		0.0029	J		<0.0036	U		0.00045	J		<0.0062	U	
		VMP-23-5-021314	2/13/2014	0.0035	J		0.0011	J		<0.006	U		<0.006	U		0.056			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-23-5-042114	4/21/2014	<0.0074	U		<0.0078	U		0.0064	J		0.0023	J		0.0012	J		<0.0035	ND,UJ	UJ	0.0095			0.0046	J	
		VMP-23-5-080514	8/5/2014	<0.0078	U		0.002	J		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-23-5-102414	10/24/2014	<0.0081	U		<0.0084	J	U	<0.0074	U		<0.0074	U		0.00086	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-23-5-012715	1/27/2015	<0.0083	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0072	U		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-23-5-042715	4/27/2015	0.0024	J		0.002	J		<0.0065	U		<0.0065	U		0.026			<0.0034	U		0.0042	J		0.0016	J	
		VMP-23-5-072015	7/20/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		0.06			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-23-5-102615	10/26/2015	<0.006	U		<0.0063	U		<0.0055	U		<0.0055	U		0.0011	J		<0.0029	U		0.0053			0.0016	J	
		VMP-23-5-012516	1/25/2016	<0.0074	U		0.0022	J		<0.0068	J	U	<0.0068	U		<0.0065	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-23-5-062816	6/28/2016	<0.0085	U		0.0015	J		0.00083	J		<0.0078	U		0.013			<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-23-5-072216	7/22/2016	<0.008	U		0.0018	J		<0.0073	U		<0.0073	U		0.024			<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-23-5-101916	10/19/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.00078	J		<0.0033	U		<0.0056	U		<0.0056	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	<0.0073	J	U	0.0015	J		<0.0067	J	U	<0.0067	U		0.024			<0.0035	U		0.0086			0.0037	J	
		VMP-23-10-042111	4/21/2011	<0.074	U		<0.078	U		<0.068	U		<0.068	U		1.4			<0.035	U		0.26			0.059		
		VMP-23-10-072711	7/27/2011	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-23-10-110211	11/2/2011	<0.0049	U		<0.0051	U		<0.0045	J	U	<0.0045	J	U	0.00047	J		<0.0023	U		0.0042			0.0014	J	
		VMP-23-10-012512	1/25/2012	<0.0042	U		0.0014	J		0.0007	J		<0.0038	U		0.88			<0.002	U		0.0045			0.0008	J	
		VMP-23-10-040912	4/9/2012	<0.0052	U		0.0019	J		0.002	J		<0.0048	U		<0.0046	U		<0.0025	U		0.0057			0.002	J	
		VMP-23-10-040912-Dup	4/9/2012	0.0062			0.0032	J		<0.0048	U		<0.0048	U		0.0059			<0.0025	U		0.0049			0.0016	J	
		VMP-23-10-070912	7/9/2012	<0.0042	U		0.0013	J		0.0019	J		0.00078	J		<0.0036	U		<0.002	U		<0.0034	J	U	0.00074	J	
		VMP-23-10-100312	10/3/2012	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		0.011			<0.004	U		<0.0068	U		<0.0068	U	
		VMP-23-10-012413	1/24/2013	<0.0066	U		0.0012	J		<0.0061	U		<0.0061	U		0.0051	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-23-10-042213	4/22/2013	<0.0071	U		0.0012	J		<0.0065	U		<0.0065	U		0.067			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-23-10-072313	7/23/2013	<0.0081	J	U	<0.0085	U		0.0038	J		0.0089			0.031			<0.0039	U		0.012			0.0071		
		VMP-23-10-101813	10/18/2013	<0.0081	U		0.001	J		<0.0074	U		<0.0074	U		0.019			<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-23-10-101813-DUP	10/18/2013	<0.0081	U		0.0011	J		<0.0074	U		<0.0074	U		0.017			<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-23-10-021314	2/13/2014	<0.0067	U		0.0011	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-23-10-042114	4/21/2014	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0072			<0.0037	ND,UJ	UJ	0.0012	J		<0.0063	U	
		VMP-23-10-080514	8/5/2014	<0.0082	U		0.0014	J		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-23-10-102414	10/24/2014	<0.0065	U		0.0028	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		0.00069	J		<0.0052	U	
		VMP-23-10-012715	1/27/2015	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		0.0015	J		<0.003	U		0.00073	J		<0.0052	U	
		VMP-23-10-042715	4/27/2015	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0011	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-23-10-072015	7/20/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-23-10-102615	10/26/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0059	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-23-10-012516	1/25/2016	<0.0066	U		0.0022	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-23-10-062816	6/28/2016	<0.0082	U		0.0023	J		<0.0075	U		<0.0075	U		0.00093	J		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-23-10-072216	7/22/2016	<0.0078	U		0.0015	J		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-23-10-101916	10/19/2016	<0.0066	U		0.0016	J		0.0015	J		<0.006	U		0.0011	J		<0.0031	U		0.0048	J		0.0016	J	
	25 ft	VMP-23-25-021511	2/15/2011	0.0024	J		<0.0071	U		<0.0062	U		<0.0062	U		1.3			<0.0032	U		0.00067	J		<0.0055	U	
		VMP-23-25-042111	4/21/2011	<0.069	U		<0.072	U		<0.063	U		<0.063	U		2.9			<0.033	U		<0.056	U		<0.056	U	
		VMP-23-25-072711	7/27/2011	<0.0078	U		<0.0081	U		0.004	J		0.0024	J		0.046			<0.0037	U		0.0065			0.002	J	
		VMP-23-25-110511	11/5/2011	<0.0049	J	U	0.001	J		<0.0045	U		<0.0045	U		0.0022	J		<0.0023	U		0.0018	J		0.00062	J	
		VMP-23-25-012512	1/25/2012	<0.0044	U		0.0022	J		<0.004	U		<0.004	U		0.66			<0.0021	U		0.0032	J		<0.0036	U	
		VMP-23-25-040912	4/9/2012	0.0061			0.0024	J		0.0023	J		<0.0047	U		0.0031	J		<0.0024	U		0.013			0.0042		
		VMP-23-25-071012	7/10/2012	<0.0066	U		0.0022	J		<0.006	U		<0.006	U		0.002	J		<0.0031	U		<0.0053	J	U	0.0014	J	
		VMP-23-25-100312	10/3/2012	<0.0081	U		0.002	J		<0.0074	U		<0.0074	U		0.016			<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-23-25-012413	1/24/2013	<0.0068	U		0.0019	J		<0.0062	U		<0.0062	U		0.0014	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-23-25-042213	4/22/2013	<0.0074	U		0.0014	J		<0.0068	J	U	<0.0068	J	U	0.037			<0.0035	U		0.017			0.0077		
		VMP-23-25-072313	7/23/2013	<0.0074	U		<0.0078	U		0.0055	J		<0.0068	J	U	0.084			<0.0035	U		0.018			0.0093		
		VMP-23-25-102113	10/21/2013	<0.0072	U		0.001	J		<0.0066	U		<0.0066	U		0.0017	J		<0.0034	U		0.002	J		0.00042	J	
		VMP-23-25-021314	2/13/2014	<0.0066	U		0.001	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		0.0013	J		<0.0053	U	
		VMP-23-25-042114	4/21/2014	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-23-25-080514	8/5/2014	<0.0076	U		0.002	J		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-23-25-102414	10/24/2014	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0017	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-23-25-012715	1/27/2015	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-23-25-042715	4/27/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-23-25-072015	7/20/2015	<0.0074	U		<0.0078	J	U	<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-23-25-102615	10/26/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.00058	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-23-25-012516	1/25/2016	<0.0076	U		0.0019	J		<0.0069	U		<0.0069	U		0.0061	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-23-25-062816	6/28/2016	<0.0079	U		0.0018	J		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-23-25-072216	7/22/2016	<0.0079	U		<0.0083	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-23-25-101916	10/19/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0014	J		<0.0036	U		<0.0061	U		<0.0061	U	
	40 ft	VMP-23-40-071012	7/10/2012	<0.0055	U		<0.0058	U		0.0021	J		<0.0051	U		<0.0048	U		<0.0026	U		<0.0045	J	U	0.00092	J	
		VMP-23-40-100312	10/3/2012	<0.0076	U		0.003	J		<0.0069	U		<0.0069	U		0.027			<0.0036	U		<0.0061	J	U	<0.0061	U	
		VMP-23-40-012413	1/24/2013	<0.0069	U		0.0027	J		<0.0063	U		<0.0063	U		0.0082			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-23-40-042213	4/22/2013	<0.0076	U		0.0022	J		<0.0069	J	U	<0.0069	J	U	0.02			<0.0036	U		0.027			0.014		
		VMP-23-40-042213-Dup	4/22/2013	<0.0076	U		0.0023	J		<0.0069	U		<0.0069	U		0.015			<0.0036	U		0.02			0.0084		
		VMP-23-40-102113	10/21/2013	<0.0076	U		0.0018	J		<0.0069	U		<0.0069	U		0.021			<0.0036	U		0.00059	J		<0.0061	U	
		VMP-23-40-021314	2/13/2014	<0.0071	U		0.0015	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.00097	J		<0.0058	U	
		VMP-23-40-042114	4/21/2014	<0.0068	U		<0.0072	U		<0.0063	U		0.0014	J		0.0065			<0.0032	U		0.0024	J		<0.0055	U	
		VMP-23-40-080514	8/5/2014	0.0073			0.0021	J		0.031			0.01			0.037			<0.0033	U		0.049			0.02		
		VMP-23-40-102414	10/24/2014	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0018	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-23-40-012715	1/27/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-23-40-042715	4/27/2015	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-23-40-072015	7/20/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		0.17			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-23-40-102615	10/26/2015	<0.0068	U		0.0023	J		<0.0062	U		<0.0062	U		0.0016	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-23-40-102615-DUP	10/26/2015	<0.0071	U		<0.0074	U		<0.0065	J	U	<0.0065	U		0.0016	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-23-40-012516	1/25/2016	<0.0064	U		0.002	J		0.016			<0.0058	J	U	0.017			<0.003	U		0.0025	J		<0.0051	U	
		VMP-23-40-072216	7/22/2016	<0.0074	U		0.002	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-021611	2/16/2011	<0.0076	U		<0.0079	U		<0.0069	J	U	<0.0069	J	U	0.011			<0.0036	U		<0.0061	J	U	<0.0061	J	U
		VMP-24-5-040811	4/8/2011	<0.081	U		<0.084	U		<0.074	U		<0.074	U		0.48			<0.038	U		<0.065	U		<0.065	U	
		VMP-24-5-072811	7/28/2011	<0.0076	U		0.0016	J		0.0052	J		0.0019	J		0.012			<0.0036	U		0.0099			0.004	J	
		VMP-24-5-110211	11/2/2011	<0.005	U		0.0016	J		<0.0046	J	U	<0.0046	J	U	0.0017	J		<0.0024	U		0.0031	J		<0.0041	U	
		VMP-24-5-110211-DUP	11/2/2011	<0.007	U		<0.0073	U		0.0073			<0.0064	J	U	0.0083			<0.0033	U		0.0046	J		0.0026	J	
		VMP-24-5-012512	1/25/2012	0.00084	J		0.0014	J		<0.004	U		<0.004	U		<0.0038	U		<0.002	U		0.0062			0.001	J	
		VMP-24-5-040912	4/9/2012	0.0027	J		0.0018	J		0.017			0.0048			0.013			<0.0024	U		0.023			0.0096		
		VMP-24-5-071212	7/12/2012	<0.0049	U		0.0013	J		0.0087			0.0022	J		0.012			<0.0023	U		0.0078			0.0029	J	
		VMP-24-5-101912	10/19/2012	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0096			<0.0036	U		<0.0061	J	U	<0.0061	U	
		VMP-24-5-012313	1/23/2013	<0.0068	U		0.0014	J		<0.0062	U		<0.0062	U		0.019			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-24-5-050113	5/1/2013	0.004	J		<0.0085	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-24-5-073113	7/31/2013	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		0.014			<0.0037	U		0.0039	J		0.0015	J	
		VMP-24-5-102113	10/21/2013	<0.0073	U		0.00097	J		<0.0067	U		<0.0067	U		0.0022	J		<0.0035	U		0.00042	J		<0.0059	U	
		VMP-24-5-020614	2/6/2014	<0.0062	U		<0.0065	J	U	<0.0057	U		<0.0057	U		0.0072			<0.003	U		<0.005	U		<0.005	U	
		VMP-24-5-042114	4/21/2014	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-24-5-072814	7/28/2014	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.00092	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-24-5-102714	10/27/2014	<0.0067	U		<0.007	U		0.0022	J		<0.0061	U		0.0029	J		<0.0032	U		0.00077	J		<0.0054	U	
		VMP-24-5-020215	2/2/2015	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		0.0038	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-24-5-042715	4/27/2015	<0.0078	U		<0.0082	U		0.0028	J		<0.0072	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-24-5-072115	7/21/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.001	J		<0.0057	U	
		VMP-24-5-102915	10/29/2015	<0.0072	U		0.0015	J		0.0034	J	J	0.001	J	J	<0.0063	U		<0.0034	U		0.0011	J		<0.0059	U	
		VMP-24-5-012716	1/27/2016	<0.0067	U		0.0015	J		<0.0061	U		<0.0061	U		0.0015	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-24-5-042916	4/29/2016	<0.0071	U		0.0016	J		<0.0065	U		<0.0065	U		0.0012	J		<0.0034	U		0.00095	J		<0.0058	U	
		VMP-24-5-072716	7/27/2016	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-24-5-102816	10/28/2016	<0.0058	U		0.0012	J		<0.0053	U		<0.0053	U		<0.005	J	U	<0.0028	U		0.008			0.0021	J	
	10 ft	VMP-24-10-021711	2/17/2011	<0.0072	U		0.0019	J		<0.0066	J	U	<0.0066	U		1.2			<0.0034	U		<0.0058	J	U	<0.0058	U	
		VMP-24-10-041111	4/11/2011	0.0037	J		<0.014	U		<0.012	U		<0.012	U		0.12			<0.0064	U		<0.011	J	U	<0.011	U	
		VMP-24-10-072811	7/28/2011	<0.0074	U		0.0027	J		0.0033	J		0.0014	J		0.002	J		<0.0035	U		0.0062			0.0015	J	
		VMP-24-10-110211	11/2/2011	<0.0044	U		0.0017	J		<0.004	J	U	<0.004	U		0.00052	J		<0.0021	U		<0.0036	J	U	<0.0036	U	
		VMP-24-10-012512	1/25/2012	0.00087	J		0.0016	J		<0.0038	U		<0.0038	U		0.0015	J		<0.002	U		0.0078			0.0021	J	
		VMP-24-10-041012	4/10/2012	<0.0049	U		0.0019	J		<0.0045	U		<0.0045	U		0.076			<0.0023	U		0.0026	J		<0.004	U	
		VMP-24-10-071212	7/12/2012	<0.0057	U		0.0014	J		0.0027	J		<0.0052	U		<0.005	U		<0.0027	U		0.0073			0.0021	J	
		VMP-24-10-100912	10/9/2012	<0.0071	U		0.0014	J		<0.0065	U		<0.0065	U		0.0021	J		<0.0034	U		<0.0057	J	U	<0.0057	U	
		VMP-24-10-012313	1/23/2013	<0.0074	U		0.0018	J		<0.0068	U		<0.0068	U		0.01			<0.0035	U		<0.006	U		<0.006	U	
		VMP-24-10-042513	4/25/2013	<0.028	U		<0.03	U		0.29			0.048			6.1			<0.014	U		0.13			0.0052	J	
		VMP-24-10-073113	7/31/2013	<0.0077	U		<0.0081	U		0.0011	J		0.0029	J		0.035			<0.0037	U		0.0039	J		0.0019	J	
		VMP-24-10-102113	10/21/2013	<0.0074	U		0.0012	J		<0.0068	U		<0.0068	U		0.014			<0.0035	U		0.00042	J		<0.006	U	
		VMP-24-10-020614	2/6/2014	<0.0063	U		<0.0066	J	U	<0.0058	U		<0.0058	U		0.0049	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-24-10-042114	4/21/2014	<0.0068	U		<0.0072	U		0.003	J		<0.0063	U		0.023			<0.0032	U		0.0011	J		<0.0055	U	
		VMP-24-10-072814	7/28/2014	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-24-10-102714	10/27/2014	<0.0064	U		<0.0067	U		<0.0059	U		<0.0059	U		0.0099			<0.0031	U		0.0014	J		<0.0052	U	
		VMP-24-10-020215	2/2/2015	<0.006	U		<0.0063	U		<0.0055	U		<0.0055	U		<0.0052	U		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-24-10-042715	4/27/2015	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.0012	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-24-10-072115	7/21/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0059	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-24-10-102915	10/29/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0026	J	J	<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-24-10-012716	1/27/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-24-10-042916	4/29/2016	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-24-10-072716	7/27/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-24-10-102816	10/28/2016	<0.0056	U		0.0011	J		<0.0051	U		<0.0051	U		0.0034	J		<0.0026	U		0.0069			0.0024	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	<0.0072	U		0.0018	J		<0.0066	J	U	<0.0066	U		0.54			<0.0034	U		0.0084			0.003	J	
		VMP-24-22-041111	4/11/2011	<0.0068	J	U	0.0022	J		<0.0062	U		<0.0062	U		0.00094	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-24-22-072811	7/28/2011	<0.0068	U		0.0019	J		0.0026	J		0.0011	J		0.00081	J		<0.0032	U		0.0041	J		0.0014	J	
		VMP-24-22-072811-Dup	7/28/2011	<0.0078	U		0.002	J		0.0027	J		0.00076	J		0.0014	J		<0.0037	U		0.0039	J		0.0012	J	
		VMP-24-22-110611	11/6/2011	<0.0047	J	U	0.0015	J		<0.0043	U		<0.0043	U		0.01			<0.0022	U		0.0022	J		0.00069	J	
		VMP-24-22-012512	1/25/2012	<0.0044	U		0.0022	J		<0.004	U		<0.004	U		<0.0038	U		<0.0021	U		0.0011	J		<0.0036	U	
		VMP-24-22-041012	4/10/2012	<0.0048	U		0.002	J		0.0021	J		<0.0044	U		0.051			<0.0023	U		0.0031	J		<0.0039	U	
		VMP-24-22-071212	7/12/2012	<0.0058	U		<0.0061	U		0.0036	J		<0.0053	U		<0.0051	U		<0.0028	U		0.0054			0.0017	J	
		VMP-24-22-100912	10/9/2012	<0.0072	U		0.0015	J		<0.0066	U		<0.0066	U		0.0034	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-24-22-012313	1/23/2013	<0.0076	U		0.0017	J		<0.0069	U		<0.0069	U		0.01			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-24-22-042513	4/25/2013	<0.0072	U		0.0017	J		<0.0066	U		<0.0066	U		0.014			<0.0034	U		0.016			0.0078		
		VMP-24-22-042513-Dup	4/25/2013	<0.008	U		0.0017	J		<0.0073	U		<0.0073	U		0.0076			<0.0038	U		0.0055	J		0.0032	J	
		VMP-24-22-073113	7/31/2013	<0.0077	U		0.0011	J		0.0034	J		0.0014	J		0.0066			<0.0037	U		0.009			0.0046	J	
		VMP-24-22-102213	10/22/2013	<0.0067	U		0.0015	J		<0.0061	U		<0.0061	U		0.0014	J		<0.0032	U		0.004	J		0.00099	J	
		VMP-24-22-020614	2/6/2014	<0.0066	U		<0.0069	J	U	<0.006	U		<0.006	U		0.0012	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-24-22-042114	4/21/2014	<0.007	U		0.0021	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-24-22-072814	7/28/2014	<0.0072	U		<0.0076	U		0.0016	J		<0.0066	U		0.0025	J		<0.0034	U		0.00097	J		<0.0058	U	
		VMP-24-22-102714	10/27/2014	<0.0071	U		<0.0074	U		0.0031	J		<0.0065	U		0.0031	J		<0.0034	U		0.0012	J		<0.0057	U	
		VMP-24-22-020215	2/2/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-24-22-042715	4/27/2015	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-24-22-072115	7/21/2015	<0.0071	U	UJ	<0.0074	U	UJ	<0.0065	U	UJ	<0.0065	U	UJ	<0.0062	U	UJ	<0.0034	U	UJ	<0.0057	U	UJ	<0.0057	U	UJ
		VMP-24-22-082415	8/24/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-24-22-082415-DUP	8/24/2015	0.0059	J		<0.0086	U		0.0013	J		<0.0075	U		0.0045	J		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-24-22-102915	10/29/2015	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-24-22-012716	1/27/2016	<0.0069	U		0.0017	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-24-22-042916	4/29/2016	0.0024	J		<0.0082	U		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0064	U		<0.0064	U	
		VMP-24-22-072716	7/27/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-24-22-102816	10/28/2016	<0.0059	U		0.0011	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		0.0016	J		<0.0048	U	
	34 ft	VMP-24-34-021711	2/17/2011	<0.0072	U		0.0022	J		<0.0066	U		<0.0066	U		0.024			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-24-34-041111	4/11/2011	0.003	J		0.0021	J		<0.0059	U		<0.0059	U		0.0012	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-24-34-072811	7/28/2011	<0.0057	U		0.0016	J		0.0025	J		0.0008	J		0.0035	J		<0.0027	U		0.004	J		0.0016	J	
		VMP-24-34-110611	11/6/2011	<0.0036	J	U	0.0016	J		<0.0033	U		0.00036	J		0.0088			<0.0017	U		0.0028	J		0.0012	J	
		VMP-24-34-012512	1/25/2012	0.0014	J		0.0027	J		<0.0041	U		<0.0041	U		<0.0039	U		<0.0021	U		0.0013	J		0.00053	J	
		VMP-24-34-041012	4/10/2012	0.0076			<0.0052	U		<0.0046	U		<0.0046	U		0.053			<0.0024	U		0.0053			0.0018	J	
		VMP-24-34-071212	7/12/2012	<0.0048	U		0.0014	J		0.0053			0.00088	J		<0.0042	U		<0.0023	U		0.0067			0.0021	J	
		VMP-24-34-100912	10/9/2012	<0.0074	U		0.0017	J		<0.0068	U		<0.0068	U		0.042			<0.0035	U		<0.006	U		<0.006	U	
		VMP-24-34-012313	1/23/2013	<0.0078	U		0.0018	J		<0.0071	U		<0.0071	U		0.0081			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-24-34-050613	5/6/2013	<0.0086	U		0.0014	J		<0.0079	U		<0.0079	U		0.0036	J		<0.0041	U		0.0039	J		<0.0069	U	
		VMP-24-34-073113	7/31/2013	<0.0075	U		0.001	J		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-24-34-073113-Dup	7/31/2013	<0.0075	U		<0.0078	U		0.0022	J		<0.0068	U		0.0015	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-24-34-102213	10/22/2013	<0.0074	U		0.0012	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		0.0017	J		0.00038	J	
		VMP-24-34-020614	2/6/2014	<0.0066	U		<0.0069	J	U	<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	J	U	<0.0054	U	
		VMP-24-34-042114	4/21/2014	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-24-34-072814	7/28/2014	<0.0074	U		0.0022	J		<0.0068	U		<0.0068	U		0.0064			<0.0035	U		0.0025	J		<0.006	U	
		VMP-24-34-072814-DUP	7/28/2014	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.004	J		<0.0038	U		0.00094	J		<0.0066	U	
		VMP-24-34-102714	10/27/2014	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.00053	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-24-34-102714-DUP	10/27/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0034	J		<0.0032	U		0.00081	J		<0.0055	U	
		VMP-24-34-020215	2/2/2015	<0.0065	U		<0.0068	U		<0.0059	J	U	<0.0059	U		<0.0056	U		<0.0031	U		0.0017	J		<0.0052	U	
		VMP-24-34-020215-DUP	2/2/2015	<0.0063	U		<0.0065	U		<0.0057	J	U	<0.0057	U		0.00073	J		<0.003	U		0.0021	J		<0.005	U	
		VMP-24-34-042715	4/27/2015	<0.0094	U		<0.0099	U		<0.0086	U		<0.0086	U		<0.0082	U		<0.0045	U		<0.0076	U		<0.0076	U	
		VMP-24-34-072115	7/21/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.0006	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-24-34-072115-DUP	7/21/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-24-34-102915	10/29/2015	<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-24-34-012716	1/27/2016	<0.0081	U		0.0018	J		<0.0074	U		<0.0074	U		0.0026	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-24-34-042916	4/29/2016	<0.0071	U		0.0012	J		<0.0065	U		<0.0065	U		0.0068			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-24-34-072716	7/27/2016	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.00082	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-24-34-072716-DUP	7/27/2016	<0.006	U		0.0012	J		<0.0054	U		<0.0054	U		0.0013	J		<0.0028	U		0.00087	J		<0.0048	U	
		VMP-24-34-102816	10/28/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0021	J		<0.0037	U		0.0046	J		<0.0063	U	
		VMP-24-34-102816-Dup	10/28/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.002	J		<0.0035	U		0.0039	J		<0.006	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	<0.065	U		<0.068	U		0.14			0.13			30			<0.031	U		0.26			0.15		
		VMP-25-5-040811	4/8/2011	<0.03	U		<0.031	U		<0.027	U		<0.027	U		0.73			<0.014	U		<0.024	U		<0.024	U	
		VMP-25-5-080911	8/9/2011	0.0019	J		0.0015	J		0.0041	J		0.0015	J		0.076			<0.003	U		0.027			0.0078		
		VMP-25-5-111711	11/17/2011	<0.0045	U		<0.0047	U		<0.0041	U		<0.0041	U		0.0029	J		<0.0021	U		<0.0036	U		<0.0036	U	
		VMP-25-5-013112	1/31/2012	<0.033	U		<0.034	U		<0.03	U		<0.03	U		1.1			<0.016	U		0.0074	J		<0.026	U	
		VMP-25-5-042512	4/25/2012	<0.0051	U		<0.0054	U		<0.0047	J	U	<0.0047	U		0.0025	J		<0.0024	U		0.0068			0.0025	J	
		VMP-25-5-072612	7/26/2012	<0.018	U		<0.018	U		0.0076	J		0.0036	J		<0.015	U		<0.0084	U		0.028			0.011	J	
		VMP-25-5-102612	10/26/2012	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.067			<0.0034	U		0.001	J		<0.0058	U	
		VMP-25-5-030613	3/6/2013	<0.0069	U		0.00096	J		0.0034	J		<0.0063	U		0.072	J	J	<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-25-5-051713	5/17/2013	<0.0074	U		0.0014	J		<0.0067	J	U	<0.0067	U		0.0066			<0.0035	U		<0.0059	J	U	<0.0059	U	
		VMP-25-5-081513	8/15/2013	<0.0089	U		<0.0093	U		<0.0082	U		<0.0082	U		0.034		J	<0.0042	U		0.0024	J		<0.0072	U	
		VMP-25-5-081513-Dup	8/15/2013	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.051		J	<0.0036	U	UJ	0.0017	J		<0.006	U	
		VMP-25-5-111313	11/13/2013	<0.007	U		<0.0074	U		0.068			0.023			0.0017	J		<0.0033	U		0.0063			0.0047	J	
		VMP-25-5-050114	5/1/2014	<0.0073	U		<0.0077	U		0.00057	J		<0.0067	U		0.0024	J		<0.0035	U		0.00049	J		<0.0059	U	
		VMP-25-5-081414	8/14/2014	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0024	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-25-5-110514	11/5/2014	<0.0068	U		0.0012	J		<0.0062	U		<0.0062	U		0.00086	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-25-5-021115	2/11/2015	<0.0065	U		<0.0068	U		0.044			0.014			0.073			<0.0031	U		0.22			0.097		
		VMP-25-5-050715	5/7/2015	<0.0073	U		<0.0077	U		<0.0067	J	U	<0.0067	U		0.002	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-25-5-073015	7/30/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-25-5-110515	11/5/2015	<0.007	U		<0.0073	U		0.11	J0	J	0.016			0.096			<0.0033	U		0.017			0.0021	J	
		VMP-25-5-021616	2/16/2016	<0.007	U		<0.0073	U		0.0041	J		<0.0064	U		0.023			<0.0033	U		0.0016	J		<0.0057	U	
		VMP-25-5-050416	5/4/2016	<0.13	U		<0.14	U		<0.12	U		<0.12	U		20			<0.062	U		<0.1	U		<0.1	U	
		VMP-25-5-080316	8/3/2016	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		0.0079			<0.004	U		0.0012	J		<0.0068	U	
		VMP-25-5-103116	10/31/2016	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
	21 ft	VMP-25-21-031511	3/15/2011	<13	U		<13	U		1.9	J		<12	U		<11	U		<6	U		18			4.6	J	
		VMP-25-21-031511-DUP	3/15/2011	<16	U		<17	U		<15	U		<15	U		<14	U		<7.7	U		18			5.3	J	
		VMP-25-21-040811	4/8/2011	<140	U		<140	U		<120	U		<120	U		<120	U		<64	U		16	J		<110	U	
		VMP-25-21-040811-DUP	4/8/2011	<140	U		<140	U		<120	U		<120	U		<120	U		<65	U		14	J		<110	U	
		VMP-25-21-080911	8/9/2011	54			<46	U		190			73			2400			<21	U		1000			280		
		VMP-25-21-111711	11/17/2011	<60	U		<63	U		<55	U		<55	U		720			<29	U		<49	U		<49	U	
		VMP-25-21-111711-DUP	11/17/2011	<89	U		<93	U		<82	U		<82	U		680			<42	U		<72	U		<72	U	
		VMP-25-21-013112	1/31/2012	<31	U		<33	U		<120	U		<29	U		<27	U		<15	U		<25	U		<25	U	
		VMP-25-21-013112-DUP	2/1/2012	<29	U		<31	U		<110	U		<27	U		<25	U		<14	U		<24	U		<24	U	
		VMP-25-21-042512	4/25/2012	<20	U		<21	U		<18	U		<18	U		<17	U		<9.5	U		<16	U		<16	U	
		VMP-25-21-072612	7/26/2012	<34	U		<35	U		<31	U		<31	U		<29	U		<16	U		<27	U		<27	U	
		VMP-25-21-102612	10/26/2012	14	J		<210	U		<180	U		<180	U		320			<97	U		<160	U		<160	U	
		VMP-25-21-030613	3/6/2013	<52	U		<54	U		<47	U		<47	U		400	J	J	<24	U		<42	U		<42	U	
		VMP-25-21-051713	5/17/2013	<36	U		<38	U		<33	U		<33	U		<32	U		<17	U		31			11	J	
		VMP-25-21-081513	8/15/2013	<18	U		<19	U		<17	U		<17	U		290		J	<8.8	U		4.4	J		<15	U	
		VMP-25-21-111313	11/13/2013	<49	U		<51	U		<45	U		<45	U		340			<23	U		<40	U		<40	U	
		VMP-25-21-111313-Dup	11/13/2013	<49	U		<51	U		<45	U		<45	U		350			<23	U		5.5	J		<40	U	
		VMP-25-21-050114	5/1/2014	<34	U		<35	U		<31	U		<31	U		420			<16	U		4.4	J		<27	U	
		VMP-25-21-081414	8/14/2014	<7.1	U		<7.4	U		<6.5	U		<6.5	U		550			<3.4	U	UJ	2.3	J		<5.7	U	
		VMP-25-21-110514	11/5/2014	<2.2	U		<2.3	U		0.54	J		<2	U		770			<1	U		1.1	J		0.33	J	
		VMP-25-21-021115	2/11/2015	<3.3	U		<3.5	U		<3	U		<3	U		480			<1.6	U		<2.7	U		<2.7	U	
		VMP-25-21-050715	5/7/2015	4.2	J		<6.8	U		<5.9	U		<5.9	U		450			<3.1	U		2.1	J		<5.2	U	
		VMP-25-21-073015	7/30/2015	<1.7	U		<1.8	U		0.25	J		<1.6	U		930			<0.82	U		0.35	J		<1.4	U	
		VMP-25-21-110515	11/5/2015	<1.5	U		<1.6	U		0.43	J		0.2	J		640			<0.73	U		1.6			0.69	J	
		VMP-25-21-050416	5/4/2016	<0.081	U		<0.085	U		<0.074	U		<0.074	U		0.33			<0.039	U		<0.066	U		<0.066	U	
		VMP-25-21-080316	8/3/2016	<0.0076	U		0.0018	J		<0.0069	U		<0.0069	U		0.0018	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-25-21-103116	10/31/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-25-21-103116-Dup	10/31/2016	<0.0066	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	31 ft	VMP-25-31-030613	3/6/2013	11	J		<71	U		<62	U		<62	U		990			<32	U		7	J		7.3	J	
		VMP-25-31-081513	8/15/2013	<36	U		<37	U		<33	U		<33	U		390		J	<17	U		<29	U		<29	U	
		VMP-25-31-111313	11/13/2013	10	J		<53	U		<46	U		<46	U		340			<24	U		<41	U		<41	U	
		VMP-25-31-050114	5/1/2014	<31	U		<32	U		<28	U		<28	U		2300			<15	U		<25	U		<25	U	
		VMP-25-31-081414	8/14/2014	<7.7	U		<8.1	U		<7.1	U		<7.1	U		540			<3.7	U	UJ	<6.2	U		<6.2	U	
		VMP-25-31-110514	11/5/2014	<3.5	U		<3.7	U		<3.2	U		<3.2	U		750			<1.7	U		1	J		<2.9	U	
		VMP-25-31-021115	2/11/2015	<3.2	U		<3.3	U		<2.9	U		<2.9	U		480			<1.5	U		<2.6	U		<2.6	U	
		VMP-25-31-021115-DUP	2/11/2015	<3.1	U		<3.3	U		<2.9	U		<2.9	U		460			<1.5	U		<2.5	U		<2.5	U	
		VMP-25-31-050715	5/7/2015	3.7	J		<9.1	U		<8	U		<8	U		420			<4.2	U		2.3	J		<7	U	
		VMP-25-31-050715-DUP	5/7/2015	<8.4	U		<8.8	U		<7.7	U		<7.7	U		400			<4	U		<6.8	U		<6.8	U	
		VMP-25-31-073015	7/30/2015	<2	U		<2.1	U		0.29	J		<1.8	U		830			<0.96	U		0.31	J		<1.6	U	
		VMP-25-31-073015-DUP	7/30/2015	<1.8	U		<1.9	U		0.37	J		<1.6	U		780			<0.85	U		0.35	J		<1.4	U	
		VMP-25-31-110515	11/5/2015	<1.4	U		<1.5	U		<1.3	U		<1.3	U		600			<0.69	U		0.25	J		<1.2	U	
		VMP-25-31-021616	2/16/2016	<2.2	U		<2.3	U		<2	U		<2	U		540			<1	U		0.52	J		0.25	J	
		VMP-25-31-021616-DUP	2/16/2016	<3.4	U		<3.6	U		<3.1	U		<3.1	U		560			<1.6	U		0.3	J		<2.8	U	
		VMP-25-31-050416	5/4/2016	<3.8	U		<3.9	U		<3.4	U		<3.4	U		580			<1.8	U		<3	U		<3	U	
		VMP-25-31-080316	8/3/2016	<0.14	U		<0.15	U		<0.13	U		<0.13	U		21			<0.069	U		<0.12	U		<0.12	U	
		VMP-25-31-080316-DUP	8/3/2016	<0.13	U		<0.13	U		<0.12	U		<0.12	U		19			<0.061	U		<0.1	U		<0.1	U	
		VMP-25-31-103116	10/31/2016	<0.065	U		<0.068	U		<0.059	U		<0.059	U		240	S		<0.031	U		<0.052	U		<0.052	U	
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	<0.057	U		<0.06	U		<0.052	U		<0.052	U		<0.05	U		<0.027	U		<0.046	U		<0.046	U	
		VMP-29-10-100812	10/8/2012	<0.1	U		<0.1	U		<0.092	U		<0.092	U		<0.088	U		<0.048	U		<0.082	U		<0.082	U	
		VMP-29-10-020613	2/6/2013	<0.0076	U		0.0012	J		<0.0069	U		<0.0069	U		<0.0066	J	U	<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-29-10-050613	5/6/2013	<0.0073	U		0.0011	J		<0.0067	U		<0.0067	U		0.013			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-29-10-080513	8/5/2013	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.00068	J		<0.0034	U		0.0023	J		0.0011	J	
		VMP-29-10-083013	8/30/2013	<0.008	U		<0.0083	U		0.0025	J		<0.0073	U		0.041			<0.0038	U		0.0067			0.0026	J	
		VMP-29-10-102513	10/25/2013	<0.0073	U		0.00095	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		0.001	J		<0.0059	U	
		VMP-29-10-021214	2/12/2014	<0.0064	U		0.0013	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		0.00061	J		<0.0052	U	
		VMP-29-10-042914	4/29/2014	<0.0073	U		<0.0077	U		<0.0067	U		<0.0067	U		0.012			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-29-10-081214	8/12/2014	<0.0077	U		0.0015	J		<0.0071	U		<0.0071	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-29-10-110314	11/3/2014	<0.0074	U		<0.0078	J	U	<0.0068	J	U	<0.0068	U		0.002	J		<0.0035	U		<0.006	J	U	<0.006	U	
		VMP-29-10-020515	2/5/2015	<0.0071	U		<0.0074	U		<0.0065	J	U	<0.0065	U		0.0062			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-29-10-050615	5/6/2015	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		0.005	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-29-10-072715	7/27/2015	<0.0073	U		<0.0076	U		0.0019	J		0.0012	J		0.0074			<0.0035	U		0.0034	J		0.0012	J	
		VMP-29-10-103015	10/30/2015	<0.007	U		0.0018	J		<0.0064	U		<0.0064	U		0.0014	J		0.002	J		0.003	J		<0.0057	U	
		VMP-29-10-012716	1/27/2016	<0.0069	U		0.0018	J		<0.0063	U		<0.0063	U		0.0032	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-29-10-050216	5/2/2016	<0.0072	U		<0.0076	U		0.0019	J		0.0006	J		<0.0063	U		<0.0034	U		0.0048	J		0.002	J	
		VMP-29-10-072816	7/28/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-29-10-120916	12/9/2016	<0.0066	U		<0.0069	U		0.00082	J		<0.006	U		0.001	J	J	<0.0031	U		0.01			0.0048	J	
	20 ft	VMP-29-20-073012	7/30/2012	<0.67	U		<0.7	U		<0.62	U		<0.62	U		<0.59	U		<0.32	U		<0.54	U		<0.54	U	
		VMP-29-20-073012-Dup	7/30/2012	<0.63	U		<0.66	U		<0.58	U		<0.58	U		<0.55	U		<0.3	U		<0.51	U		<0.51	U	
		VMP-29-20-100812	10/8/2012	<0.1	U		<0.1	U		<0.092	U		<0.092	U		<0.088	U		<0.048	U		<0.082	U		<0.082	U	
		VMP-29-20-020613	2/6/2013	<0.0074	U		<0.0078	J	U	<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		0.002	J		<0.006	U	
		VMP-29-20-050613	5/6/2013	<0.03	U		<0.031	U		<0.027	U		<0.027	U		<0.026	U		<0.014	U		<0.024	U		<0.024	U	
		VMP-29-20-080513	8/5/2013	<0.038	U		<0.039	U		<0.034	U		<0.034	U		<0.033	U		<0.018	U		<0.03	U		<0.03	U	
		VMP-29-20-102513	10/25/2013	<0.012	U		0.0014	J		<0.011	U		<0.011	U		0.0046	J		<0.0059	U		0.0023	J		<0.01	U	
		VMP-29-20-021214	2/12/2014	<0.0068	U		0.0012	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0032	U		0.001	J		<0.0055	U	
		VMP-29-20-042914	4/29/2014	<0.0066	U		<0.0068	U		<0.006	U		<0.006	U		0.0053	J		<0.0031	U		0.0022	J		<0.0053	U	
		VMP-29-20-081214	8/12/2014	<0.0076	U		0.0017	J		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-29-20-110314	11/3/2014	<0.0074	U		<0.0078	J	U	<0.0068	J	U	<0.0068	U		0.0016	J		<0.0035	U		<0.006	J	U	<0.006	U	
		VMP-29-20-020515	2/5/2015	<0.0072	U		<0.0076	U		<0.0066	J	U	<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-29-20-050615	5/6/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		0.0026	J		<0.0063	U	
		VMP-29-20-072715	7/27/2015	<0.0096	U		<0.01	U		<0.0088	J	U	0.0012	J		0.019			<0.0046	U		0.0061	J		0.0021	J	
		VMP-29-20-103015	10/30/2015	<0.0072	U		0.0026	J		0.0011	J		<0.0066	U		0.0017	J		<0.0034	U		0.0024	J		<0.0058	U	
	18 ft	VMP-29-20-020416-R	2/4/2016	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-29-20-050216	5/2/2016	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		0.0079			<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-29-20-072816	7/28/2016	<0.015	U		<0.016	U		<0.014	U		<0.014	U		<0.013	U		<0.0072	U		<0.012	U		<0.012	U	
		VMP-29-18-110316	11/3/2016	<0.014	U		<0.015	U		<0.013	U		<0.013	U		<0.012	U		<0.0067	U		<0.011	U		<0.011	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	26 ft	VMP-29-30-073012	7/30/2012	<0.11	U		<0.12	U		<0.1	U		<0.1	U		<0.096	U		<0.053	U		<0.089	U		<0.089	U	
		VMP-29-30-100812	10/8/2012	<0.5	U		<0.52	U		<0.45	U		<0.45	U		<0.43	U		<0.24	U		<0.4	U		<0.4	U	
		VMP-29-30-020613	2/6/2013	<0.0078	U		<0.0081	J	U	<0.0071	U		<0.0071	U		<0.0068	J	U	<0.0037	U		0.0021	J		<0.0063	U	
		VMP-29-30-050613	5/6/2013	<0.026	U		<0.027	U		<0.024	U		<0.024	U		0.0061	J		<0.012	U		<0.021	U		<0.021	U	
		VMP-29-30-080513	8/5/2013	<0.039	U		<0.041	U		<0.036	U		<0.036	U		<0.034	U		<0.019	U		<0.032	U		<0.032	U	
		VMP-29-30-080513-Dup	8/5/2013	<0.064	U		<0.067	U		<0.058	U		<0.058	U		<0.056	U		<0.03	U		<0.052	U		<0.052	U	
		VMP-29-30-102513	10/25/2013	<0.01	U		0.001	J		<0.0091	U		<0.0091	U		<0.0087	U		<0.0047	U		<0.008	J	U	<0.008	U	
		VMP-29-30-021214	2/12/2014	<0.0062	U		0.00088	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-29-30-042914	4/29/2014	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.0095			<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-29-30-081214	8/12/2014	<0.053	U		<0.055	U		<0.048	U		<0.048	U		<0.046	U		<0.025	U		<0.043	U		<0.043	U	
		VMP-29-30-111214-R	11/12/2014	<0.0066	U		0.0019	J		0.0067			<0.006	J	U	<0.0057	U		<0.0031	U		0.005	J		<0.0053	J	U
		VMP-29-30-111214-R-DUP	11/12/2014	<0.0065	U		0.0017	J		0.0069			<0.0059	J	U	<0.0056	U		<0.0031	U		0.0054			<0.0052	J	U
		VMP-29-30-020615	2/6/2015	<0.0069	U		<0.0072	U		<0.0063	J	U	<0.0063	U		0.0059	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-29-30-050615	5/6/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0074		J	<0.0036	U		0.0011	J		<0.006	U	
		VMP-29-30-050615-DUP	5/6/2015	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.025		J	<0.0034	U		0.0025	J		<0.0058	U	
		VMP-29-30-080315	8/3/2015	<0.008	U		0.0024	J		0.0037	J		0.0014	J		<0.007	U		<0.0038	U		0.0033	J		<0.0065	U	
		VMP-29-30-103015	10/30/2015	<0.0064	U		0.0021	J		<0.0058	U		<0.0058	U		0.00095	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-29-30-012716	1/27/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0027	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-29-30-050216	5/2/2016	<0.026	U		<0.027	U		<0.024	U		<0.024	U		<0.023	U		<0.012	U		<0.021	U		<0.021	U	
		VMP-29-30-072816	7/28/2016	<0.018	U		<0.018	U		<0.016	U		<0.016	U		0.0043	J		<0.0084	U		0.0049	J		<0.014	U	
		VMP-29-26-110316	11/3/2016	<0.007	U		0.0014	J		0.0077			<0.0064	U		0.0059	J		<0.0033	U		0.2			0.052		
		VMP-29-26-110316-Dup	11/3/2016	<0.0068	U		0.0012	J		0.0079			<0.0062	U		0.0052	J		<0.0032	U		0.2			0.053		
VMP-30	10 ft	VMP-30-10-073012	7/30/2012	<0.2	U		<0.21	U		<0.18	U		<0.18	U		<0.17	U		<0.096	U		<0.16	U		<0.16	U	
		VMP-30-10-100812	10/8/2012	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.036			<0.0036	U		<0.0061	J	U	<0.0061	U	
		VMP-30-10-020613	2/6/2013	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		0.0019	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-30-10-050613	5/6/2013	<0.0076	U		0.0015	J		<0.007	U		<0.007	U		0.016			<0.0036	U		0.0018	J		<0.0062	U	
		VMP-30-10-080513	8/5/2013	<0.015	U		<0.016	U		<0.014	U		<0.014	U		0.0016	J		<0.0071	U		<0.012	U		<0.012	U	
		VMP-30-10-102813	10/28/2013	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		0.0037	J		<0.0063	U	
		VMP-30-10-021214	2/12/2014	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		0.00079	J		<0.0062	U	
		VMP-30-10-042914	4/29/2014	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.00066	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-30-10-080814	8/8/2014	<0.008	U		0.0018	J		<0.0073	U		<0.0073	U		<0.007	U		<0.0038	U		0.0013	J		<0.0065	U	
		VMP-30-10-110414	11/4/2014	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		0.00078	J		<0.0034	U		0.0015	J		<0.0057	U	
		VMP-30-10-020615	2/6/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.006	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-30-10-050515	5/5/2015	<0.0063	U		<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-30-10-072715	7/27/2015	<0.007	U		<0.0073	J	U	0.0018	J		<0.0064	U		0.0066			<0.0033	U		0.0045	J		0.0012	J	
		VMP-30-10-103015	10/30/2015	<0.0067	U		0.0015	J		0.003	J		<0.0062	U		<0.0059	U		<0.0032	U		0.0036	J		0.0019	J	
		VMP-30-10-020416	2/4/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-30-10-050216	5/2/2016	<0.0069	U		<0.0072	U		0.003	J		<0.0063	U		<0.006	U		<0.0033	U		0.0076			0.0033	J	
		VMP-30-10-072816	7/28/2016	<0.03	U		<0.031	U		<0.027	U		<0.027	U		<0.026	U		<0.014	U		<0.024	U		<0.024	U	
		VMP-30-10-110316	11/3/2016	<0.0068	U		<0.0071	U		0.02			0.0059	J		0.012			<0.0032	U		0.24			0.077		
	18 ft	VMP-30-20-073012	7/30/2012	<0.85	U		<0.89	U		<0.78	U		<0.78	U		<0.74	U		<0.41	U		<0.69	U		<0.69	U	
		VMP-30-20-100812	10/8/2012	<0.31	U		<0.32	U		<0.28	U		<0.28	U		<0.27	U		<0.15	U		<0.25	U		<0.25	U	
		VMP-30-20-020613	2/6/2013	<0.0071	U		<0.0074	J	U	<0.0065	J	U	<0.0065	J	U	<0.0062	J	U	<0.0034	U		0.0015	J		<0.0057	U	
		VMP-30-20-050613	5/6/2013	<0.075	U		<0.078	U		<0.068	U		<0.068	U		<0.065	U		<0.036	U		<0.06	U		<0.06	U	
		VMP-30-20-080513	8/5/2013	<0.03	U		<0.031	U		<0.028	U		<0.028	U		0.025	J		<0.014	U		0.0027	J		<0.024	U	
		VMP-30-20-102813	10/28/2013	<0.01	U		<0.011	U		<0.0096	U		<0.0096	U		<0.0091	U		<0.005	U		<0.0084	U		<0.0084	U	
		VMP-30-20-021214	2/12/2014	<0.0065	U		0.0011	J		<0.006	U		<0.006	U		0.015			<0.0031	U		0.00085	J		<0.0053	U	
		VMP-30-20-042914	4/29/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-30-20-080814	8/8/2014	0.0042	J		<0.0085	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		0.001	J		<0.0066	U	
		VMP-30-20-110414	11/4/2014	<0.0071	U		<0.0075	J	U	<0.0065	U		<0.0065	U		0.0023	J		<0.0034	U		0.0018	J		<0.0058	U	
		VMP-30-20-020615	2/6/2015	<0.0068	J	U	<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.00089	J		<0.0055	U	
		VMP-30-20-050515	5/5/2015	<0.0072	U		0.0014	J		<0.0066	U		<0.0066	U		0.0014	J		<0.0034	U		0.001	J		<0.0058	U	
		VMP-30-20-072715	7/27/2015	<0.018	U		<0.018	U		<0.016	U		<0.016	U		0.0044	J		<0.0084	U		0.0032	J		<0.014	U	
		VMP-30-20-103015	10/30/2015	<0.0078	U		<0.0081	U		0.0014	J		<0.0071	U		0.0048	J		<0.0037	U		0.0057	J		0.0014	J	
		VMP-30-20-012716	1/27/2016	<0.0071	U		0.0018	J		0.0025	J		<0.0065	U		0.028			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-30-20-050216	5/2/2016	<0.0081	U		<0.0084	U		0.003	J		<0.0074	U		0.0041	J		<0.0038	U		0.0042	J		0.0015	J	
		VMP-30-20-072816	7/28/2016	<0.033	U		<0.034	U		<0.03	U		<0.03	U		<0.028	U		<0.016	U		<0.026	U		<0.026	U	
		VMP-30-18-110316	11/3/2016	<0.007	U		0.0013	J		0.012			0.0042	J		<0.0061	J	U	<0.0033	U		0.22			0.064		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-30	26 ft	VMP-30-30-073012	7/30/2012	<0.88	U		<0.92	U		<0.8	U		<0.8	U		<0.76	U		<0.42	U		<0.71	U		<0.71	U	
		VMP-30-30-100812	10/8/2012	<0.65	U		<0.68	U		<0.59	U		<0.59	U		0.1	J		<0.31	U		<0.52	U		<0.52	U	
		VMP-30-30-020613	2/6/2013	<0.024	U		<0.025	U		<0.022	U		<0.022	U		<0.02	U		<0.011	U		<0.019	U		<0.019	U	
		VMP-30-30-050613	5/6/2013	<0.042	U		<0.044	U		<0.039	U		<0.039	U		<0.037	U		<0.02	U		<0.034	U		<0.034	U	
		VMP-30-30-081413	8/14/2013	<0.008	U		<0.0083	U		0.004	J		<0.0073	U		0.063			<0.0038	U	UJ	0.0036	J		<0.0064	U	
		VMP-30-30-102813	10/28/2013	<0.027	U		<0.029	U		<0.025	U		<0.025	U		0.0092	J		<0.013	U		<0.022	U		<0.022	U	
		VMP-30-30-021214	2/12/2014	<0.52	U		<0.54	U		<0.47	U		<0.47	U		<0.45	U		<0.24	U		0.065	J		<0.42	U	
		VMP-30-30-042914	4/29/2014	<0.17	U		<0.17	U		<0.15	U		<0.15	U		<0.14	U		<0.079	U		<0.13	U		<0.13	U	
		VMP-30-30-042914-DUP	4/29/2014	<0.18	U		<0.19	U		<0.16	U		<0.16	U		0.26			<0.085	U		<0.14	U		<0.14	U	
		VMP-30-30-080814	8/8/2014	<0.0073	U		0.0019	J		<0.0067	J	U	<0.0067	U		<0.0063	U		<0.0035	U		0.0024	J		<0.0059	U	
		VMP-30-30-110414	11/4/2014	<0.0064	U		0.0015	J		<0.0058	U		<0.0058	U		0.00079	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-30-30-020615	2/6/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0016	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-30-30-050515	5/5/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0022	J		<0.0033	U		0.0031	J		<0.0056	U	
		VMP-30-30-050515-DUP	5/5/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0018	J		<0.0036	U		0.0013	J		<0.006	U	
		VMP-30-30-072715	7/27/2015	<0.0079	U		<0.0083	U		0.002	J		0.00088	J		0.021			<0.0038	U		0.005	J		0.0012	J	
		VMP-30-30-103015	10/30/2015	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.0013	J		<0.0031	U		0.0014	J		<0.0052	U	
		VMP-30-30-012716	1/27/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		0.0017	J		<0.0056	U	
		VMP-30-30-050216	5/2/2016	<0.0081	U		<0.0084	U		0.0029	J		<0.0074	U		<0.007	U		<0.0038	U		0.003	J		0.0014	J	
		VMP-30-30-072816	7/28/2016	<0.065	U		<0.068	U		<0.06	U		<0.06	U		<0.057	U		<0.031	U		<0.053	U		<0.053	U	
		VMP-30-30-072816-DUP	7/28/2016	<0.052	U		<0.054	U		<0.047	U		<0.047	U		<0.045	U		<0.024	U		<0.042	U		<0.042	U	
		VMP-30-26-110316	11/3/2016	<0.0074	U		<0.0078	U		0.014			0.0042	J		<0.0065	J	U	<0.0035	U		0.26			0.073		
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	<0.0051	U		0.0014	J		<0.0047	J	U	<0.0047	J	U	0.00098	J		<0.0024	U		0.011			0.0035	J	
		VMP-31-5-072012	7/20/2012	<0.0051	U		0.0011	J		0.00088	J		<0.0047	U		<0.0045	U		<0.0024	U		0.0017	J		<0.0041	U	
		VMP-31-5-102612	10/26/2012	<0.0074	U		<0.0078	U		0.002	J		<0.0068	U		0.093			<0.0035	U		0.003	J		<0.006	U	
		VMP-31-5-021113	2/11/2013	<0.0069	U		0.0013	J		0.014			0.0053	J		0.013			<0.0033	U		0.033			0.015		
		VMP-31-5-051513	5/15/2013	<0.0079	U		0.0015	J		<0.0072	U		<0.0072	U		0.0075			<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-31-5-022614	2/26/2014	<0.0061	U		<0.0064	J	U	<0.0056	J	U	<0.0056	J	U	0.058			<0.0029	U		<0.005	J	U	<0.005	J	U
	10 ft	VMP-31-10-042512	4/25/2012	<0.0068	U		0.0012	J		<0.0063	J	U	<0.0063	J	U	0.029			<0.0032	U		0.007			0.0031	J	
		VMP-31-10-072612	7/26/2012	<0.0052	U		0.0012	J		0.0028	J		0.0012	J		<0.0046	U		<0.0025	U		0.011			0.0033	J	
		VMP-31-10-102612	10/26/2012	<0.008	U		<0.0083	U		0.0021	J		<0.0073	U		0.095			<0.0038	U		0.0026	J		<0.0064	U	
		VMP-31-10-021313	2/13/2013	<0.0076	U		<0.0079	U		0.008	J	J	0.0036	J		0.05			<0.0036	U		0.041			0.016		
		VMP-31-10-051713	5/17/2013	<0.0086	U		<0.009	U		<0.0079	J	U	<0.0079	U		0.0032	J		<0.0041	U		<0.007	J	U	<0.007	U	
		VMP-31-10-111313	11/13/2013	<0.0067	U		0.0012	J		<0.0062	U		<0.0062	U		0.0071			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-31-10-022714	2/27/2014	<0.0068	U		0.0016	J		0.0085			0.034			0.0054	J		<0.0032	U		0.003	J		<0.0055	U	
	20 ft	VMP-31-20-101912	10/19/2012	<7.4	U		<7.8	U		<6.8	U		<6.8	U		960			<3.5	U		0.69	J		<6	U	
		VMP-31-20-021113	2/11/2013	<0.1	U		<0.11	U		<0.097	U		<0.097	U		87			<0.05	U		<0.086	U		<0.086	U	
		VMP-31-20-111213	11/12/2013	<0.0066	U		<0.0069	U		0.013			0.0041	J		0.013			<0.0032	U		0.0024	J		<0.0054	U	
	30 ft	VMP-31-30-042512	4/25/2012	<2.6	U		<2.8	U		0.42	J		<2.4	U		220			<1.2	U		2.6			<2.1	U	
		VMP-31-30-042512-Dup	4/25/2012	<2.6	U		<2.8	U		0.44	J		<2.4	U		240			<1.2	U		2.8			<2.1	U	
		VMP-31-30-072012	7/20/2012	<0.51	U		<0.54	U		<0.47	U		<0.47	U		17			<0.24	U		<0.41	U		<0.41	U	
		VMP-31-30-101912	10/19/2012	<0.46	U		<0.48	U		<0.42	U		<0.42	U		17			<0.22	U		0.087	J		<0.37	U	
		VMP-31-30-021113	2/11/2013	<7.6	U		<7.9	U		<6.9	U		<6.9	U		400			<3.6	U		2.1	J		7.2		
		VMP-31-30-050713	5/7/2013	<64	U		<67	U		20	J		<58	U		2100			<30	U		150			43	J	
		VMP-31-30-080913	8/9/2013	0.0033	J		0.0062	J		<0.0077	U		<0.0077	U		0.055			<0.004	U		<0.0068	U		<0.0068	U	
		VMP-31-30-111213	11/12/2013	<0.0067	U		0.0036	J		0.0022	J		0.0068			0.96			<0.0032	U		<0.0054	U		0.0028	J	
		VMP-31-30-022614	2/26/2014	<33	U		<34	U		27	J		13	J		5700			<16	U		200			45		
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	<0.005	U		0.0012	J		<0.0046	J	U	<0.0046	J	U	0.0036	J		<0.0024	U		0.0069			0.0031	J	
		VMP-32-5-072012	7/20/2012	<0.0045	U		0.0011	J		0.0022	J		0.00095	J		0.023			<0.0021	U		0.0035	J		0.0016	J	
		VMP-32-5-101812	10/18/2012	<0.0086	U		<0.009	U		0.0013	J	J	<0.0078	U		0.22			<0.0041	U		0.0027	J		<0.0069	U	
		VMP-32-5-020513	2/5/2013	<0.0068	U		<0.0071	J	U	<0.0062	J	U	<0.0062	U		0.0086			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-32-5-050713	5/7/2013	<0.0073	U		0.0017	J		<0.0067	U		<0.0067	U		0.002	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-32-5-080213	8/2/2013	<0.0085	U		0.0012	J		<0.0078	U		<0.0078	U		<0.0074	U		<0.004	U		0.00085	J		<0.0069	U	
		VMP-32-5-110813	11/8/2013	0.065			0.0014	J		<0.0071	U		<0.0071	U		0.0089			<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-32-5-050114	5/1/2014	<0.006	U		<0.0063	U		<0.0055	U		<0.0055	U		0.00069	J		<0.0028	U		0.0025	J		0.0011	J	
		VMP-32-5-081314	8/13/2014	<0.0073	U		<0.0077	U		<0.0067	U		<0.0067	U		0.00061	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-32-5-110714	11/7/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0024	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-32-5-021015	2/10/2015	<0.0055	U		<0.0058	U		<0.0051	J	U	<0.0051	U		0.0014	J		<0.0026	U		<0.0045	U		<0.0045	U	
		VMP-32-5-073115	7/31/2015	<0.0075	U	UJ	<0.0078	U	UJ	0.0015	J	J	<0.0068	U	UJ	<0.0065	U	UJ	<0.0036	U	UJ	0.0029	J	J	0.0013	J	J
		VMP-32-5-082415	8/24/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-32-5-110415	11/4/2015	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.0022	J		<0.0038	U		<0.0066	U		<0.0066	U	
		VMP-32-5-012616	1/26/2016	<0.0067	U		0.0021	J		<0.0061	U		<0.0061	U		0.0074			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-32-5-042716	4/27/2016	<0.0073	U		0.0016	J		<0.0067	U		<0.0067	U		0.0056	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-32-5-072616	7/26/2016	<0.0078	U		0.0017	J		<0.0071	U		<0.0071	U		0.0013	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-32-5-102716	10/27/2016	<0.0065	U		0.0015	J		<0.0059	U		<0.0059	U		0.0082			<0.0031	U		0.003	J		<0.0052	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	10 ft	VMP-32-10-041612	4/16/2012	<0.0046	U		0.0015	J		<0.0042	U		<0.0042	U		0.0082			<0.0022	U		0.0042			<0.0037	U	
		VMP-32-10-072012	7/20/2012	<0.0053	U		0.0015	J		0.0015	J		<0.0048	U		0.016			<0.0025	U		0.0024	J		0.0011	J	
		VMP-32-10-101812	10/18/2012	<0.008	U		<0.0083	U		<0.0073	U	UJ	<0.0073	U		0.093			<0.0038	U		0.0018	J		<0.0064	U	
		VMP-32-10-020513	2/5/2013	<0.0068	U		<0.0071	J	U	<0.0062	U		<0.0062	U		0.0084			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-32-10-050713	5/7/2013	<0.0076	U		0.0021	J		<0.0069	U		<0.0069	U		0.025			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-32-10-080213	8/2/2013	<0.0073	U		0.0012	J		<0.0067	U		<0.0067	U		0.14			<0.0035	U		0.00097	J		<0.0059	U	
		VMP-32-10-082313-R	8/23/2013	0.0024	J		<0.0082	U		<0.0072	U		<0.0072	U		0.024		J	<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-32-10-082313-R-DUP	8/23/2013	<0.0085	U		0.0017	J		<0.0078	U		<0.0078	U		0.039		J	<0.004	U		<0.0069	U		<0.0069	U	
		VMP-32-10-110813	11/8/2013	<0.0075	U		0.0017	J		<0.0068	U		<0.0068	U		0.0059	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-32-10-022814	2/28/2014	<0.0066	U		0.0012	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-32-10-050114	5/1/2014	<0.0059	U		<0.0062	U		<0.0054	U		<0.0054	U		0.00066	J		<0.0028	U		<0.0048	U		<0.0048	U	
		VMP-32-10-081314	8/13/2014	<0.0078	U		<0.0081	U		0.0027	J		<0.0071	U		0.00062	J		<0.0037	U		0.002	J		0.0013	J	
		VMP-32-10-110714	11/7/2014	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.029			<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-32-10-021015	2/10/2015	<0.0066	U		<0.0069	U		<0.006	J	U	<0.006	U		<0.0057	U		<0.0031	U		0.0031	J		<0.0053	U	
		VMP-32-10-051115	5/11/2015	<0.0085	U	UJ	<0.0089	U	UJ	<0.0078	U	UJ	<0.0078	U	UJ	<0.0074	U	UJ	<0.004	U	UJ	<0.0069	U	UJ	<0.0069	U	UJ
		VMP-32-10-052915-R	5/29/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0027	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-32-10-110415	11/4/2015	<0.0072	U		0.0023	J		<0.0066	U		<0.0066	U		0.001	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-32-10-012616	1/26/2016	<0.007	U		0.0022	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-32-10-042716	4/27/2016	<0.0067	U		0.0013	J		<0.0061	U		<0.0061	U		0.0011	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-32-10-072616	7/26/2016	<0.007	U		0.0021	J		<0.0064	J	U	<0.0064	U		0.068			<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-32-10-102716	10/27/2016	<0.007	U		0.0013	J		<0.0064	U		<0.0064	U		0.00087	J		<0.0033	U		0.032			0.0092		
	20 ft	VMP-32-20-041612	4/16/2012	<0.1	U		<0.11	U		<0.096	U		<0.096	U		24			<0.05	U		0.046	J		<0.085	U	
		VMP-32-20-072012	7/20/2012	<0.0051	U		0.0012	J		0.0011	J		<0.0047	U		0.0026	J		<0.0024	U		0.0014	J		<0.0041	U	
		VMP-32-20-101812	10/18/2012	<0.0074	U		0.0015	J		<0.0068	U	UJ	<0.0068	U		0.14			<0.0035	U		0.0016	J		<0.006	U	
		VMP-32-20-020513	2/5/2013	<0.0076	U		<0.0079	J	U	<0.0069	U		<0.0069	U		0.028			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-32-20-050713	5/7/2013	<0.0083	U		0.0016	J		<0.0076	U		<0.0076	U		0.0022	J		<0.0039	U		0.0037	J		0.0022	J	
		VMP-32-20-050713-Dup	5/7/2013	<0.0076	U		0.0012	J		<0.007	U		<0.007	U		0.002	J		<0.0036	U		0.0037	J		0.0021	J	
		VMP-32-20-080213	8/2/2013	<0.008	U		0.0011	J		<0.0073	U		<0.0073	U		0.0017	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-32-20-110813	11/8/2013	<0.0077	U		0.0018	J		<0.0071	U		<0.0071	U		0.0023	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-32-20-022814	2/28/2014	<0.0063	U		0.0013	J		0.0072			0.0021	J		<0.0054	U		<0.003	U		0.0016	J		0.001	J	
		VMP-32-20-050514	5/5/2014	<0.0063	U		<0.0065	U		0.0074			0.0029	J		0.007			<0.003	U		0.006			0.0025	J	
		VMP-32-20-081314	8/13/2014	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		0.0061	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-32-20-110714	11/7/2014	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0018	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-32-20-021015	2/10/2015	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-32-20-051115	5/11/2015	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-32-20-080315	8/3/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-32-20-110415	11/4/2015	<0.0071	U		0.0019	J		0.0036	J		<0.0065	U		0.0049	J		<0.0034	U		0.0036	J		<0.0057	U	
		VMP-32-20-110415-DUP	11/4/2015	<0.0077	U		0.0024	J		0.0034	J		<0.007	U		0.005	J		<0.0036	U		0.0044	J		<0.0062	U	
		VMP-32-20-021616	2/16/2016	<0.0062	U		0.0015	J		<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-32-20-042716	4/27/2016	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0015	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-32-20-082616-R	8/29/2016	<0.0093	U		<0.0097	U		<0.0085	U		<0.0085	U		0.0007	J		<0.0044	U		<0.0075	U		<0.0075	U	
		VMP-32-20-102716	10/27/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.016			0.0049	J	
	30 ft	VMP-32-30-041612	4/16/2012	<2.5	U		<2.6	U		0.45	J		<2.3	U		710			<1.2	U		18			3.7		
		VMP-32-30-072012	7/20/2012	<5.2	U		<5.4	U		<4.7	U		<4.7	U		470			<2.5	U		<4.2	U		<4.2	U	
		VMP-32-30-101812	10/18/2012	<0.3	U		<0.31	U		<0.27	U		<0.27	U		27			<0.14	U		<0.24	U		<0.24	U	
		VMP-32-30-020513	2/5/2013	<0.3	U		<0.32	U		<0.28	U		<0.28	U		140			<0.14	U		<0.24	U		<0.24	U	
		VMP-32-30-050713	5/7/2013	<7.8	U		<8.1	U		15			8.4			1500			<3.7	U		180			37		
		VMP-32-30-080213	8/2/2013	<1.2	U		<1.3	U		21			17			930			<0.58	U		57			0.8	J	
		VMP-32-30-110813	11/8/2013	<0.39	U		<0.4	U		<0.35	U		<0.35	U		150			<0.18	U		0.17	J		<0.31	U	
		VMP-32-30-022814	2/28/2014	<0.0063	U		<0.0065	U		<0.0057	U		<0.0057	U		0.3		J	0.0013	J		0.00092	J		<0.005	U	
		VMP-32-30-022814-Dup	2/28/2014	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.43		J	0.0022	J		0.00067	J		<0.0058	U	
		VMP-32-30-050114	5/1/2014	<0.83	U		<0.87	U		<0.76	U		2.4			320			<0.39	U		4			0.48	J	
		VMP-32-30-081314	8/13/2014	<0.0077	U		<0.0081	U		0.0098			<0.0071	J	U	0.036			<0.0037	U		0.018			0.0063		
		VMP-32-30-081314-DUP	8/13/2014	<0.0071	U		<0.0074	U		0.0086			<0.0065	J	U	0.046			<0.0034	U		0.02			0.0074		
		VMP-32-30-110714	11/7/2014	<0.014	U		<0.015	U		0.22			0.34			0.056			<0.0067	U		0.05		J	0.033		J
		VMP-32-30-110714-DUP	11/7/2014	<0.016	U		<0.017	U		0.28			0.37			0.057			<0.0076	U		0.1		J	0.065		J
		VMP-32-30-021015	2/10/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0014	J		<0.0032	U		<0.0055	J	U	<0.0055	U	
		VMP-32-30-050515	5/5/2015	<0.0071	U		0.0017	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-32-30-073115	7/31/2015	<0.0075	U	UJ	<0.0078	U	UJ	0.023		J	0.0053	J	J	0.0045	J	J	<0.0036	U	UJ	0.026		J	0.0094		J
		VMP-32-30-073115-DUP	7/31/2015	<0.0084	U	UJ	<0.0087	U	UJ	0.021		J	0.0054	J	J	0.0046	J	J	<0.004	U	UJ	0.017		J	0.0074		J
		VMP-32-30-082415	8/24/2015	<0.0075	U		<0.0079	U		0.0009	J		<0.0069	U		0.0059	J		<0.0036	U		0.0023	J		<0.0061	U	
		VMP-32-30-082415-DUP	8/24/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0061	J		<0.0035	U		0.0021	J		<0.0059	U	
		VMP-32-30-110415	11/4/2015	<0.0078	U		0.002	J		0.0047	J		<0.0072	J	U	0.008			<0.0037	U		0.0024	J		<0.0063	U	
		VMP-32-30-020216	2/2/2016	<0.0069	U		0.0013	J		<0.0063	U		<0.0063	U		0.0013	J		<0.0033	U		0.0012	J		<0.0056	U	
		VMP-32-30-042716	4/27/2016	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0011	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-32-30-072616	7/26/2016	<0.0076	U		0.0017	J		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-32-30-102716	10/27/2016	<0.0071	U		0.0013	J		<0.0065	U		<0.0065	U		0.0065			<0.0034	U		0.0048	J		0.0017	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	<0.0065	U		<0.0068	U		0.005	J		0.0014	J		0.013			<0.0031	U		0.015			0.0045	J	
		VMP-41-10-100912	10/9/2012	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.00089	J		<0.0038	U		0.0038	J		<0.0064	U	
		VMP-41-10-012913	1/29/2013	<0.008	U		0.0018	J		<0.0073	U		<0.0073	U		0.0016	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-41-10-043013	4/30/2013	<0.0073	U		0.0016	J		<0.0067	U		<0.0067	U		0.0057	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-41-10-080213	8/2/2013	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		0.0048	J		<0.0037	U		0.0025	J		<0.0063	U	
		VMP-41-10-102913	10/29/2013	<0.0072	U		0.0016	J		<0.0066	U		<0.0066	U		0.01			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-41-10-021114	2/11/2014	<0.0058	U		0.0011	J		0.0029	J		0.00075	J		<0.0051	U		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-41-10-042214	4/22/2014	<0.0072	U		<0.0076	J	U	<0.0066	J	U	<0.0066	U		0.00092	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-41-10-073114	7/31/2014	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		0.0076			<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-41-10-102814	10/28/2014	<0.0067	U		0.0023	J		<0.0061	J	U	<0.0061	J	U	0.0024	J		<0.0032	U		0.0027	J		0.00099	J	
		VMP-41-10-020415	2/4/2015	<0.0065	U		<0.0068	U		<0.0059	J	U	<0.0059	J	U	0.0018	J		<0.0031	U		0.0027	J		0.0012	J	
		VMP-41-10-020415-DUP	2/4/2015	<0.0066	U		<0.0068	U		<0.006	J	U	<0.006	J	U	0.0021	J		<0.0031	U		0.0025	J		0.0015	J	
		VMP-41-10-043015	4/30/2015	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-41-10-072815	7/28/2015	<0.0073	U		0.0015	J		<0.0067	U		<0.0067	U		0.016			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-41-10-110215	11/2/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0015	J		<0.0034	U		0.0019	J		<0.0057	U	
		VMP-41-10-012716	1/27/2016	<0.0066	U		<0.0068	U		<0.006	U		<0.006	U		0.014			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-41-10-050216	5/2/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0018	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-41-10-072816	7/28/2016	<0.0065	U		0.0013	J		<0.0059	U		<0.0059	U		0.0023	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-41-10-102416	10/24/2016	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		0.002	J		<0.0065	U	
	20 ft	VMP-41-20-072712	7/27/2012	<0.005	U		0.001	J		0.0027	J		<0.0046	U		0.0039	J		<0.0024	U		0.0079			0.0028	J	
		VMP-41-20-072712-Dup	7/27/2012	<0.0051	U		0.001	J		0.0034	J		0.00096	J		0.0032	J		<0.0024	U		0.008			0.0025	J	
		VMP-41-20-100912	10/9/2012	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		0.0037	J		<0.0063	U	
		VMP-41-20-100912-Dup	10/9/2012	<0.008	U		<0.0083	U		<0.0073	J	U	<0.0073	U		<0.0069	U		<0.0038	U		0.0035	J		<0.0064	U	
		VMP-41-20-012913	1/29/2013	<0.0081	U		0.0018	J		<0.0074	U		<0.0074	U		0.021			<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-41-20-043013	4/30/2013	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0064	J	U	<0.0035	U		<0.0059	J	U	<0.0059	J	U
		VMP-41-20-043013-Dup	4/30/2013	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	J	U
		VMP-41-20-080213	8/2/2013	<0.0076	U		<0.0079	U		0.0019	J		0.0013	J		0.014			<0.0036	U		0.0025	J		<0.0061	U	
		VMP-41-20-102913	10/29/2013	<0.0074	U		0.0012	J		0.00065	J		<0.0068	U		0.012			<0.0035	U		0.00099	J		<0.006	U	
		VMP-41-20-021114	2/11/2014	<0.0059	U		0.0014	J		<0.0054	U		<0.0054	U		<0.0051	U		<0.0028	U		0.00071	J		<0.0048	U	
		VMP-41-20-042214	4/22/2014	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	J	U	<0.0057	U	
		VMP-41-20-073114	7/31/2014	<0.0076	U		<0.0079	U		0.0028	J		<0.0069	U		0.00084	J		<0.0036	U		0.0011	J		<0.0061	U	
		VMP-41-20-102814	10/28/2014	<0.0071	U		0.0019	J		<0.0065	J	U	<0.0065	J	U	<0.0062	U		<0.0034	U		0.0037	J		0.001	J	
		VMP-41-20-020415	2/4/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.00094	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-41-20-043015	4/30/2015	<0.17	U		<0.17	U		<0.15	U		<0.15	U		<0.14	U		<0.079	U		<0.14	U		<0.14	U	
		VMP-41-20-072815	7/28/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-41-20-110215	11/3/2015	<0.0074	U		0.0022	J		<0.0068	U		<0.0068	U		0.0024	J		0.0028	J		0.0019	J		<0.006	U	
		VMP-41-20-012716	1/27/2016	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-41-20-050216	5/2/2016	<0.0063	U		0.0013	J		<0.0058	U		<0.0058	U		0.0016	J		<0.003	U		0.0012	J		<0.0051	U	
		VMP-41-20-072816	7/28/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-41-20-102416	10/24/2016	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
	26 ft	VMP-41-30-100912	10/9/2012	<0.0084	U		<0.0087	U		<0.0076	J	U	<0.0076	U		0.0038	J		<0.004	U		0.0018	J		<0.0068	U	
		VMP-41-30-012913	1/29/2013	<0.0076	U		0.0019	J		<0.0069	U		<0.0069	U		0.02			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-41-30-043013	4/30/2013	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.11			<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-41-30-080213	8/2/2013	<0.0081	U		<0.0085	U		0.01			0.0032	J		0.036			<0.0038	U		0.012			0.0063	J	
		VMP-41-30-102913	10/29/2013	<0.0072	U		0.0011	J		<0.0066	U		<0.0066	U		0.0066			<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-41-30-021114	2/11/2014	<0.0063	U		0.001	J		<0.0057	U		<0.0057	U		0.0021	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-41-30-021114-Dup	2/11/2014	<0.0064	U		0.0011	J		<0.0058	U		<0.0058	U		0.0031	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-41-30-042214	4/22/2014	<0.0072	U		<0.0076	J	U	<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-41-30-073114	7/31/2014	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0015	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-41-30-102814	10/28/2014	<0.0065	U		0.002	J		<0.0059	J	U	<0.0059	U		0.0036	J		<0.0031	U		0.0023	J		<0.0052	U	
		VMP-41-30-020415	2/4/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-41-30-043015	4/30/2015	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		0.0018	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-41-30-043015-DUP	4/30/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0013	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-41-30-110215	11/2/2015	<0.0072	U		0.0024	J		<0.0066	U		<0.0066	U		0.0026	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-41-30-110215-DUP	11/2/2015	<0.0072	U		0.0022	J		<0.0066	U		<0.0066	U		0.0013	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-41-30-012716	1/27/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0028	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-41-30-012716-DUP	1/27/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0032	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-41-30-050216	5/2/2016	0.0016	J		0.0012	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-41-30-072816	7/28/2016	<0.0074	U		<0.0078	U		0.004	J		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-41-30-072816-DUP	7/28/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-41-26-102416	10/24/2016	0.0028	J		0.0014	J		<0.0058	U		<0.0058	U		0.0028	J		<0.003	U		0.0066			0.0015	J	
		VMP-41-30-072712	7/27/2012	<0.0051	U		<0.0054	U		0.0049			0.00092	J		0.013			<0.0024	U		0.007			0.0028	J	
		VMP-41-30-072815	7/28/2015	<0.0085	U		<0.0089	U		<0.0078	U		<0.0078	U		<0.0074	U		<0.004	U		<0.0069	U		<0.0069	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	0.0019	J		0.0014	J		<0.0042	U		<0.0042	U		0.3			<0.0022	U		0.0098			0.0026	J	
		VMP-42-10-041812-Dup	4/18/2012	<0.0047	U		<0.0049	U		<0.0043	U		<0.0043	U		0.26			<0.0022	U		0.0089			0.0026	J	
		VMP-42-10-071912	7/19/2012	<0.0051	U		0.0018	J	J	0.0024	J		<0.0047	J	U	0.0082			<0.0024	U		0.014			0.0045		
		VMP-42-10-101212	10/12/2012	<0.0083	U		<0.0087	U		<0.0076	U		<0.0076	U		0.008			<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-42-10-013113	1/31/2013	<0.0076	U		0.0012	J		<0.0069	J	U	<0.0069	U		0.002	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-42-10-043013	4/30/2013	<0.0082	U		0.0015	J		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-42-20-043013	4/30/2013	<0.0082	U		0.0012	J		<0.0075	U		<0.0075	U		0.00081	J		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-42-10-080213	8/2/2013	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		0.022			<0.0039	U		0.0019	J		<0.0067	U	
		VMP-42-10-102913	10/29/2013	<0.0072	U		0.0012	J		0.0013	J		<0.0066	U		0.0087			<0.0034	U		0.0046	J		0.0011	J	
		VMP-42-10-020714	2/7/2014	<0.0065	U		<0.0068	J	U	<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-42-10-042214	4/22/2014	<0.0068	U		<0.0071	J	U	<0.0062	U		<0.0062	U		0.035			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-42-10-080614	8/6/2014	<0.0067	U		<0.007	U		<0.0061	J	U	<0.0061	J	U	<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-42-10-110414	11/4/2014	0.0043	J		0.0015	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-42-10-020315	2/3/2015	<0.0068	U		<0.0072	U		<0.0063	U		<0.0063	U		0.00078	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-42-10-042915	4/29/2015	<0.0067	U		<0.007	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-42-10-072115	7/21/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0005	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-42-10-102715	10/27/2015	<0.0065	U		<0.0068	J	U	<0.006	U		<0.006	U		0.005	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-42-10-020116	2/1/2016	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-42-10-042616	4/26/2016	<0.0076	U		<0.0079	U		0.0019	J		<0.0069	U		0.15			<0.0036	U		0.044			0.014		
		VMP-42-10-072616	7/26/2016	<0.0079	U		<0.0082	U		0.0018	J		<0.0072	U		0.007			<0.0038	U		0.0075			0.0024	J	
		VMP-42-10-102716	10/27/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0077			<0.0033	U		0.0019	J		<0.0056	U	
	20 ft	VMP-42-20-041812	4/18/2012	<2.4	U		<2.5	U		<2.2	U		<2.2	U		66			<1.1	U		0.93	J		<1.9	U	
		VMP-42-20-071912	7/19/2012	<0.005	U		0.0057	J	J	0.0037	J		<0.0046	J	U	0.043			<0.0024	U		0.019			0.0062		
		VMP-42-20-101212	10/12/2012	<0.0073	U		0.0015	J		<0.0067	U		<0.0067	U		0.011			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-42-20-101212-Dup	10/12/2012	<0.0074	U		0.0018	J		<0.0068	U		<0.0068	U		0.0039	J		<0.0035	U		<0.006	J	U	<0.006	U	
		VMP-42-20-013113	1/31/2013	<0.0069	U		0.0014	J		<0.0063	U		<0.0063	U		0.0011	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-42-20-080213	8/2/2013	<0.0075	U		0.0011	J		<0.0069	U		<0.0069	U		0.0067			<0.0036	U		0.0058	J		0.0023	J	
		VMP-42-20-102913	10/29/2013	<0.0071	U		0.0011	J		<0.0065	U		<0.0065	U		0.0078			<0.0034	U		0.0016	J		0.00046	J	
		VMP-42-20-020714	2/7/2014	<0.0067	U		<0.007	U		0.0068			<0.0062	J	U	<0.0059	U		<0.0032	U		<0.0054	J	U	<0.0054	U	
		VMP-42-20-042214	4/22/2014	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-42-20-080614	8/6/2014	<0.007	U		<0.0073	U		<0.0064	J	U	<0.0064	J	U	<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-42-20-110414	11/4/2014	<0.0069	U		0.0016	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-42-20-020315	2/3/2015	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-42-20-042915	4/29/2015	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0064	U		<0.0064	U	
		VMP-42-20-072115	7/21/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.00056	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-42-20-102715	10/27/2015	<0.0082	U		<0.0085	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		0.0014	J		<0.0066	U	
		VMP-42-20-020116	2/1/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-42-20-042616	4/26/2016	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0065	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-42-20-072616	7/26/2016	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		0.00076	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-42-20-102676	10/27/2016	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		0.01			0.0023	J	
	30 ft	VMP-42-30-041912	4/19/2012	<5	U		<5.2	U		<4.6	U		<4.6	U		390			<2.4	U		<4.1	U		<4.1	U	
		VMP-42-30-071912	7/19/2012	<0.0047	U		0.01	J	J	0.0051		J	0.0063		J	10	S		<0.0022	U		0.032		J	0.0076		J
		VMP-42-30-101212	10/12/2012	<0.0078	U		0.0069	J		<0.0071	U		<0.0071	U		0.49			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-42-30-101212-Dup	10/12/2012	<0.0078	J	U	0.007	J		<0.0071	U		<0.0071	U		0.47			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-42-30-013113	1/31/2013	<0.0074	U		0.0034	J		<0.0068	U		<0.0068	U		0.24			<0.0035	U		<0.006	U		<0.006	U	
		VMP-42-30-043013	4/30/2013	<0.0075	U		0.0026	J		<0.0068	U		<0.0068	U		0.01			<0.0036	U		<0.006	U		<0.006	U	
		VMP-42-30-080213	8/2/2013	<0.0078	U		0.0019	J		<0.0071	U		<0.0071	U		0.017			<0.0037	U		0.0012	J		<0.0063	U	
		VMP-42-30-102913	10/29/2013	<0.0072	U		0.0016	J		<0.0066	U		<0.0066	U		0.0009	J		<0.0034	U		0.00029	J		<0.0058	U	
		VMP-42-30-102913-Dup	10/29/2013	<0.0071	U		0.0015	J		<0.0065	U		<0.0065	U		0.0039	J		<0.0034	U		0.00031	J		<0.0058	U	
		VMP-42-30-020714	2/7/2014	<0.006	U		<0.0063	J	U	<0.0055	J	U	0.0037	J		0.048		J	<0.0029	U		0.0037	J		0.0019	J	
		VMP-42-30-020714-Dup	2/7/2014	<0.0062	U		<0.0065	J	U	<0.0056	J	U	0.0046	J		0.087		J	<0.0029	U		0.0052			0.0023	J	
		VMP-42-30-042214	4/22/2014	<0.0068	U		<0.0071	J	U	<0.0062	U		<0.0062	U		0.018		J	<0.0032	U		<0.0055	J	U	<0.0055	U	
		VMP-42-30-042214-Dup	4/22/2014	<0.0066	U		<0.0069	J	U	<0.0061	U		<0.0061	U		0.0025	J	J	<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-42-30-080614	8/6/2014	<0.0072	U		0.0012	J		<0.0066	J	U	<0.0066	J	U	0.0016	J		<0.0034	U		0.0014	J		<0.0058	U	
		VMP-42-30-110414	11/4/2014	<0.0065	U		0.0018	J		<0.0059	U		<0.0059	U		0.00099	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-42-30-020315	2/3/2015	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-42-30-042915	4/29/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.017			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-42-30-080315	8/3/2015	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.0015	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-42-30-080315-DUP	8/3/2015	<0.007	U		0.002	J		0.0011	J		<0.0064	U		0.0026	J		<0.0033	U		0.0014	J		<0.0056	U	
		VMP-42-30-102715	10/27/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-42-30-020116	2/1/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.004	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-42-30-042616	4/26/2016	<0.0086	U		<0.009	U		<0.0078	U		<0.0078	U		0.0027	J		<0.0041	U		0.0016	J		<0.0069	U	
		VMP-42-30-072616	7/26/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.00048	J		<0.0032	U		0.00072	J		<0.0055	U	
		VMP-42-30-102716	10/27/2016	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		<0.0062	J	U	<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-42-30-102716-Dup	10/27/2016	<0.014	U		<0.014	U		<0.012	U		<0.012	U		0.0018	J		<0.0065	U		<0.011	U		<0.011	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	<0.0053	U		<0.0055	U		0.0024	J		0.00087	J		0.02			<0.0025	U		0.0086			0.0024	J	
		VMP-43-10-071912	7/19/2012	<0.01	U		<0.01	U		0.0042	J		0.0015	J		0.03			<0.0048	U		0.027			0.0085		
		VMP-43-10-101612	10/16/2012	<0.0086	U		<0.009	U		<0.0078	U	UJ	<0.0078	U		0.0069	J		<0.0041	U		0.0013	J		<0.0069	U	
		VMP-43-10-051713	5/17/2013	<0.0082	U		0.0014	J		0.0076			0.0033	J		0.015			<0.0039	U		0.031			0.013		
		VMP-43-10-080913	8/9/2013	<0.0085	U		<0.0089	U		<0.0078	U		<0.0078	U		0.0012	J		<0.004	U		<0.0069	U		<0.0069	U	
		VMP-43-10-111313	11/13/2013	<0.0069	U		0.0012	J		0.00099	J		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-43-10-022714	2/27/2014	<0.0065	U		0.0014	J		<0.0059	U		<0.0059	U		<0.0056	J	U	<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-43-10-050514	5/5/2014	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0043	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-43-10-080614	8/6/2014	<0.007	U	UJ	<0.0074	U	UJ	<0.0064	J	UJ	<0.0064	J	UJ	<0.0061	U	UJ	<0.0033	U	UJ	<0.0057	U	UJ	<0.0057	U	UJ
		VMP-43-10-021015	2/10/2015	<0.0059	U		<0.0062	U		<0.0054	J	U	<0.0054	U		<0.0051	U		<0.0028	U		0.0036	J		0.0011	J	
		VMP-43-10-050515	5/5/2015	<0.0076	U		0.0016	J		<0.0069	J	U	<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-43-10-072115	7/21/2015	<0.0073	U		0.0014	J		<0.0067	U		<0.0067	U		<0.0063	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-43-10-102915	10/29/2015	<0.0083	U		<0.0086	U		<0.0076	U		<0.0076	U		0.02		J	<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-43-10-020116	2/1/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-43-10-042716	4/27/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0014	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-43-10-072716	7/27/2016	<0.0069	U		0.0013	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-43-10-102616	10/26/2016	<0.0061	U		0.0012	J		<0.006		U	<0.0056	U		0.0045	J		<0.0029	U		0.18			0.041		
	20 ft	VMP-43-20-041612	4/16/2012	<0.051	U		<0.054	U		0.013	J		<0.047	U		45			<0.024	U		0.038	J		0.012	J	
		VMP-43-20-071912	7/19/2012	<0.018	U		<0.019	U		0.0034	J		<0.017	U		3.3			<0.0088	U		0.019			0.006	J	
		VMP-43-20-101812	10/18/2012	<0.0071	U		0.0014	J		<0.0065	U	UJ	<0.0065	U		0.24			<0.0034	U		0.0018	J		<0.0057	U	
		VMP-43-20-012413	1/24/2013	<0.0071	U		0.0016	J		<0.0065	U		<0.0065	U		0.025			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-43-20-043013	4/30/2013	<0.0085	U		<0.0089	U		<0.0078	U		<0.0078	U		0.018			<0.004	U		0.0027	J		<0.0069	J	U
		VMP-43-20-080913	8/9/2013	<0.0083	U		0.0021	J		<0.0076	U		<0.0076	U		0.018			<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-43-20-102913	10/29/2013	<0.007	U		0.0012	J		<0.0064	U		<0.0064	U		0.00072	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-43-20-022714	2/27/2014	<0.0071	U		0.0016	J		0.88			0.26			<0.0062	J	U	<0.0034	U		0.15			0.1		
		VMP-43-20-081314	8/13/2014	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		0.0058	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-43-20-110614	11/6/2014	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-43-20-021215	2/12/2015	<0.0066	U		<0.0069	U		<0.006	J	U	<0.006	U		0.0045	J		<0.0031	U		0.0026	J		0.0013	J	
		VMP-43-20-021215-DUP	2/12/2015	<0.0066	U		<0.0068	U		<0.006	J	U	<0.006	U		0.0045	J		<0.0031	U		0.0025	J		0.0014	J	
		VMP-43-20-050515	5/5/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-43-20-072115	7/21/2015	<0.009	U		<0.0094	U		<0.0082	U		<0.0082	U		<0.0078	U		<0.0043	U		<0.0073	U		<0.0073	U	
		VMP-43-20-102915	10/29/2015	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.021		J	<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-43-20-102915-DUP	10/29/2015	<0.0064	U		<0.0066	U		0.00073	J	J	<0.0058	U		0.022		J	<0.003	U		0.0013	J		<0.0051	U	
		VMP-43-20-020116	2/1/2016	<0.011	U		<0.012	U		<0.01	U		<0.01	U		0.0036	J		<0.0054	U		0.002	J		<0.0092	U	
		VMP-43-20-042716	4/27/2016	<0.0072	U		0.0014	J		<0.0066	U		<0.0066	U		0.0087			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-43-20-072716	7/27/2016	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		0.009			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-43-20-102616	10/26/2016	<0.007	U		<0.0074	U		<0.0064	J	U	<0.0064	U		<0.0061	J	U	<0.0033	U		0.056			0.015		
	30 ft	VMP-43-30-042312	4/23/2012	<0.047	U		<0.049	U		<0.043	U		<0.043	U		6.8			<0.022	U		<0.038	U		<0.038	U	
		VMP-43-30-071912	7/19/2012	0.0011	J		0.0018	J	J	0.0046	J		0.0014	J		0.18			<0.0024	U		0.019			0.007		
		VMP-43-30-101812	10/18/2012	<0.0074	U		<0.0078	U		<0.0068	U	UJ	<0.0068	U		0.015			<0.0035	U		<0.006	U		<0.006	U	
		VMP-43-30-012413	1/24/2013	<0.0072	U		0.0012	J		<0.0066	U		<0.0066	U		0.0018	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-43-30-043013	4/30/2013	<0.0082	U		0.002	J		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-43-30-080913	8/9/2013	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.0016	J		<0.0038	U		<0.0066	U		<0.0066	U	
		VMP-43-30-102913	10/29/2013	<0.0066	U		0.0013	J		0.00025	J		<0.006	U		0.004	J		<0.0031	U		0.0011	J		0.00046	J	
		VMP-43-30-022714	2/27/2014	<0.0064	U		0.0016	J		0.0047	J		<0.0059	J	U	<0.0056	J	U	<0.003	U		<0.0052	U		<0.0052	U	
		VMP-43-30-022714-Dup	2/27/2014	<0.0064	U		0.0016	J		<0.0058	U		<0.0058	U		0.0058			<0.003	U		<0.0052	U		<0.0052	U	
		VMP-43-30-042214	4/22/2014	<0.0074	U		<0.0078	J	U	<0.0068	U		<0.0068	U		0.031			<0.0035	U		<0.006	U		<0.006	U	
		VMP-43-30-080614	8/6/2014	<0.0079	U		<0.0082	U		<0.0072	J	U	<0.0072	J	U	0.0014	J		<0.0037	U		<0.0064	U		<0.0064	U	
		VMP-43-30-050515	5/5/2015	<0.0081	U		0.0017	J		<0.0074	J	U	<0.0074	U		0.0077			<0.0038	U		0.0092			0.0028	J	
		VMP-43-30-050515-DUP	5/5/2015	<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		0.0019	J		<0.0033	U		0.0026	J		<0.0056	U	
		VMP-43-30-072115	7/21/2015	<0.0073	U		<0.0076	U		0.0017	J		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-43-30-102915	10/29/2015	<0.0066	U		0.0015	J		<0.006	U		<0.006	U		0.0092		J	<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-43-30-020116	2/1/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0047	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-43-30-042716	4/27/2016	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		0.00076	J		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-43-30-042716-DUP	4/27/2016	<0.0076	U		<0.0079	U		0.0028	J		0.0011	J		0.0082			<0.0036	U		0.011			0.0035	J	
		VMP-43-30-072716	7/27/2016	<0.0076	U		0.0018	J		<0.007	U		<0.007	U		0.0029	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-43-30-102616	10/26/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0037	J		<0.0033	U		0.0079			0.0024	J	
		VMP-43-30-102616-Dup	10/26/2016	<0.0073	U		0.0014	J		<0.0067	U		<0.0067	U		0.0025	J		<0.0035	U		0.0076			0.0021	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	<2.4	U		<2.6	U		<2.2	U		<2.2	U		1200			<1.2	U		0.89	J		<2	U	
		VMP-44-10-072012	7/20/2012	<0.82	U		<0.86	U		0.29	J	J	0.47	J	J	1200			<0.39	U		1.8		J	0.66	J	J
		VMP-44-10-081012	8/10/2012	<0.49	U		<0.51	U		0.25	J	J	0.3	J	J	800			<0.23	U		1.3		J	0.41		J
		VMP-44-10-101212	10/12/2012	0.53	J		<1.6	U		<1.4	U	UJ	<1.4	U		190			<0.72	U		0.2	J		0.17	J	
		VMP-44-10-012513	1/25/2013	<0.62	U		<0.65	U		<0.56	U		<0.56	U		300			<0.29	U		0.092	J		<0.5	U	
		VMP-44-10-042913	4/29/2013	<0.57	U		<0.59	U		<0.52	U		<0.52	U		180			<0.27	U		<0.46	U		<0.46	U	
		VMP-44-10-080213	8/2/2013	<0.0079	U		<0.0082	U		0.0015	J		<0.0072	U		0.16			<0.0037	U		0.0088			0.0023	J	
		VMP-44-10-082313-R	8/23/2013	<0.0083	U		<0.0087	U		<0.0076	U		<0.0076	U		0.057			<0.0039	U		0.0024	J		<0.0067	U	
		VMP-44-10-111113	11/11/2013	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.19			<0.0033	U		0.0046	J		<0.0056	J	U
		VMP-44-10-022814	2/28/2014	<0.0066	U		0.00095	J		<0.0061	U		<0.0061	U		0.018			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-44-10-043014	4/30/2014	0.0027	J		0.003	J		<0.0056	U		<0.0056	U		0.84			<0.0029	U		0.00057	J		<0.005	U	
		VMP-44-10-080614	8/6/2014	<0.0082	U		<0.0086	U		0.012			<0.0075	J	U	0.003	J		<0.0039	U		0.0089			0.0042	J	
		VMP-44-10-110414	11/4/2014	<0.0067	U		0.0018	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		0.0016	J		0.0011	J	
		VMP-44-10-020415	2/4/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-44-10-050115	5/1/2015	<0.0074	U		<0.0077	U		0.0025	J		<0.0068	U		0.0036	J		<0.0035	U		0.003	J		0.0018	J	
		VMP-44-10-072415	7/24/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.001	J		<0.0037	U		0.0011	J		<0.0063	U	
		VMP-44-10-102815	10/28/2015	<0.0081	U		<0.0085	U		0.0014	J		<0.0074	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-44-10-012516	1/25/2016	<0.0065	U		<0.0068	U		0.0033	J		<0.0059	U		0.0016	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-44-10-042816	4/28/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-44-10-072716	7/27/2016	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		0.0073			<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-44-10-102716	10/27/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.00091	J		<0.0034	U		0.0052	J		<0.0058	U	
	20 ft	VMP-44-20-041912	4/19/2012	<0.54	U		<0.56	U		0.1	J		0.23	J		350			<0.26	U		0.86			0.5		
		VMP-44-20-072512	7/25/2012	<0.92	U		<0.96	U		<0.84	U		<0.84	U		500		J	<0.44	U		<0.74	U		<0.74	U	
		VMP-44-20-101212	10/12/2012	0.76	J		<3.2	U		<2.8	U	UJ	<2.8	U		110			<1.4	U		0.3	J		0.25	J	
		VMP-44-20-012513	1/25/2013	<0.22	U		<0.23	U		<0.2	U		<0.2	U		110			<0.11	U		<0.18	U		<0.18	U	
		VMP-44-20-042913	4/29/2013	<0.26	U		<0.27	U		<0.23	U		<0.23	U		67			<0.12	U		<0.21	U		<0.21	U	
		VMP-44-20-081313	8/13/2013	<0.016	U		<0.017	U		0.014			<0.014	U		0.059			<0.0076	U	UJ	<0.013	U		<0.013	U	
		VMP-44-20-111113	11/11/2013	<0.007	U		0.0015	J		<0.0064	U		<0.0064	U		0.25			<0.0033	U		0.0017	J		<0.0057	U	
		VMP-44-20-022814	2/28/2014	<0.0071	U		<0.0075	U		0.00075	J		<0.0065	U		0.026			<0.0034	U		0.0011	J		<0.0058	U	
		VMP-44-20-043014	4/30/2014	<0.013	U		<0.013	U		0.00079	J		<0.012	U		0.015			<0.006	U		0.00096	J		<0.01	U	
		VMP-44-20-080614	8/6/2014	<0.0078	U		<0.0082	U		<0.0072	J	U	<0.0072	J	U	0.0073			<0.0037	U		0.0028	J		<0.0063	U	
		VMP-44-20-110414	11/4/2014	<0.0069	U		0.002	J		<0.0063	U		<0.0063	U		0.00088	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-44-20-020415	2/4/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-44-20-051115	5/11/2015	<0.0065	U		<0.0068	U		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-44-20-072415	7/24/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.00048	J		<0.0033	U		0.0013	J		<0.0056	U	
		VMP-44-20-102815	10/28/2015	<0.0072	U		<0.0076	J	U	<0.0066	U		<0.0066	U		0.013			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-44-20-020216-R	2/2/2016	<0.0074	U		0.0013	J		<0.0067	U		<0.0067	U		0.007			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-44-20-042816	4/28/2016	<0.0086	U		<0.009	U		<0.0079	U		<0.0079	U		0.0016	J		<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-44-20-072716	7/27/2016	<0.0088	U		<0.0092	U		<0.008	U		<0.008	U		0.0034	J		<0.0042	U		0.005	J		0.0015	J	
		VMP-44-20-102716	10/27/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0011	J		<0.0034	U		0.0012	J		<0.0057	U	
	30 ft	VMP-44-30-041912	4/19/2012	<0.31	U		<0.33	U		0.16	J		0.075	J		23			<0.15	U		0.88			0.053	J	
		VMP-44-30-072512	7/25/2012	<0.053	U		<0.055	U		0.025	J		0.042	J		1.4			<0.025	U		0.34			0.024	J	
		VMP-44-30-072512-Dup	7/25/2012	<0.053	U		<0.055	U		0.028	J		0.038	J		1.4			<0.025	U		0.35			0.026	J	
		VMP-44-30-101512	10/15/2012	<0.32	U		<0.34	U		<0.3	U	UJ	<0.3	U		29			<0.15	U		<0.26	U		<0.26	U	
		VMP-44-30-101512-Dup	10/15/2012	<0.3	U		<0.32	U		<0.28	U	UJ	<0.28	U		28			<0.14	U		<0.24	U		<0.24	U	
		VMP-44-30-012513	1/25/2013	<0.078	U	UJ	<0.082	U	UJ	<0.072	U	UJ	<0.072	U	UJ	0.47		J	<0.037	U	UJ	<0.063	U	UJ	<0.063	U	UJ
		VMP-44-30-043013	4/30/2013	<0.028	U		<0.029	U		0.0065	J		0.027			0.49			<0.013	U		0.024			0.014	J	
		VMP-44-30-081313	8/13/2013	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.41			<0.0036	U	UJ	<0.0062	U		<0.0062	U	
		VMP-44-30-111113	11/11/2013	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0073			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-44-30-022814	2/28/2014	<0.0063	U		0.0011	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-44-30-043014	4/30/2014	<0.0066	U		0.0023	J		<0.006	U		<0.006	U		0.0081			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-44-30-080614	8/6/2014	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-44-30-110414	11/4/2014	<0.007	U		0.0015	J		<0.0064	U		<0.0064	U		0.0019	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-44-30-020415	2/4/2015	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0052	J		<0.0033	U		0.00078	J		<0.0056	U	
		VMP-44-30-051115	5/11/2015	0.0022	J		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-44-30-072415	7/24/2015	<0.0067	U		<0.007	U		0.0023	J		<0.0061	U		0.0011	J		<0.0032	U		0.0043	J		0.002	J	
		VMP-44-30-102815	10/28/2015	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-44-30-012516	1/25/2016	<0.0068	U		<0.0072	U		<0.0063	U		<0.0063	U		0.002	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-44-30-050516	5/5/2016	<0.0094	U		<0.0098	U		<0.0086	U		<0.0086	U		<0.0081	U		<0.0044	U		<0.0076	U		<0.0076	U	
		VMP-44-30-072716	7/27/2016	0.0027	J		<0.0086	U		<0.0075	U		<0.0075	U		<0.0072	U		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-44-30-102716	10/27/2016	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		<0.0058	J	U	<0.0032	U		0.0013	J		<0.0054	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	<0.0049	U		0.0014	J		<0.0045	U		<0.0045	U		0.043			<0.0023	U		0.0046			<0.004	U	
		VMP-45-10-071912	7/19/2012	<0.005	U		0.0017	J	J	0.0017	J		0.00057	J		<0.0044	J	U	<0.0024	U		0.014			0.0035	J	
		VMP-45-10-101512	10/15/2012	<0.0078	U		0.0014	J		<0.0072	J	U	<0.0072	U		0.038			<0.0037	U		<0.0063	J	U	<0.0063	U	
		VMP-45-10-013013	1/30/2013	<0.0068	U		0.0011	J		<0.0062	U		<0.0062	U		0.0048	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-45-10-042913	4/29/2013	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.19			<0.0037	U		0.0018	J		<0.0063	U	
		VMP-45-10-080513	8/5/2013	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-45-10-102913	10/29/2013	<0.0068	U		0.0011	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0032	U		0.00063	J		<0.0055	U	
		VMP-45-10-020714	2/7/2014	<0.0068	U		<0.0071	J	U	<0.0062	U		<0.0062	U		0.0043	J		<0.0032	U		<0.0055	J	U	<0.0055	U	
		VMP-45-10-042214	4/22/2014	<0.0068	U		<0.0071	J	U	<0.0062	U		<0.0062	U		0.0069			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-45-10-080114	8/1/2014	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0014	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-45-10-102414	10/24/2014	<0.0068	U		<0.0072	U		<0.0063	U		<0.0063	U		0.027			<0.0032	U		0.00085	J		<0.0055	U	
		VMP-45-10-020615	2/6/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		0.0017	J		<0.0058	U	
		VMP-45-10-051215	5/12/2015	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0036	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-45-10-072115	7/21/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.1			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-45-10-102815	10/28/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-45-10-030916-R	3/9/2016	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-45-10-042816	4/28/2016	<0.008	U		<0.0083	U		0.00098	J		<0.0073	U		0.051			<0.0038	U		0.018			0.0062	J	
		VMP-45-10-082616	8/26/2016	<0.0059	U		0.0019	J		<0.0054	U		<0.0054	U		0.0012	J		<0.0028	U		0.0022	J		0.00096	J	
		VMP-45-10-102816	10/28/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		0.0029	J		<0.0056	U	
	20 ft	VMP-45-20-041912	4/19/2012	<0.31	U		<0.32	U		0.4			0.19	J		130			<0.14	U		8			2.5		
		VMP-45-20-071912	7/19/2012	<0.096	U		<0.1	U		<0.088	U		<0.088	U		23			<0.046	U		0.065	J		0.015	J	
		VMP-45-20-101512	10/15/2012	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		3.4			<0.0035	U		<0.006	U		<0.006	U	
		VMP-45-20-013013	1/30/2013	<0.0071	U		0.001	J		<0.0065	U		<0.0065	U		0.31			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-45-20-042913	4/29/2013	<0.0082	U		<0.0086	U		<0.0075	J	U	<0.0075	U		0.063			<0.0039	U		0.022			0.011		
		VMP-45-20-042913-Dup	4/29/2013	<0.008	U		<0.0084	U		<0.0073	J	U	<0.0073	J	U	0.073			<0.0038	U		0.027			0.015		
		VMP-45-20-080513	8/5/2013	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.0022	J		<0.0038	U		<0.0066	U		<0.0066	U	
		VMP-45-20-102913	10/29/2013	<0.0074	U		0.0012	J		<0.0068	U		<0.0068	U		0.0036	J		<0.0035	U		0.00055	J		<0.006	U	
		VMP-45-20-020714	2/7/2014	<0.0074	U		<0.0077	J	U	<0.0067	U		<0.0067	U		0.0027	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-45-20-042214	4/22/2014	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		0.0015	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-45-20-080114	8/1/2014	0.0047	J		<0.0078	U		<0.0068	U		<0.0068	U		0.0011	J		<0.0035	U		0.0012	J		<0.006	U	
		VMP-45-20-102414	10/24/2014	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0054	J		<0.0033	U		0.00084	J		<0.0056	U	
		VMP-45-20-020615	2/6/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-45-20-042915	4/29/2015	<0.008	U		<0.0083	U		0.0049	J		<0.0073	U		0.0082			<0.0038	U		0.0073			0.0034	J	
		VMP-45-20-072115	7/21/2015	<0.0086	U		<0.009	U		<0.0078	U		<0.0078	U		0.0017	J		<0.0041	U		0.0013	J		<0.0069	U	
		VMP-45-20-102815	10/28/2015	<0.0065	U		<0.0068	J	U	<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-45-20-012516	1/25/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0011	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-45-20-042816	4/28/2016	<0.0057	U		0.0012	J		0.0011	J		<0.0052	U		0.00064	J		<0.0027	U		0.0031	J		0.0014	J	
		VMP-45-20-072716	7/27/2016	<0.0083	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0072	U		<0.004	U		<0.0067	U		<0.0067	U	
		VMP-45-20-102816	10/28/2016	<0.0072	U		0.0014	J		<0.0066	U		<0.0066	U		0.00091	J		<0.0034	U		0.0018	J		<0.0059	U	
	30 ft	VMP-45-30-041912	4/19/2012	<0.2	U		<0.21	U		<0.19	U		<0.19	U		400			<0.098	U		0.27		J	<0.16	U	
		VMP-45-30-071912	7/19/2012	<0.051	U		<0.054	U		<0.047	U		<0.047	U		9.1			<0.024	U		<0.041	U		<0.041	U	
		VMP-45-30-101512	10/15/2012	<0.0074	U		0.0035	J		<0.0068	U		<0.0068	U		1.8			<0.0035	U		<0.006	U		<0.006	U	
		VMP-45-30-101512-Dup	10/15/2012	<0.0073	U		0.0039	J		<0.0067	U		<0.0067	U		1.9			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-45-30-013013	1/30/2013	<0.013	U		0.0038	J		<0.012	U		<0.012	U		0.56			<0.0062	U		<0.01	U		<0.01	U	
		VMP-45-30-042913	4/29/2013	<0.016	U		<0.016	U		<0.014	U		<0.014	U		0.28			<0.0075	U		<0.013	U		<0.013	U	
		VMP-45-30-080513	8/5/2013	<0.032	U		<0.034	U		<0.029	U		<0.029	U		0.055			<0.015	U		<0.026	U		<0.026	U	
		VMP-45-30-102913	10/29/2013	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.013			<0.0036	U		<0.006	U		<0.006	U	
		VMP-45-30-020714	2/7/2014	<0.0064	U		<0.0067	J	U	<0.0059	U		<0.0059	U		0.005	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-45-30-042214	4/22/2014	<0.0071	U		<0.0074	J	U	0.0042	J		<0.0065	J	U	0.038			<0.0034	U		0.0084			0.0026	J	
		VMP-45-30-080114	8/1/2014	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.0015	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-45-30-102414	10/24/2014	<0.0078	U		<0.0082	U		0.0036	J		0.0015	J		0.0031	J		<0.0037	U		0.0047	J		0.0018	J	
		VMP-45-30-111214-R	11/12/2014	<0.0064	U		<0.0067	U		0.0057	J		<0.0059	J	U	0.021			<0.0031	U		0.012			0.0036	J	
		VMP-45-30-020615	2/6/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.014			<0.0034	U		0.0013	J		<0.0057	U	
		VMP-45-30-020615-DUP	2/6/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.014			<0.0033	U		0.0012	J		<0.0056	U	
		VMP-45-30-042915	4/29/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-45-30-072115	7/21/2015	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.0082			<0.0039	U		0.002	J		<0.0066	U	
		VMP-45-30-072115-DUP	7/21/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.008			<0.0037	U		0.0014	J		<0.0063	U	
		VMP-45-30-102815	10/28/2015	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		0.0037	J		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-45-30-012516	1/25/2016	<0.0075	U		0.0022	J		0.012			<0.0068	J	U	0.011			<0.0036	U		0.0025	J		<0.006	U	
		VMP-45-30-042816	4/28/2016	<0.0065	U		<0.0068	U		0.0007	J		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-45-30-042816-DUP	4/28/2016	<0.0067	U		<0.007	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-45-30-072716	7/27/2016	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0016	J		<0.0035	U		0.0011	J		<0.0059	U	
		VMP-45-30-102816	10/28/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0034	J		<0.0033	U		0.0016	J		<0.0057	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.52			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-47-5-012313-R	1/23/2013	<26	U		<27	U		<24	U		<24	U		430			<12	U		<21	U		<21	U	
		VMP-47-5-060513	6/5/2013	<17	U		<18	U		6.6	J		<15	U		880			<8	U		18			<14	U	
		VMP-47-5-072613	7/26/2013	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.02			<0.0034	U		0.013			0.0048	J	
		VMP-47-5-110813	11/8/2013	<0.049	U		<0.051	U		11			3			0.08			<0.023	U		2.1			1.2		
		VMP-47-5-021814	2/18/2014	<0.0069	U		<0.0072	J	U	<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-47-5-042914	4/29/2014	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-47-5-081314	8/13/2014	<0.016	U		<0.017	U		0.14			0.11			<0.014	U		<0.0079	U		0.42			0.14		
		VMP-47-5-093014-R	9/30/2014	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-47-5-102814	10/28/2014	<0.0082	U		0.0022	J		<0.0075	J	U	<0.0075	U		<0.0072	U		<0.0039	U		<0.0067	J	U	<0.0067	U	
		VMP-47-5-020215	2/2/2015	<0.0066	U		<0.0069	U		<0.0061	J	U	<0.0061	U		0.0095			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-47-5-042815	4/28/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0014	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-47-5-072115	7/21/2015	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		0.0015	J		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-47-5-102715	10/27/2015	<0.008	U		<0.0084	U		<0.0073	J	UJ	<0.0073	U		<0.007	U		<0.0038	U		0.0019	J		<0.0065	U	
		VMP-47-5-012916	1/29/2016	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.0027	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-47-5-042516	4/25/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	J	U	<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-47-5-072516	7/25/2016	0.0042	J		0.0017	J		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-47-5-102616	10/26/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.0021	J		<0.0034	U		0.0084			0.0031	J	
	10 ft	VMP-47-10-012113	1/21/2013	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0028	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-47-10-012313-R	1/23/2013	<0.65	U		<0.68	U		<0.59	U		<0.59	U		100			<0.31	U		0.19	J		<0.52	U	
		VMP-47-10-060513	6/5/2013	<15	U		<16	U		<14	U		<14	U		670			<7.4	U		7	J		<12	U	
		VMP-47-10-072613	7/26/2013	<7.2	U		<7.6	U		<6.6	U		<6.6	U		230			<3.4	U		<5.8	U		<5.8	U	
		VMP-47-10-110813	11/8/2013	<0.03	U		<0.031	U		0.39			0.46			0.044			<0.014	U		0.064			0.031		
		VMP-47-10-021814	2/18/2014	0.0023	J		<0.0071	J	U	<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-47-10-042914	4/29/2014	0.012			0.0028	J		0.00085	J		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-47-10-073114	7/31/2014	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-47-10-102814	10/28/2014	<0.0058	U		0.0018	J		<0.0053	U		<0.0053	U		<0.005	U		<0.0028	U		<0.0047	J	U	<0.0047	U	
		VMP-47-10-020215	2/2/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.00056	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-47-10-042815	4/28/2015	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		0.0024	J		<0.0038	U		0.0016	J		<0.0065	U	
		VMP-47-10-072115	7/21/2015	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-47-10-102715	10/27/2015	<0.0075	U		<0.0079	J	U	<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-47-10-012916	1/29/2016	<0.0064	U		<0.0067	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-47-10-042516	4/25/2016	0.011			<0.0084	U		<0.0073	U		<0.0073	U		0.0056	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-47-10-080216	8/2/2016	0.0043	J		<0.0063	U		<0.0055	U		<0.0055	U		0.00098	J		<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-47-10-102616	10/26/2016	<0.0063	U		0.0012	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		0.0083			0.002	J	
	20 ft	VMP-47-20-012113	1/21/2013	<6.8	U		<7.1	U		<6.2	U		<6.2	U		160			<3.2	U		<5.5	U		<5.5	U	
		VMP-47-20-012313-R	1/23/2013	<16	U		<17	U		<15	U		<15	U		340			<7.6	U		<13	U		<13	U	
		VMP-47-20-060513	6/5/2013	<16	U		<16	U		<14	U		<14	U		700			<7.4	U		5.8	J		<13	U	
		VMP-47-20-060513-Dup	6/5/2013	<15	U		<15	U		<13	U		<13	U		690			<7	U		3	J		<12	U	
		VMP-47-20-072613	7/26/2013	<14	U		<14	U		<12	U		<12	U		460			<6.4	U		<11	U		<11	U	
		VMP-47-20-110813	11/8/2013	<0.0068	U		0.0014	J		0.4			0.11			0.0042	J		<0.0032	U		0.066			0.041		
		VMP-47-20-021914	2/19/2014	0.0013	J		<0.0071	J	U	<0.0062	U		<0.0062	U		0.0017	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-47-20-042914	4/29/2014	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-47-20-073114	7/31/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.00072	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-47-20-102814	10/28/2014	<0.0081	U		0.0019	J		<0.0074	U		<0.0074	U		0.0013	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-47-20-020215	2/2/2015	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-47-20-042815	4/28/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-47-20-072115	7/21/2015	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.16			<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-47-20-102715	10/27/2015	<0.0068	U		<0.0071	J	U	<0.0062	J	UJ	<0.0062	U		0.0014	J		<0.0032	U		0.0012	J		<0.0055	U	
		VMP-47-20-012916	1/29/2016	<0.0065	U		0.0016	J		<0.0059	U		<0.0059	U		0.0035	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-47-20-042516	4/25/2016	0.0042	J		<0.0082	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-47-20-072516	7/25/2016	0.0033	J		0.0014	J		<0.0071	U		<0.0071	U		0.003	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-47-20-102616	10/26/2016	<0.0067	U		0.0013	J		<0.0061	U		<0.0061	U		<0.0058	J	U	<0.0032	U		0.028			0.0074		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	30 ft	VMP-47-30-012113	1/21/2013	<4.9	U		<5.2	U		<4.5	U		<4.5	U		190			<2.4	U		<4	U		<4	U	
		VMP-47-30-012313-R	1/23/2013	<26	U		<27	U		<23	U		<23	U		430			<12	U		<21	U		<21	U	
		VMP-47-30-060513	6/5/2013	<16	U		<16	U		<14	U		<14	U		810			<7.5	U		<13	U		<13	U	
		VMP-47-30-072613	7/26/2013	<28	U		<30	U		<26	U		<26	U		950			<14	U		<23	U		<23	U	
		VMP-47-30-110813	11/8/2013	<0.069	U		<0.072	U		0.081			0.038	J		13			<0.033	U		<0.056	U		<0.056	U	
		VMP-47-30-021914	2/19/2014	<0.0072	U		<0.0076	J	U	<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-47-30-042914	4/29/2014	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-47-30-042914-Dup	4/29/2014	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-47-30-073114	7/31/2014	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0027	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-47-30-073114-Dup	7/31/2014	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		0.0034	J		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-47-30-102814	10/28/2014	<0.0077	U		<0.0081	U		<0.0071	J	U	<0.0071	U		0.026			<0.0037	U		0.0066			0.0025	J	
		VMP-47-30-102814-DUP	10/28/2014	<0.0076	U		0.0024	J		<0.0069	J	U	<0.0069	J	U	0.02			<0.0036	U		0.0057	J		0.0022	J	
		VMP-47-30-020215	2/2/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.025			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-47-30-020215-DUP	2/2/2015	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		0.024			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-47-30-042815	4/28/2015	<0.0064	U		<0.0067	U		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-47-30-042815-DUP	4/28/2015	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-47-30-072115	7/21/2015	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-47-30-102715	10/27/2015	<0.0062	U		<0.0064	J	U	<0.0056	U		<0.0056	U		<0.0053	U		<0.0029	U		<0.005	U		<0.005	U	
		VMP-47-30-102715-DUP	10/27/2015	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.0018	J		<0.0031	U		0.0013	J		<0.0053	U	
		VMP-47-30-012916-DUP	1/29/2016	<0.0067	U		<0.007	U		<0.0061	J	U	<0.0061	U		0.022			<0.0032	U		0.01			0.0038	J	
		VMP-47-30-042516	4/25/2016	0.0061	J		0.0016	J		0.018		J	0.0078			0.0097			<0.0037	U		0.031		J	0.0064		
		VMP-47-30-042516-DUP	4/25/2016	0.0068	J		<0.0094	U		<0.0082	U	UJ	<0.0082	U		<0.0078	J	U	<0.0042	U		<0.0072	U	UJ	<0.0072	U	
		VMP-47-30-072516	7/25/2016	0.01			<0.008	U		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-47-30-102616	10/26/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	J	U	<0.0035	U		0.11			0.024		
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	<0.0069	U		0.00096	J		<0.0063	U		<0.0063	U		0.0034	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-48-5-050313	5/3/2013	<0.0072	U		0.0013	J		<0.0066	U		<0.0066	U		0.0026	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-48-5-080613	8/6/2013	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0011	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-48-5-110513	11/5/2013	<0.007	U		0.0011	J		0.0046	J		0.0016	J		0.0089			<0.0033	U		0.008			0.0025	J	
		VMP-48-5-022814	2/28/2014	<0.0071	U		0.001	J		<0.0065	U		<0.0065	U		0.0029	J		<0.0034	U		0.00055	J		<0.0058	U	
		VMP-48-5-042814	4/28/2014	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-48-5-080114	8/1/2014	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		0.0024	J		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-48-05-102914	10/29/2014	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0065	J	U	<0.0036	U		<0.0061	J	U	<0.0061	U	
		VMP-48-5-020215	2/2/2015	<0.0073	U		<0.0076	U		0.0067			<0.0067	J	U	<0.0064	U		<0.0035	U		0.0027	J		0.0025	J	
		VMP-48-5-042815	4/28/2015	<0.007	U		<0.0073	U		0.0037	J		0.0012	J		0.0035	J		<0.0033	U		0.0049	J		0.002	J	
		VMP-48-5-072115	7/21/2015	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-48-5-102015	10/20/2015	<0.0073	U		0.0018	J		<0.0067	U		<0.0067	U		0.028			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-48-5-012916	1/29/2016	<0.0085	U		<0.0088	U		<0.0077	U		<0.0077	U		<0.0074	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-48-5-042516	4/25/2016	<0.0071	U		0.002	J		<0.0065	U		<0.0065	U		<0.0061	J	U	<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-48-5-072516	7/25/2016	<0.0082	U		0.0017	J		<0.0075	U		<0.0075	U		<0.0071	J	U	<0.0039	U		0.0021	J		<0.0066	U	
		VMP-48-5-102616	10/26/2016	<0.0061	U		0.0013	J		<0.0056	U		<0.0056	U		0.0009	J		<0.0029	U		0.008			0.0024	J	
	10 ft	VMP-48-10-020113	2/1/2013	<0.0071	U		0.0018	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-48-10-050813	5/8/2013	<0.0079	U		0.002	J		0.0068	J	J	<0.0072	U		0.0039	J		<0.0037	U		0.0021	J		<0.0064	U	
		VMP-48-10-080613	8/6/2013	<0.007	U		0.0024	J		<0.0064	U		<0.0064	U		0.0063			<0.0033	U		0.011			0.0035	J	
		VMP-48-10-103113	10/31/2013	<0.0075	U		0.0022	J		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		0.00034	J		<0.006	U	
		VMP-48-10-021814	2/18/2014	<0.0066	U		<0.0069	J	U	<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-48-10-042814	4/28/2014	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-48-10-080114	8/1/2014	<0.0071	U		0.0029	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-48-10-102914	10/29/2014	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-48-10-020215	2/2/2015	<0.0066	U		<0.0068	U		<0.006	J	U	<0.006	U		0.03			<0.0031	U		0.0012	J		<0.0053	U	
		VMP-48-10-042815	4/28/2015	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.0054	J		<0.0035	U		0.0024	J		<0.0059	U	
		VMP-48-10-042815-DUP	4/28/2015	<0.0069	U		0.0018	J		0.0017	J		0.0014	J		0.0058	J		<0.0033	U		0.0026	J		0.0016	J	
		VMP-48-10-072115	7/21/2015	<0.0075	U		0.0017	J		<0.0069	U		<0.0069	U		0.008			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-48-10-102015	10/20/2015	<0.0073	U		0.0018	J		0.0014	J		<0.0067	U		0.002	J		<0.0035	U		0.0018	J		<0.0059	U	
		VMP-48-10-012916	1/29/2016	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-48-10-042516	4/25/2016	<0.0071	U		0.0012	J		<0.0065	U		<0.0065	U		<0.0062	J	U	<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-48-10-072516	7/25/2016	<0.0077	U		0.0019	J		<0.0071	U		<0.0071	U		<0.0067	J	U	<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-48-10-102616	10/26/2016	<0.0068	U		0.0015	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.0035	J		<0.0055	U	
	20 ft	VMP-48-20-020113	2/1/2013	<0.0068	U		0.002	J		<0.0063	U		<0.0063	U		0.0013	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-48-20-103113	10/31/2013	<0.0071	U		0.0018	J		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		0.0013	J		0.00034	J	
		VMP-48-20-021814	2/18/2014	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-48-20-042814	4/28/2014	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-48-20-080114	8/1/2014	<0.0063	U		0.002	J		<0.0057	U		<0.0057	U		0.0093			<0.003	U		<0.005	U		<0.005	U	
		VMP-48-20-102914	10/29/2014	<0.0075	U	UJ	<0.0078	U	UJ	<0.0068	U	UJ	<0.0068	U	UJ	0.0064	J	J	<0.0036	U	UJ	0.0028	J	J	<0.006	U	UJ
		VMP-48-20-111814-R	11/18/2014	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-48-20-020215	2/2/2015	<0.0061	U		<0.0064	U		<0.0056	J	U	<0.0056	U		0.0032	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-48-20-042815	4/28/2015	<0.0065	U		<0.0068	U		0.0012	J		<0.006	U		0.016			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-48-20-102015	10/20/2015	<0.0071	U		0.0028	J		<0.0065	U		<0.0065	U		0.0021	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-48-20-042516	4/25/2016	<0.0081	U		<0.0085	U		<0.0074	U		<0.0074	U		<0.0071	J	U	<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-48-20-102616	10/26/2016	<0.0067	U		0.0017	J		<0.0061	U		<0.0061	U		0.00095	J		<0.0032	U		0.0044	J		<0.0054	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-48	30 ft	VMP-48-30-020113	2/1/2013	<0.007	U		0.016			0.011			0.024			5.4			<0.0033	U		0.01			0.0024	J	J
		VMP-48-30-020113-DUP	2/1/2013	<0.028	U		0.017	J		0.0093	J		0.022	J		5.5			<0.013	U		0.0094	J		<0.022	U	UJ
		VMP-48-30-050313	5/3/2013	<0.0066	U		0.02			0.004	J		0.0071			0.97			<0.0031	U		0.0048	J		0.0013	J	
		VMP-48-30-080613	8/6/2013	<0.0075	U		0.015			<0.0068	U		<0.0068	U		0.39			<0.0036	U		<0.006	U		<0.006	U	
		VMP-48-30-110513	11/5/2013	<0.0066	U		0.016			0.0006	J		<0.006	U		0.027			<0.0031	U		0.00065	J		<0.0053	U	
		VMP-48-30-021814	2/18/2014	<0.0071	U		0.033			<0.0065	U		<0.0065	U		0.0016	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-48-30-042814	4/28/2014	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-48-30-042814-DUP	4/28/2014	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-48-30-080114	8/1/2014	<0.0071	U		0.026			<0.0065	U		<0.0065	U		0.0011	J		<0.0034	U		0.0012	J		<0.0057	U	
		VMP-48-30-080114-Dup	8/1/2014	<0.0067	U		0.027			<0.0061	U		<0.0061	U		0.0012	J		<0.0032	U		0.00084	J		<0.0054	U	
		VMP-48-30-102914	10/29/2014	<0.0076	U	UJ	0.068		J	<0.0069	U	UJ	<0.0069	U	UJ	<0.0066	J	UJ	<0.0036	U	UJ	0.0023	J	J	<0.0061	U	UJ
		VMP-48-30-111814-R	11/18/2014	<0.0074	U		0.096			0.007			<0.0068	U		0.018			<0.0035	U		<0.006	U		<0.006	U	
		VMP-48-30-020215	2/2/2015	<0.0054	U		0.052			<0.0049	U		<0.0049	U		0.00083	J		<0.0026	U		<0.0044	U		<0.0044	U	
		VMP-48-30-042815	4/28/2015	0.28			0.0027	J		0.0014	J		<0.0073	U		0.0034	J		<0.0038	U		0.01			0.0081		
		VMP-48-30-080315	8/3/2015	<0.0078	U		0.047			<0.0072	U		<0.0072	U		0.0078			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-48-30-102015	10/20/2015	<0.0073	U		0.16			0.0016	J		<0.0067	U		0.015			<0.0035	U		0.006			0.0023	J	
		VMP-48-30-102015-DUP	10/20/2015	<0.0073	U		0.16			<0.0067	U		<0.0067	U		0.013			<0.0035	U		0.0025	J		<0.0059	U	
		VMP-48-30-012916	1/29/2016	<0.0076	U		0.071			<0.0069	U		<0.0069	U		0.007			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-48-30-042516	4/25/2016	<0.0085	U		0.034			0.01			<0.0078	U		0.1			<0.004	U		0.022			0.007		
		VMP-48-30-042516-DUP	4/25/2016	<0.0075	U		0.038			0.0084			<0.0068	U		0.078			<0.0036	U		0.016			0.0054	J	
		VMP-48-30-072516	7/25/2016	<0.0066	U		0.037			<0.006	U		<0.006	U		0.0092			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-48-30-102616	10/26/2016	<0.0064	U		0.025			<0.0058	J	U	<0.0058	U		0.012			<0.003	U		0.086		J	0.018		J
		VMP-48-30-102616-Dup	10/26/2016	<0.0069	U		0.038			<0.0063	U		<0.0063	U		0.0039	J		<0.0033	U		0.0017	J	J	<0.0056	U	UJ
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	<0.0072	U		0.0012	J		<0.0066	U		<0.0066	U		0.0035	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-49-5-050713	5/7/2013	<0.0086	U		0.0016	J		<0.0079	U		<0.0079	U		0.028			<0.0041	U		<0.007	U		<0.007	U	
		VMP-49-5-080613	8/6/2013	<0.0083	U		<0.0086	U		<0.0076	U		<0.0076	U		0.0012	J		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-49-5-111113	11/11/2013	<0.0073	U		0.0014	J		0.033			0.0083			0.0011	J		<0.0035	U		0.0021	J		0.002	J	
		VMP-49-5-021814	2/18/2014	<0.0075	U		0.0011	J		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-49-5-042814	4/28/2014	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-49-5-080114	8/1/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0097			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-49-5-102914	10/29/2014	<0.0067	U		<0.007	J	U	<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-49-5-102914-DUP	10/29/2014	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	J	U	<0.0034	U		<0.0058	J	U	<0.0058	U	
		VMP-49-5-020215	2/3/2015	<0.0074	U		0.0014	J		<0.0068	J	U	<0.0068	U		0.0017	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-49-5-042815	4/28/2015	<0.0075	U		<0.0078	U		0.01			0.0029	J		<0.0065	U		<0.0036	U		0.0031	J		0.0018	J	
		VMP-49-5-073015	7/30/2015	<0.0074	U		0.0016	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-49-5-110315	11/3/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0019	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-49-5-020116	2/1/2016	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	J	U	<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-49-5-042616	4/26/2016	<0.0074	U		0.0014	J		<0.0067	U		<0.0067	U		0.0038	J		<0.0035	U		0.0016	J		<0.0059	U	
		VMP-49-5-080116	8/1/2016	<0.0069	U		0.0015	J		<0.0063	U		<0.0063	U		0.0013	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-49-5-102716	10/27/2016	<0.0071	U		0.0014	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.0073			0.0017	J	
	10 ft	VMP-49-10-020113	2/1/2013	<0.0071	U		0.00098	J		0.0085			<0.0065	J	U	<0.0062	U		<0.0034	U		<0.0057	J	U	<0.0057	U	
		VMP-49-10-050713	5/7/2013	<0.0074	U		0.0017	J		<0.0068	U		<0.0068	U		0.0016	J		<0.0035	U		0.0081			0.0036	J	
		VMP-49-10-050713-Dup	5/7/2013	<0.008	U		0.0018	J		<0.0073	U		<0.0073	U		0.0026	J		<0.0038	U		0.0071			0.0037	J	
		VMP-49-10-080613	8/6/2013	<0.0084	U		0.0012	J		<0.0077	U		<0.0077	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-49-10-103113	10/31/2013	<0.0076	U		0.0012	J		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-49-10-021814	2/18/2014	<0.0067	U		<0.007	U		0.0021	J		0.0011	J		0.0015	J		<0.0032	U		0.0014	J		<0.0054	U	
		VMP-49-10-042814	4/28/2014	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-49-10-080114	8/1/2014	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.00068	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-49-10-102914	10/29/2014	<0.0077	U		0.002	J		<0.007	U		<0.007	U		<0.0067	J	U	<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-49-10-020215	2/3/2015	<0.007	U		0.00098	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-49-10-042815	4/28/2015	<0.0099	U		<0.01	U		<0.0091	U		<0.0091	U		0.0023	J		<0.0047	U		<0.008	U		<0.008	U	
		VMP-49-10-073015	7/30/2015	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-49-10-110315	11/3/2015	<0.0078	U		0.0026	J		<0.0071	U		0.0017	J		0.0014	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-49-10-020116	2/1/2016	<0.0078	U		0.0014	J		<0.0071	U		<0.0071	U		<0.0068	J	U	<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-49-10-042616	4/26/2016	<0.0086	U		<0.009	U		<0.0079	U		<0.0079	U		0.0032	J		<0.0041	U		0.0025	J		<0.007	U	
		VMP-49-10-080116	8/1/2016	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-49-10-102716	10/27/2016	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0068			<0.0035	U		0.007			0.0019	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	20 ft	VMP-49-20-020113	2/1/2013	<0.0069	U		0.0011	J		<0.0063	U		<0.0063	U		0.0034	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-49-20-050913	5/9/2013	<0.0079	U		0.0018	J		<0.0072	U		<0.0072	U		0.022			<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-49-20-080613	8/6/2013	<0.0083	U		0.0013	J		<0.0076	U		<0.0076	U		0.003	J		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-49-20-080613-Dup	8/6/2013	<0.0077	U		0.0016	J		<0.007	U		<0.007	U		0.0048	J		<0.0037	U		0.0011	J		<0.0062	U	
		VMP-49-20-111113	11/11/2013	<0.0069	U		0.0013	J		0.018			0.0056	J		0.0023	J		<0.0033	U		0.0036	J		0.002	J	
		VMP-49-20-021814	2/18/2014	<0.0068	U		0.00095	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-49-20-042814	4/28/2014	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-49-20-080114	8/1/2014	<0.0076	U		<0.008	U		0.0035	J		0.0011	J		0.0012	J		<0.0036	U		0.002	J		<0.0062	U	
		VMP-49-20-102914	10/29/2014	<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-49-20-020215	2/3/2015	<0.0068	U		0.00099	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-49-20-073015	7/30/2015	<0.0075	U		<0.0079	U		0.013			0.0029	J		<0.0065	U		<0.0036	U		0.0061			0.0036	J	
		VMP-49-20-110315	11/3/2015	<0.0065	U		0.0021	J		<0.0059	U		<0.0059	U		0.0012	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-49-20-020116	2/1/2016	<0.0071	U		0.0013	J		<0.0065	U		<0.0065	U		0.013			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-49-20-042616	4/26/2016	<0.0069	U		0.0014	J		<0.0063	U		<0.0063	U		0.002	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-49-20-080116	8/1/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0011	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-49-20-102716	10/27/2016	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		0.0074			<0.0033	U		0.0018	J		<0.0057	U	
	30 ft	VMP-49-30-020113	2/1/2013	<0.33	U		<0.34	U		<0.3	U		<0.3	U		45			<0.16	U		<0.27	U		<0.27	U	
		VMP-49-30-050813	5/8/2013	<0.7	U		<0.73	U		<0.64	U		<0.64	U		60			<0.33	U		<0.56	U		<0.56	U	
		VMP-49-30-080613	8/6/2013	0.28	J		<0.7	U		<0.62	U		<0.62	U		360			<0.32	U		<0.54	U		<0.54	U	
		VMP-49-30-111113	11/11/2013	<0.22	U		<0.23	U		0.05	J		<0.2	U		62			<0.1	U		<0.18	U		<0.18	U	
		VMP-49-30-021814	2/18/2014	<0.0077	U		0.0012	J		<0.007	U		<0.007	U		0.99			<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-49-30-021814-Dup	2/18/2014	<0.0072	U		0.0013	J		<0.0066	U		<0.0066	U		1.1			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-49-30-042814	4/28/2014	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		1.2			<0.0035	U		<0.006	U		<0.006	U	
		VMP-49-30-080114	8/1/2014	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		0.001	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-49-30-102914	10/29/2014	<0.0075	U		0.0017	J		0.0018	J		<0.0068	U		<0.0065	J	U	<0.0036	U		0.0012	J		<0.006	U	
		VMP-49-30-020215	2/3/2015	<0.007	U		0.0017	J		<0.0064	J	U	<0.0064	U		0.0054	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-49-30-042815	4/28/2015	<0.0082	U		0.021			<0.0075	U		<0.0075	U		0.0091			<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-49-30-073015	7/30/2015	<1	U		<1	U		<0.92	U		<0.92	U		180			<0.48	U		<0.81	U		<0.81	U	
		VMP-49-30-073015-DUP	7/30/2015	<0.98	U		<1	U		0.37	J		<0.89	U		180			<0.46	U		0.24	J		0.24	J	
		VMP-49-30-110315	11/3/2015	<0.0072	U		0.0069	J		<0.0066	U		<0.0066	U		0.0016	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-49-30-110315-DUP	11/3/2015	<0.0066	U		0.0077			<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-49-30-020116	2/1/2016	<0.0074	U		0.0091			<0.0068	U		<0.0068	U		0.0039	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-49-30-020116-DUP	2/1/2016	<0.0069	U		0.0098			<0.0063	U		<0.0063	U		0.0036	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-49-30-042716	4/27/2016	<0.0075	U		0.0039	J		<0.0069	U		<0.0069	U		0.002	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-49-30-042716-DUP	4/27/2016	0.0056	J		0.0032	J		<0.0061	U		<0.0061	U		0.0023	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-49-30-080116	8/1/2016	<0.0078	U		0.0029	J		0.0033	J		<0.0071	U		0.0025	J		<0.0037	U		0.0042	J		<0.0063	U	
		VMP-49-30-080116-DUP	8/1/2016	<0.0078	U		0.0016	J		<0.0071	U		<0.0071	U		0.0026	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-49-30-102716	10/27/2016	<0.008	U		0.01			<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		0.006	J		0.0015	J	
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	<0.0068	U		0.0012	J		<0.0062	U		<0.0062	U		0.012			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-50-5-050713	5/7/2013	<0.0076	U		0.0016	J		<0.007	U		<0.007	U		0.0045	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-50-5-080713	8/7/2013	0.0026	J		0.0014	J		<0.0068	U		<0.0068	U		0.016			<0.0035	U		0.001	J		<0.006	U	
		VMP-50-5-110713	11/7/2013	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.0072			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-50-5-022614	2/26/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	J	U	<0.0032	U		<0.0055	J	U	<0.0055	U	
		VMP-50-5-043014	4/30/2014	<0.0058	U		0.0021	J		<0.0053	U		<0.0053	U		0.0061			<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-50-5-081414	8/14/2014	<0.0078	U		0.0022	J		0.0044	J		<0.0071	J	U	0.0069			<0.0037	U		0.0015	J		<0.0063	U	
		VMP-50-5-110614	11/6/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0018	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-50-5-021015	2/10/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.024			<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-50-5-050515	5/5/2015	<0.0079	U		0.0015	J		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-50-5-073015	7/30/2015	<0.0077	U		<0.0081	U		<0.0071	U		0.00087	J		0.0048	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-50-5-110315	11/3/2015	<0.0062	U		0.0023	J		<0.0056	U		<0.0056	U		0.0031	J		<0.0029	U		<0.005	U		<0.005	U	
		VMP-50-5-020216	2/2/2016	<0.0077	U		<0.008	U		<0.007	J	U	<0.007	U		0.0016	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-50-5-050316	5/3/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-50-5-080216	8/2/2016	<0.0097	U		0.0023	J		<0.0088	U		<0.0088	U		0.0023	J		<0.0046	U		<0.0078	U		<0.0078	U	
		VMP-50-5-103116	10/31/2016	<0.012	U		<0.013	U		0.0017	J		<0.011	U		<0.011	U		<0.0058	U		0.011			0.0027	J	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-50	10 ft	VMP-50-10-020113	2/1/2013	<0.0074	U		0.0011	J		<0.0068	J	U	<0.0068	J	U	0.0093			<0.0035	U		<0.006	U		<0.006	U	
		VMP-50-10-050713	5/7/2013	<0.0081	U		0.0011	J		<0.0074	U		<0.0074	U		0.0033	J		<0.0038	U		<0.0066	U		<0.0066	U	
		VMP-50-10-080713	8/7/2013	<0.0076	U		0.0015	J		<0.0069	U		<0.0069	U		0.0055	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-50-10-080713-Dup	8/7/2013	<0.0076	U		0.0018	J		<0.007	U		<0.007	U		0.0075			<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-50-10-110713	11/7/2013	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0099			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-50-10-022614	2/26/2014	<0.0063	U		<0.0065	U		<0.0057	J	U	<0.0057	J	U	0.035			<0.003	U		<0.005	U		<0.005	U	
		VMP-50-10-043014	4/30/2014	<0.0064	U		0.0022	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-50-10-081414	8/14/2014	<0.0086	U		0.0027	J		<0.0078	U		<0.0078	U		0.0092			<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-50-10-110614	11/6/2014	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0019	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-50-10-021015	2/10/2015	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-50-10-050515	5/5/2015	<0.0071	U		0.0016	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-50-10-073015	7/30/2015	<0.0081	U		0.0018	J		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-50-10-110315	11/3/2015	<0.0068	U		0.0022	J		<0.0062	U		<0.0062	U		0.0011	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-50-10-020216	2/2/2016	<0.0065	U		<0.0068	U		<0.006	J	U	<0.006	U		0.0032	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-50-10-050316	5/3/2016	<0.0068	U		0.0015	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-50-10-082616	8/26/2016	<0.0068	U		0.0018	J		<0.0063	U		<0.0063	U		0.0074			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-50-10-103116	10/31/2016	<0.0071	U		0.0015	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
	20 ft	VMP-50-20-020113	2/1/2013	<0.029	U		<0.03	U		0.0075	J		<0.026	U		9.2			<0.014	U		0.0078	J		0.0071	J	
		VMP-50-20-050713	5/7/2013	<0.056	U		<0.058	U		0.021	J		0.017	J		16			<0.026	U		0.044	J		0.045		
		VMP-50-20-080713	8/7/2013	<0.027	U		<0.028	U		<0.024	U		<0.024	U		5.5			<0.013	U		0.0043	J		<0.022	U	
		VMP-50-20-110713	11/7/2013	<0.0073	U		<0.0077	U		<0.0067	J	U	<0.0067	U		0.34			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-50-20-110713-Dup	11/7/2013	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.36			<0.0035	U		<0.006	U		<0.006	U	
		VMP-50-20-022614	2/26/2014	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.35			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-50-20-043014	4/30/2014	<0.013	U		<0.014	U		0.00076	J		<0.012	U		0.15			<0.0062	U		<0.01	U		<0.01	U	
		VMP-50-20-081414	8/14/2014	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.002	J		<0.0036	U		0.0046	J		<0.0061	U	
		VMP-50-20-110614	11/6/2014	<0.0063	U		<0.0065	U		<0.0057	U		<0.0057	U		0.002	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-50-20-021015	2/10/2015	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-50-20-050515	5/5/2015	<0.0077	U		0.0017	J		<0.007	U		<0.007	U		0.0011	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-50-20-073015	7/30/2015	<0.0074	U		0.0018	J		<0.0068	U		<0.0068	U		0.0021	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-50-20-110315	11/3/2015	<0.0074	U		0.0023	J		0.014			0.0038	J		0.0012	J		<0.0035	U		0.022			0.01		
		VMP-50-20-020216	2/2/2016	<0.009	U		<0.0094	U		<0.0082	U		<0.0082	U		<0.0078	U		<0.0043	U		<0.0072	U		<0.0072	U	
		VMP-50-20-050316	5/3/2016	<0.0086	U		<0.009	U		<0.0079	U		<0.0079	U		0.0035	J		<0.0041	U		0.0012	J		<0.007	U	
		VMP-50-20-082616	8/26/2016	<0.0074	U		0.0019	J		<0.0067	U		<0.0067	U		0.0011	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-50-20-103116	10/31/2016	<0.0076	U		0.0019	J		<0.0069	U		<0.0069	U		<0.0066	J	U	<0.0036	U		<0.0061	U		<0.0061	U	
	30 ft	VMP-50-30-020113	2/1/2013	<7	U		<7.3	U		39			19			450			<3.3	U		700			220		
		VMP-50-30-050713	5/7/2013	<4.1	U		<4.3	U		1200			330			900			<2	U		1200			530		
		VMP-50-30-080713	8/7/2013	<7.6	U		<8	U		<7	U		<7	U		260			<3.6	U		2	J		<6.1	U	
		VMP-50-30-110713	11/7/2013	<1.2	U		<1.3	U		180			52			490			<0.58	U		410			180		
		VMP-50-30-022614	2/26/2014	<1.1	U		<1.2	U		81			26			200			<0.54	U		200			90		
		VMP-50-30-022614-Dup	2/26/2014	<1	U		<1.1	U		77			24			190			<0.5	U		190			86		
		VMP-50-30-043014	4/30/2014	<3.4	U		<3.5	U		36			16			350			<1.6	U		140			53		
		VMP-50-30-043014-DUP	4/30/2014	<3.3	U		<3.5	U		30			14			370			<1.6	U		140			54		
		VMP-50-30-081414	8/14/2014	<0.28	U		<0.29	U		27			14			27			<0.13	U	UJ	57			28		
		VMP-50-30-081414-Dup	8/14/2014	<0.26	U		<0.27	U		26			13			26			<0.12	U	UJ	56			26		
		VMP-50-30-110614	11/6/2014	<0.67	U		<0.7	U		16			11			220			<0.32	U		100			32		
		VMP-50-30-110614-DUP	11/6/2014	<0.76	U		<0.79	U		18			12			210			<0.36	U		110			35		
		VMP-50-30-021015	2/10/2015	<1.7	U		<1.8	U		40			20			190			<0.8	U		420			140		
		VMP-50-30-050515	5/5/2015	<1.6	U		<1.6	U		91			39			140			<0.75	U		550			190		
		VMP-50-30-061515-R	6/15/2015	<0.74	U		<0.77	U		110			48			140			<0.35	U		630	E	J	250		
		VMP-50-30-073015	7/30/2015	<1	U		<1.1	U		130			56			96			<0.5	U		550			240		
		VMP-50-30-110315	11/3/2015	<0.072	U		<0.076	U		120			58			85			<0.034	U		280			150		
		VMP-50-30-020216	2/2/2016	<2.2	U		<2.3	U		180			95			94			<1	ND,UJ	UJ	190			98		
		VMP-50-30-020216-DUP	2/2/2016	<2.5	U		<2.6	U		200			100			100			<1.2	ND,UJ	UJ	210			100		
		VMP-50-30-050316	5/3/2016	<0.26	U		<0.27	U		230			120			79			<0.12	U		120			54		
		VMP-50-30-080216	8/2/2016	<0.076	U		<0.08	U		2.2			11			29			<0.036	U		6.8			5.5		
		VMP-50-30-103116	10/31/2016	<0.15	U		<0.16	U		15			29			45			<0.072	U		9.6			2.8		

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	<0.0073	U		0.0011	J		<0.0067	U		<0.0067	U		0.0045	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-51-5-050213	5/2/2013	<0.0068	U		0.0019	J		<0.0062	U		<0.0062	U		0.068			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-51-5-080713	8/7/2013	<0.015	U		<0.015	U		<0.013	U		<0.013	U		<0.013	U		<0.007	U		<0.012	U		<0.012	U	
		VMP-51-5-103013	10/30/2013	<0.0079	U		0.0011	J		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		0.0003	J		<0.0064	U	
		VMP-51-5-021814	2/18/2014	<0.0062	U		<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-51-5-042814	4/28/2014	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-51-5-080114	8/1/2014	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-51-05-102914	10/29/2014	<0.0064	U		0.0012	J		<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-51-5-020315	2/3/2015	<0.0071	U		0.0012	J		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-51-5-042915	4/29/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0018	J		<0.0035	U		0.0017	J		<0.006	U	
		VMP-51-5-072115	7/21/2015	<0.007	U		0.0017	J		0.22			0.066			0.0036	J		<0.0033	U		0.3			0.19		
		VMP-51-5-102815	10/28/2015	<0.0081	U		<0.0085	U		0.0018	J		<0.0074	U		0.011			<0.0039	U		0.0025	J		<0.0066	U	
		VMP-51-5-012516	1/25/2016	<0.006	U		<0.0063	U		<0.0055	U		<0.0055	U		0.0098			<0.0029	U		<0.0049	U		<0.0049	U	
		VMP-51-5-042816	4/28/2016	<0.0076	U		0.0017	J		<0.007	U		<0.007	U		0.0011	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-51-5-072716	7/27/2016	<0.0076	U		0.0022	J		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-51-5-101916	10/19/2016	<0.0076	U		0.0015	J		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
	10 ft	VMP-51-10-020113	2/1/2013	<0.0074	U		0.00093	J		<0.0068	U		<0.0068	U		0.0027	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-51-10-050213	5/2/2013	<0.0077	U		0.0019	J		<0.007	U		<0.007	U		0.11			<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-51-10-080713	8/7/2013	<0.0076	U		0.0017	J		<0.0069	U		<0.0069	U		0.0026	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-51-10-103013	10/30/2013	<0.0071	U		0.0012	J		0.00072	J		<0.0065	U		0.008			<0.0034	U		0.00054	J		<0.0057	U	
		VMP-51-10-021814	2/18/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-51-10-042814	4/28/2014	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.028			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-51-10-080114	8/1/2014	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.00096	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-51-10-102914	10/29/2014	<0.007	U		0.0012	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-51-10-020315	2/3/2015	<0.0065	U		0.0012	J		<0.0059	J	U	<0.0059	U		0.0015	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-51-10-042915	4/29/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-51-10-072115	7/21/2015	<0.0081	U		0.0016	J		<0.0074	U		<0.0074	U		0.003	J		<0.0038	U		<0.0066	U		<0.0066	U	
		VMP-51-10-102815	10/28/2015	<0.0072	U		<0.0076	J	U	<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-51-10-012516	1/25/2016	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-51-10-042816	4/28/2016	<0.0074	U		<0.0077	U		0.0089			<0.0067	U		0.046			<0.0035	U		0.015			0.0056	J	
		VMP-51-10-042816-DUP	4/28/2016	<0.0076	U		<0.008	U		0.01			0.0029	J		0.04			<0.0036	U		0.014			0.0054	J	
		VMP-51-10-072716	7/27/2016	<0.0078	U		0.002	J		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-51-10-101916	10/19/2016	<0.0062	U		0.0019	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
	20 ft	VMP-51-20-021513-R	2/15/2013	<0.0071	U		0.0013	J		0.0049	J	J	<0.0065	U		0.078			<0.0034	U		0.0022	J		<0.0057	U	
		VMP-51-20-050213	5/2/2013	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		0.034			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-51-20-080713	8/7/2013	<0.008	U		0.0016	J		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-51-20-103013	10/30/2013	<0.0071	U		0.0012	J		0.00037	J		<0.0065	U		0.0086			<0.0034	U		0.00045	J		<0.0058	U	
		VMP-51-20-021814	2/18/2014	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-51-20-042814	4/28/2014	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-51-20-080114	8/1/2014	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-51-20-102914	10/29/2014	<0.0068	U		0.0014	J		<0.0062	U		<0.0062	U		<0.0059	J	U	<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-51-20-020315	2/3/2015	<0.0068	U		0.0013	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-51-20-042915	4/29/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0034	J		<0.0032	U		0.002	J		<0.0055	U	
		VMP-51-20-072115	7/21/2015	<0.0096	U		0.0019	J		0.0045	J		0.0017	J		0.011			<0.0046	U		0.017			0.0073	J	
		VMP-51-20-102815	10/28/2015	<0.0068	U		<0.0071	J	U	<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-51-20-012516	1/25/2016	<0.0071	U		<0.0074	U		0.017			0.0025	J		0.03			<0.0034	U		0.0017	J		<0.0057	U	
		VMP-51-20-042816	4/28/2016	<0.0085	U		<0.0088	U		0.0026	J		<0.0077	U		<0.0074	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-51-20-052516-R	5/25/2016	<0.0074	U		<0.0077	U		<0.0068	J	U	<0.0068	U		0.0094			<0.0035	U		0.0075			0.0026	J	
		VMP-51-20-072716	7/27/2016	<0.0086	U		0.0017	J		<0.0079	U		<0.0079	U		<0.0075	U		<0.0041	U		<0.007	U		<0.007	U	
		VMP-51-20-101916-Dup	10/19/2016	<0.0069	U		0.0016	J		<0.0063	U		<0.0063	U		0.008			<0.0033	U		0.0033	J		<0.0056	U	
		VMP-51-20-101916	10/19/2016	<0.0067	U		0.0014	J		<0.0062	U		<0.0062	U		0.01			<0.0032	U		0.0028	J		<0.0054	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	30 ft	VMP-51-30-020413	2/4/2013	<0.0078	U		<0.0081	J	U	<0.0071	U		<0.0071	U		0.0041	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-51-30-020413-DUP	2/4/2013	<0.0076	U		<0.0079	J	U	<0.0069	U		<0.0069	U		0.0054	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-51-30-050213	5/2/2013	<0.0077	J	U	0.0021	J		<0.007	U		<0.007	U		0.034			<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-51-30-080713	8/7/2013	<0.0081	U		0.0023	J		<0.0074	U		<0.0074	U		0.0023	J		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-51-30-103013	10/30/2013	<0.014	U		<0.015	U		<0.013	U		<0.013	U		0.0068	J		<0.0066	U		<0.011	U		<0.011	U	
		VMP-51-30-021814	2/18/2014	<0.0073	U		0.0015	J		<0.0067	U		<0.0067	U		0.008			<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-51-30-042814	4/28/2014	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-51-30-080114	8/1/2014	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-51-30-102914	10/29/2014	<0.0069	U		0.0016	J		0.0014	J		<0.0063	U		<0.006	U		<0.0033	U		0.0012	J		<0.0056	U	
		VMP-51-30-102914-DUP	10/29/2014	<0.0072	U		0.0018	J		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		0.00098	J		<0.0058	U	
		VMP-51-30-020315	2/3/2015	0.002	J		0.0012	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-51-30-020315-DUP	2/3/2015	<0.0071	U		0.001	J		0.0054	J		0.0015	J		<0.0062	U		<0.0034	U		0.003	J		0.0014	J	
		VMP-51-30-042915	4/29/2015	<0.0073	U		<0.0077	U		0.0018	J		0.00078	J		0.0081			<0.0035	U		0.0073			0.0026	J	
		VMP-51-30-042915-DUP	4/29/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0075			<0.0034	U		0.0059			0.0014	J	
		VMP-51-30-072115	7/21/2015	<0.0068	U		0.0021	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-51-30-102815	10/28/2015	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-51-30-012516	1/25/2016	<0.0073	U		0.0018	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-51-30-012516-DUP	1/25/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-51-30-042816	4/28/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.013			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-51-30-072716	7/27/2016	<0.0072	U		0.0021	J		<0.0066	U		<0.0066	U		0.0066			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-51-30-072716-DUP	7/27/2016	<0.0071	U		0.002	J		<0.0065	U		<0.0065	U		0.0062			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-51-30-101916	10/19/2016	<0.0074	U		0.002	J		<0.0068	U		<0.0068	U		<0.0065	U		<0.0035	U		0.0041	J		0.0015	J	
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	<0.0068	U		0.0014	J		<0.0062	J	U	<0.0062	U		0.0025	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-52-5-050213	5/2/2013	<0.008	U		0.0019	J		<0.0073	U		<0.0073	U		0.045		J	<0.0038	U		0.012			0.0062	J	
		VMP-52-5-050213-Dup	5/2/2013	<0.0075	U		0.0017	J		<0.0069	U		<0.0069	U		0.14		J	<0.0036	U		0.014			0.0065		
		VMP-52-5-080713	8/7/2013	<0.0076	U		0.0023	J		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-52-5-103013	10/30/2013	<0.007	U		0.0012	J		0.0005	J		<0.0064	U		0.0079			<0.0033	U		0.0028	J		0.00098	J	
		VMP-52-5-022114	2/21/2014	<0.007	U		<0.0073	U		0.0024	J		<0.0064	U		0.0016	J		<0.0033	U		0.0072			<0.0057	U	
		VMP-52-5-050514	5/5/2014	<0.0068	U		<0.0071	U		<0.0062	J	U	<0.0062	U		0.0079			<0.0032	U		0.0022	J		0.0012	J	
		VMP-52-5-050514-Dup	5/5/2014	<0.0065	U		<0.0068	U		<0.0059	J	U	<0.0059	U		0.01			<0.0031	U		0.0042	J		0.0018	J	
		VMP-52-5-080114	8/1/2014	<0.0073	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-52-5-103114	10/31/2014	<0.0065	U		0.002	J		<0.0059	U		<0.0059	U		0.0018	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-52-5-020415	2/4/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-52-5-042915	4/29/2015	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0068	U		<0.0037	U		<0.0064	U		<0.0064	U	
		VMP-52-5-072715	7/27/2015	<0.0079	U		0.0024	J		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		0.0013	J		<0.0064	U	
		VMP-52-5-102915	10/29/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-52-5-012516	1/25/2016	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		0.0017	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-52-5-042516	4/25/2016	<0.0066	U		0.0016	J		<0.0061	U		<0.0061	U		0.0012	J		<0.0032	U		0.0053	J		0.0028	J	
		VMP-52-5-072716	7/27/2016	<0.0079	U		0.0023	J		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-52-5-102716	10/27/2016	<0.0066	U		0.0014	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
	10 ft	VMP-52-10-020413	2/4/2013	<0.0064	U		0.0011	J		<0.0059	U		<0.0059	U		0.0032	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-52-10-051613	5/16/2013	<0.0077	U		0.0016	J		0.042			0.14			0.13			<0.0036	U		0.17			0.085		
		VMP-52-10-080713	8/7/2013	<0.0078	U		0.0016	J		<0.0071	U		<0.0071	U		0.0017	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-52-10-103013	10/30/2013	<0.0071	U		0.0012	J		<0.0065	U		<0.0065	U		0.008			<0.0034	U		0.00065	J		<0.0058	U	
		VMP-52-10-022114	2/21/2014	<0.0068	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0019	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-52-10-080114	8/1/2014	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		0.00074	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-52-10-103114	10/31/2014	<0.0074	U		0.0016	J		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-52-10-020415	2/4/2015	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-52-10-042915	4/29/2015	<0.0088	U		<0.0092	U		<0.0081	U		<0.0081	U		0.002	J		<0.0042	U		<0.0071	U		<0.0071	U	
		VMP-52-10-072715	7/27/2015	<0.0072	U		0.0021	J		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-52-10-102915	10/29/2015	<0.008	U		<0.0084	U		<0.0073	U		<0.0073	U		0.0074		J	<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-52-10-012516	1/25/2016	<0.0068	U		0.0023	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-52-10-042516	4/25/2016	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		<0.0073	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-52-10-072716	7/27/2016	<0.0084	U		0.0025	J		<0.0077	U		<0.0077	U		0.0036	J		<0.004	U		0.0066	J		0.0017	J	
		VMP-52-10-102716	10/27/2016	<0.0074	U		0.0019	J		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-52	20 ft	VMP-52-20-020413	2/4/2013	<0.0072	U		<0.0075	J	U	<0.0066	J	U	<0.0066	J	U	0.059			<0.0034	U		0.0025	J		<0.0058	J	U
		VMP-52-20-020413-DUP	2/4/2013	<0.0069	U		<0.0072	J	U	<0.0063	U		<0.0063	U		0.052			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-52-20-050213	5/2/2013	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		0.026			<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-52-20-080713	8/7/2013	<0.0084	U		0.0016	J		<0.0076	U		<0.0076	U		<0.0073	U		<0.004	U		0.00059	J		<0.0068	U	
		VMP-52-20-103013	10/30/2013	<0.0079	U		0.0014	J		0.00083	J		<0.0072	U		0.014			<0.0038	U		0.0013	J		0.00044	J	
		VMP-52-20-022114	2/21/2014	<0.0074	U		0.0011	J		0.004	J		0.0013	J		0.14			<0.0035	U		<0.006	J	U	<0.006	U	
		VMP-52-20-042914	4/29/2014	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0015	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-52-20-082014-R	8/20/2014	<0.0074	U		<0.0077	U		<0.0068	U		<0.0068	U		0.0018	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-52-20-103114	10/31/2014	<0.0069	U		0.0021	J		<0.0063	U		<0.0063	U		0.0018	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-52-20-020415	2/4/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.00049	J		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-52-20-042915	4/29/2015	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-52-20-072715	7/27/2015	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-52-20-102915	10/29/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.0014	J	J	<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-52-20-012516	1/25/2016	<0.0074	U		<0.0078	U		<0.0068	J	U	<0.0068	U		0.02			<0.0035	U		<0.006	U		<0.006	U	
		VMP-52-20-042516	4/25/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-52-20-072716	7/27/2016	<0.0088	U		<0.0092	U		<0.0081	U		<0.0081	U		0.014			<0.0042	U		<0.0071	U		<0.0071	U	
		VMP-52-20-102716	10/27/2016	<0.0068	U		0.0016	J		<0.0062	U		<0.0062	U		<0.0059	J	U	<0.0032	U		0.0032	J		<0.0055	U	
	30 ft	VMP-52-30-020413	2/4/2013	<0.0076	U		0.0021	J		<0.0069	U		<0.0069	U		0.58			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-52-30-050613	5/6/2013	<0.0074	U		0.0021	J		<0.0068	U		<0.0068	U		0.0069			<0.0035	U		<0.006	U		<0.006	U	
		VMP-52-30-080713	8/7/2013	<0.0078	U		0.0019	J		<0.0071	U		<0.0071	U		0.0067	J		<0.0037	U		0.0009	J		<0.0063	U	
		VMP-52-30-103013	10/30/2013	<0.0076	U		0.0015	J		<0.0069	U		<0.0069	U		0.012			<0.0036	U		0.00042	J		<0.0061	U	
		VMP-52-30-022114	2/21/2014	<0.0069	U		0.0014	J		<0.0063	U		<0.0063	U		0.011			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-52-30-022114-Dup	2/21/2014	<0.0067	U		0.0015	J		<0.0062	U		<0.0062	U		0.0081			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-52-30-042914	4/29/2014	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.0031	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-52-30-042914-DUP	4/29/2014	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0026	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-52-30-080114	8/1/2014	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		0.0032	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-52-30-080114-Dup	8/1/2014	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		0.0034	J		<0.0033	U		0.00094	J		<0.0057	U	
		VMP-52-30-103114	10/31/2014	<0.0072	U		0.0014	J		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-52-30-020415	2/4/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.005	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-52-30-020415-DUP	2/4/2015	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		0.0047	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-52-30-042915	4/29/2015	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.0032	J		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-52-30-072715	7/27/2015	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-52-30-102915	10/29/2015	<0.0068	U		0.0019	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		0.0012	J		<0.0055	U	
		VMP-52-30-020216-R	2/2/2016	<0.0078	U		0.0015	J		<0.0071	U		<0.0071	U		0.0014	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-52-30-042516	4/25/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-52-30-072716	7/27/2016	<0.0089	U		<0.0093	U		<0.0081	U		<0.0081	U		<0.0077	U		<0.0042	U		<0.0072	U		<0.0072	U	
		VMP-52-30-102716	10/27/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0022	J		<0.0038	U		0.004	J		<0.0064	U	
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	<0.0069	U		<0.0072	J	U	<0.0063	U		<0.0063	U		0.002	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-53-5-050213	5/2/2013	<0.0082	U		0.002	J		<0.0075	U		<0.0075	U		0.054			<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-53-5-071113-R	7/11/2013	<0.011	U		<0.012	U		0.007	J		0.015			0.011			<0.0052	U		0.0094			0.0064	J	
		VMP-53-5-080613	8/6/2013	<0.014	U		<0.015	U		<0.013	U		<0.013	U		0.023			<0.0069	U		0.0013	J		<0.012	U	
		VMP-53-5-103013	10/30/2013	<0.013	U		0.0011	J		<0.012	U		<0.012	U		0.0018	J		<0.0064	U		<0.011	U		<0.011	U	
		VMP-53-5-022114	2/21/2014	<0.0068	U		0.0011	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-53-5-042514	4/25/2014	<0.0073	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-53-5-073014	7/30/2014	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		0.0027	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-53-5-102914	10/29/2014	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-53-5-020415	2/4/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-53-5-050415	5/4/2015	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		0.0017	J		<0.0038	U		0.0025	J		<0.0064	U	
		VMP-53-5-072415	7/24/2015	<0.0083	U		<0.0086	U		<0.0076	U		<0.0076	U		0.00065	J		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-53-5-102815	10/28/2015	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-53-5-012816	1/28/2016	<0.0072	U		<0.0076	U		0.0088			0.0016	J		0.0056	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-53-5-042816	4/28/2016	<0.0067	U		<0.007	U		0.0015	J		<0.0061	U		0.0018	J		<0.0032	U		0.0024	J		0.0012	J	
		VMP-53-5-072916	7/29/2016	<0.0085	U		<0.0088	U		<0.0077	U		<0.0077	U		0.025			<0.004	U		<0.0068	U		<0.0068	U	
		VMP-53-5-102516	10/25/2016	<0.0073	U		0.0014	J		<0.0067	U		<0.0067	U		0.0065			<0.0035	U		0.0048	J		0.0019	J	
		VMP-53-5-120916	12/9/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	10 ft	VMP-53-10-020513	2/5/2013	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		0.0038	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-53-10-020513-DUP	2/5/2013	<0.0066	U		<0.0069	J	U	<0.0061	U		<0.0061	U		<0.0058	J	U	<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-53-10-050313	5/3/2013	<0.0075	U		<0.0079	U		0.012			0.0068	J		0.73			<0.0036	U		0.09			0.012		
		VMP-53-10-071113-R	7/11/2013	<0.0083	U		0.0018	J		<0.0076	U		<0.0076	U		0.026			<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-53-10-080613	8/6/2013	<0.016	U		<0.016	U		<0.014	U		<0.014	U		0.0066	J		<0.0074	U		<0.012	U		<0.012	U	
		VMP-53-10-080613-Dup	8/6/2013	<0.0077	U		<0.0081	U		<0.007	U		<0.007	U		0.01			<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-53-10-103013	10/30/2013	<0.0074	U		0.0012	J		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-53-10-022114	2/21/2014	<0.0068	U		0.0013	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-53-10-042514	4/25/2014	<0.0074	U		<0.0077	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-53-10-073014	7/30/2014	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.003	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-53-10-102914	10/29/2014	<0.0077	U		0.0015	J		<0.0071	U		<0.0071	U		<0.0067	U		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-53-10-020415	2/4/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-53-10-050415	5/4/2015	<0.0067	U		0.0014	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-53-10-072415	7/24/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.087			<0.0035	U		<0.006	U		<0.006	U	
		VMP-53-10-102815	10/28/2015	<0.0069	U		<0.0072	J	U	<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-53-10-012816	1/28/2016	<0.0085	U		<0.0089	U		<0.0078	U		<0.0078	U		<0.0074	U		<0.004	U		<0.0069	U		<0.0069	U	
		VMP-53-10-042816	4/28/2016	<0.0077	U		<0.008	U		0.0017	J		<0.007	U		0.054			<0.0036	U		0.022			0.0066		
		VMP-53-10-082616	8/26/2016	<0.0067	U		0.0017	J		<0.0062	U		<0.0062	U		0.0021	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-53-10-102516	10/25/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0014	J		<0.0035	U		0.0046	J		0.0011	J	
		VMP-53-10-120916	12/9/2016	<0.0068	U		<0.0072	U		0.002	J		<0.0063	U		<0.006	U		<0.0032	U		<0.0055	U		<0.0055	U	
	20 ft	VMP-53-20-020513	2/5/2013	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		0.0024	J		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-53-20-050313	5/3/2013	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.002	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-53-20-071113-R	7/11/2013	0.035			0.0018	J		<0.0078	U		<0.0078	U		0.016			<0.004	U		0.0022	J		0.001	J	
		VMP-53-20-080613	8/6/2013	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.021			<0.0038	U		0.0012	J		<0.0064	U	
		VMP-53-20-103013	10/30/2013	<0.0074	U		0.0011	J		<0.0068	U		<0.0068	U		0.0058	J		<0.0035	U		0.00053	J		<0.006	U	
		VMP-53-20-103013-Dup	10/30/2013	<0.0074	U		0.0013	J		<0.0067	U		<0.0067	U		0.0064			<0.0035	U		0.00024	J		<0.0059	U	
		VMP-53-20-022114	2/21/2014	<0.0067	U		0.0012	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-53-20-042514	4/25/2014	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0023	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-53-20-073014	7/30/2014	<0.0074	U		<0.0078	U		0.0013	J		<0.0068	U		0.01			<0.0035	U		0.0021	J		<0.006	U	
		VMP-53-20-102914	10/29/2014	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-53-20-020415	2/4/2015	<0.015	U		<0.016	U		<0.014	U		<0.014	U		<0.013	U		<0.0071	U		<0.012	U		<0.012	U	
		VMP-53-20-050415	5/4/2015	<0.0074	U		0.0014	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-53-20-072415	7/24/2015	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-53-20-102815	10/28/2015	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-53-20-021616	2/16/2016	<0.0086	U		0.002	J		<0.0079	U		<0.0079	U		<0.0075	U		<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-53-20-042816	4/28/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-53-20-072916	7/29/2016	<0.0082	U		0.0022	J		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-53-20-102516	10/25/2016	<0.013	U		<0.013	U		<0.012	U		<0.012	U		<0.011	U		<0.006	U		<0.01	U		<0.01	U	
		VMP-53-20-120916	12/9/2016	<0.0068	U		0.0017	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
	30 ft	VMP-53-30-020513	2/5/2013	<0.0072	U		0.0013	J		<0.0066	U		<0.0066	U		0.0023	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-53-30-050313	5/3/2013	<0.0075	U		0.0016	J		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-53-30-071113-R	7/11/2013	0.0051	J		0.0029	J		<0.0081	U		<0.0081	U		0.014			<0.0042	U		<0.0071	U		<0.0071	U	
		VMP-53-30-080613	8/6/2013	<0.0089	U		<0.0093	U		<0.0081	U		<0.0081	U		<0.0077	U		<0.0042	U		0.0017	J		<0.0072	U	
		VMP-53-30-103013	10/30/2013	<0.0076	U		0.0015	J		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		0.00015	J		<0.0062	U	
		VMP-53-30-022114	2/21/2014	<0.0063	U		0.0011	J		<0.0058	U		<0.0058	U		0.0022	J		<0.003	U		<0.0051	U		<0.0051	U	
		VMP-53-30-042514	4/25/2014	<0.0072	U		<0.0075	U		0.0022	J		<0.0066	U		0.0015	J		<0.0034	U		0.0018	J		<0.0058	U	
		VMP-53-30-042514-DUP	4/25/2014	<0.0076	U		<0.0079	U		0.0019	J		<0.0069	U		0.0012	J		<0.0036	U		0.0012	J		<0.0061	U	
		VMP-53-30-073014	7/30/2014	<0.0072	U		<0.0075	U		0.0018	J		<0.0066	U		0.011			<0.0034	U		<0.0058	U		0.0013	J	
		VMP-53-30-073014-Dup	7/30/2014	<0.0079	U		<0.0082	U		0.0016	J		<0.0072	U		0.0081			<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-53-30-102914	10/29/2014	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-53-30-020415	2/4/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-53-30-050415	5/4/2015	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		<0.007	U		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-53-30-072415	7/24/2015	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-53-30-102815	10/28/2015	<0.008	U		<0.0083	U		0.0015	J		<0.0073	U		0.0083			<0.0038	U		0.0044	J		0.002	J	
		VMP-53-30-012816	1/28/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.0011	J		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-53-30-042816	4/28/2016	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		<0.0072	U		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-53-30-052516-R	5/25/2016	<0.007	U		0.0014	J		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-53-30-072916	7/29/2016	<0.0058	U		0.0014	J		<0.0053	U		<0.0053	U		0.0025	J		<0.0028	U		0.0012	J		<0.0047	U	
		VMP-53-30-102516	10/25/2016	<0.013	U		<0.014	U		<0.012	U		<0.012	U		<0.012	U		<0.0064	U		0.0087	J		0.0031	J	
		VMP-53-30-120916	12/9/2016	<0.0077	U		0.0015	J		<0.007	U		<0.007	U		0.0098	J0	J	<0.0036	U		<0.0062	U		<0.0062	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	<0.0074	U		<0.0078	J	U	0.047			0.014			0.022			<0.0035	U		0.036			0.02		
		VMP-54-5-050213	5/2/2013	0.004	J		0.0017	J		<0.0062	U		<0.0062	U		0.0022	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-54-5-080613	8/6/2013	<0.0089	U		<0.0093	U		<0.0081	U		<0.0081	U		0.031			<0.0042	U		0.00085	J		<0.0072	U	
		VMP-54-5-103013	10/30/2013	<0.0073	U		0.0012	J		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		0.00033	J		<0.0059	U	
		VMP-54-5-021014	2/10/2014	<0.0071	U		0.0014	J		0.0038	J		0.0014	J		0.24			<0.0034	U		0.00082	J		<0.0058	U	
		VMP-54-5-042514	4/25/2014	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		0.0019	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-54-5-073014	7/30/2014	<0.0068	U		<0.0071	U		0.0012	J		<0.0062	U		0.0042	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-54-5-102914	10/29/2014	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-54-5-020515	2/5/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-54-5-050415	5/4/2015	<0.0069	U		0.0015	J		<0.0063	U		<0.0063	U		0.00082	J		<0.0033	U		0.0012	J		<0.0056	U	
		VMP-54-5-072415	7/24/2015	<0.0084	U		<0.0087	U		<0.0076	U		<0.0076	U		0.0023	J		<0.004	U		0.0036	J		<0.0068	U	
		VMP-54-5-102715	10/27/2015	<0.0063	U		<0.0065	J	U	<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-54-5-012816	1/28/2016	<0.0077	U		0.0019	J		<0.007	U		<0.007	U		<0.0067	U		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-54-5-042916	4/29/2016	<0.0066	U		0.0013	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-54-5-080116	8/1/2016	<0.0074	U		0.0021	J		<0.0068	U		<0.0068	U		0.0052	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-54-5-102816	10/28/2016	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		0.0027	J		<0.0054	U	
	10 ft	VMP-54-10-020613	2/6/2013	<0.0076	U		<0.0079	J	U	<0.0069	J	U	<0.0069	J	U	0.0042	J		<0.0036	U		0.0091			0.0041	J	
		VMP-54-10-050213	5/2/2013	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0096			<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-54-10-080613	8/6/2013	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		0.022			<0.0037	U		0.0012	J		<0.0064	U	
		VMP-54-10-103013	10/30/2013	<0.0072	U		0.0013	J		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		0.00047	J		<0.0059	U	
		VMP-54-10-021014	2/10/2014	<0.007	U		0.0018	J		<0.0064	U		<0.0064	U		0.0017	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-54-10-050814-R	5/8/2014	<0.0074	U		<0.0078	U		0.0012	J		<0.0068	U		0.046			<0.0035	U		<0.006	U		<0.006	U	
		VMP-54-10-073014	7/30/2014	<0.007	U		<0.0073	U		0.002	J		<0.0064	U		0.0016	J		<0.0033	U		0.0028	J		0.0013	J	
		VMP-54-10-102914	10/29/2014	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	J	U	<0.0035	U		0.0017	J		<0.006	U	
		VMP-54-10-020515	2/5/2015	<0.0078	U		<0.0081	U		<0.0071	J	U	<0.0071	U		0.0018	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-54-10-050415	5/4/2015	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0039	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-54-10-072415	7/24/2015	<0.0088	U		<0.0092	U		<0.0081	U		<0.0081	U		0.0014	J		<0.0042	U		<0.0071	U		<0.0071	U	
		VMP-54-10-102715	10/27/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-54-10-012816	1/28/2016	<0.0076	U		<0.008	U		0.006	J		<0.007	U		0.0042	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-54-10-042916	4/29/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.053			<0.0037	U		0.021			0.0059	J	
		VMP-54-10-080116	8/1/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0011	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-54-10-102816	10/28/2016	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0035	U		<0.006	U		<0.006	U	
	20 ft	VMP-54-20-020613	2/6/2013	<0.0074	U		0.0014	J		<0.0068	J	U	<0.0068	U		0.0011	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-54-20-020613-DUP	2/6/2013	<0.0074	U		0.0013	J		<0.0068	J	U	<0.0068	U		0.0043	J		<0.0035	U		<0.006	U		<0.006	U	
		VMP-54-20-050213	5/2/2013	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.00069	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-54-20-080613	8/6/2013	<0.0085	U		<0.0089	U		<0.0078	U		<0.0078	U		0.021			<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-54-20-103013	10/30/2013	<0.0075	U		0.0014	J		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-54-20-021014	2/10/2014	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.0017	J		<0.0034	U		0.00093	J		<0.0058	U	
		VMP-54-20-042514	4/25/2014	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0022	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-54-20-073014	7/30/2014	<0.0069	U		<0.0072	U		0.001	J		<0.0063	U		0.0024	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-54-20-102914	10/29/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0047	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-54-20-020515	2/5/2015	<0.0063	U		<0.0065	U		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-54-20-050415	5/4/2015	<0.0076	U		0.0016	J		<0.007	U		<0.007	U		<0.0066	U		<0.0036	U		0.001	J		<0.0062	U	
		VMP-54-20-072415	7/24/2015	<0.0082	U		<0.0085	U		<0.0075	U		<0.0075	U		<0.0071	U		<0.0039	U		<0.0066	U		<0.0066	U	
		VMP-54-20-102715	10/27/2015	<0.0063	U		<0.0065	J	U	<0.0057	U		<0.0057	U		0.0042	J		<0.003	U		0.0011	J		<0.005	U	
		VMP-54-20-102715-DUP	10/27/2015	<0.0063	U		<0.0065	J	U	<0.0057	U		<0.0057	U		0.0039	J		<0.003	U		<0.005	U		<0.005	U	
		VMP-54-20-012816	1/28/2016	<0.0081	U		<0.0084	U		<0.0074	U		<0.0074	U		0.0034	J		<0.0038	U		0.0033	J		<0.0065	U	
		VMP-54-20-050516	5/5/2016	<0.0069	U		<0.0072	U		0.0019	J		<0.0063	U		0.01			<0.0033	U		0.0039	J		0.0011	J	
		VMP-54-20-050516-DUP	5/5/2016	<0.0076	U		<0.0079	U		0.0022	J		<0.0069	U		0.012			<0.0036	U		0.0043	J		0.0017	J	
		VMP-54-20-080116	8/1/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0012	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-54-20-102816	10/28/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	J	U	<0.0034	U		<0.0059	U		<0.0059	U	
	30 ft	VMP-54-30-020613	2/6/2013	<0.008	U		0.0012	J		<0.0073	U		<0.0073	U		0.0023	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-54-30-020613-DUP	2/6/2013	<0.008	U		0.0013	J		<0.0073	U		<0.0073	U		0.0013	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-54-30-050213	5/2/2013	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0057	J		<0.0037	U		0.015			0.0068		
		VMP-54-30-050213-Dup	5/2/2013	0.0021	J		<0.0081	U		<0.0071	U		<0.0071	U		0.0081			<0.0037	U		0.016			0.0078		
		VMP-54-30-103013	10/30/2013	<0.008	U		0.0015	J		<0.0073	U		<0.0073	U		<0.007	U		<0.0038	U		0.00041	J		<0.0065	U	
		VMP-54-30-021014	2/10/2014	<0.0067	U		0.0016	J		0.0035	J		0.0012	J		0.2			<0.0032	U		0.0008	J		<0.0054	U	
		VMP-54-30-042514	4/25/2014	<0.0077	U		<0.0081	U		<0.0071	U		<0.0071	U		0.00054	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-54-30-073014	7/30/2014	<0.0077	U		<0.0081	U		0.0011	J		<0.007	U		0.0042	J		<0.0037	U		<0.0062	U		<0.0062	U	
		VMP-54-30-110614-R	11/6/2014	<0.0069	U		<0.0072	U		0.0018	J		<0.0063	U		<0.006	U		<0.0033	U		0.0032	J		0.0012	J	
		VMP-54-30-021215	2/12/2015	<0.0066	U		<0.0069	U		<0.006	U		<0.006	U		0.0026	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-54-30-050415	5/4/2015	<0.0078	U		0.0018	J		<0.0071	U		<0.0071	U		0.0013	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-54-30-080315	8/3/2015	<0.0083	U		0.0031	J		<0.0076	U		<0.0076	U		<0.0072	U		<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-54-30-102715	10/27/2015	<0.0064	U		<0.0067	J	U	<0.0058	U		<0.0058	U		<0.0056	U		<0.003	U		0.0027	J		0.00095	J	
		VMP-54-30-012816	1/28/2016	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-54-30-042916	4/29/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-54-30-042916-DUP	4/29/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-54-30-080116	8/1/2016	<0.0072	U		0.0014	J		<0.0066	J	U	<0.0066	U		0.0014	J		<0.0034	U		0.0059			0.0028	J	
		VMP-54-30-102816	10/28/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-110414	11/4/2014	<0.0077	U		<0.008	U		<0.007	U		<0.007	U		0.029			<0.0036	U		0.0011	J		<0.0062	U	
		VMP-55-5-110414-DUP	11/4/2014	<0.0061	U		<0.0064	U		<0.0056	U		<0.0056	U		0.024			<0.0029	U		0.0007	J		<0.0049	U	
		VMP-55-5-020515	2/5/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0063			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-55-5-050615	5/6/2015	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0022	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-55-5-110215	11/2/2015	<0.05	U		<0.053	U		0.23			0.041	J		1.1			<0.024	U		0.07			0.034	J	
		VMP-55-5-020416	2/4/2016	<0.071	U		<0.074	U		<0.065	U		<0.065	U		0.071			<0.034	ND,UJ	UJ	<0.057	U		<0.057	U	
		VMP-55-5-082616	8/26/2016	0.00079	J		<0.0086	U		<0.0075	U		<0.0075	U		0.011			<0.0039	U		0.003	J		0.0014	J	
	20 ft	VMP-55-20-021513	2/15/2013	5.5	J		<19	U		<17	U		<17	U		370			<8.8	U		<15	U		<15	U	
		VMP-55-20-050113	5/1/2013	<31	U		<32	U		<28	U		<28	U		700			<15	U		<25	U		<25	U	
		VMP-55-20-080713	8/7/2013	2	J		<4.4	U		<3.9	U		<3.9	U		830			<2	U		<3.4	U		<3.4	U	
		VMP-55-20-110813	11/8/2013	<1.2	U		<1.2	U		<1.1	U		<1.1	U		170			<0.56	U		0.89	J		0.33	J	
		VMP-55-20-021814	2/18/2014	<0.32	U		<0.33	U		0.24	J		0.12	J		450			<0.15	U		0.38			0.11	J	
		VMP-55-20-050514	5/5/2014	<3.4	U		<3.6	U		<3.1	U		<3.1	U		550			<1.6	U		<2.8	U		<2.8	U	
		VMP-55-20-050514-Dup	5/5/2014	<3.7	U		<3.9	U		<3.4	U		<3.4	U		560			<1.8	U		<3	U		<3	U	
		VMP-55-20-081314	8/13/2014	<1.4	U		<1.5	U		0.41	J		<1.3	U		760			<0.67	U	UJ	0.37	J		<1.1	U	
		VMP-55-20-110414	11/4/2014	<0.63	U		<0.66	U		<0.58	U		<0.58	U		360			<0.3	U		0.19	J		<0.51	U	
		VMP-55-20-020515	2/5/2015	0.3	J		<0.72	U		0.54	J		0.14	J		230			<0.33	U		0.17	J		0.13	J	
		VMP-55-20-050615	5/6/2015	<4.5	U		<4.7	U		<4.2	U		<4.2	U		490			<2.2	U		<3.7	U		<3.7	U	
		VMP-55-20-072915	7/29/2015	<0.073	U		<0.077	U		<0.067	U		<0.067	U		17			<0.035	U		<0.059	U		<0.059	U	
		VMP-55-20-072915-DUP	7/29/2015	<0.078	U		<0.081	U		<0.071	U		<0.071	U		17			<0.037	U		<0.063	U		<0.063	U	
		VMP-55-20-110215	11/2/2015	<2.1	U		<2.2	U		<2	U		<2	U		310			<1	U		<1.7	U		<1.7	U	
		VMP-55-20-020416	2/4/2016	<0.71	U		<0.74	U		<0.65	U		<0.65	U		230		J	<0.34	U		<0.58	U		<0.58	U	
		VMP-55-20-020416-DUP	2/4/2016	<0.64	U		<0.67	U		<0.59	U		<0.59	U		230			<0.3	U		<0.52	U		<0.52	U	
		VMP-55-20-050416	5/4/2016	<0.98	U		<1	U		<0.89	U		<0.89	U		280		J	<0.46	U		<0.79	U		<0.79	U	
		VMP-55-20-080316	8/3/2016	<0.5	U		<0.52	U		<0.46	U		<0.46	U		260		J	<0.24	U		<0.4	U		<0.4	U	
		VMP-55-20-110116	11/1/2016	<0.74	U		<0.78	U		<0.68	U		<0.68	U		140			<0.35	U		0.24	J		<0.6	U	
	30 ft	VMP-55-30-030915	3/9/2015	<1.8	U		<1.9	U		<1.7	U		<1.7	U		340			<0.88	U		<1.5	U		<1.5	U	
		VMP-55-30-050615	5/6/2015	<6.3	U		<6.6	U		<5.8	U		<5.8	U		590			<3	U		2.1	J		<5.1	U	
		VMP-55-30-050615-DUP	5/6/2015	<6.4	U		<6.6	U		<5.8	U		<5.8	U		600			<3	U		<5.1	U		<5.1	U	
		VMP-55-30-061515-Dup-R	6/15/2015	<0.085	U		<0.088	U		0.033	J		<0.077	U		44			<0.04	U		0.21			0.047	J	
		VMP-55-30-061515-R	6/15/2015	<0.068	U		<0.072	U		<0.063	U		<0.063	U		46			<0.032	U		0.2			0.043	J	
VMP-56	10 ft	VMP-56-10-050114	5/1/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-56-10-081214	8/12/2014	<0.0081	U		0.0015	J		0.021			0.0046	J		<0.007	U		<0.0038	U		0.031			0.0045	J	
		VMP-56-10-110514	11/5/2014	<0.0063	U		0.0019	J		0.0035	J		0.001	J		0.072			<0.003	U		0.0033	J		0.0016	J	
		VMP-56-10-021015	2/10/2015	<0.0069	U		<0.0072	U		<0.0063	J	U	<0.0063	U		<0.006	U		<0.0033	U		<0.0056	J	U	0.0025	J	
		VMP-56-10-110315	11/3/2015	<0.0068	U		0.0019	J		<0.0062	U		<0.0062	U		0.0011	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-56-10-020416	2/4/2016	<0.0069	U		<0.0072	U		0.0049	J		<0.0063	U		0.0035	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-56-10-050516	5/5/2016	<0.0076	U		<0.0079	U		0.0093			0.0016	J		0.0028	J		<0.0036	U		0.0041	J		0.002	J	
		VMP-56-10-072716	7/27/2016	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		0.00064	J		<0.0036	U		<0.006	U		<0.006	U	
		VMP-56-10-102416	10/24/2016	<0.0071	U		<0.0074	U		0.0025	J		0.001	J		0.0031	J		<0.0034	U		0.049			0.015		
	25 ft	VMP-56-25-050114	5/1/2014	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.0018	J		<0.0032	U		<0.0054	J	U	<0.0054	U	
		VMP-56-25-081214	8/12/2014	<0.0072	U		0.0019	J		0.0031	J		<0.0066	J	U	0.0039	J		<0.0034	U		0.0094			0.0033	J	
		VMP-56-25-110514	11/5/2014	<0.0071	U		0.0017	J		<0.0065	U		<0.0065	U		0.0018	J		<0.0034	U		0.0017	J		<0.0057	U	
		VMP-56-25-021015	2/10/2015	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-56-25-050715	5/7/2015	<0.0076	U		<0.008	U		<0.007	J	U	<0.007	U		0.006	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-56-25-073115	7/31/2015	<0.008	U		<0.0083	U		0.01			0.0026	J		0.0034	J		<0.0038	U		0.007			0.002	J	
		VMP-56-25-110315	11/3/2015	<0.0069	U		0.0022	J		<0.0063	U		<0.0063	U		0.013			<0.0033	U		0.0042	J		<0.0056	U	
		VMP-56-25-020416	2/4/2016	<0.0068	U		<0.0071	U		0.00078	J		<0.0062	U		0.044			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-56-25-050516	5/5/2016	<0.0078	U		<0.0082	U		0.0063	J		<0.0072	U		0.013			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-56-25-050516-DUP	5/5/2016	<0.0081	U		<0.0084	U		0.0062	J		<0.0074	U		0.013			<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-56-25-072716	7/27/2016	<0.0089	U		<0.0093	U		<0.0081	U		<0.0081	U		0.0015	J		<0.0042	U		<0.0072	U		<0.0072	U	
		VMP-56-25-102416	10/24/2016	<0.0069	U		0.0016	J		0.0023	J		0.00077	J		0.00072	J		<0.0033	U		0.082			0.021		
	38.5 ft	VMP-56-38.5-050114	5/1/2014	<1.6	U		<1.7	U		23		J	8.7		J	5300			<0.78	U		880		J	280		J
		VMP-56-38.5-081214	8/12/2014	<150	U		<160	U		110	J		52	J		5800			<71	U		1200		J	320		
		VMP-56-38.5-081214-Dup	8/12/2014	<150	U		<150	U		160			64	J		5800			<70	U		1600		J	500		
		VMP-56-38.5-110514	11/5/2014	<81	U		<84	U		96			37	J		4800			<38	U		1300			380		
		VMP-56-38.5-110514-DUP	11/5/2014	<96	U		<100	U		110			39	J		5100			<46	U		1400			390		
		VMP-56-38.5-021015	2/10/2015	<7.2	U		<7.5	U		14			6.6			5200			<3.4	U		1100			280		
		VMP-56-38.5-050715	5/7/2015	<82	U		<86	U		110			38	J		6600			<39	U		1000			270		
		VMP-56-38.5-061515-R	6/15/2015	<7.9	U		<8.3	U		39			20			5800			<3.8	U		690			170		
		VMP-56-38.5-073115	7/31/2015	<6.9	U		<7.2	U		350			110			3100			<3.3	U		1100			370		
		VMP-56-38.5-073115-DUP	7/31/2015	<26	U		<27	U		360			120			3100			<12	U		1000			350		
		VMP-56-38.5-110315	11/3/2015	<8.1	U		<8.5	U		160		J	59			6100			<3.9	U		1800		J	540		J
		VMP-56-38.5-110315-DUP	11/3/2015	<59	U		<62	U		31	J	J	18	J		5600			<28	U		910		J	250		J
		VMP-56-38.5-020416	2/4/2016	<45	U		<47	U		<42	U		3.6	J		4400			<22	U		480			110		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-122313	12/23/2013	<0.0065	U		<0.0068	U		0.0012	J		<0.0059	U		0.092			<0.0031	U		0.013			0.0076		
		VMP-62-5-021014	2/10/2014	<0.0062	U		<0.0065	U		0.0011	J		<0.0056	U		<0.0054	U		<0.0029	U		0.0016	J		<0.005	U	
		VMP-62-5-042514	4/25/2014	<0.0071	U		<0.0075	U		<0.0065	U		<0.0065	U		0.0064			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-62-5-073014	7/30/2014	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-62-5-111014-R	11/10/2014	0.0024	J		<0.0067	U		<0.0058	U		<0.0058	J	U	<0.0056	U		<0.003	U		<0.0052	U		<0.0052	U	
		VMP-62-5-020315	2/3/2015	<0.0065	U		0.00094	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-62-5-042815	4/28/2015	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0011	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-62-5-072415	7/24/2015	<0.0079	U		<0.0083	U		<0.0072	U		<0.0072	U		0.0049	J		<0.0038	U		0.0018	J		<0.0064	U	
		VMP-62-5-102015	10/20/2015	<0.0059	U		0.002	J		0.0012	J		<0.0054	U		0.0013	J		<0.0028	U		0.002	J		<0.0048	U	
		VMP-62-5-012816	1/28/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-62-5-042516	4/25/2016	<0.0065	U		0.0021	J		<0.0059	U		<0.0059	U		<0.0056	J	U	<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-62-5-072616	7/26/2016	<0.0081	U		0.0015	J		<0.0074	U		<0.0074	U		0.0017	J		<0.0038	U		<0.0065	U		<0.0065	U	
		VMP-62-5-102416	10/24/2016	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0028	J		<0.0033	U		0.0033	J		<0.0056	U	
	10 ft	VMP-62-10-122313	12/23/2013	<0.007	U		0.0013	J		<0.0064	U		<0.0064	U		0.0018	J		<0.0033	U		0.0054	J		0.0015	J	
		VMP-62-10-021014	2/10/2014	<0.0059	U		0.0012	J		0.0015	J		<0.0054	U		0.002	J		<0.0028	U		0.0019	J		<0.0048	U	
		VMP-62-10-042514	4/25/2014	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-62-10-073014	7/30/2014	<0.0074	U		<0.0077	U		0.0041	J		<0.0067	U		0.008			<0.0035	U		0.0075			0.0027	J	
		VMP-62-10-102814	10/28/2014	<0.0076	U		0.002	J		<0.007	U		<0.007	U		0.0027	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-62-10-020315	2/3/2015	<0.0069	U		0.001	J		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-62-10-042815	4/28/2015	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		<0.0064	U		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-62-10-072415	7/24/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0059	U		<0.0059	U	
		VMP-62-10-102015	10/20/2015	<0.0074	U		0.0018	J		<0.0068	U		<0.0068	U		0.014			<0.0035	U		0.0027	J		<0.006	U	
		VMP-62-10-012816	1/28/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.013			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-62-10-042516	4/25/2016	<0.0082	U		0.0014	J		<0.0075	U		<0.0075	U		<0.0072	J	U	<0.0039	U		<0.0067	U		<0.0067	U	
		VMP-62-10-072616	7/26/2016	0.0039	J		<0.0088	U		<0.0077	U		<0.0077	U		<0.0074	U		<0.004	U		<0.0068	U		<0.0068	U	
		VMP-62-10-102416	10/24/2016	<0.0058	U		0.0012	J		0.00084	J		0.00047	J		0.0046	J		<0.0028	U		0.017			0.0051		
	20 ft	VMP-62-20-122313	12/23/2013	<0.0068	U		0.001	J		0.00083	J		<0.0062	U		0.0087			<0.0032	U		0.00096	J		<0.0055	U	
		VMP-62-20-122313-Dup	12/23/2013	<0.0069	U		0.0014	J		0.0017	J		0.00077	J		0.014			<0.0033	U		0.0013	J		<0.0056	U	
		VMP-62-20-021014	2/10/2014	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-62-20-042514	4/25/2014	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		0.036			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-62-20-073014	7/30/2014	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		0.0029	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-62-20-102814	10/28/2014	<0.0066	U		0.0017	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-62-20-020315	2/3/2015	<0.008	U		0.00095	J		0.0026	J		0.0013	J		0.0025	J		<0.0038	U		0.0055	J		0.0024	J	
		VMP-62-20-042815	4/28/2015	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0035	J		<0.0036	U		0.0011	J		<0.0061	U	
		VMP-62-20-072415	7/24/2015	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.00069	J		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-62-20-102015	10/20/2015	<0.0067	U		0.0017	J		<0.0062	U		<0.0062	U		<0.0059	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-62-20-012816	1/28/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-62-20-042516	4/25/2016	<0.0068	U		0.0012	J		<0.0062	U		<0.0062	U		<0.0059	J	U	<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-62-20-072616	7/26/2016	0.0034	J		0.0016	J		<0.0064	U		<0.0064	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-62-20-102416	10/24/2016	<0.0063	U		0.0015	J		0.00097	J		<0.0057	U		0.00089	J		<0.003	U		0.018			0.0045	J	
	30 ft	VMP-62-30-122313	12/23/2013	<0.0066	U		0.0016	J		<0.006	U		<0.006	U		0.027			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-62-30-122313-Dup	12/23/2013	<0.0067	U		0.0014	J		<0.0061	U		<0.0061	U		0.032			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-62-30-021014	2/10/2014	<0.0068	U		0.0012	J		<0.0062	U		<0.0062	U		0.002	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-62-30-042514	4/25/2014	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.024			<0.0035	U		0.0045	J		<0.0059	U	
		VMP-62-30-073014	7/30/2014	0.005	J		<0.0074	U		<0.0065	J	U	<0.0065	U		0.035			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-62-30-073014-Dup	7/30/2014	<0.0066	U		<0.0068	U		<0.006	J	U	<0.006	U		0.035			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-62-30-102814	10/28/2014	<0.0067	U		0.002	J		<0.0061	U		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-62-30-020315	2/3/2015	<0.0071	U		0.001	J		<0.0065	U		<0.0065	U		0.017			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-62-30-042815	4/28/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0064	U		<0.0035	U		<0.006	U		<0.006	U	
		VMP-62-30-072415	7/24/2015	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-62-30-102015	10/20/2015	<0.0071	U		<0.0074	U		0.0045	J		0.0013	J		0.0011	J		<0.0034	U		0.0042	J		<0.0057	U	
		VMP-62-30-012816	1/28/2016	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		0.0056	J		<0.0037	U		0.0017	J		<0.0063	U	
		VMP-62-30-012816-DUP	1/28/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0056	J		<0.0032	U		0.0014	J		<0.0055	U	
		VMP-62-30-042516	4/25/2016	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		<0.0059	J	U	<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-62-30-072616	7/26/2016	0.021			0.0018	J		0.0042	J		<0.0072	U		0.015			<0.0037	U		0.01			0.0037	J	
		VMP-62-30-072616-DUP	7/26/2016	0.018			<0.0082	U		0.0057	J		<0.0072	U		0.014			<0.0037	U		0.0099			0.0031	J	
		VMP-62-30-102416	10/24/2016	<0.0067	U		0.0017	J		<0.0061	U		<0.0061	U		0.0011	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-62-30-102416-Dup	10/24/2016	<0.0064	U		0.0018	J		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-121113	12/11/2013	<0.01	U		<0.01	U		0.0079	J		0.003	J		0.23			<0.0048	U		0.0043	J		0.0034	J	
		VMP-63-5-022814	2/28/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.016			<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-63-5-042514	4/25/2014	<0.013	U		<0.014	U		<0.012	U		<0.012	U		0.0032	J		<0.0062	U		<0.011	U		<0.011	U	
		VMP-63-5-073014	7/30/2014	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0061	U		<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-63-5-102814	10/28/2014	<0.007	U		0.00093	J		<0.0064	J	U	<0.0064	U		0.0052	J		<0.0033	U		<0.0056	J	U	<0.0056	U	
		VMP-63-5-020315	2/3/2015	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.021			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-63-5-042815	4/28/2015	<0.0079	U		<0.0083	U		<0.0072	U		<0.0072	U		0.0025	J		<0.0038	U		0.0028	J		0.0015	J	
		VMP-63-5-072415	7/24/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-63-5-102615	10/26/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		0.003	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-63-5-012816	1/28/2016	<0.0071	U		0.0016	J		<0.0065	U		<0.0065	U		0.016			<0.0034	U		<0.0057	U		<0.0057	U	
		VMP-63-5-042616	4/26/2016	<0.0076	U		<0.0079	U		0.0026	J		<0.0069	U		0.16			<0.0036	U		0.051			0.016		
		VMP-63-5-072516	7/25/2016	<0.0078	U		<0.0082	U		<0.0072	U		<0.0072	U		0.01			<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-63-5-102416	10/24/2016	<0.0069	U		<0.0072	U		0.0019	J		<0.0063	J	U	<0.006	U		<0.0033	U		0.072			0.019		
	10 ft	VMP-63-10-121113	12/11/2013	<0.0069	U		0.0012	J		0.0021	J		0.0011	J		0.008			<0.0033	U		0.003	J		0.0018	J	
		VMP-63-10-020714	2/7/2014	<0.0066	U		0.0014	J		<0.006	U		<0.006	U		<0.0057	U		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-63-10-042514	4/25/2014	<0.0066	U		<0.0069	U		0.0017	J		<0.0061	U		0.022			<0.0032	U		0.003	J		<0.0054	U	
		VMP-63-10-073014	7/30/2014	<0.0065	U		<0.0068	U		0.021			0.0079			0.0062			<0.0031	U		0.018			0.0081		
		VMP-63-10-102814	10/28/2014	<0.007	U		0.002	J		<0.0064	U		<0.0064	U		0.0012	J		<0.0033	U		<0.0057	J	U	<0.0057	U	
		VMP-63-10-020315	2/3/2015	<0.0066	U		<0.0068	U		<0.006	J	U	<0.006	U		0.0025	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-63-10-042815	4/28/2015	<0.0074	U		<0.0078	U		<0.0068	U		<0.0068	U		0.0092			<0.0035	U		0.0033	J		0.0012	J	
		VMP-63-10-072415	7/24/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-63-10-102615	10/26/2015	<0.0075	U		<0.0078	U		<0.0068	U		<0.0068	U		<0.0065	U		<0.0036	U		<0.006	U		<0.006	U	
		VMP-63-10-012816	1/28/2016	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0036	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-63-10-042616	4/26/2016	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.0047	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-63-10-072516	7/25/2016	<0.0076	U		0.0013	J		<0.0069	U		<0.0069	U		0.0042	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-63-10-102416	10/24/2016	<0.0071	U		0.0014	J		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		0.0028	J		<0.0057	U	
	20 ft	VMP-63-20-121213	12/12/2013	<0.0065	U		0.00097	J		0.0075			0.0013	J		0.13			<0.0031	U		0.0013	J		0.00088	J	
		VMP-63-20-020714	2/7/2014	<0.0063	U		0.0015	J		0.0012	J		<0.0058	U		0.0014	J		<0.003	U		0.0017	J		<0.0051	U	
		VMP-63-20-042514	4/25/2014	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-63-20-073014	7/30/2014	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.0035	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-63-20-102814	10/28/2014	<0.007	U		0.0018	J		<0.0064	U		<0.0064	U		0.00099	J		<0.0033	U		0.0026	J		<0.0057	U	
		VMP-63-20-102814-DUP	10/28/2014	<0.0075	U		0.0019	J		<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		0.0016	J		<0.0061	U	
		VMP-63-20-020315	2/3/2015	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		0.029			<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-63-20-020315-DUP	2/3/2015	<0.0064	U		<0.0067	U		<0.0059	U		<0.0059	U		0.028			<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-63-20-042815	4/28/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		0.0028	J		<0.0056	U	
		VMP-63-20-072415	7/24/2015	<0.0069	U		<0.0072	U		0.0025	J		<0.0063	U		0.061			<0.0033	U		0.0043	J		0.0015	J	
		VMP-63-20-102615	10/26/2015	<0.0066	U		<0.0069	U		0.015		J	0.0032	J		0.0076			<0.0032	U		0.019			0.011		
		VMP-63-20-012816	1/28/2016	<0.0071	U		<0.0074	U		<0.0065	U		<0.0065	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-63-20-042616	4/26/2016	<0.0081	U		<0.0085	U		0.0026	J		0.001	J		0.0037	J		<0.0039	U		0.0028	J		0.0013	J	
		VMP-63-20-042616-DUP	4/26/2016	<0.0074	U		<0.0078	U		0.0052	J		0.0013	J		0.0025	J		<0.0035	U		0.0053	J		0.0015	J	
		VMP-63-20-072516	7/25/2016	<0.0076	U		0.0015	J		<0.0069	U		<0.0069	U		0.0037	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-63-20-102416	10/24/2016	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		0.0084			<0.0039	U		0.023			0.0063	J	
	30 ft	VMP-63-30-121113	12/11/2013	<0.0065	U		0.0011	J		0.0029	J		0.00085	J		0.23			<0.0031	U		0.0015	J		0.00089	J	
		VMP-63-30-020714	2/7/2014	<0.0062	U		0.00095	J		<0.0057	U		<0.0057	U		<0.0054	U		<0.003	U		<0.005	U		<0.005	U	
		VMP-63-30-042514	4/25/2014	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.0042	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-63-30-042514-DUP	4/25/2014	<0.007	U		<0.0073	U		<0.0064	U		<0.0064	U		0.0037	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-63-30-073014	7/30/2014	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		0.068			<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-63-30-102814	10/28/2014	<0.0075	U		0.0022	J		<0.0068	J	U	<0.0068	U		0.0048	J		<0.0036	U		0.0014	J		<0.006	U	
		VMP-63-30-020315	2/3/2015	<0.0068	U		<0.0071	U		0.0015	J		<0.0062	U		0.0014	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-63-30-042815	4/28/2015	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0065	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-63-30-072415	7/24/2015	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-63-30-102615	10/26/2015	<0.006	U		<0.0063	J	U	<0.0055	J	UJ	<0.0055	U		0.0019	J		<0.0029	U		0.0017	J		<0.0049	U	
		VMP-63-30-102615-DUP	10/26/2015	<0.0071	U		<0.0074	J	U	<0.0065	U		<0.0065	U		0.0024	J		<0.0034	U		0.0018	J		<0.0057	U	
		VMP-63-30-012816	1/28/2016	<0.007	U		0.0018	J		0.0014	J		<0.0064	U		0.0078			<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-63-30-042616	4/26/2016	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-63-30-072516	7/25/2016	<0.0082	U		<0.0086	U		<0.0075	U		<0.0075	U		0.011			<0.0039	U		0.0014	J		<0.0066	U	
		VMP-63-30-072516-DUP	7/25/2016	<0.0075	U		<0.0079	U		<0.0069	U		<0.0069	U		0.012			<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-63-30-102416	10/24/2016	<0.0067	U		0.0014	J		0.0016	J		<0.0062	J	U	<0.0059	U		<0.0032	U		0.063			0.015		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Trichloroethene			Trichlorofluoromethane			1,2,4-Trimethylbenzene			1,3,5-Trimethylbenzene			2,2,4-Trimethylpentane			Vinyl chloride			m,p-Xylenes			o-Xylenes		
				1.5			860												0.29			130			120		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-122313	12/23/2013	<0.0069	U		<0.0072	U		0.03			0.029			0.011			<0.0033	U		0.028			0.023		
		VMP-64-5-022814	2/28/2014	<0.0066	U		<0.0068	U		<0.006	U		<0.006	U		0.0021	J		<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-64-5-042514	4/25/2014	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-64-5-073114	7/31/2014	<0.0073	U		<0.0076	U		<0.0067	U		<0.0067	U		0.00056	J		<0.0035	U		<0.0059	U		<0.0059	U	
		VMP-64-5-102814	10/28/2014	<0.0068	U		0.002	J		<0.0062	J	U	<0.0062	U		0.0019	J		<0.0032	U		0.0016	J		<0.0055	U	
		VMP-64-5-020315	2/3/2015	<0.0069	U		<0.0072	U		<0.0063	U		<0.0063	U		<0.006	U		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-64-5-042815	4/28/2015	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		<0.0062	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-64-5-072415	7/24/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		<0.0066	U		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-64-5-102615	10/26/2015	<0.0064	U		<0.0067	U		<0.0058	J	U	<0.0058	U		0.00087	J		<0.003	U		0.0011	J		<0.0052	U	
		VMP-64-5-012816	1/28/2016	<0.0076	U		<0.008	U		<0.007	U		<0.007	U		0.0011	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-64-5-042616	4/26/2016	<0.0086	U		<0.009	U		<0.0078	U		<0.0078	U		<0.0074	U		<0.0041	U		<0.0069	U		<0.0069	U	
		VMP-64-5-080216	8/2/2016	<0.0073	U		<0.0077	U		0.0028	J		<0.0067	U		0.0033	J		<0.0035	U		0.0017	J		<0.0059	U	
		VMP-64-5-080216-DUP	8/2/2016	<0.008	U		0.0015	J		<0.0073	U		<0.0073	U		0.0015	J		<0.0038	U		0.002	J		<0.0065	U	
		VMP-64-5-102416	10/24/2016	<0.0065	U		<0.0068	U		<0.0059	U		<0.0059	U		0.0029	J		<0.0031	U		<0.0052	U		<0.0052	U	
	10 ft	VMP-64-10-122313	12/23/2013	<0.0067	U		0.0012	J		0.0014	J		0.00093	J		0.004	J		<0.0032	U		0.002	J		0.0014	J	
		VMP-64-10-021014	2/10/2014	<0.0065	U		0.0011	J		<0.0059	U		<0.0059	U		<0.0056	U		<0.0031	U		<0.0052	U		<0.0052	U	
		VMP-64-10-042514	4/25/2014	<0.0066	U		<0.0069	U		<0.0061	U		<0.0061	U		0.0064			<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-64-10-073114	7/31/2014	<0.0078	U		<0.0081	U		<0.0071	U		<0.0071	U		0.0006	J		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-64-10-102814	10/28/2014	<0.0081	U		0.0017	J		<0.0074	U		<0.0074	U		<0.0071	U		<0.0039	U		0.0018	J		<0.0066	U	
		VMP-64-10-020315	2/3/2015	<0.0078	U		<0.0081	U		0.002	J		<0.0071	U		<0.0068	U		<0.0037	U		<0.0063	U		<0.0063	U	
		VMP-64-10-042815	4/28/2015	<0.0079	U		<0.0082	U		<0.0072	U		<0.0072	U		<0.0069	U		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-64-10-072415	7/24/2015	<0.0067	U		<0.007	U		0.00078	J		<0.0061	U		<0.0058	U		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-64-10-102615	10/26/2015	<0.008	U		<0.0083	U		<0.0073	U		<0.0073	U		0.00068	J		<0.0038	U		<0.0064	U		<0.0064	U	
		VMP-64-10-012816	1/28/2016	<0.007	U		<0.0074	U		<0.0064	U		<0.0064	U		<0.0061	U		<0.0033	U		<0.0057	U		<0.0057	U	
		VMP-64-10-042616	4/26/2016	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		<0.0063	U		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-64-10-072216	7/22/2016	<0.0058	U		0.0017	J		<0.0053	U		<0.0053	U		0.00098	J		<0.0028	U		<0.0047	U		<0.0047	U	
		VMP-64-10-102416	10/24/2016	<0.0063	U		<0.0066	U		<0.0058	U		<0.0058	U		<0.0055	U		<0.003	U		<0.0051	U		<0.0051	U	
	20 ft	VMP-64-20-122313	12/23/2013	<0.007	U		<0.0073	U		0.0015	J		<0.0064	U		0.0061			<0.0033	U		0.0013	J		0.0011	J	
		VMP-64-20-122313-Dup	12/23/2013	<0.0068	U		0.0013	J		0.0019	J		0.0011	J		0.013			<0.0032	U		0.0014	J		0.0012	J	
		VMP-64-20-021014	2/10/2014	<0.0067	U		<0.007	U		<0.0061	U		<0.0061	U		0.0014	J		<0.0032	U		<0.0054	U		<0.0054	U	
		VMP-64-20-042514	4/25/2014	<0.0066	U		<0.0068	U		<0.006	U		<0.006	U		0.0084			<0.0031	U		<0.0053	U		<0.0053	U	
		VMP-64-20-073114	7/31/2014	<0.0068	U		<0.0071	U		<0.0062	U		<0.0062	U		0.0015	J		<0.0032	U		<0.0055	U		<0.0055	U	
		VMP-64-20-102814	10/28/2014	<0.007	U		0.002	J		<0.0064	J	U	<0.0064	U		0.0025	J		<0.0033	U		0.0029	J		0.0012	J	
		VMP-64-20-020315	2/3/2015	<0.0072	U		<0.0076	U		<0.0066	U		<0.0066	U		0.0044	J		<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-64-20-042815	4/28/2015	<0.0079	U		<0.0083	U		0.0076			0.0021	J		<0.0069	U		<0.0038	U		0.0029	J		0.0017	J	
		VMP-64-20-072415	7/24/2015	<0.0074	U		<0.0078	J	U	<0.0068	U		<0.0068	U		0.0018	J		<0.0035	U		0.0016	J		<0.006	U	
		VMP-64-20-102615	10/26/2015	<0.0076	U		<0.0079	U		<0.0069	U		<0.0069	U		0.00087	J		<0.0036	U		<0.0061	U		<0.0061	U	
		VMP-64-20-012816	1/28/2016	<0.0072	U		<0.0075	U		<0.0066	U		<0.0066	U		0.014			<0.0034	U		<0.0058	U		<0.0058	U	
		VMP-64-20-042616	4/26/2016	<0.0074	U		<0.0078	U		0.011			0.0022	J		0.07			<0.0035	U		0.019			0.0063		
		VMP-64-20-042616-DUP	4/26/2016	<0.0072	U		<0.0076	U		0.01			0.002	J		0.078			<0.0034	U		0.019			0.0065		
		VMP-64-20-072216	7/22/2016	<0.0069	U		0.0023	J		<0.0063	U		<0.0063	U		0.0023	J		<0.0033	U		<0.0056	U		<0.0056	U	
		VMP-64-20-072216-DUP	7/22/2016	<0.0076	U		0.0013	J		<0.007	U		<0.007	U		0.0051	J		<0.0036	U		<0.0062	U		<0.0062	U	
		VMP-64-20-102416	10/24/2016	0.002	J		0.0013	J		<0.0056	U		<0.0056	U		0.0029	J		<0.0029	U		0.0017	J		<0.005	U	
		VMP-64-20-102416-Dup	10/24/2016	<0.0069	U		0.0012	J		<0.0063	U		<0.0063	U		0.0024	J		<0.0033	U		<0.0056	U		<0.0056	U	

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5	11/2/2009																							
		VMP-1-5-082510	8/25/2010																							
		VMP-1-5-111710	11/17/2010																							
		VMP-1-5-020411	2/4/2011																							
		VMP-1-5-041211	4/12/2011																							
		VMP-1-5-080111	8/1/2011																							
		VMP-1-5-110311	11/3/2011																							
		VMP-1-5-013012	1/30/2012																							
		VMP-1-5-041312	4/13/2012																							
		VMP-1-5-071612	7/16/2012																							
		VMP-1-5-101112	10/11/2012																							
		VMP-1-5-012113	1/21/2013										660													
		VMP-1-5-012313-R	1/23/2013							150000			85000													
		VMP-1-5-050813	5/8/2013																							
		VMP-1-5-072913	7/29/2013																							
		VMP-1-5-072913-Dup	7/29/2013																							
		VMP-1-5-110413	11/4/2013																							
		VMP-1-5-020714	2/7/2014																							
		VMP-1-5-043014	4/30/2014																							
		VMP-1-5-080714	8/7/2014																							
		VMP-1-5-103114	10/31/2014																							
		VMP-1-5-020915	2/9/2015																							
		VMP-1-5-050515	5/5/2015																							
		VMP-1-5-073015	7/30/2015																							
		VMP-1-5-110315	11/3/2015																							
		VMP-1-5-020316	2/3/2016																							
		VMP-1-5-050316	5/3/2016																							
		VMP-1-5-072516	7/25/2016																							
		VMP-1-5-102816	10/28/2016																							
	8.5 ft	VMP-1-8.5	11/2/2009																							
		VMP-1-8.5-082510	8/25/2010																							
		VMP-1-8.5-111710	11/17/2010																							
		VMP-1-8.5-111710-Dup	11/17/2010																							
		VMP-1-8.5-020411	2/4/2011																							
		VMP-1-8.5-041211	4/12/2011																							
		VMP-1-8.5-080111	8/1/2011																							
		VMP-1-8.5-080111-Dup	8/1/2011																							
		VMP-1-8.5-110311	11/3/2011																							
		VMP-1-8.5-013012	1/30/2012																							
		VMP-1-8.5-041612	4/16/2012																							
		VMP-1-8.5-041612-Dup	4/16/2012																							
		VMP-1-8.5-071612	7/16/2012																							
		VMP-1-8.5-101112	10/11/2012																							
		VMP-1-8.5-012113	1/21/2013				3300																			
		VMP-1-8.5-012313-R	1/23/2013										3200													
		VMP-1-8.5-050813	5/8/2013																							
		VMP-1-8.5-072913	7/29/2013																							
		VMP-1-8.5-110413	11/4/2013																							
		VMP-1-8.5-020714	2/7/2014																							
		VMP-1-8.5-043014	4/30/2014																							
		VMP-1-8.5-080714	8/7/2014																							
		VMP-1-8.5-103114	10/31/2014																							
		VMP-1-8-020915	2/9/2015																							
		VMP-1-8.5-050515	5/5/2015																							
		VMP-1-8.5-073015	7/30/2015																							
		VMP-1-8.5-110315	11/3/2015																							
		VMP-1-8.5-020316	2/3/2016																							
		VMP-1-8.5-050316	5/3/2016																							
		VMP-1-8.5-072516	7/25/2016																							
		VMP-1-8.5-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-1	23.5 ft	VMP-1-23.5	11/2/2009																							
		VMP - 1 - 23.5 - 083010	8/30/2010																							
		VMP-1-23.5-111810	11/17/2010																							
		VMP-1-23.5-020411	2/4/2011																							
		VMP-1-23.5-041211	4/12/2011																							
		VMP-1-23.5-041211-DUP	4/12/2011																							
		VMP-1-23.5-080111	8/1/2011																							
		VMP-1-23.5-110611	11/6/2011																							
		VMP-1-23.5-013112	1/31/2012																							
		VMP-1-23.5-041612	4/16/2012																							
		VMP-1-23.5-071612	7/16/2012																							
		VMP-1-23.5-102412	10/24/2012																							
		VMP-1-23.5-012113	1/21/2013																							
		VMP-1-23.5-012313-R	1/23/2013										450000													
		VMP-1-23.5-050813	5/8/2013																							
		VMP-1-23.5-050813-Dup	5/8/2013																							
		VMP-1-23.5-072913	7/29/2013																							
		VMP-1-23.5-110413	11/4/2013																							
		VMP-1-23.5-020714	2/7/2014																							
		VMP-1-23.5-043014	4/30/2014																							
		VMP-1-23.5-080714	8/7/2014																							
		VMP-1-23.5-103114	10/31/2014																							
		VMP-1-23.5-020915	2/9/2015																							
		VMP-1-23.5-050515	5/5/2015																							
		VMP-1-23.5-073015	7/30/2015																							
		VMP-1-23.5-110315	11/3/2015																							
		VMP-1-23.5-020316	2/3/2016																							
		VMP-1-23.5-050316	5/3/2016																							
		VMP-1-23.5-050316-DUP	5/3/2016																							
		VMP-1-23.5-072516	7/25/2016																							
		VMP-1-23.5-072516-DUP	7/25/2016																							
		VMP1-23.5-102816	10/28/2016																							
	38.5 ft	VMP-1-38.5	11/2/2009																							
		VMP-1-38.5-073112	7/31/2012																							
		VMP-1-38.5-102612	10/26/2012																							
		VMP-1-38.5-012113	1/21/2013																							
		VMP-1-38.5-012313-R	1/23/2013							460000																
		VMP-1-38.5-050913	5/9/2013																							
		VMP-1-38.5-020714	2/7/2014																							
		VMP-1-38.5-020714-Dup	2/7/2014																							
		VMP-1-38.5-043014	4/30/2014																							
		VMP-1-38.5-080714	8/7/2014																							
		VMP-1-38.5-103114	10/31/2014																							
		VMP-1-38.5-020915	2/9/2015																							
		VMP-1-38.5-020915-DUP	2/9/2015																							
		VMP-1-38.5-050515	5/5/2015																							
		VMP-1-38.5-061515-R	6/15/2015																							
		VMP-1-38.5-073015	7/30/2015																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-2	5 ft	VMP-2-5	11/2/2009																							
		VMP - 2 - 5 - 083110	8/31/2010																							
		VMP-2-5-111610	11/16/2010																							
		VMP-2-5-020411	2/4/2011																							
		VMP-2-5-041311	4/13/2011																							
		VMP-2-5-080211	8/2/2011																							
		VMP-2-5-110711	11/7/2011																							
		VMP-2-5-012512	1/25/2012																							
		VMP-2-5-042512	4/25/2012																							
		VMP-2-5-071612	7/16/2012																							
		VMP-2-5-102412	10/24/2012																							
		VMP-2-5-013113	1/31/2013																							
		VMP-2-5-050613	5/6/2013																							
		VMP-2-5-022614	2/26/2014																							
		VMP-2-5-050114	5/1/2014																							
		VMP-2-5-111014	11/10/2014																							
		VMP-2-5-021015	2/10/2015																							
		VMP-2-5-050615	5/6/2015																							
		VMP-2-5-110415	11/4/2015																							
		VMP-2-5-020116	2/1/2016																							
		VMP-2-5-042716	4/27/2016																							
		VMP-2-5-072616	7/26/2016																							
		VMP-2-5-102616	10/26/2016																							
	8.5 ft	VMP-2-8.5	11/3/2009																							
		VMP-2-8.5-D	11/3/2009																							
		VMP - 2 - 8.5 - 083110	8/31/2010																							
		VMP-2-8.5-111610	11/16/2010																							
		VMP-2-8.5-020411	2/4/2011																							
		VMP-2-8.5-041311	4/13/2011																							
		VMP-2-8.5-080211	8/2/2011																							
		VMP-2-8.5-110711	11/7/2011																							
		VMP-2-8.5-012612	1/26/2012																							
		VMP-2-8.5-012612-DUP	1/26/2012																							
		VMP-2-8.5-041612	4/16/2012																							
		VMP-2-8.5-041612-Dup	4/16/2012																							
		VMP-2-8.5-071612	7/16/2012																							
		VMP-2-8.5-071612-Dup	7/16/2012																							
		VMP-2-8.5-102312	10/23/2012																							
		VMP-2-8.5-020513	2/5/2013																							
		VMP-2-8.5-050613	5/6/2013																							
		VMP-2-8.5-050613-Dup	5/6/2013																							
		VMP-2-8.5-022614	2/26/2014																							
		VMP-2-8.5-050114	5/1/2014																							
		VMP-2-8.5-081514	8/15/2014																							
		VMP-2-8.5-081514-DUP	8/15/2014																							
		VMP-2-8.5-111014	11/10/2014																							
		VMP-2-8.5-021015	2/10/2015																							
		VMP-2-8.5-050615	5/6/2015																							
		VMP-2-8.5-110415	11/4/2015																							
		VMP-2-8.5-021616	2/16/2016																							
		VMP-2-8.5-042716	4/27/2016																							
		VMP-2-8.5-072616	7/26/2016																							
		VMP-2-8.5-102616	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-2	22 ft	VMP-2-22	11/3/2009																							
		VMP - 2 - 22 - 083110	8/31/2010																							
		VMP-2-22-111610	11/16/2010																							
		VMP-2-22-020411	2/4/2011																							
		VMP-2-22-041311	4/13/2011																							
		VMP-2-22-080211	8/2/2011																							
		VMP-2-22-110711	11/7/2011																							
		VMP-2-22-012612	1/26/2012																							
		VMP-2-22-042712	4/27/2012																							
		VMP-2-22-071612	7/16/2012																							
		VMP-2-22-102312	10/23/2012																							
		VMP-2-22-013113	1/31/2013																							
		VMP-2-22-050613	5/6/2013																							
		VMP-2-22-081213	8/12/2013																							
		VMP-2-22-111513	11/15/2013																							
		VMP-2-22-022614	2/26/2014																							
		VMP-2-22-050114	5/1/2014																							
		VMP-2-22-081414	8/14/2014																							
		VMP-2-22-111014	11/10/2014																							
		VMP-2-22-021015	2/10/2015																							
		VMP-2-22-021015-DUP	2/10/2015																							
		VMP-2-22-050615	5/6/2015																							
		VMP-2-22-073015	7/30/2015																							
		VMP-2-22-110415	11/4/2015																							
		VMP-2-22-020116	2/1/2016																							
		VMP-2-22-020116-DUP	2/1/2016																							
		VMP-2-22-042716	4/27/2016																							
		VMP-2-22-072616	7/26/2016																							
		VMP-2-22-102616	10/26/2016																							
	42 ft	VMP-2-42	11/3/2009																							
		VMP-2-42-013113	1/31/2013																							
		VMP-2-42-050613	5/6/2013																							
		VMP-2-42-022614	2/26/2014																							
		VMP-2-42-050114	5/1/2014																							
		VMP-2-42-081414	8/14/2014																							
		VMP-2-42-021015	2/10/2015																							
		VMP-2-42-050615	5/6/2015																							
		VMP-2-42-061515-R	6/15/2015																							
		VMP-2-42-073015	7/30/2015																							
VMP-3	5 ft	VMP-3-5	11/3/2009																							
		VMP-3-5-090910	9/9/2010																							
		VMP-3-5-112210	11/22/2010																							
		VMP-3-5-020911	2/9/2011																							
		VMP-3-5-041411	4/14/2011																							
		VMP-3-5-080211	8/2/2011																							
		VMP-3-5-110811	11/8/2011																							
		VMP-3-5-110811-DUP	11/8/2011																							
		VMP-3-5-012712	1/27/2012																							
		VMP-3-5-041912	4/19/2012																							
		VMP-3-5-072712	7/27/2012																							
		VMP-3-5-060413	6/4/2013																							
		VMP-3-5-072913	7/29/2013																							
		VMP-3-5-110613	11/6/2013																							
		VMP-3-5-021314	2/13/2014																							
		VMP-3-5-050214	5/2/2014																							
		VMP-3-5-081214	8/12/2014																							
		VMP-3-5-103114	10/31/2014																							
		VMP-3-5-020915	2/9/2015																							
		VMP-3-5-050415	5/4/2015																							
		VMP-3-5-072915	7/29/2015																							
		VMP-3-5-110515	11/5/2015																							
		VMP-3-5-021616	2/16/2016																							
		VMP-3-5-042716	4/27/2016																							
		VMP-3-5-080116	8/1/2016																							
		VMP-3-5-102616	10/26/2016																							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10	6/21/2010																							
		VMP 3-10-091010	9/10/2010																							
		VMP-3-10-092010	9/20/2010																							
		VMP-3-10-112210	11/22/2010																							
		VMP-3-10-112210-Dup	11/22/2010																							
		VMP-3-10-020811	2/8/2011																							
		VMP-3-10-041311	4/13/2011																							
		VMP-3-10-080311	8/3/2011																							
		VMP-3-10-110811	11/8/2011																							
		VMP-3-10-012712	1/27/2012																							
		VMP-3-10-042012	4/20/2012																							
		VMP-3-10-072312	7/23/2012																							
		VMP-3-10-101812	10/18/2012																							
		VMP-3-10-020613	2/6/2013																							
		VMP-3-10-060413	6/4/2013																							
		VMP-3-10-072913	7/29/2013																							
		VMP-3-10-110613	11/6/2013																							
		VMP-3-10-022814	2/28/2014																							
		VMP-3-10-022814-Dup	2/28/2014																							
		VMP-3-10-050214	5/2/2014																							
		VMP-3-10-081214	8/12/2014																							
		VMP-3-10-103114	10/31/2014																							
		VMP-3-10-020915	2/9/2015																							
		VMP-3-10-050415	5/4/2015																							
		VMP-3-10-072915	7/29/2015																							
		VMP-3-10-110315	11/3/2015																							
		VMP-3-10-021616	2/16/2016																							
		VMP-3-10-042716	4/27/2016																							
		VMP-3-10-080216	8/2/2016																							
		VMP-3-10-102616	10/26/2016																							
	22 ft	VMP-3-22	11/4/2009																							
		VMP-3-22-092010	9/20/2010																							
		VMP-3-22-112210	11/22/2010																							
		VMP-3-22-020811	2/8/2011																							
		VMP-3-22-041511	4/15/2011																							
		VMP-3-22-080611	8/6/2011																							
		VMP-3-22-110811	11/8/2011																							
		VMP-3-22-013012	1/30/2012																							
		VMP-3-22-042012	4/20/2012																							
		VMP-3-22-072312	7/23/2012																							
		VMP-3-22-101812	10/18/2012																							
		VMP-3-22-020613	2/6/2013																							
		VMP-3-22-060413	6/4/2013																							
		VMP-3-22-060413-Dup	6/4/2013																							
		VMP-3-22-072913	7/29/2013																							
		VMP-3-22-110613	11/6/2013																							
		VMP-3-22-110613-Dup	11/6/2013																							
		VMP-3-22-021314	2/13/2014																							
		VMP-3-22-050214	5/2/2014																							
		VMP-3-22-081214	8/12/2014																							
		VMP-3-22-103114	10/31/2014																							
		VMP-3-22-020915	2/9/2015																							
		VMP-3-22-050815	5/8/2015																							
		VMP-3-22-072915	7/29/2015																							
		VMP-3-22-110315	11/3/2015																							
		VMP-3-22-021616	2/16/2016																							
		VMP-3-22-042716	4/27/2016																							
		VMP-3-22-080116	8/1/2016																							
		VMP-3-22-102616	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-3	31.5 ft	VMP-3-31.5	11/4/2009																							
		VMP-3-31.5-090910	9/9/2010																							
		VMP-3-31.5-112210	11/22/2010																							
		VMP-3-31.5-020911	2/9/2011																							
		VMP-3-31.5-041411	4/14/2011																							
		VMP-3-31.5-041411-DUP	4/14/2011																							
		VMP-3-31.5-080211	8/2/2011																							
		VMP-3-31.5-080211-Dup	8/2/2011																							
		VMP-3-31.5-110811	11/8/2011																							
		VMP-3-31.5-012712	1/27/2012																							
		VMP-3-31.5-041912	4/19/2012																							
		VMP-3-31.5-041912-Dup	4/19/2012																							
		VMP-3-31.5-072312	7/23/2012																							
		VMP-3-31.5-101912	10/19/2012																							
		VMP-3-31.5-020713	2/7/2013																							
		VMP-3-31.5-060413	6/4/2013																							
		VMP-3-31.5-072913	7/29/2013																							
		VMP-3-31.5-110613	11/6/2013																							
		VMP-3-31.5-022114	2/21/2014																							
		VMP-3-31.5-050214	5/2/2014																							
		VMP-3-31.5-081214	8/12/2014																							
		VMP-3-31.5-103114	10/31/2014																							
		VMP-3-31.5-020915	2/9/2015																							
		VMP-3-31.5-110315	11/3/2015																							
		VMP-3-31.5-020116	2/1/2016																							
		VMP-3-31.5-080116	8/1/2016																							
		VMP-3-31.5-102616	10/26/2016																							
	39 ft	VMP-3-39	11/4/2009																							
		VMP-3-39-101912	10/19/2012																							
		VMP-3-39-021213	2/12/2013																							
		VMP-3-39-060413	6/4/2013																							
		VMP-3-39-072913	7/29/2013																							
		VMP-3-39-110613	11/6/2013																							
		VMP-3-39-022114	2/21/2014																							
		VMP-3-39-050214	5/2/2014																							
		VMP-3-39-050214-Dup	5/2/2014																							
		VMP-3-39-081214	8/12/2014																							
		VMP-3-39-103114	10/31/2014																							
		VMP-3-39-020915	2/9/2015																							
		VMP-3-39-110315	11/3/2015																							
		VMP-3-39-020116	2/1/2016																							
		VMP-3-39-020116-DUP	2/1/2016																							
VMP-4	5 ft	VMP-4-5	11/5/2009																							
		VMP-4-5-082510	8/25/2010																							
		VMP-4-5-112210	11/22/2010																							
		VMP-4-5-021411	2/14/2011																							
		VMP-4-5-041911	4/19/2011																							
		VMP-4-5-080311	8/3/2011																							
		VMP-4-5-110911	11/9/2011																							
		VMP-4-5-013012	1/30/2012																							
		VMP-4-5-042512	4/25/2012																							
		VMP-4-5-072512	7/25/2012																							
		VMP-4-5-101812	10/18/2012																							
		VMP-4-5-020713	2/7/2013																							
		VMP-4-5-050913	5/9/2013																							
		VMP-4-5-080113	8/1/2013																							
		VMP-4-5-120313-R	12/3/2013																							
		VMP-4-5-022714	2/27/2014																							
		VMP-4-5-050214	5/2/2014																							
		VMP-4-5-081514	8/15/2014																							
		VMP-4-5-021015	2/10/2015																							
		VMP-4-5-110215	11/2/2015																							
		VMP-4-5-020316	2/3/2016																							
		VMP-4-5-050516	5/5/2016																							
		VMP-4-5-080216	8/2/2016																							
		VMP-4-5-102816	10/28/2016																							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-4	12 ft	VMP-4-12	11/5/2009																							
		VMP-4-12-082510	8/25/2010																							
		VMP-4-12-112310	11/23/2010																							
		VMP-4-12-021411	2/14/2011																							
		VMP-4-12-041911	4/19/2011																							
		VMP-4-12-080311	8/3/2011																							
		VMP-4-12-080311-Dup	8/3/2011																							
		VMP-4-12-110911	11/9/2011																							
		VMP-4-12-013012	1/30/2012																							
		VMP-4-12-041812	4/18/2012																							
		VMP-4-12-072312	7/23/2012																							
		VMP-4-12-101812	10/18/2012																							
		VMP-4-12-101812-Dup	10/18/2012																							
		VMP-4-12-020713	2/7/2013																							
		VMP-4-12-020713-DUP	2/7/2013																							
		VMP-4-12-050913	5/9/2013																							
		VMP-4-12-080113	8/1/2013																							
		VMP-4-12-120313-R	12/3/2013																							
		VMP-4-12-022714	2/27/2014																							
		VMP-4-12-050214	5/2/2014																							
		VMP-4-12-081414	8/14/2014																							
		VMP-4-12-021015	2/10/2015																							
		VMP-4-12-051115	5/11/2015																							
		VMP-4-12-080315	8/3/2015																							
		VMP-4-12-110215	11/2/2015																							
		VMP-4-12-020316	2/3/2016																							
		VMP-4-12-050316	5/3/2016																							
		VMP-4-12-080216	8/2/2016																							
		VMP-4-12-102816	10/28/2016																							
	23.5 ft	VMP-4-23.5	11/5/2009																							
		VMP - 4 - 23.5 - 083110	8/31/2010																							
		VMP-4-23.5-112310	11/23/2010																							
		VMP-4-23.5-021411	2/14/2011																							
		VMP-4-23.5-042011	4/20/2011																							
		VMP-4-23.5-042011-DUP	4/20/2011																							
		VMP-4-23.5-080611	8/6/2011																							
		VMP-4-23.5-110911	11/9/2011																							
		VMP-4-23.5-013012	1/30/2012																							
		VMP-4-23.5-013012-DUP	1/30/2012																							
		VMP-4-23.5-041912	4/19/2012																							
		VMP-4-23.5-072312	7/23/2012																							
		VMP-4-23.5-101812	10/18/2012																							
		VMP-4-23.5-020713	2/7/2013																							
		VMP-4-23.5-051513	5/15/2013																							
		VMP-4-23.5-080113	8/1/2013																							
		VMP-4-23.5-080113-Dup	8/1/2013																							
		VMP-4-23.5-110713	11/7/2013																							
		VMP-4-23.5-022714	2/27/2014																							
		VMP-4-23.5-050214	5/2/2014																							
		VMP-4-23.5-081314	8/13/2014																							
		VMP-4-23.5-090414-R	9/4/2014																							
		VMP-4-23.5-110714	11/7/2014																							
		VMP-4-23.5-021015	2/10/2015																							
		VMP-4-23.5-050815	5/8/2015																							
		VMP-4-23.5-061515-R	6/15/2015																							
		VMP-4-23.5-073015	7/30/2015																							
		VMP-4-23.5-110215	11/2/2015																							
		VMP-4-23.5-020316	2/3/2016																							
		VMP-4-23.5-020316-DUP	2/3/2016																							
		VMP-4-23.5-050316	5/3/2016																							
		VMP-4-23.5-080216	8/2/2016																							
		VMP-4-23.5-080216-DUP	8/2/2016																							
		VMP-4-23.5-092316-DUP-R	9/23/2016																							
		VMP-4-23.5-092316-R	9/23/2016																							
		VMP-4-23.5-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-4	39 ft	VMP-4-39	11/5/2009																							
		VMP-4-39-042111	4/21/2011																							
		VMP-4-39-041912	4/19/2012																							
		VMP-4-39-072312	7/23/2012																							
		VMP-4-39-101812	10/18/2012																							
		VMP-4-39-101812-Dup	10/18/2012																							
		VMP-4-39-020713	2/7/2013																							
		VMP-4-39-051513	5/15/2013																							
		VMP-4-39-110713	11/7/2013																							
		VMP-4-39-022714	2/27/2014																							
		VMP-4-39-050214	5/2/2014																							
		VMP-4-39-081314	8/13/2014																							
VMP-5	5 ft	VMP-5-5	11/5/2009																							
		VMP-5-5-090910	9/9/2010																							
		VMP-5-5-112210	11/22/2010																							
		VMP-5-5-021611	2/16/2011																							
		VMP-5-5-042111	4/21/2011																							
		VMP-5-5-080511	8/5/2011																							
		VMP-5-5-111111	11/11/2011																							
		VMP-5-5-013012	1/30/2012																							
		VMP-5-5-041112	4/11/2012																							
		VMP-5-5-071312	7/13/2012																							
		VMP-5-5-101212	10/12/2012																							
		VMP-5-5-012513	1/25/2013																							
		VMP-5-5-042913	4/29/2013																							
		VMP-5-5-082313-R	8/23/2013																							
		VMP-5-5-110513	11/5/2013																							
		VMP-5-5-021814	2/18/2014																							
		VMP-5-5-042814	4/28/2014																							
		VMP-5-5-080814	8/8/2014																							
		VMP-5-5-110514	11/5/2014																							
		VMP-5-5-013015	1/30/2015																							
		VMP-5-5-042915	4/29/2015																							
		VMP-5-5-072915	7/29/2015																							
		VMP-5-5-102915	10/29/2015																							
		VMP-5-5-012516	1/25/2016																							
		VMP-5-5-042816	4/28/2016																							
		VMP-5-5-072816	7/28/2016																							
		VMP-5-5-102516	10/25/2016																							
	12.5 ft	VMP-5-12.5	11/6/2009																							
		VMP-5-12.5-D	11/6/2009																							
		VMP-5-12.5-090910	9/9/2010																							
		VMP-5-12.5-112310	11/23/2010																							
		VMP-5-12.5-021611	2/16/2011																							
		VMP-5-12.5-042111	4/21/2011																							
		VMP-5-12.5-080611	8/6/2011																							
		VMP-5-12.5-111111	11/11/2011																							
		VMP-5-12.5-013012	1/30/2012																							
		VMP-5-12.5-041112	4/11/2012																							
		VMP-5-12.5-071212	7/12/2012																							
		VMP-5-12.5-101112	10/11/2012																							
		VMP-5-12.5-012413	1/24/2013																							
		VMP-5-12.5-042913	4/29/2013																							
		VMP-5-12.5-080113	8/1/2013																							
		VMP-5-12.5-110513	11/5/2013																							
		VMP-5-12.5-021814	2/18/2014																							
		VMP-5-12.5-042814	4/28/2014																							
		VMP-5-12.5-080814	8/8/2014																							
		VMP-5-12.5-110514	11/5/2014																							
		VMP-5-12.5-110514-DUP	11/5/2014																							
		VMP-5-12.5-013015	1/30/2015																							
		VMP-5-12.5-042915	4/29/2015																							
		VMP-5-12.5-072915	7/29/2015																							
		VMP-5-12.5-102915	10/29/2015																							
		VMP-5-12.5-012516	1/25/2016																							
		VMP-5-12.5-042816	4/28/2016																							
		VMP-5-12.5-072816	7/28/2016																							
		VMP-5-12.5-102516	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31	11/6/2009																							
		VMP-5-31-090910	9/9/2010																							
		VMP-5-31-112310	11/23/2010																							
		VMP-5-31-021611	2/16/2011																							
		VMP-5-31-042111	4/21/2011																							
		VMP-5-31-080611	8/6/2011																							
		VMP-5-31-111111	11/11/2011																							
		VMP-5-31-013012	1/30/2012																							
		VMP-5-31-041112	4/11/2012																							
		VMP-5-31-071212	7/12/2012																							
		VMP-5-31-101112	10/11/2012																							
		VMP-5-31-012413	1/24/2013																							
		VMP-5-31-042913	4/29/2013																							
		VMP-5-31-080113	8/1/2013																							
		VMP-5-31-110513	11/5/2013																							
		VMP-5-31-110513-Dup	11/5/2013																							
		VMP-5-31-021814	2/18/2014																							
		VMP-5-31-042814	4/28/2014																							
		VMP-5-31-080814	8/8/2014																							
		VMP-5-31-110514	11/5/2014																							
		VMP-5-31-013015	1/30/2015																							
		VMP-5-31-042915	4/29/2015																							
		VMP-5-31-072915	7/29/2015																							
		VMP-5-31-102915	10/29/2015																							
		VMP-5-31-030916-R	3/9/2016																							
		VMP-5-31-042816	4/28/2016																							
		VMP-5-31-072816	7/28/2016																							
		VMP-5-31-102516	10/26/2016																							
	40 ft	VMP-5-40	11/6/2009																							
		VMP-5-40-042111	4/21/2011																							
		VMP-5-40-013012	1/30/2012																							
		VMP-5-40-041212	4/12/2012																							
		VMP-5-40-071212	7/12/2012																							
		VMP-5-40-101112	10/11/2012																							
		VMP-5-40-012513	1/25/2013																							
		VMP-5-40-012513-Dup	1/25/2013																							
		VMP-5-40-042913	4/29/2013																							
		VMP-5-40-080113	8/1/2013																							
		VMP-5-40-110513	11/5/2013																							
		VMP-5-40-021814	2/18/2014																							
		VMP-5-40-021814-Dup	2/18/2014																							
		VMP-5-40-042814	4/28/2014																							
		VMP-5-40-042814-Dup	4/28/2014																							
		VMP-5-40-080814	8/8/2014																							
		VMP-5-40-080814-DUP	8/8/2014																							
		VMP-5-40-110514	11/5/2014																							
		VMP-5-40-013015	1/30/2015																							
		VMP-5-40-042915	4/29/2015																							
		VMP-5-40-072915	7/29/2015																							
		VMP-5-40-102915	10/29/2015																							
		VMP-5-40-012516	1/25/2016																							
		VMP-5-40-012516-DUP	1/25/2016																							
		VMP-5-40-042816	4/28/2016																							
		VMP-5-40-072816	7/28/2016																							
		VMP-5-40-102516	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-6	5 ft	VMP-6-5	11/6/2009																							
		VMP-6-5-090810	9/8/2010																							
		VMP-6-5-111610	11/16/2010																							
		VMP-6-5-020711	2/7/2011																							
		VMP-6-5-040811	4/8/2011																							
		VMP-6-5-080411	8/4/2011																							
		VMP-6-5-110911	11/9/2011																							
		VMP-6-5-013112	1/31/2012																							
		VMP-6-5-041212	4/12/2012																							
		VMP-6-5-071612	7/16/2012																							
		VMP-6-5-101012	10/10/2012																							
		VMP-6-5-021213	2/12/2013																							
		VMP-6-5-022714	2/27/2014																							
		VMP-6-5-042914	4/29/2014																							
		VMP-6-5-080814	8/8/2014																							
		VMP-6-5-110514	11/5/2014																							
		VMP-6-5-020915	2/9/2015																							
		VMP-6-5-042915	4/29/2015																							
		VMP-6-5-072715	7/27/2015																							
		VMP-6-5-102915	10/29/2015																							
		VMP-6-5-020116	2/1/2016																							
		VMP-6-5-042516	4/25/2016																							
		VMP-6-5-072816	7/28/2016																							
		VMP-6-5-102816	10/28/2016																							
	10 ft	VMP-6-10	11/6/2009																							
		VMP-6-10-090810	9/8/2010																							
		VMP-6-10-111710	11/17/2010																							
		VMP-6-10-020711	2/7/2011																							
		VMP-6-10-040811	4/8/2011																							
		VMP-6-10-080411	8/4/2011																							
		VMP-6-10-111011	11/10/2011																							
		VMP-6-10-013112	1/31/2012																							
		VMP-6-10-041212	4/12/2012																							
		VMP-6-10-071612	7/16/2012																							
		VMP-6-10-101112	10/11/2012																							
		VMP-6-10-020513	2/5/2013																							
		VMP-6-10-051513	5/15/2013																							
		VMP-6-10-080813	8/8/2013																							
		VMP-6-10-110513	11/5/2013																							
		VMP-6-10-022714	2/27/2014																							
		VMP-6-10-042914	4/29/2014																							
		VMP-6-10-080814	8/8/2014																							
		VMP-6-10-110514	11/5/2014																							
		VMP-6-10-020915	2/9/2015																							
		VMP-6-10-042915	4/29/2015																							
		VMP-6-10-072715	7/27/2015																							
		VMP-6-10-102915	10/29/2015																							
		VMP-6-10-020116	2/1/2016																							
		VMP-6-10-042516	4/25/2016																							
		VMP-6-10-072816	7/28/2016																							
		VMP-6-10-102816	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-6	31.5 ft	VMP-6-31.5	11/9/2009																							
		VMP-6-31.5-090810	9/8/2010																							
		VMP-6-31.5-111710	11/17/2010																							
		VMP-6-31.5-020711	2/7/2011																							
		VMP-6-31.5-041111	4/11/2011																							
		VMP-6-31.5-080411	8/4/2011																							
		VMP-6-31.5-111011	11/10/2011																							
		VMP-6-31.5-013112	1/31/2012																							
		VMP-6-31.5-041212	4/12/2012																							
		VMP-6-31.5-071612	7/16/2012																							
		VMP-6-31.5-101112	10/11/2012																							
		VMP-6-31.5-020513	2/5/2013																							
		VMP-6-31.5-042913	4/29/2013																							
		VMP-6-31.5-080813	8/8/2013																							
		VMP-6-31.5-110513	11/5/2013																							
		VMP-6-31.5-022714	2/27/2014																							
		VMP-6-31.5-042914	4/29/2014																							
		VMP-6-31.5-080814	8/8/2014																							
		VMP-6-31.5-110514	11/5/2014																							
		VMP-6-31.5-020915	2/9/2015																							
		VMP-6-31.5-042915	4/29/2015																							
		VMP-6-31.5-042915-DUP	4/29/2015																							
		VMP-6-31.5-072715	7/27/2015																							
		VMP-6-31.5-112515	11/25/2015																							
		VMP-6-31.5-020116	2/1/2016																							
		VMP-6-31.5-042516	4/25/2016																							
		VMP-6-31.5-072816	7/28/2016																							
		VMP-6-31.5-102816	10/28/2016																							
	39 ft	VMP-6-39	11/9/2009																							
		VMP-6-39-041111	4/11/2011																							
		VMP-6-39-013112	1/31/2012																							
		VMP-6-39-041212	4/12/2012																							
		VMP-6-39-071612	7/16/2012																							
		VMP-6-39-071612-Dup	7/16/2012																							
		VMP-6-39-101112	10/11/2012																							
		VMP-6-39-020513	2/5/2013																							
		VMP-6-39-050913	5/9/2013																							
		VMP-6-39-050913-Dup	5/9/2013																							
		VMP-6-39-080813-Dup	8/8/2013																							
		VMP-6-39-081513	8/15/2013																							
		VMP-6-39-110513	11/5/2013																							
		VMP-6-39-022714	2/27/2014																							
		VMP-6-39-042914	4/29/2014																							
		VMP-6-39-080814	8/8/2014																							
		VMP-6-39-110514	11/5/2014																							
		VMP-6-39-020915	2/9/2015																							
		VMP-6-39-020915-DUP	2/9/2015																							
		VMP-6-39-042915	4/29/2015																							
		VMP-6-39-072715	7/27/2015																							
		VMP-6-39-072715-DUP	7/27/2015																							
		VMP-6-39-102915	10/29/2015																							
		VMP-6-39-102915-DUP	10/29/2015																							
		VMP-6-39-020116	2/1/2016																							
		VMP-6-39-020116-DUP	2/1/2016																							
		VMP-6-39-042516	4/25/2016																							
		VMP-6-39-072816	7/28/2016																							
		VMP-6-39-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5	11/9/2009																							
		VMP-7-5-082610	8/26/2010																							
		VMP-7-5-111910	11/19/2010																							
		VMP-7-5-020711	2/7/2011																							
		VMP-7-5-040711	4/7/2011																							
		VMP-7-5-080211	8/2/2011																							
		VMP-7-5-111011	11/10/2011																							
		VMP-7-5-111011-DUP	11/10/2011																							
		VMP-7-5-013112	1/31/2012																							
		VMP-7-5-041212	4/12/2012																							
		VMP-7-5-073112	7/31/2012																							
		VMP-7-5-101012	10/10/2012																							
		VMP-7-5-060613	6/6/2013																							
		VMP-7-5-073013	7/30/2013																							
		VMP-7-5-102213	10/22/2013																							
		VMP-7-5-022414	2/24/2014																							
		VMP-7-5-043014	4/30/2014																							
		VMP-7-5-080514	8/5/2014																							
		VMP-7-5-102714	10/27/2014																							
		VMP-7-5-020215	2/2/2015																							
		VMP-7-5-043015	4/30/2015																							
		VMP-7-5-072715	7/27/2015																							
		VMP-7-5-102815	10/28/2015																							
		VMP-7-5-012716	1/27/2016																							
		VMP-7-5-042916	4/29/2016																							
		VMP-7-5-072616	7/26/2016																							
		VMP-7-5-102516	10/25/2016																							
	13.5 ft	VMP-7-13.5	11/9/2009																							
		VMP-7-13.5-082610	8/26/2010																							
		VMP-7-13.5-111910	11/19/2010																							
		VMP-7-13.5-020711	2/7/2011																							
		VMP-7-13.5-040711	4/7/2011																							
		VMP-7-13.5-080311	8/3/2011																							
		VMP-7-13.5-111011	11/10/2011																							
		VMP-7-13.5-013112	1/31/2012																							
		VMP-7-13.5-013112-DUP	1/31/2012																							
		VMP-7-13.5-041212	4/12/2012																							
		VMP-7-13.5-041212-DUP	4/12/2012																							
		VMP-7-13.5-072012	7/20/2012																							
		VMP-7-13.5-101012	10/10/2012																							
		VMP-7-13.5-021313	2/13/2013																							
		VMP-7-13.5-060513	6/5/2013																							
		VMP-7-13.5-073013	7/30/2013																							
		VMP-7-13.5-110113	11/1/2013																							
		VMP-7-13.5-022414	2/24/2014																							
		VMP-7-13.5-043014	4/30/2014																							
		VMP-7-13.5-080514	8/5/2014																							
		VMP-7-13.5-102714	10/27/2014																							
		VMP-7-13.5-020215	2/2/2015																							
		VMP-7-13.5-043015	4/30/2015																							
		VMP-7-13.5-072715	7/27/2015																							
		VMP-7-13.5-102815	10/28/2015																							
		VMP-7-13.5-012716	1/27/2016																							
		VMP-7-13.5-042916	4/29/2016																							
		VMP-7-13.5-072616	7/26/2016																							
		VMP-7-13.5-102516	10/25/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5	11/9/2009																							
		VMP - 7 - 29.5 - 083110	8/31/2010																							
		VMP-7-29.5-111910	11/19/2010																							
		VMP-7-29.5-020711	2/7/2011																							
		VMP-7-29.5-040711	4/7/2011																							
		VMP-7-29.5-080311	8/3/2011																							
		VMP-7-29.5-111111	11/11/2011																							
		VMP-7-29.5-020112	2/1/2012																							
		VMP-7-29.5-041312	4/13/2012																							
		VMP-7-29.5-072012	7/20/2012																							
		VMP-7-29.5-072012-Dup	7/20/2012																							
		VMP-7-29.5-101012	10/10/2012																							
		VMP-7-29.5-060613	6/6/2013																							
		VMP-7-29.5-073013	7/30/2013																							
		VMP-7-29.5-102213	10/22/2013																							
		VMP-7-29.5-022414	2/24/2014																							
		VMP-7-29.5-043014	4/30/2014																							
		VMP-7-29.5-080514	8/5/2014																							
		VMP-7-29.5-102714	10/27/2014																							
		VMP-7-29.5-020215	2/2/2015																							
		VMP-7-29.5-043015	4/30/2015																							
		VMP-7-29.5-072715	7/27/2015																							
		VMP-7-29.5-102815	10/28/2015																							
		VMP-7-29.5-012716	1/27/2016																							
		VMP-7-29.5-042916	4/29/2016																							
		VMP-7-29.5-072616	7/26/2016																							
		VMP-7-29.5-102516	10/25/2016																							
	38 ft	VMP-7-38	11/9/2009																							
		VMP-7-38-020711	2/7/2011																							
		VMP-7-38-040711	4/7/2011																							
		VMP-7-38-020112	2/1/2012																							
		VMP-7-38-042512	4/25/2012																							
		VMP-7-38-042512-Dup	4/25/2012																							
		VMP-7-38-101112	10/11/2012																							
		VMP-7-38-060613	6/6/2013																							
		VMP-7-38-073013	7/30/2013																							
		VMP-7-38-110113	11/1/2013																							
		VMP-7-38-022414	2/24/2014																							
		VMP-7-38-043014	4/30/2014																							
		VMP-7-38-043014-DUP	4/30/2014																							
		VMP-7-38-080514	8/5/2014																							
		VMP-7-38-080514-DUP	8/5/2014																							
		VMP-7-38-102714	10/27/2014																							
		VMP-7-38-020215	2/2/2015																							
		VMP-7-38-043015	4/30/2015																							
		VMP-7-38-072715	7/27/2015																							
		VMP-7-38-102815	10/28/2015																							
		VMP-7-38-102815-DUP	10/28/2015																							
		VMP-7-38-012716	1/27/2016																							
		VMP-7-38-012716-DUP	1/27/2016																							
		VMP-7-38-042916	4/29/2016																							
		VMP-7-38-042916-DUP	4/29/2016																							
		VMP-7-38-072616	7/26/2016																							
		VMP-7-38-072616-DUP	7/26/2016																							
		VMP-7-38-102516	10/25/2016																							
		VMP-7-38-102516-Dup	10/25/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5	11/10/2009																							
		VMP - 8 - 5 - 083010	8/30/2010																							
		VMP-8-5-111810	11/17/2010																							
		VMP-8-5-021011	2/10/2011																							
		VMP-8-5-040711	4/7/2011																							
		VMP-8-5-072711	7/27/2011																							
		VMP-8-5-110311	11/3/2011																							
		VMP-8-5-012312	1/23/2012																							
		VMP-8-5-041012	4/10/2012																							
		VMP-8-5-071312	7/13/2012																							
		VMP-8-5-073112	7/31/2012																							
		VMP-8-5-100412	10/4/2012																							
		VMP-8-5-100412-Dup	10/4/2012																							
		VMP-8-5-012413	1/24/2013																							
		VMP-8-5-042513	4/25/2013																							
		VMP-8-5-073013	7/30/2013																							
		VMP-8-5-102213	10/22/2013																							
		VMP-8-5-021014	2/10/2014																							
		VMP-8-5-042514	4/25/2014																							
		VMP-8-5-073014	7/30/2014																							
		VMP-8-5-103114	10/31/2014																							
		VMP-8-5-020915	2/9/2015																							
		VMP-8-5-042715	4/27/2015																							
		VMP-8-5-072815	7/28/2015																							
		VMP-8-5-102715	10/27/2015																							
		VMP-8-5-012716	1/27/2016																							
		VMP-8-5-042916	4/29/2016																							
		VMP-8-5-072916	7/29/2016																							
		VMP-8-5-102516	10/25/2016																							
	9.5 ft	VMP-8-9.5	11/10/2009																							
		VMP - 8 - 9.5 - 083010	8/30/2010																							
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010																							
		VMP-8-9.5-111810	11/17/2010																							
		VMP-8-9.5-021011	2/10/2011																							
		VMP-8-9.5-040711	4/7/2011																							
		VMP-8-9.5-072711	7/27/2011																							
		VMP-8-9.5-110311	11/3/2011																							
		VMP-8-9.5-012312	1/23/2012																							
		VMP-8-9.5-041012	4/10/2012																							
		VMP-8-9.5-071312	7/13/2012																							
		VMP-8-9.5-071312-Dup	7/13/2012																							
		VMP-8-9.5-100412	10/4/2012																							
		VMP-8-9.5-012413	1/24/2013																							
		VMP-8-9.5-012413-Dup	1/24/2013																							
		VMP-8-9.5-042513	4/25/2013																							
		VMP-8-9.5-073013	7/30/2013																							
		VMP-8-9.5-102213	10/22/2013																							
		VMP-8-9.5-021014	2/10/2014																							
		VMP-8-9.5-021014-Dup	2/10/2014																							
		VMP-8-9.5-042514	4/25/2014																							
		VMP-8-9.5-073014	7/30/2014																							
		VMP-8-9.5-103114	10/31/2014																							
		VMP-8-9.5-020915	2/9/2015																							
		VMP-8-9.5-042715	4/27/2015																							
		VMP-8-9.5-072815	7/28/2015																							
		VMP-8-9.5-102715	10/27/2015																							
		VMP-8-9.5-012716	1/27/2016																							
		VMP-8-9.5-042916	4/29/2016																							
		VMP-8-9.5-072916	7/29/2016																							
		VMP-8-9.5-102516	10/25/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-8	23.5 ft	VMP-8-23.5	11/10/2009																							
		VMP - 8 - 23.5 - 083010	8/30/2010																							
		VMP-8-23.5-111910	11/19/2010																							
		VMP-8-23.5-021011	2/10/2011																							
		VMP-8-23.5-040711	4/7/2011																							
		VMP-8-23.5-040711-DUP	4/7/2011																							
		VMP-8-23.5-081011	8/10/2011																							
		VMP-8-23.5-110611	11/6/2011																							
		VMP-8-23.5-012312	1/23/2012																							
		VMP-8-23.5-041012	4/10/2012																							
		VMP-8-23.5-071312	7/13/2012																							
		VMP-8-23.5-100412	10/4/2012																							
		VMP-8-23.5-012413	1/24/2013																							
		VMP-8-23.5-050113	5/1/2013																							
		VMP-8-23.5-073013	7/30/2013																							
		VMP-8-23.5-073013-Dup	7/30/2013																							
		VMP-8-23.5-102213	10/22/2013																							
		VMP-8-23.5-021014	2/10/2014																							
		VMP-8-23.5-042514	4/25/2014																							
		VMP-8-23.5-073014	7/30/2014																							
		VMP-8-23.5-103114	10/31/2014																							
		VMP-8-23.5-020915	2/9/2015																							
		VMP-8-23.5-050515-R	5/5/2015																							
		VMP-8-23.5-072815	7/28/2015																							
		VMP-8-23.5-102715	10/27/2015																							
		VMP-8-23.5-012716	1/27/2016																							
		VMP-8-23.5-042916	4/29/2016																							
		VMP-8-23.5-072916	7/29/2016																							
		VMP-8-23.5-072916-DUP	7/29/2016																							
		VMP-8-23.5-102516	10/25/2016																							
	35.5 ft	VMP-8-35.5-042514	4/25/2014																							
		VMP-8-35.5-073014	7/30/2014																							
		VMP-8-35.5-103114	10/31/2014																							
		VMP-8-35.5-103114-DUP	10/31/2014																							
		VMP-8-35.5-020915	2/9/2015																							
		VMP-8-35.5-042715	4/27/2015																							
		VMP-8-35.5-072815	7/28/2015																							
		VMP-8-35.5-072815-DUP	7/28/2015																							
		VMP-8-35.5-012816	1/28/2016																							
		VMP-8-35.5-012816-DUP	1/28/2016																							
		VMP-8-35.5-042916	4/29/2016																							
		VMP-8-35.5-080316	8/3/2016																							
		VMP-8-35.5-102516	10/25/2016																							
		VMP-8-35.5-102516-Dup	10/25/2016																							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5	11/11/2009																							
		VMP-9-5-082610	8/26/2010																							
		VMP-9-5-111910	11/19/2010																							
		VMP-9-5-020811	2/8/2011																							
		VMP-9-5-040611	4/6/2011																							
		VMP-9-5-080211	8/2/2011																							
		VMP-9-5-110411	11/4/2011																							
		VMP-9-5-012612	1/26/2012																							
		VMP-9-5-041112	4/11/2012																							
		VMP-9-5-071312	7/13/2012																							
		VMP-9-5-101012	10/10/2012																							
		VMP-9-5-012513	1/25/2013																							
		VMP-9-5-021513	2/15/2013																							
		VMP-9-5-050113	5/1/2013																							
		VMP-9-5-073013	7/30/2013																							
		VMP-9-5-102213	10/22/2013																							
		VMP-9-5-122013-R	12/20/2013																							
		VMP-9-5-021114	2/11/2014																							
		VMP-9-5-043014	4/30/2014																							
		VMP-9-5-081114	8/11/2014																							
		VMP-9-5-110614	11/6/2014																							
		VMP-9-5-021115	2/11/2015																							
		VMP-9-5-050415	5/4/2015																							
		VMP-9-5-072815	7/28/2015																							
		VMP-9-5-102815	10/28/2015																							
		VMP-9-5-012816	1/28/2016																							
		VMP-9-5-042816	4/28/2016																							
		VMP-9-5-080116	8/1/2016																							
		VMP-9-5-102516	10/25/2016																							
		VMP-9-5-120916	12/9/2016																							
	11.5 ft	VMP-9-11.5	11/11/2009																							
		VMP-9-11.5-082610	8/26/2010																							
		VMP-9-11.5-111910	11/19/2010																							
		VMP-9-11.5-020911	2/9/2011																							
		VMP-9-11.5-020911-DUP	2/9/2011																							
		VMP-9-11.5-040611	4/6/2011																							
		VMP-9-11.5-080211	8/2/2011																							
		VMP-9-11.5-110411	11/4/2011																							
		VMP-9-11.5-012612	1/26/2012																							
		VMP-9-11.5-041112	4/11/2012																							
		VMP-9-11.5-071312	7/13/2012																							
		VMP-9-11.5-101012	10/10/2012																							
		VMP-9-11.5-012513	1/25/2013																							
		VMP-9-11.5-012513-DUP	1/25/2013																							
		VMP-9-11.5-050113	5/1/2013																							
		VMP-9-11.5-073013	7/30/2013																							
		VMP-9-11.5-102213	10/22/2013																							
		VMP-9-11.5-122013-R	12/20/2013																							
		VMP-9-11.5-021114	2/11/2014																							
		VMP-9-11.5-043014	4/30/2014																							
		VMP-9-11.5-081114	8/11/2014																							
		VMP-9-11.5-110614	11/6/2014																							
		VMP-9-11.5-021115	2/11/2015																							
		VMP-9-11.5-050415	5/4/2015																							
		VMP-9-11.5-072815	7/28/2015																							
		VMP-9-11.5-102815	10/28/2015																							
		VMP-9-11.5-012816	1/28/2016																							
		VMP-9-11.5-042816	4/28/2016																							
		VMP-9-11.5-080116	8/1/2016																							
		VMP-9-11.5-080116-DUP	8/1/2016																							
		VMP-9-11.5-102516	10/25/2016																							
		VMP-9-11.5-120916	12/9/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-9	25.5 ft	VMP-9-25.5	11/10/2009																							
		VMP-9-25.5-D	11/10/2009																							
		VMP-9-25.5-082610	8/26/2010																							
		VMP-9-25.5-082610-DUP	8/26/2010																							
		VMP-9-25.5-111910	11/19/2010																							
		VMP-9-25.5-020911	2/9/2011																							
		VMP-9-25.5-040811	4/8/2011																							
		VMP-9-25.5-080211	8/2/2011																							
		VMP-9-25.5-110711	11/7/2011																							
		VMP-9-25.5-110711-DUP	11/7/2011																							
		VMP-9-25.5-012612	1/26/2012																							
		VMP-9-25.5-041112	4/11/2012																							
		VMP-9-25.5-071312	7/13/2012																							
		VMP-9-25.5-071312-Dup	7/13/2012																							
		VMP-9-25.5-101012	10/10/2012																							
		VMP-9-25.5-013013	1/30/2013																							
		VMP-9-25.5-050113	5/1/2013																							
		VMP-9-25.5-050113-Dup	5/1/2013																							
		VMP-9-25.5-073013	7/30/2013																							
		VMP-9-25.5-102213	10/22/2013																							
		VMP-9-25.5-102213-Dup	10/22/2013																							
		VMP-9-25.5-021114	2/11/2014																							
		VMP-9-25.5-043014	4/30/2014																							
		VMP-9-25.5-081114	8/11/2014																							
		VMP-9-25.5-021115	2/11/2015																							
		VMP-9-25.5-050415	5/4/2015																							
		VMP-9-25.5-052915-R	5/29/2015																							
		VMP-9-25.5-072815	7/28/2015																							
		VMP-9-25.5-102815	10/28/2015																							
		VMP-9-25.5-012816	1/28/2016																							
		VMP-9-25.5-042816	4/28/2016																							
		VMP-9-25.5-080116	8/1/2016																							
		VMP-9-25.5-102516	10/25/2016																							
		VMP-9-25.5-120916	12/9/2016																							
	38.5 ft	VMP-9-38.5	11/10/2009																							
		VMP-9-38.5-020911	2/9/2011																							
		VMP-9-38.5-040811	4/8/2011																							
		VMP-9-38.5-012612	1/26/2012																							
		VMP-9-38.5-041112	4/11/2012																							
		VMP-9-38.5-071312	7/13/2012																							
		VMP-9-38.5-101012	10/10/2012																							
		VMP-9-38.5-013013	1/30/2013																							
		VMP-9-38.5-050113	5/1/2013																							
		VMP-9-38.5-073113	7/31/2013																							
		VMP-9-38.5-102213	10/22/2013																							
		VMP-9-38.5-021114	2/11/2014																							
		VMP-9-38.5-081114	8/11/2014																							
		VMP-9-38.5-050415	5/4/2015																							
		VMP-9-38.5-050415-DUP	5/4/2015																							
		VMP-9-38.5-052915-R	5/29/2015																							
		VMP-9-38.5-072815	7/28/2015																							
		VMP-9-38.5-102815	10/28/2015																							
		VMP-9-38.5-012816	1/28/2016																							
		VMP-9-38.5-042816	4/28/2016																							
		VMP-9-38.5-072916	7/29/2016																							
		VMP-9-38.5-102516	10/25/2016																							
		VMP-9-38.5-120916	12/9/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5	11/11/2009																							
		VMP-10-5-090710	9/7/2010																							
		VMP-10-5-111810	11/17/2010																							
		VMP-10-5-021011	2/10/2011																							
		VMP-10-5-040511	4/5/2011																							
		VMP-10-5-07/2911	7/29/2011																							
		VMP-10-5-110411	11/4/2011																							
		VMP-10-5-012512	1/26/2012																							
		VMP-10-5-041212	4/12/2012																							
		VMP-10-5-071312	7/13/2012																							
		VMP-10-5-101612	10/16/2012																							
		VMP-10-5-012913	1/29/2013																							
		VMP-10-5-012913-DUP	1/29/2013																							
		VMP-10-5-043013	4/30/2013																							
		VMP-10-5-073013	7/30/2013																							
		VMP-10-5-111313	11/13/2013																							
		VMP-10-5-021214	2/12/2014																							
		VMP-10-5-022614-R	2/26/2014																							
		VMP-10-5-042914	4/29/2014																							
		VMP-10-5-073114	7/31/2014																							
		VMP-10-5-103014	10/30/2014																							
		VMP-10-5-020515	2/5/2015																							
		VMP-10-5-043015	4/30/2015																							
		VMP-10-5-072815	7/28/2015																							
		VMP-10-5-103015	10/30/2015																							
		VMP-10-5-012916	1/29/2016																							
		VMP-10-5-050216	5/2/2016																							
		VMP-10-5-082616	8/26/2016																							
		VMP-10-5-110216	11/2/2016																							
	10 ft	VMP-10-10	11/11/2009																							
		VMP-10-10-090710	9/7/2010																							
		VMP-10-10-111810	11/17/2010																							
		VMP-10-10-021111	2/11/2011																							
		VMP-10-10-040611	4/6/2011																							
		VMP-10-10-072911	7/29/2011																							
		VMP-10-10-110411	11/4/2011																							
		VMP-10-10-110411-DUP	11/4/2011																							
		VMP-10-10-012512	1/26/2012																							
		VMP-10-10-012512-DUP	1/26/2012																							
		VMP-10-10-041112	4/11/2012																							
		VMP-10-10-071312	7/13/2012																							
		VMP-10-10-101612	10/16/2012																							
		VMP-10-10-012913	1/29/2013																							
		VMP-10-10-043013	4/30/2013																							
		VMP-10-10-073013	7/30/2013																							
		VMP-10-10-111313	11/13/2013																							
		VMP-10-10-021214	2/12/2014																							
		VMP-10-10-042914	4/29/2014																							
		VMP-10-10-073114	7/31/2014																							
		VMP-10-10-103014	10/30/2014																							
		VMP-10-10-020515	2/5/2015																							
		VMP-10-10-043015	4/30/2015																							
		VMP-10-10-072815	7/28/2015																							
		VMP-10-10-103015	10/30/2015																							
		VMP-10-10-021616	2/16/2016																							
		VMP-10-10-050216	5/2/2016																							
		VMP-10-10-072816	7/28/2016																							
		VMP-10-10-110216	11/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-10	20 ft	VMP-10-20	11/11/2009																							
		VMP-10-20-D	11/11/2009																							
		VMP-10-20-090710	9/7/2010																							
		VMP-10-20-090710-DUP	9/7/2010																							
		VMP-10-20-111810	11/17/2010																							
		VMP-10-20-111810-Dup	11/17/2010																							
		VMP-10-20-021111	2/11/2011																							
		VMP-10-20-040611	4/6/2011																							
		VMP-10-20-072911	7/29/2011																							
		VMP-10-20-110411	11/4/2011																							
		VMP-10-20-012612	1/26/2012																							
		VMP-10-20-041212	4/12/2012																							
		VMP-10-20-071612	7/16/2012																							
		VMP-10-20-101612	10/16/2012																							
		VMP-10-20-012913	1/29/2013																							
		VMP-10-20-043013	4/30/2013																							
		VMP-10-20-073013	7/30/2013																							
		VMP-10-20-102313	10/23/2013																							
		VMP-10-20-021214	2/12/2014																							
		VMP-10-20-042914	4/29/2014																							
		VMP-10-20-073114	7/31/2014																							
		VMP-10-20-103014	10/30/2014																							
		VMP-10-20-020515	2/5/2015																							
		VMP-10-20-043015	4/30/2015																							
		VMP-10-20-072815	7/28/2015																							
		VMP-10-20-072815-DUP	7/28/2015																							
		VMP-10-20-103015	10/30/2015																							
		VMP-10-20-012916	1/29/2016																							
		VMP-10-20-050216	5/2/2016																							
		VMP-10-20-072816	7/28/2016																							
		VMP-10-20-110216	11/2/2016																							
	30 ft	VMP-10-30	11/13/2009																							
		VMP-10-30-041212	4/12/2012																							
		VMP-10-30-071612	7/16/2012																							
		VMP-10-30-101612	10/16/2012																							
		VMP-10-30-012913	1/29/2013																							
		VMP-10-30-043013	4/30/2013																							
		VMP-10-30-073013	7/30/2013																							
		VMP-10-30-102813	10/28/2013																							
		VMP-10-30-021214	2/12/2014																							
		VMP-10-30-042914	4/29/2014																							
		VMP-10-30-073114	7/31/2014																							
		VMP-10-30-073114-Dup	7/31/2014																							
		VMP-10-30-103014	10/30/2014																							
		VMP-10-30-103014-DUP	10/30/2014																							
		VMP-10-30-020515	2/5/2015																							
		VMP-10-30-020515-DUP	2/5/2015																							
		VMP-10-30-043015	4/30/2015																							
		VMP-10-30-072815	7/28/2015																							
		VMP-10-30-103015	10/30/2015																							
		VMP-10-30-012916-DUP	1/29/2016																							
		VMP-10-30-050216	5/2/2016																							
		VMP-10-30-050216-DUP	5/2/2016																							
		VMP-10-30-072816	7/28/2016																							
		VMP-10-30-110216	11/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-11	5 ft	VMP-11-5	11/17/2009																							
		VMP-11-5-090710	9/7/2010																							
		VMP-11-5-112210	11/22/2010																							
		VMP-11-5-021511	2/15/2011																							
		VMP-11-5-040611	4/6/2011																							
		VMP-11-5-080711	8/7/2011																							
		VMP-11-5-111111	11/11/2011																							
		VMP-11-5-012612	1/26/2012																							
		VMP-11-5-041912	4/19/2012																							
		VMP-11-5-071912	7/16/2012																							
		VMP-11-5-101612	10/16/2012																							
		VMP-11-5-012913	1/29/2013																							
		VMP-11-5-043013	4/30/2013																							
		VMP-11-5-073113	7/31/2013																							
		VMP-11-5-102813	10/28/2013																							
		VMP-11-5-022114	2/21/2014																							
		VMP-11-5-043014	4/30/2014																							
		VMP-11-5-073114	7/31/2014																							
		VMP-11-5-103014	10/30/2014																							
		VMP-11-5-020515	2/5/2015																							
		VMP-11-5-043015	4/30/2015																							
		VMP-11-5-072815	7/28/2015																							
		VMP-11-5-103015	10/30/2015																							
		VMP-11-5-012916	1/29/2016																							
		VMP-11-5-050216	5/2/2016																							
		VMP-11-5-080116	8/1/2016																							
		VMP-11-5-110116	11/1/2016																							
	8 ft	VMP-11-8	11/17/2009																							
		VMP-11-8-090810	9/8/2010																							
		VMP-11-8-112210	11/22/2010																							
		VMP-11-8-021111	2/11/2011																							
		VMP-11-8-021111-DUP	2/11/2011																							
		VMP-11-8-040611	4/6/2011																							
		VMP-11-8-040611-DUP	4/6/2011																							
		VMP-11-8-080711	8/7/2011																							
		VMP-11-8-111411	11/14/2011																							
		VMP-11-8-012612	1/26/2012																							
		VMP-11-8-041912	4/19/2012																							
		VMP-11-8-072012	7/20/2012																							
		VMP-11-8-101612	10/16/2012																							
		VMP-11-8-101612-Dup	10/16/2012																							
		VMP-11-8-012913	1/29/2013																							
		VMP-11-8-050113	5/1/2013																							
		VMP-11-8-080113	8/1/2013																							
		VMP-11-8-102813	10/28/2013																							
		VMP-11-8-022114	2/21/2014																							
		VMP-11-8-043014	4/30/2014																							
		VMP-11-8-073114	7/31/2014																							
		VMP-11-8-111014-R	11/10/2014																							
		VMP-11-8-020515	2/5/2015																							
		VMP-11-8-043015	4/30/2015																							
		VMP-11-8-072815	7/28/2015																							
		VMP-11-8-103015	10/30/2015																							
		VMP-11-8-012916	1/29/2016																							
		VMP-11-8-050616	5/6/2016																							
		VMP-11-8-080116	8/1/2016																							
		VMP-11-8-110116	11/1/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-11	29 ft	VMP-11-29	11/18/2009																							
		VMP-11-29-090810	9/8/2010																							
		VMP-11-29-112210	11/22/2010																							
		VMP-11-29-112210-Dup	11/22/2010																							
		VMP-11-29-021411	2/14/2011																							
		VMP-11-29-040611	4/6/2011																							
		VMP-11-29-082511	8/25/2011																							
		VMP-11-29-082511-Dup	8/25/2011																							
		VMP-11-29-111411	11/14/2011																							
		VMP-11-29-012612	1/26/2012																							
		VMP-11-29-042712	4/27/2012																							
		VMP-11-29-072012	7/23/2012																							
		VMP-11-29-101612	10/16/2012																							
		VMP-11-29-012913	1/29/2013																							
		VMP-11-29-043013	4/30/2013																							
		VMP-11-29-073113	7/31/2013																							
		VMP-11-29-102813	10/28/2013																							
		VMP-11-29-022114	2/21/2014																							
		VMP-11-29-043014	4/30/2014																							
		VMP-11-29-073114	7/31/2014																							
		VMP-11-29-103014	10/30/2014																							
		VMP-11-29-103014-DUP	10/30/2014																							
		VMP-11-29-020515	2/5/2015																							
		VMP-11-29-020515-DUP	2/5/2015																							
		VMP-11-29-043015	4/30/2015																							
		VMP-11-29-072815	7/28/2015																							
		VMP-11-29-110515	11/5/2015																							
		VMP-11-29-012916	1/29/2016																							
		VMP-11-29-050216	5/2/2016																							
		VMP-11-29-080216	8/2/2016																							
		VMP-11-29-110116	11/1/2016																							
	38 ft	VMP-11-38	11/18/2009																							
		VMP-11-38-042312	4/23/2012																							
		VMP-11-38-042312-Dup	4/23/2012																							
		VMP-11-38-072312	7/23/2012																							
		VMP-11-38-101612	10/16/2012																							
		VMP-11-38-013013	1/30/2013																							
		VMP-11-38-043013	4/30/2013																							
		VMP-11-38-073113	7/31/2013																							
		VMP-11-38-073113-Dup	7/31/2013																							
		VMP-11-38-102813	10/28/2013																							
		VMP-11-38-022114	2/21/2014																							
		VMP-11-38-043014	4/30/2014																							
		VMP-11-38-073114	7/31/2014																							
		VMP-11-38-103014	10/30/2014																							
		VMP-11-38-020515	2/5/2015																							
		VMP-11-38-043015	4/30/2015																							
		VMP-11-38-072815	7/28/2015																							
		VMP-11-38-103015	10/30/2015																							
		VMP-11-38-103015-DUP	10/30/2015																							
		VMP-11-38-012916	1/29/2016																							
		VMP-11-38-050216	5/2/2016																							
		VMP-11-38-050216-DUP	5/2/2016																							
		VMP-11-38-080216	8/2/2016																							
		VMP-11-38-110216	11/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-12	5 ft	VMP-12-5	11/13/2009																							
		VMP-12-5-090310	9/3/2010																							
		VMP-12-5-120310	12/3/2010																							
		VMP-12-5-021511	2/15/2011																							
		VMP-12-5-041911	4/19/2011																							
		VMP-12-5-080411	8/4/2011																							
		VMP-12-5-111611	11/16/2011																							
		VMP-12-5-012412	1/24/2012																							
		VMP-12-5-041912	4/19/2012																							
		VMP-12-5-072612	7/26/2012																							
		VMP-12-5-072612-Dup	7/26/2012																							
		VMP-12-5-102412	10/24/2012																							
		VMP-12-5-021813	2/18/2013																							
		VMP-12-5-051013	5/10/2013																							
		VMP-12-5-081213	8/12/2013																							
		VMP-12-5-111413	11/14/2013																							
		VMP-12-5-031914-R	3/19/2014																							
		VMP-12-5-050214	5/2/2014																							
		VMP-12-5-081514	8/15/2014																							
		VMP-12-5-110714	11/10/2014																							
		VMP-12-5-021115	2/11/2015																							
		VMP-12-5-050715	5/7/2015																							
		VMP-12-5-073115	7/31/2015																							
		VMP-12-5-110415	11/4/2015																							
		VMP-12-5-020316	2/3/2016																							
		VMP-12-5-050416	5/4/2016																							
		VMP-12-5-080316	8/3/2016																							
		VMP-12-5-103116	10/31/2016																							
	11.5 ft	VMP-12-11.5	11/13/2009																							
		VMP-12-11.5-090310	9/3/2010																							
		VMP-12-11.5-120310	12/3/2010																							
		VMP-12-11.5-021511	2/15/2011																							
		VMP-12-11.5-021511-DUP	2/15/2011																							
		VMP-12-11.5-041911	4/19/2011																							
		VMP-12-11.5-080411	8/4/2011																							
		VMP-12-11.5-111611	11/16/2011																							
		VMP-12-11.5-012412	1/24/2012																							
		VMP-12-11.5-041912	4/19/2012																							
		VMP-12-11.5-082012	8/20/2012																							
		VMP-12-11.5-102612	10/26/2012																							
		VMP-12-11.5-021813	2/18/2013																							
		VMP-12-11.5-051013	5/10/2013																							
		VMP-12-11.5-081213	8/12/2013																							
		VMP-12-11.5-111413	11/14/2013																							
		VMP-12-11.5-022814	2/28/2014																							
		VMP-12-11.5-050214	5/2/2014																							
		VMP-12-11.5-081514	8/15/2014																							
		VMP-12-11.5-110714	11/7/2014																							
		VMP-12-11.5-021115	2/11/2015																							
		VMP-12-11.5-050715	5/7/2015																							
		VMP-12-11.5-073115	7/31/2015																							
		VMP-12-11.5-110415	11/4/2015																							
		VMP-12-11.5-020316	2/3/2016																							
		VMP-12-11.5-050416	5/4/2016																							
		VMP-12-11.5-080316	8/3/2016																							
		VMP-12-11.5-110316	11/3/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-12	25 ft	VMP-12-25	11/13/2009																							
		VMP-12-25-090310	9/3/2010																							
		VMP-12-25-120310	12/3/2010																							
		VMP-12-25-021511	2/15/2011																							
		VMP-12-25-041911	4/19/2011																							
		VMP-12-25-080411	8/4/2011																							
		VMP-12-25-111611	11/16/2011																							
		VMP-12-25-012412	1/24/2012																							
		VMP-12-25-012412-DUP	1/24/2012																							
		VMP-12-25-041912	4/19/2012																							
		VMP-12-25-072712	7/27/2012																							
		VMP-12-25-072712-Dup	7/27/2012																							
		VMP-12-25-102512	10/25/2012																							
		VMP-12-25-021513	2/15/2013																							
		VMP-12-25-051013	5/10/2013																							
		VMP-12-25-081213	8/12/2013																							
		VMP-12-25-111413	11/14/2013																							
		VMP-12-25-022814	2/28/2014																							
		VMP-12-25-050214	5/2/2014																							
		VMP-12-25-081514	8/15/2014																							
		VMP-12-25-110714	11/7/2014																							
		VMP-12-25-021115	2/11/2015																							
		VMP-12-25-050715	5/7/2015																							
		VMP-12-25-073115	7/31/2015																							
		VMP-12-25-110415	11/4/2015																							
		VMP-12-25-021616	2/16/2016																							
		VMP-12-25-021616-DUP	2/16/2016																							
		VMP-12-25-050416	5/4/2016																							
		VMP-12-25-080316	8/3/2016																							
		VMP-12-25-103116	10/31/2016																							
		VMP-12-25-103116-Dup	10/31/2016																							
	39 ft	VMP-12-39	11/13/2009																							
		VMP-12-39-041911	4/19/2011																							
		VMP-12-39-012412	1/24/2012																							
		VMP-12-39-041912	4/19/2012																							
		VMP-12-39-072612	7/26/2012																							
		VMP-12-39-102412	10/24/2012																							
		VMP-12-39-021513	2/15/2013																							
		VMP-12-39-051013	5/10/2013																							
		VMP-12-39-081213	8/12/2013																							
		VMP-12-39-111413	11/14/2013																							
		VMP-12-39-022814	2/28/2014																							
		VMP-12-39-050214	5/2/2014																							
		VMP-12-39-081514	8/15/2014																							
		VMP-12-39-081514-Dup	8/15/2014																							
		VMP-12-39-110714	11/7/2014																							
		VMP-12-39-021115	2/11/2015																							
		VMP-12-39-050715	5/7/2015																							
		VMP-12-39-050715-DUP	5/7/2015																							
		VMP-12-39-061515-Dup-R	6/15/2015																							
		VMP-12-39-061515-R	6/15/2015																							
		VMP-12-39-073115	7/31/2015																							
		VMP-12-39-073115-DUP	7/31/2015																							
		VMP-12-39-110415	11/4/2015																							
		VMP-12-39-020316	2/3/2016																							
		VMP-12-39-050416	5/4/2016																							
		VMP-12-39-080316	8/3/2016																							
		VMP-12-39-110316	11/3/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5	11/16/2009																							
		VMP 13-5-091310	9/13/2010																							
		VMP-13-5-120110	12/1/2010																							
		VMP-13-5-021811	2/18/2011																							
		VMP-13-5-040511	4/5/2011																							
		VMP-13-5-080911	8/9/2011																							
		VMP-13-5-080911-DUP	8/9/2011																							
		VMP-13-5-111411	11/14/2011																							
		VMP-13-5-012712	1/27/2012																							
		VMP-13-5-042012	4/20/2012																							
		VMP-13-5-071912	7/19/2012																							
		VMP-13-5-071912-Dup	7/19/2012																							
		VMP-13-5-100912	10/9/2012																							
		VMP-13-5-012913	1/29/2013																							
		VMP-13-5-050113	5/1/2013																							
		VMP-13-5-073113	7/31/2013																							
		VMP-13-5-111513	11/15/2013																							
		VMP-13-5-022114	2/21/2014																							
		VMP-13-5-050114	5/1/2014																							
		VMP-13-5-080814	8/8/2014																							
		VMP-13-5-103014	10/30/2014																							
		VMP-13-5-020515	2/5/2015																							
		VMP-13-5-043015	4/30/2015																							
		VMP-13-5-072715	7/27/2015																							
		VMP-13-5-110215	11/2/2015																							
		VMP-13-5-012616	1/26/2016																							
		VMP-13-5-050316	5/3/2016																							
		VMP-13-5-072916	7/29/2016																							
		VMP-13-5-110216	11/2/2016																							
	10.5 ft	VMP-13-10.5	11/17/2009																							
		VMP-13-10.5-D	11/17/2009																							
		VMP 13-10.5-091310	9/13/2010																							
		VMP 13-10.5-091310-Dup	9/13/2010																							
		VMP-13-10.5-120110	12/1/2010																							
		VMP-13-10.5-120110-DUP	12/1/2010																							
		VMP-13-10.5-021811	2/18/2011																							
		VMP-13-10.5-021811-DUP	2/18/2011																							
		VMP-13-10.5-040511-DUP	4/5/2011																							
		VMP-13-10.5-080911	8/9/2011																							
		VMP-13-10.5-111411	11/14/2011																							
		VMP-13-10.5-012712	1/26/2012																							
		VMP-13-10.5-012712-DUP	1/26/2012																							
		VMP-13-10.5-042012	4/20/2012																							
		VMP-13-10.5-071912	7/19/2012																							
		VMP-13-10.5-100912	10/9/2012																							
		VMP-13-10.5-100912-Dup	10/9/2012																							
		VMP-13-10.5-013013	1/30/2013																							
		VMP-13-10.5-050113	5/1/2013																							
		VMP-13-10.5-073113	7/31/2013																							
		VMP-13-10.5-092013	9/20/2013																							
		VMP-13-10.5-111513	11/15/2013																							
		VMP-13-10.5-111513-Dup	11/15/2013																							
		VMP-13-10.5-022114	2/21/2014																							
		VMP-13-10.5-050114	5/1/2014																							
		VMP-13-10.5-080814	8/8/2014																							
		VMP-13-10.5-103014	10/30/2014																							
		VMP-13-10.5-020515	2/5/2015																							
		VMP-13-10.5-043015	4/30/2015																							
		VMP-13-10.5-072715	7/27/2015																							
		VMP-13-10.5-110215	11/2/2015																							
		VMP-13-10.5-012616	1/26/2016																							
		VMP-13-10.5-050316	5/3/2016																							
		VMP-13-10.5-072916	7/29/2016																							
		VMP-13-10.5-110216	11/2/2016																							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-13	21.5 ft	VMP-13-21.5	11/17/2009																							
		VMP 13-21.5-091310	9/13/2010																							
		VMP-13-21.5-120110	12/1/2010																							
		VMP-13-21.5-021811	2/18/2011																							
		VMP-13-21.5-040511	4/5/2011																							
		VMP-13-21.5-080911	8/9/2011																							
		VMP-13-21.5-111411	11/14/2011																							
		VMP-13-21.5-111411-DUP	11/14/2011																							
		VMP-13-21.5-012712	1/27/2012																							
		VMP-13-21.5-042012	4/20/2012																							
		VMP-13-21.5-071912	7/19/2012																							
		VMP-13-21.5-100912	10/9/2012																							
		VMP-13-21.5-013013	1/30/2013																							
		VMP-13-21.5-050113	5/1/2013																							
		VMP-13-21.5-073113	7/31/2013																							
		VMP-13-21.5-102813	10/28/2013																							
		VMP-13-21.5-102813-Dup	10/28/2013																							
		VMP-13-21.5-022114	2/21/2014																							
		VMP-13-21.5-050114	5/1/2014																							
		VMP-13-21.5-080814	8/8/2014																							
		VMP-13-21.5-103014	10/30/2014																							
		VMP-13-21.5-020515	2/5/2015																							
		VMP-13-21.5-043015	4/30/2015																							
		VMP-13-21.5-072715	7/27/2015																							
		VMP-13-21.5-112515	11/25/2015																							
		VMP-13-21.5-012616	1/26/2016																							
		VMP-13-21.5-050316	5/3/2016																							
		VMP-13-21.5-050316-DUP	5/3/2016																							
		VMP-13-21.5-072916	7/29/2016																							
		VMP-13-21.5-110216	11/2/2016																							
	29.5 ft	VMP-13-29.5	11/17/2009																							
		VMP-13-29.5-021811	2/18/2011																							
		VMP-13-29.5-040511	4/5/2011																							
		VMP-13-29.5-013012	1/30/2012																							
		VMP-13-29.5-042012	4/20/2012																							
		VMP-13-29.5-071912	7/19/2012																							
		VMP-13-29.5-100912	10/9/2012																							
		VMP-13-29.5-013013	1/30/2013																							
		VMP-13-29.5-050113	5/1/2013																							
		VMP-13-29.5-073113	7/31/2013																							
		VMP-13-29.5-102813	10/28/2013																							
		VMP-13-29.5-022114	2/21/2014																							
		VMP-13-29.5-022114-Dup	2/21/2014																							
		VMP-13-29.5-050114	5/1/2014																							
		VMP-13-29.5-080814	8/8/2014																							
		VMP-13-29.5-103014	10/30/2014																							
		VMP-13-29.5-020515	2/5/2015																							
		VMP-13-29.5-043015	4/30/2015																							
		VMP-13-29.5-072715	7/27/2015																							
		VMP-13-29.5-072715-DUP	7/27/2015																							
		VMP-13-29.5-110215	11/2/2015																							
		VMP-13-29.5-110215-DUP	11/2/2015																							
		VMP-13-29.5-012616	1/26/2016																							
		VMP-13-29.5-050316	5/3/2016																							
		VMP-13-29.5-082616-R	8/29/2016																							
		VMP-13-29.5-110216	11/2/2016																							
		VMP-13-29.5-110216-Dup	11/2/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5	11/20/2009																							
		VMP 14-5-091010	9/10/2010																							
		VMP-14-5-120110	12/1/2010																							
		VMP-14-5-021711	2/17/2011																							
		VMP-14-5-040511	4/5/2011																							
		VMP-14-5-080811	8/8/2011																							
		VMP-14-5-111411	11/14/2011																							
		VMP-14-5-042012	4/20/2012																							
		VMP-14-5-072312	7/23/2012																							
		VMP-14-5-101012	10/10/2012																							
		VMP-14-5-013113	1/31/2013																							
		VMP-14-5-050113	5/1/2013																							
		VMP-14-5-111113	11/11/2013																							
		VMP-14-5-022614	2/26/2014																							
		VMP-14-5-050114	5/1/2014																							
		VMP-14-5-081114	8/11/2014																							
		VMP-14-5-103014	10/30/2014																							
		VMP-14-5-020615	2/6/2015																							
		VMP-14-5-043015	4/30/2015																							
		VMP-14-5-072915	7/29/2015																							
		VMP-14-5-110215	11/2/2015																							
		VMP-14-5-012616	1/26/2016																							
		VMP-14-5-050316	5/3/2016																							
		VMP14-5-072916	7/29/2016																							
		VMP-14-5-110216	11/2/2016																							
	11.5 ft	VMP-14-11.5	11/16/2009																							
		VMP 14-11.5-091010	9/10/2010																							
		VMP-14-11.5-120110	12/2/2010																							
		VMP-14-11.5-120110-DUP	12/2/2010																							
		VMP-14-11.5-021711	2/17/2011																							
		VMP-14-11.5-021711-DUP	2/17/2011																							
		VMP-14-11.5-040511	4/5/2011																							
		VMP-14-11.5-080811	8/8/2011																							
		VMP-14-11.5-111511	11/15/2011																							
		VMP-14-11.5-012612	1/26/2012																							
		VMP-14-11.5-042312	4/23/2012																							
		VMP-14-11.5-042312-Dup	4/23/2012																							
		VMP-14-11.5-072512	7/25/2012																							
		VMP-14-11.5-101012	10/10/2012																							
		VMP-14-11.5-013113	1/31/2013																							
		VMP-14-11.5-050113	5/1/2013																							
		VMP-14-11.5-080113	8/1/2013																							
		VMP-14-11.5-111113	11/11/2013																							
		VMP-14-11.5-022614	2/26/2014																							
		VMP-14-11.5-050114	5/1/2014																							
		VMP-14-11.5-081114	8/11/2014																							
		VMP-14-11.5-103014	10/30/2014																							
		VMP-14-11.5-020615	2/6/2015																							
		VMP-14-11.5-043015	4/30/2015																							
		VMP-14-11.5-072915	7/29/2015																							
		VMP-14-11.5-110215	11/2/2015																							
		VMP-14-11.5-012616	1/26/2016																							
		VMP-14-11.5-050316	5/3/2016																							
		VMP-14-11.5-072916	7/29/2016																							
		VMP-14-11.5-110216	11/2/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-14	20 ft	VMP-14-20	11/16/2009																							
		VMP 14-20-091010	9/10/2010																							
		VMP 14-20-091010-Dup	9/10/2010																							
		VMP-14-20-120110	12/2/2010																							
		VMP-14-20-021811	2/18/2011																							
		VMP-14-20-040511	4/5/2011																							
		VMP-14-20-080811	8/8/2011																							
		VMP-14-20-111511	11/15/2011																							
		VMP-14-20-012612	1/26/2012																							
		VMP-14-20-042312	4/23/2012																							
		VMP-14-20-072512	7/25/2012																							
		VMP-14-20-101612	10/16/2012																							
		VMP-14-20-013113	1/31/2013																							
		VMP-14-20-050113	5/1/2013																							
		VMP-14-20-050113-Dup	5/1/2013																							
		VMP-14-20-080113	8/1/2013																							
		VMP-14-20-111113	11/11/2013																							
		VMP-14-20-022614	2/26/2014																							
		VMP-14-20-050114	5/1/2014																							
		VMP-14-20-081114	8/11/2014																							
		VMP-14-20-103014	10/30/2014																							
		VMP-14-20-020615	2/6/2015																							
		VMP-14-20-043015	4/30/2015																							
		VMP-14-20-072915	7/29/2015																							
		VMP-14-20-110215	11/2/2015																							
		VMP-14-20-012616	1/26/2016																							
		VMP-14-20-050416	5/4/2016																							
		VMP-14-20-072916	7/29/2016																							
	29 ft	VMP-14-29	11/16/2009																							
		VMP-14-29-021811	2/18/2011																							
		VMP-14-29-040511	4/5/2011																							
		VMP-14-29-012612	1/26/2012																							
		VMP-14-29-042312	4/23/2012																							
		VMP-14-29-072512	7/25/2012																							
		VMP-14-29-101612	10/16/2012																							
		VMP-14-29-013113-DUP	1/31/2013																							
		VMP-14-29-013113	1/31/2013																							
		VMP-14-29-050213	5/2/2013																							
		VMP-14-29-080113	8/1/2013																							
		VMP-14-29-111113	11/11/2013																							
		VMP-14-29-022614	2/26/2014																							
		VMP-14-29-022614-Dup	2/26/2014																							
		VMP-14-29-050114	5/1/2014																							
		VMP-14-29-050114-Dup	5/1/2014																							
		VMP-14-29-081114	8/11/2014																							
		VMP-14-29-081114-DUP	8/11/2014																							
		VMP-14-29-103014	10/30/2014																							
		VMP-14-29-020615	2/6/2015																							
		VMP-14-29-043015	4/30/2015																							
		VMP-14-29-043015-DUP	4/30/2015																							
		VMP-14-29-072915	7/29/2015																							
		VMP-14-29-110215	11/2/2015																							
		VMP-14-29-012616	1/26/2016																							
		VMP-14-29-012616-DUP	1/26/2016																							
		VMP-14-29-050316	5/3/2016																							
		VMP-14-29-072916	7/29/2016																							
		VMP-14-29-072916-DUP	7/29/2016																							
		VMP-14-29-110216	11/2/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-15	5 ft	VMP-15-5	11/18/2009																							
		VMP-15-5-D	11/18/2009																							
		VMP 15-5-091410	9/14/2010																							
		VMP-15-5-113010	11/30/2010																							
		VMP-15-5-021611	2/16/2011																							
		VMP-15-5-042011	4/20/2011																							
		VMP-15-5-080811	8/8/2011																							
		VMP-15-5-111511	11/15/2011																							
		VMP-15-5-020112	2/1/2012																							
		VMP-15-5-042412	4/24/2012																							
		VMP-15-5-072512	7/25/2012																							
		VMP-15-5-102512	10/25/2012																							
		VMP-15-5-020513	2/5/2013																							
		VMP-15-5-050913	5/9/2013																							
		VMP-15-5-080813	8/8/2013																							
		VMP-15-5-111113	11/11/2013																							
		VMP-15-5-022714	2/27/2014																							
		VMP-15-5-050514	5/5/2014																							
		VMP-15-5-081414	8/14/2014																							
		VMP-15-5-110614	11/6/2014																							
		VMP-15-5-020615	2/6/2015																							
		VMP-15-5-050415	5/4/2015																							
		VMP-15-5-072915	7/29/2015																							
		VMP-15-5-110415	11/4/2015																							
		VMP-15-5-020316	2/3/2016																							
		VMP-15-5-050316	5/3/2016																							
		VMP-15-5-080216	8/2/2016																							
		VMP-15-5-110116	11/1/2016																							
	21.5 ft	VMP-15-21.5	11/18/2009																							
		VMP 15-21.5-091410	9/14/2010																							
		VMP-15-21.5-113010	11/30/2010																							
		VMP-15-21.5-021611	2/16/2011																							
		VMP-15-21.5-042011	4/20/2011																							
		VMP-15-21.5-080811	8/8/2011																							
		VMP-15-21.5-111511	11/15/2011																							
		VMP-15-21.5-020112	2/1/2012																							
		VMP-15-21.5-042412	4/24/2012																							
		VMP-15-21.5-072512	7/25/2012																							
		VMP-15-21.5-102512	10/25/2012																							
		VMP-15-21.5-102512-Dup	10/25/2012																							
		VMP-15-21.5-020713	2/7/2013																							
		VMP-15-21.5-051513	5/15/2013																							
		VMP-15-21.5-080813	8/8/2013																							
		VMP-15-21.5-111113	11/11/2013																							
		VMP-15-21.5-111113-Dup	11/11/2013																							
		VMP-15-21.5-022714	2/27/2014																							
		VMP-15-21.5-050514	5/5/2014																							
		VMP-15-21.5-081414	8/14/2014																							
		VMP-15-21.5-110614	11/6/2014																							
		VMP-15-21.5-020615	2/6/2015																							
		VMP-15-21.5-050415	5/4/2015																							
		VMP-15-21.5-072915	7/29/2015																							
		VMP-15-21.5-110415	11/4/2015																							
		VMP-15-21.5-020316	2/3/2016																							
		VMP-15-21.5-050316	5/3/2016																							
		VMP-15-21.5-080216	8/2/2016																							
		VMP-15-21.5-110116	11/1/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-15	25.5 ft	VMP-15-25.5	11/18/2009																							
		VMP 15-25.5-091410	9/14/2010																							
		VMP-15-25.5-021611	2/16/2011																							
		VMP-15-25.5-042011	4/20/2011																							
		VMP-15-25.5-042011-DUP	4/20/2011																							
		VMP-15-25.5-080811	8/8/2011																							
		VMP-15-25.5-111511	11/15/2011																							
		VMP-15-25.5-073112	7/31/2012																							
		VMP-15-25.5-102512	10/25/2012																							
		VMP-15-25.5-021213	2/12/2013																							
		VMP-15-25.5-050913	5/9/2013																							
		VMP-15-25.5-080813	8/8/2013																							
		VMP-15-25.5-111113	11/11/2013																							
		VMP-15-25.5-022714	2/27/2014																							
		VMP-15-25.5-050514	5/5/2014																							
		VMP-15-25.5-081414	8/14/2014																							
		VMP-15-25.5-110614	11/6/2014																							
		VMP-15-25.5-110614-DUP	11/6/2014																							
		VMP-15-25.5-020615	2/6/2015																							
		VMP-15-25.5-050415	5/4/2015																							
		VMP-15-25.5-072915	7/29/2015																							
		VMP-15-25.5-110415	11/4/2015																							
		VMP-15-25.5-020316	2/3/2016																							
		VMP-15-25.5-050316	5/3/2016																							
		VMP-15-25.5-080216	8/2/2016																							
		VMP-15-25.5-110116	11/1/2016																							
		VMP-15-25.5-110116-Dup	11/1/2016																							
	29 ft	VMP-15-29	11/19/2009																							
		VMP-15-29-073112	7/31/2012																							
		VMP-15-29-102512	10/25/2012																							
		VMP-15-29-021213	2/12/2013																							
		VMP-15-29-050913	5/9/2013																							
		VMP-15-29-080813	8/8/2013																							
		VMP-15-29-111113	11/11/2013																							
		VMP-15-29-022714	2/27/2014																							
		VMP-15-29-022714-Dup	2/27/2014																							
		VMP-15-29-081414	8/14/2014																							
		VMP-15-29-110614	11/6/2014																							
		VMP-15-29-020615	2/6/2015																							
		VMP-15-29-020615-DUP	2/6/2015																							
		VMP-15-29-050415	5/4/2015																							
		VMP-15-29-072915	7/29/2015																							
		VMP-15-29-072915-DUP	7/29/2015																							
		VMP-15-29-110415	11/4/2015																							
		VMP-15-29-020316	2/3/2016																							
		VMP-15-29-050316	5/3/2016																							
		VMP-15-29-080216	8/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5	11/20/2009																							
		VMP-16-5-090210	9/2/2010																							
		VMP-16-5-112910	11/29/2010																							
		VMP-16-5-021511	2/15/2011																							
		VMP-16-5-042211	4/22/2011																							
		VMP-16-5-080511	8/5/2011																							
		VMP-16-5-042512	4/25/2012																							
		VMP-16-5-073012	7/30/2012																							
		VMP-16-5-102512	10/25/2012																							
		VMP-16-5-021413	2/14/2013																							
		VMP-16-5-042313	4/23/2013																							
		VMP-16-5-081313	8/13/2013																							
		VMP-16-5-111513	11/15/2013																							
		VMP-16-5-030614	3/6/2014																							
		VMP-16-5-050214	5/2/2014																							
		VMP-16-5-081514	8/15/2014																							
		VMP-16-5-110714	11/7/2014																							
		VMP-16-5-021115	2/11/2015																							
		VMP-16-5-050715	5/7/2015																							
		VMP-16-5-073115	7/31/2015																							
		VMP-16-5-110415	11/4/2015																							
		VMP-16-5-020316	2/3/2016																							
		VMP-16-5-050416	5/4/2016																							
		VMP-16-5-080316	8/3/2016																							
		VMP-16-5-103116	10/31/2016																							
	13.5 ft	VMP-16-13.5	11/19/2009																							
		VMP-16-13.5-090210	9/2/2010																							
		VMP-16-13.5-090210-DUP	9/2/2010																							
		VMP-16-13.5-112910	11/29/2010																							
		VMP-16-13.5-021611	2/16/2011																							
		VMP-16-13.5-021611-DUP	2/16/2011																							
		VMP-16-13.5-042211	4/22/2011																							
		VMP-16-13.5-080511	8/5/2011																							
		VMP-16-13.5-042512	4/25/2012																							
		VMP-16-13.5-073012	7/30/2012																							
		VMP-16-13.5-102512	10/25/2012																							
		VMP-16-13.5-021413	2/14/2013																							
		VMP-16-13.5-042313	4/23/2013																							
		VMP-16-13.5-081313	8/13/2013																							
		VMP-16-13.5-081313-Dup	8/13/2013																							
		VMP-16-13.5-111513	11/15/2013																							
		VMP-16-13.5-030614	3/6/2014																							
		VMP-16-13.5-050214	5/2/2014																							
		VMP-16-13.5-050214-Dup	5/2/2014																							
		VMP-16-13.5-081514	8/15/2014																							
		VMP-16-13.5-110714	11/7/2014																							
		VMP-16-13.5-110714-DUP	11/7/2014																							
		VMP-16-13.5-021115	2/11/2015																							
		VMP-16-13.5-050715	5/7/2015																							
		VMP-16-13.5-073115	7/31/2015																							
		VMP-16-13.5-110415	11/4/2015																							
		VMP-16-13.5-020316	2/3/2016																							
		VMP-16-13.5-052516-R	5/25/2016																							
		VMP-16-13.5-080316	8/3/2016																							
		VMP-16-13.5-103116	10/31/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-16	19 ft	VMP-16-19	11/19/2009																							
		VMP-16-19-090210	9/2/2010																							
		VMP-16-19-112910	11/29/2010																							
		VMP-16-19-021611	2/16/2011																							
		VMP-16-19-042711	4/27/2011																							
		VMP-16-19-042711-DUP	4/27/2011																							
		VMP-16-19-042512	4/25/2012																							
		VMP-16-19-073012	7/30/2012																							
		VMP-16-19-102512	10/25/2012																							
		VMP-16-19-021413	2/14/2013																							
		VMP-16-19-042313	4/23/2013																							
		VMP-16-19-081313	8/13/2013																							
		VMP-16-19-111513	11/15/2013																							
		VMP-16-19-111513-Dup	11/15/2013																							
		VMP-16-19-030614	3/6/2014																							
		VMP-16-19-050214	5/2/2014																							
		VMP-16-19-081514	8/15/2014																							
		VMP-16-19-110714	11/7/2014																							
		VMP-16-19-120214-R	12/2/2014																							
		VMP-16-19-021115	2/11/2015																							
		VMP-16-19-050715	5/7/2015																							
		VMP-16-19-073115	7/31/2015																							
		VMP-16-19-110415	11/4/2015																							
		VMP-16-19-020316	2/3/2016																							
		VMP-16-19-050416	5/4/2016																							
		VMP-16-19-080316	8/3/2016																							
		VMP-16-19-103116	10/31/2016																							
	31 ft	VMP-16-31	11/19/2009																							
		VMP-16-31-D	11/19/2009																							
		VMP-16-31-090310	9/3/2010																							
		VMP-16-31-112910	11/29/2010																							
		VMP-16-31-042512	4/25/2012																							
		VMP-16-31-073012	7/30/2012																							
		VMP-16-31-102512	10/25/2012																							
		VMP-16-31-021813	2/18/2013																							
		VMP-16-31-042313	4/23/2013																							
		VMP-16-31-081313	8/13/2013																							
		VMP-16-31-111513	11/15/2013																							
		VMP-16-31-030614	3/6/2014																							
		VMP-16-31-050214	5/2/2014																							
		VMP-16-31-081514	8/15/2014																							
		VMP-16-31-081514-Dup	8/15/2014																							
		VMP-16-31-110714	11/7/2014																							
		VMP-16-31-021115	2/11/2015																							
		VMP-16-31-050715	5/7/2015																							
		VMP-16-31-073115	7/31/2015																							
		VMP-16-31-073115-DUP	7/31/2015																							
		VMP-16-31-110415	11/4/2015																							
		VMP-16-31-020316	2/3/2016																							
		VMP-16-31-020316-DUP	2/3/2016																							
		VMP-16-31-050416	5/4/2016																							
		VMP-16-31-050416-DUP	5/4/2016																							
		VMP-16-31-080316	8/3/2016																							
		VMP-16-31-103116	10/31/2016																							
		VMP-16-31-103116-Dup	10/31/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-17	5 ft	VMP-17-5	6/21/2010																							
		VMP-17-5-DUP	6/21/2010																							
		VMP-17-5-090110	9/1/2010																							
		VMP-17-5-112210	11/22/2010																							
		VMP-17-5-020711	2/7/2011																							
		VMP-17-5-040611	4/6/2011																							
		VMP-17-5-080111	8/1/2011																							
		VMP-17-5-110711	11/7/2011																							
		VMP-17-5-012612	1/26/2012																							
		VMP-17-5-041112	4/11/2012																							
		VMP-17-5-071112	7/11/2012																							
		VMP-17-5-100912	10/9/2012																							
		VMP-17-5-013113	1/31/2013																							
		VMP-17-5-013113-DUP	1/31/2013																							
		VMP-17-5-050113	5/1/2013																							
		VMP-17-5-072913	7/29/2013																							
		VMP-17-5-072913-Dup	7/29/2013																							
		VMP-17-5-110813	11/8/2013																							
		VMP-17-5-021114	2/11/2014																							
		VMP-17-5-042214	4/22/2014																							
		VMP-17-5-073114	7/31/2014																							
		VMP-17-5-103014	10/30/2014																							
		VMP-17-5-020415	2/4/2015																							
		VMP-17-5-050115	5/1/2015																							
		VMP-17-5-072815	7/28/2015																							
		VMP-17-5-102915	10/29/2015																							
		VMP-17-5-020216	2/2/2016																							
		VMP-17-5-050216	5/2/2016																							
		VMP-17-5-072516	7/25/2016																							
		VMP-17-5-103116	10/31/2016																							
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010																							
		VMP-18-8.5-090710	9/7/2010																							
		VMP-18-8.5-111910	11/19/2010																							
		VMP-18-8.5-020711	2/7/2011																							
		VMP-18-8.5-020711-DUP	2/7/2011																							
		VMP-18-8.5-040711	4/7/2011																							
		VMP-18-8.5-072811	7/28/2011																							
		VMP-18-8.5-110711	11/7/2011																							
		VMP-18-8.5-012312	1/23/2012																							
		VMP-18-8.5-041012	4/10/2012																							
		VMP-18-8.5-071212	7/12/2012																							
		VMP-18-8.5-100912	10/9/2012																							
		VMP-18-8.5-012313	1/23/2013																							
		VMP-18-8.5-050113	5/1/2013																							
		VMP-18-8.5-072913	7/29/2013																							
		VMP-18-8.5-102513	10/25/2013																							
		VMP-18-8.5-102513-Dup	10/25/2013																							
		VMP-18-8.5-020614	2/6/2014																							
		VMP-18-8.5-042214	4/22/2014																							
		VMP-18-8.5-042214-Dup	4/22/2014																							
		VMP-18-8.5-073114	7/31/2014																							
		VMP-18-8.5-110314	11/3/2014																							
		VMP-18-8.5-020415	2/4/2015																							
		VMP-18-8.5-050115	5/1/2015																							
		VMP-18-8.5-050115-DUP	5/1/2015																							
		VMP-18-8.5-072815	7/28/2015																							
		VMP-18-8.5-102915	10/29/2015																							
		VMP-18-8.5-020216	2/2/2016																							
		VMP-18-8.5-050516	5/5/2016																							
		VMP-18-8.5-072516	7/25/2016																							
		VMP-18-8.5-102516	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-19	5 ft	VMP-19-5	6/18/2010																							
		VMP-19-5-090110	9/1/2010																							
		VMP-19-5-111510	11/15/2010																							
		VMP-19-5-020411	2/4/2011																							
		VMP-19-5-040711	4/7/2011																							
		VMP-19-5-080911	8/9/2011																							
		VMP-19-5-080911-DUP	8/9/2011																							
		VMP-19-5-110811	11/8/2011																							
		VMP-19-5-012612	1/26/2012																							
		VMP-19-5-041012	4/10/2012																							
		VMP-19-5-071112	7/11/2012																							
		VMP-19-5-100912	10/9/2012																							
		VMP-19-5-013113	1/31/2013																							
		VMP-19-5-043013	4/30/2013																							
		VMP-19-5-073113	7/31/2013																							
		VMP-19-5-102513	10/25/2013																							
		VMP-19-5-020614	2/6/2014																							
		VMP-19-5-042214	4/22/2014																							
		VMP-19-5-073114	7/31/2014																							
		VMP-19-5-110314	11/3/2014																							
		VMP-19-5-020415	2/4/2015																							
		VMP-19-5-050115	5/1/2015																							
		VMP-19-5-072815	7/28/2015																							
		VMP-19-5-102615	10/26/2015																							
		VMP-19-5-020216	2/2/2016																							
		VMP-19-5-050616	5/6/2016																							
		VMP-19-5-072816	7/28/2016																							
		VMP-19-5-102516	10/26/2016																							
VMP-20	5 ft	VMP-20-5-031411	3/14/2011																							
		VMP-20-5-041511	4/15/2011																							
		VMP-20-5-072511	7/25/2011																							
		VMP-20-5-110111	11/1/2011																							
		VMP-20-5-012312	1/23/2012																							
		VMP-20-5-041012	4/10/2012																							
		VMP-20-5-071112	7/11/2012																							
		VMP-20-5-073112	7/31/2012																							
		VMP-20-5-100412	10/4/2012																							
		VMP-20-5-020713	2/7/2013																							
		VMP-20-5-041913	4/19/2013																							
		VMP-20-5-072313	7/23/2013																							
		VMP-20-5-110113	11/1/2013																							
		VMP-20-5-021014	2/10/2014																							
		VMP-20-5-042114	4/21/2014																							
		VMP-20-5-072514	7/25/2014																							
		VMP-20-5-102714	10/27/2014																							
		VMP-20-5-012715	1/27/2015																							
		VMP-20-5-042715	4/27/2015																							
		VMP-20-5-072015	7/20/2015																							
		VMP-20-5-102015	10/20/2015																							
		VMP-20-5-021616	2/16/2016																							
		VMP-20-5-042516	4/25/2016																							
		VMP-20-5-072216	7/22/2016																							
		VMP-20-5-102616	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-20	10 ft	VMP-20-10-031411	3/14/2011																							
		VMP-20-10-041511	4/15/2011																							
		VMP-20-10-072511	7/25/2011																							
		VMP-20-10-110111	11/1/2011																							
		VMP-20-10-012312	1/23/2012																							
		VMP-20-10-041012	4/10/2012																							
		VMP-20-10-071112	7/11/2012																							
		VMP-20-10-100412	10/4/2012																							
		VMP-20-10-012213	1/22/2013																							
		VMP-20-10-041913	4/19/2013																							
		VMP-20-10-072313	7/23/2013																							
		VMP-20-10-110113	11/1/2013																							
		VMP-20-10-110113-Dup	11/1/2013																							
		VMP-20-10-021014	2/10/2014																							
		VMP-20-10-042114	4/21/2014																							
		VMP-20-10-072514	7/25/2014																							
		VMP-20-10-102714	10/27/2014																							
		VMP-20-10-012715	1/27/2015																							
		VMP-20-10-012715-DUP	1/27/2015																							
		VMP-20-10-042715	4/27/2015																							
		VMP-20-10-072015	7/20/2015																							
		VMP-20-10-102015	10/20/2015																							
		VMP-20-10-102015-DUP	10/20/2015																							
		VMP-20-10-021616	2/16/2016																							
		VMP-20-10-042516	4/25/2016																							
		VMP-20-10-072216	7/22/2016																							
		VMP-20-10-102616	10/26/2016																							
	25 ft	VMP-20-25-031411	3/14/2011																							
		VMP-20-25-041511	4/15/2011																							
		VMP-20-25-072611	7/26/2011																							
		VMP-20-25-110511	11/5/2011																							
		VMP-20-25-012312	1/23/2012																							
		VMP-20-25-041012	4/10/2012																							
		VMP-20-25-041012-Dup	4/10/2012																							
		VMP-20-25-071112	7/11/2012																							
		VMP-20-25-100412	10/4/2012																							
		VMP-20-25-012213	1/22/2013																							
		VMP-20-25-041913	4/19/2013																							
		VMP-20-25-072313	7/23/2013																							
		VMP-20-25-110113	11/1/2013																							
		VMP-20-25-021014	2/10/2014																							
		VMP-20-25-042114	4/21/2014																							
		VMP-20-25-072514	7/25/2014																							
		VMP-20-25-102714	10/27/2014																							
		VMP-20-25-012715	1/27/2015																							
		VMP-20-25-042715	4/27/2015																							
		VMP-20-25-072015	7/20/2015																							
		VMP-20-25-102015	10/20/2015																							
		VMP-20-25-020216	2/2/2016																							
		VMP-20-25-042516	4/25/2016																							
		VMP-20-25-072216	7/22/2016																							
		VMP-20-25-102616	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-20	39.5 ft	VMP-20-39.5-042114	4/21/2014																							
		VMP-20-39.5-042715	4/27/2015																							
		VMP-20-39.5-042715-DUP	4/27/2015																							
		VMP-20-39.5-072015	7/20/2015																							
		VMP-20-39.5-072015-DUP	7/20/2015																							
		VMP-20-39.5-100412	10/4/2012																							
		VMP-20-39.5-012313	1/23/2013																							
		VMP-20-39.5-041913	4/19/2013																							
		VMP-20-39.5-072313	7/23/2013																							
		VMP-20-39.5-110113	11/1/2013																							
		VMP-20-39.5-021014	2/10/2014																							
		VMP-20-39.5-021014-Dup	2/10/2014																							
		VMP-20-39.5-072514	7/25/2014																							
		VMP-20-39.5-072514-Dup	7/25/2014																							
		VMP-20-39.5-102714	10/27/2014																							
		VMP-20-39.5-012715	1/27/2015																							
		VMP-20-39.5-102015	10/20/2015																							
		VMP-20-39.5-020216	2/2/2016																							
		VMP-20-39.5-020216-DUP	2/2/2016																							
VMP-21	5 ft	VMP-21-5-020911	2/9/2011																							
		VMP-21-5-020911-DUP	2/9/2011																							
		VMP-21-5-041311	4/13/2011																							
		VMP-21-5-072511	7/25/2011																							
		VMP-21-5-110111	11/1/2011																							
		VMP-21-5-012312	1/23/2012																							
		VMP-21-5-012312-DUP	1/23/2012																							
		VMP-21-5-042412	4/24/2012																							
		VMP-21-5-071012	7/10/2012																							
		VMP-21-5-100412	10/4/2012																							
		VMP-21-5-020613	2/6/2013																							
		VMP-21-5-051013	5/10/2013																							
		VMP-21-5-072313	7/23/2013																							
		VMP-21-5-102113	10/21/2013																							
		VMP-21-5-022414	2/24/2014																							
		VMP-21-5-042114	4/21/2014																							
		VMP-21-5-072814	7/28/2014																							
		VMP-21-5-102714	10/27/2014																							
		VMP-21-5-012715	1/27/2015																							
		VMP-21-5-042715	4/27/2015																							
		VMP-21-5-072015	7/20/2015																							
		VMP-21-5-102315	10/23/2015																							
		VMP-21-5-012616	1/26/2016																							
		VMP-21-5-042716	4/27/2016																							
		VMP-21-5-072616	7/26/2016																							
		VMP-21-5-102416	10/24/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011																							
		VMP-21-10-041311	4/13/2011																							
		VMP-21-10-072511	7/25/2011																							
		VMP-21-10-110111	11/1/2011																							
		VMP-21-10-012312	1/23/2012																							
		VMP-21-10-040912	4/9/2012																							
		VMP-21-10-071012	7/10/2012																							
		VMP-21-10-100412	10/4/2012																							
		VMP-21-10-020513	2/5/2013																							
		VMP-21-10-020513-DUP	2/5/2013																							
		VMP-21-10-051013	5/10/2013																							
		VMP-21-10-072313	7/23/2013																							
		VMP-21-10-102113	10/21/2013																							
		VMP-21-10-022414	2/24/2014																							
		VMP-21-10-042114	4/21/2014																							
		VMP-21-10-072814	7/28/2014																							
		VMP-21-10-102714	10/27/2014																							
		VMP-21-10-012715	1/27/2015																							
		VMP-21-10-042715	4/27/2015																							
		VMP-21-10-072015	7/20/2015																							
		VMP-21-10-102315	10/23/2015																							
		VMP-21-10-012616	1/26/2016																							
		VMP-21-10-042716	4/27/2016																							
		VMP-21-10-072616	7/26/2016																							
		VMP-21-10-102416	10/24/2016																							
	25 ft	VMP-21-25-021011	2/10/2011																							
		VMP-21-25-041411	4/14/2011																							
		VMP-21-25-041411-DUP	4/14/2011																							
		VMP-21-25-072611	7/26/2011																							
		VMP-21-25-110511	11/5/2011																							
		VMP-21-25-012412	1/24/2012																							
		VMP-21-25-040912	4/9/2012																							
		VMP-21-25-071112	7/11/2012																							
		VMP-21-25-100412	10/4/2012																							
		VMP-21-25-020513	2/5/2013																							
		VMP-21-25-020513-DUP	2/5/2013																							
		VMP-21-25-051013	5/10/2013																							
		VMP-21-25-072313	7/23/2013																							
		VMP-21-25-102113	10/21/2013																							
		VMP-21-25-042114	4/21/2014																							
		VMP-21-25-072814	7/28/2014																							
		VMP-21-25-102714	10/27/2014																							
		VMP-21-25-012715	1/27/2015																							
		VMP-21-25-042715	4/27/2015																							
		VMP-21-25-072015	7/20/2015																							
		VMP-21-25-102315	10/23/2015																							
		VMP-21-25-012616	1/26/2016																							
		VMP-21-25-042716	4/27/2016																							
		VMP-21-25-072616	7/26/2016																							
		VMP-21-25-102416	10/24/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-021011	2/10/2011																							
		VMP-21-33-041411	4/14/2011																							
		VMP-21-33-110511	11/5/2011																							
		VMP-21-33-012412	1/24/2012																							
		VMP-21-33-042412	4/24/2012																							
		VMP-21-33-071112	7/11/2012																							
		VMP-21-33-100412	10/4/2012																							
		VMP-21-33-020513	2/5/2013																							
		VMP-21-33-051013	5/10/2013																							
		VMP-21-33-102113	10/21/2013																							
		VMP-21-33-102113-DUP	10/21/2013																							
		VMP-21-33-022414	2/24/2014																							
		VMP-21-33-022414-Dup	2/24/2014																							
		VMP-21-33-042114	4/21/2014																							
		VMP-21-33-072814	7/28/2014																							
		VMP-21-33-102714	10/27/2014																							
		VMP-21-33-102714-DUP	10/27/2014																							
		VMP-21-33-012715	1/27/2015																							
		VMP-21-33-072015	7/20/2015																							
		VMP-21-33-102315	10/23/2015																							
		VMP-21-33-102315-DUP	10/23/2015																							
		VMP-21-33-042716	4/27/2016																							
		VMP-21-33-072616	7/26/2016																							
		VMP-21-33-102416	10/24/2016																							
VMP-22	5 ft	VMP-22-5-021111	2/11/2011																							
		VMP-22-5-041811	4/18/2011																							
		VMP-22-5-072611	7/26/2011																							
		VMP-22-5-110111	11/1/2011																							
		VMP-22-5-012412	1/24/2012																							
		VMP-22-5-040912	4/9/2012																							
		VMP-22-5-070912	7/9/2012																							
		VMP-22-5-100312	10/3/2012																							
		VMP-22-5-100312-Dup	10/3/2012																							
		VMP-22-5-012413	1/24/2013																							
		VMP-22-5-041913	4/19/2013																							
		VMP-22-5-072313	7/23/2013																							
		VMP-22-5-072313-Dup	7/23/2013																							
		VMP-22-5-101813	10/18/2013																							
		VMP-22-5-021314	2/13/2014																							
		VMP-22-5-042214	4/22/2014																							
		VMP-22-5-072814	7/28/2014																							
		VMP-22-5-102414	10/24/2014																							
		VMP-22-5-012715	1/27/2015																							
		VMP-22-5-042715	4/27/2015																							
		VMP-22-5-072015	7/20/2015																							
		VMP-22-5-012616	1/26/2016																							
		VMP-22-5-042616	4/26/2016																							
		VMP-22-5-072216	7/22/2016																							
		VMP-22-5-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011																							
		VMP-22-10-041811	4/18/2011																							
		VMP-22-10-072611	7/26/2011																							
		VMP-22-10-072611-DUP	7/26/2011																							
		VMP-22-10-110211	11/2/2011																							
		VMP-22-10-012412	1/24/2012																							
		VMP-22-10-040912	4/9/2012																							
		VMP-22-10-070912	7/9/2012																							
		VMP-22-10-070912-Dup	7/9/2012																							
		VMP-22-10-100312	10/3/2012																							
		VMP-22-10-012413	1/24/2013																							
		VMP-22-10-041913	4/19/2013																							
		VMP-22-10-072313	7/23/2013																							
		VMP-22-10-101813	10/18/2013																							
		VMP-22-10-021314	2/13/2014																							
		VMP-22-10-042214	4/22/2014																							
		VMP-22-10-072814	7/28/2014																							
		VMP-22-10-102414	10/24/2014																							
		VMP-22-10-012715	1/27/2015																							
		VMP-22-10-042715	4/27/2015																							
		VMP-22-10-072015	7/20/2015																							
		VMP-22-10-102315	10/23/2015																							
		VMP-22-10-012616	1/26/2016																							
		VMP-22-10-042616	4/26/2016																							
		VMP-22-10-072216	7/22/2016																							
		VMP-22-10-102716	10/27/2016																							
	18 ft	VMP-22-18-021111	2/11/2011																							
		VMP-22-18-041811	4/18/2011																							
		VMP-22-18-072611	7/26/2011																							
		VMP-22-18-110511	11/5/2011																							
		VMP-22-18-012412	1/24/2012																							
		VMP-22-18-040912	4/9/2012																							
		VMP-22-18-070912	7/9/2012																							
		VMP-22-18-100412	10/4/2012																							
		VMP-22-18-012413	1/24/2013																							
		VMP-22-18-042213	4/22/2013																							
		VMP-22-18-072913	7/29/2013																							
		VMP-22-18-101813	10/18/2013																							
		VMP-22-18-021314	2/13/2014																							
		VMP-22-18-042214	4/22/2014																							
		VMP-22-18-072814	7/28/2014																							
		VMP-22-18-102414	10/24/2014																							
		VMP-22-18-012715	1/27/2015																							
		VMP-22-18-012715-DUP	1/27/2015																							
		VMP-22-18-042715	4/27/2015																							
		VMP-22-18-072015	7/20/2015																							
		VMP-22-18-102315	10/23/2015																							
		VMP-22-18-012616	1/26/2016																							
		VMP-22-18-042616	4/26/2016																							
		VMP-22-18-072216	7/22/2016																							
		VMP-22-18-102716	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-22	38 ft	VMP-22-38-041811	4/18/2011																							
		VMP-22-38-012512	1/25/2012																							
		VMP-22-38-040912	4/9/2012																							
		VMP-22-38-070912	7/9/2012																							
		VMP-22-38-100412	10/4/2012																							
		VMP-22-38-012413	1/24/2013																							
		VMP-22-38-042213	4/22/2013																							
		VMP-22-38-072913	7/29/2013																							
		VMP-22-38-101813	10/18/2013																							
		VMP-22-38-021314	2/13/2014																							
		VMP-22-38-021314-Dup	2/13/2014																							
		VMP-22-38-042214	4/22/2014																							
		VMP-22-38-072814	7/28/2014																							
		VMP-22-38-072814-DUP	7/28/2014																							
		VMP-22-38-102414	10/24/2014																							
		VMP-22-38-102414-DUP	10/24/2014																							
		VMP-22-38-012715	1/27/2015																							
		VMP-22-38-042715	4/27/2015																							
		VMP-22-38-042715-DUP	4/27/2015																							
		VMP-22-38-072015	7/20/2015																							
		VMP-22-38-072015-DUP	7/20/2015																							
		VMP-22-38-102315	10/23/2015																							
		VMP-22-38-012616-DUP	1/26/2016																							
		VMP-22-38-042616	4/26/2016																							
		VMP-22-38-072216	7/22/2016																							
		VMP-22-38-072216-DUP	7/22/2016																							
		VMP-22-38-102716	10/27/2016																							
		VMP-22-38-102716-Dup	10/27/2016																							
VMP-23	5 ft	VMP-23-5-021511	2/15/2011																							
		VMP-23-5-042111	4/21/2011																							
		VMP-23-5-072711	7/27/2011																							
		VMP-23-5-110211	11/2/2011																							
		VMP-23-5-012512	1/25/2012																							
		VMP-23-5-040912	4/9/2012																							
		VMP-23-5-070912	7/9/2012																							
		VMP-23-5-100312	10/3/2012																							
		VMP-23-5-012413	1/24/2013																							
		VMP-23-5-042213	4/22/2013																							
		VMP-23-5-072313	7/23/2013																							
		VMP-23-5-101813	10/18/2013																							
		VMP-23-5-021314	2/13/2014																							
		VMP-23-5-042114	4/21/2014																							
		VMP-23-5-080514	8/5/2014																							
		VMP-23-5-102414	10/24/2014																							
		VMP-23-5-012715	1/27/2015																							
		VMP-23-5-042715	4/27/2015																							
		VMP-23-5-072015	7/20/2015																							
		VMP-23-5-102615	10/26/2015																							
		VMP-23-5-012516	1/25/2016																							
		VMP-23-5-062816	6/28/2016																							
		VMP-23-5-072216	7/22/2016																							
		VMP-23-5-101916	10/19/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011																							
		VMP-23-10-042111	4/21/2011																							
		VMP-23-10-072711	7/27/2011																							
		VMP-23-10-110211	11/2/2011																							
		VMP-23-10-012512	1/25/2012																							
		VMP-23-10-040912	4/9/2012																							
		VMP-23-10-040912-Dup	4/9/2012																							
		VMP-23-10-070912	7/9/2012																							
		VMP-23-10-100312	10/3/2012																							
		VMP-23-10-012413	1/24/2013																							
		VMP-23-10-042213	4/22/2013																							
		VMP-23-10-072313	7/23/2013																							
		VMP-23-10-101813	10/18/2013																							
		VMP-23-10-101813-DUP	10/18/2013																							
		VMP-23-10-021314	2/13/2014																							
		VMP-23-10-042114	4/21/2014																							
		VMP-23-10-080514	8/5/2014																							
		VMP-23-10-102414	10/24/2014																							
		VMP-23-10-012715	1/27/2015																							
		VMP-23-10-042715	4/27/2015																							
		VMP-23-10-072015	7/20/2015																							
		VMP-23-10-102615	10/26/2015																							
		VMP-23-10-012516	1/25/2016																							
		VMP-23-10-062816	6/28/2016																							
		VMP-23-10-072216	7/22/2016																							
		VMP-23-10-101916	10/19/2016																							
	25 ft	VMP-23-25-021511	2/15/2011																							
		VMP-23-25-042111	4/21/2011																							
		VMP-23-25-072711	7/27/2011																							
		VMP-23-25-110511	11/5/2011																							
		VMP-23-25-012512	1/25/2012																							
		VMP-23-25-040912	4/9/2012																							
		VMP-23-25-071012	7/10/2012																							
		VMP-23-25-100312	10/3/2012																							
		VMP-23-25-012413	1/24/2013																							
		VMP-23-25-042213	4/22/2013																							
		VMP-23-25-072313	7/23/2013																							
		VMP-23-25-102113	10/21/2013																							
		VMP-23-25-021314	2/13/2014																							
		VMP-23-25-042114	4/21/2014																							
		VMP-23-25-080514	8/5/2014																							
		VMP-23-25-102414	10/24/2014																							
		VMP-23-25-012715	1/27/2015																							
		VMP-23-25-042715	4/27/2015																							
		VMP-23-25-072015	7/20/2015																							
		VMP-23-25-102615	10/26/2015																							
		VMP-23-25-012516	1/25/2016																							
		VMP-23-25-062816	6/28/2016																							
		VMP-23-25-072216	7/22/2016																							
		VMP-23-25-101916	10/19/2016																							
	40 ft	VMP-23-40-071012	7/10/2012																							
		VMP-23-40-100312	10/3/2012																							
		VMP-23-40-012413	1/24/2013																							
		VMP-23-40-042213	4/22/2013																							
		VMP-23-40-042213-Dup	4/22/2013																							
		VMP-23-40-102113	10/21/2013																							
		VMP-23-40-021314	2/13/2014																							
		VMP-23-40-042114	4/21/2014																							
		VMP-23-40-080514	8/5/2014																							
		VMP-23-40-102414	10/24/2014																							
		VMP-23-40-012715	1/27/2015																							
		VMP-23-40-042715	4/27/2015																							
		VMP-23-40-072015	7/20/2015																							
		VMP-23-40-102615	10/26/2015																							
		VMP-23-40-102615-DUP	10/26/2015																							
		VMP-23-40-012516	1/25/2016																							
		VMP-23-40-072216	7/22/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-021611	2/16/2011																							
		VMP-24-5-040811	4/8/2011																							
		VMP-24-5-072811	7/28/2011																							
		VMP-24-5-110211	11/2/2011																							
		VMP-24-5-110211-DUP	11/2/2011																							
		VMP-24-5-012512	1/25/2012																							
		VMP-24-5-040912	4/9/2012																							
		VMP-24-5-071212	7/12/2012																							
		VMP-24-5-101912	10/19/2012																							
		VMP-24-5-012313	1/23/2013																							
		VMP-24-5-050113	5/1/2013																							
		VMP-24-5-073113	7/31/2013																							
		VMP-24-5-102113	10/21/2013																							
		VMP-24-5-020614	2/6/2014																							
		VMP-24-5-042114	4/21/2014																							
		VMP-24-5-072814	7/28/2014																							
		VMP-24-5-102714	10/27/2014																							
		VMP-24-5-020215	2/2/2015																							
		VMP-24-5-042715	4/27/2015																							
		VMP-24-5-072115	7/21/2015																							
		VMP-24-5-102915	10/29/2015																							
		VMP-24-5-012716	1/27/2016																							
		VMP-24-5-042916	4/29/2016																							
		VMP-24-5-072716	7/27/2016																							
		VMP-24-5-102816	10/28/2016																							
	10 ft	VMP-24-10-021711	2/17/2011																							
		VMP-24-10-041111	4/11/2011																							
		VMP-24-10-072811	7/28/2011																							
		VMP-24-10-110211	11/2/2011																							
		VMP-24-10-012512	1/25/2012																							
		VMP-24-10-041012	4/10/2012																							
		VMP-24-10-071212	7/12/2012																							
		VMP-24-10-100912	10/9/2012																							
		VMP-24-10-012313	1/23/2013																							
		VMP-24-10-042513	4/25/2013																							
		VMP-24-10-073113	7/31/2013																							
		VMP-24-10-102113	10/21/2013																							
		VMP-24-10-020614	2/6/2014																							
		VMP-24-10-042114	4/21/2014																							
		VMP-24-10-072814	7/28/2014																							
		VMP-24-10-102714	10/27/2014																							
		VMP-24-10-020215	2/2/2015																							
		VMP-24-10-042715	4/27/2015																							
		VMP-24-10-072115	7/21/2015																							
		VMP-24-10-102915	10/29/2015																							
		VMP-24-10-012716	1/27/2016																							
		VMP-24-10-042916	4/29/2016																							
		VMP-24-10-072716	7/27/2016																							
		VMP-24-10-102816	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011																							
		VMP-24-22-041111	4/11/2011																							
		VMP-24-22-072811	7/28/2011																							
		VMP-24-22-072811-Dup	7/28/2011																							
		VMP-24-22-110611	11/6/2011																							
		VMP-24-22-012512	1/25/2012																							
		VMP-24-22-041012	4/10/2012																							
		VMP-24-22-071212	7/12/2012																							
		VMP-24-22-100912	10/9/2012																							
		VMP-24-22-012313	1/23/2013																							
		VMP-24-22-042513	4/25/2013																							
		VMP-24-22-042513-Dup	4/25/2013																							
		VMP-24-22-073113	7/31/2013																							
		VMP-24-22-102213	10/22/2013																							
		VMP-24-22-020614	2/6/2014																							
		VMP-24-22-042114	4/21/2014																							
		VMP-24-22-072814	7/28/2014																							
		VMP-24-22-102714	10/27/2014																							
		VMP-24-22-020215	2/2/2015																							
		VMP-24-22-042715	4/27/2015																							
		VMP-24-22-072115	7/21/2015																							
		VMP-24-22-082415	8/24/2015																							
		VMP-24-22-082415-DUP	8/24/2015																							
		VMP-24-22-102915	10/29/2015																							
		VMP-24-22-012716	1/27/2016																							
		VMP-24-22-042916	4/29/2016																							
		VMP-24-22-072716	7/27/2016																							
		VMP-24-22-102816	10/28/2016																							
	34 ft	VMP-24-34-021711	2/17/2011																							
		VMP-24-34-041111	4/11/2011																							
		VMP-24-34-072811	7/28/2011																							
		VMP-24-34-110611	11/6/2011																							
		VMP-24-34-012512	1/25/2012																							
		VMP-24-34-041012	4/10/2012																							
		VMP-24-34-071212	7/12/2012																							
		VMP-24-34-100912	10/9/2012																							
		VMP-24-34-012313	1/23/2013																							
		VMP-24-34-050613	5/6/2013																							
		VMP-24-34-073113	7/31/2013																							
		VMP-24-34-073113-Dup	7/31/2013																							
		VMP-24-34-102213	10/22/2013																							
		VMP-24-34-020614	2/6/2014																							
		VMP-24-34-042114	4/21/2014																							
		VMP-24-34-072814	7/28/2014																							
		VMP-24-34-072814-DUP	7/28/2014																							
		VMP-24-34-102714	10/27/2014																							
		VMP-24-34-102714-DUP	10/27/2014																							
		VMP-24-34-020215	2/2/2015																							
		VMP-24-34-020215-DUP	2/2/2015																							
		VMP-24-34-042715	4/27/2015																							
		VMP-24-34-072115	7/21/2015																							
		VMP-24-34-072115-DUP	7/21/2015																							
		VMP-24-34-102915	10/29/2015																							
		VMP-24-34-012716	1/27/2016																							
		VMP-24-34-042916	4/29/2016																							
		VMP-24-34-072716	7/27/2016																							
		VMP-24-34-072716-DUP	7/27/2016																							
		VMP-24-34-102816	10/28/2016																							
		VMP-24-34-102816-Dup	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-25	5 ft	VMP-25-5-031511	3/15/2011																							
		VMP-25-5-040811	4/8/2011																							
		VMP-25-5-080911	8/9/2011																							
		VMP-25-5-111711	11/17/2011																							
		VMP-25-5-013112	1/31/2012																							
		VMP-25-5-042512	4/25/2012																							
		VMP-25-5-072612	7/26/2012																							
		VMP-25-5-102612	10/26/2012																							
		VMP-25-5-030613	3/6/2013																							
		VMP-25-5-051713	5/17/2013																							
		VMP-25-5-081513	8/15/2013																							
		VMP-25-5-081513-Dup	8/15/2013																							
		VMP-25-5-111313	11/13/2013																							
		VMP-25-5-050114	5/1/2014																							
		VMP-25-5-081414	8/14/2014																							
		VMP-25-5-110514	11/5/2014																							
		VMP-25-5-021115	2/11/2015																							
		VMP-25-5-050715	5/7/2015																							
		VMP-25-5-073015	7/30/2015																							
		VMP-25-5-110515	11/5/2015																							
		VMP-25-5-021616	2/16/2016																							
		VMP-25-5-050416	5/4/2016																							
		VMP-25-5-080316	8/3/2016																							
		VMP-25-5-103116	10/31/2016																							
	21 ft	VMP-25-21-031511	3/15/2011																							
		VMP-25-21-031511-DUP	3/15/2011																							
		VMP-25-21-040811	4/8/2011																							
		VMP-25-21-040811-DUP	4/8/2011																							
		VMP-25-21-080911	8/9/2011																							
		VMP-25-21-111711	11/17/2011																							
		VMP-25-21-111711-DUP	11/17/2011																							
		VMP-25-21-013112	1/31/2012																							
		VMP-25-21-013112-DUP	2/1/2012																							
		VMP-25-21-042512	4/25/2012																							
		VMP-25-21-072612	7/26/2012																							
		VMP-25-21-102612	10/26/2012																							
		VMP-25-21-030613	3/6/2013																							
		VMP-25-21-051713	5/17/2013																							
		VMP-25-21-081513	8/15/2013																							
		VMP-25-21-111313	11/13/2013																							
		VMP-25-21-111313-Dup	11/13/2013																							
		VMP-25-21-050114	5/1/2014																							
		VMP-25-21-081414	8/14/2014																							
		VMP-25-21-110514	11/5/2014																							
		VMP-25-21-021115	2/11/2015																							
		VMP-25-21-050715	5/7/2015																							
		VMP-25-21-073015	7/30/2015																							
		VMP-25-21-110515	11/5/2015																							
		VMP-25-21-050416	5/4/2016																							
		VMP-25-21-080316	8/3/2016																							
		VMP-25-21-103116	10/31/2016																							
		VMP-25-21-103116-Dup	10/31/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-25	31 ft	VMP-25-31-030613	3/6/2013																							
		VMP-25-31-081513	8/15/2013																							
		VMP-25-31-111313	11/13/2013																							
		VMP-25-31-050114	5/1/2014																							
		VMP-25-31-081414	8/14/2014																							
		VMP-25-31-110514	11/5/2014																							
		VMP-25-31-021115	2/11/2015																							
		VMP-25-31-021115-DUP	2/11/2015																							
		VMP-25-31-050715	5/7/2015																							
		VMP-25-31-050715-DUP	5/7/2015																							
		VMP-25-31-073015	7/30/2015																							
		VMP-25-31-073015-DUP	7/30/2015																							
		VMP-25-31-110515	11/5/2015																							
		VMP-25-31-021616	2/16/2016																							
		VMP-25-31-021616-DUP	2/16/2016																							
		VMP-25-31-050416	5/4/2016																							
		VMP-25-31-080316	8/3/2016																							
		VMP-25-31-080316-DUP	8/3/2016																							
		VMP-25-31-103116	10/31/2016																							
VMP-29	10 ft	VMP-29-10-073012	7/30/2012																							
		VMP-29-10-100812	10/8/2012																							
		VMP-29-10-020613	2/6/2013																							
		VMP-29-10-050613	5/6/2013																							
		VMP-29-10-080513	8/5/2013																							
		VMP-29-10-083013	8/30/2013																							
		VMP-29-10-102513	10/25/2013																							
		VMP-29-10-021214	2/12/2014																							
		VMP-29-10-042914	4/29/2014																							
		VMP-29-10-081214	8/12/2014																							
		VMP-29-10-110314	11/3/2014																							
		VMP-29-10-020515	2/5/2015																							
		VMP-29-10-050615	5/6/2015																							
		VMP-29-10-072715	7/27/2015																							
		VMP-29-10-103015	10/30/2015																							
		VMP-29-10-012716	1/27/2016																							
		VMP-29-10-050216	5/2/2016																							
		VMP-29-10-072816	7/28/2016																							
		VMP-29-10-120916	12/9/2016																							
	20 ft	VMP-29-20-073012	7/30/2012																							
		VMP-29-20-073012-Dup	7/30/2012																							
		VMP-29-20-100812	10/8/2012																							
		VMP-29-20-020613	2/6/2013																							
		VMP-29-20-050613	5/6/2013																							
		VMP-29-20-080513	8/5/2013																							
		VMP-29-20-102513	10/25/2013																							
		VMP-29-20-021214	2/12/2014																							
		VMP-29-20-042914	4/29/2014																							
		VMP-29-20-081214	8/12/2014																							
		VMP-29-20-110314	11/3/2014																							
		VMP-29-20-020515	2/5/2015																							
		VMP-29-20-050615	5/6/2015																							
		VMP-29-20-072715	7/27/2015																							
		VMP-29-20-103015	10/30/2015																							
	18 ft	VMP-29-20-020416-R	2/4/2016																							
		VMP-29-20-050216	5/2/2016																							
		VMP-29-20-072816	7/28/2016																							
		VMP-29-18-110316	11/3/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-29	26 ft	VMP-29-30-073012	7/30/2012																							
		VMP-29-30-100812	10/8/2012																							
		VMP-29-30-020613	2/6/2013																							
		VMP-29-30-050613	5/6/2013																							
		VMP-29-30-080513	8/5/2013																							
		VMP-29-30-080513-Dup	8/5/2013																							
		VMP-29-30-102513	10/25/2013																							
		VMP-29-30-021214	2/12/2014																							
		VMP-29-30-042914	4/29/2014																							
		VMP-29-30-081214	8/12/2014																							
		VMP-29-30-111214-R	11/12/2014																							
		VMP-29-30-111214-R-DUP	11/12/2014																							
		VMP-29-30-020615	2/6/2015																							
		VMP-29-30-050615	5/6/2015																							
		VMP-29-30-050615-DUP	5/6/2015																							
		VMP-29-30-080315	8/3/2015																							
		VMP-29-30-103015	10/30/2015																							
		VMP-29-30-012716	1/27/2016																							
		VMP-29-30-050216	5/2/2016																							
		VMP-29-30-072816	7/28/2016																							
		VMP-29-26-110316	11/3/2016																							
		VMP-29-26-110316-Dup	11/3/2016																							
VMP-30	10 ft	VMP-30-10-073012	7/30/2012																							
		VMP-30-10-100812	10/8/2012																							
		VMP-30-10-020613	2/6/2013																							
		VMP-30-10-050613	5/6/2013																							
		VMP-30-10-080513	8/5/2013																							
		VMP-30-10-102813	10/28/2013																							
		VMP-30-10-021214	2/12/2014																							
		VMP-30-10-042914	4/29/2014																							
		VMP-30-10-080814	8/8/2014																							
		VMP-30-10-110414	11/4/2014																							
		VMP-30-10-020615	2/6/2015																							
		VMP-30-10-050515	5/5/2015																							
		VMP-30-10-072715	7/27/2015																							
		VMP-30-10-103015	10/30/2015																							
		VMP-30-10-020416	2/4/2016																							
		VMP-30-10-050216	5/2/2016																							
		VMP-30-10-072816	7/28/2016																							
		VMP-30-10-110316	11/3/2016																							
	18 ft	VMP-30-20-073012	7/30/2012																							
		VMP-30-20-100812	10/8/2012																							
		VMP-30-20-020613	2/6/2013																							
		VMP-30-20-050613	5/6/2013																							
		VMP-30-20-080513	8/5/2013																							
		VMP-30-20-102813	10/28/2013																							
		VMP-30-20-021214	2/12/2014																							
		VMP-30-20-042914	4/29/2014																							
		VMP-30-20-080814	8/8/2014																							
		VMP-30-20-110414	11/4/2014																							
		VMP-30-20-020615	2/6/2015																							
		VMP-30-20-050515	5/5/2015																							
		VMP-30-20-072715	7/27/2015																							
		VMP-30-20-103015	10/30/2015																							
		VMP-30-20-012716	1/27/2016																							
		VMP-30-20-050216	5/2/2016																							
		VMP-30-20-072816	7/28/2016																							
		VMP-30-18-110316	11/3/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-30	26 ft	VMP-30-30-073012	7/30/2012																							
		VMP-30-30-100812	10/8/2012																							
		VMP-30-30-020613	2/6/2013																							
		VMP-30-30-050613	5/6/2013																							
		VMP-30-30-081413	8/14/2013																							
		VMP-30-30-102813	10/28/2013																							
		VMP-30-30-021214	2/12/2014																							
		VMP-30-30-042914	4/29/2014																							
		VMP-30-30-042914-DUP	4/29/2014																							
		VMP-30-30-080814	8/8/2014																							
		VMP-30-30-110414	11/4/2014																							
		VMP-30-30-020615	2/6/2015																							
		VMP-30-30-050515	5/5/2015																							
		VMP-30-30-050515-DUP	5/5/2015																							
		VMP-30-30-072715	7/27/2015																							
		VMP-30-30-103015	10/30/2015																							
		VMP-30-30-012716	1/27/2016																							
		VMP-30-30-050216	5/2/2016																							
		VMP-30-30-072816	7/28/2016																							
		VMP-30-30-072816-DUP	7/28/2016																							
		VMP-30-26-110316	11/3/2016																							
VMP-31	5 ft	VMP-31-5-042512	4/25/2012																							
		VMP-31-5-072012	7/20/2012																							
		VMP-31-5-102612	10/26/2012																							
		VMP-31-5-021113	2/11/2013																							
		VMP-31-5-051513	5/15/2013																							
		VMP-31-5-022614	2/26/2014																							
	10 ft	VMP-31-10-042512	4/25/2012																							
		VMP-31-10-072612	7/26/2012																							
		VMP-31-10-102612	10/26/2012																							
		VMP-31-10-021313	2/13/2013																							
		VMP-31-10-051713	5/17/2013																							
		VMP-31-10-111313	11/13/2013																							
		VMP-31-10-022714	2/27/2014																							
	20 ft	VMP-31-20-101912	10/19/2012																							
		VMP-31-20-021113	2/11/2013																							
		VMP-31-20-111213	11/12/2013																							
	30 ft	VMP-31-30-042512	4/25/2012																							
		VMP-31-30-042512-Dup	4/25/2012																							
		VMP-31-30-072012	7/20/2012																							
		VMP-31-30-101912	10/19/2012																							
		VMP-31-30-021113	2/11/2013																							
		VMP-31-30-050713	5/7/2013																							
		VMP-31-30-080913	8/9/2013																							
		VMP-31-30-111213	11/12/2013																							
		VMP-31-30-022614	2/26/2014																							
VMP-32	5 ft	VMP-32-5-042512	4/25/2012																							
		VMP-32-5-072012	7/20/2012																							
		VMP-32-5-101812	10/18/2012																							
		VMP-32-5-020513	2/5/2013																							
		VMP-32-5-050713	5/7/2013																							
		VMP-32-5-080213	8/2/2013																							
		VMP-32-5-110813	11/8/2013																							
		VMP-32-5-050114	5/1/2014																							
		VMP-32-5-081314	8/13/2014																							
		VMP-32-5-110714	11/7/2014																							
		VMP-32-5-021015	2/10/2015																							
		VMP-32-5-073115	7/31/2015																							
		VMP-32-5-082415	8/24/2015																							
		VMP-32-5-110415	11/4/2015																							
		VMP-32-5-012616	1/26/2016																							
		VMP-32-5-042716	4/27/2016																							
		VMP-32-5-072616	7/26/2016																							
		VMP-32-5-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-32	10 ft	VMP-32-10-041612	4/16/2012																							
		VMP-32-10-072012	7/20/2012																							
		VMP-32-10-101812	10/18/2012																							
		VMP-32-10-020513	2/5/2013																							
		VMP-32-10-050713	5/7/2013																							
		VMP-32-10-080213	8/2/2013																							
		VMP-32-10-082313-R	8/23/2013																							
		VMP-32-10-082313-R-DUP	8/23/2013																							
		VMP-32-10-110813	11/8/2013																							
		VMP-32-10-022814	2/28/2014																							
		VMP-32-10-050114	5/1/2014																							
		VMP-32-10-081314	8/13/2014																							
		VMP-32-10-110714	11/7/2014																							
		VMP-32-10-021015	2/10/2015																							
		VMP-32-10-051115	5/11/2015																							
		VMP-32-10-052915-R	5/29/2015																							
		VMP-32-10-110415	11/4/2015																							
		VMP-32-10-012616	1/26/2016																							
		VMP-32-10-042716	4/27/2016																							
		VMP-32-10-072616	7/26/2016																							
		VMP-32-10-102716	10/27/2016																							
	20 ft	VMP-32-20-041612	4/16/2012																							
		VMP-32-20-072012	7/20/2012																							
		VMP-32-20-101812	10/18/2012																							
		VMP-32-20-020513	2/5/2013																							
		VMP-32-20-050713	5/7/2013																							
		VMP-32-20-050713-Dup	5/7/2013																							
		VMP-32-20-080213	8/2/2013																							
		VMP-32-20-110813	11/8/2013																							
		VMP-32-20-022814	2/28/2014																							
		VMP-32-20-050514	5/5/2014																							
		VMP-32-20-081314	8/13/2014																							
		VMP-32-20-110714	11/7/2014																							
		VMP-32-20-021015	2/10/2015																							
		VMP-32-20-051115	5/11/2015																							
		VMP-32-20-080315	8/3/2015																							
		VMP-32-20-110415	11/4/2015																							
		VMP-32-20-110415-DUP	11/4/2015																							
		VMP-32-20-021616	2/16/2016																							
		VMP-32-20-042716	4/27/2016																							
		VMP-32-20-082616-R	8/29/2016																							
		VMP-32-20-102716	10/27/2016																							
	30 ft	VMP-32-30-041612	4/16/2012																							
		VMP-32-30-072012	7/20/2012																							
		VMP-32-30-101812	10/18/2012																							
		VMP-32-30-020513	2/5/2013																							
		VMP-32-30-050713	5/7/2013																							
		VMP-32-30-080213	8/2/2013																							
		VMP-32-30-110813	11/8/2013																							
		VMP-32-30-022814	2/28/2014																							
		VMP-32-30-022814-Dup	2/28/2014																							
		VMP-32-30-050114	5/1/2014																							
		VMP-32-30-081314	8/13/2014																							
		VMP-32-30-081314-DUP	8/13/2014																							
		VMP-32-30-110714	11/7/2014																							
		VMP-32-30-110714-DUP	11/7/2014																							
		VMP-32-30-021015	2/10/2015																							
		VMP-32-30-050515	5/5/2015																							
		VMP-32-30-073115	7/31/2015																							
		VMP-32-30-073115-DUP	7/31/2015																							
		VMP-32-30-082415	8/24/2015																							
		VMP-32-30-082415-DUP	8/24/2015																							
		VMP-32-30-110415	11/4/2015																							
		VMP-32-30-020216	2/2/2016																							
		VMP-32-30-042716	4/27/2016																							
		VMP-32-30-072616	7/26/2016																							
		VMP-32-30-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072712	7/27/2012																							
		VMP-41-10-100912	10/9/2012																							
		VMP-41-10-012913	1/29/2013																							
		VMP-41-10-043013	4/30/2013																							
		VMP-41-10-080213	8/2/2013																							
		VMP-41-10-102913	10/29/2013																							
		VMP-41-10-021114	2/11/2014																							
		VMP-41-10-042214	4/22/2014																							
		VMP-41-10-073114	7/31/2014																							
		VMP-41-10-102814	10/28/2014																							
		VMP-41-10-020415	2/4/2015																							
		VMP-41-10-020415-DUP	2/4/2015																							
		VMP-41-10-043015	4/30/2015																							
		VMP-41-10-072815	7/28/2015																							
		VMP-41-10-110215	11/2/2015																							
		VMP-41-10-012716	1/27/2016																							
		VMP-41-10-050216	5/2/2016																							
		VMP-41-10-072816	7/28/2016																							
		VMP-41-10-102416	10/24/2016																							
	20 ft	VMP-41-20-072712	7/27/2012																							
		VMP-41-20-072712-Dup	7/27/2012																							
		VMP-41-20-100912	10/9/2012																							
		VMP-41-20-100912-Dup	10/9/2012																							
		VMP-41-20-012913	1/29/2013																							
		VMP-41-20-043013	4/30/2013																							
		VMP-41-20-043013-Dup	4/30/2013																							
		VMP-41-20-080213	8/2/2013																							
		VMP-41-20-102913	10/29/2013																							
		VMP-41-20-021114	2/11/2014																							
		VMP-41-20-042214	4/22/2014																							
		VMP-41-20-073114	7/31/2014																							
		VMP-41-20-102814	10/28/2014																							
		VMP-41-20-020415	2/4/2015																							
		VMP-41-20-043015	4/30/2015																							
		VMP-41-20-072815	7/28/2015																							
		VMP-41-20-110215	11/3/2015																							
		VMP-41-20-012716	1/27/2016																							
		VMP-41-20-050216	5/2/2016																							
		VMP-41-20-072816	7/28/2016																							
		VMP-41-20-102416	10/24/2016																							
	26 ft	VMP-41-30-100912	10/9/2012																							
		VMP-41-30-012913	1/29/2013																							
		VMP-41-30-043013	4/30/2013																							
		VMP-41-30-080213	8/2/2013																							
		VMP-41-30-102913	10/29/2013																							
		VMP-41-30-021114	2/11/2014																							
		VMP-41-30-021114-Dup	2/11/2014																							
		VMP-41-30-042214	4/22/2014																							
		VMP-41-30-073114	7/31/2014																							
		VMP-41-30-102814	10/28/2014																							
		VMP-41-30-020415	2/4/2015																							
		VMP-41-30-043015	4/30/2015																							
		VMP-41-30-043015-DUP	4/30/2015																							
		VMP-41-30-110215	11/2/2015																							
		VMP-41-30-110215-DUP	11/2/2015																							
		VMP-41-30-012716	1/27/2016																							
		VMP-41-30-012716-DUP	1/27/2016																							
		VMP-41-30-050216	5/2/2016																							
		VMP-41-30-072816	7/28/2016																							
		VMP-41-30-072816-DUP	7/28/2016																							
		VMP-41-26-102416	10/24/2016																							
		VMP-41-30-072712	7/27/2012																							
		VMP-41-30-072815	7/28/2015																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-041812	4/18/2012																							
		VMP-42-10-041812-Dup	4/18/2012																							
		VMP-42-10-071912	7/19/2012																							
		VMP-42-10-101212	10/12/2012																							
		VMP-42-10-013113	1/31/2013																							
		VMP-42-10-043013	4/30/2013																							
		VMP-42-20-043013	4/30/2013																							
		VMP-42-10-080213	8/2/2013																							
		VMP-42-10-102913	10/29/2013																							
		VMP-42-10-020714	2/7/2014																							
		VMP-42-10-042214	4/22/2014																							
		VMP-42-10-080614	8/6/2014																							
		VMP-42-10-110414	11/4/2014																							
		VMP-42-10-020315	2/3/2015																							
		VMP-42-10-042915	4/29/2015																							
		VMP-42-10-072115	7/21/2015																							
		VMP-42-10-102715	10/27/2015																							
		VMP-42-10-020116	2/1/2016																							
		VMP-42-10-042616	4/26/2016																							
		VMP-42-10-072616	7/26/2016																							
		VMP-42-10-102716	10/27/2016																							
	20 ft	VMP-42-20-041812	4/18/2012																							
		VMP-42-20-071912	7/19/2012																							
		VMP-42-20-101212	10/12/2012																							
		VMP-42-20-101212-Dup	10/12/2012																							
		VMP-42-20-013113	1/31/2013																							
		VMP-42-20-080213	8/2/2013																							
		VMP-42-20-102913	10/29/2013																							
		VMP-42-20-020714	2/7/2014																							
		VMP-42-20-042214	4/22/2014																							
		VMP-42-20-080614	8/6/2014																							
		VMP-42-20-110414	11/4/2014																							
		VMP-42-20-020315	2/3/2015																							
		VMP-42-20-042915	4/29/2015																							
		VMP-42-20-072115	7/21/2015																							
		VMP-42-20-102715	10/27/2015																							
		VMP-42-20-020116	2/1/2016																							
		VMP-42-20-042616	4/26/2016																							
		VMP-42-20-072616	7/26/2016																							
		VMP-42-20-102676	10/27/2016																							
	30 ft	VMP-42-30-041912	4/19/2012																							
		VMP-42-30-071912	7/19/2012																							
		VMP-42-30-101212	10/12/2012																							
		VMP-42-30-101212-Dup	10/12/2012																							
		VMP-42-30-013113	1/31/2013																							
		VMP-42-30-043013	4/30/2013																							
		VMP-42-30-080213	8/2/2013																							
		VMP-42-30-102913	10/29/2013																							
		VMP-42-30-102913-Dup	10/29/2013																							
		VMP-42-30-020714	2/7/2014																							
		VMP-42-30-020714-Dup	2/7/2014																							
		VMP-42-30-042214	4/22/2014																							
		VMP-42-30-042214-Dup	4/22/2014																							
		VMP-42-30-080614	8/6/2014																							
		VMP-42-30-110414	11/4/2014																							
		VMP-42-30-020315	2/3/2015																							
		VMP-42-30-042915	4/29/2015																							
		VMP-42-30-080315	8/3/2015																							
		VMP-42-30-080315-DUP	8/3/2015																							
		VMP-42-30-102715	10/27/2015																							
		VMP-42-30-020116	2/1/2016																							
		VMP-42-30-042616	4/26/2016																							
		VMP-42-30-072616	7/26/2016																							
		VMP-42-30-102716	10/27/2016																							
		VMP-42-30-102716-Dup	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012																							
		VMP-43-10-071912	7/19/2012																							
		VMP-43-10-101612	10/16/2012																							
		VMP-43-10-051713	5/17/2013																							
		VMP-43-10-080913	8/9/2013																							
		VMP-43-10-111313	11/13/2013																							
		VMP-43-10-022714	2/27/2014																							
		VMP-43-10-050514	5/5/2014																							
		VMP-43-10-080614	8/6/2014																							
		VMP-43-10-021015	2/10/2015																							
		VMP-43-10-050515	5/5/2015																							
		VMP-43-10-072115	7/21/2015																							
		VMP-43-10-102915	10/29/2015																							
		VMP-43-10-020116	2/1/2016																							
		VMP-43-10-042716	4/27/2016																							
		VMP-43-10-072716	7/27/2016																							
		VMP-43-10-102616	10/26/2016																							
	20 ft	VMP-43-20-041612	4/16/2012																							
		VMP-43-20-071912	7/19/2012																							
		VMP-43-20-101812	10/18/2012																							
		VMP-43-20-012413	1/24/2013																							
		VMP-43-20-043013	4/30/2013																							
		VMP-43-20-080913	8/9/2013																							
		VMP-43-20-102913	10/29/2013																							
		VMP-43-20-022714	2/27/2014																							
		VMP-43-20-081314	8/13/2014																							
		VMP-43-20-110614	11/6/2014																							
		VMP-43-20-021215	2/12/2015																							
		VMP-43-20-021215-DUP	2/12/2015																							
		VMP-43-20-050515	5/5/2015																							
		VMP-43-20-072115	7/21/2015																							
		VMP-43-20-102915	10/29/2015																							
		VMP-43-20-102915-DUP	10/29/2015																							
		VMP-43-20-020116	2/1/2016																							
		VMP-43-20-042716	4/27/2016																							
		VMP-43-20-072716	7/27/2016																							
		VMP-43-20-102616	10/26/2016																							
	30 ft	VMP-43-30-042312	4/23/2012																							
		VMP-43-30-071912	7/19/2012																							
		VMP-43-30-101812	10/18/2012																							
		VMP-43-30-012413	1/24/2013																							
		VMP-43-30-043013	4/30/2013																							
		VMP-43-30-080913	8/9/2013																							
		VMP-43-30-102913	10/29/2013																							
		VMP-43-30-022714	2/27/2014																							
		VMP-43-30-022714-Dup	2/27/2014																							
		VMP-43-30-042214	4/22/2014																							
		VMP-43-30-080614	8/6/2014																							
		VMP-43-30-050515	5/5/2015																							
		VMP-43-30-050515-DUP	5/5/2015																							
		VMP-43-30-072115	7/21/2015																							
		VMP-43-30-102915	10/29/2015																							
		VMP-43-30-020116	2/1/2016																							
		VMP-43-30-042716	4/27/2016																							
		VMP-43-30-042716-DUP	4/27/2016																							
		VMP-43-30-072716	7/27/2016																							
		VMP-43-30-102616	10/26/2016																							
		VMP-43-30-102616-Dup	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-041912	4/19/2012																							
		VMP-44-10-072012	7/20/2012																							
		VMP-44-10-081012	8/10/2012																							
		VMP-44-10-101212	10/12/2012																							
		VMP-44-10-012513	1/25/2013																							
		VMP-44-10-042913	4/29/2013																							
		VMP-44-10-080213	8/2/2013																							
		VMP-44-10-082313-R	8/23/2013																							
		VMP-44-10-111113	11/11/2013																							
		VMP-44-10-022814	2/28/2014																							
		VMP-44-10-043014	4/30/2014																							
		VMP-44-10-080614	8/6/2014																							
		VMP-44-10-110414	11/4/2014																							
		VMP-44-10-020415	2/4/2015																							
		VMP-44-10-050115	5/1/2015																							
		VMP-44-10-072415	7/24/2015																							
		VMP-44-10-102815	10/28/2015																							
		VMP-44-10-012516	1/25/2016																							
		VMP-44-10-042816	4/28/2016																							
		VMP-44-10-072716	7/27/2016																							
		VMP-44-10-102716	10/27/2016																							
	20 ft	VMP-44-20-041912	4/19/2012																							
		VMP-44-20-072512	7/25/2012																							
		VMP-44-20-101212	10/12/2012																							
		VMP-44-20-012513	1/25/2013																							
		VMP-44-20-042913	4/29/2013																							
		VMP-44-20-081313	8/13/2013																							
		VMP-44-20-111113	11/11/2013																							
		VMP-44-20-022814	2/28/2014																							
		VMP-44-20-043014	4/30/2014																							
		VMP-44-20-080614	8/6/2014																							
		VMP-44-20-110414	11/4/2014																							
		VMP-44-20-020415	2/4/2015																							
		VMP-44-20-051115	5/11/2015																							
		VMP-44-20-072415	7/24/2015																							
		VMP-44-20-102815	10/28/2015																							
		VMP-44-20-020216-R	2/2/2016																							
		VMP-44-20-042816	4/28/2016																							
		VMP-44-20-072716	7/27/2016																							
		VMP-44-20-102716	10/27/2016																							
	30 ft	VMP-44-30-041912	4/19/2012																							
		VMP-44-30-072512	7/25/2012																							
		VMP-44-30-072512-Dup	7/25/2012																							
		VMP-44-30-101512	10/15/2012																							
		VMP-44-30-101512-Dup	10/15/2012																							
		VMP-44-30-012513	1/25/2013																							
		VMP-44-30-043013	4/30/2013																							
		VMP-44-30-081313	8/13/2013																							
		VMP-44-30-111113	11/11/2013																							
		VMP-44-30-022814	2/28/2014																							
		VMP-44-30-043014	4/30/2014																							
		VMP-44-30-080614	8/6/2014																							
		VMP-44-30-110414	11/4/2014																							
		VMP-44-30-020415	2/4/2015																							
		VMP-44-30-051115	5/11/2015																							
		VMP-44-30-072415	7/24/2015																							
		VMP-44-30-102815	10/28/2015																							
		VMP-44-30-012516	1/25/2016																							
		VMP-44-30-050516	5/5/2016																							
		VMP-44-30-072716	7/27/2016																							
		VMP-44-30-102716	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-45	10 ft	VMP-45-10-041912	4/19/2012																							
		VMP-45-10-071912	7/19/2012																							
		VMP-45-10-101512	10/15/2012																							
		VMP-45-10-013013	1/30/2013																							
		VMP-45-10-042913	4/29/2013																							
		VMP-45-10-080513	8/5/2013																							
		VMP-45-10-102913	10/29/2013																							
		VMP-45-10-020714	2/7/2014																							
		VMP-45-10-042214	4/22/2014																							
		VMP-45-10-080114	8/1/2014																							
		VMP-45-10-102414	10/24/2014																							
		VMP-45-10-020615	2/6/2015																							
		VMP-45-10-051215	5/12/2015																							
		VMP-45-10-072115	7/21/2015																							
		VMP-45-10-102815	10/28/2015																							
		VMP-45-10-030916-R	3/9/2016																							
		VMP-45-10-042816	4/28/2016																							
		VMP-45-10-082616	8/26/2016																							
		VMP-45-10-102816	10/28/2016																							
	20 ft	VMP-45-20-041912	4/19/2012																							
		VMP-45-20-071912	7/19/2012																							
		VMP-45-20-101512	10/15/2012																							
		VMP-45-20-013013	1/30/2013																							
		VMP-45-20-042913	4/29/2013																							
		VMP-45-20-042913-Dup	4/29/2013																							
		VMP-45-20-080513	8/5/2013																							
		VMP-45-20-102913	10/29/2013																							
		VMP-45-20-020714	2/7/2014																							
		VMP-45-20-042214	4/22/2014																							
		VMP-45-20-080114	8/1/2014																							
		VMP-45-20-102414	10/24/2014																							
		VMP-45-20-020615	2/6/2015																							
		VMP-45-20-042915	4/29/2015																							
		VMP-45-20-072115	7/21/2015																							
		VMP-45-20-102815	10/28/2015																							
		VMP-45-20-012516	1/25/2016																							
		VMP-45-20-042816	4/28/2016																							
		VMP-45-20-072716	7/27/2016																							
		VMP-45-20-102816	10/28/2016																							
	30 ft	VMP-45-30-041912	4/19/2012																							
		VMP-45-30-071912	7/19/2012																							
		VMP-45-30-101512	10/15/2012																							
		VMP-45-30-101512-Dup	10/15/2012																							
		VMP-45-30-013013	1/30/2013																							
		VMP-45-30-042913	4/29/2013																							
		VMP-45-30-080513	8/5/2013																							
		VMP-45-30-102913	10/29/2013																							
		VMP-45-30-020714	2/7/2014																							
		VMP-45-30-042214	4/22/2014																							
		VMP-45-30-080114	8/1/2014																							
		VMP-45-30-102414	10/24/2014																							
		VMP-45-30-111214-R	11/12/2014																							
		VMP-45-30-020615	2/6/2015																							
		VMP-45-30-020615-DUP	2/6/2015																							
		VMP-45-30-042915	4/29/2015																							
		VMP-45-30-072115	7/21/2015																							
		VMP-45-30-072115-DUP	7/21/2015																							
		VMP-45-30-102815	10/28/2015																							
		VMP-45-30-012516	1/25/2016																							
		VMP-45-30-042816	4/28/2016																							
		VMP-45-30-042816-DUP	4/28/2016																							
		VMP-45-30-072716	7/27/2016																							
		VMP-45-30-102816	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	13																							
		VMP-47-5-012313-R	1/23/2013																								
		VMP-47-5-060513	6/5/2013																								
		VMP-47-5-072613	7/26/2013																								
		VMP-47-5-110813	11/8/2013																								
		VMP-47-5-021814	2/18/2014																								
		VMP-47-5-042914	4/29/2014																								
		VMP-47-5-081314	8/13/2014																								
		VMP-47-5-093014-R	9/30/2014																								
		VMP-47-5-102814	10/28/2014																								
		VMP-47-5-020215	2/2/2015																								
		VMP-47-5-042815	4/28/2015																								
		VMP-47-5-072115	7/21/2015																								
		VMP-47-5-102715	10/27/2015																								
		VMP-47-5-012916	1/29/2016																								
		VMP-47-5-042516	4/25/2016																								
		VMP-47-5-072516	7/25/2016																								
		VMP-47-5-102616	10/26/2016																								
	10 ft	VMP-47-10-012113	1/21/2013																								
		VMP-47-10-012313-R	1/23/2013																								
		VMP-47-10-060513	6/5/2013																								
		VMP-47-10-072613	7/26/2013																								
		VMP-47-10-110813	11/8/2013																								
		VMP-47-10-021814	2/18/2014																								
		VMP-47-10-042914	4/29/2014																								
		VMP-47-10-073114	7/31/2014																								
		VMP-47-10-102814	10/28/2014																								
		VMP-47-10-020215	2/2/2015																								
		VMP-47-10-042815	4/28/2015																								
		VMP-47-10-072115	7/21/2015																								
		VMP-47-10-102715	10/27/2015																								
		VMP-47-10-012916	1/29/2016																								
		VMP-47-10-042516	4/25/2016																								
		VMP-47-10-080216	8/2/2016																								
		VMP-47-10-102616	10/26/2016																								
	20 ft	VMP-47-20-012113	1/21/2013																								
		VMP-47-20-012313-R	1/23/2013																								
		VMP-47-20-060513	6/5/2013																								
		VMP-47-20-060513-Dup	6/5/2013																								
		VMP-47-20-072613	7/26/2013																								
		VMP-47-20-110813	11/8/2013																								
		VMP-47-20-021914	2/19/2014																								
		VMP-47-20-042914	4/29/2014																								
		VMP-47-20-073114	7/31/2014																								
		VMP-47-20-102814	10/28/2014																								
		VMP-47-20-020215	2/2/2015																								
		VMP-47-20-042815	4/28/2015																								
		VMP-47-20-072115	7/21/2015																								
		VMP-47-20-102715	10/27/2015																								
		VMP-47-20-012916	1/29/2016																								
		VMP-47-20-042516	4/25/2016																								
		VMP-47-20-072516	7/25/2016																								
		VMP-47-20-102616	10/26/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-47	30 ft	VMP-47-30-012113	1/21/2013							63000																
		VMP-47-30-012313-R	1/23/2013																							
		VMP-47-30-060513	6/5/2013																							
		VMP-47-30-072613	7/26/2013																							
		VMP-47-30-110813	11/8/2013																							
		VMP-47-30-021914	2/19/2014																							
		VMP-47-30-042914	4/29/2014																							
		VMP-47-30-042914-Dup	4/29/2014																							
		VMP-47-30-073114	7/31/2014																							
		VMP-47-30-073114-Dup	7/31/2014																							
		VMP-47-30-102814	10/28/2014																							
		VMP-47-30-102814-DUP	10/28/2014																							
		VMP-47-30-020215	2/2/2015																							
		VMP-47-30-020215-DUP	2/2/2015																							
		VMP-47-30-042815	4/28/2015																							
		VMP-47-30-042815-DUP	4/28/2015																							
		VMP-47-30-072115	7/21/2015																							
		VMP-47-30-102715	10/27/2015																							
		VMP-47-30-102715-DUP	10/27/2015																							
		VMP-47-30-012916-DUP	1/29/2016																							
		VMP-47-30-042516	4/25/2016																							
		VMP-47-30-042516-DUP	4/25/2016																							
		VMP-47-30-072516	7/25/2016																							
		VMP-47-30-102616	10/26/2016																							
VMP-48	5 ft	VMP-48-5-020113	2/1/2013																							
		VMP-48-5-050313	5/3/2013																							
		VMP-48-5-080613	8/6/2013																							
		VMP-48-5-110513	11/5/2013																							
		VMP-48-5-022814	2/28/2014																							
		VMP-48-5-042814	4/28/2014																							
		VMP-48-5-080114	8/1/2014																							
		VMP-48-05-102914	10/29/2014																							
		VMP-48-5-020215	2/2/2015																							
		VMP-48-5-042815	4/28/2015																							
		VMP-48-5-072115	7/21/2015																							
		VMP-48-5-102015	10/20/2015																							
		VMP-48-5-012916	1/29/2016																							
		VMP-48-5-042516	4/25/2016																							
		VMP-48-5-072516	7/25/2016																							
		VMP-48-5-102616	10/26/2016																							
	10 ft	VMP-48-10-020113	2/1/2013																							
		VMP-48-10-050813	5/8/2013																							
		VMP-48-10-080613	8/6/2013																							
		VMP-48-10-103113	10/31/2013																							
		VMP-48-10-021814	2/18/2014																							
		VMP-48-10-042814	4/28/2014																							
		VMP-48-10-080114	8/1/2014																							
		VMP-48-10-102914	10/29/2014																							
		VMP-48-10-020215	2/2/2015																							
		VMP-48-10-042815	4/28/2015																							
		VMP-48-10-042815-DUP	4/28/2015																							
		VMP-48-10-072115	7/21/2015																							
		VMP-48-10-102015	10/20/2015																							
		VMP-48-10-012916	1/29/2016																							
		VMP-48-10-042516	4/25/2016																							
		VMP-48-10-072516	7/25/2016																							
		VMP-48-10-102616	10/26/2016																							
	20 ft	VMP-48-20-020113	2/1/2013																							
		VMP-48-20-103113	10/31/2013																							
		VMP-48-20-021814	2/18/2014																							
		VMP-48-20-042814	4/28/2014																							
		VMP-48-20-080114	8/1/2014																							
		VMP-48-20-102914	10/29/2014																							
		VMP-48-20-111814-R	11/18/2014																							
		VMP-48-20-020215	2/2/2015																							
		VMP-48-20-042815	4/28/2015																							
		VMP-48-20-102015	10/20/2015																							
		VMP-48-20-042516	4/25/2016																							
		VMP-48-20-102616	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-48	30 ft	VMP-48-30-020113	2/1/2013																							
		VMP-48-30-020113-DUP	2/1/2013																							
		VMP-48-30-050313	5/3/2013																							
		VMP-48-30-080613	8/6/2013																							
		VMP-48-30-110513	11/5/2013																							
		VMP-48-30-021814	2/18/2014																							
		VMP-48-30-042814	4/28/2014																							
		VMP-48-30-042814-DUP	4/28/2014																							
		VMP-48-30-080114	8/1/2014																							
		VMP-48-30-080114-Dup	8/1/2014																							
		VMP-48-30-102914	10/29/2014																							
		VMP-48-30-111814-R	11/18/2014																							
		VMP-48-30-020215	2/2/2015																							
		VMP-48-30-042815	4/28/2015																							
		VMP-48-30-080315	8/3/2015																							
		VMP-48-30-102015	10/20/2015																							
		VMP-48-30-102015-DUP	10/20/2015																							
		VMP-48-30-012916	1/29/2016																							
		VMP-48-30-042516	4/25/2016																							
		VMP-48-30-042516-DUP	4/25/2016																							
		VMP-48-30-072516	7/25/2016																							
		VMP-48-30-102616	10/26/2016																							
		VMP-48-30-102616-Dup	10/26/2016																							
VMP-49	5 ft	VMP-49-5-020113	2/1/2013																							
		VMP-49-5-050713	5/7/2013																							
		VMP-49-5-080613	8/6/2013																							
		VMP-49-5-111113	11/11/2013																							
		VMP-49-5-021814	2/18/2014																							
		VMP-49-5-042814	4/28/2014																							
		VMP-49-5-080114	8/1/2014																							
		VMP-49-5-102914	10/29/2014																							
		VMP-49-5-102914-DUP	10/29/2014																							
		VMP-49-5-020215	2/3/2015																							
		VMP-49-5-042815	4/28/2015																							
		VMP-49-5-073015	7/30/2015																							
		VMP-49-5-110315	11/3/2015																							
		VMP-49-5-020116	2/1/2016																							
		VMP-49-5-042616	4/26/2016																							
		VMP-49-5-080116	8/1/2016																							
		VMP-49-5-102716	10/27/2016																							
	10 ft	VMP-49-10-020113	2/1/2013																							
		VMP-49-10-050713	5/7/2013																							
		VMP-49-10-050713-Dup	5/7/2013																							
		VMP-49-10-080613	8/6/2013																							
		VMP-49-10-103113	10/31/2013																							
		VMP-49-10-021814	2/18/2014																							
		VMP-49-10-042814	4/28/2014																							
		VMP-49-10-080114	8/1/2014																							
		VMP-49-10-102914	10/29/2014																							
		VMP-49-10-020215	2/3/2015																							
		VMP-49-10-042815	4/28/2015																							
		VMP-49-10-073015	7/30/2015																							
		VMP-49-10-110315	11/3/2015																							
		VMP-49-10-020116	2/1/2016																							
		VMP-49-10-042616	4/26/2016																							
		VMP-49-10-080116	8/1/2016																							
		VMP-49-10-102716	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-49	20 ft	VMP-49-20-020113	2/1/2013																							
		VMP-49-20-050913	5/9/2013																							
		VMP-49-20-080613	8/6/2013																							
		VMP-49-20-080613-Dup	8/6/2013																							
		VMP-49-20-111113	11/11/2013																							
		VMP-49-20-021814	2/18/2014																							
		VMP-49-20-042814	4/28/2014																							
		VMP-49-20-080114	8/1/2014																							
		VMP-49-20-102914	10/29/2014																							
		VMP-49-20-020215	2/3/2015																							
		VMP-49-20-073015	7/30/2015																							
		VMP-49-20-110315	11/3/2015																							
		VMP-49-20-020116	2/1/2016																							
		VMP-49-20-042616	4/26/2016																							
		VMP-49-20-080116	8/1/2016																							
		VMP-49-20-102716	10/27/2016																							
	30 ft	VMP-49-30-020113	2/1/2013																							
		VMP-49-30-050813	5/8/2013																							
		VMP-49-30-080613	8/6/2013																							
		VMP-49-30-111113	11/11/2013																							
		VMP-49-30-021814	2/18/2014																							
		VMP-49-30-021814-Dup	2/18/2014																							
		VMP-49-30-042814	4/28/2014																							
		VMP-49-30-080114	8/1/2014																							
		VMP-49-30-102914	10/29/2014																							
		VMP-49-30-020215	2/3/2015																							
		VMP-49-30-042815	4/28/2015																							
		VMP-49-30-073015	7/30/2015																							
		VMP-49-30-073015-DUP	7/30/2015																							
		VMP-49-30-110315	11/3/2015																							
		VMP-49-30-110315-DUP	11/3/2015																							
		VMP-49-30-020116	2/1/2016																							
		VMP-49-30-020116-DUP	2/1/2016																							
		VMP-49-30-042716	4/27/2016																							
		VMP-49-30-042716-DUP	4/27/2016																							
		VMP-49-30-080116	8/1/2016																							
		VMP-49-30-080116-DUP	8/1/2016																							
		VMP-49-30-102716	10/27/2016																							
VMP-50	5 ft	VMP-50-5-020113	2/1/2013																							
		VMP-50-5-050713	5/7/2013																							
		VMP-50-5-080713	8/7/2013																							
		VMP-50-5-110713	11/7/2013																							
		VMP-50-5-022614	2/26/2014																							
		VMP-50-5-043014	4/30/2014																							
		VMP-50-5-081414	8/14/2014																							
		VMP-50-5-110614	11/6/2014																							
		VMP-50-5-021015	2/10/2015																							
		VMP-50-5-050515	5/5/2015																							
		VMP-50-5-073015	7/30/2015																							
		VMP-50-5-110315	11/3/2015																							
		VMP-50-5-020216	2/2/2016																							
		VMP-50-5-050316	5/3/2016																							
		VMP-50-5-080216	8/2/2016																							
		VMP-50-5-103116	10/31/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-50	10 ft	VMP-50-10-020113	2/1/2013																							
		VMP-50-10-050713	5/7/2013																							
		VMP-50-10-080713	8/7/2013																							
		VMP-50-10-080713-Dup	8/7/2013																							
		VMP-50-10-110713	11/7/2013																							
		VMP-50-10-022614	2/26/2014																							
		VMP-50-10-043014	4/30/2014																							
		VMP-50-10-081414	8/14/2014																							
		VMP-50-10-110614	11/6/2014																							
		VMP-50-10-021015	2/10/2015																							
		VMP-50-10-050515	5/5/2015																							
		VMP-50-10-073015	7/30/2015																							
		VMP-50-10-110315	11/3/2015																							
		VMP-50-10-020216	2/2/2016																							
		VMP-50-10-050316	5/3/2016																							
		VMP-50-10-082616	8/26/2016																							
		VMP-50-10-103116	10/31/2016																							
	20 ft	VMP-50-20-020113	2/1/2013																							
		VMP-50-20-050713	5/7/2013																							
		VMP-50-20-080713	8/7/2013																							
		VMP-50-20-110713	11/7/2013																							
		VMP-50-20-110713-Dup	11/7/2013																							
		VMP-50-20-022614	2/26/2014																							
		VMP-50-20-043014	4/30/2014																							
		VMP-50-20-081414	8/14/2014																							
		VMP-50-20-110614	11/6/2014																							
		VMP-50-20-021015	2/10/2015																							
		VMP-50-20-050515	5/5/2015																							
		VMP-50-20-073015	7/30/2015																							
		VMP-50-20-110315	11/3/2015																							
		VMP-50-20-020216	2/2/2016																							
		VMP-50-20-050316	5/3/2016																							
		VMP-50-20-082616	8/26/2016																							
		VMP-50-20-103116	10/31/2016																							
	30 ft	VMP-50-30-020113	2/1/2013																							
		VMP-50-30-050713	5/7/2013																							
		VMP-50-30-080713	8/7/2013																							
		VMP-50-30-110713	11/7/2013																							
		VMP-50-30-022614	2/26/2014																							
		VMP-50-30-022614-Dup	2/26/2014																							
		VMP-50-30-043014	4/30/2014																							
		VMP-50-30-043014-DUP	4/30/2014																							
		VMP-50-30-081414	8/14/2014																							
		VMP-50-30-081414-Dup	8/14/2014																							
		VMP-50-30-110614	11/6/2014																							
		VMP-50-30-110614-DUP	11/6/2014																							
		VMP-50-30-021015	2/10/2015																							
		VMP-50-30-050515	5/5/2015																							
		VMP-50-30-061515-R	6/15/2015																							
		VMP-50-30-073015	7/30/2015																							
		VMP-50-30-110315	11/3/2015																							
		VMP-50-30-020216	2/2/2016																							
		VMP-50-30-020216-DUP	2/2/2016																							
		VMP-50-30-050316	5/3/2016																							
		VMP-50-30-080216	8/2/2016																							
		VMP-50-30-103116	10/31/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013																							
		VMP-51-5-050213	5/2/2013																							
		VMP-51-5-080713	8/7/2013																							
		VMP-51-5-103013	10/30/2013																							
		VMP-51-5-021814	2/18/2014																							
		VMP-51-5-042814	4/28/2014																							
		VMP-51-5-080114	8/1/2014																							
		VMP-51-05-102914	10/29/2014																							
		VMP-51-5-020315	2/3/2015																							
		VMP-51-5-042915	4/29/2015																							
		VMP-51-5-072115	7/21/2015																							
		VMP-51-5-102815	10/28/2015																							
		VMP-51-5-012516	1/25/2016																							
		VMP-51-5-042816	4/28/2016																							
		VMP-51-5-072716	7/27/2016																							
		VMP-51-5-101916	10/19/2016																							
	10 ft	VMP-51-10-020113	2/1/2013																							
		VMP-51-10-050213	5/2/2013																							
		VMP-51-10-080713	8/7/2013																							
		VMP-51-10-103013	10/30/2013																							
		VMP-51-10-021814	2/18/2014																							
		VMP-51-10-042814	4/28/2014																							
		VMP-51-10-080114	8/1/2014																							
		VMP-51-10-102914	10/29/2014																							
		VMP-51-10-020315	2/3/2015																							
		VMP-51-10-042915	4/29/2015																							
		VMP-51-10-072115	7/21/2015																							
		VMP-51-10-102815	10/28/2015																							
		VMP-51-10-012516	1/25/2016																							
		VMP-51-10-042816	4/28/2016																							
		VMP-51-10-042816-DUP	4/28/2016																							
		VMP-51-10-072716	7/27/2016																							
		VMP-51-10-101916	10/19/2016																							
	20 ft	VMP-51-20-021513-R	2/15/2013																							
		VMP-51-20-050213	5/2/2013																							
		VMP-51-20-080713	8/7/2013																							
		VMP-51-20-103013	10/30/2013																							
		VMP-51-20-021814	2/18/2014																							
		VMP-51-20-042814	4/28/2014																							
		VMP-51-20-080114	8/1/2014																							
		VMP-51-20-102914	10/29/2014																							
		VMP-51-20-020315	2/3/2015																							
		VMP-51-20-042915	4/29/2015																							
		VMP-51-20-072115	7/21/2015																							
		VMP-51-20-102815	10/28/2015																							
		VMP-51-20-012516	1/25/2016																							
		VMP-51-20-042816	4/28/2016																							
		VMP-51-20-052516-R	5/25/2016																							
		VMP-51-20-072716	7/27/2016																							
		VMP-51-20-101916-Dup	10/19/2016																							
		VMP-51-20-101916	10/19/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-51	30 ft	VMP-51-30-020413	2/4/2013																							
		VMP-51-30-020413-DUP	2/4/2013																							
		VMP-51-30-050213	5/2/2013																							
		VMP-51-30-080713	8/7/2013																							
		VMP-51-30-103013	10/30/2013																							
		VMP-51-30-021814	2/18/2014																							
		VMP-51-30-042814	4/28/2014																							
		VMP-51-30-080114	8/1/2014																							
		VMP-51-30-102914	10/29/2014																							
		VMP-51-30-102914-DUP	10/29/2014																							
		VMP-51-30-020315	2/3/2015																							
		VMP-51-30-020315-DUP	2/3/2015																							
		VMP-51-30-042915	4/29/2015																							
		VMP-51-30-042915-DUP	4/29/2015																							
		VMP-51-30-072115	7/21/2015																							
		VMP-51-30-102815	10/28/2015																							
		VMP-51-30-012516	1/25/2016																							
		VMP-51-30-012516-DUP	1/25/2016																							
		VMP-51-30-042816	4/28/2016																							
		VMP-51-30-072716	7/27/2016																							
		VMP-51-30-072716-DUP	7/27/2016																							
		VMP-51-30-101916	10/19/2016																							
VMP-52	5 ft	VMP-52-5-020413	2/4/2013																							
		VMP-52-5-050213	5/2/2013																							
		VMP-52-5-050213-Dup	5/2/2013																							
		VMP-52-5-080713	8/7/2013																							
		VMP-52-5-103013	10/30/2013																							
		VMP-52-5-022114	2/21/2014																							
		VMP-52-5-050514	5/5/2014																							
		VMP-52-5-050514-Dup	5/5/2014																							
		VMP-52-5-080114	8/1/2014																							
		VMP-52-5-103114	10/31/2014																							
		VMP-52-5-020415	2/4/2015																							
		VMP-52-5-042915	4/29/2015																							
		VMP-52-5-072715	7/27/2015																							
		VMP-52-5-102915	10/29/2015																							
		VMP-52-5-012516	1/25/2016																							
		VMP-52-5-042516	4/25/2016																							
		VMP-52-5-072716	7/27/2016																							
		VMP-52-5-102716	10/27/2016																							
	10 ft	VMP-52-10-020413	2/4/2013																							
		VMP-52-10-051613	5/16/2013																							
		VMP-52-10-080713	8/7/2013																							
		VMP-52-10-103013	10/30/2013																							
		VMP-52-10-022114	2/21/2014																							
		VMP-52-10-080114	8/1/2014																							
		VMP-52-10-103114	10/31/2014																							
		VMP-52-10-020415	2/4/2015																							
		VMP-52-10-042915	4/29/2015																							
		VMP-52-10-072715	7/27/2015																							
		VMP-52-10-102915	10/29/2015																							
		VMP-52-10-012516	1/25/2016																							
		VMP-52-10-042516	4/25/2016																							
		VMP-52-10-072716	7/27/2016																							
		VMP-52-10-102716	10/27/2016																							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-52	20 ft	VMP-52-20-020413	2/4/2013																							
		VMP-52-20-020413-DUP	2/4/2013																							
		VMP-52-20-050213	5/2/2013																							
		VMP-52-20-080713	8/7/2013																							
		VMP-52-20-103013	10/30/2013																							
		VMP-52-20-022114	2/21/2014																							
		VMP-52-20-042914	4/29/2014																							
		VMP-52-20-082014-R	8/20/2014																							
		VMP-52-20-103114	10/31/2014																							
		VMP-52-20-020415	2/4/2015																							
		VMP-52-20-042915	4/29/2015																							
		VMP-52-20-072715	7/27/2015																							
		VMP-52-20-102915	10/29/2015																							
		VMP-52-20-012516	1/25/2016																							
		VMP-52-20-042516	4/25/2016																							
		VMP-52-20-072716	7/27/2016																							
		VMP-52-20-102716	10/27/2016																							
	30 ft	VMP-52-30-020413	2/4/2013																							
		VMP-52-30-050613	5/6/2013																							
		VMP-52-30-080713	8/7/2013																							
		VMP-52-30-103013	10/30/2013																							
		VMP-52-30-022114	2/21/2014																							
		VMP-52-30-022114-Dup	2/21/2014																							
		VMP-52-30-042914	4/29/2014																							
		VMP-52-30-042914-DUP	4/29/2014																							
		VMP-52-30-080114	8/1/2014																							
		VMP-52-30-080114-Dup	8/1/2014																							
		VMP-52-30-103114	10/31/2014																							
		VMP-52-30-020415	2/4/2015																							
		VMP-52-30-020415-DUP	2/4/2015																							
		VMP-52-30-042915	4/29/2015																							
		VMP-52-30-072715	7/27/2015																							
		VMP-52-30-102915	10/29/2015																							
		VMP-52-30-020216-R	2/2/2016																							
		VMP-52-30-042516	4/25/2016																							
		VMP-52-30-072716	7/27/2016																							
		VMP-52-30-102716	10/27/2016																							
VMP-53	5 ft	VMP-53-5-020513	2/5/2013																							
		VMP-53-5-050213	5/2/2013																							
		VMP-53-5-071113-R	7/11/2013																							
		VMP-53-5-080613	8/6/2013																							
		VMP-53-5-103013	10/30/2013																							
		VMP-53-5-022114	2/21/2014																							
		VMP-53-5-042514	4/25/2014																							
		VMP-53-5-073014	7/30/2014																							
		VMP-53-5-102914	10/29/2014																							
		VMP-53-5-020415	2/4/2015																							
		VMP-53-5-050415	5/4/2015																							
		VMP-53-5-072415	7/24/2015																							
		VMP-53-5-102815	10/28/2015																							
		VMP-53-5-012816	1/28/2016																							
		VMP-53-5-042816	4/28/2016																							
		VMP-53-5-072916	7/29/2016																							
		VMP-53-5-102516	10/25/2016																							
		VMP-53-5-120916	12/9/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-53	10 ft	VMP-53-10-020513	2/5/2013																							
		VMP-53-10-020513-DUP	2/5/2013																							
		VMP-53-10-050313	5/3/2013																							
		VMP-53-10-071113-R	7/11/2013																							
		VMP-53-10-080613	8/6/2013																							
		VMP-53-10-080613-Dup	8/6/2013																							
		VMP-53-10-103013	10/30/2013																							
		VMP-53-10-022114	2/21/2014																							
		VMP-53-10-042514	4/25/2014																							
		VMP-53-10-073014	7/30/2014																							
		VMP-53-10-102914	10/29/2014																							
		VMP-53-10-020415	2/4/2015																							
		VMP-53-10-050415	5/4/2015																							
		VMP-53-10-072415	7/24/2015																							
		VMP-53-10-102815	10/28/2015																							
		VMP-53-10-012816	1/28/2016																							
		VMP-53-10-042816	4/28/2016																							
		VMP-53-10-082616	8/26/2016																							
		VMP-53-10-102516	10/25/2016																							
		VMP-53-10-120916	12/9/2016																							
	20 ft	VMP-53-20-020513	2/5/2013																							
		VMP-53-20-050313	5/3/2013																							
		VMP-53-20-071113-R	7/11/2013																							
		VMP-53-20-080613	8/6/2013																							
		VMP-53-20-103013	10/30/2013																							
		VMP-53-20-103013-Dup	10/30/2013																							
		VMP-53-20-022114	2/21/2014																							
		VMP-53-20-042514	4/25/2014																							
		VMP-53-20-073014	7/30/2014																							
		VMP-53-20-102914	10/29/2014																							
		VMP-53-20-020415	2/4/2015																							
		VMP-53-20-050415	5/4/2015																							
		VMP-53-20-072415	7/24/2015																							
		VMP-53-20-102815	10/28/2015																							
		VMP-53-20-021616	2/16/2016																							
		VMP-53-20-042816	4/28/2016																							
		VMP-53-20-072916	7/29/2016																							
		VMP-53-20-102516	10/25/2016																							
		VMP-53-20-120916	12/9/2016																							
	30 ft	VMP-53-30-020513	2/5/2013																							
		VMP-53-30-050313	5/3/2013																							
		VMP-53-30-071113-R	7/11/2013																							
		VMP-53-30-080613	8/6/2013																							
		VMP-53-30-103013	10/30/2013																							
		VMP-53-30-022114	2/21/2014																							
		VMP-53-30-042514	4/25/2014																							
		VMP-53-30-042514-DUP	4/25/2014																							
		VMP-53-30-073014	7/30/2014																							
		VMP-53-30-073014-Dup	7/30/2014																							
		VMP-53-30-102914	10/29/2014																							
		VMP-53-30-020415	2/4/2015																							
		VMP-53-30-050415	5/4/2015																							
		VMP-53-30-072415	7/24/2015																							
		VMP-53-30-102815	10/28/2015																							
		VMP-53-30-012816	1/28/2016																							
		VMP-53-30-042816	4/28/2016																							
		VMP-53-30-052516-R	5/25/2016																							
		VMP-53-30-072916	7/29/2016																							
		VMP-53-30-102516	10/25/2016																							
		VMP-53-30-120916	12/9/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-020613	2/6/2013																							
		VMP-54-5-050213	5/2/2013																							
		VMP-54-5-080613	8/6/2013																							
		VMP-54-5-103013	10/30/2013																							
		VMP-54-5-021014	2/10/2014																							
		VMP-54-5-042514	4/25/2014																							
		VMP-54-5-073014	7/30/2014																							
		VMP-54-5-102914	10/29/2014																							
		VMP-54-5-020515	2/5/2015																							
		VMP-54-5-050415	5/4/2015																							
		VMP-54-5-072415	7/24/2015																							
		VMP-54-5-102715	10/27/2015																							
		VMP-54-5-012816	1/28/2016																							
		VMP-54-5-042916	4/29/2016																							
		VMP-54-5-080116	8/1/2016																							
		VMP-54-5-102816	10/28/2016																							
	10 ft	VMP-54-10-020613	2/6/2013																							
		VMP-54-10-050213	5/2/2013																							
		VMP-54-10-080613	8/6/2013																							
		VMP-54-10-103013	10/30/2013																							
		VMP-54-10-021014	2/10/2014																							
		VMP-54-10-050814-R	5/8/2014																							
		VMP-54-10-073014	7/30/2014																							
		VMP-54-10-102914	10/29/2014																							
		VMP-54-10-020515	2/5/2015																							
		VMP-54-10-050415	5/4/2015																							
		VMP-54-10-072415	7/24/2015																							
		VMP-54-10-102715	10/27/2015																							
		VMP-54-10-012816	1/28/2016																							
		VMP-54-10-042916	4/29/2016																							
		VMP-54-10-080116	8/1/2016																							
		VMP-54-10-102816	10/28/2016																							
	20 ft	VMP-54-20-020613	2/6/2013																							
		VMP-54-20-020613-DUP	2/6/2013																							
		VMP-54-20-050213	5/2/2013																							
		VMP-54-20-080613	8/6/2013																							
		VMP-54-20-103013	10/30/2013																							
		VMP-54-20-021014	2/10/2014																							
		VMP-54-20-042514	4/25/2014																							
		VMP-54-20-073014	7/30/2014																							
		VMP-54-20-102914	10/29/2014																							
		VMP-54-20-020515	2/5/2015																							
		VMP-54-20-050415	5/4/2015																							
		VMP-54-20-072415	7/24/2015																							
		VMP-54-20-102715	10/27/2015																							
		VMP-54-20-102715-DUP	10/27/2015																							
		VMP-54-20-012816	1/28/2016																							
		VMP-54-20-050516	5/5/2016																							
		VMP-54-20-050516-DUP	5/5/2016																							
		VMP-54-20-080116	8/1/2016																							
		VMP-54-20-102816	10/28/2016																							
	30 ft	VMP-54-30-020613	2/6/2013																							
		VMP-54-30-020613-DUP	2/6/2013																							
		VMP-54-30-050213	5/2/2013																							
		VMP-54-30-050213-Dup	5/2/2013																							
		VMP-54-30-103013	10/30/2013																							
		VMP-54-30-021014	2/10/2014																							
		VMP-54-30-042514	4/25/2014																							
		VMP-54-30-073014	7/30/2014																							
		VMP-54-30-110614-R	11/6/2014																							
		VMP-54-30-021215	2/12/2015																							
		VMP-54-30-050415	5/4/2015																							
		VMP-54-30-080315	8/3/2015																							
		VMP-54-30-102715	10/27/2015																							
		VMP-54-30-012816	1/28/2016																							
		VMP-54-30-042916	4/29/2016																							
		VMP-54-30-042916-DUP	4/29/2016																							
		VMP-54-30-080116	8/1/2016																							
		VMP-54-30-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-110414	11/4/2014																							
		VMP-55-5-110414-DUP	11/4/2014																							
		VMP-55-5-020515	2/5/2015																							
		VMP-55-5-050615	5/6/2015																							
		VMP-55-5-110215	11/2/2015																							
		VMP-55-5-020416	2/4/2016																							
		VMP-55-5-082616	8/26/2016																							
	20 ft	VMP-55-20-021513	2/15/2013																							
		VMP-55-20-050113	5/1/2013																							
		VMP-55-20-080713	8/7/2013																							
		VMP-55-20-110813	11/8/2013																							
		VMP-55-20-021814	2/18/2014																							
		VMP-55-20-050514	5/5/2014																							
		VMP-55-20-050514-Dup	5/5/2014																							
		VMP-55-20-081314	8/13/2014																							
		VMP-55-20-110414	11/4/2014																							
		VMP-55-20-020515	2/5/2015																							
		VMP-55-20-050615	5/6/2015																							
		VMP-55-20-072915	7/29/2015																							
		VMP-55-20-072915-DUP	7/29/2015																							
		VMP-55-20-110215	11/2/2015																							
		VMP-55-20-020416	2/4/2016																							
		VMP-55-20-020416-DUP	2/4/2016																							
		VMP-55-20-050416	5/4/2016																							
		VMP-55-20-080316	8/3/2016																							
		VMP-55-20-110116	11/1/2016																							
	30 ft	VMP-55-30-030915	3/9/2015																							
		VMP-55-30-050615	5/6/2015																							
		VMP-55-30-050615-DUP	5/6/2015																							
		VMP-55-30-061515-Dup-R	6/15/2015																							
		VMP-55-30-061515-R	6/15/2015																							
VMP-56	10 ft	VMP-56-10-050114	5/1/2014																							
		VMP-56-10-081214	8/12/2014																							
		VMP-56-10-110514	11/5/2014																							
		VMP-56-10-021015	2/10/2015																							
		VMP-56-10-110315	11/3/2015																							
		VMP-56-10-020416	2/4/2016																							
		VMP-56-10-050516	5/5/2016																							
		VMP-56-10-072716	7/27/2016																							
		VMP-56-10-102416	10/24/2016																							
	25 ft	VMP-56-25-050114	5/1/2014																							
		VMP-56-25-081214	8/12/2014																							
		VMP-56-25-110514	11/5/2014																							
		VMP-56-25-021015	2/10/2015																							
		VMP-56-25-050715	5/7/2015																							
		VMP-56-25-073115	7/31/2015																							
		VMP-56-25-110315	11/3/2015																							
		VMP-56-25-020416	2/4/2016																							
		VMP-56-25-050516	5/5/2016																							
		VMP-56-25-050516-DUP	5/5/2016																							
		VMP-56-25-072716	7/27/2016																							
		VMP-56-25-102416	10/24/2016																							
	38.5 ft	VMP-56-38.5-050114	5/1/2014																							
		VMP-56-38.5-081214	8/12/2014																							
		VMP-56-38.5-081214-Dup	8/12/2014																							
		VMP-56-38.5-110514	11/5/2014																							
		VMP-56-38.5-110514-DUP	11/5/2014																							
		VMP-56-38.5-021015	2/10/2015																							
		VMP-56-38.5-050715	5/7/2015																							
		VMP-56-38.5-061515-R	6/15/2015																							
		VMP-56-38.5-073115	7/31/2015																							
		VMP-56-38.5-073115-DUP	7/31/2015																							
		VMP-56-38.5-110315	11/3/2015																							
		VMP-56-38.5-110315-DUP	11/3/2015																							
		VMP-56-38.5-020416	2/4/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-122313	12/23/2013																22			24					
		VMP-62-5-021014	2/10/2014																								
		VMP-62-5-042514	4/25/2014																								
		VMP-62-5-073014	7/30/2014																								
		VMP-62-5-111014-R	11/10/2014																								
		VMP-62-5-020315	2/3/2015																								
		VMP-62-5-042815	4/28/2015																								
		VMP-62-5-072415	7/24/2015																								
		VMP-62-5-102015	10/20/2015																								
		VMP-62-5-012816	1/28/2016																								
		VMP-62-5-042516	4/25/2016																								
		VMP-62-5-072616	7/26/2016																								
		VMP-62-5-102416	10/24/2016																								
	10 ft	VMP-62-10-122313	12/23/2013																								
		VMP-62-10-021014	2/10/2014																								
		VMP-62-10-042514	4/25/2014																								
		VMP-62-10-073014	7/30/2014																								
		VMP-62-10-102814	10/28/2014																								
		VMP-62-10-020315	2/3/2015																								
		VMP-62-10-042815	4/28/2015																								
		VMP-62-10-072415	7/24/2015																								
		VMP-62-10-102015	10/20/2015																								
		VMP-62-10-012816	1/28/2016																								
		VMP-62-10-042516	4/25/2016																								
		VMP-62-10-072616	7/26/2016																								
		VMP-62-10-102416	10/24/2016																								
	20 ft	VMP-62-20-122313	12/23/2013																								
		VMP-62-20-122313-Dup	12/23/2013																								
		VMP-62-20-021014	2/10/2014																								
		VMP-62-20-042514	4/25/2014																								
		VMP-62-20-073014	7/30/2014																								
		VMP-62-20-102814	10/28/2014																								
		VMP-62-20-020315	2/3/2015																								
		VMP-62-20-042815	4/28/2015																								
		VMP-62-20-072415	7/24/2015																								
		VMP-62-20-102015	10/20/2015																								
		VMP-62-20-012816	1/28/2016																								
		VMP-62-20-042516	4/25/2016																								
		VMP-62-20-072616	7/26/2016																								
		VMP-62-20-102416	10/24/2016																								
	30 ft	VMP-62-30-122313	12/23/2013																								
		VMP-62-30-122313-Dup	12/23/2013																								
		VMP-62-30-021014	2/10/2014																								
		VMP-62-30-042514	4/25/2014																								
		VMP-62-30-073014	7/30/2014																								
		VMP-62-30-073014-Dup	7/30/2014																								
		VMP-62-30-102814	10/28/2014																								
		VMP-62-30-020315	2/3/2015																								
		VMP-62-30-042815	4/28/2015																								
		VMP-62-30-072415	7/24/2015																								
		VMP-62-30-102015	10/20/2015																								
		VMP-62-30-012816	1/28/2016																								
		VMP-62-30-012816-DUP	1/28/2016																								
		VMP-62-30-042516	4/25/2016																								
		VMP-62-30-072616	7/26/2016																								
		VMP-62-30-072616-DUP	7/26/2016																								
		VMP-62-30-102416	10/24/2016																								
		VMP-62-30-102416-Dup	10/24/2016																								

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-121113	12/11/2013																							
		VMP-63-5-022814	2/28/2014																							
		VMP-63-5-042514	4/25/2014																							
		VMP-63-5-073014	7/30/2014																							
		VMP-63-5-102814	10/28/2014																							
		VMP-63-5-020315	2/3/2015																							
		VMP-63-5-042815	4/28/2015																							
		VMP-63-5-072415	7/24/2015																							
		VMP-63-5-102615	10/26/2015																							
		VMP-63-5-012816	1/28/2016																							
		VMP-63-5-042616	4/26/2016																							
		VMP-63-5-072516	7/25/2016																							
		VMP-63-5-102416	10/24/2016																							
	10 ft	VMP-63-10-121113	12/11/2013																							
		VMP-63-10-020714	2/7/2014																							
		VMP-63-10-042514	4/25/2014																							
		VMP-63-10-073014	7/30/2014																							
		VMP-63-10-102814	10/28/2014																							
		VMP-63-10-020315	2/3/2015																							
		VMP-63-10-042815	4/28/2015																							
		VMP-63-10-072415	7/24/2015																							
		VMP-63-10-102615	10/26/2015																							
		VMP-63-10-012816	1/28/2016																							
		VMP-63-10-042616	4/26/2016																							
		VMP-63-10-072516	7/25/2016																							
		VMP-63-10-102416	10/24/2016																							
	20 ft	VMP-63-20-121213	12/12/2013																							
		VMP-63-20-020714	2/7/2014																							
		VMP-63-20-042514	4/25/2014																							
		VMP-63-20-073014	7/30/2014																							
		VMP-63-20-102814	10/28/2014																							
		VMP-63-20-102814-DUP	10/28/2014																							
		VMP-63-20-020315	2/3/2015																							
		VMP-63-20-020315-DUP	2/3/2015																							
		VMP-63-20-042815	4/28/2015																							
		VMP-63-20-072415	7/24/2015																							
		VMP-63-20-102615	10/26/2015																							
		VMP-63-20-012816	1/28/2016																							
		VMP-63-20-042616	4/26/2016																							
		VMP-63-20-042616-DUP	4/26/2016																							
		VMP-63-20-072516	7/25/2016																							
		VMP-63-20-102416	10/24/2016																							
	30 ft	VMP-63-30-121113	12/11/2013				15																			
		VMP-63-30-020714	2/7/2014																							
		VMP-63-30-042514	4/25/2014																							
		VMP-63-30-042514-DUP	4/25/2014																							
		VMP-63-30-073014	7/30/2014																							
		VMP-63-30-102814	10/28/2014																							
		VMP-63-30-020315	2/3/2015																							
		VMP-63-30-042815	4/28/2015																							
		VMP-63-30-072415	7/24/2015																							
		VMP-63-30-102615	10/26/2015																							
		VMP-63-30-102615-DUP	10/26/2015																							
		VMP-63-30-012816	1/28/2016																							
		VMP-63-30-042616	4/26/2016																							
		VMP-63-30-072516	7/25/2016																							
		VMP-63-30-072516-DUP	7/25/2016																							
		VMP-63-30-102416	10/24/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Butane, 2,2-dimethyl-			Butane, 2,3-dimethyl-			Butane, 2,2,3-trimethyl-			Cyclobutane, ethyl-			Cyclohexane, ethyl-			Cyclohexane, methyl-			Cyclohexane, 1,1,3-trimethyl-			Cyclohexane, 1,2-dimethyl-, trans-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-122313	12/23/2013													61						120			55		
		VMP-64-5-022814	2/28/2014																								
		VMP-64-5-042514	4/25/2014																								
		VMP-64-5-073114	7/31/2014																								
		VMP-64-5-102814	10/28/2014																								
		VMP-64-5-020315	2/3/2015																								
		VMP-64-5-042815	4/28/2015																								
		VMP-64-5-072415	7/24/2015																								
		VMP-64-5-102615	10/26/2015																								
		VMP-64-5-012816	1/28/2016																								
		VMP-64-5-042616	4/26/2016																								
		VMP-64-5-080216	8/2/2016																								
		VMP-64-5-080216-DUP	8/2/2016																								
		VMP-64-5-102416	10/24/2016																								
	10 ft	VMP-64-10-122313	12/23/2013																								
		VMP-64-10-021014	2/10/2014																								
		VMP-64-10-042514	4/25/2014																								
		VMP-64-10-073114	7/31/2014																								
		VMP-64-10-102814	10/28/2014																								
		VMP-64-10-020315	2/3/2015																								
		VMP-64-10-042815	4/28/2015																								
		VMP-64-10-072415	7/24/2015																								
		VMP-64-10-102615	10/26/2015																								
		VMP-64-10-012816	1/28/2016																								
		VMP-64-10-042616	4/26/2016																								
		VMP-64-10-072216	7/22/2016																								
		VMP-64-10-102416	10/24/2016																								
	20 ft	VMP-64-20-122313	12/23/2013																								
		VMP-64-20-122313-Dup	12/23/2013																					6.7			
		VMP-64-20-021014	2/10/2014																								
		VMP-64-20-042514	4/25/2014																								
		VMP-64-20-073114	7/31/2014																								
		VMP-64-20-102814	10/28/2014																								
		VMP-64-20-020315	2/3/2015																								
		VMP-64-20-042815	4/28/2015																								
		VMP-64-20-072415	7/24/2015																								
		VMP-64-20-102615	10/26/2015																								
		VMP-64-20-012816	1/28/2016																								
		VMP-64-20-042616	4/26/2016																								
		VMP-64-20-042616-DUP	4/26/2016																								
		VMP-64-20-072216	7/22/2016																								
		VMP-64-20-072216-DUP	7/22/2016																								
		VMP-64-20-102416	10/24/2016																								
		VMP-64-20-102416-Dup	10/24/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5	11/2/2009																							
		VMP-1-5-082510	8/25/2010																							
		VMP-1-5-111710	11/17/2010																							
		VMP-1-5-020411	2/4/2011																							
		VMP-1-5-041211	4/12/2011																							
		VMP-1-5-080111	8/1/2011																							
		VMP-1-5-110311	11/3/2011																							
		VMP-1-5-013012	1/30/2012																							
		VMP-1-5-041312	4/13/2012																							
		VMP-1-5-071612	7/16/2012																							
		VMP-1-5-101112	10/11/2012																							
		VMP-1-5-012113	1/21/2013																							
		VMP-1-5-012313-R	1/23/2013																							
		VMP-1-5-050813	5/8/2013																							
		VMP-1-5-072913	7/29/2013																							
		VMP-1-5-072913-Dup	7/29/2013																							
		VMP-1-5-110413	11/4/2013																							
		VMP-1-5-020714	2/7/2014																							
		VMP-1-5-043014	4/30/2014																							
		VMP-1-5-080714	8/7/2014																							
		VMP-1-5-103114	10/31/2014																							
		VMP-1-5-020915	2/9/2015																							
		VMP-1-5-050515	5/5/2015																							
		VMP-1-5-073015	7/30/2015																							
		VMP-1-5-110315	11/3/2015																							
		VMP-1-5-020316	2/3/2016																							
		VMP-1-5-050316	5/3/2016																							
		VMP-1-5-072516	7/25/2016																							
		VMP-1-5-102816	10/28/2016																							
	8.5 ft	VMP-1-8.5	11/2/2009																							
		VMP-1-8.5-082510	8/25/2010																							
		VMP-1-8.5-111710	11/17/2010																							
		VMP-1-8.5-111710-Dup	11/17/2010																							
		VMP-1-8.5-020411	2/4/2011																							
		VMP-1-8.5-041211	4/12/2011																							
		VMP-1-8.5-080111	8/1/2011																							
		VMP-1-8.5-080111-Dup	8/1/2011																							
		VMP-1-8.5-110311	11/3/2011																							
		VMP-1-8.5-013012	1/30/2012																							
		VMP-1-8.5-041612	4/16/2012																							
		VMP-1-8.5-041612-Dup	4/16/2012																							
		VMP-1-8.5-071612	7/16/2012																							
		VMP-1-8.5-101112	10/11/2012																							
		VMP-1-8.5-012113	1/21/2013																							
		VMP-1-8.5-012313-R	1/23/2013																							
		VMP-1-8.5-050813	5/8/2013																							
		VMP-1-8.5-072913	7/29/2013																							
		VMP-1-8.5-110413	11/4/2013																							
		VMP-1-8.5-020714	2/7/2014																							
		VMP-1-8.5-043014	4/30/2014																							
		VMP-1-8.5-080714	8/7/2014																							
		VMP-1-8.5-103114	10/31/2014																							
		VMP-1-8-020915	2/9/2015																							
		VMP-1-8.5-050515	5/5/2015																							
		VMP-1-8.5-073015	7/30/2015																							
		VMP-1-8.5-110315	11/3/2015																							
		VMP-1-8.5-020316	2/3/2016																							
		VMP-1-8.5-050316	5/3/2016																							
		VMP-1-8.5-072516	7/25/2016																							
		VMP-1-8.5-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-1	23.5 ft	VMP-1-23.5	11/2/2009																							
		VMP - 1 - 23.5 - 083010	8/30/2010																							
		VMP-1-23.5-111810	11/17/2010																							
		VMP-1-23.5-020411	2/4/2011																							
		VMP-1-23.5-041211	4/12/2011																							
		VMP-1-23.5-041211-DUP	4/12/2011																							
		VMP-1-23.5-080111	8/1/2011																							
		VMP-1-23.5-110611	11/6/2011																							
		VMP-1-23.5-013112	1/31/2012																							
		VMP-1-23.5-041612	4/16/2012																							
		VMP-1-23.5-071612	7/16/2012																							
		VMP-1-23.5-102412	10/24/2012																							
		VMP-1-23.5-012113	1/21/2013																							
		VMP-1-23.5-012313-R	1/23/2013																							
		VMP-1-23.5-050813	5/8/2013																							
		VMP-1-23.5-050813-Dup	5/8/2013																							
		VMP-1-23.5-072913	7/29/2013																							
		VMP-1-23.5-110413	11/4/2013																							
		VMP-1-23.5-020714	2/7/2014																							
		VMP-1-23.5-043014	4/30/2014																							
		VMP-1-23.5-080714	8/7/2014																							
		VMP-1-23.5-103114	10/31/2014																							
		VMP-1-23.5-020915	2/9/2015																							
		VMP-1-23.5-050515	5/5/2015																							
		VMP-1-23.5-073015	7/30/2015																							
		VMP-1-23.5-110315	11/3/2015																							
		VMP-1-23.5-020316	2/3/2016																							
		VMP-1-23.5-050316	5/3/2016																							
		VMP-1-23.5-050316-DUP	5/3/2016																							
		VMP-1-23.5-072516	7/25/2016																							
		VMP-1-23.5-072516-DUP	7/25/2016																							
		VMP1-23.5-102816	10/28/2016																							
	38.5 ft	VMP-1-38.5	11/2/2009																							
		VMP-1-38.5-073112	7/31/2012																							
		VMP-1-38.5-102612	10/26/2012																							
		VMP-1-38.5-012113	1/21/2013																							
		VMP-1-38.5-012313-R	1/23/2013										250000													
		VMP-1-38.5-050913	5/9/2013																							
		VMP-1-38.5-020714	2/7/2014																							
		VMP-1-38.5-020714-Dup	2/7/2014																							
		VMP-1-38.5-043014	4/30/2014																							
		VMP-1-38.5-080714	8/7/2014																							
		VMP-1-38.5-103114	10/31/2014																							
		VMP-1-38.5-020915	2/9/2015																							
		VMP-1-38.5-020915-DUP	2/9/2015																							
		VMP-1-38.5-050515	5/5/2015																							
		VMP-1-38.5-061515-R	6/15/2015																							
		VMP-1-38.5-073015	7/30/2015																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-2	5 ft	VMP-2-5	11/2/2009																							
		VMP - 2 - 5 - 083110	8/31/2010																							
		VMP-2-5-111610	11/16/2010																							
		VMP-2-5-020411	2/4/2011																							
		VMP-2-5-041311	4/13/2011																							
		VMP-2-5-080211	8/2/2011																							
		VMP-2-5-110711	11/7/2011																							
		VMP-2-5-012512	1/25/2012																							
		VMP-2-5-042512	4/25/2012																							
		VMP-2-5-071612	7/16/2012																							
		VMP-2-5-102412	10/24/2012																							
		VMP-2-5-013113	1/31/2013																							
		VMP-2-5-050613	5/6/2013																							
		VMP-2-5-022614	2/26/2014																							
		VMP-2-5-050114	5/1/2014																							
		VMP-2-5-111014	11/10/2014																							
		VMP-2-5-021015	2/10/2015																							
		VMP-2-5-050615	5/6/2015																							
		VMP-2-5-110415	11/4/2015																							
		VMP-2-5-020116	2/1/2016																							
		VMP-2-5-042716	4/27/2016																							
		VMP-2-5-072616	7/26/2016																							
		VMP-2-5-102616	10/26/2016																							
	8.5 ft	VMP-2-8.5	11/3/2009																							
		VMP-2-8.5-D	11/3/2009																							
		VMP - 2 - 8.5 - 083110	8/31/2010																							
		VMP-2-8.5-111610	11/16/2010																							
		VMP-2-8.5-020411	2/4/2011																							
		VMP-2-8.5-041311	4/13/2011																							
		VMP-2-8.5-080211	8/2/2011																							
		VMP-2-8.5-110711	11/7/2011																							
		VMP-2-8.5-012612	1/26/2012																							
		VMP-2-8.5-012612-DUP	1/26/2012																							
		VMP-2-8.5-041612	4/16/2012																							
		VMP-2-8.5-041612-Dup	4/16/2012																							
		VMP-2-8.5-071612	7/16/2012																							
		VMP-2-8.5-071612-Dup	7/16/2012																							
		VMP-2-8.5-102312	10/23/2012																							
		VMP-2-8.5-020513	2/5/2013																							
		VMP-2-8.5-050613	5/6/2013																							
		VMP-2-8.5-050613-Dup	5/6/2013																							
		VMP-2-8.5-022614	2/26/2014																							
		VMP-2-8.5-050114	5/1/2014																							
		VMP-2-8.5-081514	8/15/2014																							
		VMP-2-8.5-081514-DUP	8/15/2014																							
		VMP-2-8.5-111014	11/10/2014																							
		VMP-2-8.5-021015	2/10/2015																							
		VMP-2-8.5-050615	5/6/2015																							
		VMP-2-8.5-110415	11/4/2015																							
		VMP-2-8.5-021616	2/16/2016																							
		VMP-2-8.5-042716	4/27/2016																							
		VMP-2-8.5-072616	7/26/2016																							
		VMP-2-8.5-102616	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-2	22 ft	VMP-2-22	11/3/2009																							
		VMP - 2 - 22 - 083110	8/31/2010																							
		VMP-2-22-111610	11/16/2010																							
		VMP-2-22-020411	2/4/2011																							
		VMP-2-22-041311	4/13/2011																							
		VMP-2-22-080211	8/2/2011																							
		VMP-2-22-110711	11/7/2011																							
		VMP-2-22-012612	1/26/2012																							
		VMP-2-22-042712	4/27/2012																							
		VMP-2-22-071612	7/16/2012																							
		VMP-2-22-102312	10/23/2012																							
		VMP-2-22-013113	1/31/2013																							
		VMP-2-22-050613	5/6/2013																							
		VMP-2-22-081213	8/12/2013																							
		VMP-2-22-111513	11/15/2013																							
		VMP-2-22-022614	2/26/2014																							
		VMP-2-22-050114	5/1/2014																							
		VMP-2-22-081414	8/14/2014																							
		VMP-2-22-111014	11/10/2014																							
		VMP-2-22-021015	2/10/2015																							
		VMP-2-22-021015-DUP	2/10/2015																							
		VMP-2-22-050615	5/6/2015																							
		VMP-2-22-073015	7/30/2015																							
		VMP-2-22-110415	11/4/2015																							
		VMP-2-22-020116	2/1/2016																							
		VMP-2-22-020116-DUP	2/1/2016																							
		VMP-2-22-042716	4/27/2016																							
		VMP-2-22-072616	7/26/2016																							
		VMP-2-22-102616	10/26/2016																							
	42 ft	VMP-2-42	11/3/2009																							
		VMP-2-42-013113	1/31/2013																							
		VMP-2-42-050613	5/6/2013																							
		VMP-2-42-022614	2/26/2014																							
		VMP-2-42-050114	5/1/2014																							
		VMP-2-42-081414	8/14/2014																							
		VMP-2-42-021015	2/10/2015																							
		VMP-2-42-050615	5/6/2015																							
		VMP-2-42-061515-R	6/15/2015																							
		VMP-2-42-073015	7/30/2015																							
VMP-3	5 ft	VMP-3-5	11/3/2009																							
		VMP-3-5-090910	9/9/2010																							
		VMP-3-5-112210	11/22/2010																							
		VMP-3-5-020911	2/9/2011																							
		VMP-3-5-041411	4/14/2011																							
		VMP-3-5-080211	8/2/2011																							
		VMP-3-5-110811	11/8/2011																							
		VMP-3-5-110811-DUP	11/8/2011																							
		VMP-3-5-012712	1/27/2012																							
		VMP-3-5-041912	4/19/2012																							
		VMP-3-5-072712	7/27/2012																							
		VMP-3-5-060413	6/4/2013																							
		VMP-3-5-072913	7/29/2013																							
		VMP-3-5-110613	11/6/2013																							
		VMP-3-5-021314	2/13/2014																							
		VMP-3-5-050214	5/2/2014																							
		VMP-3-5-081214	8/12/2014																							
		VMP-3-5-103114	10/31/2014																							
		VMP-3-5-020915	2/9/2015																							
		VMP-3-5-050415	5/4/2015																							
		VMP-3-5-072915	7/29/2015																							
		VMP-3-5-110515	11/5/2015																							
		VMP-3-5-021616	2/16/2016																							
		VMP-3-5-042716	4/27/2016																							
		VMP-3-5-080116	8/1/2016																							
		VMP-3-5-102616	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10	6/21/2010																							
		VMP 3-10-091010	9/10/2010																							
		VMP-3-10-092010	9/20/2010																							
		VMP-3-10-112210	11/22/2010																							
		VMP-3-10-112210-Dup	11/22/2010																							
		VMP-3-10-020811	2/8/2011																							
		VMP-3-10-041311	4/13/2011																							
		VMP-3-10-080311	8/3/2011																							
		VMP-3-10-110811	11/8/2011																							
		VMP-3-10-012712	1/27/2012																							
		VMP-3-10-042012	4/20/2012																							
		VMP-3-10-072312	7/23/2012																							
		VMP-3-10-101812	10/18/2012																							
		VMP-3-10-020613	2/6/2013																							
		VMP-3-10-060413	6/4/2013																							
		VMP-3-10-072913	7/29/2013																							
		VMP-3-10-110613	11/6/2013																							
		VMP-3-10-022814	2/28/2014																							
		VMP-3-10-022814-Dup	2/28/2014																							
		VMP-3-10-050214	5/2/2014																							
		VMP-3-10-081214	8/12/2014																							
		VMP-3-10-103114	10/31/2014																							
		VMP-3-10-020915	2/9/2015																							
		VMP-3-10-050415	5/4/2015																							
		VMP-3-10-072915	7/29/2015																							
		VMP-3-10-110315	11/3/2015																							
		VMP-3-10-021616	2/16/2016																							
		VMP-3-10-042716	4/27/2016																							
		VMP-3-10-080216	8/2/2016																							
		VMP-3-10-102616	10/26/2016																							
	22 ft	VMP-3-22	11/4/2009																							
		VMP-3-22-092010	9/20/2010																							
		VMP-3-22-112210	11/22/2010																							
		VMP-3-22-020811	2/8/2011																							
		VMP-3-22-041511	4/15/2011																							
		VMP-3-22-080611	8/6/2011																							
		VMP-3-22-110811	11/8/2011																							
		VMP-3-22-013012	1/30/2012																							
		VMP-3-22-042012	4/20/2012																							
		VMP-3-22-072312	7/23/2012																							
		VMP-3-22-101812	10/18/2012																							
		VMP-3-22-020613	2/6/2013																							
		VMP-3-22-060413	6/4/2013																							
		VMP-3-22-060413-Dup	6/4/2013																							
		VMP-3-22-072913	7/29/2013																							
		VMP-3-22-110613	11/6/2013																							
		VMP-3-22-110613-Dup	11/6/2013																							
		VMP-3-22-021314	2/13/2014																							
		VMP-3-22-050214	5/2/2014																							
		VMP-3-22-081214	8/12/2014																							
		VMP-3-22-103114	10/31/2014																							
		VMP-3-22-020915	2/9/2015																							
		VMP-3-22-050815	5/8/2015																							
		VMP-3-22-072915	7/29/2015																							
		VMP-3-22-110315	11/3/2015																							
		VMP-3-22-021616	2/16/2016																							
		VMP-3-22-042716	4/27/2016																							
		VMP-3-22-080116	8/1/2016																							
		VMP-3-22-102616	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-3	31.5 ft	VMP-3-31.5	11/4/2009																							
		VMP-3-31.5-090910	9/9/2010																							
		VMP-3-31.5-112210	11/22/2010																							
		VMP-3-31.5-020911	2/9/2011																							
		VMP-3-31.5-041411	4/14/2011																							
		VMP-3-31.5-041411-DUP	4/14/2011																							
		VMP-3-31.5-080211	8/2/2011																							
		VMP-3-31.5-080211-Dup	8/2/2011																							
		VMP-3-31.5-110811	11/8/2011																							
		VMP-3-31.5-012712	1/27/2012																							
		VMP-3-31.5-041912	4/19/2012																							
		VMP-3-31.5-041912-Dup	4/19/2012																							
		VMP-3-31.5-072312	7/23/2012																							
		VMP-3-31.5-101912	10/19/2012																							
		VMP-3-31.5-020713	2/7/2013																							
		VMP-3-31.5-060413	6/4/2013																							
		VMP-3-31.5-072913	7/29/2013																							
		VMP-3-31.5-110613	11/6/2013																							
		VMP-3-31.5-022114	2/21/2014																							
		VMP-3-31.5-050214	5/2/2014																							
		VMP-3-31.5-081214	8/12/2014																							
		VMP-3-31.5-103114	10/31/2014																							
		VMP-3-31.5-020915	2/9/2015																							
		VMP-3-31.5-110315	11/3/2015																							
		VMP-3-31.5-020116	2/1/2016																							
		VMP-3-31.5-042716	4/27/2016																							
		VMP-3-31.5-080116	8/1/2016																							
		VMP-3-31.5-102616	10/26/2016																							
	39 ft	VMP-3-39	11/4/2009																							
		VMP-3-39-101912	10/19/2012																							
		VMP-3-39-021213	2/12/2013																							
		VMP-3-39-060413	6/4/2013																							
		VMP-3-39-072913	7/29/2013																							
		VMP-3-39-110613	11/6/2013																							
		VMP-3-39-022114	2/21/2014																							
		VMP-3-39-050214	5/2/2014																							
		VMP-3-39-050214-Dup	5/2/2014																							
		VMP-3-39-081214	8/12/2014																							
		VMP-3-39-103114	10/31/2014																							
		VMP-3-39-020915	2/9/2015																							
		VMP-3-39-110315	11/3/2015																							
		VMP-3-39-020116	2/1/2016																							
		VMP-3-39-020116-DUP	2/1/2016																							
VMP-4	5 ft	VMP-4-5	11/5/2009																							
		VMP-4-5-082510	8/25/2010																							
		VMP-4-5-112210	11/22/2010																							
		VMP-4-5-021411	2/14/2011																							
		VMP-4-5-041911	4/19/2011																							
		VMP-4-5-080311	8/3/2011																							
		VMP-4-5-110911	11/9/2011																							
		VMP-4-5-013012	1/30/2012																							
		VMP-4-5-042512	4/25/2012																							
		VMP-4-5-072512	7/25/2012																							
		VMP-4-5-101812	10/18/2012																							
		VMP-4-5-020713	2/7/2013																							
		VMP-4-5-050913	5/9/2013																							
		VMP-4-5-080113	8/1/2013																							
		VMP-4-5-120313-R	12/3/2013																							
		VMP-4-5-022714	2/27/2014																							
		VMP-4-5-050214	5/2/2014																							
		VMP-4-5-081514	8/15/2014																							
		VMP-4-5-021015	2/10/2015																							
		VMP-4-5-110215	11/2/2015																							
		VMP-4-5-020316	2/3/2016																							
		VMP-4-5-050516	5/5/2016																							
		VMP-4-5-080216	8/2/2016																							
		VMP-4-5-102816	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-4	12 ft	VMP-4-12	11/5/2009																							
		VMP-4-12-082510	8/25/2010																							
		VMP-4-12-112310	11/23/2010																							
		VMP-4-12-021411	2/14/2011																							
		VMP-4-12-041911	4/19/2011																							
		VMP-4-12-080311	8/3/2011																							
		VMP-4-12-080311-Dup	8/3/2011																							
		VMP-4-12-110911	11/9/2011																							
		VMP-4-12-013012	1/30/2012																							
		VMP-4-12-041812	4/18/2012																							
		VMP-4-12-072312	7/23/2012																							
		VMP-4-12-101812	10/18/2012																							
		VMP-4-12-101812-Dup	10/18/2012																							
		VMP-4-12-020713	2/7/2013																							
		VMP-4-12-020713-DUP	2/7/2013																							
		VMP-4-12-050913	5/9/2013																							
		VMP-4-12-080113	8/1/2013																							
		VMP-4-12-120313-R	12/3/2013																							
		VMP-4-12-022714	2/27/2014																							
		VMP-4-12-050214	5/2/2014																							
		VMP-4-12-081414	8/14/2014																							
		VMP-4-12-021015	2/10/2015																							
		VMP-4-12-051115	5/11/2015																							
		VMP-4-12-080315	8/3/2015																							
		VMP-4-12-110215	11/2/2015																							
		VMP-4-12-020316	2/3/2016																							
		VMP-4-12-050316	5/3/2016																							
		VMP-4-12-080216	8/2/2016																							
		VMP-4-12-102816	10/28/2016																							
	23.5 ft	VMP-4-23.5	11/5/2009																							
		VMP - 4 - 23.5 - 083110	8/31/2010																							
		VMP-4-23.5-112310	11/23/2010																							
		VMP-4-23.5-021411	2/14/2011																							
		VMP-4-23.5-042011	4/20/2011																							
		VMP-4-23.5-042011-DUP	4/20/2011																							
		VMP-4-23.5-080611	8/6/2011																							
		VMP-4-23.5-110911	11/9/2011																							
		VMP-4-23.5-013012	1/30/2012																							
		VMP-4-23.5-013012-DUP	1/30/2012																							
		VMP-4-23.5-041912	4/19/2012																							
		VMP-4-23.5-072312	7/23/2012																							
		VMP-4-23.5-101812	10/18/2012																							
		VMP-4-23.5-020713	2/7/2013																							
		VMP-4-23.5-051513	5/15/2013																							
		VMP-4-23.5-080113	8/1/2013																							
		VMP-4-23.5-080113-Dup	8/1/2013																							
		VMP-4-23.5-110713	11/7/2013																							
		VMP-4-23.5-022714	2/27/2014																							
		VMP-4-23.5-050214	5/2/2014																							
		VMP-4-23.5-081314	8/13/2014																							
		VMP-4-23.5-090414-R	9/4/2014																							
		VMP-4-23.5-110714	11/7/2014																							
		VMP-4-23.5-021015	2/10/2015																							
		VMP-4-23.5-050815	5/8/2015																							
		VMP-4-23.5-061515-R	6/15/2015																							
		VMP-4-23.5-073015	7/30/2015																							
		VMP-4-23.5-110215	11/2/2015																							
		VMP-4-23.5-020316	2/3/2016																							
		VMP-4-23.5-020316-DUP	2/3/2016																							
		VMP-4-23.5-050316	5/3/2016																							
		VMP-4-23.5-080216	8/2/2016																							
		VMP-4-23.5-080216-DUP	8/2/2016																							
		VMP-4-23.5-092316-DUP-R	9/23/2016																							
		VMP-4-23.5-092316-R	9/23/2016																							
		VMP-4-23.5-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-4	39 ft	VMP-4-39	11/5/2009																							
		VMP-4-39-042111	4/21/2011																							
		VMP-4-39-041912	4/19/2012																							
		VMP-4-39-072312	7/23/2012																							
		VMP-4-39-101812	10/18/2012																							
		VMP-4-39-101812-Dup	10/18/2012																							
		VMP-4-39-020713	2/7/2013																							
		VMP-4-39-051513	5/15/2013																							
		VMP-4-39-110713	11/7/2013																							
		VMP-4-39-022714	2/27/2014																							
		VMP-4-39-050214	5/2/2014																							
		VMP-4-39-081314	8/13/2014																							
VMP-5	5 ft	VMP-5-5	11/5/2009																							
		VMP-5-5-090910	9/9/2010																							
		VMP-5-5-112210	11/22/2010																							
		VMP-5-5-021611	2/16/2011																							
		VMP-5-5-042111	4/21/2011																							
		VMP-5-5-080511	8/5/2011																							
		VMP-5-5-111111	11/11/2011																							
		VMP-5-5-013012	1/30/2012																							
		VMP-5-5-041112	4/11/2012																							
		VMP-5-5-071312	7/13/2012																							
		VMP-5-5-101212	10/12/2012																							
		VMP-5-5-012513	1/25/2013																							
		VMP-5-5-042913	4/29/2013																							
		VMP-5-5-082313-R	8/23/2013																							
		VMP-5-5-110513	11/5/2013																							
		VMP-5-5-021814	2/18/2014																							
		VMP-5-5-042814	4/28/2014																							
		VMP-5-5-080814	8/8/2014																							
		VMP-5-5-110514	11/5/2014																							
		VMP-5-5-013015	1/30/2015																							
		VMP-5-5-042915	4/29/2015																							
		VMP-5-5-072915	7/29/2015																							
		VMP-5-5-102915	10/29/2015																							
		VMP-5-5-012516	1/25/2016																							
		VMP-5-5-042816	4/28/2016																							
		VMP-5-5-072816	7/28/2016																							
		VMP-5-5-102516	10/25/2016																							
	12.5 ft	VMP-5-12.5	11/6/2009																							
		VMP-5-12.5-D	11/6/2009																							
		VMP-5-12.5-090910	9/9/2010																							
		VMP-5-12.5-112310	11/23/2010																							
		VMP-5-12.5-021611	2/16/2011																							
		VMP-5-12.5-042111	4/21/2011																							
		VMP-5-12.5-080611	8/6/2011																							
		VMP-5-12.5-111111	11/11/2011																							
		VMP-5-12.5-013012	1/30/2012																							
		VMP-5-12.5-041112	4/11/2012																							
		VMP-5-12.5-071212	7/12/2012																							
		VMP-5-12.5-101112	10/11/2012																							
		VMP-5-12.5-012413	1/24/2013																							
		VMP-5-12.5-042913	4/29/2013																							
		VMP-5-12.5-080113	8/1/2013																							
		VMP-5-12.5-110513	11/5/2013																							
		VMP-5-12.5-021814	2/18/2014																							
		VMP-5-12.5-042814	4/28/2014																							
		VMP-5-12.5-080814	8/8/2014																							
		VMP-5-12.5-110514	11/5/2014																							
		VMP-5-12.5-110514-DUP	11/5/2014																							
		VMP-5-12.5-013015	1/30/2015																							
		VMP-5-12.5-042915	4/29/2015																							
		VMP-5-12.5-072915	7/29/2015																							
		VMP-5-12.5-102915	10/29/2015																							
		VMP-5-12.5-012516	1/25/2016																							
		VMP-5-12.5-042816	4/28/2016																							
		VMP-5-12.5-072816	7/28/2016																							
		VMP-5-12.5-102516	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31	11/6/2009																							
		VMP-5-31-090910	9/9/2010																							
		VMP-5-31-112310	11/23/2010																							
		VMP-5-31-021611	2/16/2011																							
		VMP-5-31-042111	4/21/2011																							
		VMP-5-31-080611	8/6/2011																							
		VMP-5-31-111111	11/11/2011																							
		VMP-5-31-013012	1/30/2012																							
		VMP-5-31-041112	4/11/2012																							
		VMP-5-31-071212	7/12/2012																							
		VMP-5-31-101112	10/11/2012																							
		VMP-5-31-012413	1/24/2013																							
		VMP-5-31-042913	4/29/2013																							
		VMP-5-31-080113	8/1/2013																							
		VMP-5-31-110513	11/5/2013																							
		VMP-5-31-110513-Dup	11/5/2013																							
		VMP-5-31-021814	2/18/2014																							
		VMP-5-31-042814	4/28/2014																							
		VMP-5-31-080814	8/8/2014																							
		VMP-5-31-110514	11/5/2014																							
		VMP-5-31-013015	1/30/2015																							
		VMP-5-31-042915	4/29/2015																							
		VMP-5-31-072915	7/29/2015																							
		VMP-5-31-102915	10/29/2015																							
		VMP-5-31-030916-R	3/9/2016																							
		VMP-5-31-042816	4/28/2016																							
		VMP-5-31-072816	7/28/2016																							
		VMP-5-31-102516	10/26/2016																							
	40 ft	VMP-5-40	11/6/2009																							
		VMP-5-40-042111	4/21/2011																							
		VMP-5-40-013012	1/30/2012																							
		VMP-5-40-041212	4/12/2012																							
		VMP-5-40-071212	7/12/2012																							
		VMP-5-40-101112	10/11/2012																							
		VMP-5-40-012513	1/25/2013																							
		VMP-5-40-012513-Dup	1/25/2013																							
		VMP-5-40-042913	4/29/2013																							
		VMP-5-40-080113	8/1/2013																							
		VMP-5-40-110513	11/5/2013																							
		VMP-5-40-021814	2/18/2014																							
		VMP-5-40-021814-Dup	2/18/2014																							
		VMP-5-40-042814	4/28/2014																							
		VMP-5-40-042814-Dup	4/28/2014																							
		VMP-5-40-080814	8/8/2014																							
		VMP-5-40-080814-DUP	8/8/2014																							
		VMP-5-40-110514	11/5/2014																							
		VMP-5-40-013015	1/30/2015																							
		VMP-5-40-042915	4/29/2015																							
		VMP-5-40-072915	7/29/2015																							
		VMP-5-40-102915	10/29/2015																							
		VMP-5-40-012516	1/25/2016																							
		VMP-5-40-012516-DUP	1/25/2016																							
		VMP-5-40-042816	4/28/2016																							
		VMP-5-40-072816	7/28/2016																							
		VMP-5-40-102516	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-6	5 ft	VMP-6-5	11/6/2009																							
		VMP-6-5-090810	9/8/2010																							
		VMP-6-5-111610	11/16/2010																							
		VMP-6-5-020711	2/7/2011																							
		VMP-6-5-040811	4/8/2011																							
		VMP-6-5-080411	8/4/2011																							
		VMP-6-5-110911	11/9/2011																							
		VMP-6-5-013112	1/31/2012																							
		VMP-6-5-041212	4/12/2012																							
		VMP-6-5-071612	7/16/2012																							
		VMP-6-5-101012	10/10/2012																							
		VMP-6-5-021213	2/12/2013																							
		VMP-6-5-022714	2/27/2014																							
		VMP-6-5-042914	4/29/2014																							
		VMP-6-5-080814	8/8/2014																							
		VMP-6-5-110514	11/5/2014																							
		VMP-6-5-020915	2/9/2015																							
		VMP-6-5-042915	4/29/2015																							
		VMP-6-5-072715	7/27/2015																							
		VMP-6-5-102915	10/29/2015																							
		VMP-6-5-020116	2/1/2016																							
		VMP-6-5-042516	4/25/2016																							
		VMP-6-5-072816	7/28/2016																							
		VMP-6-5-102816	10/28/2016																							
	10 ft	VMP-6-10	11/6/2009																							
		VMP-6-10-090810	9/8/2010																							
		VMP-6-10-111710	11/17/2010																							
		VMP-6-10-020711	2/7/2011																							
		VMP-6-10-040811	4/8/2011																							
		VMP-6-10-080411	8/4/2011																							
		VMP-6-10-111011	11/10/2011																							
		VMP-6-10-013112	1/31/2012																							
		VMP-6-10-041212	4/12/2012																							
		VMP-6-10-071612	7/16/2012																							
		VMP-6-10-101112	10/11/2012																							
		VMP-6-10-020513	2/5/2013																							
		VMP-6-10-051513	5/15/2013																							
		VMP-6-10-080813	8/8/2013																							
		VMP-6-10-110513	11/5/2013																							
		VMP-6-10-022714	2/27/2014																							
		VMP-6-10-042914	4/29/2014																							
		VMP-6-10-080814	8/8/2014																							
		VMP-6-10-110514	11/5/2014																							
		VMP-6-10-020915	2/9/2015																							
		VMP-6-10-042915	4/29/2015																							
		VMP-6-10-072715	7/27/2015																							
		VMP-6-10-102915	10/29/2015																							
		VMP-6-10-020116	2/1/2016																							
		VMP-6-10-042516	4/25/2016																							
		VMP-6-10-072816	7/28/2016																							
		VMP-6-10-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-6	31.5 ft	VMP-6-31.5	11/9/2009																							
		VMP-6-31.5-090810	9/8/2010																							
		VMP-6-31.5-111710	11/17/2010																							
		VMP-6-31.5-020711	2/7/2011																							
		VMP-6-31.5-041111	4/11/2011																							
		VMP-6-31.5-080411	8/4/2011																							
		VMP-6-31.5-111011	11/10/2011																							
		VMP-6-31.5-013112	1/31/2012																							
		VMP-6-31.5-041212	4/12/2012																							
		VMP-6-31.5-071612	7/16/2012																							
		VMP-6-31.5-101112	10/11/2012																							
		VMP-6-31.5-020513	2/5/2013																							
		VMP-6-31.5-042913	4/29/2013																							
		VMP-6-31.5-080813	8/8/2013																							
		VMP-6-31.5-110513	11/5/2013																							
		VMP-6-31.5-022714	2/27/2014																							
		VMP-6-31.5-042914	4/29/2014																							
		VMP-6-31.5-080814	8/8/2014																							
		VMP-6-31.5-110514	11/5/2014																							
		VMP-6-31.5-020915	2/9/2015																							
		VMP-6-31.5-042915	4/29/2015																							
		VMP-6-31.5-042915-DUP	4/29/2015																							
		VMP-6-31.5-072715	7/27/2015																							
		VMP-6-31.5-112515	11/25/2015																							
		VMP-6-31.5-020116	2/1/2016																							
		VMP-6-31.5-042516	4/25/2016																							
		VMP-6-31.5-072816	7/28/2016																							
		VMP-6-31.5-102816	10/28/2016																							
	39 ft	VMP-6-39	11/9/2009																							
		VMP-6-39-041111	4/11/2011																							
		VMP-6-39-013112	1/31/2012																							
		VMP-6-39-041212	4/12/2012																							
		VMP-6-39-071612	7/16/2012																							
		VMP-6-39-071612-Dup	7/16/2012																							
		VMP-6-39-101112	10/11/2012																							
		VMP-6-39-020513	2/5/2013																							
		VMP-6-39-050913	5/9/2013																							
		VMP-6-39-050913-Dup	5/9/2013																							
		VMP-6-39-080813-Dup	8/8/2013																							
		VMP-6-39-081513	8/15/2013																							
		VMP-6-39-110513	11/5/2013																							
		VMP-6-39-022714	2/27/2014																							
		VMP-6-39-042914	4/29/2014																							
		VMP-6-39-080814	8/8/2014																							
		VMP-6-39-110514	11/5/2014																							
		VMP-6-39-020915	2/9/2015																							
		VMP-6-39-020915-DUP	2/9/2015																							
		VMP-6-39-042915	4/29/2015																							
		VMP-6-39-072715	7/27/2015																							
		VMP-6-39-072715-DUP	7/27/2015																							
		VMP-6-39-102915	10/29/2015																							
		VMP-6-39-102915-DUP	10/29/2015																							
		VMP-6-39-020116	2/1/2016																							
		VMP-6-39-020116-DUP	2/1/2016																							
		VMP-6-39-042516	4/25/2016																							
		VMP-6-39-072816	7/28/2016																							
		VMP-6-39-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5	11/9/2009																							
		VMP-7-5-082610	8/26/2010																							
		VMP-7-5-111910	11/19/2010																							
		VMP-7-5-020711	2/7/2011																							
		VMP-7-5-040711	4/7/2011																							
		VMP-7-5-080211	8/2/2011																							
		VMP-7-5-111011	11/10/2011																							
		VMP-7-5-111011-DUP	11/10/2011																							
		VMP-7-5-013112	1/31/2012																							
		VMP-7-5-041212	4/12/2012																							
		VMP-7-5-073112	7/31/2012																							
		VMP-7-5-101012	10/10/2012																							
		VMP-7-5-060613	6/6/2013																							
		VMP-7-5-073013	7/30/2013																							
		VMP-7-5-102213	10/22/2013																							
		VMP-7-5-022414	2/24/2014																							
		VMP-7-5-043014	4/30/2014																							
		VMP-7-5-080514	8/5/2014																							
		VMP-7-5-102714	10/27/2014																							
		VMP-7-5-020215	2/2/2015																							
		VMP-7-5-043015	4/30/2015																							
		VMP-7-5-072715	7/27/2015																							
		VMP-7-5-102815	10/28/2015																							
		VMP-7-5-012716	1/27/2016																							
		VMP-7-5-042916	4/29/2016																							
		VMP-7-5-072616	7/26/2016																							
		VMP-7-5-102516	10/25/2016																							
	13.5 ft	VMP-7-13.5	11/9/2009																							
		VMP-7-13.5-082610	8/26/2010																							
		VMP-7-13.5-111910	11/19/2010																							
		VMP-7-13.5-020711	2/7/2011																							
		VMP-7-13.5-040711	4/7/2011																							
		VMP-7-13.5-080311	8/3/2011																							
		VMP-7-13.5-111011	11/10/2011																							
		VMP-7-13.5-013112	1/31/2012																							
		VMP-7-13.5-013112-DUP	1/31/2012																							
		VMP-7-13.5-041212	4/12/2012																							
		VMP-7-13.5-041212-DUP	4/12/2012																							
		VMP-7-13.5-072012	7/20/2012																							
		VMP-7-13.5-101012	10/10/2012																							
		VMP-7-13.5-021313	2/13/2013																							
		VMP-7-13.5-060513	6/5/2013																							
		VMP-7-13.5-073013	7/30/2013																							
		VMP-7-13.5-110113	11/1/2013																							
		VMP-7-13.5-022414	2/24/2014																							
		VMP-7-13.5-043014	4/30/2014																							
		VMP-7-13.5-080514	8/5/2014																							
		VMP-7-13.5-102714	10/27/2014																							
		VMP-7-13.5-020215	2/2/2015																							
		VMP-7-13.5-043015	4/30/2015																							
		VMP-7-13.5-072715	7/27/2015																							
		VMP-7-13.5-102815	10/28/2015																							
		VMP-7-13.5-012716	1/27/2016																							
		VMP-7-13.5-042916	4/29/2016																							
		VMP-7-13.5-072616	7/26/2016																							
		VMP-7-13.5-102516	10/25/2016																							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5	11/9/2009																							
		VMP - 7 - 29.5 - 083110	8/31/2010																							
		VMP-7-29.5-111910	11/19/2010																							
		VMP-7-29.5-020711	2/7/2011																							
		VMP-7-29.5-040711	4/7/2011																							
		VMP-7-29.5-080311	8/3/2011																							
		VMP-7-29.5-111111	11/11/2011																							
		VMP-7-29.5-020112	2/1/2012																							
		VMP-7-29.5-041312	4/13/2012																							
		VMP-7-29.5-072012	7/20/2012																							
		VMP-7-29.5-072012-Dup	7/20/2012																							
		VMP-7-29.5-101012	10/10/2012																							
		VMP-7-29.5-060613	6/6/2013																							
		VMP-7-29.5-073013	7/30/2013																							
		VMP-7-29.5-102213	10/22/2013																							
		VMP-7-29.5-022414	2/24/2014																							
		VMP-7-29.5-043014	4/30/2014																							
		VMP-7-29.5-080514	8/5/2014																							
		VMP-7-29.5-102714	10/27/2014																							
		VMP-7-29.5-020215	2/2/2015																							
		VMP-7-29.5-043015	4/30/2015																							
		VMP-7-29.5-072715	7/27/2015																							
		VMP-7-29.5-102815	10/28/2015																							
		VMP-7-29.5-012716	1/27/2016																							
		VMP-7-29.5-042916	4/29/2016																							
		VMP-7-29.5-072616	7/26/2016																							
		VMP-7-29.5-102516	10/25/2016																							
	38 ft	VMP-7-38	11/9/2009																							
		VMP-7-38-020711	2/7/2011																							
		VMP-7-38-040711	4/7/2011																							
		VMP-7-38-020112	2/1/2012																							
		VMP-7-38-042512	4/25/2012																							
		VMP-7-38-042512-Dup	4/25/2012																							
		VMP-7-38-101112	10/11/2012																							
		VMP-7-38-060613	6/6/2013																							
		VMP-7-38-073013	7/30/2013																							
		VMP-7-38-110113	11/1/2013																							
		VMP-7-38-022414	2/24/2014																							
		VMP-7-38-043014	4/30/2014																							
		VMP-7-38-043014-DUP	4/30/2014																							
		VMP-7-38-080514	8/5/2014																							
		VMP-7-38-080514-DUP	8/5/2014																							
		VMP-7-38-102714	10/27/2014																							
		VMP-7-38-020215	2/2/2015																							
		VMP-7-38-043015	4/30/2015																							
		VMP-7-38-072715	7/27/2015																							
		VMP-7-38-102815	10/28/2015																							
		VMP-7-38-102815-DUP	10/28/2015																							
		VMP-7-38-012716	1/27/2016																							
		VMP-7-38-012716-DUP	1/27/2016																							
		VMP-7-38-042916	4/29/2016																							
		VMP-7-38-042916-DUP	4/29/2016																							
		VMP-7-38-072616	7/26/2016																							
		VMP-7-38-072616-DUP	7/26/2016																							
		VMP-7-38-102516	10/25/2016																							
		VMP-7-38-102516-Dup	10/25/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5	11/10/2009																							
		VMP - 8 - 5 - 083010	8/30/2010																							
		VMP-8-5-111810	11/17/2010																							
		VMP-8-5-021011	2/10/2011																							
		VMP-8-5-040711	4/7/2011																							
		VMP-8-5-072711	7/27/2011																							
		VMP-8-5-110311	11/3/2011																							
		VMP-8-5-012312	1/23/2012																							
		VMP-8-5-041012	4/10/2012																							
		VMP-8-5-071312	7/13/2012																							
		VMP-8-5-073112	7/31/2012																							
		VMP-8-5-100412	10/4/2012																							
		VMP-8-5-100412-Dup	10/4/2012																							
		VMP-8-5-012413	1/24/2013																							
		VMP-8-5-042513	4/25/2013																							
		VMP-8-5-073013	7/30/2013																							
		VMP-8-5-102213	10/22/2013																							
		VMP-8-5-021014	2/10/2014																							
		VMP-8-5-042514	4/25/2014																							
		VMP-8-5-073014	7/30/2014																							
		VMP-8-5-103114	10/31/2014																							
		VMP-8-5-020915	2/9/2015																							
		VMP-8-5-042715	4/27/2015																							
		VMP-8-5-072815	7/28/2015																							
		VMP-8-5-102715	10/27/2015																							
		VMP-8-5-012716	1/27/2016																							
		VMP-8-5-042916	4/29/2016																							
		VMP-8-5-072916	7/29/2016																							
		VMP-8-5-102516	10/25/2016																							
	9.5 ft	VMP-8-9.5	11/10/2009																							
		VMP - 8 - 9.5 - 083010	8/30/2010																							
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010																							
		VMP-8-9.5-111810	11/17/2010																							
		VMP-8-9.5-021011	2/10/2011																							
		VMP-8-9.5-040711	4/7/2011																							
		VMP-8-9.5-072711	7/27/2011																							
		VMP-8-9.5-110311	11/3/2011																							
		VMP-8-9.5-012312	1/23/2012																							
		VMP-8-9.5-041012	4/10/2012																							
		VMP-8-9.5-071312	7/13/2012																							
		VMP-8-9.5-071312-Dup	7/13/2012																							
		VMP-8-9.5-100412	10/4/2012																							
		VMP-8-9.5-012413	1/24/2013																							
		VMP-8-9.5-012413-Dup	1/24/2013																							
		VMP-8-9.5-042513	4/25/2013																							
		VMP-8-9.5-073013	7/30/2013																							
		VMP-8-9.5-102213	10/22/2013																							
		VMP-8-9.5-021014	2/10/2014																							
		VMP-8-9.5-021014-Dup	2/10/2014																							
		VMP-8-9.5-042514	4/25/2014																							
		VMP-8-9.5-073014	7/30/2014																							
		VMP-8-9.5-103114	10/31/2014																							
		VMP-8-9.5-020915	2/9/2015																							
		VMP-8-9.5-042715	4/27/2015																							
		VMP-8-9.5-072815	7/28/2015																							
		VMP-8-9.5-102715	10/27/2015																							
		VMP-8-9.5-012716	1/27/2016																							
		VMP-8-9.5-042916	4/29/2016																							
		VMP-8-9.5-072916	7/29/2016																							
		VMP-8-9.5-102516	10/25/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-8	23.5 ft	VMP-8-23.5	11/10/2009																							
		VMP - 8 - 23.5 - 083010	8/30/2010																							
		VMP-8-23.5-111910	11/19/2010																							
		VMP-8-23.5-021011	2/10/2011																							
		VMP-8-23.5-040711	4/7/2011																							
		VMP-8-23.5-040711-DUP	4/7/2011																							
		VMP-8-23.5-081011	8/10/2011																							
		VMP-8-23.5-110611	11/6/2011																							
		VMP-8-23.5-012312	1/23/2012																							
		VMP-8-23.5-041012	4/10/2012																							
		VMP-8-23.5-071312	7/13/2012																							
		VMP-8-23.5-100412	10/4/2012																							
		VMP-8-23.5-012413	1/24/2013																							
		VMP-8-23.5-050113	5/1/2013																							
		VMP-8-23.5-073013	7/30/2013																							
		VMP-8-23.5-073013-Dup	7/30/2013																							
		VMP-8-23.5-102213	10/22/2013																							
		VMP-8-23.5-021014	2/10/2014																							
		VMP-8-23.5-042514	4/25/2014																							
		VMP-8-23.5-073014	7/30/2014																							
		VMP-8-23.5-103114	10/31/2014																							
		VMP-8-23.5-020915	2/9/2015																							
		VMP-8-23.5-050515-R	5/5/2015																							
		VMP-8-23.5-072815	7/28/2015																							
		VMP-8-23.5-102715	10/27/2015																							
		VMP-8-23.5-012716	1/27/2016																							
		VMP-8-23.5-042916	4/29/2016																							
		VMP-8-23.5-072916	7/29/2016																							
		VMP-8-23.5-072916-DUP	7/29/2016																							
		VMP-8-23.5-102516	10/25/2016																							
	35.5 ft	VMP-8-35.5-042514	4/25/2014																							
		VMP-8-35.5-073014	7/30/2014																							
		VMP-8-35.5-103114	10/31/2014																							
		VMP-8-35.5-103114-DUP	10/31/2014																							
		VMP-8-35.5-020915	2/9/2015																							
		VMP-8-35.5-042715	4/27/2015																							
		VMP-8-35.5-072815	7/28/2015																							
		VMP-8-35.5-072815-DUP	7/28/2015																							
		VMP-8-35.5-012816	1/28/2016																							
		VMP-8-35.5-012816-DUP	1/28/2016																							
		VMP-8-35.5-042916	4/29/2016																							
		VMP-8-35.5-080316	8/3/2016																							
		VMP-8-35.5-102516	10/25/2016																							
		VMP-8-35.5-102516-Dup	10/25/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5	11/11/2009																							
		VMP-9-5-082610	8/26/2010																							
		VMP-9-5-111910	11/19/2010																							
		VMP-9-5-020811	2/8/2011																							
		VMP-9-5-040611	4/6/2011																							
		VMP-9-5-080211	8/2/2011																							
		VMP-9-5-110411	11/4/2011																							
		VMP-9-5-012612	1/26/2012																							
		VMP-9-5-041112	4/11/2012																							
		VMP-9-5-071312	7/13/2012																							
		VMP-9-5-101012	10/10/2012																							
		VMP-9-5-012513	1/25/2013																							
		VMP-9-5-021513	2/15/2013																							
		VMP-9-5-050113	5/1/2013																							
		VMP-9-5-073013	7/30/2013																							
		VMP-9-5-102213	10/22/2013																							
		VMP-9-5-122013-R	12/20/2013																							
		VMP-9-5-021114	2/11/2014																							
		VMP-9-5-043014	4/30/2014																							
		VMP-9-5-081114	8/11/2014																							
		VMP-9-5-110614	11/6/2014																							
		VMP-9-5-021115	2/11/2015																							
		VMP-9-5-050415	5/4/2015																							
		VMP-9-5-072815	7/28/2015																							
		VMP-9-5-102815	10/28/2015																							
		VMP-9-5-012816	1/28/2016																							
		VMP-9-5-042816	4/28/2016																							
		VMP-9-5-080116	8/1/2016																							
		VMP-9-5-102516	10/25/2016																							
		VMP-9-5-120916	12/9/2016																							
	11.5 ft	VMP-9-11.5	11/11/2009																							
		VMP-9-11.5-082610	8/26/2010																							
		VMP-9-11.5-111910	11/19/2010																							
		VMP-9-11.5-020911	2/9/2011																							
		VMP-9-11.5-020911-DUP	2/9/2011																							
		VMP-9-11.5-040611	4/6/2011																							
		VMP-9-11.5-080211	8/2/2011																							
		VMP-9-11.5-110411	11/4/2011																							
		VMP-9-11.5-012612	1/26/2012																							
		VMP-9-11.5-041112	4/11/2012																							
		VMP-9-11.5-071312	7/13/2012																							
		VMP-9-11.5-101012	10/10/2012																							
		VMP-9-11.5-012513	1/25/2013																							
		VMP-9-11.5-012513-DUP	1/25/2013																							
		VMP-9-11.5-050113	5/1/2013																							
		VMP-9-11.5-073013	7/30/2013																							
		VMP-9-11.5-102213	10/22/2013																							
		VMP-9-11.5-122013-R	12/20/2013																							
		VMP-9-11.5-021114	2/11/2014																							
		VMP-9-11.5-043014	4/30/2014																							
		VMP-9-11.5-081114	8/11/2014																							
		VMP-9-11.5-110614	11/6/2014																							
		VMP-9-11.5-021115	2/11/2015																							
		VMP-9-11.5-050415	5/4/2015																							
		VMP-9-11.5-072815	7/28/2015																							
		VMP-9-11.5-102815	10/28/2015																							
		VMP-9-11.5-012816	1/28/2016																							
		VMP-9-11.5-042816	4/28/2016																							
		VMP-9-11.5-080116	8/1/2016																							
		VMP-9-11.5-080116-DUP	8/1/2016																							
		VMP-9-11.5-102516	10/25/2016																							
		VMP-9-11.5-120916	12/9/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-9	25.5 ft	VMP-9-25.5	11/10/2009																							
		VMP-9-25.5-D	11/10/2009																							
		VMP-9-25.5-082610	8/26/2010																							
		VMP-9-25.5-082610-DUP	8/26/2010																							
		VMP-9-25.5-111910	11/19/2010																							
		VMP-9-25.5-020911	2/9/2011																							
		VMP-9-25.5-040811	4/8/2011																							
		VMP-9-25.5-080211	8/2/2011																							
		VMP-9-25.5-110711	11/7/2011																							
		VMP-9-25.5-110711-DUP	11/7/2011																							
		VMP-9-25.5-012612	1/26/2012																							
		VMP-9-25.5-041112	4/11/2012																							
		VMP-9-25.5-071312	7/13/2012																							
		VMP-9-25.5-071312-Dup	7/13/2012																							
		VMP-9-25.5-101012	10/10/2012																							
		VMP-9-25.5-013013	1/30/2013																							
		VMP-9-25.5-050113	5/1/2013																							
		VMP-9-25.5-050113-Dup	5/1/2013																							
		VMP-9-25.5-073013	7/30/2013																							
		VMP-9-25.5-102213	10/22/2013																							
		VMP-9-25.5-102213-Dup	10/22/2013																							
		VMP-9-25.5-021114	2/11/2014																							
		VMP-9-25.5-043014	4/30/2014																							
		VMP-9-25.5-081114	8/11/2014																							
		VMP-9-25.5-021115	2/11/2015																							
		VMP-9-25.5-050415	5/4/2015																							
		VMP-9-25.5-052915-R	5/29/2015																							
		VMP-9-25.5-072815	7/28/2015																							
		VMP-9-25.5-102815	10/28/2015																							
		VMP-9-25.5-012816	1/28/2016																							
		VMP-9-25.5-042816	4/28/2016																							
		VMP-9-25.5-080116	8/1/2016																							
		VMP-9-25.5-102516	10/25/2016																							
		VMP-9-25.5-120916	12/9/2016																							
	38.5 ft	VMP-9-38.5	11/10/2009																							
		VMP-9-38.5-020911	2/9/2011																							
		VMP-9-38.5-040811	4/8/2011																							
		VMP-9-38.5-012612	1/26/2012																							
		VMP-9-38.5-041112	4/11/2012																							
		VMP-9-38.5-071312	7/13/2012																							
		VMP-9-38.5-101012	10/10/2012																							
		VMP-9-38.5-013013	1/30/2013																							
		VMP-9-38.5-050113	5/1/2013																							
		VMP-9-38.5-073113	7/31/2013																							
		VMP-9-38.5-102213	10/22/2013																							
		VMP-9-38.5-021114	2/11/2014																							
		VMP-9-38.5-081114	8/11/2014																							
		VMP-9-38.5-050415	5/4/2015																							
		VMP-9-38.5-050415-DUP	5/4/2015																							
		VMP-9-38.5-052915-R	5/29/2015																							
		VMP-9-38.5-072815	7/28/2015																							
		VMP-9-38.5-102815	10/28/2015																							
		VMP-9-38.5-012816	1/28/2016																							
		VMP-9-38.5-042816	4/28/2016																							
		VMP-9-38.5-072916	7/29/2016																							
		VMP-9-38.5-102516	10/25/2016																							
		VMP-9-38.5-120916	12/9/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5	11/11/2009																							
		VMP-10-5-090710	9/7/2010																							
		VMP-10-5-111810	11/17/2010																							
		VMP-10-5-021011	2/10/2011																							
		VMP-10-5-040511	4/5/2011																							
		VMP-10-5-07/2911	7/29/2011																							
		VMP-10-5-110411	11/4/2011																							
		VMP-10-5-012512	1/26/2012																							
		VMP-10-5-041212	4/12/2012																							
		VMP-10-5-071312	7/13/2012																							
		VMP-10-5-101612	10/16/2012																							
		VMP-10-5-012913	1/29/2013																							
		VMP-10-5-012913-DUP	1/29/2013																							
		VMP-10-5-043013	4/30/2013																							
		VMP-10-5-073013	7/30/2013																							
		VMP-10-5-111313	11/13/2013																							
		VMP-10-5-021214	2/12/2014																							
		VMP-10-5-022614-R	2/26/2014																							
		VMP-10-5-042914	4/29/2014																							
		VMP-10-5-073114	7/31/2014																							
		VMP-10-5-103014	10/30/2014																							
		VMP-10-5-020515	2/5/2015																							
		VMP-10-5-043015	4/30/2015																							
		VMP-10-5-072815	7/28/2015																							
		VMP-10-5-103015	10/30/2015																							
		VMP-10-5-012916	1/29/2016																							
		VMP-10-5-050216	5/2/2016																							
		VMP-10-5-082616	8/26/2016																							
		VMP-10-5-110216	11/2/2016																							
	10 ft	VMP-10-10	11/11/2009																							
		VMP-10-10-090710	9/7/2010																							
		VMP-10-10-111810	11/17/2010																							
		VMP-10-10-021111	2/11/2011																							
		VMP-10-10-040611	4/6/2011																							
		VMP-10-10-072911	7/29/2011																							
		VMP-10-10-110411	11/4/2011																							
		VMP-10-10-110411-DUP	11/4/2011																							
		VMP-10-10-012512	1/26/2012																							
		VMP-10-10-012512-DUP	1/26/2012																							
		VMP-10-10-041112	4/11/2012																							
		VMP-10-10-071312	7/13/2012																							
		VMP-10-10-101612	10/16/2012																							
		VMP-10-10-012913	1/29/2013																							
		VMP-10-10-043013	4/30/2013																							
		VMP-10-10-073013	7/30/2013																							
		VMP-10-10-111313	11/13/2013																							
		VMP-10-10-021214	2/12/2014																							
		VMP-10-10-042914	4/29/2014																							
		VMP-10-10-073114	7/31/2014																							
		VMP-10-10-103014	10/30/2014																							
		VMP-10-10-020515	2/5/2015																							
		VMP-10-10-043015	4/30/2015																							
		VMP-10-10-072815	7/28/2015																							
		VMP-10-10-103015	10/30/2015																							
		VMP-10-10-021616	2/16/2016																							
		VMP-10-10-050216	5/2/2016																							
		VMP-10-10-072816	7/28/2016																							
		VMP-10-10-110216	11/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-10	20 ft	VMP-10-20	11/11/2009																							
		VMP-10-20-D	11/11/2009																							
		VMP-10-20-090710	9/7/2010																							
		VMP-10-20-090710-DUP	9/7/2010																							
		VMP-10-20-111810	11/17/2010																							
		VMP-10-20-111810-Dup	11/17/2010																							
		VMP-10-20-021111	2/11/2011																							
		VMP-10-20-040611	4/6/2011																							
		VMP-10-20-072911	7/29/2011																							
		VMP-10-20-110411	11/4/2011																							
		VMP-10-20-012612	1/26/2012																							
		VMP-10-20-041212	4/12/2012																							
		VMP-10-20-071612	7/16/2012																							
		VMP-10-20-101612	10/16/2012																							
		VMP-10-20-012913	1/29/2013																							
		VMP-10-20-043013	4/30/2013																							
		VMP-10-20-073013	7/30/2013																							
		VMP-10-20-102313	10/23/2013																							
		VMP-10-20-021214	2/12/2014																							
		VMP-10-20-042914	4/29/2014																							
		VMP-10-20-073114	7/31/2014																							
		VMP-10-20-103014	10/30/2014																							
		VMP-10-20-020515	2/5/2015																							
		VMP-10-20-043015	4/30/2015																							
		VMP-10-20-072815	7/28/2015																							
		VMP-10-20-072815-DUP	7/28/2015																							
		VMP-10-20-103015	10/30/2015																							
		VMP-10-20-012916	1/29/2016																							
		VMP-10-20-050216	5/2/2016																							
		VMP-10-20-072816	7/28/2016																							
		VMP-10-20-110216	11/2/2016																							
	30 ft	VMP-10-30	11/13/2009																							
		VMP-10-30-041212	4/12/2012																							
		VMP-10-30-071612	7/16/2012																							
		VMP-10-30-101612	10/16/2012																							
		VMP-10-30-012913	1/29/2013																							
		VMP-10-30-043013	4/30/2013																							
		VMP-10-30-073013	7/30/2013																							
		VMP-10-30-102813	10/28/2013																							
		VMP-10-30-021214	2/12/2014																							
		VMP-10-30-042914	4/29/2014																							
		VMP-10-30-073114	7/31/2014																							
		VMP-10-30-073114-Dup	7/31/2014																							
		VMP-10-30-103014	10/30/2014																							
		VMP-10-30-103014-DUP	10/30/2014																							
		VMP-10-30-020515	2/5/2015																							
		VMP-10-30-020515-DUP	2/5/2015																							
		VMP-10-30-043015	4/30/2015																							
		VMP-10-30-072815	7/28/2015																							
		VMP-10-30-103015	10/30/2015																							
		VMP-10-30-012916-DUP	1/29/2016																							
		VMP-10-30-050216	5/2/2016																							
		VMP-10-30-050216-DUP	5/2/2016																							
		VMP-10-30-072816	7/28/2016																							
		VMP-10-30-110216	11/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-11	5 ft	VMP-11-5	11/17/2009																							
		VMP-11-5-090710	9/7/2010																							
		VMP-11-5-112210	11/22/2010																							
		VMP-11-5-021511	2/15/2011																							
		VMP-11-5-040611	4/6/2011																							
		VMP-11-5-080711	8/7/2011																							
		VMP-11-5-111111	11/11/2011																							
		VMP-11-5-012612	1/26/2012																							
		VMP-11-5-041912	4/19/2012																							
		VMP-11-5-071912	7/16/2012																							
		VMP-11-5-101612	10/16/2012																							
		VMP-11-5-012913	1/29/2013																							
		VMP-11-5-043013	4/30/2013																							
		VMP-11-5-073113	7/31/2013																							
		VMP-11-5-102813	10/28/2013																							
		VMP-11-5-022114	2/21/2014																							
		VMP-11-5-043014	4/30/2014																							
		VMP-11-5-073114	7/31/2014																							
		VMP-11-5-103014	10/30/2014																							
		VMP-11-5-020515	2/5/2015																							
		VMP-11-5-043015	4/30/2015																							
		VMP-11-5-072815	7/28/2015																							
		VMP-11-5-103015	10/30/2015																							
		VMP-11-5-012916	1/29/2016																							
		VMP-11-5-050216	5/2/2016																							
		VMP-11-5-080116	8/1/2016																							
		VMP-11-5-110116	11/1/2016																							
	8 ft	VMP-11-8	11/17/2009																							
		VMP-11-8-090810	9/8/2010																							
		VMP-11-8-112210	11/22/2010																							
		VMP-11-8-021111	2/11/2011																							
		VMP-11-8-021111-DUP	2/11/2011																							
		VMP-11-8-040611	4/6/2011																							
		VMP-11-8-040611-DUP	4/6/2011																							
		VMP-11-8-080711	8/7/2011																							
		VMP-11-8-111411	11/14/2011																							
		VMP-11-8-012612	1/26/2012																							
		VMP-11-8-041912	4/19/2012																							
		VMP-11-8-072012	7/20/2012																							
		VMP-11-8-101612	10/16/2012																							
		VMP-11-8-101612-Dup	10/16/2012																							
		VMP-11-8-012913	1/29/2013																							
		VMP-11-8-050113	5/1/2013																							
		VMP-11-8-080113	8/1/2013																							
		VMP-11-8-102813	10/28/2013																							
		VMP-11-8-022114	2/21/2014																							
		VMP-11-8-043014	4/30/2014																							
		VMP-11-8-073114	7/31/2014																							
		VMP-11-8-111014-R	11/10/2014																							
		VMP-11-8-020515	2/5/2015																							
		VMP-11-8-043015	4/30/2015																							
		VMP-11-8-072815	7/28/2015																							
		VMP-11-8-103015	10/30/2015																							
		VMP-11-8-012916	1/29/2016																							
		VMP-11-8-050616	5/6/2016																							
		VMP-11-8-080116	8/1/2016																							
		VMP-11-8-110116	11/1/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-11	29 ft	VMP-11-29	11/18/2009																							
		VMP-11-29-090810	9/8/2010																							
		VMP-11-29-112210	11/22/2010																							
		VMP-11-29-112210-Dup	11/22/2010																							
		VMP-11-29-021411	2/14/2011																							
		VMP-11-29-040611	4/6/2011																							
		VMP-11-29-082511	8/25/2011																							
		VMP-11-29-082511-Dup	8/25/2011																							
		VMP-11-29-111411	11/14/2011																							
		VMP-11-29-012612	1/26/2012																							
		VMP-11-29-042712	4/27/2012																							
		VMP-11-29-072012	7/23/2012																							
		VMP-11-29-101612	10/16/2012																							
		VMP-11-29-012913	1/29/2013																							
		VMP-11-29-043013	4/30/2013																							
		VMP-11-29-073113	7/31/2013																							
		VMP-11-29-102813	10/28/2013																							
		VMP-11-29-022114	2/21/2014																							
		VMP-11-29-043014	4/30/2014																							
		VMP-11-29-073114	7/31/2014																							
		VMP-11-29-103014	10/30/2014																							
		VMP-11-29-103014-DUP	10/30/2014																							
		VMP-11-29-020515	2/5/2015																							
		VMP-11-29-020515-DUP	2/5/2015																							
		VMP-11-29-043015	4/30/2015																							
		VMP-11-29-072815	7/28/2015																							
		VMP-11-29-110515	11/5/2015																							
		VMP-11-29-012916	1/29/2016																							
		VMP-11-29-050216	5/2/2016																							
		VMP-11-29-080216	8/2/2016																							
		VMP-11-29-110116	11/1/2016																							
	38 ft	VMP-11-38	11/18/2009																							
		VMP-11-38-042312	4/23/2012																							
		VMP-11-38-042312-Dup	4/23/2012																							
		VMP-11-38-072312	7/23/2012																							
		VMP-11-38-101612	10/16/2012																							
		VMP-11-38-013013	1/30/2013																							
		VMP-11-38-043013	4/30/2013																							
		VMP-11-38-073113	7/31/2013																							
		VMP-11-38-073113-Dup	7/31/2013																							
		VMP-11-38-102813	10/28/2013																							
		VMP-11-38-022114	2/21/2014																							
		VMP-11-38-043014	4/30/2014																							
		VMP-11-38-073114	7/31/2014																							
		VMP-11-38-103014	10/30/2014																							
		VMP-11-38-020515	2/5/2015																							
		VMP-11-38-043015	4/30/2015																							
		VMP-11-38-072815	7/28/2015																							
		VMP-11-38-103015	10/30/2015																							
		VMP-11-38-103015-DUP	10/30/2015																							
		VMP-11-38-012916	1/29/2016																							
		VMP-11-38-050216	5/2/2016																							
		VMP-11-38-050216-DUP	5/2/2016																							
		VMP-11-38-080216	8/2/2016																							
		VMP-11-38-110216	11/2/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-12	5 ft	VMP-12-5	11/13/2009																								
		VMP-12-5-090310	9/3/2010																								
		VMP-12-5-120310	12/3/2010																								
		VMP-12-5-021511	2/15/2011																								
		VMP-12-5-041911	4/19/2011																								
		VMP-12-5-080411	8/4/2011																								
		VMP-12-5-111611	11/16/2011																								
		VMP-12-5-012412	1/24/2012																								
		VMP-12-5-041912	4/19/2012																								
		VMP-12-5-072612	7/26/2012																								
		VMP-12-5-072612-Dup	7/26/2012																								
		VMP-12-5-102412	10/24/2012																								
		VMP-12-5-021813	2/18/2013																								
		VMP-12-5-051013	5/10/2013																								
		VMP-12-5-081213	8/12/2013																								
		VMP-12-5-111413	11/14/2013																								
		VMP-12-5-031914-R	3/19/2014																								
		VMP-12-5-050214	5/2/2014																								
		VMP-12-5-081514	8/15/2014																								
		VMP-12-5-110714	11/10/2014																								
		VMP-12-5-021115	2/11/2015																								
		VMP-12-5-050715	5/7/2015																								
		VMP-12-5-073115	7/31/2015																								
		VMP-12-5-110415	11/4/2015																								
		VMP-12-5-020316	2/3/2016																								
		VMP-12-5-050416	5/4/2016																								
		VMP-12-5-080316	8/3/2016																								
		VMP-12-5-103116	10/31/2016																								
	11.5 ft	VMP-12-11.5	11/13/2009																								
		VMP-12-11.5-090310	9/3/2010																								
		VMP-12-11.5-120310	12/3/2010																								
		VMP-12-11.5-021511	2/15/2011																								
		VMP-12-11.5-021511-DUP	2/15/2011																								
		VMP-12-11.5-041911	4/19/2011																								
		VMP-12-11.5-080411	8/4/2011																								
		VMP-12-11.5-111611	11/16/2011																								
		VMP-12-11.5-012412	1/24/2012																								
		VMP-12-11.5-041912	4/19/2012																								
		VMP-12-11.5-082012	8/20/2012																								
		VMP-12-11.5-102612	10/26/2012																								
		VMP-12-11.5-021813	2/18/2013																								
		VMP-12-11.5-051013	5/10/2013																								
		VMP-12-11.5-081213	8/12/2013																								
		VMP-12-11.5-111413	11/14/2013																								
		VMP-12-11.5-022814	2/28/2014																								
		VMP-12-11.5-050214	5/2/2014																								
		VMP-12-11.5-081514	8/15/2014																								
		VMP-12-11.5-110714	11/7/2014																								
		VMP-12-11.5-021115	2/11/2015																								
		VMP-12-11.5-050715	5/7/2015																								
		VMP-12-11.5-073115	7/31/2015																								
		VMP-12-11.5-110415	11/4/2015																								
		VMP-12-11.5-020316	2/3/2016																								
		VMP-12-11.5-050416	5/4/2016																								
		VMP-12-11.5-080316	8/3/2016																								
		VMP-12-11.5-110316	11/3/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-12	25 ft	VMP-12-25	11/13/2009																							
		VMP-12-25-090310	9/3/2010																							
		VMP-12-25-120310	12/3/2010																							
		VMP-12-25-021511	2/15/2011																							
		VMP-12-25-041911	4/19/2011																							
		VMP-12-25-080411	8/4/2011																							
		VMP-12-25-111611	11/16/2011																							
		VMP-12-25-012412	1/24/2012																							
		VMP-12-25-012412-DUP	1/24/2012																							
		VMP-12-25-041912	4/19/2012																							
		VMP-12-25-072712	7/27/2012																							
		VMP-12-25-072712-Dup	7/27/2012																							
		VMP-12-25-102512	10/25/2012																							
		VMP-12-25-021513	2/15/2013																							
		VMP-12-25-051013	5/10/2013																							
		VMP-12-25-081213	8/12/2013																							
		VMP-12-25-111413	11/14/2013																							
		VMP-12-25-022814	2/28/2014																							
		VMP-12-25-050214	5/2/2014																							
		VMP-12-25-081514	8/15/2014																							
		VMP-12-25-110714	11/7/2014																							
		VMP-12-25-021115	2/11/2015																							
		VMP-12-25-050715	5/7/2015																							
		VMP-12-25-073115	7/31/2015																							
		VMP-12-25-110415	11/4/2015																							
		VMP-12-25-021616	2/16/2016																							
		VMP-12-25-021616-DUP	2/16/2016																							
		VMP-12-25-050416	5/4/2016																							
		VMP-12-25-080316	8/3/2016																							
		VMP-12-25-103116	10/31/2016																							
		VMP-12-25-103116-Dup	10/31/2016																							
	39 ft	VMP-12-39	11/13/2009																							
		VMP-12-39-041911	4/19/2011																							
		VMP-12-39-012412	1/24/2012																							
		VMP-12-39-041912	4/19/2012																							
		VMP-12-39-072612	7/26/2012																							
		VMP-12-39-102412	10/24/2012																							
		VMP-12-39-021513	2/15/2013																							
		VMP-12-39-051013	5/10/2013																							
		VMP-12-39-081213	8/12/2013																							
		VMP-12-39-111413	11/14/2013																							
		VMP-12-39-022814	2/28/2014																							
		VMP-12-39-050214	5/2/2014																							
		VMP-12-39-081514	8/15/2014																							
		VMP-12-39-081514-Dup	8/15/2014																							
		VMP-12-39-110714	11/7/2014																							
		VMP-12-39-021115	2/11/2015																							
		VMP-12-39-050715	5/7/2015																							
		VMP-12-39-050715-DUP	5/7/2015																							
		VMP-12-39-061515-Dup-R	6/15/2015																							
		VMP-12-39-061515-R	6/15/2015																							
		VMP-12-39-073115	7/31/2015																							
		VMP-12-39-073115-DUP	7/31/2015																							
		VMP-12-39-110415	11/4/2015																							
		VMP-12-39-020316	2/3/2016																							
		VMP-12-39-050416	5/4/2016																							
		VMP-12-39-080316	8/3/2016																							
		VMP-12-39-110316	11/3/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5	11/16/2009																							
		VMP 13-5-091310	9/13/2010																							
		VMP-13-5-120110	12/1/2010																							
		VMP-13-5-021811	2/18/2011																							
		VMP-13-5-040511	4/5/2011																							
		VMP-13-5-080911	8/9/2011																							
		VMP-13-5-080911-DUP	8/9/2011																							
		VMP-13-5-111411	11/14/2011																							
		VMP-13-5-012712	1/27/2012																							
		VMP-13-5-042012	4/20/2012																							
		VMP-13-5-071912	7/19/2012																							
		VMP-13-5-071912-Dup	7/19/2012																							
		VMP-13-5-100912	10/9/2012																							
		VMP-13-5-012913	1/29/2013																							
		VMP-13-5-050113	5/1/2013																							
		VMP-13-5-073113	7/31/2013																							
		VMP-13-5-111513	11/15/2013																							
		VMP-13-5-022114	2/21/2014																							
		VMP-13-5-050114	5/1/2014																							
		VMP-13-5-080814	8/8/2014																							
		VMP-13-5-103014	10/30/2014																							
		VMP-13-5-020515	2/5/2015																							
		VMP-13-5-043015	4/30/2015																							
		VMP-13-5-072715	7/27/2015																							
		VMP-13-5-110215	11/2/2015																							
		VMP-13-5-012616	1/26/2016																							
		VMP-13-5-050316	5/3/2016																							
		VMP-13-5-072916	7/29/2016																							
		VMP-13-5-110216	11/2/2016																							
	10.5 ft	VMP-13-10.5	11/17/2009																							
		VMP-13-10.5-D	11/17/2009																							
		VMP 13-10.5-091310	9/13/2010																							
		VMP 13-10.5-091310-Dup	9/13/2010																							
		VMP-13-10.5-120110	12/1/2010																							
		VMP-13-10.5-120110-DUP	12/1/2010																							
		VMP-13-10.5-021811	2/18/2011																							
		VMP-13-10.5-021811-DUP	2/18/2011																							
		VMP-13-10.5-040511-DUP	4/5/2011																							
		VMP-13-10.5-080911	8/9/2011																							
		VMP-13-10.5-111411	11/14/2011																							
		VMP-13-10.5-012712	1/26/2012																							
		VMP-13-10.5-012712-DUP	1/26/2012																							
		VMP-13-10.5-042012	4/20/2012																							
		VMP-13-10.5-071912	7/19/2012																							
		VMP-13-10.5-100912	10/9/2012																							
		VMP-13-10.5-100912-Dup	10/9/2012																							
		VMP-13-10.5-013013	1/30/2013																							
		VMP-13-10.5-050113	5/1/2013																							
		VMP-13-10.5-073113	7/31/2013																							
		VMP-13-10.5-092013	9/20/2013																							
		VMP-13-10.5-111513	11/15/2013																							
		VMP-13-10.5-111513-Dup	11/15/2013																							
		VMP-13-10.5-022114	2/21/2014																							
		VMP-13-10.5-050114	5/1/2014																							
		VMP-13-10.5-080814	8/8/2014																							
		VMP-13-10.5-103014	10/30/2014																							
		VMP-13-10.5-020515	2/5/2015																							
		VMP-13-10.5-043015	4/30/2015																							
		VMP-13-10.5-072715	7/27/2015																							
		VMP-13-10.5-110215	11/2/2015																							
		VMP-13-10.5-012616	1/26/2016																							
		VMP-13-10.5-050316	5/3/2016																							
		VMP-13-10.5-072916	7/29/2016																							
		VMP-13-10.5-110216	11/2/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-13	21.5 ft	VMP-13-21.5	11/17/2009																							
		VMP 13-21.5-091310	9/13/2010																							
		VMP-13-21.5-120110	12/1/2010																							
		VMP-13-21.5-021811	2/18/2011																							
		VMP-13-21.5-040511	4/5/2011																							
		VMP-13-21.5-080911	8/9/2011																							
		VMP-13-21.5-111411	11/14/2011																							
		VMP-13-21.5-111411-DUP	11/14/2011																							
		VMP-13-21.5-012712	1/27/2012																							
		VMP-13-21.5-042012	4/20/2012																							
		VMP-13-21.5-071912	7/19/2012																							
		VMP-13-21.5-100912	10/9/2012																							
		VMP-13-21.5-013013	1/30/2013																							
		VMP-13-21.5-050113	5/1/2013																							
		VMP-13-21.5-073113	7/31/2013																							
		VMP-13-21.5-102813	10/28/2013																							
		VMP-13-21.5-102813-Dup	10/28/2013																							
		VMP-13-21.5-022114	2/21/2014																							
		VMP-13-21.5-050114	5/1/2014																							
		VMP-13-21.5-080814	8/8/2014																							
		VMP-13-21.5-103014	10/30/2014																							
		VMP-13-21.5-020515	2/5/2015																							
		VMP-13-21.5-043015	4/30/2015																							
		VMP-13-21.5-072715	7/27/2015																							
		VMP-13-21.5-112515	11/25/2015																							
		VMP-13-21.5-012616	1/26/2016																							
		VMP-13-21.5-050316	5/3/2016																							
		VMP-13-21.5-050316-DUP	5/3/2016																							
		VMP-13-21.5-072916	7/29/2016																							
		VMP-13-21.5-110216	11/2/2016																							
	29.5 ft	VMP-13-29.5	11/17/2009																							
		VMP-13-29.5-021811	2/18/2011																							
		VMP-13-29.5-040511	4/5/2011																							
		VMP-13-29.5-013012	1/30/2012																							
		VMP-13-29.5-042012	4/20/2012																							
		VMP-13-29.5-071912	7/19/2012																							
		VMP-13-29.5-100912	10/9/2012																							
		VMP-13-29.5-013013	1/30/2013																							
		VMP-13-29.5-050113	5/1/2013																							
		VMP-13-29.5-073113	7/31/2013																							
		VMP-13-29.5-102813	10/28/2013																							
		VMP-13-29.5-022114	2/21/2014																							
		VMP-13-29.5-022114-Dup	2/21/2014																							
		VMP-13-29.5-050114	5/1/2014																							
		VMP-13-29.5-080814	8/8/2014																							
		VMP-13-29.5-103014	10/30/2014																							
		VMP-13-29.5-020515	2/5/2015																							
		VMP-13-29.5-043015	4/30/2015																							
		VMP-13-29.5-072715	7/27/2015																							
		VMP-13-29.5-072715-DUP	7/27/2015																							
		VMP-13-29.5-110215	11/2/2015																							
		VMP-13-29.5-110215-DUP	11/2/2015																							
		VMP-13-29.5-012616	1/26/2016																							
		VMP-13-29.5-050316	5/3/2016																							
		VMP-13-29.5-082616-R	8/29/2016																							
		VMP-13-29.5-110216	11/2/2016																							
		VMP-13-29.5-110216-Dup	11/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5	11/20/2009																							
		VMP 14-5-091010	9/10/2010																							
		VMP-14-5-120110	12/1/2010																							
		VMP-14-5-021711	2/17/2011																							
		VMP-14-5-040511	4/5/2011																							
		VMP-14-5-080811	8/8/2011																							
		VMP-14-5-111411	11/14/2011																							
		VMP-14-5-042012	4/20/2012																							
		VMP-14-5-072312	7/23/2012																							
		VMP-14-5-101012	10/10/2012																							
		VMP-14-5-013113	1/31/2013																							
		VMP-14-5-050113	5/1/2013																							
		VMP-14-5-111113	11/11/2013																							
		VMP-14-5-022614	2/26/2014																							
		VMP-14-5-050114	5/1/2014																							
		VMP-14-5-081114	8/11/2014																							
		VMP-14-5-103014	10/30/2014																							
		VMP-14-5-020615	2/6/2015																							
		VMP-14-5-043015	4/30/2015																							
		VMP-14-5-072915	7/29/2015																							
		VMP-14-5-110215	11/2/2015																							
		VMP-14-5-012616	1/26/2016																							
		VMP-14-5-050316	5/3/2016																							
		VMP14-5-072916	7/29/2016																							
		VMP-14-5-110216	11/2/2016																							
	11.5 ft	VMP-14-11.5	11/16/2009																							
		VMP 14-11.5-091010	9/10/2010																							
		VMP-14-11.5-120110	12/2/2010																							
		VMP-14-11.5-120110-DUP	12/2/2010																							
		VMP-14-11.5-021711	2/17/2011																							
		VMP-14-11.5-021711-DUP	2/17/2011																							
		VMP-14-11.5-040511	4/5/2011																							
		VMP-14-11.5-080811	8/8/2011																							
		VMP-14-11.5-111511	11/15/2011																							
		VMP-14-11.5-012612	1/26/2012																							
		VMP-14-11.5-042312	4/23/2012																							
		VMP-14-11.5-042312-Dup	4/23/2012																							
		VMP-14-11.5-072512	7/25/2012																							
		VMP-14-11.5-101012	10/10/2012																							
		VMP-14-11.5-013113	1/31/2013																							
		VMP-14-11.5-050113	5/1/2013																							
		VMP-14-11.5-080113	8/1/2013																							
		VMP-14-11.5-111113	11/11/2013																							
		VMP-14-11.5-022614	2/26/2014																							
		VMP-14-11.5-050114	5/1/2014																							
		VMP-14-11.5-081114	8/11/2014																							
		VMP-14-11.5-103014	10/30/2014																							
		VMP-14-11.5-020615	2/6/2015																							
		VMP-14-11.5-043015	4/30/2015																							
		VMP-14-11.5-072915	7/29/2015																							
		VMP-14-11.5-110215	11/2/2015																							
		VMP-14-11.5-012616	1/26/2016																							
		VMP-14-11.5-050316	5/3/2016																							
		VMP-14-11.5-072916	7/29/2016																							
		VMP-14-11.5-110216	11/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-14	20 ft	VMP-14-20	11/16/2009																							
		VMP 14-20-091010	9/10/2010																							
		VMP 14-20-091010-Dup	9/10/2010																							
		VMP-14-20-120110	12/2/2010																							
		VMP-14-20-021811	2/18/2011																							
		VMP-14-20-040511	4/5/2011																							
		VMP-14-20-080811	8/8/2011																							
		VMP-14-20-111511	11/15/2011																							
		VMP-14-20-012612	1/26/2012																							
		VMP-14-20-042312	4/23/2012																							
		VMP-14-20-072512	7/25/2012																							
		VMP-14-20-101612	10/16/2012																							
		VMP-14-20-013113	1/31/2013																							
		VMP-14-20-050113	5/1/2013																							
		VMP-14-20-050113-Dup	5/1/2013																							
		VMP-14-20-080113	8/1/2013																							
		VMP-14-20-111113	11/11/2013																							
		VMP-14-20-022614	2/26/2014																							
		VMP-14-20-050114	5/1/2014																							
		VMP-14-20-081114	8/11/2014																							
		VMP-14-20-103014	10/30/2014																							
		VMP-14-20-020615	2/6/2015																							
		VMP-14-20-043015	4/30/2015																							
		VMP-14-20-072915	7/29/2015																							
		VMP-14-20-110215	11/2/2015																							
		VMP-14-20-012616	1/26/2016																							
		VMP-14-20-050416	5/4/2016																							
		VMP-14-20-072916	7/29/2016																							
	29 ft	VMP-14-29	11/16/2009																							
		VMP-14-29-021811	2/18/2011																							
		VMP-14-29-040511	4/5/2011																							
		VMP-14-29-012612	1/26/2012																							
		VMP-14-29-042312	4/23/2012																							
		VMP-14-29-072512	7/25/2012																							
		VMP-14-29-101612	10/16/2012																							
		VMP-14-29-013113-DUP	1/31/2013																							
		VMP-14-29-013113	1/31/2013																							
		VMP-14-29-050213	5/2/2013																							
		VMP-14-29-080113	8/1/2013																							
		VMP-14-29-111113	11/11/2013																							
		VMP-14-29-022614	2/26/2014																							
		VMP-14-29-022614-Dup	2/26/2014																							
		VMP-14-29-050114	5/1/2014																							
		VMP-14-29-050114-Dup	5/1/2014																							
		VMP-14-29-081114	8/11/2014																							
		VMP-14-29-081114-DUP	8/11/2014																							
		VMP-14-29-103014	10/30/2014																							
		VMP-14-29-020615	2/6/2015																							
		VMP-14-29-043015	4/30/2015																							
		VMP-14-29-043015-DUP	4/30/2015																							
		VMP-14-29-072915	7/29/2015																							
		VMP-14-29-110215	11/2/2015																							
		VMP-14-29-012616	1/26/2016																							
		VMP-14-29-012616-DUP	1/26/2016																							
		VMP-14-29-050316	5/3/2016																							
		VMP-14-29-072916	7/29/2016																							
		VMP-14-29-072916-DUP	7/29/2016																							
		VMP-14-29-110216	11/2/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-15	5 ft	VMP-15-5	11/18/2009																							
		VMP-15-5-D	11/18/2009																							
		VMP 15-5-091410	9/14/2010																							
		VMP-15-5-113010	11/30/2010																							
		VMP-15-5-021611	2/16/2011																							
		VMP-15-5-042011	4/20/2011																							
		VMP-15-5-080811	8/8/2011																							
		VMP-15-5-111511	11/15/2011																							
		VMP-15-5-020112	2/1/2012																							
		VMP-15-5-042412	4/24/2012																							
		VMP-15-5-072512	7/25/2012																							
		VMP-15-5-102512	10/25/2012																							
		VMP-15-5-020513	2/5/2013																							
		VMP-15-5-050913	5/9/2013																							
		VMP-15-5-080813	8/8/2013																							
		VMP-15-5-111113	11/11/2013																							
		VMP-15-5-022714	2/27/2014																							
		VMP-15-5-050514	5/5/2014																							
		VMP-15-5-081414	8/14/2014																							
		VMP-15-5-110614	11/6/2014																							
		VMP-15-5-020615	2/6/2015																							
		VMP-15-5-050415	5/4/2015																							
		VMP-15-5-072915	7/29/2015																							
		VMP-15-5-110415	11/4/2015																							
		VMP-15-5-020316	2/3/2016																							
		VMP-15-5-050316	5/3/2016																							
		VMP-15-5-080216	8/2/2016																							
		VMP-15-5-110116	11/1/2016																							
	21.5 ft	VMP-15-21.5	11/18/2009																							
		VMP 15-21.5-091410	9/14/2010																							
		VMP-15-21.5-113010	11/30/2010																							
		VMP-15-21.5-021611	2/16/2011																							
		VMP-15-21.5-042011	4/20/2011																							
		VMP-15-21.5-080811	8/8/2011																							
		VMP-15-21.5-111511	11/15/2011																							
		VMP-15-21.5-020112	2/1/2012																							
		VMP-15-21.5-042412	4/24/2012																							
		VMP-15-21.5-072512	7/25/2012																							
		VMP-15-21.5-102512	10/25/2012																							
		VMP-15-21.5-102512-Dup	10/25/2012																							
		VMP-15-21.5-020713	2/7/2013																							
		VMP-15-21.5-051513	5/15/2013																							
		VMP-15-21.5-080813	8/8/2013																							
		VMP-15-21.5-111113	11/11/2013																							
		VMP-15-21.5-111113-Dup	11/11/2013																							
		VMP-15-21.5-022714	2/27/2014																							
		VMP-15-21.5-050514	5/5/2014																							
		VMP-15-21.5-081414	8/14/2014																							
		VMP-15-21.5-110614	11/6/2014																							
		VMP-15-21.5-020615	2/6/2015																							
		VMP-15-21.5-050415	5/4/2015																							
		VMP-15-21.5-072915	7/29/2015																							
		VMP-15-21.5-110415	11/4/2015																							
		VMP-15-21.5-020316	2/3/2016																							
		VMP-15-21.5-050316	5/3/2016																							
		VMP-15-21.5-080216	8/2/2016																							
		VMP-15-21.5-110116	11/1/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-15	25.5 ft	VMP-15-25.5	11/18/2009																							
		VMP 15-25.5-091410	9/14/2010																							
		VMP-15-25.5-021611	2/16/2011																							
		VMP-15-25.5-042011	4/20/2011																							
		VMP-15-25.5-042011-DUP	4/20/2011																							
		VMP-15-25.5-080811	8/8/2011																							
		VMP-15-25.5-111511	11/15/2011																							
		VMP-15-25.5-073112	7/31/2012																							
		VMP-15-25.5-102512	10/25/2012																							
		VMP-15-25.5-021213	2/12/2013																							
		VMP-15-25.5-050913	5/9/2013																							
		VMP-15-25.5-080813	8/8/2013																							
		VMP-15-25.5-111113	11/11/2013																							
		VMP-15-25.5-022714	2/27/2014																							
		VMP-15-25.5-050514	5/5/2014																							
		VMP-15-25.5-081414	8/14/2014																							
		VMP-15-25.5-110614	11/6/2014																							
		VMP-15-25.5-110614-DUP	11/6/2014																							
		VMP-15-25.5-020615	2/6/2015																							
		VMP-15-25.5-050415	5/4/2015																							
		VMP-15-25.5-072915	7/29/2015																							
		VMP-15-25.5-110415	11/4/2015																							
		VMP-15-25.5-020316	2/3/2016																							
		VMP-15-25.5-050316	5/3/2016																							
		VMP-15-25.5-080216	8/2/2016																							
		VMP-15-25.5-110116	11/1/2016																							
		VMP-15-25.5-110116-Dup	11/1/2016																							
	29 ft	VMP-15-29	11/19/2009																							
		VMP-15-29-073112	7/31/2012																							
		VMP-15-29-102512	10/25/2012																							
		VMP-15-29-021213	2/12/2013																							
		VMP-15-29-050913	5/9/2013																							
		VMP-15-29-080813	8/8/2013																							
		VMP-15-29-111113	11/11/2013																							
		VMP-15-29-022714	2/27/2014																							
		VMP-15-29-022714-Dup	2/27/2014																							
		VMP-15-29-081414	8/14/2014																							
		VMP-15-29-110614	11/6/2014																							
		VMP-15-29-020615	2/6/2015																							
		VMP-15-29-020615-DUP	2/6/2015																							
		VMP-15-29-050415	5/4/2015																							
		VMP-15-29-072915	7/29/2015																							
		VMP-15-29-072915-DUP	7/29/2015																							
		VMP-15-29-110415	11/4/2015																							
		VMP-15-29-020316	2/3/2016																							
		VMP-15-29-050316	5/3/2016																							
		VMP-15-29-080216	8/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5	11/20/2009																							
		VMP-16-5-090210	9/2/2010																							
		VMP-16-5-112910	11/29/2010																							
		VMP-16-5-021511	2/15/2011																							
		VMP-16-5-042211	4/22/2011																							
		VMP-16-5-080511	8/5/2011																							
		VMP-16-5-042512	4/25/2012																							
		VMP-16-5-073012	7/30/2012																							
		VMP-16-5-102512	10/25/2012																							
		VMP-16-5-021413	2/14/2013																							
		VMP-16-5-042313	4/23/2013																							
		VMP-16-5-081313	8/13/2013																							
		VMP-16-5-111513	11/15/2013																							
		VMP-16-5-030614	3/6/2014																							
		VMP-16-5-050214	5/2/2014																							
		VMP-16-5-081514	8/15/2014																							
		VMP-16-5-110714	11/7/2014																							
		VMP-16-5-021115	2/11/2015																							
		VMP-16-5-050715	5/7/2015																							
		VMP-16-5-073115	7/31/2015																							
		VMP-16-5-110415	11/4/2015																							
		VMP-16-5-020316	2/3/2016																							
		VMP-16-5-050416	5/4/2016																							
		VMP-16-5-080316	8/3/2016																							
		VMP-16-5-103116	10/31/2016																							
	13.5 ft	VMP-16-13.5	11/19/2009																							
		VMP-16-13.5-090210	9/2/2010																							
		VMP-16-13.5-090210-DUP	9/2/2010																							
		VMP-16-13.5-112910	11/29/2010																							
		VMP-16-13.5-021611	2/16/2011																							
		VMP-16-13.5-021611-DUP	2/16/2011																							
		VMP-16-13.5-042211	4/22/2011																							
		VMP-16-13.5-080511	8/5/2011																							
		VMP-16-13.5-042512	4/25/2012																							
		VMP-16-13.5-073012	7/30/2012																							
		VMP-16-13.5-102512	10/25/2012																							
		VMP-16-13.5-021413	2/14/2013																							
		VMP-16-13.5-042313	4/23/2013																							
		VMP-16-13.5-081313	8/13/2013																							
		VMP-16-13.5-081313-Dup	8/13/2013																							
		VMP-16-13.5-111513	11/15/2013																							
		VMP-16-13.5-030614	3/6/2014																							
		VMP-16-13.5-050214	5/2/2014																							
		VMP-16-13.5-050214-Dup	5/2/2014																							
		VMP-16-13.5-081514	8/15/2014																							
		VMP-16-13.5-110714	11/7/2014																							
		VMP-16-13.5-110714-DUP	11/7/2014																							
		VMP-16-13.5-021115	2/11/2015																							
		VMP-16-13.5-050715	5/7/2015																							
		VMP-16-13.5-073115	7/31/2015																							
		VMP-16-13.5-110415	11/4/2015																							
		VMP-16-13.5-020316	2/3/2016																							
		VMP-16-13.5-052516-R	5/25/2016																							
		VMP-16-13.5-080316	8/3/2016																							
		VMP-16-13.5-103116	10/31/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-16	19 ft	VMP-16-19	11/19/2009																							
		VMP-16-19-090210	9/2/2010																							
		VMP-16-19-112910	11/29/2010																							
		VMP-16-19-021611	2/16/2011																							
		VMP-16-19-042711	4/27/2011																							
		VMP-16-19-042711-DUP	4/27/2011																							
		VMP-16-19-042512	4/25/2012																							
		VMP-16-19-073012	7/30/2012																							
		VMP-16-19-102512	10/25/2012																							
		VMP-16-19-021413	2/14/2013																							
		VMP-16-19-042313	4/23/2013																							
		VMP-16-19-081313	8/13/2013																							
		VMP-16-19-111513	11/15/2013																							
		VMP-16-19-111513-Dup	11/15/2013																							
		VMP-16-19-030614	3/6/2014																							
		VMP-16-19-050214	5/2/2014																							
		VMP-16-19-081514	8/15/2014																							
		VMP-16-19-110714	11/7/2014																							
		VMP-16-19-120214-R	12/2/2014																							
		VMP-16-19-021115	2/11/2015																							
		VMP-16-19-050715	5/7/2015																							
		VMP-16-19-073115	7/31/2015																							
		VMP-16-19-110415	11/4/2015																							
		VMP-16-19-020316	2/3/2016																							
		VMP-16-19-050416	5/4/2016																							
		VMP-16-19-080316	8/3/2016																							
		VMP-16-19-103116	10/31/2016																							
	31 ft	VMP-16-31	11/19/2009																							
		VMP-16-31-D	11/19/2009																							
		VMP-16-31-090310	9/3/2010																							
		VMP-16-31-112910	11/29/2010																							
		VMP-16-31-042512	4/25/2012																							
		VMP-16-31-073012	7/30/2012																							
		VMP-16-31-102512	10/25/2012																							
		VMP-16-31-021813	2/18/2013																							
		VMP-16-31-042313	4/23/2013																							
		VMP-16-31-081313	8/13/2013																							
		VMP-16-31-111513	11/15/2013																							
		VMP-16-31-030614	3/6/2014																							
		VMP-16-31-050214	5/2/2014																							
		VMP-16-31-081514	8/15/2014																							
		VMP-16-31-081514-Dup	8/15/2014																							
		VMP-16-31-110714	11/7/2014																							
		VMP-16-31-021115	2/11/2015																							
		VMP-16-31-050715	5/7/2015																							
		VMP-16-31-073115	7/31/2015																							
		VMP-16-31-073115-DUP	7/31/2015																							
		VMP-16-31-110415	11/4/2015																							
		VMP-16-31-020316	2/3/2016																							
		VMP-16-31-020316-DUP	2/3/2016																							
		VMP-16-31-050416	5/4/2016																							
		VMP-16-31-050416-DUP	5/4/2016																							
		VMP-16-31-080316	8/3/2016																							
		VMP-16-31-103116	10/31/2016																							
		VMP-16-31-103116-Dup	10/31/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-17	5 ft	VMP-17-5	6/21/2010																							
		VMP-17-5-DUP	6/21/2010																							
		VMP-17-5-090110	9/1/2010																							
		VMP-17-5-112210	11/22/2010																							
		VMP-17-5-020711	2/7/2011																							
		VMP-17-5-040611	4/6/2011																							
		VMP-17-5-080111	8/1/2011																							
		VMP-17-5-110711	11/7/2011																							
		VMP-17-5-012612	1/26/2012																							
		VMP-17-5-041112	4/11/2012																							
		VMP-17-5-071112	7/11/2012																							
		VMP-17-5-100912	10/9/2012																							
		VMP-17-5-013113	1/31/2013																							
		VMP-17-5-013113-DUP	1/31/2013																							
		VMP-17-5-050113	5/1/2013																							
		VMP-17-5-072913	7/29/2013																							
		VMP-17-5-072913-Dup	7/29/2013																							
		VMP-17-5-110813	11/8/2013																							
		VMP-17-5-021114	2/11/2014																							
		VMP-17-5-042214	4/22/2014																							
		VMP-17-5-073114	7/31/2014																							
		VMP-17-5-103014	10/30/2014																							
		VMP-17-5-020415	2/4/2015																							
		VMP-17-5-050115	5/1/2015																							
		VMP-17-5-072815	7/28/2015																							
		VMP-17-5-102915	10/29/2015																							
		VMP-17-5-020216	2/2/2016																							
		VMP-17-5-050216	5/2/2016																							
		VMP-17-5-072516	7/25/2016																							
		VMP-17-5-103116	10/31/2016																							
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010																							
		VMP-18-8.5-090710	9/7/2010																							
		VMP-18-8.5-111910	11/19/2010																							
		VMP-18-8.5-020711	2/7/2011																							
		VMP-18-8.5-020711-DUP	2/7/2011																							
		VMP-18-8.5-040711	4/7/2011																							
		VMP-18-8.5-072811	7/28/2011																							
		VMP-18-8.5-110711	11/7/2011																							
		VMP-18-8.5-012312	1/23/2012																							
		VMP-18-8.5-041012	4/10/2012																							
		VMP-18-8.5-071212	7/12/2012																							
		VMP-18-8.5-100912	10/9/2012																							
		VMP-18-8.5-012313	1/23/2013																							
		VMP-18-8.5-050113	5/1/2013																							
		VMP-18-8.5-072913	7/29/2013																							
		VMP-18-8.5-102513	10/25/2013																							
		VMP-18-8.5-102513-Dup	10/25/2013																							
		VMP-18-8.5-020614	2/6/2014																							
		VMP-18-8.5-042214	4/22/2014																							
		VMP-18-8.5-042214-Dup	4/22/2014																							
		VMP-18-8.5-073114	7/31/2014																							
		VMP-18-8.5-110314	11/3/2014																							
		VMP-18-8.5-020415	2/4/2015																							
		VMP-18-8.5-050115	5/1/2015																							
		VMP-18-8.5-050115-DUP	5/1/2015																							
		VMP-18-8.5-072815	7/28/2015																							
		VMP-18-8.5-102915	10/29/2015																							
		VMP-18-8.5-020216	2/2/2016																							
		VMP-18-8.5-050516	5/5/2016																							
		VMP-18-8.5-072516	7/25/2016																							
		VMP-18-8.5-102516	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-19	5 ft	VMP-19-5	6/18/2010																							
		VMP-19-5-090110	9/1/2010																							
		VMP-19-5-111510	11/15/2010																							
		VMP-19-5-020411	2/4/2011																							
		VMP-19-5-040711	4/7/2011																							
		VMP-19-5-080911	8/9/2011																							
		VMP-19-5-080911-DUP	8/9/2011																							
		VMP-19-5-110811	11/8/2011																							
		VMP-19-5-012612	1/26/2012																							
		VMP-19-5-041012	4/10/2012																							
		VMP-19-5-071112	7/11/2012																							
		VMP-19-5-100912	10/9/2012																							
		VMP-19-5-013113	1/31/2013																							
		VMP-19-5-043013	4/30/2013																							
		VMP-19-5-073113	7/31/2013																							
		VMP-19-5-102513	10/25/2013																							
		VMP-19-5-020614	2/6/2014																							
		VMP-19-5-042214	4/22/2014																							
		VMP-19-5-073114	7/31/2014																							
		VMP-19-5-110314	11/3/2014																							
		VMP-19-5-020415	2/4/2015																							
		VMP-19-5-050115	5/1/2015																							
		VMP-19-5-072815	7/28/2015																							
		VMP-19-5-102615	10/26/2015																							
		VMP-19-5-020216	2/2/2016																							
		VMP-19-5-050616	5/6/2016																							
		VMP-19-5-072816	7/28/2016																							
		VMP-19-5-102516	10/26/2016																							
VMP-20	5 ft	VMP-20-5-031411	3/14/2011																							
		VMP-20-5-041511	4/15/2011																							
		VMP-20-5-072511	7/25/2011																							
		VMP-20-5-110111	11/1/2011																							
		VMP-20-5-012312	1/23/2012																							
		VMP-20-5-041012	4/10/2012																							
		VMP-20-5-071112	7/11/2012																							
		VMP-20-5-073112	7/31/2012																							
		VMP-20-5-100412	10/4/2012																							
		VMP-20-5-020713	2/7/2013																							
		VMP-20-5-041913	4/19/2013																							
		VMP-20-5-072313	7/23/2013																							
		VMP-20-5-110113	11/1/2013																							
		VMP-20-5-021014	2/10/2014																							
		VMP-20-5-042114	4/21/2014																							
		VMP-20-5-072514	7/25/2014																							
		VMP-20-5-102714	10/27/2014																							
		VMP-20-5-012715	1/27/2015																							
		VMP-20-5-042715	4/27/2015																							
		VMP-20-5-072015	7/20/2015																							
		VMP-20-5-102015	10/20/2015																							
		VMP-20-5-021616	2/16/2016																							
		VMP-20-5-042516	4/25/2016																							
		VMP-20-5-072216	7/22/2016																							
		VMP-20-5-102616	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-20	10 ft	VMP-20-10-031411	3/14/2011																							
		VMP-20-10-041511	4/15/2011																							
		VMP-20-10-072511	7/25/2011																							
		VMP-20-10-110111	11/1/2011																							
		VMP-20-10-012312	1/23/2012																							
		VMP-20-10-041012	4/10/2012																							
		VMP-20-10-071112	7/11/2012																							
		VMP-20-10-100412	10/4/2012																							
		VMP-20-10-012213	1/22/2013																							
		VMP-20-10-041913	4/19/2013																							
		VMP-20-10-072313	7/23/2013																							
		VMP-20-10-110113	11/1/2013																							
		VMP-20-10-110113-Dup	11/1/2013																							
		VMP-20-10-021014	2/10/2014																							
		VMP-20-10-042114	4/21/2014																							
		VMP-20-10-072514	7/25/2014																							
		VMP-20-10-102714	10/27/2014																							
		VMP-20-10-012715	1/27/2015																							
		VMP-20-10-012715-DUP	1/27/2015																							
		VMP-20-10-042715	4/27/2015																							
		VMP-20-10-072015	7/20/2015																							
		VMP-20-10-102015	10/20/2015																							
		VMP-20-10-102015-DUP	10/20/2015																							
		VMP-20-10-021616	2/16/2016																							
		VMP-20-10-042516	4/25/2016																							
		VMP-20-10-072216	7/22/2016																							
		VMP-20-10-102616	10/26/2016																							
	25 ft	VMP-20-25-031411	3/14/2011																							
		VMP-20-25-041511	4/15/2011																							
		VMP-20-25-072611	7/26/2011																							
		VMP-20-25-110511	11/5/2011																							
		VMP-20-25-012312	1/23/2012																							
		VMP-20-25-041012	4/10/2012																							
		VMP-20-25-041012-Dup	4/10/2012																							
		VMP-20-25-071112	7/11/2012																							
		VMP-20-25-100412	10/4/2012																							
		VMP-20-25-012213	1/22/2013																							
		VMP-20-25-041913	4/19/2013																							
		VMP-20-25-072313	7/23/2013																							
		VMP-20-25-110113	11/1/2013																							
		VMP-20-25-021014	2/10/2014																							
		VMP-20-25-042114	4/21/2014																							
		VMP-20-25-072514	7/25/2014																							
		VMP-20-25-102714	10/27/2014																							
		VMP-20-25-012715	1/27/2015																							
		VMP-20-25-042715	4/27/2015																							
		VMP-20-25-072015	7/20/2015																							
		VMP-20-25-102015	10/20/2015																							
		VMP-20-25-020216	2/2/2016																							
		VMP-20-25-042516	4/25/2016																							
		VMP-20-25-072216	7/22/2016																							
		VMP-20-25-102616	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-20	39.5 ft	VMP-20-39.5-042114	4/21/2014																							
		VMP-20-39.5-042715	4/27/2015																							
		VMP-20-39.5-042715-DUP	4/27/2015																							
		VMP-20-39.5-072015	7/20/2015																							
		VMP-20-39.5-072015-DUP	7/20/2015																							
		VMP-20-39.5-100412	10/4/2012																							
		VMP-20-39.5-012313	1/23/2013																							
		VMP-20-39.5-041913	4/19/2013																							
		VMP-20-39.5-072313	7/23/2013																							
		VMP-20-39.5-110113	11/1/2013																							
		VMP-20-39.5-021014	2/10/2014																							
		VMP-20-39.5-021014-Dup	2/10/2014																							
		VMP-20-39.5-072514	7/25/2014																							
		VMP-20-39.5-072514-Dup	7/25/2014																							
		VMP-20-39.5-102714	10/27/2014																							
		VMP-20-39.5-012715	1/27/2015																							
		VMP-20-39.5-102015	10/20/2015																							
		VMP-20-39.5-020216	2/2/2016																							
		VMP-20-39.5-020216-DUP	2/2/2016																							
VMP-21	5 ft	VMP-21-5-020911	2/9/2011																							
		VMP-21-5-020911-DUP	2/9/2011																							
		VMP-21-5-041311	4/13/2011																							
		VMP-21-5-072511	7/25/2011																							
		VMP-21-5-110111	11/1/2011																							
		VMP-21-5-012312	1/23/2012																							
		VMP-21-5-012312-DUP	1/23/2012																							
		VMP-21-5-042412	4/24/2012																							
		VMP-21-5-071012	7/10/2012																							
		VMP-21-5-100412	10/4/2012																							
		VMP-21-5-020613	2/6/2013																							
		VMP-21-5-051013	5/10/2013																							
		VMP-21-5-072313	7/23/2013																							
		VMP-21-5-102113	10/21/2013																							
		VMP-21-5-022414	2/24/2014																							
		VMP-21-5-042114	4/21/2014																							
		VMP-21-5-072814	7/28/2014																							
		VMP-21-5-102714	10/27/2014																							
		VMP-21-5-012715	1/27/2015																							
		VMP-21-5-042715	4/27/2015																							
		VMP-21-5-072015	7/20/2015																							
		VMP-21-5-102315	10/23/2015																							
		VMP-21-5-012616	1/26/2016																							
		VMP-21-5-042716	4/27/2016																							
		VMP-21-5-072616	7/26/2016																							
		VMP-21-5-102416	10/24/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011																							
		VMP-21-10-041311	4/13/2011																							
		VMP-21-10-072511	7/25/2011																							
		VMP-21-10-110111	11/1/2011																							
		VMP-21-10-012312	1/23/2012																							
		VMP-21-10-040912	4/9/2012																							
		VMP-21-10-071012	7/10/2012																							
		VMP-21-10-100412	10/4/2012																							
		VMP-21-10-020513	2/5/2013																							
		VMP-21-10-020513-DUP	2/5/2013																							
		VMP-21-10-051013	5/10/2013																							
		VMP-21-10-072313	7/23/2013																							
		VMP-21-10-102113	10/21/2013																							
		VMP-21-10-022414	2/24/2014																							
		VMP-21-10-042114	4/21/2014																							
		VMP-21-10-072814	7/28/2014																							
		VMP-21-10-102714	10/27/2014																							
		VMP-21-10-012715	1/27/2015																							
		VMP-21-10-042715	4/27/2015																							
		VMP-21-10-072015	7/20/2015																							
		VMP-21-10-102315	10/23/2015																							
		VMP-21-10-012616	1/26/2016																							
		VMP-21-10-042716	4/27/2016																							
		VMP-21-10-072616	7/26/2016																							
		VMP-21-10-102416	10/24/2016																							
	25 ft	VMP-21-25-021011	2/10/2011																							
		VMP-21-25-041411	4/14/2011																							
		VMP-21-25-041411-DUP	4/14/2011																							
		VMP-21-25-072611	7/26/2011																							
		VMP-21-25-110511	11/5/2011																							
		VMP-21-25-012412	1/24/2012																							
		VMP-21-25-040912	4/9/2012																							
		VMP-21-25-071112	7/11/2012																							
		VMP-21-25-100412	10/4/2012																							
		VMP-21-25-020513	2/5/2013																							
		VMP-21-25-020513-DUP	2/5/2013																							
		VMP-21-25-051013	5/10/2013																							
		VMP-21-25-072313	7/23/2013																							
		VMP-21-25-102113	10/21/2013																							
		VMP-21-25-042114	4/21/2014																							
		VMP-21-25-072814	7/28/2014																							
		VMP-21-25-102714	10/27/2014																							
		VMP-21-25-012715	1/27/2015																							
		VMP-21-25-042715	4/27/2015																							
		VMP-21-25-072015	7/20/2015																							
		VMP-21-25-102315	10/23/2015																							
		VMP-21-25-012616	1/26/2016																							
		VMP-21-25-042716	4/27/2016																							
		VMP-21-25-072616	7/26/2016																							
		VMP-21-25-102416	10/24/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-021011	2/10/2011																							
		VMP-21-33-041411	4/14/2011																							
		VMP-21-33-110511	11/5/2011																							
		VMP-21-33-012412	1/24/2012																							
		VMP-21-33-042412	4/24/2012																							
		VMP-21-33-071112	7/11/2012																							
		VMP-21-33-100412	10/4/2012																							
		VMP-21-33-020513	2/5/2013																							
		VMP-21-33-051013	5/10/2013																							
		VMP-21-33-102113	10/21/2013																							
		VMP-21-33-102113-DUP	10/21/2013																							
		VMP-21-33-022414	2/24/2014																							
		VMP-21-33-022414-Dup	2/24/2014																							
		VMP-21-33-042114	4/21/2014																							
		VMP-21-33-072814	7/28/2014																							
		VMP-21-33-102714	10/27/2014																							
		VMP-21-33-102714-DUP	10/27/2014																							
		VMP-21-33-012715	1/27/2015																							
		VMP-21-33-072015	7/20/2015																							
		VMP-21-33-102315	10/23/2015																							
		VMP-21-33-102315-DUP	10/23/2015																							
		VMP-21-33-042716	4/27/2016																							
		VMP-21-33-072616	7/26/2016																							
		VMP-21-33-102416	10/24/2016																							
VMP-22	5 ft	VMP-22-5-021111	2/11/2011																							
		VMP-22-5-041811	4/18/2011																							
		VMP-22-5-072611	7/26/2011																							
		VMP-22-5-110111	11/1/2011																							
		VMP-22-5-012412	1/24/2012																							
		VMP-22-5-040912	4/9/2012																							
		VMP-22-5-070912	7/9/2012																							
		VMP-22-5-100312	10/3/2012																							
		VMP-22-5-100312-Dup	10/3/2012																							
		VMP-22-5-012413	1/24/2013																							
		VMP-22-5-041913	4/19/2013																							
		VMP-22-5-072313	7/23/2013																							
		VMP-22-5-072313-Dup	7/23/2013																							
		VMP-22-5-101813	10/18/2013																							
		VMP-22-5-021314	2/13/2014																							
		VMP-22-5-042214	4/22/2014																							
		VMP-22-5-072814	7/28/2014																							
		VMP-22-5-102414	10/24/2014																							
		VMP-22-5-012715	1/27/2015																							
		VMP-22-5-042715	4/27/2015																							
		VMP-22-5-072015	7/20/2015																							
		VMP-22-5-012616	1/26/2016																							
		VMP-22-5-042616	4/26/2016																							
		VMP-22-5-072216	7/22/2016																							
		VMP-22-5-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011																							
		VMP-22-10-041811	4/18/2011																							
		VMP-22-10-072611	7/26/2011																							
		VMP-22-10-072611-DUP	7/26/2011																							
		VMP-22-10-110211	11/2/2011																							
		VMP-22-10-012412	1/24/2012																							
		VMP-22-10-040912	4/9/2012																							
		VMP-22-10-070912	7/9/2012																							
		VMP-22-10-070912-Dup	7/9/2012																							
		VMP-22-10-100312	10/3/2012																							
		VMP-22-10-012413	1/24/2013																							
		VMP-22-10-041913	4/19/2013																							
		VMP-22-10-072313	7/23/2013																							
		VMP-22-10-101813	10/18/2013																							
		VMP-22-10-021314	2/13/2014																							
		VMP-22-10-042214	4/22/2014																							
		VMP-22-10-072814	7/28/2014																							
		VMP-22-10-102414	10/24/2014																							
		VMP-22-10-012715	1/27/2015																							
		VMP-22-10-042715	4/27/2015																							
		VMP-22-10-072015	7/20/2015																							
		VMP-22-10-102315	10/23/2015																							
		VMP-22-10-012616	1/26/2016																							
		VMP-22-10-042616	4/26/2016																							
		VMP-22-10-072216	7/22/2016																							
		VMP-22-10-102716	10/27/2016																							
	18 ft	VMP-22-18-021111	2/11/2011																							
		VMP-22-18-041811	4/18/2011																							
		VMP-22-18-072611	7/26/2011																							
		VMP-22-18-110511	11/5/2011																							
		VMP-22-18-012412	1/24/2012																							
		VMP-22-18-040912	4/9/2012																							
		VMP-22-18-070912	7/9/2012																							
		VMP-22-18-100412	10/4/2012																							
		VMP-22-18-012413	1/24/2013																							
		VMP-22-18-042213	4/22/2013																							
		VMP-22-18-072913	7/29/2013																							
		VMP-22-18-101813	10/18/2013																							
		VMP-22-18-021314	2/13/2014																							
		VMP-22-18-042214	4/22/2014																							
		VMP-22-18-072814	7/28/2014																							
		VMP-22-18-102414	10/24/2014																							
		VMP-22-18-012715	1/27/2015																							
		VMP-22-18-012715-DUP	1/27/2015																							
		VMP-22-18-042715	4/27/2015																							
		VMP-22-18-072015	7/20/2015																							
		VMP-22-18-102315	10/23/2015																							
		VMP-22-18-012616	1/26/2016																							
		VMP-22-18-042616	4/26/2016																							
		VMP-22-18-072216	7/22/2016																							
		VMP-22-18-102716	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-22	38 ft	VMP-22-38-041811	4/18/2011																							
		VMP-22-38-012512	1/25/2012																							
		VMP-22-38-040912	4/9/2012																							
		VMP-22-38-070912	7/9/2012																							
		VMP-22-38-100412	10/4/2012																							
		VMP-22-38-012413	1/24/2013																							
		VMP-22-38-042213	4/22/2013																							
		VMP-22-38-072913	7/29/2013																							
		VMP-22-38-101813	10/18/2013																							
		VMP-22-38-021314	2/13/2014																							
		VMP-22-38-021314-Dup	2/13/2014																							
		VMP-22-38-042214	4/22/2014																							
		VMP-22-38-072814	7/28/2014																							
		VMP-22-38-072814-DUP	7/28/2014																							
		VMP-22-38-102414	10/24/2014																							
		VMP-22-38-102414-DUP	10/24/2014																							
		VMP-22-38-012715	1/27/2015																							
		VMP-22-38-042715	4/27/2015																							
		VMP-22-38-042715-DUP	4/27/2015																							
		VMP-22-38-072015	7/20/2015																							
		VMP-22-38-072015-DUP	7/20/2015																							
		VMP-22-38-102315	10/23/2015																							
		VMP-22-38-012616-DUP	1/26/2016																							
		VMP-22-38-042616	4/26/2016																							
		VMP-22-38-072216	7/22/2016																							
		VMP-22-38-072216-DUP	7/22/2016																							
		VMP-22-38-102716	10/27/2016																							
		VMP-22-38-102716-Dup	10/27/2016																							
VMP-23	5 ft	VMP-23-5-021511	2/15/2011																							
		VMP-23-5-042111	4/21/2011																							
		VMP-23-5-072711	7/27/2011																							
		VMP-23-5-110211	11/2/2011																							
		VMP-23-5-012512	1/25/2012																							
		VMP-23-5-040912	4/9/2012																							
		VMP-23-5-070912	7/9/2012																							
		VMP-23-5-100312	10/3/2012																							
		VMP-23-5-012413	1/24/2013																							
		VMP-23-5-042213	4/22/2013																							
		VMP-23-5-072313	7/23/2013																							
		VMP-23-5-101813	10/18/2013																							
		VMP-23-5-021314	2/13/2014																							
		VMP-23-5-042114	4/21/2014																							
		VMP-23-5-080514	8/5/2014																							
		VMP-23-5-102414	10/24/2014																							
		VMP-23-5-012715	1/27/2015																							
		VMP-23-5-042715	4/27/2015																							
		VMP-23-5-072015	7/20/2015																							
		VMP-23-5-102615	10/26/2015																							
		VMP-23-5-012516	1/25/2016																							
		VMP-23-5-062816	6/28/2016																							
		VMP-23-5-072216	7/22/2016																							
		VMP-23-5-101916	10/19/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011																							
		VMP-23-10-042111	4/21/2011																							
		VMP-23-10-072711	7/27/2011																							
		VMP-23-10-110211	11/2/2011																							
		VMP-23-10-012512	1/25/2012																							
		VMP-23-10-040912	4/9/2012																							
		VMP-23-10-040912-Dup	4/9/2012																							
		VMP-23-10-070912	7/9/2012																							
		VMP-23-10-100312	10/3/2012																							
		VMP-23-10-012413	1/24/2013																							
		VMP-23-10-042213	4/22/2013																							
		VMP-23-10-072313	7/23/2013																							
		VMP-23-10-101813	10/18/2013																							
		VMP-23-10-101813-DUP	10/18/2013																							
		VMP-23-10-021314	2/13/2014																							
		VMP-23-10-042114	4/21/2014																							
		VMP-23-10-080514	8/5/2014																							
		VMP-23-10-102414	10/24/2014																							
		VMP-23-10-012715	1/27/2015																							
		VMP-23-10-042715	4/27/2015																							
		VMP-23-10-072015	7/20/2015																							
		VMP-23-10-102615	10/26/2015																							
		VMP-23-10-012516	1/25/2016																							
		VMP-23-10-062816	6/28/2016																							
		VMP-23-10-072216	7/22/2016																							
		VMP-23-10-101916	10/19/2016																							
	25 ft	VMP-23-25-021511	2/15/2011																							
		VMP-23-25-042111	4/21/2011																							
		VMP-23-25-072711	7/27/2011																							
		VMP-23-25-110511	11/5/2011																							
		VMP-23-25-012512	1/25/2012																							
		VMP-23-25-040912	4/9/2012																							
		VMP-23-25-071012	7/10/2012																							
		VMP-23-25-100312	10/3/2012																							
		VMP-23-25-012413	1/24/2013																							
		VMP-23-25-042213	4/22/2013																							
		VMP-23-25-072313	7/23/2013																							
		VMP-23-25-102113	10/21/2013																							
		VMP-23-25-021314	2/13/2014																							
		VMP-23-25-042114	4/21/2014																							
		VMP-23-25-080514	8/5/2014																							
		VMP-23-25-102414	10/24/2014																							
		VMP-23-25-012715	1/27/2015																							
		VMP-23-25-042715	4/27/2015																							
		VMP-23-25-072015	7/20/2015																							
		VMP-23-25-102615	10/26/2015																							
		VMP-23-25-012516	1/25/2016																							
		VMP-23-25-062816	6/28/2016																							
		VMP-23-25-072216	7/22/2016																							
		VMP-23-25-101916	10/19/2016																							
	40 ft	VMP-23-40-071012	7/10/2012																							
		VMP-23-40-100312	10/3/2012																							
		VMP-23-40-012413	1/24/2013																							
		VMP-23-40-042213	4/22/2013																							
		VMP-23-40-042213-Dup	4/22/2013																							
		VMP-23-40-102113	10/21/2013																							
		VMP-23-40-021314	2/13/2014																							
		VMP-23-40-042114	4/21/2014																							
		VMP-23-40-080514	8/5/2014																							
		VMP-23-40-102414	10/24/2014																							
		VMP-23-40-012715	1/27/2015																							
		VMP-23-40-042715	4/27/2015																							
		VMP-23-40-072015	7/20/2015																							
		VMP-23-40-102615	10/26/2015																							
		VMP-23-40-102615-DUP	10/26/2015																							
		VMP-23-40-012516	1/25/2016																							
		VMP-23-40-072216	7/22/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-021611	2/16/2011																							
		VMP-24-5-040811	4/8/2011																							
		VMP-24-5-072811	7/28/2011																							
		VMP-24-5-110211	11/2/2011																							
		VMP-24-5-110211-DUP	11/2/2011																							
		VMP-24-5-012512	1/25/2012																							
		VMP-24-5-040912	4/9/2012																							
		VMP-24-5-071212	7/12/2012																							
		VMP-24-5-101912	10/19/2012																							
		VMP-24-5-012313	1/23/2013																							
		VMP-24-5-050113	5/1/2013																							
		VMP-24-5-073113	7/31/2013																							
		VMP-24-5-102113	10/21/2013																							
		VMP-24-5-020614	2/6/2014																							
		VMP-24-5-042114	4/21/2014																							
		VMP-24-5-072814	7/28/2014																							
		VMP-24-5-102714	10/27/2014																							
		VMP-24-5-020215	2/2/2015																							
		VMP-24-5-042715	4/27/2015																							
		VMP-24-5-072115	7/21/2015																							
		VMP-24-5-102915	10/29/2015																							
		VMP-24-5-012716	1/27/2016																							
		VMP-24-5-042916	4/29/2016																							
		VMP-24-5-072716	7/27/2016																							
		VMP-24-5-102816	10/28/2016																							
	10 ft	VMP-24-10-021711	2/17/2011																							
		VMP-24-10-041111	4/11/2011																							
		VMP-24-10-072811	7/28/2011																							
		VMP-24-10-110211	11/2/2011																							
		VMP-24-10-012512	1/25/2012																							
		VMP-24-10-041012	4/10/2012																							
		VMP-24-10-071212	7/12/2012																							
		VMP-24-10-100912	10/9/2012																							
		VMP-24-10-012313	1/23/2013																							
		VMP-24-10-042513	4/25/2013																							
		VMP-24-10-073113	7/31/2013																							
		VMP-24-10-102113	10/21/2013																							
		VMP-24-10-020614	2/6/2014																							
		VMP-24-10-042114	4/21/2014																							
		VMP-24-10-072814	7/28/2014																							
		VMP-24-10-102714	10/27/2014																							
		VMP-24-10-020215	2/2/2015																							
		VMP-24-10-042715	4/27/2015																							
		VMP-24-10-072115	7/21/2015																							
		VMP-24-10-102915	10/29/2015																							
		VMP-24-10-012716	1/27/2016																							
		VMP-24-10-042916	4/29/2016																							
		VMP-24-10-072716	7/27/2016																							
		VMP-24-10-102816	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011																							
		VMP-24-22-041111	4/11/2011																							
		VMP-24-22-072811	7/28/2011																							
		VMP-24-22-072811-Dup	7/28/2011																							
		VMP-24-22-110611	11/6/2011																							
		VMP-24-22-012512	1/25/2012																							
		VMP-24-22-041012	4/10/2012																							
		VMP-24-22-071212	7/12/2012																							
		VMP-24-22-100912	10/9/2012																							
		VMP-24-22-012313	1/23/2013																							
		VMP-24-22-042513	4/25/2013																							
		VMP-24-22-042513-Dup	4/25/2013																							
		VMP-24-22-073113	7/31/2013																							
		VMP-24-22-102213	10/22/2013																							
		VMP-24-22-020614	2/6/2014																							
		VMP-24-22-042114	4/21/2014																							
		VMP-24-22-072814	7/28/2014																							
		VMP-24-22-102714	10/27/2014																							
		VMP-24-22-020215	2/2/2015																							
		VMP-24-22-042715	4/27/2015																							
		VMP-24-22-072115	7/21/2015																							
		VMP-24-22-082415	8/24/2015																							
		VMP-24-22-082415-DUP	8/24/2015																							
		VMP-24-22-102915	10/29/2015																							
		VMP-24-22-012716	1/27/2016																							
		VMP-24-22-042916	4/29/2016																							
		VMP-24-22-072716	7/27/2016																							
		VMP-24-22-102816	10/28/2016																							
	34 ft	VMP-24-34-021711	2/17/2011																							
		VMP-24-34-041111	4/11/2011																							
		VMP-24-34-072811	7/28/2011																							
		VMP-24-34-110611	11/6/2011																							
		VMP-24-34-012512	1/25/2012																							
		VMP-24-34-041012	4/10/2012																							
		VMP-24-34-071212	7/12/2012																							
		VMP-24-34-100912	10/9/2012																							
		VMP-24-34-012313	1/23/2013																							
		VMP-24-34-050613	5/6/2013																							
		VMP-24-34-073113	7/31/2013																							
		VMP-24-34-073113-Dup	7/31/2013																							
		VMP-24-34-102213	10/22/2013																							
		VMP-24-34-020614	2/6/2014																							
		VMP-24-34-042114	4/21/2014																							
		VMP-24-34-072814	7/28/2014																							
		VMP-24-34-072814-DUP	7/28/2014																							
		VMP-24-34-102714	10/27/2014																							
		VMP-24-34-102714-DUP	10/27/2014																							
		VMP-24-34-020215	2/2/2015																							
		VMP-24-34-020215-DUP	2/2/2015																							
		VMP-24-34-042715	4/27/2015																							
		VMP-24-34-072115	7/21/2015																							
		VMP-24-34-072115-DUP	7/21/2015																							
		VMP-24-34-102915	10/29/2015																							
		VMP-24-34-012716	1/27/2016																							
		VMP-24-34-042916	4/29/2016																							
		VMP-24-34-072716	7/27/2016																							
		VMP-24-34-072716-DUP	7/27/2016																							
		VMP-24-34-102816	10/28/2016																							
		VMP-24-34-102816-Dup	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-25	5 ft	VMP-25-5-031511	3/15/2011																							
		VMP-25-5-040811	4/8/2011																							
		VMP-25-5-080911	8/9/2011																							
		VMP-25-5-111711	11/17/2011																							
		VMP-25-5-013112	1/31/2012																							
		VMP-25-5-042512	4/25/2012																							
		VMP-25-5-072612	7/26/2012																							
		VMP-25-5-102612	10/26/2012																							
		VMP-25-5-030613	3/6/2013																							
		VMP-25-5-051713	5/17/2013																							
		VMP-25-5-081513	8/15/2013																							
		VMP-25-5-081513-Dup	8/15/2013																							
		VMP-25-5-111313	11/13/2013																							
		VMP-25-5-050114	5/1/2014																							
		VMP-25-5-081414	8/14/2014																							
		VMP-25-5-110514	11/5/2014																							
		VMP-25-5-021115	2/11/2015																							
		VMP-25-5-050715	5/7/2015																							
		VMP-25-5-073015	7/30/2015																							
		VMP-25-5-110515	11/5/2015																							
		VMP-25-5-021616	2/16/2016																							
		VMP-25-5-050416	5/4/2016																							
		VMP-25-5-080316	8/3/2016																							
		VMP-25-5-103116	10/31/2016																							
	21 ft	VMP-25-21-031511	3/15/2011																							
		VMP-25-21-031511-DUP	3/15/2011																							
		VMP-25-21-040811	4/8/2011																							
		VMP-25-21-040811-DUP	4/8/2011																							
		VMP-25-21-080911	8/9/2011																							
		VMP-25-21-111711	11/17/2011																							
		VMP-25-21-111711-DUP	11/17/2011																							
		VMP-25-21-013112	1/31/2012																							
		VMP-25-21-013112-DUP	2/1/2012																							
		VMP-25-21-042512	4/25/2012																							
		VMP-25-21-072612	7/26/2012																							
		VMP-25-21-102612	10/26/2012																							
		VMP-25-21-030613	3/6/2013																							
		VMP-25-21-051713	5/17/2013																							
		VMP-25-21-081513	8/15/2013																							
		VMP-25-21-111313	11/13/2013																							
		VMP-25-21-111313-Dup	11/13/2013																							
		VMP-25-21-050114	5/1/2014																							
		VMP-25-21-081414	8/14/2014																							
		VMP-25-21-110514	11/5/2014																							
		VMP-25-21-021115	2/11/2015																							
		VMP-25-21-050715	5/7/2015																							
		VMP-25-21-073015	7/30/2015																							
		VMP-25-21-110515	11/5/2015																							
		VMP-25-21-050416	5/4/2016																							
		VMP-25-21-080316	8/3/2016																							
		VMP-25-21-103116	10/31/2016																							
		VMP-25-21-103116-Dup	10/31/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-25	31 ft	VMP-25-31-030613	3/6/2013																							
		VMP-25-31-081513	8/15/2013																							
		VMP-25-31-111313	11/13/2013																							
		VMP-25-31-050114	5/1/2014																							
		VMP-25-31-081414	8/14/2014																							
		VMP-25-31-110514	11/5/2014																							
		VMP-25-31-021115	2/11/2015																							
		VMP-25-31-021115-DUP	2/11/2015																							
		VMP-25-31-050715	5/7/2015																							
		VMP-25-31-050715-DUP	5/7/2015																							
		VMP-25-31-073015	7/30/2015																							
		VMP-25-31-073015-DUP	7/30/2015																							
		VMP-25-31-110515	11/5/2015																							
		VMP-25-31-021616	2/16/2016																							
		VMP-25-31-021616-DUP	2/16/2016																							
		VMP-25-31-050416	5/4/2016																							
		VMP-25-31-080316	8/3/2016																							
		VMP-25-31-080316-DUP	8/3/2016																							
		VMP-25-31-103116	10/31/2016																							
VMP-29	10 ft	VMP-29-10-073012	7/30/2012																							
		VMP-29-10-100812	10/8/2012																							
		VMP-29-10-020613	2/6/2013																							
		VMP-29-10-050613	5/6/2013																							
		VMP-29-10-080513	8/5/2013																							
		VMP-29-10-083013	8/30/2013																							
		VMP-29-10-102513	10/25/2013																							
		VMP-29-10-021214	2/12/2014																							
		VMP-29-10-042914	4/29/2014																							
		VMP-29-10-081214	8/12/2014																							
		VMP-29-10-110314	11/3/2014																							
		VMP-29-10-020515	2/5/2015																							
		VMP-29-10-050615	5/6/2015																							
		VMP-29-10-072715	7/27/2015																							
		VMP-29-10-103015	10/30/2015																							
		VMP-29-10-012716	1/27/2016																							
		VMP-29-10-050216	5/2/2016																							
		VMP-29-10-072816	7/28/2016																							
		VMP-29-10-120916	12/9/2016																							
	20 ft	VMP-29-20-073012	7/30/2012																							
		VMP-29-20-073012-Dup	7/30/2012																							
		VMP-29-20-100812	10/8/2012																							
		VMP-29-20-020613	2/6/2013																							
		VMP-29-20-050613	5/6/2013																							
		VMP-29-20-080513	8/5/2013																							
		VMP-29-20-102513	10/25/2013																							
		VMP-29-20-021214	2/12/2014																							
		VMP-29-20-042914	4/29/2014																							
		VMP-29-20-081214	8/12/2014																							
		VMP-29-20-110314	11/3/2014																							
		VMP-29-20-020515	2/5/2015																							
		VMP-29-20-050615	5/6/2015																							
		VMP-29-20-072715	7/27/2015																							
		VMP-29-20-103015	10/30/2015																							
	18 ft	VMP-29-20-020416-R	2/4/2016																							
		VMP-29-20-050216	5/2/2016																							
		VMP-29-20-072816	7/28/2016																							
		VMP-29-18-110316	11/3/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-29	26 ft	VMP-29-30-073012	7/30/2012																							
		VMP-29-30-100812	10/8/2012																							
		VMP-29-30-020613	2/6/2013																							
		VMP-29-30-050613	5/6/2013																							
		VMP-29-30-080513	8/5/2013																							
		VMP-29-30-080513-Dup	8/5/2013																							
		VMP-29-30-102513	10/25/2013																							
		VMP-29-30-021214	2/12/2014																							
		VMP-29-30-042914	4/29/2014																							
		VMP-29-30-081214	8/12/2014																							
		VMP-29-30-111214-R	11/12/2014																							
		VMP-29-30-111214-R-DUP	11/12/2014																							
		VMP-29-30-020615	2/6/2015																							
		VMP-29-30-050615	5/6/2015																							
		VMP-29-30-050615-DUP	5/6/2015																							
		VMP-29-30-080315	8/3/2015																							
		VMP-29-30-103015	10/30/2015																							
		VMP-29-30-012716	1/27/2016																							
		VMP-29-30-050216	5/2/2016																							
		VMP-29-30-072816	7/28/2016																							
		VMP-29-26-110316	11/3/2016																							
		VMP-29-26-110316-Dup	11/3/2016																							
VMP-30	10 ft	VMP-30-10-073012	7/30/2012																							
		VMP-30-10-100812	10/8/2012																							
		VMP-30-10-020613	2/6/2013																							
		VMP-30-10-050613	5/6/2013																							
		VMP-30-10-080513	8/5/2013																							
		VMP-30-10-102813	10/28/2013																							
		VMP-30-10-021214	2/12/2014																							
		VMP-30-10-042914	4/29/2014																							
		VMP-30-10-080814	8/8/2014																							
		VMP-30-10-110414	11/4/2014																							
		VMP-30-10-020615	2/6/2015																							
		VMP-30-10-050515	5/5/2015																							
		VMP-30-10-072715	7/27/2015																							
		VMP-30-10-103015	10/30/2015																							
		VMP-30-10-020416	2/4/2016																							
		VMP-30-10-050216	5/2/2016																							
		VMP-30-10-072816	7/28/2016																							
		VMP-30-10-110316	11/3/2016																							
	18 ft	VMP-30-20-073012	7/30/2012																							
		VMP-30-20-100812	10/8/2012																							
		VMP-30-20-020613	2/6/2013																							
		VMP-30-20-050613	5/6/2013																							
		VMP-30-20-080513	8/5/2013																							
		VMP-30-20-102813	10/28/2013																							
		VMP-30-20-021214	2/12/2014																							
		VMP-30-20-042914	4/29/2014																							
		VMP-30-20-080814	8/8/2014																							
		VMP-30-20-110414	11/4/2014																							
		VMP-30-20-020615	2/6/2015																							
		VMP-30-20-050515	5/5/2015																							
		VMP-30-20-072715	7/27/2015																							
		VMP-30-20-103015	10/30/2015																							
		VMP-30-20-012716	1/27/2016																							
		VMP-30-20-050216	5/2/2016																							
		VMP-30-20-072816	7/28/2016																							
		VMP-30-18-110316	11/3/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-30	26 ft	VMP-30-30-073012	7/30/2012																							
		VMP-30-30-100812	10/8/2012																							
		VMP-30-30-020613	2/6/2013																							
		VMP-30-30-050613	5/6/2013																							
		VMP-30-30-081413	8/14/2013																							
		VMP-30-30-102813	10/28/2013																							
		VMP-30-30-021214	2/12/2014																							
		VMP-30-30-042914	4/29/2014																							
		VMP-30-30-042914-DUP	4/29/2014																							
		VMP-30-30-080814	8/8/2014																							
		VMP-30-30-110414	11/4/2014																							
		VMP-30-30-020615	2/6/2015																							
		VMP-30-30-050515	5/5/2015																							
		VMP-30-30-050515-DUP	5/5/2015																							
		VMP-30-30-072715	7/27/2015																							
		VMP-30-30-103015	10/30/2015																							
		VMP-30-30-012716	1/27/2016																							
		VMP-30-30-050216	5/2/2016																							
		VMP-30-30-072816	7/28/2016																							
		VMP-30-30-072816-DUP	7/28/2016																							
		VMP-30-26-110316	11/3/2016																							
VMP-31	5 ft	VMP-31-5-042512	4/25/2012																							
		VMP-31-5-072012	7/20/2012																							
		VMP-31-5-102612	10/26/2012																							
		VMP-31-5-021113	2/11/2013																							
		VMP-31-5-051513	5/15/2013																							
		VMP-31-5-022614	2/26/2014																							
	10 ft	VMP-31-10-042512	4/25/2012																							
		VMP-31-10-072612	7/26/2012																							
		VMP-31-10-102612	10/26/2012																							
		VMP-31-10-021313	2/13/2013																							
		VMP-31-10-051713	5/17/2013																							
		VMP-31-10-111313	11/13/2013																							
		VMP-31-10-022714	2/27/2014																							
	20 ft	VMP-31-20-101912	10/19/2012																							
		VMP-31-20-021113	2/11/2013																							
		VMP-31-20-111213	11/12/2013																							
	30 ft	VMP-31-30-042512	4/25/2012																							
		VMP-31-30-042512-Dup	4/25/2012																							
		VMP-31-30-072012	7/20/2012																							
		VMP-31-30-101912	10/19/2012																							
		VMP-31-30-021113	2/11/2013																							
		VMP-31-30-050713	5/7/2013																							
		VMP-31-30-080913	8/9/2013																							
		VMP-31-30-111213	11/12/2013																							
		VMP-31-30-022614	2/26/2014																							
VMP-32	5 ft	VMP-32-5-042512	4/25/2012																							
		VMP-32-5-072012	7/20/2012																							
		VMP-32-5-101812	10/18/2012																							
		VMP-32-5-020513	2/5/2013																							
		VMP-32-5-050713	5/7/2013																							
		VMP-32-5-080213	8/2/2013																							
		VMP-32-5-110813	11/8/2013																							
		VMP-32-5-050114	5/1/2014																							
		VMP-32-5-081314	8/13/2014																							
		VMP-32-5-110714	11/7/2014																							
		VMP-32-5-021015	2/10/2015																							
		VMP-32-5-073115	7/31/2015																							
		VMP-32-5-082415	8/24/2015																							
		VMP-32-5-110415	11/4/2015																							
		VMP-32-5-012616	1/26/2016																							
		VMP-32-5-042716	4/27/2016																							
		VMP-32-5-072616	7/26/2016																							
		VMP-32-5-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-32	10 ft	VMP-32-10-041612	4/16/2012																							
		VMP-32-10-072012	7/20/2012																							
		VMP-32-10-101812	10/18/2012																							
		VMP-32-10-020513	2/5/2013																							
		VMP-32-10-050713	5/7/2013																							
		VMP-32-10-080213	8/2/2013																							
		VMP-32-10-082313-R	8/23/2013																							
		VMP-32-10-082313-R-DUP	8/23/2013																							
		VMP-32-10-110813	11/8/2013																							
		VMP-32-10-022814	2/28/2014																							
		VMP-32-10-050114	5/1/2014																							
		VMP-32-10-081314	8/13/2014																							
		VMP-32-10-110714	11/7/2014																							
		VMP-32-10-021015	2/10/2015																							
		VMP-32-10-051115	5/11/2015																							
		VMP-32-10-052915-R	5/29/2015																							
		VMP-32-10-110415	11/4/2015																							
		VMP-32-10-012616	1/26/2016																							
		VMP-32-10-042716	4/27/2016																							
		VMP-32-10-072616	7/26/2016																							
		VMP-32-10-102716	10/27/2016																							
	20 ft	VMP-32-20-041612	4/16/2012																							
		VMP-32-20-072012	7/20/2012																							
		VMP-32-20-101812	10/18/2012																							
		VMP-32-20-020513	2/5/2013																							
		VMP-32-20-050713	5/7/2013																							
		VMP-32-20-050713-Dup	5/7/2013																							
		VMP-32-20-080213	8/2/2013																							
		VMP-32-20-110813	11/8/2013																							
		VMP-32-20-022814	2/28/2014																							
		VMP-32-20-050514	5/5/2014																							
		VMP-32-20-081314	8/13/2014																							
		VMP-32-20-110714	11/7/2014																							
		VMP-32-20-021015	2/10/2015																							
		VMP-32-20-051115	5/11/2015																							
		VMP-32-20-080315	8/3/2015																							
		VMP-32-20-110415	11/4/2015																							
		VMP-32-20-110415-DUP	11/4/2015																							
		VMP-32-20-021616	2/16/2016																							
		VMP-32-20-042716	4/27/2016																							
		VMP-32-20-082616-R	8/29/2016																							
		VMP-32-20-102716	10/27/2016																							
	30 ft	VMP-32-30-041612	4/16/2012																							
		VMP-32-30-072012	7/20/2012																							
		VMP-32-30-101812	10/18/2012																							
		VMP-32-30-020513	2/5/2013																							
		VMP-32-30-050713	5/7/2013																							
		VMP-32-30-080213	8/2/2013																							
		VMP-32-30-110813	11/8/2013																							
		VMP-32-30-022814	2/28/2014																							
		VMP-32-30-022814-Dup	2/28/2014																							
		VMP-32-30-050114	5/1/2014																							
		VMP-32-30-081314	8/13/2014																							
		VMP-32-30-081314-DUP	8/13/2014																							
		VMP-32-30-110714	11/7/2014																							
		VMP-32-30-110714-DUP	11/7/2014																							
		VMP-32-30-021015	2/10/2015																							
		VMP-32-30-050515	5/5/2015																							
		VMP-32-30-073115	7/31/2015																							
		VMP-32-30-073115-DUP	7/31/2015																							
		VMP-32-30-082415	8/24/2015																							
		VMP-32-30-082415-DUP	8/24/2015																							
		VMP-32-30-110415	11/4/2015																							
		VMP-32-30-020216	2/2/2016																							
		VMP-32-30-042716	4/27/2016																							
		VMP-32-30-072616	7/26/2016																							
		VMP-32-30-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072712	7/27/2012																							
		VMP-41-10-100912	10/9/2012																							
		VMP-41-10-012913	1/29/2013																							
		VMP-41-10-043013	4/30/2013																							
		VMP-41-10-080213	8/2/2013																							
		VMP-41-10-102913	10/29/2013																							
		VMP-41-10-021114	2/11/2014																							
		VMP-41-10-042214	4/22/2014																							
		VMP-41-10-073114	7/31/2014																							
		VMP-41-10-102814	10/28/2014																							
		VMP-41-10-020415	2/4/2015																							
		VMP-41-10-020415-DUP	2/4/2015																							
		VMP-41-10-043015	4/30/2015																							
		VMP-41-10-072815	7/28/2015																							
		VMP-41-10-110215	11/2/2015																							
		VMP-41-10-012716	1/27/2016																							
		VMP-41-10-050216	5/2/2016																							
		VMP-41-10-072816	7/28/2016																							
		VMP-41-10-102416	10/24/2016																							
	20 ft	VMP-41-20-072712	7/27/2012																							
		VMP-41-20-072712-Dup	7/27/2012																							
		VMP-41-20-100912	10/9/2012																							
		VMP-41-20-100912-Dup	10/9/2012																							
		VMP-41-20-012913	1/29/2013																							
		VMP-41-20-043013	4/30/2013																							
		VMP-41-20-043013-Dup	4/30/2013																							
		VMP-41-20-080213	8/2/2013																							
		VMP-41-20-102913	10/29/2013																							
		VMP-41-20-021114	2/11/2014																							
		VMP-41-20-042214	4/22/2014																							
		VMP-41-20-073114	7/31/2014																							
		VMP-41-20-102814	10/28/2014																							
		VMP-41-20-020415	2/4/2015																							
		VMP-41-20-043015	4/30/2015																							
		VMP-41-20-072815	7/28/2015																							
		VMP-41-20-110215	11/3/2015																							
		VMP-41-20-012716	1/27/2016																							
		VMP-41-20-050216	5/2/2016																							
		VMP-41-20-072816	7/28/2016																							
		VMP-41-20-102416	10/24/2016																							
	26 ft	VMP-41-30-100912	10/9/2012																							
		VMP-41-30-012913	1/29/2013																							
		VMP-41-30-043013	4/30/2013																							
		VMP-41-30-080213	8/2/2013																							
		VMP-41-30-102913	10/29/2013																							
		VMP-41-30-021114	2/11/2014																							
		VMP-41-30-021114-Dup	2/11/2014																							
		VMP-41-30-042214	4/22/2014																							
		VMP-41-30-073114	7/31/2014																							
		VMP-41-30-102814	10/28/2014																							
		VMP-41-30-020415	2/4/2015																							
		VMP-41-30-043015	4/30/2015																							
		VMP-41-30-043015-DUP	4/30/2015																							
		VMP-41-30-110215	11/2/2015																							
		VMP-41-30-110215-DUP	11/2/2015																							
		VMP-41-30-012716	1/27/2016																							
		VMP-41-30-012716-DUP	1/27/2016																							
		VMP-41-30-050216	5/2/2016																							
		VMP-41-30-072816	7/28/2016																							
		VMP-41-30-072816-DUP	7/28/2016																							
		VMP-41-26-102416	10/24/2016																							
		VMP-41-30-072712	7/27/2012																							
		VMP-41-30-072815	7/28/2015																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-041812	4/18/2012																							
		VMP-42-10-041812-Dup	4/18/2012																							
		VMP-42-10-071912	7/19/2012																							
		VMP-42-10-101212	10/12/2012																							
		VMP-42-10-013113	1/31/2013																							
		VMP-42-10-043013	4/30/2013																							
		VMP-42-20-043013	4/30/2013																							
		VMP-42-10-080213	8/2/2013																							
		VMP-42-10-102913	10/29/2013																							
		VMP-42-10-020714	2/7/2014																							
		VMP-42-10-042214	4/22/2014																							
		VMP-42-10-080614	8/6/2014																							
		VMP-42-10-110414	11/4/2014																							
		VMP-42-10-020315	2/3/2015																							
		VMP-42-10-042915	4/29/2015																							
		VMP-42-10-072115	7/21/2015																							
		VMP-42-10-102715	10/27/2015																							
		VMP-42-10-020116	2/1/2016																							
		VMP-42-10-042616	4/26/2016																							
		VMP-42-10-072616	7/26/2016																							
		VMP-42-10-102716	10/27/2016																							
	20 ft	VMP-42-20-041812	4/18/2012																							
		VMP-42-20-071912	7/19/2012																							
		VMP-42-20-101212	10/12/2012																							
		VMP-42-20-101212-Dup	10/12/2012																							
		VMP-42-20-013113	1/31/2013																							
		VMP-42-20-080213	8/2/2013																							
		VMP-42-20-102913	10/29/2013																							
		VMP-42-20-020714	2/7/2014																							
		VMP-42-20-042214	4/22/2014																							
		VMP-42-20-080614	8/6/2014																							
		VMP-42-20-110414	11/4/2014																							
		VMP-42-20-020315	2/3/2015																							
		VMP-42-20-042915	4/29/2015																							
		VMP-42-20-072115	7/21/2015																							
		VMP-42-20-102715	10/27/2015																							
		VMP-42-20-020116	2/1/2016																							
		VMP-42-20-042616	4/26/2016																							
		VMP-42-20-072616	7/26/2016																							
		VMP-42-20-102676	10/27/2016																							
	30 ft	VMP-42-30-041912	4/19/2012																							
		VMP-42-30-071912	7/19/2012																							
		VMP-42-30-101212	10/12/2012																							
		VMP-42-30-101212-Dup	10/12/2012																							
		VMP-42-30-013113	1/31/2013																							
		VMP-42-30-043013	4/30/2013																							
		VMP-42-30-080213	8/2/2013																							
		VMP-42-30-102913	10/29/2013																							
		VMP-42-30-102913-Dup	10/29/2013																							
		VMP-42-30-020714	2/7/2014																							
		VMP-42-30-020714-Dup	2/7/2014																							
		VMP-42-30-042214	4/22/2014																							
		VMP-42-30-042214-Dup	4/22/2014																							
		VMP-42-30-080614	8/6/2014																							
		VMP-42-30-110414	11/4/2014																							
		VMP-42-30-020315	2/3/2015																							
		VMP-42-30-042915	4/29/2015																							
		VMP-42-30-080315	8/3/2015																							
		VMP-42-30-080315-DUP	8/3/2015																							
		VMP-42-30-102715	10/27/2015																							
		VMP-42-30-020116	2/1/2016																							
		VMP-42-30-042616	4/26/2016																							
		VMP-42-30-072616	7/26/2016																							
		VMP-42-30-102716	10/27/2016																							
		VMP-42-30-102716-Dup	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012																							
		VMP-43-10-071912	7/19/2012																							
		VMP-43-10-101612	10/16/2012																							
		VMP-43-10-051713	5/17/2013																							
		VMP-43-10-080913	8/9/2013																							
		VMP-43-10-111313	11/13/2013																							
		VMP-43-10-022714	2/27/2014																							
		VMP-43-10-050514	5/5/2014																							
		VMP-43-10-080614	8/6/2014																							
		VMP-43-10-021015	2/10/2015																							
		VMP-43-10-050515	5/5/2015																							
		VMP-43-10-072115	7/21/2015																							
		VMP-43-10-102915	10/29/2015																							
		VMP-43-10-020116	2/1/2016																							
		VMP-43-10-042716	4/27/2016																							
		VMP-43-10-072716	7/27/2016																							
		VMP-43-10-102616	10/26/2016																							
	20 ft	VMP-43-20-041612	4/16/2012																							
		VMP-43-20-071912	7/19/2012																							
		VMP-43-20-101812	10/18/2012																							
		VMP-43-20-012413	1/24/2013																							
		VMP-43-20-043013	4/30/2013																							
		VMP-43-20-080913	8/9/2013																							
		VMP-43-20-102913	10/29/2013																							
		VMP-43-20-022714	2/27/2014																							
		VMP-43-20-081314	8/13/2014																							
		VMP-43-20-110614	11/6/2014																							
		VMP-43-20-021215	2/12/2015																							
		VMP-43-20-021215-DUP	2/12/2015																							
		VMP-43-20-050515	5/5/2015																							
		VMP-43-20-072115	7/21/2015																							
		VMP-43-20-102915	10/29/2015																							
		VMP-43-20-102915-DUP	10/29/2015																							
		VMP-43-20-020116	2/1/2016																							
		VMP-43-20-042716	4/27/2016																							
		VMP-43-20-072716	7/27/2016																							
		VMP-43-20-102616	10/26/2016																							
	30 ft	VMP-43-30-042312	4/23/2012																							
		VMP-43-30-071912	7/19/2012																							
		VMP-43-30-101812	10/18/2012																							
		VMP-43-30-012413	1/24/2013																							
		VMP-43-30-043013	4/30/2013																							
		VMP-43-30-080913	8/9/2013																							
		VMP-43-30-102913	10/29/2013																							
		VMP-43-30-022714	2/27/2014																							
		VMP-43-30-022714-Dup	2/27/2014																							
		VMP-43-30-042214	4/22/2014																							
		VMP-43-30-080614	8/6/2014																							
		VMP-43-30-050515	5/5/2015																							
		VMP-43-30-050515-DUP	5/5/2015																							
		VMP-43-30-072115	7/21/2015																							
		VMP-43-30-102915	10/29/2015																							
		VMP-43-30-020116	2/1/2016																							
		VMP-43-30-042716	4/27/2016																							
		VMP-43-30-042716-DUP	4/27/2016																							
		VMP-43-30-072716	7/27/2016																							
		VMP-43-30-102616	10/26/2016																							
		VMP-43-30-102616-Dup	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-041912	4/19/2012																							
		VMP-44-10-072012	7/20/2012																							
		VMP-44-10-081012	8/10/2012																							
		VMP-44-10-101212	10/12/2012																							
		VMP-44-10-012513	1/25/2013																							
		VMP-44-10-042913	4/29/2013																							
		VMP-44-10-080213	8/2/2013																							
		VMP-44-10-082313-R	8/23/2013																							
		VMP-44-10-111113	11/11/2013																							
		VMP-44-10-022814	2/28/2014																							
		VMP-44-10-043014	4/30/2014																							
		VMP-44-10-080614	8/6/2014																							
		VMP-44-10-110414	11/4/2014																							
		VMP-44-10-020415	2/4/2015																							
		VMP-44-10-050115	5/1/2015																							
		VMP-44-10-072415	7/24/2015																							
		VMP-44-10-102815	10/28/2015																							
		VMP-44-10-012516	1/25/2016																							
		VMP-44-10-042816	4/28/2016																							
		VMP-44-10-072716	7/27/2016																							
		VMP-44-10-102716	10/27/2016																							
	20 ft	VMP-44-20-041912	4/19/2012																							
		VMP-44-20-072512	7/25/2012																							
		VMP-44-20-101212	10/12/2012																							
		VMP-44-20-012513	1/25/2013																							
		VMP-44-20-042913	4/29/2013																							
		VMP-44-20-081313	8/13/2013																							
		VMP-44-20-111113	11/11/2013																							
		VMP-44-20-022814	2/28/2014																							
		VMP-44-20-043014	4/30/2014																							
		VMP-44-20-080614	8/6/2014																							
		VMP-44-20-110414	11/4/2014																							
		VMP-44-20-020415	2/4/2015																							
		VMP-44-20-051115	5/11/2015																							
		VMP-44-20-072415	7/24/2015																							
		VMP-44-20-102815	10/28/2015																							
		VMP-44-20-020216-R	2/2/2016																							
		VMP-44-20-042816	4/28/2016																							
		VMP-44-20-072716	7/27/2016																							
		VMP-44-20-102716	10/27/2016																							
	30 ft	VMP-44-30-041912	4/19/2012																							
		VMP-44-30-072512	7/25/2012																							
		VMP-44-30-072512-Dup	7/25/2012																							
		VMP-44-30-101512	10/15/2012																							
		VMP-44-30-101512-Dup	10/15/2012																							
		VMP-44-30-012513	1/25/2013																							
		VMP-44-30-043013	4/30/2013																							
		VMP-44-30-081313	8/13/2013																							
		VMP-44-30-111113	11/11/2013																							
		VMP-44-30-022814	2/28/2014																							
		VMP-44-30-043014	4/30/2014																							
		VMP-44-30-080614	8/6/2014																							
		VMP-44-30-110414	11/4/2014																							
		VMP-44-30-020415	2/4/2015																							
		VMP-44-30-051115	5/11/2015																							
		VMP-44-30-072415	7/24/2015																							
		VMP-44-30-102815	10/28/2015																							
		VMP-44-30-012516	1/25/2016																							
		VMP-44-30-050516	5/5/2016																							
		VMP-44-30-072716	7/27/2016																							
		VMP-44-30-102716	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-45	10 ft	VMP-45-10-041912	4/19/2012																							
		VMP-45-10-071912	7/19/2012																							
		VMP-45-10-101512	10/15/2012																							
		VMP-45-10-013013	1/30/2013																							
		VMP-45-10-042913	4/29/2013																							
		VMP-45-10-080513	8/5/2013																							
		VMP-45-10-102913	10/29/2013																							
		VMP-45-10-020714	2/7/2014																							
		VMP-45-10-042214	4/22/2014																							
		VMP-45-10-080114	8/1/2014																							
		VMP-45-10-102414	10/24/2014																							
		VMP-45-10-020615	2/6/2015																							
		VMP-45-10-051215	5/12/2015																							
		VMP-45-10-072115	7/21/2015																							
		VMP-45-10-102815	10/28/2015																							
		VMP-45-10-030916-R	3/9/2016																							
		VMP-45-10-042816	4/28/2016																							
		VMP-45-10-082616	8/26/2016																							
		VMP-45-10-102816	10/28/2016																							
	20 ft	VMP-45-20-041912	4/19/2012																							
		VMP-45-20-071912	7/19/2012																							
		VMP-45-20-101512	10/15/2012																							
		VMP-45-20-013013	1/30/2013																							
		VMP-45-20-042913	4/29/2013																							
		VMP-45-20-042913-Dup	4/29/2013																							
		VMP-45-20-080513	8/5/2013																							
		VMP-45-20-102913	10/29/2013																							
		VMP-45-20-020714	2/7/2014																							
		VMP-45-20-042214	4/22/2014																							
		VMP-45-20-080114	8/1/2014																							
		VMP-45-20-102414	10/24/2014																							
		VMP-45-20-020615	2/6/2015																							
		VMP-45-20-042915	4/29/2015																							
		VMP-45-20-072115	7/21/2015																							
		VMP-45-20-102815	10/28/2015																							
		VMP-45-20-012516	1/25/2016																							
		VMP-45-20-042816	4/28/2016																							
		VMP-45-20-072716	7/27/2016																							
		VMP-45-20-102816	10/28/2016																							
	30 ft	VMP-45-30-041912	4/19/2012																							
		VMP-45-30-071912	7/19/2012																							
		VMP-45-30-101512	10/15/2012																							
		VMP-45-30-101512-Dup	10/15/2012																							
		VMP-45-30-013013	1/30/2013																							
		VMP-45-30-042913	4/29/2013																							
		VMP-45-30-080513	8/5/2013																							
		VMP-45-30-102913	10/29/2013																							
		VMP-45-30-020714	2/7/2014																							
		VMP-45-30-042214	4/22/2014																							
		VMP-45-30-080114	8/1/2014																							
		VMP-45-30-102414	10/24/2014																							
		VMP-45-30-111214-R	11/12/2014																							
		VMP-45-30-020615	2/6/2015																							
		VMP-45-30-020615-DUP	2/6/2015																							
		VMP-45-30-042915	4/29/2015																							
		VMP-45-30-072115	7/21/2015																							
		VMP-45-30-072115-DUP	7/21/2015																							
		VMP-45-30-102815	10/28/2015																							
		VMP-45-30-012516	1/25/2016																							
		VMP-45-30-042816	4/28/2016																							
		VMP-45-30-042816-DUP	4/28/2016																							
		VMP-45-30-072716	7/27/2016																							
		VMP-45-30-102816	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013																							
		VMP-47-5-012313-R	1/23/2013																							
		VMP-47-5-060513	6/5/2013																							
		VMP-47-5-072613	7/26/2013																							
		VMP-47-5-110813	11/8/2013																							
		VMP-47-5-021814	2/18/2014																							
		VMP-47-5-042914	4/29/2014																							
		VMP-47-5-081314	8/13/2014																							
		VMP-47-5-093014-R	9/30/2014																							
		VMP-47-5-102814	10/28/2014																							
		VMP-47-5-020215	2/2/2015																							
		VMP-47-5-042815	4/28/2015																							
		VMP-47-5-072115	7/21/2015																							
		VMP-47-5-102715	10/27/2015																							
		VMP-47-5-012916	1/29/2016																							
		VMP-47-5-042516	4/25/2016																							
		VMP-47-5-072516	7/25/2016																							
		VMP-47-5-102616	10/26/2016																							
	10 ft	VMP-47-10-012113	1/21/2013																							
		VMP-47-10-012313-R	1/23/2013																							
		VMP-47-10-060513	6/5/2013																							
		VMP-47-10-072613	7/26/2013																							
		VMP-47-10-110813	11/8/2013																							
		VMP-47-10-021814	2/18/2014																							
		VMP-47-10-042914	4/29/2014																							
		VMP-47-10-073114	7/31/2014																							
		VMP-47-10-102814	10/28/2014																							
		VMP-47-10-020215	2/2/2015																							
		VMP-47-10-042815	4/28/2015																							
		VMP-47-10-072115	7/21/2015																							
		VMP-47-10-102715	10/27/2015																							
		VMP-47-10-012916	1/29/2016																							
		VMP-47-10-042516	4/25/2016																							
		VMP-47-10-080216	8/2/2016																							
		VMP-47-10-102616	10/26/2016																							
	20 ft	VMP-47-20-012113	1/21/2013																							
		VMP-47-20-012313-R	1/23/2013																							
		VMP-47-20-060513	6/5/2013																							
		VMP-47-20-060513-Dup	6/5/2013																							
		VMP-47-20-072613	7/26/2013																							
		VMP-47-20-110813	11/8/2013																							
		VMP-47-20-021914	2/19/2014																							
		VMP-47-20-042914	4/29/2014																							
		VMP-47-20-073114	7/31/2014																							
		VMP-47-20-102814	10/28/2014																							
		VMP-47-20-020215	2/2/2015																							
		VMP-47-20-042815	4/28/2015																							
		VMP-47-20-072115	7/21/2015																							
		VMP-47-20-102715	10/27/2015																							
		VMP-47-20-012916	1/29/2016																							
		VMP-47-20-042516	4/25/2016																							
		VMP-47-20-072516	7/25/2016																							
		VMP-47-20-102616	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-47	30 ft	VMP-47-30-012113	1/21/2013																							
		VMP-47-30-012313-R	1/23/2013																							
		VMP-47-30-060513	6/5/2013																							
		VMP-47-30-072613	7/26/2013																							
		VMP-47-30-110813	11/8/2013																							
		VMP-47-30-021914	2/19/2014																							
		VMP-47-30-042914	4/29/2014																							
		VMP-47-30-042914-Dup	4/29/2014																							
		VMP-47-30-073114	7/31/2014																							
		VMP-47-30-073114-Dup	7/31/2014																							
		VMP-47-30-102814	10/28/2014																							
		VMP-47-30-102814-DUP	10/28/2014																							
		VMP-47-30-020215	2/2/2015																							
		VMP-47-30-020215-DUP	2/2/2015																							
		VMP-47-30-042815	4/28/2015																							
		VMP-47-30-042815-DUP	4/28/2015																							
		VMP-47-30-072115	7/21/2015																							
		VMP-47-30-102715	10/27/2015																							
		VMP-47-30-102715-DUP	10/27/2015																							
		VMP-47-30-012916-DUP	1/29/2016																							
		VMP-47-30-042516	4/25/2016																							
		VMP-47-30-042516-DUP	4/25/2016																							
		VMP-47-30-072516	7/25/2016																							
		VMP-47-30-102616	10/26/2016																							
VMP-48	5 ft	VMP-48-5-020113	2/1/2013																							
		VMP-48-5-050313	5/3/2013																							
		VMP-48-5-080613	8/6/2013																							
		VMP-48-5-110513	11/5/2013																							
		VMP-48-5-022814	2/28/2014																							
		VMP-48-5-042814	4/28/2014																							
		VMP-48-5-080114	8/1/2014																							
		VMP-48-05-102914	10/29/2014																							
		VMP-48-5-020215	2/2/2015																							
		VMP-48-5-042815	4/28/2015																							
		VMP-48-5-072115	7/21/2015																							
		VMP-48-5-102015	10/20/2015																							
		VMP-48-5-012916	1/29/2016																							
		VMP-48-5-042516	4/25/2016																							
		VMP-48-5-072516	7/25/2016																							
		VMP-48-5-102616	10/26/2016																							
	10 ft	VMP-48-10-020113	2/1/2013																							
		VMP-48-10-050813	5/8/2013																							
		VMP-48-10-080613	8/6/2013																							
		VMP-48-10-103113	10/31/2013																							
		VMP-48-10-021814	2/18/2014																							
		VMP-48-10-042814	4/28/2014																							
		VMP-48-10-080114	8/1/2014																							
		VMP-48-10-102914	10/29/2014																							
		VMP-48-10-020215	2/2/2015																							
		VMP-48-10-042815	4/28/2015																							
		VMP-48-10-042815-DUP	4/28/2015																							
		VMP-48-10-072115	7/21/2015																							
		VMP-48-10-102015	10/20/2015																							
		VMP-48-10-012916	1/29/2016																							
		VMP-48-10-042516	4/25/2016																							
		VMP-48-10-072516	7/25/2016																							
		VMP-48-10-102616	10/26/2016																							
	20 ft	VMP-48-20-020113	2/1/2013																							
		VMP-48-20-103113	10/31/2013																							
		VMP-48-20-021814	2/18/2014																							
		VMP-48-20-042814	4/28/2014																							
		VMP-48-20-080114	8/1/2014																							
		VMP-48-20-102914	10/29/2014																							
		VMP-48-20-111814-R	11/18/2014																							
		VMP-48-20-020215	2/2/2015																							
		VMP-48-20-042815	4/28/2015																							
		VMP-48-20-102015	10/20/2015																							
		VMP-48-20-042516	4/25/2016																							
		VMP-48-20-102616	10/26/2016																							

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CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-48	30 ft	VMP-48-30-020113	2/1/2013																							
		VMP-48-30-020113-DUP	2/1/2013																							
		VMP-48-30-050313	5/3/2013																							
		VMP-48-30-080613	8/6/2013																							
		VMP-48-30-110513	11/5/2013																							
		VMP-48-30-021814	2/18/2014																							
		VMP-48-30-042814	4/28/2014																							
		VMP-48-30-042814-DUP	4/28/2014																							
		VMP-48-30-080114	8/1/2014																							
		VMP-48-30-080114-Dup	8/1/2014																							
		VMP-48-30-102914	10/29/2014																							
		VMP-48-30-111814-R	11/18/2014																							
		VMP-48-30-020215	2/2/2015																							
		VMP-48-30-042815	4/28/2015																							
		VMP-48-30-080315	8/3/2015																							
		VMP-48-30-102015	10/20/2015																							
		VMP-48-30-102015-DUP	10/20/2015																							
		VMP-48-30-012916	1/29/2016																							
		VMP-48-30-042516	4/25/2016																							
		VMP-48-30-042516-DUP	4/25/2016																							
		VMP-48-30-072516	7/25/2016																							
		VMP-48-30-102616	10/26/2016																							
		VMP-48-30-102616-Dup	10/26/2016																							
VMP-49	5 ft	VMP-49-5-020113	2/1/2013																							
		VMP-49-5-050713	5/7/2013																							
		VMP-49-5-080613	8/6/2013																							
		VMP-49-5-111113	11/11/2013																							
		VMP-49-5-021814	2/18/2014																							
		VMP-49-5-042814	4/28/2014																							
		VMP-49-5-080114	8/1/2014																							
		VMP-49-5-102914	10/29/2014																							
		VMP-49-5-102914-DUP	10/29/2014																							
		VMP-49-5-020215	2/3/2015																							
		VMP-49-5-042815	4/28/2015																							
		VMP-49-5-073015	7/30/2015																							
		VMP-49-5-110315	11/3/2015																							
		VMP-49-5-020116	2/1/2016																							
		VMP-49-5-042616	4/26/2016																							
		VMP-49-5-080116	8/1/2016																							
		VMP-49-5-102716	10/27/2016																							
	10 ft	VMP-49-10-020113	2/1/2013																							
		VMP-49-10-050713	5/7/2013																							
		VMP-49-10-050713-Dup	5/7/2013																							
		VMP-49-10-080613	8/6/2013																							
		VMP-49-10-103113	10/31/2013																							
		VMP-49-10-021814	2/18/2014																							
		VMP-49-10-042814	4/28/2014																							
		VMP-49-10-080114	8/1/2014																							
		VMP-49-10-102914	10/29/2014																							
		VMP-49-10-020215	2/3/2015																							
		VMP-49-10-042815	4/28/2015																							
		VMP-49-10-073015	7/30/2015																							
		VMP-49-10-110315	11/3/2015																							
		VMP-49-10-020116	2/1/2016																							
		VMP-49-10-042616	4/26/2016																							
		VMP-49-10-080116	8/1/2016																							
		VMP-49-10-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-49	20 ft	VMP-49-20-020113	2/1/2013																							
		VMP-49-20-050913	5/9/2013																							
		VMP-49-20-080613	8/6/2013																							
		VMP-49-20-080613-Dup	8/6/2013																							
		VMP-49-20-111113	11/11/2013																							
		VMP-49-20-021814	2/18/2014																							
		VMP-49-20-042814	4/28/2014																							
		VMP-49-20-080114	8/1/2014																							
		VMP-49-20-102914	10/29/2014																							
		VMP-49-20-020215	2/3/2015																							
		VMP-49-20-073015	7/30/2015																							
		VMP-49-20-110315	11/3/2015																							
		VMP-49-20-020116	2/1/2016																							
		VMP-49-20-042616	4/26/2016																							
		VMP-49-20-080116	8/1/2016																							
		VMP-49-20-102716	10/27/2016																							
	30 ft	VMP-49-30-020113	2/1/2013																							
		VMP-49-30-050813	5/8/2013																							
		VMP-49-30-080613	8/6/2013																							
		VMP-49-30-111113	11/11/2013																							
		VMP-49-30-021814	2/18/2014																							
		VMP-49-30-021814-Dup	2/18/2014																							
		VMP-49-30-042814	4/28/2014																							
		VMP-49-30-080114	8/1/2014																							
		VMP-49-30-102914	10/29/2014																							
		VMP-49-30-020215	2/3/2015																							
		VMP-49-30-042815	4/28/2015																							
		VMP-49-30-073015	7/30/2015																							
		VMP-49-30-073015-DUP	7/30/2015																							
		VMP-49-30-110315	11/3/2015																							
		VMP-49-30-110315-DUP	11/3/2015																							
		VMP-49-30-020116	2/1/2016																							
		VMP-49-30-020116-DUP	2/1/2016																							
		VMP-49-30-042716	4/27/2016																							
		VMP-49-30-042716-DUP	4/27/2016																							
		VMP-49-30-080116	8/1/2016																							
		VMP-49-30-080116-DUP	8/1/2016																							
		VMP-49-30-102716	10/27/2016																							
VMP-50	5 ft	VMP-50-5-020113	2/1/2013																							
		VMP-50-5-050713	5/7/2013																							
		VMP-50-5-080713	8/7/2013																							
		VMP-50-5-110713	11/7/2013																							
		VMP-50-5-022614	2/26/2014																							
		VMP-50-5-043014	4/30/2014																							
		VMP-50-5-081414	8/14/2014																							
		VMP-50-5-110614	11/6/2014																							
		VMP-50-5-021015	2/10/2015																							
		VMP-50-5-050515	5/5/2015																							
		VMP-50-5-073015	7/30/2015																							
		VMP-50-5-110315	11/3/2015																							
		VMP-50-5-020216	2/2/2016																							
		VMP-50-5-050316	5/3/2016																							
		VMP-50-5-080216	8/2/2016																							
		VMP-50-5-103116	10/31/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-50	10 ft	VMP-50-10-020113	2/1/2013																							
		VMP-50-10-050713	5/7/2013																							
		VMP-50-10-080713	8/7/2013																							
		VMP-50-10-080713-Dup	8/7/2013																							
		VMP-50-10-110713	11/7/2013																							
		VMP-50-10-022614	2/26/2014																							
		VMP-50-10-043014	4/30/2014																							
		VMP-50-10-081414	8/14/2014																							
		VMP-50-10-110614	11/6/2014																							
		VMP-50-10-021015	2/10/2015																							
		VMP-50-10-050515	5/5/2015																							
		VMP-50-10-073015	7/30/2015																							
		VMP-50-10-110315	11/3/2015																							
		VMP-50-10-020216	2/2/2016																							
		VMP-50-10-050316	5/3/2016																							
		VMP-50-10-082616	8/26/2016																							
		VMP-50-10-103116	10/31/2016																							
	20 ft	VMP-50-20-020113	2/1/2013																							
		VMP-50-20-050713	5/7/2013																							
		VMP-50-20-080713	8/7/2013																							
		VMP-50-20-110713	11/7/2013																							
		VMP-50-20-110713-Dup	11/7/2013																							
		VMP-50-20-022614	2/26/2014																							
		VMP-50-20-043014	4/30/2014																							
		VMP-50-20-081414	8/14/2014																							
		VMP-50-20-110614	11/6/2014																							
		VMP-50-20-021015	2/10/2015																							
		VMP-50-20-050515	5/5/2015																							
		VMP-50-20-073015	7/30/2015																							
		VMP-50-20-110315	11/3/2015																							
		VMP-50-20-020216	2/2/2016																							
		VMP-50-20-050316	5/3/2016																							
		VMP-50-20-082616	8/26/2016																							
		VMP-50-20-103116	10/31/2016																							
	30 ft	VMP-50-30-020113	2/1/2013																							
		VMP-50-30-050713	5/7/2013																							
		VMP-50-30-080713	8/7/2013																							
		VMP-50-30-110713	11/7/2013																							
		VMP-50-30-022614	2/26/2014																							
		VMP-50-30-022614-Dup	2/26/2014																							
		VMP-50-30-043014	4/30/2014																							
		VMP-50-30-043014-DUP	4/30/2014																							
		VMP-50-30-081414	8/14/2014																							
		VMP-50-30-081414-Dup	8/14/2014																							
		VMP-50-30-110614	11/6/2014																							
		VMP-50-30-110614-DUP	11/6/2014																							
		VMP-50-30-021015	2/10/2015																							
		VMP-50-30-050515	5/5/2015																							
		VMP-50-30-061515-R	6/15/2015																							
		VMP-50-30-073015	7/30/2015																							
		VMP-50-30-110315	11/3/2015																							
		VMP-50-30-020216	2/2/2016																							
		VMP-50-30-020216-DUP	2/2/2016																							
		VMP-50-30-050316	5/3/2016																							
		VMP-50-30-080216	8/2/2016																							
		VMP-50-30-103116	10/31/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013																							
		VMP-51-5-050213	5/2/2013																							
		VMP-51-5-080713	8/7/2013																							
		VMP-51-5-103013	10/30/2013																							
		VMP-51-5-021814	2/18/2014																							
		VMP-51-5-042814	4/28/2014																							
		VMP-51-5-080114	8/1/2014																							
		VMP-51-05-102914	10/29/2014																							
		VMP-51-5-020315	2/3/2015																							
		VMP-51-5-042915	4/29/2015																							
		VMP-51-5-072115	7/21/2015																							
		VMP-51-5-102815	10/28/2015																							
		VMP-51-5-012516	1/25/2016																							
		VMP-51-5-042816	4/28/2016																							
		VMP-51-5-072716	7/27/2016																							
		VMP-51-5-101916	10/19/2016																							
	10 ft	VMP-51-10-020113	2/1/2013																							
		VMP-51-10-050213	5/2/2013																							
		VMP-51-10-080713	8/7/2013																							
		VMP-51-10-103013	10/30/2013																							
		VMP-51-10-021814	2/18/2014																							
		VMP-51-10-042814	4/28/2014																							
		VMP-51-10-080114	8/1/2014																							
		VMP-51-10-102914	10/29/2014																							
		VMP-51-10-020315	2/3/2015																							
		VMP-51-10-042915	4/29/2015																							
		VMP-51-10-072115	7/21/2015																							
		VMP-51-10-102815	10/28/2015																							
		VMP-51-10-012516	1/25/2016																							
		VMP-51-10-042816	4/28/2016																							
		VMP-51-10-042816-DUP	4/28/2016																							
		VMP-51-10-072716	7/27/2016																							
		VMP-51-10-101916	10/19/2016																							
	20 ft	VMP-51-20-021513-R	2/15/2013																							
		VMP-51-20-050213	5/2/2013																							
		VMP-51-20-080713	8/7/2013																							
		VMP-51-20-103013	10/30/2013																							
		VMP-51-20-021814	2/18/2014																							
		VMP-51-20-042814	4/28/2014																							
		VMP-51-20-080114	8/1/2014																							
		VMP-51-20-102914	10/29/2014																							
		VMP-51-20-020315	2/3/2015																							
		VMP-51-20-042915	4/29/2015																							
		VMP-51-20-072115	7/21/2015																							
		VMP-51-20-102815	10/28/2015																							
		VMP-51-20-012516	1/25/2016																							
		VMP-51-20-042816	4/28/2016																							
		VMP-51-20-052516-R	5/25/2016																							
		VMP-51-20-072716	7/27/2016																							
		VMP-51-20-101916-Dup	10/19/2016																							
		VMP-51-20-101916	10/19/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-51	30 ft	VMP-51-30-020413	2/4/2013																							
		VMP-51-30-020413-DUP	2/4/2013																							
		VMP-51-30-050213	5/2/2013																							
		VMP-51-30-080713	8/7/2013																							
		VMP-51-30-103013	10/30/2013																							
		VMP-51-30-021814	2/18/2014																							
		VMP-51-30-042814	4/28/2014																							
		VMP-51-30-080114	8/1/2014																							
		VMP-51-30-102914	10/29/2014																							
		VMP-51-30-102914-DUP	10/29/2014																							
		VMP-51-30-020315	2/3/2015																							
		VMP-51-30-020315-DUP	2/3/2015																							
		VMP-51-30-042915	4/29/2015																							
		VMP-51-30-042915-DUP	4/29/2015																							
		VMP-51-30-072115	7/21/2015																							
		VMP-51-30-102815	10/28/2015																							
		VMP-51-30-012516	1/25/2016																							
		VMP-51-30-012516-DUP	1/25/2016																							
		VMP-51-30-042816	4/28/2016																							
		VMP-51-30-072716	7/27/2016																							
		VMP-51-30-072716-DUP	7/27/2016																							
		VMP-51-30-101916	10/19/2016																							
VMP-52	5 ft	VMP-52-5-020413	2/4/2013																							
		VMP-52-5-050213	5/2/2013																							
		VMP-52-5-050213-Dup	5/2/2013																							
		VMP-52-5-080713	8/7/2013																							
		VMP-52-5-103013	10/30/2013																							
		VMP-52-5-022114	2/21/2014																							
		VMP-52-5-050514	5/5/2014																							
		VMP-52-5-050514-Dup	5/5/2014																							
		VMP-52-5-080114	8/1/2014																							
		VMP-52-5-103114	10/31/2014																							
		VMP-52-5-020415	2/4/2015																							
		VMP-52-5-042915	4/29/2015																							
		VMP-52-5-072715	7/27/2015																							
		VMP-52-5-102915	10/29/2015																							
		VMP-52-5-012516	1/25/2016																							
		VMP-52-5-042516	4/25/2016																							
		VMP-52-5-072716	7/27/2016																							
		VMP-52-5-102716	10/27/2016																							
	10 ft	VMP-52-10-020413	2/4/2013																							
		VMP-52-10-051613	5/16/2013																							
		VMP-52-10-080713	8/7/2013																							
		VMP-52-10-103013	10/30/2013																							
		VMP-52-10-022114	2/21/2014																							
		VMP-52-10-080114	8/1/2014																							
		VMP-52-10-103114	10/31/2014																							
		VMP-52-10-020415	2/4/2015																							
		VMP-52-10-042915	4/29/2015																							
		VMP-52-10-072715	7/27/2015																							
		VMP-52-10-102915	10/29/2015																							
		VMP-52-10-012516	1/25/2016																							
		VMP-52-10-042516	4/25/2016																							
		VMP-52-10-072716	7/27/2016																							
		VMP-52-10-102716	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-52	20 ft	VMP-52-20-020413	2/4/2013																							
		VMP-52-20-020413-DUP	2/4/2013																							
		VMP-52-20-050213	5/2/2013																							
		VMP-52-20-080713	8/7/2013																							
		VMP-52-20-103013	10/30/2013																							
		VMP-52-20-022114	2/21/2014																							
		VMP-52-20-042914	4/29/2014																							
		VMP-52-20-082014-R	8/20/2014																							
		VMP-52-20-103114	10/31/2014																							
		VMP-52-20-020415	2/4/2015																							
		VMP-52-20-042915	4/29/2015																							
		VMP-52-20-072715	7/27/2015																							
		VMP-52-20-102915	10/29/2015																							
		VMP-52-20-012516	1/25/2016																							
		VMP-52-20-042516	4/25/2016																							
		VMP-52-20-072716	7/27/2016																							
		VMP-52-20-102716	10/27/2016																							
	30 ft	VMP-52-30-020413	2/4/2013																							
		VMP-52-30-050613	5/6/2013																							
		VMP-52-30-080713	8/7/2013																							
		VMP-52-30-103013	10/30/2013																							
		VMP-52-30-022114	2/21/2014																							
		VMP-52-30-022114-Dup	2/21/2014																							
		VMP-52-30-042914	4/29/2014																							
		VMP-52-30-042914-DUP	4/29/2014																							
		VMP-52-30-080114	8/1/2014																							
		VMP-52-30-080114-Dup	8/1/2014																							
		VMP-52-30-103114	10/31/2014																							
		VMP-52-30-020415	2/4/2015																							
		VMP-52-30-020415-DUP	2/4/2015																							
		VMP-52-30-042915	4/29/2015																							
		VMP-52-30-072715	7/27/2015																							
		VMP-52-30-102915	10/29/2015																							
		VMP-52-30-020216-R	2/2/2016																							
		VMP-52-30-042516	4/25/2016																							
		VMP-52-30-072716	7/27/2016																							
		VMP-52-30-102716	10/27/2016																							
VMP-53	5 ft	VMP-53-5-020513	2/5/2013																							
		VMP-53-5-050213	5/2/2013																							
		VMP-53-5-071113-R	7/11/2013																							
		VMP-53-5-080613	8/6/2013																							
		VMP-53-5-103013	10/30/2013																							
		VMP-53-5-022114	2/21/2014																							
		VMP-53-5-042514	4/25/2014																							
		VMP-53-5-073014	7/30/2014																							
		VMP-53-5-102914	10/29/2014																							
		VMP-53-5-020415	2/4/2015																							
		VMP-53-5-050415	5/4/2015																							
		VMP-53-5-072415	7/24/2015																							
		VMP-53-5-102815	10/28/2015																							
		VMP-53-5-012816	1/28/2016																							
		VMP-53-5-042816	4/28/2016																							
		VMP-53-5-072916	7/29/2016																							
		VMP-53-5-102516	10/25/2016																							
		VMP-53-5-120916	12/9/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-53	10 ft	VMP-53-10-020513	2/5/2013																							
		VMP-53-10-020513-DUP	2/5/2013																							
		VMP-53-10-050313	5/3/2013																							
		VMP-53-10-071113-R	7/11/2013																							
		VMP-53-10-080613	8/6/2013																							
		VMP-53-10-080613-Dup	8/6/2013																							
		VMP-53-10-103013	10/30/2013																							
		VMP-53-10-022114	2/21/2014																							
		VMP-53-10-042514	4/25/2014																							
		VMP-53-10-073014	7/30/2014																							
		VMP-53-10-102914	10/29/2014																							
		VMP-53-10-020415	2/4/2015																							
		VMP-53-10-050415	5/4/2015																							
		VMP-53-10-072415	7/24/2015																							
		VMP-53-10-102815	10/28/2015																							
		VMP-53-10-012816	1/28/2016																							
		VMP-53-10-042816	4/28/2016																							
		VMP-53-10-082616	8/26/2016																							
		VMP-53-10-102516	10/25/2016																							
		VMP-53-10-120916	12/9/2016																							
	20 ft	VMP-53-20-020513	2/5/2013																							
		VMP-53-20-050313	5/3/2013																							
		VMP-53-20-071113-R	7/11/2013																							
		VMP-53-20-080613	8/6/2013																							
		VMP-53-20-103013	10/30/2013																							
		VMP-53-20-103013-Dup	10/30/2013																							
		VMP-53-20-022114	2/21/2014																							
		VMP-53-20-042514	4/25/2014																							
		VMP-53-20-073014	7/30/2014																							
		VMP-53-20-102914	10/29/2014																							
		VMP-53-20-020415	2/4/2015																							
		VMP-53-20-050415	5/4/2015																							
		VMP-53-20-072415	7/24/2015																							
		VMP-53-20-102815	10/28/2015																							
		VMP-53-20-021616	2/16/2016																							
		VMP-53-20-042816	4/28/2016																							
		VMP-53-20-072916	7/29/2016																							
		VMP-53-20-102516	10/25/2016																							
		VMP-53-20-120916	12/9/2016																							
	30 ft	VMP-53-30-020513	2/5/2013																							
		VMP-53-30-050313	5/3/2013																							
		VMP-53-30-071113-R	7/11/2013																							
		VMP-53-30-080613	8/6/2013																							
		VMP-53-30-103013	10/30/2013																							
		VMP-53-30-022114	2/21/2014																							
		VMP-53-30-042514	4/25/2014																							
		VMP-53-30-042514-DUP	4/25/2014																							
		VMP-53-30-073014	7/30/2014																							
		VMP-53-30-073014-Dup	7/30/2014																							
		VMP-53-30-102914	10/29/2014																							
		VMP-53-30-020415	2/4/2015																							
		VMP-53-30-050415	5/4/2015																							
		VMP-53-30-072415	7/24/2015																							
		VMP-53-30-102815	10/28/2015																							
		VMP-53-30-012816	1/28/2016																							
		VMP-53-30-042816	4/28/2016																							
		VMP-53-30-052516-R	5/25/2016																							
		VMP-53-30-072916	7/29/2016																							
		VMP-53-30-102516	10/25/2016																							
		VMP-53-30-120916	12/9/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-020613	2/6/2013																							
		VMP-54-5-050213	5/2/2013																							
		VMP-54-5-080613	8/6/2013																							
		VMP-54-5-103013	10/30/2013																							
		VMP-54-5-021014	2/10/2014																							
		VMP-54-5-042514	4/25/2014																							
		VMP-54-5-073014	7/30/2014																							
		VMP-54-5-102914	10/29/2014																							
		VMP-54-5-020515	2/5/2015																							
		VMP-54-5-050415	5/4/2015																							
		VMP-54-5-072415	7/24/2015																							
		VMP-54-5-102715	10/27/2015																							
		VMP-54-5-012816	1/28/2016																							
		VMP-54-5-042916	4/29/2016																							
		VMP-54-5-080116	8/1/2016																							
		VMP-54-5-102816	10/28/2016																							
	10 ft	VMP-54-10-020613	2/6/2013																							
		VMP-54-10-050213	5/2/2013																							
		VMP-54-10-080613	8/6/2013																							
		VMP-54-10-103013	10/30/2013																							
		VMP-54-10-021014	2/10/2014																							
		VMP-54-10-050814-R	5/8/2014																							
		VMP-54-10-073014	7/30/2014																							
		VMP-54-10-102914	10/29/2014																							
		VMP-54-10-020515	2/5/2015																							
		VMP-54-10-050415	5/4/2015																							
		VMP-54-10-072415	7/24/2015																							
		VMP-54-10-102715	10/27/2015																							
		VMP-54-10-012816	1/28/2016																							
		VMP-54-10-042916	4/29/2016																							
		VMP-54-10-080116	8/1/2016																							
		VMP-54-10-102816	10/28/2016																							
	20 ft	VMP-54-20-020613	2/6/2013																							
		VMP-54-20-020613-DUP	2/6/2013																							
		VMP-54-20-050213	5/2/2013																							
		VMP-54-20-080613	8/6/2013																							
		VMP-54-20-103013	10/30/2013																							
		VMP-54-20-021014	2/10/2014																							
		VMP-54-20-042514	4/25/2014																							
		VMP-54-20-073014	7/30/2014																							
		VMP-54-20-102914	10/29/2014																							
		VMP-54-20-020515	2/5/2015																							
		VMP-54-20-050415	5/4/2015																							
		VMP-54-20-072415	7/24/2015																							
		VMP-54-20-102715	10/27/2015																							
		VMP-54-20-102715-DUP	10/27/2015																							
		VMP-54-20-012816	1/28/2016																							
		VMP-54-20-050516	5/5/2016																							
		VMP-54-20-050516-DUP	5/5/2016																							
		VMP-54-20-080116	8/1/2016																							
		VMP-54-20-102816	10/28/2016																							
	30 ft	VMP-54-30-020613	2/6/2013																							
		VMP-54-30-020613-DUP	2/6/2013																							
		VMP-54-30-050213	5/2/2013																							
		VMP-54-30-050213-Dup	5/2/2013																							
		VMP-54-30-103013	10/30/2013																							
		VMP-54-30-021014	2/10/2014																							
		VMP-54-30-042514	4/25/2014																							
		VMP-54-30-073014	7/30/2014																							
		VMP-54-30-110614-R	11/6/2014																							
		VMP-54-30-021215	2/12/2015																							
		VMP-54-30-050415	5/4/2015																							
		VMP-54-30-080315	8/3/2015																							
		VMP-54-30-102715	10/27/2015																							
		VMP-54-30-012816	1/28/2016																							
		VMP-54-30-042916	4/29/2016																							
		VMP-54-30-042916-DUP	4/29/2016																							
		VMP-54-30-080116	8/1/2016																							
		VMP-54-30-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-110414	11/4/2014																							
		VMP-55-5-110414-DUP	11/4/2014																							
		VMP-55-5-020515	2/5/2015																							
		VMP-55-5-050615	5/6/2015																							
		VMP-55-5-110215	11/2/2015																							
		VMP-55-5-020416	2/4/2016																							
		VMP-55-5-082616	8/26/2016																							
	20 ft	VMP-55-20-021513	2/15/2013																							
		VMP-55-20-050113	5/1/2013																							
		VMP-55-20-080713	8/7/2013																							
		VMP-55-20-110813	11/8/2013																							
		VMP-55-20-021814	2/18/2014																							
		VMP-55-20-050514	5/5/2014																							
		VMP-55-20-050514-Dup	5/5/2014																							
		VMP-55-20-081314	8/13/2014																							
		VMP-55-20-110414	11/4/2014																							
		VMP-55-20-020515	2/5/2015																							
		VMP-55-20-050615	5/6/2015																							
		VMP-55-20-072915	7/29/2015																							
		VMP-55-20-072915-DUP	7/29/2015																							
		VMP-55-20-110215	11/2/2015																							
		VMP-55-20-020416	2/4/2016																							
		VMP-55-20-020416-DUP	2/4/2016																							
		VMP-55-20-050416	5/4/2016																							
		VMP-55-20-080316	8/3/2016																							
		VMP-55-20-110116	11/1/2016																							
	30 ft	VMP-55-30-030915	3/9/2015																							
		VMP-55-30-050615	5/6/2015																							
		VMP-55-30-050615-DUP	5/6/2015																							
		VMP-55-30-061515-Dup-R	6/15/2015																							
		VMP-55-30-061515-R	6/15/2015																							
VMP-56	10 ft	VMP-56-10-050114	5/1/2014																							
		VMP-56-10-081214	8/12/2014																							
		VMP-56-10-110514	11/5/2014																							
		VMP-56-10-021015	2/10/2015																							
		VMP-56-10-110315	11/3/2015																							
		VMP-56-10-020416	2/4/2016																							
		VMP-56-10-050516	5/5/2016																							
		VMP-56-10-072716	7/27/2016																							
		VMP-56-10-102416	10/24/2016																							
	25 ft	VMP-56-25-050114	5/1/2014																							
		VMP-56-25-081214	8/12/2014																							
		VMP-56-25-110514	11/5/2014																							
		VMP-56-25-021015	2/10/2015																							
		VMP-56-25-050715	5/7/2015																							
		VMP-56-25-073115	7/31/2015																							
		VMP-56-25-110315	11/3/2015																							
		VMP-56-25-020416	2/4/2016																							
		VMP-56-25-050516	5/5/2016																							
		VMP-56-25-050516-DUP	5/5/2016																							
		VMP-56-25-072716	7/27/2016																							
		VMP-56-25-102416	10/24/2016																							
	38.5 ft	VMP-56-38.5-050114	5/1/2014																							
		VMP-56-38.5-081214	8/12/2014																							
		VMP-56-38.5-081214-Dup	8/12/2014																							
		VMP-56-38.5-110514	11/5/2014																							
		VMP-56-38.5-110514-DUP	11/5/2014																							
		VMP-56-38.5-021015	2/10/2015																							
		VMP-56-38.5-050715	5/7/2015																							
		VMP-56-38.5-061515-R	6/15/2015																							
		VMP-56-38.5-073115	7/31/2015																							
		VMP-56-38.5-073115-DUP	7/31/2015																							
		VMP-56-38.5-110315	11/3/2015																							
		VMP-56-38.5-110315-DUP	11/3/2015																							
		VMP-56-38.5-020416	2/4/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-122313	12/23/2013	12																							
		VMP-62-5-021014	2/10/2014																								
		VMP-62-5-042514	4/25/2014																								
		VMP-62-5-073014	7/30/2014																								
		VMP-62-5-111014-R	11/10/2014																								
		VMP-62-5-020315	2/3/2015																								
		VMP-62-5-042815	4/28/2015																								
		VMP-62-5-072415	7/24/2015																								
		VMP-62-5-102015	10/20/2015																								
		VMP-62-5-012816	1/28/2016																								
		VMP-62-5-042516	4/25/2016																								
		VMP-62-5-072616	7/26/2016																								
		VMP-62-5-102416	10/24/2016																								
	10 ft	VMP-62-10-122313	12/23/2013																								
		VMP-62-10-021014	2/10/2014																								
		VMP-62-10-042514	4/25/2014																								
		VMP-62-10-073014	7/30/2014																								
		VMP-62-10-102814	10/28/2014																								
		VMP-62-10-020315	2/3/2015																								
		VMP-62-10-042815	4/28/2015																								
		VMP-62-10-072415	7/24/2015																								
		VMP-62-10-102015	10/20/2015																								
		VMP-62-10-012816	1/28/2016																								
		VMP-62-10-042516	4/25/2016																								
		VMP-62-10-072616	7/26/2016																								
		VMP-62-10-102416	10/24/2016																								
	20 ft	VMP-62-20-122313	12/23/2013																								
		VMP-62-20-122313-Dup	12/23/2013																								
		VMP-62-20-021014	2/10/2014																								
		VMP-62-20-042514	4/25/2014																								
		VMP-62-20-073014	7/30/2014																								
		VMP-62-20-102814	10/28/2014																								
		VMP-62-20-020315	2/3/2015																								
		VMP-62-20-042815	4/28/2015																								
		VMP-62-20-072415	7/24/2015																								
		VMP-62-20-102015	10/20/2015																								
		VMP-62-20-012816	1/28/2016																								
		VMP-62-20-042516	4/25/2016																								
		VMP-62-20-072616	7/26/2016																								
		VMP-62-20-102416	10/24/2016																								
	30 ft	VMP-62-30-122313	12/23/2013																								
		VMP-62-30-122313-Dup	12/23/2013																								
		VMP-62-30-021014	2/10/2014																								
		VMP-62-30-042514	4/25/2014																								
		VMP-62-30-073014	7/30/2014																								
		VMP-62-30-073014-Dup	7/30/2014																								
		VMP-62-30-102814	10/28/2014																								
		VMP-62-30-020315	2/3/2015																								
		VMP-62-30-042815	4/28/2015																								
		VMP-62-30-072415	7/24/2015																								
		VMP-62-30-102015	10/20/2015																								
		VMP-62-30-012816	1/28/2016																								
		VMP-62-30-012816-DUP	1/28/2016																								
		VMP-62-30-042516	4/25/2016																								
		VMP-62-30-072616	7/26/2016																								
		VMP-62-30-072616-DUP	7/26/2016																								
		VMP-62-30-102416	10/24/2016																								
		VMP-62-30-102416-Dup	10/24/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-121113	12/11/2013				41												3			70					
		VMP-63-5-022814	2/28/2014																								
		VMP-63-5-042514	4/25/2014																								
		VMP-63-5-073014	7/30/2014																								
		VMP-63-5-102814	10/28/2014																								
		VMP-63-5-020315	2/3/2015																								
		VMP-63-5-042815	4/28/2015																								
		VMP-63-5-072415	7/24/2015																								
		VMP-63-5-102615	10/26/2015																								
		VMP-63-5-012816	1/28/2016																								
		VMP-63-5-042616	4/26/2016																								
		VMP-63-5-072516	7/25/2016																								
		VMP-63-5-102416	10/24/2016																								
	10 ft	VMP-63-10-121113	12/11/2013																								
		VMP-63-10-020714	2/7/2014																								
		VMP-63-10-042514	4/25/2014																								
		VMP-63-10-073014	7/30/2014																								
		VMP-63-10-102814	10/28/2014																								
		VMP-63-10-020315	2/3/2015																								
		VMP-63-10-042815	4/28/2015																								
		VMP-63-10-072415	7/24/2015																								
		VMP-63-10-102615	10/26/2015																								
		VMP-63-10-012816	1/28/2016																								
		VMP-63-10-042616	4/26/2016																								
		VMP-63-10-072516	7/25/2016																								
		VMP-63-10-102416	10/24/2016																								
	20 ft	VMP-63-20-121213	12/12/2013																			39			18		
		VMP-63-20-020714	2/7/2014																								
		VMP-63-20-042514	4/25/2014																								
		VMP-63-20-073014	7/30/2014																								
		VMP-63-20-102814	10/28/2014																								
		VMP-63-20-102814-DUP	10/28/2014																								
		VMP-63-20-020315	2/3/2015																								
		VMP-63-20-020315-DUP	2/3/2015																								
		VMP-63-20-042815	4/28/2015																								
		VMP-63-20-072415	7/24/2015																								
		VMP-63-20-102615	10/26/2015																								
		VMP-63-20-012816	1/28/2016																								
		VMP-63-20-042616	4/26/2016																								
		VMP-63-20-042616-DUP	4/26/2016																								
		VMP-63-20-072516	7/25/2016																								
		VMP-63-20-102416	10/24/2016																								
	30 ft	VMP-63-30-121113	12/11/2013													15											
		VMP-63-30-020714	2/7/2014																								
		VMP-63-30-042514	4/25/2014																								
		VMP-63-30-042514-DUP	4/25/2014																								
		VMP-63-30-073014	7/30/2014																								
		VMP-63-30-102814	10/28/2014																								
		VMP-63-30-020315	2/3/2015																								
		VMP-63-30-042815	4/28/2015																								
		VMP-63-30-072415	7/24/2015																								
		VMP-63-30-102615	10/26/2015																								
		VMP-63-30-102615-DUP	10/26/2015																								
		VMP-63-30-012816	1/28/2016																								
		VMP-63-30-042616	4/26/2016																								
		VMP-63-30-072516	7/25/2016																								
		VMP-63-30-072516-DUP	7/25/2016																								
		VMP-63-30-102416	10/24/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Cyclohexane, 1,3-dimethyl-, cis-			Cyclohexane, 1,4-dimethyl-, trans-			Cyclohexane, 2-propenyl-			Cyclopentane, methyl-			Cyclopropane, 1-ethyl-2-heptyl-			Decane, 2,2,3-trimethyl-			Decane, 2,2,5-trimethyl-			Decane, 2,2,7-trimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-122313	12/23/2013							66																
		VMP-64-5-022814	2/28/2014																							
		VMP-64-5-042514	4/25/2014																							
		VMP-64-5-073114	7/31/2014																							
		VMP-64-5-102814	10/28/2014																							
		VMP-64-5-020315	2/3/2015																							
		VMP-64-5-042815	4/28/2015																							
		VMP-64-5-072415	7/24/2015																							
		VMP-64-5-102615	10/26/2015																							
		VMP-64-5-012816	1/28/2016																							
		VMP-64-5-042616	4/26/2016																							
		VMP-64-5-080216	8/2/2016																							
		VMP-64-5-080216-DUP	8/2/2016																							
		VMP-64-5-102416	10/24/2016																							
	10 ft	VMP-64-10-122313	12/23/2013																							
		VMP-64-10-021014	2/10/2014																							
		VMP-64-10-042514	4/25/2014																							
		VMP-64-10-073114	7/31/2014																							
		VMP-64-10-102814	10/28/2014																							
		VMP-64-10-020315	2/3/2015																							
		VMP-64-10-042815	4/28/2015																							
		VMP-64-10-072415	7/24/2015																							
		VMP-64-10-102615	10/26/2015																							
		VMP-64-10-012816	1/28/2016																							
		VMP-64-10-042616	4/26/2016																							
		VMP-64-10-072216	7/22/2016																							
		VMP-64-10-102416	10/24/2016																							
	20 ft	VMP-64-20-122313	12/23/2013																							
		VMP-64-20-122313-Dup	12/23/2013																							
		VMP-64-20-021014	2/10/2014																							
		VMP-64-20-042514	4/25/2014																							
		VMP-64-20-073114	7/31/2014																							
		VMP-64-20-102814	10/28/2014																							
		VMP-64-20-020315	2/3/2015																							
		VMP-64-20-042815	4/28/2015																							
		VMP-64-20-072415	7/24/2015																							
		VMP-64-20-102615	10/26/2015																							
		VMP-64-20-012816	1/28/2016																							
		VMP-64-20-042616	4/26/2016																							
		VMP-64-20-042616-DUP	4/26/2016																							
		VMP-64-20-072216	7/22/2016																							
		VMP-64-20-072216-DUP	7/22/2016																							
		VMP-64-20-102416	10/24/2016																							
		VMP-64-20-102416-Dup	10/24/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5	11/2/2009																							
		VMP-1-5-082510	8/25/2010																							
		VMP-1-5-111710	11/17/2010																							
		VMP-1-5-020411	2/4/2011																							
		VMP-1-5-041211	4/12/2011																							
		VMP-1-5-080111	8/1/2011																							
		VMP-1-5-110311	11/3/2011																							
		VMP-1-5-013012	1/30/2012																							
		VMP-1-5-041312	4/13/2012																							
		VMP-1-5-071612	7/16/2012																							
		VMP-1-5-101112	10/11/2012																							
		VMP-1-5-012113	1/21/2013																							
		VMP-1-5-012313-R	1/23/2013																							
		VMP-1-5-050813	5/8/2013																							
		VMP-1-5-072913	7/29/2013																							
		VMP-1-5-072913-Dup	7/29/2013																							
		VMP-1-5-110413	11/4/2013																							
		VMP-1-5-020714	2/7/2014																							
		VMP-1-5-043014	4/30/2014																							
		VMP-1-5-080714	8/7/2014																							
		VMP-1-5-103114	10/31/2014																							
		VMP-1-5-020915	2/9/2015																							
		VMP-1-5-050515	5/5/2015																							
		VMP-1-5-073015	7/30/2015																							
		VMP-1-5-110315	11/3/2015																							
		VMP-1-5-020316	2/3/2016																							
		VMP-1-5-050316	5/3/2016																							
		VMP-1-5-072516	7/25/2016																							
		VMP-1-5-102816	10/28/2016																							
	8.5 ft	VMP-1-8.5	11/2/2009																							
		VMP-1-8.5-082510	8/25/2010																							
		VMP-1-8.5-111710	11/17/2010																							
		VMP-1-8.5-111710-Dup	11/17/2010																							
		VMP-1-8.5-020411	2/4/2011																							
		VMP-1-8.5-041211	4/12/2011																							
		VMP-1-8.5-080111	8/1/2011																							
		VMP-1-8.5-080111-Dup	8/1/2011																							
		VMP-1-8.5-110311	11/3/2011																							
		VMP-1-8.5-013012	1/30/2012																							
		VMP-1-8.5-041612	4/16/2012																							
		VMP-1-8.5-041612-Dup	4/16/2012																							
		VMP-1-8.5-071612	7/16/2012																							
		VMP-1-8.5-101112	10/11/2012																							
		VMP-1-8.5-012113	1/21/2013																							
		VMP-1-8.5-012313-R	1/23/2013																							
		VMP-1-8.5-050813	5/8/2013																							
		VMP-1-8.5-072913	7/29/2013																							
		VMP-1-8.5-110413	11/4/2013																							
		VMP-1-8.5-020714	2/7/2014																							
		VMP-1-8.5-043014	4/30/2014																							
		VMP-1-8.5-080714	8/7/2014																							
		VMP-1-8.5-103114	10/31/2014																							
		VMP-1-8-020915	2/9/2015																							
		VMP-1-8.5-050515	5/5/2015																							
		VMP-1-8.5-073015	7/30/2015																							
		VMP-1-8.5-110315	11/3/2015																							
		VMP-1-8.5-020316	2/3/2016																							
		VMP-1-8.5-050316	5/3/2016																							
		VMP-1-8.5-072516	7/25/2016																							
		VMP-1-8.5-102816	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-1	23.5 ft	VMP-1-23.5	11/2/2009																							
		VMP - 1 - 23.5 - 083010	8/30/2010																							
		VMP-1-23.5-111810	11/17/2010																							
		VMP-1-23.5-020411	2/4/2011																							
		VMP-1-23.5-041211	4/12/2011																							
		VMP-1-23.5-041211-DUP	4/12/2011																							
		VMP-1-23.5-080111	8/1/2011																							
		VMP-1-23.5-110611	11/6/2011																							
		VMP-1-23.5-013112	1/31/2012																							
		VMP-1-23.5-041612	4/16/2012																							
		VMP-1-23.5-071612	7/16/2012																							
		VMP-1-23.5-102412	10/24/2012																							
		VMP-1-23.5-012113	1/21/2013																							
		VMP-1-23.5-012313-R	1/23/2013																							
		VMP-1-23.5-050813	5/8/2013																							
		VMP-1-23.5-050813-Dup	5/8/2013																							
		VMP-1-23.5-072913	7/29/2013																							
		VMP-1-23.5-110413	11/4/2013																							
		VMP-1-23.5-020714	2/7/2014																							
		VMP-1-23.5-043014	4/30/2014																							
		VMP-1-23.5-080714	8/7/2014																							
		VMP-1-23.5-103114	10/31/2014																							
		VMP-1-23.5-020915	2/9/2015																							
		VMP-1-23.5-050515	5/5/2015																							
		VMP-1-23.5-073015	7/30/2015																							
		VMP-1-23.5-110315	11/3/2015																							
		VMP-1-23.5-020316	2/3/2016																							
		VMP-1-23.5-050316	5/3/2016																							
		VMP-1-23.5-050316-DUP	5/3/2016																							
		VMP-1-23.5-072516	7/25/2016																							
		VMP-1-23.5-072516-DUP	7/25/2016																							
		VMP1-23.5-102816	10/28/2016																							
	38.5 ft	VMP-1-38.5	11/2/2009																							
		VMP-1-38.5-073112	7/31/2012																							
		VMP-1-38.5-102612	10/26/2012																							
		VMP-1-38.5-012113	1/21/2013																							
		VMP-1-38.5-012313-R	1/23/2013																							
		VMP-1-38.5-050913	5/9/2013																							
		VMP-1-38.5-020714	2/7/2014																							
		VMP-1-38.5-020714-Dup	2/7/2014																							
		VMP-1-38.5-043014	4/30/2014																							
		VMP-1-38.5-080714	8/7/2014																							
		VMP-1-38.5-103114	10/31/2014																							
		VMP-1-38.5-020915	2/9/2015																							
		VMP-1-38.5-020915-DUP	2/9/2015																							
		VMP-1-38.5-050515	5/5/2015																							
		VMP-1-38.5-061515-R	6/15/2015																							
		VMP-1-38.5-073015	7/30/2015																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-2	5 ft	VMP-2-5	11/2/2009																							
		VMP - 2 - 5 - 083110	8/31/2010																							
		VMP-2-5-111610	11/16/2010																							
		VMP-2-5-020411	2/4/2011																							
		VMP-2-5-041311	4/13/2011																							
		VMP-2-5-080211	8/2/2011																							
		VMP-2-5-110711	11/7/2011																							
		VMP-2-5-012512	1/25/2012																							
		VMP-2-5-042512	4/25/2012																							
		VMP-2-5-071612	7/16/2012																							
		VMP-2-5-102412	10/24/2012																							
		VMP-2-5-013113	1/31/2013																							
		VMP-2-5-050613	5/6/2013																							
		VMP-2-5-022614	2/26/2014																							
		VMP-2-5-050114	5/1/2014																							
		VMP-2-5-111014	11/10/2014																							
		VMP-2-5-021015	2/10/2015																							
		VMP-2-5-050615	5/6/2015																							
		VMP-2-5-110415	11/4/2015																							
		VMP-2-5-020116	2/1/2016																							
		VMP-2-5-042716	4/27/2016																							
		VMP-2-5-072616	7/26/2016																							
		VMP-2-5-102616	10/26/2016																							
	8.5 ft	VMP-2-8.5	11/3/2009																							
		VMP-2-8.5-D	11/3/2009																							
		VMP - 2 - 8.5 - 083110	8/31/2010																							
		VMP-2-8.5-111610	11/16/2010																							
		VMP-2-8.5-020411	2/4/2011																							
		VMP-2-8.5-041311	4/13/2011																							
		VMP-2-8.5-080211	8/2/2011																							
		VMP-2-8.5-110711	11/7/2011																							
		VMP-2-8.5-012612	1/26/2012																							
		VMP-2-8.5-012612-DUP	1/26/2012																							
		VMP-2-8.5-041612	4/16/2012																							
		VMP-2-8.5-041612-Dup	4/16/2012																							
		VMP-2-8.5-071612	7/16/2012																							
		VMP-2-8.5-071612-Dup	7/16/2012																							
		VMP-2-8.5-102312	10/23/2012																							
		VMP-2-8.5-020513	2/5/2013																							
		VMP-2-8.5-050613	5/6/2013																							
		VMP-2-8.5-050613-Dup	5/6/2013																							
		VMP-2-8.5-022614	2/26/2014																							
		VMP-2-8.5-050114	5/1/2014																							
		VMP-2-8.5-081514	8/15/2014																							
		VMP-2-8.5-081514-DUP	8/15/2014																							
		VMP-2-8.5-111014	11/10/2014																							
		VMP-2-8.5-021015	2/10/2015																							
		VMP-2-8.5-050615	5/6/2015																							
		VMP-2-8.5-110415	11/4/2015																							
		VMP-2-8.5-021616	2/16/2016																							
		VMP-2-8.5-042716	4/27/2016																							
		VMP-2-8.5-072616	7/26/2016																							
		VMP-2-8.5-102616	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-2	22 ft	VMP-2-22	11/3/2009																							
		VMP - 2 - 22 - 083110	8/31/2010																							
		VMP-2-22-111610	11/16/2010																							
		VMP-2-22-020411	2/4/2011																							
		VMP-2-22-041311	4/13/2011																							
		VMP-2-22-080211	8/2/2011																							
		VMP-2-22-110711	11/7/2011																							
		VMP-2-22-012612	1/26/2012																							
		VMP-2-22-042712	4/27/2012																							
		VMP-2-22-071612	7/16/2012																							
		VMP-2-22-102312	10/23/2012																							
		VMP-2-22-013113	1/31/2013																							
		VMP-2-22-050613	5/6/2013																							
		VMP-2-22-081213	8/12/2013																							
		VMP-2-22-111513	11/15/2013																							
		VMP-2-22-022614	2/26/2014																							
		VMP-2-22-050114	5/1/2014																							
		VMP-2-22-081414	8/14/2014																							
		VMP-2-22-111014	11/10/2014																							
		VMP-2-22-021015	2/10/2015																							
		VMP-2-22-021015-DUP	2/10/2015																							
		VMP-2-22-050615	5/6/2015																							
		VMP-2-22-073015	7/30/2015																							
		VMP-2-22-110415	11/4/2015																							
		VMP-2-22-020116	2/1/2016																							
		VMP-2-22-020116-DUP	2/1/2016																							
		VMP-2-22-042716	4/27/2016																							
		VMP-2-22-072616	7/26/2016																							
		VMP-2-22-102616	10/26/2016																							
	42 ft	VMP-2-42	11/3/2009																							
		VMP-2-42-013113	1/31/2013																							
		VMP-2-42-050613	5/6/2013																							
		VMP-2-42-022614	2/26/2014																							
		VMP-2-42-050114	5/1/2014																							
		VMP-2-42-081414	8/14/2014																							
		VMP-2-42-021015	2/10/2015																							
		VMP-2-42-050615	5/6/2015																							
		VMP-2-42-061515-R	6/15/2015																							
		VMP-2-42-073015	7/30/2015																							
VMP-3	5 ft	VMP-3-5	11/3/2009																							
		VMP-3-5-090910	9/9/2010																							
		VMP-3-5-112210	11/22/2010																							
		VMP-3-5-020911	2/9/2011																							
		VMP-3-5-041411	4/14/2011																							
		VMP-3-5-080211	8/2/2011																							
		VMP-3-5-110811	11/8/2011																							
		VMP-3-5-110811-DUP	11/8/2011																							
		VMP-3-5-012712	1/27/2012																							
		VMP-3-5-041912	4/19/2012																							
		VMP-3-5-072712	7/27/2012																							
		VMP-3-5-060413	6/4/2013																							
		VMP-3-5-072913	7/29/2013																							
		VMP-3-5-110613	11/6/2013																							
		VMP-3-5-021314	2/13/2014																							
		VMP-3-5-050214	5/2/2014																							
		VMP-3-5-081214	8/12/2014																							
		VMP-3-5-103114	10/31/2014																							
		VMP-3-5-020915	2/9/2015																							
		VMP-3-5-050415	5/4/2015																							
		VMP-3-5-072915	7/29/2015																							
		VMP-3-5-110515	11/5/2015																							
		VMP-3-5-021616	2/16/2016																							
		VMP-3-5-042716	4/27/2016																							
		VMP-3-5-080116	8/1/2016																							
		VMP-3-5-102616	10/26/2016																							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10	6/21/2010																							
		VMP 3-10-091010	9/10/2010																							
		VMP-3-10-092010	9/20/2010																							
		VMP-3-10-112210	11/22/2010																							
		VMP-3-10-112210-Dup	11/22/2010																							
		VMP-3-10-020811	2/8/2011																							
		VMP-3-10-041311	4/13/2011																							
		VMP-3-10-080311	8/3/2011																							
		VMP-3-10-110811	11/8/2011																							
		VMP-3-10-012712	1/27/2012																							
		VMP-3-10-042012	4/20/2012																							
		VMP-3-10-072312	7/23/2012																							
		VMP-3-10-101812	10/18/2012																							
		VMP-3-10-020613	2/6/2013																							
		VMP-3-10-060413	6/4/2013																							
		VMP-3-10-072913	7/29/2013																							
		VMP-3-10-110613	11/6/2013																							
		VMP-3-10-022814	2/28/2014																							
		VMP-3-10-022814-Dup	2/28/2014																							
		VMP-3-10-050214	5/2/2014																							
		VMP-3-10-081214	8/12/2014																							
		VMP-3-10-103114	10/31/2014																							
		VMP-3-10-020915	2/9/2015																							
		VMP-3-10-050415	5/4/2015																							
		VMP-3-10-072915	7/29/2015																							
		VMP-3-10-110315	11/3/2015																							
		VMP-3-10-021616	2/16/2016																							
		VMP-3-10-042716	4/27/2016																							
		VMP-3-10-080216	8/2/2016																							
		VMP-3-10-102616	10/26/2016																							
	22 ft	VMP-3-22	11/4/2009																							
		VMP-3-22-092010	9/20/2010																							
		VMP-3-22-112210	11/22/2010																							
		VMP-3-22-020811	2/8/2011																							
		VMP-3-22-041511	4/15/2011																							
		VMP-3-22-080611	8/6/2011																							
		VMP-3-22-110811	11/8/2011																							
		VMP-3-22-013012	1/30/2012																							
		VMP-3-22-042012	4/20/2012																							
		VMP-3-22-072312	7/23/2012																							
		VMP-3-22-101812	10/18/2012																							
		VMP-3-22-020613	2/6/2013																							
		VMP-3-22-060413	6/4/2013																							
		VMP-3-22-060413-Dup	6/4/2013																							
		VMP-3-22-072913	7/29/2013																							
		VMP-3-22-110613	11/6/2013																							
		VMP-3-22-110613-Dup	11/6/2013																							
		VMP-3-22-021314	2/13/2014																							
		VMP-3-22-050214	5/2/2014																							
		VMP-3-22-081214	8/12/2014																							
		VMP-3-22-103114	10/31/2014																							
		VMP-3-22-020915	2/9/2015																							
		VMP-3-22-050815	5/8/2015																							
		VMP-3-22-072915	7/29/2015																							
		VMP-3-22-110315	11/3/2015																							
		VMP-3-22-021616	2/16/2016																							
		VMP-3-22-042716	4/27/2016																							
		VMP-3-22-080116	8/1/2016																							
		VMP-3-22-102616	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-3	31.5 ft	VMP-3-31.5	11/4/2009																							
		VMP-3-31.5-090910	9/9/2010																							
		VMP-3-31.5-112210	11/22/2010																							
		VMP-3-31.5-020911	2/9/2011																							
		VMP-3-31.5-041411	4/14/2011																							
		VMP-3-31.5-041411-DUP	4/14/2011																							
		VMP-3-31.5-080211	8/2/2011																							
		VMP-3-31.5-080211-Dup	8/2/2011																							
		VMP-3-31.5-110811	11/8/2011																							
		VMP-3-31.5-012712	1/27/2012																							
		VMP-3-31.5-041912	4/19/2012																							
		VMP-3-31.5-041912-Dup	4/19/2012																							
		VMP-3-31.5-072312	7/23/2012																							
		VMP-3-31.5-101912	10/19/2012																							
		VMP-3-31.5-020713	2/7/2013																							
		VMP-3-31.5-060413	6/4/2013																							
		VMP-3-31.5-072913	7/29/2013																							
		VMP-3-31.5-110613	11/6/2013																							
		VMP-3-31.5-022114	2/21/2014																							
		VMP-3-31.5-050214	5/2/2014																							
		VMP-3-31.5-081214	8/12/2014																							
		VMP-3-31.5-103114	10/31/2014																							
		VMP-3-31.5-020915	2/9/2015																							
		VMP-3-31.5-110315	11/3/2015																							
		VMP-3-31.5-020116	2/1/2016																							
		VMP-3-31.5-042716	4/27/2016																							
		VMP-3-31.5-080116	8/1/2016																							
		VMP-3-31.5-102616	10/26/2016																							
	39 ft	VMP-3-39	11/4/2009																							
		VMP-3-39-101912	10/19/2012																							
		VMP-3-39-021213	2/12/2013																							
		VMP-3-39-060413	6/4/2013																							
		VMP-3-39-072913	7/29/2013																							
		VMP-3-39-110613	11/6/2013																							
		VMP-3-39-022114	2/21/2014																							
		VMP-3-39-050214	5/2/2014																							
		VMP-3-39-050214-Dup	5/2/2014																							
		VMP-3-39-081214	8/12/2014																							
		VMP-3-39-103114	10/31/2014																							
		VMP-3-39-020915	2/9/2015																							
		VMP-3-39-110315	11/3/2015																							
		VMP-3-39-020116	2/1/2016																							
		VMP-3-39-020116-DUP	2/1/2016																							
VMP-4	5 ft	VMP-4-5	11/5/2009																							
		VMP-4-5-082510	8/25/2010																							
		VMP-4-5-112210	11/22/2010																							
		VMP-4-5-021411	2/14/2011																							
		VMP-4-5-041911	4/19/2011																							
		VMP-4-5-080311	8/3/2011																							
		VMP-4-5-110911	11/9/2011																							
		VMP-4-5-013012	1/30/2012																							
		VMP-4-5-042512	4/25/2012																							
		VMP-4-5-072512	7/25/2012																							
		VMP-4-5-101812	10/18/2012																							
		VMP-4-5-020713	2/7/2013																							
		VMP-4-5-050913	5/9/2013																							
		VMP-4-5-080113	8/1/2013																							
		VMP-4-5-120313-R	12/3/2013																							
		VMP-4-5-022714	2/27/2014																							
		VMP-4-5-050214	5/2/2014																							
		VMP-4-5-081514	8/15/2014																							
		VMP-4-5-021015	2/10/2015																							
		VMP-4-5-110215	11/2/2015																							
		VMP-4-5-020316	2/3/2016																							
		VMP-4-5-050516	5/5/2016																							
		VMP-4-5-080216	8/2/2016																							
		VMP-4-5-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-4	12 ft	VMP-4-12	11/5/2009																							
		VMP-4-12-082510	8/25/2010																							
		VMP-4-12-112310	11/23/2010																							
		VMP-4-12-021411	2/14/2011																							
		VMP-4-12-041911	4/19/2011																							
		VMP-4-12-080311	8/3/2011																							
		VMP-4-12-080311-Dup	8/3/2011																							
		VMP-4-12-110911	11/9/2011																							
		VMP-4-12-013012	1/30/2012																							
		VMP-4-12-041812	4/18/2012																							
		VMP-4-12-072312	7/23/2012																							
		VMP-4-12-101812	10/18/2012																							
		VMP-4-12-101812-Dup	10/18/2012																							
		VMP-4-12-020713	2/7/2013																							
		VMP-4-12-020713-DUP	2/7/2013																							
		VMP-4-12-050913	5/9/2013																							
		VMP-4-12-080113	8/1/2013																							
		VMP-4-12-120313-R	12/3/2013																							
		VMP-4-12-022714	2/27/2014																							
		VMP-4-12-050214	5/2/2014																							
		VMP-4-12-081414	8/14/2014																							
		VMP-4-12-021015	2/10/2015																							
		VMP-4-12-051115	5/11/2015																							
		VMP-4-12-080315	8/3/2015																							
		VMP-4-12-110215	11/2/2015																							
		VMP-4-12-020316	2/3/2016																							
		VMP-4-12-050316	5/3/2016																							
		VMP-4-12-080216	8/2/2016																							
		VMP-4-12-102816	10/28/2016																							
	23.5 ft	VMP-4-23.5	11/5/2009																							
		VMP - 4 - 23.5 - 083110	8/31/2010																							
		VMP-4-23.5-112310	11/23/2010																							
		VMP-4-23.5-021411	2/14/2011																							
		VMP-4-23.5-042011	4/20/2011																							
		VMP-4-23.5-042011-DUP	4/20/2011																							
		VMP-4-23.5-080611	8/6/2011																							
		VMP-4-23.5-110911	11/9/2011																							
		VMP-4-23.5-013012	1/30/2012																							
		VMP-4-23.5-013012-DUP	1/30/2012																							
		VMP-4-23.5-041912	4/19/2012																							
		VMP-4-23.5-072312	7/23/2012																							
		VMP-4-23.5-101812	10/18/2012																							
		VMP-4-23.5-020713	2/7/2013																							
		VMP-4-23.5-051513	5/15/2013																							
		VMP-4-23.5-080113	8/1/2013																							
		VMP-4-23.5-080113-Dup	8/1/2013																							
		VMP-4-23.5-110713	11/7/2013																							
		VMP-4-23.5-022714	2/27/2014																							
		VMP-4-23.5-050214	5/2/2014																							
		VMP-4-23.5-081314	8/13/2014																							
		VMP-4-23.5-090414-R	9/4/2014																							
		VMP-4-23.5-110714	11/7/2014																							
		VMP-4-23.5-021015	2/10/2015																							
		VMP-4-23.5-050815	5/8/2015																							
		VMP-4-23.5-061515-R	6/15/2015																							
		VMP-4-23.5-073015	7/30/2015																							
		VMP-4-23.5-110215	11/2/2015																							
		VMP-4-23.5-020316	2/3/2016																							
		VMP-4-23.5-020316-DUP	2/3/2016																							
		VMP-4-23.5-050316	5/3/2016																							
		VMP-4-23.5-080216	8/2/2016																							
		VMP-4-23.5-080216-DUP	8/2/2016																							
		VMP-4-23.5-092316-DUP-R	9/23/2016																							
		VMP-4-23.5-092316-R	9/23/2016																							
		VMP-4-23.5-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-4	39 ft	VMP-4-39	11/5/2009																							
		VMP-4-39-042111	4/21/2011																							
		VMP-4-39-041912	4/19/2012																							
		VMP-4-39-072312	7/23/2012																							
		VMP-4-39-101812	10/18/2012																							
		VMP-4-39-101812-Dup	10/18/2012																							
		VMP-4-39-020713	2/7/2013																							
		VMP-4-39-051513	5/15/2013																							
		VMP-4-39-110713	11/7/2013																							
		VMP-4-39-022714	2/27/2014																							
		VMP-4-39-050214	5/2/2014																							
		VMP-4-39-081314	8/13/2014																							
VMP-5	5 ft	VMP-5-5	11/5/2009																							
		VMP-5-5-090910	9/9/2010																							
		VMP-5-5-112210	11/22/2010																							
		VMP-5-5-021611	2/16/2011																							
		VMP-5-5-042111	4/21/2011																							
		VMP-5-5-080511	8/5/2011																							
		VMP-5-5-111111	11/11/2011																							
		VMP-5-5-013012	1/30/2012																							
		VMP-5-5-041112	4/11/2012																							
		VMP-5-5-071312	7/13/2012																							
		VMP-5-5-101212	10/12/2012																							
		VMP-5-5-012513	1/25/2013																							
		VMP-5-5-042913	4/29/2013																							
		VMP-5-5-082313-R	8/23/2013																							
		VMP-5-5-110513	11/5/2013																							
		VMP-5-5-021814	2/18/2014																							
		VMP-5-5-042814	4/28/2014																							
		VMP-5-5-080814	8/8/2014																							
		VMP-5-5-110514	11/5/2014																							
		VMP-5-5-013015	1/30/2015																							
		VMP-5-5-042915	4/29/2015																							
		VMP-5-5-072915	7/29/2015																							
		VMP-5-5-102915	10/29/2015																							
		VMP-5-5-012516	1/25/2016																							
		VMP-5-5-042816	4/28/2016																							
		VMP-5-5-072816	7/28/2016																							
		VMP-5-5-102516	10/25/2016																							
	12.5 ft	VMP-5-12.5	11/6/2009																							
		VMP-5-12.5-D	11/6/2009																							
		VMP-5-12.5-090910	9/9/2010																							
		VMP-5-12.5-112310	11/23/2010																							
		VMP-5-12.5-021611	2/16/2011																							
		VMP-5-12.5-042111	4/21/2011																							
		VMP-5-12.5-080611	8/6/2011																							
		VMP-5-12.5-111111	11/11/2011																							
		VMP-5-12.5-013012	1/30/2012																							
		VMP-5-12.5-041112	4/11/2012																							
		VMP-5-12.5-071212	7/12/2012																							
		VMP-5-12.5-101112	10/11/2012																							
		VMP-5-12.5-012413	1/24/2013																							
		VMP-5-12.5-042913	4/29/2013																							
		VMP-5-12.5-080113	8/1/2013																							
		VMP-5-12.5-110513	11/5/2013																							
		VMP-5-12.5-021814	2/18/2014																							
		VMP-5-12.5-042814	4/28/2014																							
		VMP-5-12.5-080814	8/8/2014																							
		VMP-5-12.5-110514	11/5/2014																							
		VMP-5-12.5-110514-DUP	11/5/2014																							
		VMP-5-12.5-013015	1/30/2015																							
		VMP-5-12.5-042915	4/29/2015																							
		VMP-5-12.5-072915	7/29/2015																							
		VMP-5-12.5-102915	10/29/2015																							
		VMP-5-12.5-012516	1/25/2016																							
		VMP-5-12.5-042816	4/28/2016																							
		VMP-5-12.5-072816	7/28/2016																							
		VMP-5-12.5-102516	10/26/2016																							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31	11/6/2009																							
		VMP-5-31-090910	9/9/2010																							
		VMP-5-31-112310	11/23/2010																							
		VMP-5-31-021611	2/16/2011																							
		VMP-5-31-042111	4/21/2011																							
		VMP-5-31-080611	8/6/2011																							
		VMP-5-31-111111	11/11/2011																							
		VMP-5-31-013012	1/30/2012																							
		VMP-5-31-041112	4/11/2012																							
		VMP-5-31-071212	7/12/2012																							
		VMP-5-31-101112	10/11/2012																							
		VMP-5-31-012413	1/24/2013																							
		VMP-5-31-042913	4/29/2013																							
		VMP-5-31-080113	8/1/2013																							
		VMP-5-31-110513	11/5/2013																							
		VMP-5-31-110513-Dup	11/5/2013																							
		VMP-5-31-021814	2/18/2014																							
		VMP-5-31-042814	4/28/2014																							
		VMP-5-31-080814	8/8/2014																							
		VMP-5-31-110514	11/5/2014																							
		VMP-5-31-013015	1/30/2015																							
		VMP-5-31-042915	4/29/2015																							
		VMP-5-31-072915	7/29/2015																							
		VMP-5-31-102915	10/29/2015																							
		VMP-5-31-030916-R	3/9/2016																							
		VMP-5-31-042816	4/28/2016																							
		VMP-5-31-072816	7/28/2016																							
		VMP-5-31-102516	10/26/2016																							
	40 ft	VMP-5-40	11/6/2009																							
		VMP-5-40-042111	4/21/2011																							
		VMP-5-40-013012	1/30/2012																							
		VMP-5-40-041212	4/12/2012																							
		VMP-5-40-071212	7/12/2012																							
		VMP-5-40-101112	10/11/2012																							
		VMP-5-40-012513	1/25/2013																							
		VMP-5-40-012513-Dup	1/25/2013																							
		VMP-5-40-042913	4/29/2013																							
		VMP-5-40-080113	8/1/2013																							
		VMP-5-40-110513	11/5/2013																							
		VMP-5-40-021814	2/18/2014																							
		VMP-5-40-021814-Dup	2/18/2014																							
		VMP-5-40-042814	4/28/2014																							
		VMP-5-40-042814-Dup	4/28/2014																							
		VMP-5-40-080814	8/8/2014																							
		VMP-5-40-080814-DUP	8/8/2014																							
		VMP-5-40-110514	11/5/2014																							
		VMP-5-40-013015	1/30/2015																							
		VMP-5-40-042915	4/29/2015																							
		VMP-5-40-072915	7/29/2015																							
		VMP-5-40-102915	10/29/2015																							
		VMP-5-40-012516	1/25/2016																							
		VMP-5-40-012516-DUP	1/25/2016																							
		VMP-5-40-042816	4/28/2016																							
		VMP-5-40-072816	7/28/2016																							
		VMP-5-40-102516	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-6	5 ft	VMP-6-5	11/6/2009																							
		VMP-6-5-090810	9/8/2010																							
		VMP-6-5-111610	11/16/2010																							
		VMP-6-5-020711	2/7/2011																							
		VMP-6-5-040811	4/8/2011																							
		VMP-6-5-080411	8/4/2011																							
		VMP-6-5-110911	11/9/2011																							
		VMP-6-5-013112	1/31/2012																							
		VMP-6-5-041212	4/12/2012																							
		VMP-6-5-071612	7/16/2012																							
		VMP-6-5-101012	10/10/2012																							
		VMP-6-5-021213	2/12/2013																							
		VMP-6-5-022714	2/27/2014																							
		VMP-6-5-042914	4/29/2014																							
		VMP-6-5-080814	8/8/2014																							
		VMP-6-5-110514	11/5/2014																							
		VMP-6-5-020915	2/9/2015																							
		VMP-6-5-042915	4/29/2015																							
		VMP-6-5-072715	7/27/2015																							
		VMP-6-5-102915	10/29/2015																							
		VMP-6-5-020116	2/1/2016																							
		VMP-6-5-042516	4/25/2016																							
		VMP-6-5-072816	7/28/2016																							
		VMP-6-5-102816	10/28/2016																							
	10 ft	VMP-6-10	11/6/2009																							
		VMP-6-10-090810	9/8/2010																							
		VMP-6-10-111710	11/17/2010																							
		VMP-6-10-020711	2/7/2011																							
		VMP-6-10-040811	4/8/2011																							
		VMP-6-10-080411	8/4/2011																							
		VMP-6-10-111011	11/10/2011																							
		VMP-6-10-013112	1/31/2012																							
		VMP-6-10-041212	4/12/2012																							
		VMP-6-10-071612	7/16/2012																							
		VMP-6-10-101112	10/11/2012																							
		VMP-6-10-020513	2/5/2013																							
		VMP-6-10-051513	5/15/2013																							
		VMP-6-10-080813	8/8/2013																							
		VMP-6-10-110513	11/5/2013																							
		VMP-6-10-022714	2/27/2014																							
		VMP-6-10-042914	4/29/2014																							
		VMP-6-10-080814	8/8/2014																							
		VMP-6-10-110514	11/5/2014																							
		VMP-6-10-020915	2/9/2015																							
		VMP-6-10-042915	4/29/2015																							
		VMP-6-10-072715	7/27/2015																							
		VMP-6-10-102915	10/29/2015																							
		VMP-6-10-020116	2/1/2016																							
		VMP-6-10-042516	4/25/2016																							
		VMP-6-10-072816	7/28/2016																							
		VMP-6-10-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-6	31.5 ft	VMP-6-31.5	11/9/2009																							
		VMP-6-31.5-090810	9/8/2010																							
		VMP-6-31.5-111710	11/17/2010																							
		VMP-6-31.5-020711	2/7/2011																							
		VMP-6-31.5-041111	4/11/2011																							
		VMP-6-31.5-080411	8/4/2011																							
		VMP-6-31.5-111011	11/10/2011																							
		VMP-6-31.5-013112	1/31/2012																							
		VMP-6-31.5-041212	4/12/2012																							
		VMP-6-31.5-071612	7/16/2012																							
		VMP-6-31.5-101112	10/11/2012																							
		VMP-6-31.5-020513	2/5/2013																							
		VMP-6-31.5-042913	4/29/2013																							
		VMP-6-31.5-080813	8/8/2013																							
		VMP-6-31.5-110513	11/5/2013																							
		VMP-6-31.5-022714	2/27/2014																							
		VMP-6-31.5-042914	4/29/2014																							
		VMP-6-31.5-080814	8/8/2014																							
		VMP-6-31.5-110514	11/5/2014																							
		VMP-6-31.5-020915	2/9/2015																							
		VMP-6-31.5-042915	4/29/2015																							
		VMP-6-31.5-042915-DUP	4/29/2015																							
		VMP-6-31.5-072715	7/27/2015																							
		VMP-6-31.5-112515	11/25/2015																							
		VMP-6-31.5-020116	2/1/2016																							
		VMP-6-31.5-042516	4/25/2016																							
		VMP-6-31.5-072816	7/28/2016																							
		VMP-6-31.5-102816	10/28/2016																							
	39 ft	VMP-6-39	11/9/2009																							
		VMP-6-39-041111	4/11/2011																							
		VMP-6-39-013112	1/31/2012																							
		VMP-6-39-041212	4/12/2012																							
		VMP-6-39-071612	7/16/2012																							
		VMP-6-39-071612-Dup	7/16/2012																							
		VMP-6-39-101112	10/11/2012																							
		VMP-6-39-020513	2/5/2013																							
		VMP-6-39-050913	5/9/2013																							
		VMP-6-39-050913-Dup	5/9/2013																							
		VMP-6-39-080813-Dup	8/8/2013																							
		VMP-6-39-081513	8/15/2013																							
		VMP-6-39-110513	11/5/2013																							
		VMP-6-39-022714	2/27/2014																							
		VMP-6-39-042914	4/29/2014																							
		VMP-6-39-080814	8/8/2014																							
		VMP-6-39-110514	11/5/2014																							
		VMP-6-39-020915	2/9/2015																							
		VMP-6-39-020915-DUP	2/9/2015																							
		VMP-6-39-042915	4/29/2015																							
		VMP-6-39-072715	7/27/2015																							
		VMP-6-39-072715-DUP	7/27/2015																							
		VMP-6-39-102915	10/29/2015																							
		VMP-6-39-102915-DUP	10/29/2015																							
		VMP-6-39-020116	2/1/2016																							
		VMP-6-39-020116-DUP	2/1/2016																							
		VMP-6-39-042516	4/25/2016																							
		VMP-6-39-072816	7/28/2016																							
		VMP-6-39-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5	11/9/2009																							
		VMP-7-5-082610	8/26/2010																							
		VMP-7-5-111910	11/19/2010																							
		VMP-7-5-020711	2/7/2011																							
		VMP-7-5-040711	4/7/2011																							
		VMP-7-5-080211	8/2/2011																							
		VMP-7-5-111011	11/10/2011																							
		VMP-7-5-111011-DUP	11/10/2011																							
		VMP-7-5-013112	1/31/2012																							
		VMP-7-5-041212	4/12/2012																							
		VMP-7-5-073112	7/31/2012																							
		VMP-7-5-101012	10/10/2012																							
		VMP-7-5-060613	6/6/2013																							
		VMP-7-5-073013	7/30/2013																							
		VMP-7-5-102213	10/22/2013																							
		VMP-7-5-022414	2/24/2014																							
		VMP-7-5-043014	4/30/2014																							
		VMP-7-5-080514	8/5/2014																							
		VMP-7-5-102714	10/27/2014																							
		VMP-7-5-020215	2/2/2015																							
		VMP-7-5-043015	4/30/2015																							
		VMP-7-5-072715	7/27/2015																							
		VMP-7-5-102815	10/28/2015																							
		VMP-7-5-012716	1/27/2016																							
		VMP-7-5-042916	4/29/2016																							
		VMP-7-5-072616	7/26/2016																							
		VMP-7-5-102516	10/25/2016																							
	13.5 ft	VMP-7-13.5	11/9/2009																							
		VMP-7-13.5-082610	8/26/2010																							
		VMP-7-13.5-111910	11/19/2010																							
		VMP-7-13.5-020711	2/7/2011																							
		VMP-7-13.5-040711	4/7/2011																							
		VMP-7-13.5-080311	8/3/2011																							
		VMP-7-13.5-111011	11/10/2011																							
		VMP-7-13.5-013112	1/31/2012																							
		VMP-7-13.5-013112-DUP	1/31/2012																							
		VMP-7-13.5-041212	4/12/2012																							
		VMP-7-13.5-041212-DUP	4/12/2012																							
		VMP-7-13.5-072012	7/20/2012																							
		VMP-7-13.5-101012	10/10/2012																							
		VMP-7-13.5-021313	2/13/2013																							
		VMP-7-13.5-060513	6/5/2013																							
		VMP-7-13.5-073013	7/30/2013																							
		VMP-7-13.5-110113	11/1/2013																							
		VMP-7-13.5-022414	2/24/2014																							
		VMP-7-13.5-043014	4/30/2014																							
		VMP-7-13.5-080514	8/5/2014																							
		VMP-7-13.5-102714	10/27/2014																							
		VMP-7-13.5-020215	2/2/2015																							
		VMP-7-13.5-043015	4/30/2015																							
		VMP-7-13.5-072715	7/27/2015																							
		VMP-7-13.5-102815	10/28/2015																							
		VMP-7-13.5-012716	1/27/2016																							
		VMP-7-13.5-042916	4/29/2016																							
		VMP-7-13.5-072616	7/26/2016																							
		VMP-7-13.5-102516	10/25/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5	11/9/2009																							
		VMP - 7 - 29.5 - 083110	8/31/2010																							
		VMP-7-29.5-111910	11/19/2010																							
		VMP-7-29.5-020711	2/7/2011																							
		VMP-7-29.5-040711	4/7/2011																							
		VMP-7-29.5-080311	8/3/2011																							
		VMP-7-29.5-111111	11/11/2011																							
		VMP-7-29.5-020112	2/1/2012																							
		VMP-7-29.5-041312	4/13/2012																							
		VMP-7-29.5-072012	7/20/2012																							
		VMP-7-29.5-072012-Dup	7/20/2012																							
		VMP-7-29.5-101012	10/10/2012																							
		VMP-7-29.5-060613	6/6/2013																							
		VMP-7-29.5-073013	7/30/2013																							
		VMP-7-29.5-102213	10/22/2013																							
		VMP-7-29.5-022414	2/24/2014																							
		VMP-7-29.5-043014	4/30/2014																							
		VMP-7-29.5-080514	8/5/2014																							
		VMP-7-29.5-102714	10/27/2014																							
		VMP-7-29.5-020215	2/2/2015																							
		VMP-7-29.5-043015	4/30/2015																							
		VMP-7-29.5-072715	7/27/2015																							
		VMP-7-29.5-102815	10/28/2015																							
		VMP-7-29.5-012716	1/27/2016																							
		VMP-7-29.5-042916	4/29/2016																							
		VMP-7-29.5-072616	7/26/2016																							
		VMP-7-29.5-102516	10/25/2016																							
	38 ft	VMP-7-38	11/9/2009																							
		VMP-7-38-020711	2/7/2011																							
		VMP-7-38-040711	4/7/2011																							
		VMP-7-38-020112	2/1/2012																							
		VMP-7-38-042512	4/25/2012																							
		VMP-7-38-042512-Dup	4/25/2012																							
		VMP-7-38-101112	10/11/2012																							
		VMP-7-38-060613	6/6/2013																							
		VMP-7-38-073013	7/30/2013																							
		VMP-7-38-110113	11/1/2013																							
		VMP-7-38-022414	2/24/2014																							
		VMP-7-38-043014	4/30/2014																							
		VMP-7-38-043014-DUP	4/30/2014																							
		VMP-7-38-080514	8/5/2014																							
		VMP-7-38-080514-DUP	8/5/2014																							
		VMP-7-38-102714	10/27/2014																							
		VMP-7-38-020215	2/2/2015																							
		VMP-7-38-043015	4/30/2015																							
		VMP-7-38-072715	7/27/2015																							
		VMP-7-38-102815	10/28/2015																							
		VMP-7-38-102815-DUP	10/28/2015																							
		VMP-7-38-012716	1/27/2016																							
		VMP-7-38-012716-DUP	1/27/2016																							
		VMP-7-38-042916	4/29/2016																							
		VMP-7-38-042916-DUP	4/29/2016																							
		VMP-7-38-072616	7/26/2016																							
		VMP-7-38-072616-DUP	7/26/2016																							
		VMP-7-38-102516	10/25/2016																							
		VMP-7-38-102516-Dup	10/25/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5	11/10/2009																							
		VMP - 8 - 5 - 083010	8/30/2010																							
		VMP-8-5-111810	11/17/2010																							
		VMP-8-5-021011	2/10/2011																							
		VMP-8-5-040711	4/7/2011																							
		VMP-8-5-072711	7/27/2011																							
		VMP-8-5-110311	11/3/2011																							
		VMP-8-5-012312	1/23/2012																							
		VMP-8-5-041012	4/10/2012																							
		VMP-8-5-071312	7/13/2012																							
		VMP-8-5-073112	7/31/2012																							
		VMP-8-5-100412	10/4/2012																							
		VMP-8-5-100412-Dup	10/4/2012																							
		VMP-8-5-012413	1/24/2013																							
		VMP-8-5-042513	4/25/2013																							
		VMP-8-5-073013	7/30/2013																							
		VMP-8-5-102213	10/22/2013																							
		VMP-8-5-021014	2/10/2014																							
		VMP-8-5-042514	4/25/2014																							
		VMP-8-5-073014	7/30/2014																							
		VMP-8-5-103114	10/31/2014																							
		VMP-8-5-020915	2/9/2015																							
		VMP-8-5-042715	4/27/2015																							
		VMP-8-5-072815	7/28/2015																							
		VMP-8-5-102715	10/27/2015																							
		VMP-8-5-012716	1/27/2016																							
		VMP-8-5-042916	4/29/2016																							
		VMP-8-5-072916	7/29/2016																							
		VMP-8-5-102516	10/25/2016																							
	9.5 ft	VMP-8-9.5	11/10/2009																							
		VMP - 8 - 9.5 - 083010	8/30/2010																							
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010																							
		VMP-8-9.5-111810	11/17/2010																							
		VMP-8-9.5-021011	2/10/2011																							
		VMP-8-9.5-040711	4/7/2011																							
		VMP-8-9.5-072711	7/27/2011																							
		VMP-8-9.5-110311	11/3/2011																							
		VMP-8-9.5-012312	1/23/2012																							
		VMP-8-9.5-041012	4/10/2012																							
		VMP-8-9.5-071312	7/13/2012																							
		VMP-8-9.5-071312-Dup	7/13/2012																							
		VMP-8-9.5-100412	10/4/2012																							
		VMP-8-9.5-012413	1/24/2013																							
		VMP-8-9.5-012413-Dup	1/24/2013																							
		VMP-8-9.5-042513	4/25/2013																							
		VMP-8-9.5-073013	7/30/2013																							
		VMP-8-9.5-102213	10/22/2013																							
		VMP-8-9.5-021014	2/10/2014																							
		VMP-8-9.5-021014-Dup	2/10/2014																							
		VMP-8-9.5-042514	4/25/2014																							
		VMP-8-9.5-073014	7/30/2014																							
		VMP-8-9.5-103114	10/31/2014																							
		VMP-8-9.5-020915	2/9/2015																							
		VMP-8-9.5-042715	4/27/2015																							
		VMP-8-9.5-072815	7/28/2015																							
		VMP-8-9.5-102715	10/27/2015																							
		VMP-8-9.5-012716	1/27/2016																							
		VMP-8-9.5-042916	4/29/2016																							
		VMP-8-9.5-072916	7/29/2016																							
		VMP-8-9.5-102516	10/25/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-8	23.5 ft	VMP-8-23.5	11/10/2009																							
		VMP - 8 - 23.5 - 083010	8/30/2010																							
		VMP-8-23.5-111910	11/19/2010																							
		VMP-8-23.5-021011	2/10/2011																							
		VMP-8-23.5-040711	4/7/2011																							
		VMP-8-23.5-040711-DUP	4/7/2011																							
		VMP-8-23.5-081011	8/10/2011																							
		VMP-8-23.5-110611	11/6/2011																							
		VMP-8-23.5-012312	1/23/2012																							
		VMP-8-23.5-041012	4/10/2012																							
		VMP-8-23.5-071312	7/13/2012																							
		VMP-8-23.5-100412	10/4/2012																							
		VMP-8-23.5-012413	1/24/2013																							
		VMP-8-23.5-050113	5/1/2013																							
		VMP-8-23.5-073013	7/30/2013																							
		VMP-8-23.5-073013-Dup	7/30/2013																							
		VMP-8-23.5-102213	10/22/2013																							
		VMP-8-23.5-021014	2/10/2014																							
		VMP-8-23.5-042514	4/25/2014																							
		VMP-8-23.5-073014	7/30/2014																							
		VMP-8-23.5-103114	10/31/2014																							
		VMP-8-23.5-020915	2/9/2015																							
		VMP-8-23.5-050515-R	5/5/2015																							
		VMP-8-23.5-072815	7/28/2015																							
		VMP-8-23.5-102715	10/27/2015																							
		VMP-8-23.5-012716	1/27/2016																							
		VMP-8-23.5-042916	4/29/2016																							
		VMP-8-23.5-072916	7/29/2016																							
		VMP-8-23.5-072916-DUP	7/29/2016																							
		VMP-8-23.5-102516	10/25/2016																							
	35.5 ft	VMP-8-35.5-042514	4/25/2014																							
		VMP-8-35.5-073014	7/30/2014																							
		VMP-8-35.5-103114	10/31/2014																							
		VMP-8-35.5-103114-DUP	10/31/2014																							
		VMP-8-35.5-020915	2/9/2015																							
		VMP-8-35.5-042715	4/27/2015																							
		VMP-8-35.5-072815	7/28/2015																							
		VMP-8-35.5-072815-DUP	7/28/2015																							
		VMP-8-35.5-012816	1/28/2016																							
		VMP-8-35.5-012816-DUP	1/28/2016																							
		VMP-8-35.5-042916	4/29/2016																							
		VMP-8-35.5-080316	8/3/2016																							
		VMP-8-35.5-102516	10/25/2016																							
		VMP-8-35.5-102516-Dup	10/25/2016																							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5	11/11/2009																							
		VMP-9-5-082610	8/26/2010																							
		VMP-9-5-111910	11/19/2010																							
		VMP-9-5-020811	2/8/2011																							
		VMP-9-5-040611	4/6/2011																							
		VMP-9-5-080211	8/2/2011																							
		VMP-9-5-110411	11/4/2011																							
		VMP-9-5-012612	1/26/2012																							
		VMP-9-5-041112	4/11/2012																							
		VMP-9-5-071312	7/13/2012																							
		VMP-9-5-101012	10/10/2012																							
		VMP-9-5-012513	1/25/2013																							
		VMP-9-5-021513	2/15/2013																							
		VMP-9-5-050113	5/1/2013																							
		VMP-9-5-073013	7/30/2013																							
		VMP-9-5-102213	10/22/2013																							
		VMP-9-5-122013-R	12/20/2013																							
		VMP-9-5-021114	2/11/2014																							
		VMP-9-5-043014	4/30/2014																							
		VMP-9-5-081114	8/11/2014																							
		VMP-9-5-110614	11/6/2014																							
		VMP-9-5-021115	2/11/2015																							
		VMP-9-5-050415	5/4/2015																							
		VMP-9-5-072815	7/28/2015																							
		VMP-9-5-102815	10/28/2015																							
		VMP-9-5-012816	1/28/2016																							
		VMP-9-5-042816	4/28/2016																							
		VMP-9-5-080116	8/1/2016																							
		VMP-9-5-102516	10/25/2016																							
		VMP-9-5-120916	12/9/2016																							
	11.5 ft	VMP-9-11.5	11/11/2009																							
		VMP-9-11.5-082610	8/26/2010																							
		VMP-9-11.5-111910	11/19/2010																							
		VMP-9-11.5-020911	2/9/2011																							
		VMP-9-11.5-020911-DUP	2/9/2011																							
		VMP-9-11.5-040611	4/6/2011																							
		VMP-9-11.5-080211	8/2/2011																							
		VMP-9-11.5-110411	11/4/2011																							
		VMP-9-11.5-012612	1/26/2012																							
		VMP-9-11.5-041112	4/11/2012																							
		VMP-9-11.5-071312	7/13/2012																							
		VMP-9-11.5-101012	10/10/2012																							
		VMP-9-11.5-012513	1/25/2013																							
		VMP-9-11.5-012513-DUP	1/25/2013																							
		VMP-9-11.5-050113	5/1/2013																							
		VMP-9-11.5-073013	7/30/2013																							
		VMP-9-11.5-102213	10/22/2013																							
		VMP-9-11.5-122013-R	12/20/2013																							
		VMP-9-11.5-021114	2/11/2014																							
		VMP-9-11.5-043014	4/30/2014																							
		VMP-9-11.5-081114	8/11/2014																							
		VMP-9-11.5-110614	11/6/2014																							
		VMP-9-11.5-021115	2/11/2015																							
		VMP-9-11.5-050415	5/4/2015																							
		VMP-9-11.5-072815	7/28/2015																							
		VMP-9-11.5-102815	10/28/2015																							
		VMP-9-11.5-012816	1/28/2016																							
		VMP-9-11.5-042816	4/28/2016																							
		VMP-9-11.5-080116	8/1/2016																							
		VMP-9-11.5-080116-DUP	8/1/2016																							
		VMP-9-11.5-102516	10/25/2016																							
		VMP-9-11.5-120916	12/9/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-9	25.5 ft	VMP-9-25.5	11/10/2009																							
		VMP-9-25.5-D	11/10/2009																							
		VMP-9-25.5-082610	8/26/2010																							
		VMP-9-25.5-082610-DUP	8/26/2010																							
		VMP-9-25.5-111910	11/19/2010																							
		VMP-9-25.5-020911	2/9/2011																							
		VMP-9-25.5-040811	4/8/2011																							
		VMP-9-25.5-080211	8/2/2011																							
		VMP-9-25.5-110711	11/7/2011																							
		VMP-9-25.5-110711-DUP	11/7/2011																							
		VMP-9-25.5-012612	1/26/2012																							
		VMP-9-25.5-041112	4/11/2012																							
		VMP-9-25.5-071312	7/13/2012																							
		VMP-9-25.5-071312-Dup	7/13/2012																							
		VMP-9-25.5-101012	10/10/2012																							
		VMP-9-25.5-013013	1/30/2013																							
		VMP-9-25.5-050113	5/1/2013																							
		VMP-9-25.5-050113-Dup	5/1/2013																							
		VMP-9-25.5-073013	7/30/2013																							
		VMP-9-25.5-102213	10/22/2013																							
		VMP-9-25.5-102213-Dup	10/22/2013																							
		VMP-9-25.5-021114	2/11/2014																							
		VMP-9-25.5-043014	4/30/2014																							
		VMP-9-25.5-081114	8/11/2014																							
		VMP-9-25.5-021115	2/11/2015																							
		VMP-9-25.5-050415	5/4/2015																							
		VMP-9-25.5-052915-R	5/29/2015																							
		VMP-9-25.5-072815	7/28/2015																							
		VMP-9-25.5-102815	10/28/2015																							
		VMP-9-25.5-012816	1/28/2016																							
		VMP-9-25.5-042816	4/28/2016																							
		VMP-9-25.5-080116	8/1/2016																							
		VMP-9-25.5-102516	10/25/2016																							
		VMP-9-25.5-120916	12/9/2016																							
	38.5 ft	VMP-9-38.5	11/10/2009																							
		VMP-9-38.5-020911	2/9/2011																							
		VMP-9-38.5-040811	4/8/2011																							
		VMP-9-38.5-012612	1/26/2012																							
		VMP-9-38.5-041112	4/11/2012																							
		VMP-9-38.5-071312	7/13/2012																							
		VMP-9-38.5-101012	10/10/2012																							
		VMP-9-38.5-013013	1/30/2013																							
		VMP-9-38.5-050113	5/1/2013																							
		VMP-9-38.5-073113	7/31/2013																							
		VMP-9-38.5-102213	10/22/2013																							
		VMP-9-38.5-021114	2/11/2014																							
		VMP-9-38.5-081114	8/11/2014																							
		VMP-9-38.5-050415	5/4/2015																							
		VMP-9-38.5-050415-DUP	5/4/2015																							
		VMP-9-38.5-052915-R	5/29/2015																							
		VMP-9-38.5-072815	7/28/2015																							
		VMP-9-38.5-102815	10/28/2015																							
		VMP-9-38.5-012816	1/28/2016																							
		VMP-9-38.5-042816	4/28/2016																							
		VMP-9-38.5-072916	7/29/2016																							
		VMP-9-38.5-102516	10/25/2016																							
		VMP-9-38.5-120916	12/9/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5	11/11/2009																							
		VMP-10-5-090710	9/7/2010																							
		VMP-10-5-111810	11/17/2010																							
		VMP-10-5-021011	2/10/2011																							
		VMP-10-5-040511	4/5/2011																							
		VMP-10-5-07/2911	7/29/2011																							
		VMP-10-5-110411	11/4/2011																							
		VMP-10-5-012512	1/26/2012																							
		VMP-10-5-041212	4/12/2012																							
		VMP-10-5-071312	7/13/2012																							
		VMP-10-5-101612	10/16/2012																							
		VMP-10-5-012913	1/29/2013																							
		VMP-10-5-012913-DUP	1/29/2013																							
		VMP-10-5-043013	4/30/2013																							
		VMP-10-5-073013	7/30/2013																							
		VMP-10-5-111313	11/13/2013																							
		VMP-10-5-021214	2/12/2014																							
		VMP-10-5-022614-R	2/26/2014																							
		VMP-10-5-042914	4/29/2014																							
		VMP-10-5-073114	7/31/2014																							
		VMP-10-5-103014	10/30/2014																							
		VMP-10-5-020515	2/5/2015																							
		VMP-10-5-043015	4/30/2015																							
		VMP-10-5-072815	7/28/2015																							
		VMP-10-5-103015	10/30/2015																							
		VMP-10-5-012916	1/29/2016																							
		VMP-10-5-050216	5/2/2016																							
		VMP-10-5-082616	8/26/2016																							
		VMP-10-5-110216	11/2/2016																							
	10 ft	VMP-10-10	11/11/2009																							
		VMP-10-10-090710	9/7/2010																							
		VMP-10-10-111810	11/17/2010																							
		VMP-10-10-021111	2/11/2011																							
		VMP-10-10-040611	4/6/2011																							
		VMP-10-10-072911	7/29/2011																							
		VMP-10-10-110411	11/4/2011																							
		VMP-10-10-110411-DUP	11/4/2011																							
		VMP-10-10-012512	1/26/2012																							
		VMP-10-10-012512-DUP	1/26/2012																							
		VMP-10-10-041112	4/11/2012																							
		VMP-10-10-071312	7/13/2012																							
		VMP-10-10-101612	10/16/2012																							
		VMP-10-10-012913	1/29/2013																							
		VMP-10-10-043013	4/30/2013																							
		VMP-10-10-073013	7/30/2013																							
		VMP-10-10-111313	11/13/2013																							
		VMP-10-10-021214	2/12/2014																							
		VMP-10-10-042914	4/29/2014																							
		VMP-10-10-073114	7/31/2014																							
		VMP-10-10-103014	10/30/2014																							
		VMP-10-10-020515	2/5/2015																							
		VMP-10-10-043015	4/30/2015																							
		VMP-10-10-072815	7/28/2015																							
		VMP-10-10-103015	10/30/2015																							
		VMP-10-10-021616	2/16/2016																							
		VMP-10-10-050216	5/2/2016																							
		VMP-10-10-072816	7/28/2016																							
		VMP-10-10-110216	11/2/2016																							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-10	20 ft	VMP-10-20	11/11/2009																							
		VMP-10-20-D	11/11/2009																							
		VMP-10-20-090710	9/7/2010																							
		VMP-10-20-090710-DUP	9/7/2010																							
		VMP-10-20-111810	11/17/2010																							
		VMP-10-20-111810-Dup	11/17/2010																							
		VMP-10-20-021111	2/11/2011																							
		VMP-10-20-040611	4/6/2011																							
		VMP-10-20-072911	7/29/2011																							
		VMP-10-20-110411	11/4/2011																							
		VMP-10-20-012612	1/26/2012																							
		VMP-10-20-041212	4/12/2012																							
		VMP-10-20-071612	7/16/2012																							
		VMP-10-20-101612	10/16/2012																							
		VMP-10-20-012913	1/29/2013																							
		VMP-10-20-043013	4/30/2013																							
		VMP-10-20-073013	7/30/2013																							
		VMP-10-20-102313	10/23/2013																							
		VMP-10-20-021214	2/12/2014																							
		VMP-10-20-042914	4/29/2014																							
		VMP-10-20-073114	7/31/2014																							
		VMP-10-20-103014	10/30/2014																							
		VMP-10-20-020515	2/5/2015																							
		VMP-10-20-043015	4/30/2015																							
		VMP-10-20-072815	7/28/2015																							
		VMP-10-20-072815-DUP	7/28/2015																							
		VMP-10-20-103015	10/30/2015																							
		VMP-10-20-012916	1/29/2016																							
		VMP-10-20-050216	5/2/2016																							
		VMP-10-20-072816	7/28/2016																							
		VMP-10-20-110216	11/2/2016																							
	30 ft	VMP-10-30	11/13/2009																							
		VMP-10-30-041212	4/12/2012																							
		VMP-10-30-071612	7/16/2012																							
		VMP-10-30-101612	10/16/2012																							
		VMP-10-30-012913	1/29/2013																							
		VMP-10-30-043013	4/30/2013																							
		VMP-10-30-073013	7/30/2013																							
		VMP-10-30-102813	10/28/2013																							
		VMP-10-30-021214	2/12/2014																							
		VMP-10-30-042914	4/29/2014																							
		VMP-10-30-073114	7/31/2014																							
		VMP-10-30-073114-Dup	7/31/2014																							
		VMP-10-30-103014	10/30/2014																							
		VMP-10-30-103014-DUP	10/30/2014																							
		VMP-10-30-020515	2/5/2015																							
		VMP-10-30-020515-DUP	2/5/2015																							
		VMP-10-30-043015	4/30/2015																							
		VMP-10-30-072815	7/28/2015																							
		VMP-10-30-103015	10/30/2015																							
		VMP-10-30-012916-DUP	1/29/2016																							
		VMP-10-30-050216	5/2/2016																							
		VMP-10-30-050216-DUP	5/2/2016																							
		VMP-10-30-072816	7/28/2016																							
		VMP-10-30-110216	11/2/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-11	5 ft	VMP-11-5	11/17/2009																							
		VMP-11-5-090710	9/7/2010																							
		VMP-11-5-112210	11/22/2010																							
		VMP-11-5-021511	2/15/2011																							
		VMP-11-5-040611	4/6/2011																							
		VMP-11-5-080711	8/7/2011																							
		VMP-11-5-111111	11/11/2011																							
		VMP-11-5-012612	1/26/2012																							
		VMP-11-5-041912	4/19/2012																							
		VMP-11-5-071912	7/16/2012																							
		VMP-11-5-101612	10/16/2012																							
		VMP-11-5-012913	1/29/2013																							
		VMP-11-5-043013	4/30/2013																							
		VMP-11-5-073113	7/31/2013																							
		VMP-11-5-102813	10/28/2013																							
		VMP-11-5-022114	2/21/2014																							
		VMP-11-5-043014	4/30/2014																							
		VMP-11-5-073114	7/31/2014																							
		VMP-11-5-103014	10/30/2014																							
		VMP-11-5-020515	2/5/2015																							
		VMP-11-5-043015	4/30/2015																							
		VMP-11-5-072815	7/28/2015																							
		VMP-11-5-103015	10/30/2015																							
		VMP-11-5-012916	1/29/2016																							
		VMP-11-5-050216	5/2/2016																							
		VMP-11-5-080116	8/1/2016																							
		VMP-11-5-110116	11/1/2016																							
	8 ft	VMP-11-8	11/17/2009																							
		VMP-11-8-090810	9/8/2010																							
		VMP-11-8-112210	11/22/2010																							
		VMP-11-8-021111	2/11/2011																							
		VMP-11-8-021111-DUP	2/11/2011																							
		VMP-11-8-040611	4/6/2011																							
		VMP-11-8-040611-DUP	4/6/2011																							
		VMP-11-8-080711	8/7/2011																							
		VMP-11-8-111411	11/14/2011																							
		VMP-11-8-012612	1/26/2012																							
		VMP-11-8-041912	4/19/2012																							
		VMP-11-8-072012	7/20/2012																							
		VMP-11-8-101612	10/16/2012																							
		VMP-11-8-101612-Dup	10/16/2012																							
		VMP-11-8-012913	1/29/2013																							
		VMP-11-8-050113	5/1/2013																							
		VMP-11-8-080113	8/1/2013																							
		VMP-11-8-102813	10/28/2013																							
		VMP-11-8-022114	2/21/2014																							
		VMP-11-8-043014	4/30/2014																							
		VMP-11-8-073114	7/31/2014																							
		VMP-11-8-111014-R	11/10/2014																							
		VMP-11-8-020515	2/5/2015																							
		VMP-11-8-043015	4/30/2015																							
		VMP-11-8-072815	7/28/2015																							
		VMP-11-8-103015	10/30/2015																							
		VMP-11-8-012916	1/29/2016																							
		VMP-11-8-050616	5/6/2016																							
		VMP-11-8-080116	8/1/2016																							
		VMP-11-8-110116	11/1/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-11	29 ft	VMP-11-29	11/18/2009																							
		VMP-11-29-090810	9/8/2010																							
		VMP-11-29-112210	11/22/2010																							
		VMP-11-29-112210-Dup	11/22/2010																							
		VMP-11-29-021411	2/14/2011																							
		VMP-11-29-040611	4/6/2011																							
		VMP-11-29-082511	8/25/2011																							
		VMP-11-29-082511-Dup	8/25/2011																							
		VMP-11-29-111411	11/14/2011																							
		VMP-11-29-012612	1/26/2012																							
		VMP-11-29-042712	4/27/2012																							
		VMP-11-29-072012	7/23/2012																							
		VMP-11-29-101612	10/16/2012																							
		VMP-11-29-012913	1/29/2013																							
		VMP-11-29-043013	4/30/2013																							
		VMP-11-29-073113	7/31/2013																							
		VMP-11-29-102813	10/28/2013																							
		VMP-11-29-022114	2/21/2014																							
		VMP-11-29-043014	4/30/2014																							
		VMP-11-29-073114	7/31/2014																							
		VMP-11-29-103014	10/30/2014																							
		VMP-11-29-103014-DUP	10/30/2014																							
		VMP-11-29-020515	2/5/2015																							
		VMP-11-29-020515-DUP	2/5/2015																							
		VMP-11-29-043015	4/30/2015																							
		VMP-11-29-072815	7/28/2015																							
		VMP-11-29-110515	11/5/2015																							
		VMP-11-29-012916	1/29/2016																							
		VMP-11-29-050216	5/2/2016																							
		VMP-11-29-080216	8/2/2016																							
		VMP-11-29-110116	11/1/2016																							
	38 ft	VMP-11-38	11/18/2009																							
		VMP-11-38-042312	4/23/2012																							
		VMP-11-38-042312-Dup	4/23/2012																							
		VMP-11-38-072312	7/23/2012																							
		VMP-11-38-101612	10/16/2012																							
		VMP-11-38-013013	1/30/2013																							
		VMP-11-38-043013	4/30/2013																							
		VMP-11-38-073113	7/31/2013																							
		VMP-11-38-073113-Dup	7/31/2013																							
		VMP-11-38-102813	10/28/2013																							
		VMP-11-38-022114	2/21/2014																							
		VMP-11-38-043014	4/30/2014																							
		VMP-11-38-073114	7/31/2014																							
		VMP-11-38-103014	10/30/2014																							
		VMP-11-38-020515	2/5/2015																							
		VMP-11-38-043015	4/30/2015																							
		VMP-11-38-072815	7/28/2015																							
		VMP-11-38-103015	10/30/2015																							
		VMP-11-38-103015-DUP	10/30/2015																							
		VMP-11-38-012916	1/29/2016																							
		VMP-11-38-050216	5/2/2016																							
		VMP-11-38-050216-DUP	5/2/2016																							
		VMP-11-38-080216	8/2/2016																							
		VMP-11-38-110216	11/2/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-12	5 ft	VMP-12-5	11/13/2009																							
		VMP-12-5-090310	9/3/2010																							
		VMP-12-5-120310	12/3/2010																							
		VMP-12-5-021511	2/15/2011																							
		VMP-12-5-041911	4/19/2011																							
		VMP-12-5-080411	8/4/2011																							
		VMP-12-5-111611	11/16/2011																							
		VMP-12-5-012412	1/24/2012																							
		VMP-12-5-041912	4/19/2012																							
		VMP-12-5-072612	7/26/2012																							
		VMP-12-5-072612-Dup	7/26/2012																							
		VMP-12-5-102412	10/24/2012																							
		VMP-12-5-021813	2/18/2013																							
		VMP-12-5-051013	5/10/2013																							
		VMP-12-5-081213	8/12/2013																							
		VMP-12-5-111413	11/14/2013																							
		VMP-12-5-031914-R	3/19/2014																							
		VMP-12-5-050214	5/2/2014																							
		VMP-12-5-081514	8/15/2014																							
		VMP-12-5-110714	11/10/2014																							
		VMP-12-5-021115	2/11/2015																							
		VMP-12-5-050715	5/7/2015																							
		VMP-12-5-073115	7/31/2015																							
		VMP-12-5-110415	11/4/2015																							
		VMP-12-5-020316	2/3/2016																							
		VMP-12-5-050416	5/4/2016																							
		VMP-12-5-080316	8/3/2016																							
		VMP-12-5-103116	10/31/2016																							
	11.5 ft	VMP-12-11.5	11/13/2009																							
		VMP-12-11.5-090310	9/3/2010																							
		VMP-12-11.5-120310	12/3/2010																							
		VMP-12-11.5-021511	2/15/2011																							
		VMP-12-11.5-021511-DUP	2/15/2011																							
		VMP-12-11.5-041911	4/19/2011																							
		VMP-12-11.5-080411	8/4/2011																							
		VMP-12-11.5-111611	11/16/2011																							
		VMP-12-11.5-012412	1/24/2012																							
		VMP-12-11.5-041912	4/19/2012																							
		VMP-12-11.5-082012	8/20/2012																							
		VMP-12-11.5-102612	10/26/2012																							
		VMP-12-11.5-021813	2/18/2013																							
		VMP-12-11.5-051013	5/10/2013																							
		VMP-12-11.5-081213	8/12/2013																							
		VMP-12-11.5-111413	11/14/2013																							
		VMP-12-11.5-022814	2/28/2014																							
		VMP-12-11.5-050214	5/2/2014																							
		VMP-12-11.5-081514	8/15/2014																							
		VMP-12-11.5-110714	11/7/2014																							
		VMP-12-11.5-021115	2/11/2015																							
		VMP-12-11.5-050715	5/7/2015																							
		VMP-12-11.5-073115	7/31/2015																							
		VMP-12-11.5-110415	11/4/2015																							
		VMP-12-11.5-020316	2/3/2016																							
		VMP-12-11.5-050416	5/4/2016																							
		VMP-12-11.5-080316	8/3/2016																							
		VMP-12-11.5-110316	11/3/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-12	25 ft	VMP-12-25	11/13/2009																							
		VMP-12-25-090310	9/3/2010																							
		VMP-12-25-120310	12/3/2010																							
		VMP-12-25-021511	2/15/2011																							
		VMP-12-25-041911	4/19/2011																							
		VMP-12-25-080411	8/4/2011																							
		VMP-12-25-111611	11/16/2011																							
		VMP-12-25-012412	1/24/2012																							
		VMP-12-25-012412-DUP	1/24/2012																							
		VMP-12-25-041912	4/19/2012																							
		VMP-12-25-072712	7/27/2012																							
		VMP-12-25-072712-Dup	7/27/2012																							
		VMP-12-25-102512	10/25/2012																							
		VMP-12-25-021513	2/15/2013																							
		VMP-12-25-051013	5/10/2013																							
		VMP-12-25-081213	8/12/2013																							
		VMP-12-25-111413	11/14/2013																							
		VMP-12-25-022814	2/28/2014																							
		VMP-12-25-050214	5/2/2014																							
		VMP-12-25-081514	8/15/2014																							
		VMP-12-25-110714	11/7/2014																							
		VMP-12-25-021115	2/11/2015																							
		VMP-12-25-050715	5/7/2015																							
		VMP-12-25-073115	7/31/2015																							
		VMP-12-25-110415	11/4/2015																							
		VMP-12-25-021616	2/16/2016																							
		VMP-12-25-021616-DUP	2/16/2016																							
		VMP-12-25-050416	5/4/2016																							
		VMP-12-25-080316	8/3/2016																							
		VMP-12-25-103116	10/31/2016																							
		VMP-12-25-103116-Dup	10/31/2016																							
	39 ft	VMP-12-39	11/13/2009																							
		VMP-12-39-041911	4/19/2011																							
		VMP-12-39-012412	1/24/2012																							
		VMP-12-39-041912	4/19/2012																							
		VMP-12-39-072612	7/26/2012																							
		VMP-12-39-102412	10/24/2012																							
		VMP-12-39-021513	2/15/2013																							
		VMP-12-39-051013	5/10/2013																							
		VMP-12-39-081213	8/12/2013																							
		VMP-12-39-111413	11/14/2013																							
		VMP-12-39-022814	2/28/2014																							
		VMP-12-39-050214	5/2/2014																							
		VMP-12-39-081514	8/15/2014																							
		VMP-12-39-081514-Dup	8/15/2014																							
		VMP-12-39-110714	11/7/2014																							
		VMP-12-39-021115	2/11/2015																							
		VMP-12-39-050715	5/7/2015																							
		VMP-12-39-050715-DUP	5/7/2015																							
		VMP-12-39-061515-Dup-R	6/15/2015																							
		VMP-12-39-061515-R	6/15/2015																							
		VMP-12-39-073115	7/31/2015																							
		VMP-12-39-073115-DUP	7/31/2015																							
		VMP-12-39-110415	11/4/2015																							
		VMP-12-39-020316	2/3/2016																							
		VMP-12-39-050416	5/4/2016																							
		VMP-12-39-080316	8/3/2016																							
		VMP-12-39-110316	11/3/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5	11/16/2009																							
		VMP 13-5-091310	9/13/2010																							
		VMP-13-5-120110	12/1/2010																							
		VMP-13-5-021811	2/18/2011																							
		VMP-13-5-040511	4/5/2011																							
		VMP-13-5-080911	8/9/2011																							
		VMP-13-5-080911-DUP	8/9/2011																							
		VMP-13-5-111411	11/14/2011																							
		VMP-13-5-012712	1/27/2012																							
		VMP-13-5-042012	4/20/2012																							
		VMP-13-5-071912	7/19/2012																							
		VMP-13-5-071912-Dup	7/19/2012																							
		VMP-13-5-100912	10/9/2012																							
		VMP-13-5-012913	1/29/2013																							
		VMP-13-5-050113	5/1/2013																							
		VMP-13-5-073113	7/31/2013																							
		VMP-13-5-111513	11/15/2013																							
		VMP-13-5-022114	2/21/2014																							
		VMP-13-5-050114	5/1/2014																							
		VMP-13-5-080814	8/8/2014																							
		VMP-13-5-103014	10/30/2014																							
		VMP-13-5-020515	2/5/2015																							
		VMP-13-5-043015	4/30/2015																							
		VMP-13-5-072715	7/27/2015																							
		VMP-13-5-110215	11/2/2015																							
		VMP-13-5-012616	1/26/2016																							
		VMP-13-5-050316	5/3/2016																							
		VMP-13-5-072916	7/29/2016																							
		VMP-13-5-110216	11/2/2016																							
	10.5 ft	VMP-13-10.5	11/17/2009																							
		VMP-13-10.5-D	11/17/2009																							
		VMP 13-10.5-091310	9/13/2010																							
		VMP 13-10.5-091310-Dup	9/13/2010																							
		VMP-13-10.5-120110	12/1/2010																							
		VMP-13-10.5-120110-DUP	12/1/2010																							
		VMP-13-10.5-021811	2/18/2011																							
		VMP-13-10.5-021811-DUP	2/18/2011																							
		VMP-13-10.5-040511-DUP	4/5/2011																							
		VMP-13-10.5-080911	8/9/2011																							
		VMP-13-10.5-111411	11/14/2011																							
		VMP-13-10.5-012712	1/26/2012																							
		VMP-13-10.5-012712-DUP	1/26/2012																							
		VMP-13-10.5-042012	4/20/2012																							
		VMP-13-10.5-071912	7/19/2012																							
		VMP-13-10.5-100912	10/9/2012																							
		VMP-13-10.5-100912-Dup	10/9/2012																							
		VMP-13-10.5-013013	1/30/2013																							
		VMP-13-10.5-050113	5/1/2013																							
		VMP-13-10.5-073113	7/31/2013																							
		VMP-13-10.5-092013	9/20/2013																							
		VMP-13-10.5-111513	11/15/2013																							
		VMP-13-10.5-111513-Dup	11/15/2013																							
		VMP-13-10.5-022114	2/21/2014																							
		VMP-13-10.5-050114	5/1/2014																							
		VMP-13-10.5-080814	8/8/2014																							
		VMP-13-10.5-103014	10/30/2014																							
		VMP-13-10.5-020515	2/5/2015																							
		VMP-13-10.5-043015	4/30/2015																							
		VMP-13-10.5-072715	7/27/2015																							
		VMP-13-10.5-110215	11/2/2015																							
		VMP-13-10.5-012616	1/26/2016																							
		VMP-13-10.5-050316	5/3/2016																							
		VMP-13-10.5-072916	7/29/2016																							
		VMP-13-10.5-110216	11/2/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-13	21.5 ft	VMP-13-21.5	11/17/2009																							
		VMP 13-21.5-091310	9/13/2010																							
		VMP-13-21.5-120110	12/1/2010																							
		VMP-13-21.5-021811	2/18/2011																							
		VMP-13-21.5-040511	4/5/2011																							
		VMP-13-21.5-080911	8/9/2011																							
		VMP-13-21.5-111411	11/14/2011																							
		VMP-13-21.5-111411-DUP	11/14/2011																							
		VMP-13-21.5-012712	1/27/2012																							
		VMP-13-21.5-042012	4/20/2012																							
		VMP-13-21.5-071912	7/19/2012																							
		VMP-13-21.5-100912	10/9/2012																							
		VMP-13-21.5-013013	1/30/2013																							
		VMP-13-21.5-050113	5/1/2013																							
		VMP-13-21.5-073113	7/31/2013																							
		VMP-13-21.5-102813	10/28/2013																							
		VMP-13-21.5-102813-Dup	10/28/2013																							
		VMP-13-21.5-022114	2/21/2014																							
		VMP-13-21.5-050114	5/1/2014																							
		VMP-13-21.5-080814	8/8/2014																							
		VMP-13-21.5-103014	10/30/2014																							
		VMP-13-21.5-020515	2/5/2015																							
		VMP-13-21.5-043015	4/30/2015																							
		VMP-13-21.5-072715	7/27/2015																							
		VMP-13-21.5-112515	11/25/2015																							
		VMP-13-21.5-012616	1/26/2016																							
		VMP-13-21.5-050316	5/3/2016																							
		VMP-13-21.5-050316-DUP	5/3/2016																							
		VMP-13-21.5-072916	7/29/2016																							
		VMP-13-21.5-110216	11/2/2016																							
	29.5 ft	VMP-13-29.5	11/17/2009																							
		VMP-13-29.5-021811	2/18/2011																							
		VMP-13-29.5-040511	4/5/2011																							
		VMP-13-29.5-013012	1/30/2012																							
		VMP-13-29.5-042012	4/20/2012																							
		VMP-13-29.5-071912	7/19/2012																							
		VMP-13-29.5-100912	10/9/2012																							
		VMP-13-29.5-013013	1/30/2013																							
		VMP-13-29.5-050113	5/1/2013																							
		VMP-13-29.5-073113	7/31/2013																							
		VMP-13-29.5-102813	10/28/2013																							
		VMP-13-29.5-022114	2/21/2014																							
		VMP-13-29.5-022114-Dup	2/21/2014																							
		VMP-13-29.5-050114	5/1/2014																							
		VMP-13-29.5-080814	8/8/2014																							
		VMP-13-29.5-103014	10/30/2014																							
		VMP-13-29.5-020515	2/5/2015																							
		VMP-13-29.5-043015	4/30/2015																							
		VMP-13-29.5-072715	7/27/2015																							
		VMP-13-29.5-072715-DUP	7/27/2015																							
		VMP-13-29.5-110215	11/2/2015																							
		VMP-13-29.5-110215-DUP	11/2/2015																							
		VMP-13-29.5-012616	1/26/2016																							
		VMP-13-29.5-050316	5/3/2016																							
		VMP-13-29.5-082616-R	8/29/2016																							
		VMP-13-29.5-110216	11/2/2016																							
		VMP-13-29.5-110216-Dup	11/2/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5	11/20/2009																							
		VMP 14-5-091010	9/10/2010																							
		VMP-14-5-120110	12/1/2010																							
		VMP-14-5-021711	2/17/2011																							
		VMP-14-5-040511	4/5/2011																							
		VMP-14-5-080811	8/8/2011																							
		VMP-14-5-111411	11/14/2011																							
		VMP-14-5-042012	4/20/2012																							
		VMP-14-5-072312	7/23/2012																							
		VMP-14-5-101012	10/10/2012																							
		VMP-14-5-013113	1/31/2013																							
		VMP-14-5-050113	5/1/2013																							
		VMP-14-5-111113	11/11/2013																							
		VMP-14-5-022614	2/26/2014																							
		VMP-14-5-050114	5/1/2014																							
		VMP-14-5-081114	8/11/2014																							
		VMP-14-5-103014	10/30/2014																							
		VMP-14-5-020615	2/6/2015																							
		VMP-14-5-043015	4/30/2015																							
		VMP-14-5-072915	7/29/2015																							
		VMP-14-5-110215	11/2/2015																							
		VMP-14-5-012616	1/26/2016																							
		VMP-14-5-050316	5/3/2016																							
		VMP14-5-072916	7/29/2016																							
		VMP-14-5-110216	11/2/2016																							
	11.5 ft	VMP-14-11.5	11/16/2009																							
		VMP 14-11.5-091010	9/10/2010																							
		VMP-14-11.5-120110	12/2/2010																							
		VMP-14-11.5-120110-DUP	12/2/2010																							
		VMP-14-11.5-021711	2/17/2011																							
		VMP-14-11.5-021711-DUP	2/17/2011																							
		VMP-14-11.5-040511	4/5/2011																							
		VMP-14-11.5-080811	8/8/2011																							
		VMP-14-11.5-111511	11/15/2011																							
		VMP-14-11.5-012612	1/26/2012																							
		VMP-14-11.5-042312	4/23/2012																							
		VMP-14-11.5-042312-Dup	4/23/2012																							
		VMP-14-11.5-072512	7/25/2012																							
		VMP-14-11.5-101012	10/10/2012																							
		VMP-14-11.5-013113	1/31/2013																							
		VMP-14-11.5-050113	5/1/2013																							
		VMP-14-11.5-080113	8/1/2013																							
		VMP-14-11.5-111113	11/11/2013																							
		VMP-14-11.5-022614	2/26/2014																							
		VMP-14-11.5-050114	5/1/2014																							
		VMP-14-11.5-081114	8/11/2014																							
		VMP-14-11.5-103014	10/30/2014																							
		VMP-14-11.5-020615	2/6/2015																							
		VMP-14-11.5-043015	4/30/2015																							
		VMP-14-11.5-072915	7/29/2015																							
		VMP-14-11.5-110215	11/2/2015																							
		VMP-14-11.5-012616	1/26/2016																							
		VMP-14-11.5-050316	5/3/2016																							
		VMP-14-11.5-072916	7/29/2016																							
		VMP-14-11.5-110216	11/2/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-14	20 ft	VMP-14-20	11/16/2009																							
		VMP 14-20-091010	9/10/2010																							
		VMP 14-20-091010-Dup	9/10/2010																							
		VMP-14-20-120110	12/2/2010																							
		VMP-14-20-021811	2/18/2011																							
		VMP-14-20-040511	4/5/2011																							
		VMP-14-20-080811	8/8/2011																							
		VMP-14-20-111511	11/15/2011																							
		VMP-14-20-012612	1/26/2012																							
		VMP-14-20-042312	4/23/2012																							
		VMP-14-20-072512	7/25/2012																							
		VMP-14-20-101612	10/16/2012																							
		VMP-14-20-013113	1/31/2013																							
		VMP-14-20-050113	5/1/2013																							
		VMP-14-20-050113-Dup	5/1/2013																							
		VMP-14-20-080113	8/1/2013																							
		VMP-14-20-111113	11/11/2013																							
		VMP-14-20-022614	2/26/2014																							
		VMP-14-20-050114	5/1/2014																							
		VMP-14-20-081114	8/11/2014																							
		VMP-14-20-103014	10/30/2014																							
		VMP-14-20-020615	2/6/2015																							
		VMP-14-20-043015	4/30/2015																							
		VMP-14-20-072915	7/29/2015																							
		VMP-14-20-110215	11/2/2015																							
		VMP-14-20-012616	1/26/2016																							
		VMP-14-20-050416	5/4/2016																							
		VMP-14-20-072916	7/29/2016																							
	29 ft	VMP-14-29	11/16/2009																							
		VMP-14-29-021811	2/18/2011																							
		VMP-14-29-040511	4/5/2011																							
		VMP-14-29-012612	1/26/2012																							
		VMP-14-29-042312	4/23/2012																							
		VMP-14-29-072512	7/25/2012																							
		VMP-14-29-101612	10/16/2012																							
		VMP-14-29-013113-DUP	1/31/2013																							
		VMP-14-29-013113	1/31/2013																							
		VMP-14-29-050213	5/2/2013																							
		VMP-14-29-080113	8/1/2013																							
		VMP-14-29-111113	11/11/2013																							
		VMP-14-29-022614	2/26/2014																							
		VMP-14-29-022614-Dup	2/26/2014																							
		VMP-14-29-050114	5/1/2014																							
		VMP-14-29-050114-Dup	5/1/2014																							
		VMP-14-29-081114	8/11/2014																							
		VMP-14-29-081114-DUP	8/11/2014																							
		VMP-14-29-103014	10/30/2014																							
		VMP-14-29-020615	2/6/2015																							
		VMP-14-29-043015	4/30/2015																							
		VMP-14-29-043015-DUP	4/30/2015																							
		VMP-14-29-072915	7/29/2015																							
		VMP-14-29-110215	11/2/2015																							
		VMP-14-29-012616	1/26/2016																							
		VMP-14-29-012616-DUP	1/26/2016																							
		VMP-14-29-050316	5/3/2016																							
		VMP-14-29-072916	7/29/2016																							
		VMP-14-29-072916-DUP	7/29/2016																							
		VMP-14-29-110216	11/2/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-15	5 ft	VMP-15-5	11/18/2009																							
		VMP-15-5-D	11/18/2009																							
		VMP 15-5-091410	9/14/2010																							
		VMP-15-5-113010	11/30/2010																							
		VMP-15-5-021611	2/16/2011																							
		VMP-15-5-042011	4/20/2011																							
		VMP-15-5-080811	8/8/2011																							
		VMP-15-5-111511	11/15/2011																							
		VMP-15-5-020112	2/1/2012																							
		VMP-15-5-042412	4/24/2012																							
		VMP-15-5-072512	7/25/2012																							
		VMP-15-5-102512	10/25/2012																							
		VMP-15-5-020513	2/5/2013																							
		VMP-15-5-050913	5/9/2013																							
		VMP-15-5-080813	8/8/2013																							
		VMP-15-5-111113	11/11/2013																							
		VMP-15-5-022714	2/27/2014																							
		VMP-15-5-050514	5/5/2014																							
		VMP-15-5-081414	8/14/2014																							
		VMP-15-5-110614	11/6/2014																							
		VMP-15-5-020615	2/6/2015																							
		VMP-15-5-050415	5/4/2015																							
		VMP-15-5-072915	7/29/2015																							
		VMP-15-5-110415	11/4/2015																							
		VMP-15-5-020316	2/3/2016																							
		VMP-15-5-050316	5/3/2016																							
		VMP-15-5-080216	8/2/2016																							
		VMP-15-5-110116	11/1/2016																							
	21.5 ft	VMP-15-21.5	11/18/2009																							
		VMP 15-21.5-091410	9/14/2010																							
		VMP-15-21.5-113010	11/30/2010																							
		VMP-15-21.5-021611	2/16/2011																							
		VMP-15-21.5-042011	4/20/2011																							
		VMP-15-21.5-080811	8/8/2011																							
		VMP-15-21.5-111511	11/15/2011																							
		VMP-15-21.5-020112	2/1/2012																							
		VMP-15-21.5-042412	4/24/2012																							
		VMP-15-21.5-072512	7/25/2012																							
		VMP-15-21.5-102512	10/25/2012																							
		VMP-15-21.5-102512-Dup	10/25/2012																							
		VMP-15-21.5-020713	2/7/2013																							
		VMP-15-21.5-051513	5/15/2013																							
		VMP-15-21.5-080813	8/8/2013																							
		VMP-15-21.5-111113	11/11/2013																							
		VMP-15-21.5-111113-Dup	11/11/2013																							
		VMP-15-21.5-022714	2/27/2014																							
		VMP-15-21.5-050514	5/5/2014																							
		VMP-15-21.5-081414	8/14/2014																							
		VMP-15-21.5-110614	11/6/2014																							
		VMP-15-21.5-020615	2/6/2015																							
		VMP-15-21.5-050415	5/4/2015																							
		VMP-15-21.5-072915	7/29/2015																							
		VMP-15-21.5-110415	11/4/2015																							
		VMP-15-21.5-020316	2/3/2016																							
		VMP-15-21.5-050316	5/3/2016																							
		VMP-15-21.5-080216	8/2/2016																							
		VMP-15-21.5-110116	11/1/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-15	25.5 ft	VMP-15-25.5	11/18/2009																							
		VMP 15-25.5-091410	9/14/2010																							
		VMP-15-25.5-021611	2/16/2011																							
		VMP-15-25.5-042011	4/20/2011																							
		VMP-15-25.5-042011-DUP	4/20/2011																							
		VMP-15-25.5-080811	8/8/2011																							
		VMP-15-25.5-111511	11/15/2011																							
		VMP-15-25.5-073112	7/31/2012																							
		VMP-15-25.5-102512	10/25/2012																							
		VMP-15-25.5-021213	2/12/2013																							
		VMP-15-25.5-050913	5/9/2013																							
		VMP-15-25.5-080813	8/8/2013																							
		VMP-15-25.5-111113	11/11/2013																							
		VMP-15-25.5-022714	2/27/2014																							
		VMP-15-25.5-050514	5/5/2014																							
		VMP-15-25.5-081414	8/14/2014																							
		VMP-15-25.5-110614	11/6/2014																							
		VMP-15-25.5-110614-DUP	11/6/2014																							
		VMP-15-25.5-020615	2/6/2015																							
		VMP-15-25.5-050415	5/4/2015																							
		VMP-15-25.5-072915	7/29/2015																							
		VMP-15-25.5-110415	11/4/2015																							
		VMP-15-25.5-020316	2/3/2016																							
		VMP-15-25.5-050316	5/3/2016																							
		VMP-15-25.5-080216	8/2/2016																							
		VMP-15-25.5-110116	11/1/2016																							
		VMP-15-25.5-110116-Dup	11/1/2016																							
	29 ft	VMP-15-29	11/19/2009																							
		VMP-15-29-073112	7/31/2012																							
		VMP-15-29-102512	10/25/2012																							
		VMP-15-29-021213	2/12/2013																							
		VMP-15-29-050913	5/9/2013																							
		VMP-15-29-080813	8/8/2013																							
		VMP-15-29-111113	11/11/2013																							
		VMP-15-29-022714	2/27/2014																							
		VMP-15-29-022714-Dup	2/27/2014																							
		VMP-15-29-081414	8/14/2014																							
		VMP-15-29-110614	11/6/2014																							
		VMP-15-29-020615	2/6/2015																							
		VMP-15-29-020615-DUP	2/6/2015																							
		VMP-15-29-050415	5/4/2015																							
		VMP-15-29-072915	7/29/2015																							
		VMP-15-29-072915-DUP	7/29/2015																							
		VMP-15-29-110415	11/4/2015																							
		VMP-15-29-020316	2/3/2016																							
		VMP-15-29-050316	5/3/2016																							
		VMP-15-29-080216	8/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5	11/20/2009																							
		VMP-16-5-090210	9/2/2010																							
		VMP-16-5-112910	11/29/2010																							
		VMP-16-5-021511	2/15/2011																							
		VMP-16-5-042211	4/22/2011																							
		VMP-16-5-080511	8/5/2011																							
		VMP-16-5-042512	4/25/2012																							
		VMP-16-5-073012	7/30/2012																							
		VMP-16-5-102512	10/25/2012																							
		VMP-16-5-021413	2/14/2013																							
		VMP-16-5-042313	4/23/2013																							
		VMP-16-5-081313	8/13/2013																							
		VMP-16-5-111513	11/15/2013																							
		VMP-16-5-030614	3/6/2014																							
		VMP-16-5-050214	5/2/2014																							
		VMP-16-5-081514	8/15/2014																							
		VMP-16-5-110714	11/7/2014																							
		VMP-16-5-021115	2/11/2015																							
		VMP-16-5-050715	5/7/2015																							
		VMP-16-5-073115	7/31/2015																							
		VMP-16-5-110415	11/4/2015																							
		VMP-16-5-020316	2/3/2016																							
		VMP-16-5-050416	5/4/2016																							
		VMP-16-5-080316	8/3/2016																							
		VMP-16-5-103116	10/31/2016																							
	13.5 ft	VMP-16-13.5	11/19/2009																							
		VMP-16-13.5-090210	9/2/2010																							
		VMP-16-13.5-090210-DUP	9/2/2010																							
		VMP-16-13.5-112910	11/29/2010																							
		VMP-16-13.5-021611	2/16/2011																							
		VMP-16-13.5-021611-DUP	2/16/2011																							
		VMP-16-13.5-042211	4/22/2011																							
		VMP-16-13.5-080511	8/5/2011																							
		VMP-16-13.5-042512	4/25/2012																							
		VMP-16-13.5-073012	7/30/2012																							
		VMP-16-13.5-102512	10/25/2012																							
		VMP-16-13.5-021413	2/14/2013																							
		VMP-16-13.5-042313	4/23/2013																							
		VMP-16-13.5-081313	8/13/2013																							
		VMP-16-13.5-081313-Dup	8/13/2013																							
		VMP-16-13.5-111513	11/15/2013																							
		VMP-16-13.5-030614	3/6/2014																							
		VMP-16-13.5-050214	5/2/2014																							
		VMP-16-13.5-050214-Dup	5/2/2014																							
		VMP-16-13.5-081514	8/15/2014																							
		VMP-16-13.5-110714	11/7/2014																							
		VMP-16-13.5-110714-DUP	11/7/2014																							
		VMP-16-13.5-021115	2/11/2015																							
		VMP-16-13.5-050715	5/7/2015																							
		VMP-16-13.5-073115	7/31/2015																							
		VMP-16-13.5-110415	11/4/2015																							
		VMP-16-13.5-020316	2/3/2016																							
		VMP-16-13.5-052516-R	5/25/2016																							
		VMP-16-13.5-080316	8/3/2016																							
		VMP-16-13.5-103116	10/31/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-16	19 ft	VMP-16-19	11/19/2009																							
		VMP-16-19-090210	9/2/2010																							
		VMP-16-19-112910	11/29/2010																							
		VMP-16-19-021611	2/16/2011																							
		VMP-16-19-042711	4/27/2011																							
		VMP-16-19-042711-DUP	4/27/2011																							
		VMP-16-19-042512	4/25/2012																							
		VMP-16-19-073012	7/30/2012																							
		VMP-16-19-102512	10/25/2012																							
		VMP-16-19-021413	2/14/2013																							
		VMP-16-19-042313	4/23/2013																							
		VMP-16-19-081313	8/13/2013																							
		VMP-16-19-111513	11/15/2013																							
		VMP-16-19-111513-Dup	11/15/2013																							
		VMP-16-19-030614	3/6/2014																							
		VMP-16-19-050214	5/2/2014																							
		VMP-16-19-081514	8/15/2014																							
		VMP-16-19-110714	11/7/2014																							
		VMP-16-19-120214-R	12/2/2014																							
		VMP-16-19-021115	2/11/2015																							
		VMP-16-19-050715	5/7/2015																							
		VMP-16-19-073115	7/31/2015																							
		VMP-16-19-110415	11/4/2015																							
		VMP-16-19-020316	2/3/2016																							
		VMP-16-19-050416	5/4/2016																							
		VMP-16-19-080316	8/3/2016																							
		VMP-16-19-103116	10/31/2016																							
	31 ft	VMP-16-31	11/19/2009																							
		VMP-16-31-D	11/19/2009																							
		VMP-16-31-090310	9/3/2010																							
		VMP-16-31-112910	11/29/2010																							
		VMP-16-31-042512	4/25/2012																							
		VMP-16-31-073012	7/30/2012																							
		VMP-16-31-102512	10/25/2012																							
		VMP-16-31-021813	2/18/2013																							
		VMP-16-31-042313	4/23/2013																							
		VMP-16-31-081313	8/13/2013																							
		VMP-16-31-111513	11/15/2013																							
		VMP-16-31-030614	3/6/2014																							
		VMP-16-31-050214	5/2/2014																							
		VMP-16-31-081514	8/15/2014																							
		VMP-16-31-081514-Dup	8/15/2014																							
		VMP-16-31-110714	11/7/2014																							
		VMP-16-31-021115	2/11/2015																							
		VMP-16-31-050715	5/7/2015																							
		VMP-16-31-073115	7/31/2015																							
		VMP-16-31-073115-DUP	7/31/2015																							
		VMP-16-31-110415	11/4/2015																							
		VMP-16-31-020316	2/3/2016																							
		VMP-16-31-020316-DUP	2/3/2016																							
		VMP-16-31-050416	5/4/2016																							
		VMP-16-31-050416-DUP	5/4/2016																							
		VMP-16-31-080316	8/3/2016																							
		VMP-16-31-103116	10/31/2016																							
		VMP-16-31-103116-Dup	10/31/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-17	5 ft	VMP-17-5	6/21/2010																							
		VMP-17-5-DUP	6/21/2010																							
		VMP-17-5-090110	9/1/2010																							
		VMP-17-5-112210	11/22/2010																							
		VMP-17-5-020711	2/7/2011																							
		VMP-17-5-040611	4/6/2011																							
		VMP-17-5-080111	8/1/2011																							
		VMP-17-5-110711	11/7/2011																							
		VMP-17-5-012612	1/26/2012																							
		VMP-17-5-041112	4/11/2012																							
		VMP-17-5-071112	7/11/2012																							
		VMP-17-5-100912	10/9/2012																							
		VMP-17-5-013113	1/31/2013																							
		VMP-17-5-013113-DUP	1/31/2013																							
		VMP-17-5-050113	5/1/2013																							
		VMP-17-5-072913	7/29/2013																							
		VMP-17-5-072913-Dup	7/29/2013																							
		VMP-17-5-110813	11/8/2013																							
		VMP-17-5-021114	2/11/2014																							
		VMP-17-5-042214	4/22/2014																							
		VMP-17-5-073114	7/31/2014																							
		VMP-17-5-103014	10/30/2014																							
		VMP-17-5-020415	2/4/2015																							
		VMP-17-5-050115	5/1/2015																							
		VMP-17-5-072815	7/28/2015																							
		VMP-17-5-102915	10/29/2015																							
		VMP-17-5-020216	2/2/2016																							
		VMP-17-5-050216	5/2/2016																							
		VMP-17-5-072516	7/25/2016																							
		VMP-17-5-103116	10/31/2016																							
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010																							
		VMP-18-8.5-090710	9/7/2010																							
		VMP-18-8.5-111910	11/19/2010																							
		VMP-18-8.5-020711	2/7/2011																							
		VMP-18-8.5-020711-DUP	2/7/2011																							
		VMP-18-8.5-040711	4/7/2011																							
		VMP-18-8.5-072811	7/28/2011																							
		VMP-18-8.5-110711	11/7/2011																							
		VMP-18-8.5-012312	1/23/2012																							
		VMP-18-8.5-041012	4/10/2012																							
		VMP-18-8.5-071212	7/12/2012																							
		VMP-18-8.5-100912	10/9/2012																							
		VMP-18-8.5-012313	1/23/2013																							
		VMP-18-8.5-050113	5/1/2013																							
		VMP-18-8.5-072913	7/29/2013																							
		VMP-18-8.5-102513	10/25/2013																							
		VMP-18-8.5-102513-Dup	10/25/2013																							
		VMP-18-8.5-020614	2/6/2014																							
		VMP-18-8.5-042214	4/22/2014																							
		VMP-18-8.5-042214-Dup	4/22/2014																							
		VMP-18-8.5-073114	7/31/2014																							
		VMP-18-8.5-110314	11/3/2014																							
		VMP-18-8.5-020415	2/4/2015																							
		VMP-18-8.5-050115	5/1/2015																							
		VMP-18-8.5-050115-DUP	5/1/2015																							
		VMP-18-8.5-072815	7/28/2015																							
		VMP-18-8.5-102915	10/29/2015																							
		VMP-18-8.5-020216	2/2/2016																							
		VMP-18-8.5-050516	5/5/2016																							
		VMP-18-8.5-072516	7/25/2016																							
		VMP-18-8.5-102516	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-19	5 ft	VMP-19-5	6/18/2010																							
		VMP-19-5-090110	9/1/2010																							
		VMP-19-5-111510	11/15/2010																							
		VMP-19-5-020411	2/4/2011																							
		VMP-19-5-040711	4/7/2011																							
		VMP-19-5-080911	8/9/2011																							
		VMP-19-5-080911-DUP	8/9/2011																							
		VMP-19-5-110811	11/8/2011																							
		VMP-19-5-012612	1/26/2012																							
		VMP-19-5-041012	4/10/2012																							
		VMP-19-5-071112	7/11/2012																							
		VMP-19-5-100912	10/9/2012																							
		VMP-19-5-013113	1/31/2013																							
		VMP-19-5-043013	4/30/2013																							
		VMP-19-5-073113	7/31/2013																							
		VMP-19-5-102513	10/25/2013																							
		VMP-19-5-020614	2/6/2014																							
		VMP-19-5-042214	4/22/2014																							
		VMP-19-5-073114	7/31/2014																							
		VMP-19-5-110314	11/3/2014																							
		VMP-19-5-020415	2/4/2015																							
		VMP-19-5-050115	5/1/2015																							
		VMP-19-5-072815	7/28/2015																							
		VMP-19-5-102615	10/26/2015																							
		VMP-19-5-020216	2/2/2016																							
		VMP-19-5-050616	5/6/2016																							
		VMP-19-5-072816	7/28/2016																							
		VMP-19-5-102516	10/26/2016																							
VMP-20	5 ft	VMP-20-5-031411	3/14/2011																							
		VMP-20-5-041511	4/15/2011																							
		VMP-20-5-072511	7/25/2011																							
		VMP-20-5-110111	11/1/2011																							
		VMP-20-5-012312	1/23/2012																							
		VMP-20-5-041012	4/10/2012																							
		VMP-20-5-071112	7/11/2012																							
		VMP-20-5-073112	7/31/2012																							
		VMP-20-5-100412	10/4/2012																							
		VMP-20-5-020713	2/7/2013																							
		VMP-20-5-041913	4/19/2013																							
		VMP-20-5-072313	7/23/2013																							
		VMP-20-5-110113	11/1/2013																							
		VMP-20-5-021014	2/10/2014																							
		VMP-20-5-042114	4/21/2014																							
		VMP-20-5-072514	7/25/2014																							
		VMP-20-5-102714	10/27/2014																							
		VMP-20-5-012715	1/27/2015																							
		VMP-20-5-042715	4/27/2015																							
		VMP-20-5-072015	7/20/2015																							
		VMP-20-5-102015	10/20/2015																							
		VMP-20-5-021616	2/16/2016																							
		VMP-20-5-042516	4/25/2016																							
		VMP-20-5-072216	7/22/2016																							
		VMP-20-5-102616	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-20	10 ft	VMP-20-10-031411	3/14/2011																							
		VMP-20-10-041511	4/15/2011																							
		VMP-20-10-072511	7/25/2011																							
		VMP-20-10-110111	11/1/2011																							
		VMP-20-10-012312	1/23/2012																							
		VMP-20-10-041012	4/10/2012																							
		VMP-20-10-071112	7/11/2012																							
		VMP-20-10-100412	10/4/2012																							
		VMP-20-10-012213	1/22/2013																							
		VMP-20-10-041913	4/19/2013																							
		VMP-20-10-072313	7/23/2013																							
		VMP-20-10-110113	11/1/2013																							
		VMP-20-10-110113-Dup	11/1/2013																							
		VMP-20-10-021014	2/10/2014																							
		VMP-20-10-042114	4/21/2014																							
		VMP-20-10-072514	7/25/2014																							
		VMP-20-10-102714	10/27/2014																							
		VMP-20-10-012715	1/27/2015																							
		VMP-20-10-012715-DUP	1/27/2015																							
		VMP-20-10-042715	4/27/2015																							
		VMP-20-10-072015	7/20/2015																							
		VMP-20-10-102015	10/20/2015																							
		VMP-20-10-102015-DUP	10/20/2015																							
		VMP-20-10-021616	2/16/2016																							
		VMP-20-10-042516	4/25/2016																							
		VMP-20-10-072216	7/22/2016																							
		VMP-20-10-102616	10/26/2016																							
	25 ft	VMP-20-25-031411	3/14/2011																							
		VMP-20-25-041511	4/15/2011																							
		VMP-20-25-072611	7/26/2011																							
		VMP-20-25-110511	11/5/2011																							
		VMP-20-25-012312	1/23/2012																							
		VMP-20-25-041012	4/10/2012																							
		VMP-20-25-041012-Dup	4/10/2012																							
		VMP-20-25-071112	7/11/2012																							
		VMP-20-25-100412	10/4/2012																							
		VMP-20-25-012213	1/22/2013																							
		VMP-20-25-041913	4/19/2013																							
		VMP-20-25-072313	7/23/2013																							
		VMP-20-25-110113	11/1/2013																							
		VMP-20-25-021014	2/10/2014																							
		VMP-20-25-042114	4/21/2014																							
		VMP-20-25-072514	7/25/2014																							
		VMP-20-25-102714	10/27/2014																							
		VMP-20-25-012715	1/27/2015																							
		VMP-20-25-042715	4/27/2015																							
		VMP-20-25-072015	7/20/2015																							
		VMP-20-25-102015	10/20/2015																							
		VMP-20-25-020216	2/2/2016																							
		VMP-20-25-042516	4/25/2016																							
		VMP-20-25-072216	7/22/2016																							
		VMP-20-25-102616	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-20	39.5 ft	VMP-20-39.5-042114	4/21/2014																							
		VMP-20-39.5-042715	4/27/2015																							
		VMP-20-39.5-042715-DUP	4/27/2015																							
		VMP-20-39.5-072015	7/20/2015																							
		VMP-20-39.5-072015-DUP	7/20/2015																							
		VMP-20-39.5-100412	10/4/2012																							
		VMP-20-39.5-012313	1/23/2013																							
		VMP-20-39.5-041913	4/19/2013																							
		VMP-20-39.5-072313	7/23/2013																							
		VMP-20-39.5-110113	11/1/2013																							
		VMP-20-39.5-021014	2/10/2014																							
		VMP-20-39.5-021014-Dup	2/10/2014																							
		VMP-20-39.5-072514	7/25/2014																							
		VMP-20-39.5-072514-Dup	7/25/2014																							
		VMP-20-39.5-102714	10/27/2014																							
		VMP-20-39.5-012715	1/27/2015																							
		VMP-20-39.5-102015	10/20/2015																							
		VMP-20-39.5-020216	2/2/2016																							
		VMP-20-39.5-020216-DUP	2/2/2016																							
VMP-21	5 ft	VMP-21-5-020911	2/9/2011																							
		VMP-21-5-020911-DUP	2/9/2011																							
		VMP-21-5-041311	4/13/2011																							
		VMP-21-5-072511	7/25/2011																							
		VMP-21-5-110111	11/1/2011																							
		VMP-21-5-012312	1/23/2012																							
		VMP-21-5-012312-DUP	1/23/2012																							
		VMP-21-5-042412	4/24/2012																							
		VMP-21-5-071012	7/10/2012																							
		VMP-21-5-100412	10/4/2012																							
		VMP-21-5-020613	2/6/2013																							
		VMP-21-5-051013	5/10/2013																							
		VMP-21-5-072313	7/23/2013																							
		VMP-21-5-102113	10/21/2013																							
		VMP-21-5-022414	2/24/2014																							
		VMP-21-5-042114	4/21/2014																							
		VMP-21-5-072814	7/28/2014																							
		VMP-21-5-102714	10/27/2014																							
		VMP-21-5-012715	1/27/2015																							
		VMP-21-5-042715	4/27/2015																							
		VMP-21-5-072015	7/20/2015																							
		VMP-21-5-102315	10/23/2015																							
		VMP-21-5-012616	1/26/2016																							
		VMP-21-5-042716	4/27/2016																							
		VMP-21-5-072616	7/26/2016																							
		VMP-21-5-102416	10/24/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011																							
		VMP-21-10-041311	4/13/2011																							
		VMP-21-10-072511	7/25/2011																							
		VMP-21-10-110111	11/1/2011																							
		VMP-21-10-012312	1/23/2012																							
		VMP-21-10-040912	4/9/2012																							
		VMP-21-10-071012	7/10/2012																							
		VMP-21-10-100412	10/4/2012																							
		VMP-21-10-020513	2/5/2013																							
		VMP-21-10-020513-DUP	2/5/2013																							
		VMP-21-10-051013	5/10/2013																							
		VMP-21-10-072313	7/23/2013																							
		VMP-21-10-102113	10/21/2013																							
		VMP-21-10-022414	2/24/2014																							
		VMP-21-10-042114	4/21/2014																							
		VMP-21-10-072814	7/28/2014																							
		VMP-21-10-102714	10/27/2014																							
		VMP-21-10-012715	1/27/2015																							
		VMP-21-10-042715	4/27/2015																							
		VMP-21-10-072015	7/20/2015																							
		VMP-21-10-102315	10/23/2015																							
		VMP-21-10-012616	1/26/2016																							
		VMP-21-10-042716	4/27/2016																							
		VMP-21-10-072616	7/26/2016																							
		VMP-21-10-102416	10/24/2016																							
	25 ft	VMP-21-25-021011	2/10/2011																							
		VMP-21-25-041411	4/14/2011																							
		VMP-21-25-041411-DUP	4/14/2011																							
		VMP-21-25-072611	7/26/2011																							
		VMP-21-25-110511	11/5/2011																							
		VMP-21-25-012412	1/24/2012																							
		VMP-21-25-040912	4/9/2012																							
		VMP-21-25-071112	7/11/2012																							
		VMP-21-25-100412	10/4/2012																							
		VMP-21-25-020513	2/5/2013																							
		VMP-21-25-020513-DUP	2/5/2013																							
		VMP-21-25-051013	5/10/2013																							
		VMP-21-25-072313	7/23/2013																							
		VMP-21-25-102113	10/21/2013																							
		VMP-21-25-042114	4/21/2014																							
		VMP-21-25-072814	7/28/2014																							
		VMP-21-25-102714	10/27/2014																							
		VMP-21-25-012715	1/27/2015																							
		VMP-21-25-042715	4/27/2015																							
		VMP-21-25-072015	7/20/2015																							
		VMP-21-25-102315	10/23/2015																							
		VMP-21-25-012616	1/26/2016																							
		VMP-21-25-042716	4/27/2016																							
		VMP-21-25-072616	7/26/2016																							
		VMP-21-25-102416	10/24/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-021011	2/10/2011																							
		VMP-21-33-041411	4/14/2011																							
		VMP-21-33-110511	11/5/2011																							
		VMP-21-33-012412	1/24/2012																							
		VMP-21-33-042412	4/24/2012																							
		VMP-21-33-071112	7/11/2012																							
		VMP-21-33-100412	10/4/2012																							
		VMP-21-33-020513	2/5/2013																							
		VMP-21-33-051013	5/10/2013																							
		VMP-21-33-102113	10/21/2013																							
		VMP-21-33-102113-DUP	10/21/2013																							
		VMP-21-33-022414	2/24/2014																							
		VMP-21-33-022414-Dup	2/24/2014																							
		VMP-21-33-042114	4/21/2014																							
		VMP-21-33-072814	7/28/2014																							
		VMP-21-33-102714	10/27/2014																							
		VMP-21-33-102714-DUP	10/27/2014																							
		VMP-21-33-012715	1/27/2015																							
		VMP-21-33-072015	7/20/2015																							
		VMP-21-33-102315	10/23/2015																							
		VMP-21-33-102315-DUP	10/23/2015																							
		VMP-21-33-042716	4/27/2016																							
		VMP-21-33-072616	7/26/2016																							
		VMP-21-33-102416	10/24/2016																							
VMP-22	5 ft	VMP-22-5-021111	2/11/2011																							
		VMP-22-5-041811	4/18/2011																							
		VMP-22-5-072611	7/26/2011																							
		VMP-22-5-110111	11/1/2011																							
		VMP-22-5-012412	1/24/2012																							
		VMP-22-5-040912	4/9/2012																							
		VMP-22-5-070912	7/9/2012																							
		VMP-22-5-100312	10/3/2012																							
		VMP-22-5-100312-Dup	10/3/2012																							
		VMP-22-5-012413	1/24/2013																							
		VMP-22-5-041913	4/19/2013																							
		VMP-22-5-072313	7/23/2013																							
		VMP-22-5-072313-Dup	7/23/2013																							
		VMP-22-5-101813	10/18/2013																							
		VMP-22-5-021314	2/13/2014																							
		VMP-22-5-042214	4/22/2014																							
		VMP-22-5-072814	7/28/2014																							
		VMP-22-5-102414	10/24/2014																							
		VMP-22-5-012715	1/27/2015																							
		VMP-22-5-042715	4/27/2015																							
		VMP-22-5-072015	7/20/2015																							
		VMP-22-5-012616	1/26/2016																							
		VMP-22-5-042616	4/26/2016																							
		VMP-22-5-072216	7/22/2016																							
		VMP-22-5-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011																							
		VMP-22-10-041811	4/18/2011																							
		VMP-22-10-072611	7/26/2011																							
		VMP-22-10-072611-DUP	7/26/2011																							
		VMP-22-10-110211	11/2/2011																							
		VMP-22-10-012412	1/24/2012																							
		VMP-22-10-040912	4/9/2012																							
		VMP-22-10-070912	7/9/2012																							
		VMP-22-10-070912-Dup	7/9/2012																							
		VMP-22-10-100312	10/3/2012																							
		VMP-22-10-012413	1/24/2013																							
		VMP-22-10-041913	4/19/2013																							
		VMP-22-10-072313	7/23/2013																							
		VMP-22-10-101813	10/18/2013																							
		VMP-22-10-021314	2/13/2014																							
		VMP-22-10-042214	4/22/2014																							
		VMP-22-10-072814	7/28/2014																							
		VMP-22-10-102414	10/24/2014																							
		VMP-22-10-012715	1/27/2015																							
		VMP-22-10-042715	4/27/2015																							
		VMP-22-10-072015	7/20/2015																							
		VMP-22-10-102315	10/23/2015																							
		VMP-22-10-012616	1/26/2016																							
		VMP-22-10-042616	4/26/2016																							
		VMP-22-10-072216	7/22/2016																							
		VMP-22-10-102716	10/27/2016																							
	18 ft	VMP-22-18-021111	2/11/2011																							
		VMP-22-18-041811	4/18/2011																							
		VMP-22-18-072611	7/26/2011																							
		VMP-22-18-110511	11/5/2011																							
		VMP-22-18-012412	1/24/2012																							
		VMP-22-18-040912	4/9/2012																							
		VMP-22-18-070912	7/9/2012																							
		VMP-22-18-100412	10/4/2012																							
		VMP-22-18-012413	1/24/2013																							
		VMP-22-18-042213	4/22/2013																							
		VMP-22-18-072913	7/29/2013																							
		VMP-22-18-101813	10/18/2013																							
		VMP-22-18-021314	2/13/2014																							
		VMP-22-18-042214	4/22/2014																							
		VMP-22-18-072814	7/28/2014																							
		VMP-22-18-102414	10/24/2014																							
		VMP-22-18-012715	1/27/2015																							
		VMP-22-18-012715-DUP	1/27/2015																							
		VMP-22-18-042715	4/27/2015																							
		VMP-22-18-072015	7/20/2015																							
		VMP-22-18-102315	10/23/2015																							
		VMP-22-18-012616	1/26/2016																							
		VMP-22-18-042616	4/26/2016																							
		VMP-22-18-072216	7/22/2016																							
		VMP-22-18-102716	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-22	38 ft	VMP-22-38-041811	4/18/2011																							
		VMP-22-38-012512	1/25/2012																							
		VMP-22-38-040912	4/9/2012																							
		VMP-22-38-070912	7/9/2012																							
		VMP-22-38-100412	10/4/2012																							
		VMP-22-38-012413	1/24/2013																							
		VMP-22-38-042213	4/22/2013																							
		VMP-22-38-072913	7/29/2013																							
		VMP-22-38-101813	10/18/2013																							
		VMP-22-38-021314	2/13/2014																							
		VMP-22-38-021314-Dup	2/13/2014																							
		VMP-22-38-042214	4/22/2014																							
		VMP-22-38-072814	7/28/2014																							
		VMP-22-38-072814-DUP	7/28/2014																							
		VMP-22-38-102414	10/24/2014																							
		VMP-22-38-102414-DUP	10/24/2014																							
		VMP-22-38-012715	1/27/2015																							
		VMP-22-38-042715	4/27/2015																							
		VMP-22-38-042715-DUP	4/27/2015																							
		VMP-22-38-072015	7/20/2015																							
		VMP-22-38-072015-DUP	7/20/2015																							
		VMP-22-38-102315	10/23/2015																							
		VMP-22-38-012616-DUP	1/26/2016																							
		VMP-22-38-042616	4/26/2016																							
		VMP-22-38-072216	7/22/2016																							
		VMP-22-38-072216-DUP	7/22/2016																							
		VMP-22-38-102716	10/27/2016																							
		VMP-22-38-102716-Dup	10/27/2016																							
VMP-23	5 ft	VMP-23-5-021511	2/15/2011																							
		VMP-23-5-042111	4/21/2011																							
		VMP-23-5-072711	7/27/2011																							
		VMP-23-5-110211	11/2/2011																							
		VMP-23-5-012512	1/25/2012																							
		VMP-23-5-040912	4/9/2012																							
		VMP-23-5-070912	7/9/2012																							
		VMP-23-5-100312	10/3/2012																							
		VMP-23-5-012413	1/24/2013																							
		VMP-23-5-042213	4/22/2013																							
		VMP-23-5-072313	7/23/2013																							
		VMP-23-5-101813	10/18/2013																							
		VMP-23-5-021314	2/13/2014																							
		VMP-23-5-042114	4/21/2014																							
		VMP-23-5-080514	8/5/2014																							
		VMP-23-5-102414	10/24/2014																							
		VMP-23-5-012715	1/27/2015																							
		VMP-23-5-042715	4/27/2015																							
		VMP-23-5-072015	7/20/2015																							
		VMP-23-5-102615	10/26/2015																							
		VMP-23-5-012516	1/25/2016																							
		VMP-23-5-062816	6/28/2016																							
		VMP-23-5-072216	7/22/2016																							
		VMP-23-5-101916	10/19/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011																							
		VMP-23-10-042111	4/21/2011																							
		VMP-23-10-072711	7/27/2011																							
		VMP-23-10-110211	11/2/2011																							
		VMP-23-10-012512	1/25/2012																							
		VMP-23-10-040912	4/9/2012																							
		VMP-23-10-040912-Dup	4/9/2012																							
		VMP-23-10-070912	7/9/2012																							
		VMP-23-10-100312	10/3/2012																							
		VMP-23-10-012413	1/24/2013																							
		VMP-23-10-042213	4/22/2013																							
		VMP-23-10-072313	7/23/2013																							
		VMP-23-10-101813	10/18/2013																							
		VMP-23-10-101813-DUP	10/18/2013																							
		VMP-23-10-021314	2/13/2014																							
		VMP-23-10-042114	4/21/2014																							
		VMP-23-10-080514	8/5/2014																							
		VMP-23-10-102414	10/24/2014																							
		VMP-23-10-012715	1/27/2015																							
		VMP-23-10-042715	4/27/2015																							
		VMP-23-10-072015	7/20/2015																							
		VMP-23-10-102615	10/26/2015																							
		VMP-23-10-012516	1/25/2016																							
		VMP-23-10-062816	6/28/2016																							
		VMP-23-10-072216	7/22/2016																							
		VMP-23-10-101916	10/19/2016																							
	25 ft	VMP-23-25-021511	2/15/2011																							
		VMP-23-25-042111	4/21/2011																							
		VMP-23-25-072711	7/27/2011																							
		VMP-23-25-110511	11/5/2011																							
		VMP-23-25-012512	1/25/2012																							
		VMP-23-25-040912	4/9/2012																							
		VMP-23-25-071012	7/10/2012																							
		VMP-23-25-100312	10/3/2012																							
		VMP-23-25-012413	1/24/2013																							
		VMP-23-25-042213	4/22/2013																							
		VMP-23-25-072313	7/23/2013																							
		VMP-23-25-102113	10/21/2013																							
		VMP-23-25-021314	2/13/2014																							
		VMP-23-25-042114	4/21/2014																							
		VMP-23-25-080514	8/5/2014																							
		VMP-23-25-102414	10/24/2014																							
		VMP-23-25-012715	1/27/2015																							
		VMP-23-25-042715	4/27/2015																							
		VMP-23-25-072015	7/20/2015																							
		VMP-23-25-102615	10/26/2015																							
		VMP-23-25-012516	1/25/2016																							
		VMP-23-25-062816	6/28/2016																							
		VMP-23-25-072216	7/22/2016																							
		VMP-23-25-101916	10/19/2016																							
	40 ft	VMP-23-40-071012	7/10/2012																							
		VMP-23-40-100312	10/3/2012																							
		VMP-23-40-012413	1/24/2013																							
		VMP-23-40-042213	4/22/2013																							
		VMP-23-40-042213-Dup	4/22/2013																							
		VMP-23-40-102113	10/21/2013																							
		VMP-23-40-021314	2/13/2014																							
		VMP-23-40-042114	4/21/2014																							
		VMP-23-40-080514	8/5/2014																							
		VMP-23-40-102414	10/24/2014																							
		VMP-23-40-012715	1/27/2015																							
		VMP-23-40-042715	4/27/2015																							
		VMP-23-40-072015	7/20/2015																							
		VMP-23-40-102615	10/26/2015																							
		VMP-23-40-102615-DUP	10/26/2015																							
		VMP-23-40-012516	1/25/2016																							
		VMP-23-40-072216	7/22/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-021611	2/16/2011																							
		VMP-24-5-040811	4/8/2011																							
		VMP-24-5-072811	7/28/2011																							
		VMP-24-5-110211	11/2/2011																							
		VMP-24-5-110211-DUP	11/2/2011																							
		VMP-24-5-012512	1/25/2012																							
		VMP-24-5-040912	4/9/2012																							
		VMP-24-5-071212	7/12/2012																							
		VMP-24-5-101912	10/19/2012																							
		VMP-24-5-012313	1/23/2013																							
		VMP-24-5-050113	5/1/2013																							
		VMP-24-5-073113	7/31/2013																							
		VMP-24-5-102113	10/21/2013																							
		VMP-24-5-020614	2/6/2014																							
		VMP-24-5-042114	4/21/2014																							
		VMP-24-5-072814	7/28/2014																							
		VMP-24-5-102714	10/27/2014																							
		VMP-24-5-020215	2/2/2015																							
		VMP-24-5-042715	4/27/2015																							
		VMP-24-5-072115	7/21/2015																							
		VMP-24-5-102915	10/29/2015																							
		VMP-24-5-012716	1/27/2016																							
		VMP-24-5-042916	4/29/2016																							
		VMP-24-5-072716	7/27/2016																							
		VMP-24-5-102816	10/28/2016																							
	10 ft	VMP-24-10-021711	2/17/2011																							
		VMP-24-10-041111	4/11/2011																							
		VMP-24-10-072811	7/28/2011																							
		VMP-24-10-110211	11/2/2011																							
		VMP-24-10-012512	1/25/2012																							
		VMP-24-10-041012	4/10/2012																							
		VMP-24-10-071212	7/12/2012																							
		VMP-24-10-100912	10/9/2012																							
		VMP-24-10-012313	1/23/2013																							
		VMP-24-10-042513	4/25/2013																							
		VMP-24-10-073113	7/31/2013																							
		VMP-24-10-102113	10/21/2013																							
		VMP-24-10-020614	2/6/2014																							
		VMP-24-10-042114	4/21/2014																							
		VMP-24-10-072814	7/28/2014																							
		VMP-24-10-102714	10/27/2014																							
		VMP-24-10-020215	2/2/2015																							
		VMP-24-10-042715	4/27/2015																							
		VMP-24-10-072115	7/21/2015																							
		VMP-24-10-102915	10/29/2015																							
		VMP-24-10-012716	1/27/2016																							
		VMP-24-10-042916	4/29/2016																							
		VMP-24-10-072716	7/27/2016																							
		VMP-24-10-102816	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011																							
		VMP-24-22-041111	4/11/2011																							
		VMP-24-22-072811	7/28/2011																							
		VMP-24-22-072811-Dup	7/28/2011																							
		VMP-24-22-110611	11/6/2011																							
		VMP-24-22-012512	1/25/2012																							
		VMP-24-22-041012	4/10/2012																							
		VMP-24-22-071212	7/12/2012																							
		VMP-24-22-100912	10/9/2012																							
		VMP-24-22-012313	1/23/2013																							
		VMP-24-22-042513	4/25/2013																							
		VMP-24-22-042513-Dup	4/25/2013																							
		VMP-24-22-073113	7/31/2013																							
		VMP-24-22-102213	10/22/2013																							
		VMP-24-22-020614	2/6/2014																							
		VMP-24-22-042114	4/21/2014																							
		VMP-24-22-072814	7/28/2014																							
		VMP-24-22-102714	10/27/2014																							
		VMP-24-22-020215	2/2/2015																							
		VMP-24-22-042715	4/27/2015																							
		VMP-24-22-072115	7/21/2015																							
		VMP-24-22-082415	8/24/2015																							
		VMP-24-22-082415-DUP	8/24/2015																							
		VMP-24-22-102915	10/29/2015																							
		VMP-24-22-012716	1/27/2016																							
		VMP-24-22-042916	4/29/2016																							
		VMP-24-22-072716	7/27/2016																							
		VMP-24-22-102816	10/28/2016																							
	34 ft	VMP-24-34-021711	2/17/2011																							
		VMP-24-34-041111	4/11/2011																							
		VMP-24-34-072811	7/28/2011																							
		VMP-24-34-110611	11/6/2011																							
		VMP-24-34-012512	1/25/2012																							
		VMP-24-34-041012	4/10/2012																							
		VMP-24-34-071212	7/12/2012																							
		VMP-24-34-100912	10/9/2012																							
		VMP-24-34-012313	1/23/2013																							
		VMP-24-34-050613	5/6/2013																							
		VMP-24-34-073113	7/31/2013																							
		VMP-24-34-073113-Dup	7/31/2013																							
		VMP-24-34-102213	10/22/2013																							
		VMP-24-34-020614	2/6/2014																							
		VMP-24-34-042114	4/21/2014																							
		VMP-24-34-072814	7/28/2014																							
		VMP-24-34-072814-DUP	7/28/2014																							
		VMP-24-34-102714	10/27/2014																							
		VMP-24-34-102714-DUP	10/27/2014																							
		VMP-24-34-020215	2/2/2015																							
		VMP-24-34-020215-DUP	2/2/2015																							
		VMP-24-34-042715	4/27/2015																							
		VMP-24-34-072115	7/21/2015																							
		VMP-24-34-072115-DUP	7/21/2015																							
		VMP-24-34-102915	10/29/2015																							
		VMP-24-34-012716	1/27/2016																							
		VMP-24-34-042916	4/29/2016																							
		VMP-24-34-072716	7/27/2016																							
		VMP-24-34-072716-DUP	7/27/2016																							
		VMP-24-34-102816	10/28/2016																							
		VMP-24-34-102816-Dup	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-25	5 ft	VMP-25-5-031511	3/15/2011																							
		VMP-25-5-040811	4/8/2011																							
		VMP-25-5-080911	8/9/2011																							
		VMP-25-5-111711	11/17/2011																							
		VMP-25-5-013112	1/31/2012																							
		VMP-25-5-042512	4/25/2012																							
		VMP-25-5-072612	7/26/2012																							
		VMP-25-5-102612	10/26/2012																							
		VMP-25-5-030613	3/6/2013																							
		VMP-25-5-051713	5/17/2013																							
		VMP-25-5-081513	8/15/2013																							
		VMP-25-5-081513-Dup	8/15/2013																							
		VMP-25-5-111313	11/13/2013																							
		VMP-25-5-050114	5/1/2014																							
		VMP-25-5-081414	8/14/2014																							
		VMP-25-5-110514	11/5/2014																							
		VMP-25-5-021115	2/11/2015																							
		VMP-25-5-050715	5/7/2015																							
		VMP-25-5-073015	7/30/2015																							
		VMP-25-5-110515	11/5/2015																							
		VMP-25-5-021616	2/16/2016																							
		VMP-25-5-050416	5/4/2016																							
		VMP-25-5-080316	8/3/2016																							
		VMP-25-5-103116	10/31/2016																							
	21 ft	VMP-25-21-031511	3/15/2011																							
		VMP-25-21-031511-DUP	3/15/2011																							
		VMP-25-21-040811	4/8/2011																							
		VMP-25-21-040811-DUP	4/8/2011																							
		VMP-25-21-080911	8/9/2011																							
		VMP-25-21-111711	11/17/2011																							
		VMP-25-21-111711-DUP	11/17/2011																							
		VMP-25-21-013112	1/31/2012																							
		VMP-25-21-013112-DUP	2/1/2012																							
		VMP-25-21-042512	4/25/2012																							
		VMP-25-21-072612	7/26/2012																							
		VMP-25-21-102612	10/26/2012																							
		VMP-25-21-030613	3/6/2013																							
		VMP-25-21-051713	5/17/2013																							
		VMP-25-21-081513	8/15/2013																							
		VMP-25-21-111313	11/13/2013																							
		VMP-25-21-111313-Dup	11/13/2013																							
		VMP-25-21-050114	5/1/2014																							
		VMP-25-21-081414	8/14/2014																							
		VMP-25-21-110514	11/5/2014																							
		VMP-25-21-021115	2/11/2015																							
		VMP-25-21-050715	5/7/2015																							
		VMP-25-21-073015	7/30/2015																							
		VMP-25-21-110515	11/5/2015																							
		VMP-25-21-050416	5/4/2016																							
		VMP-25-21-080316	8/3/2016																							
		VMP-25-21-103116	10/31/2016																							
		VMP-25-21-103116-Dup	10/31/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-25	31 ft	VMP-25-31-030613	3/6/2013																							
		VMP-25-31-081513	8/15/2013																							
		VMP-25-31-111313	11/13/2013																							
		VMP-25-31-050114	5/1/2014																							
		VMP-25-31-081414	8/14/2014																							
		VMP-25-31-110514	11/5/2014																							
		VMP-25-31-021115	2/11/2015																							
		VMP-25-31-021115-DUP	2/11/2015																							
		VMP-25-31-050715	5/7/2015																							
		VMP-25-31-050715-DUP	5/7/2015																							
		VMP-25-31-073015	7/30/2015																							
		VMP-25-31-073015-DUP	7/30/2015																							
		VMP-25-31-110515	11/5/2015																							
		VMP-25-31-021616	2/16/2016																							
		VMP-25-31-021616-DUP	2/16/2016																							
		VMP-25-31-050416	5/4/2016																							
		VMP-25-31-080316	8/3/2016																							
		VMP-25-31-080316-DUP	8/3/2016																							
		VMP-25-31-103116	10/31/2016																							
VMP-29	10 ft	VMP-29-10-073012	7/30/2012																							
		VMP-29-10-100812	10/8/2012																							
		VMP-29-10-020613	2/6/2013																							
		VMP-29-10-050613	5/6/2013																							
		VMP-29-10-080513	8/5/2013																							
		VMP-29-10-083013	8/30/2013																							
		VMP-29-10-102513	10/25/2013																							
		VMP-29-10-021214	2/12/2014																							
		VMP-29-10-042914	4/29/2014																							
		VMP-29-10-081214	8/12/2014																							
		VMP-29-10-110314	11/3/2014																							
		VMP-29-10-020515	2/5/2015																							
		VMP-29-10-050615	5/6/2015																							
		VMP-29-10-072715	7/27/2015																							
		VMP-29-10-103015	10/30/2015																							
		VMP-29-10-012716	1/27/2016																							
		VMP-29-10-050216	5/2/2016																							
		VMP-29-10-072816	7/28/2016																							
		VMP-29-10-120916	12/9/2016																							
	20 ft	VMP-29-20-073012	7/30/2012																							
		VMP-29-20-073012-Dup	7/30/2012																							
		VMP-29-20-100812	10/8/2012																							
		VMP-29-20-020613	2/6/2013																							
		VMP-29-20-050613	5/6/2013																							
		VMP-29-20-080513	8/5/2013																							
		VMP-29-20-102513	10/25/2013																							
		VMP-29-20-021214	2/12/2014																							
		VMP-29-20-042914	4/29/2014																							
		VMP-29-20-081214	8/12/2014																							
		VMP-29-20-110314	11/3/2014																							
		VMP-29-20-020515	2/5/2015																							
		VMP-29-20-050615	5/6/2015																							
		VMP-29-20-072715	7/27/2015																							
		VMP-29-20-103015	10/30/2015																							
	18 ft	VMP-29-20-020416-R	2/4/2016																							
		VMP-29-20-050216	5/2/2016																							
		VMP-29-20-072816	7/28/2016																							
		VMP-29-18-110316	11/3/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-29	26 ft	VMP-29-30-073012	7/30/2012																							
		VMP-29-30-100812	10/8/2012																							
		VMP-29-30-020613	2/6/2013																							
		VMP-29-30-050613	5/6/2013																							
		VMP-29-30-080513	8/5/2013																							
		VMP-29-30-080513-Dup	8/5/2013																							
		VMP-29-30-102513	10/25/2013																							
		VMP-29-30-021214	2/12/2014																							
		VMP-29-30-042914	4/29/2014																							
		VMP-29-30-081214	8/12/2014																							
		VMP-29-30-111214-R	11/12/2014																							
		VMP-29-30-111214-R-DUP	11/12/2014																							
		VMP-29-30-020615	2/6/2015																							
		VMP-29-30-050615	5/6/2015																							
		VMP-29-30-050615-DUP	5/6/2015																							
		VMP-29-30-080315	8/3/2015																							
		VMP-29-30-103015	10/30/2015																							
		VMP-29-30-012716	1/27/2016																							
		VMP-29-30-050216	5/2/2016																							
		VMP-29-30-072816	7/28/2016																							
		VMP-29-26-110316	11/3/2016																							
		VMP-29-26-110316-Dup	11/3/2016																							
VMP-30	10 ft	VMP-30-10-073012	7/30/2012																							
		VMP-30-10-100812	10/8/2012																							
		VMP-30-10-020613	2/6/2013																							
		VMP-30-10-050613	5/6/2013																							
		VMP-30-10-080513	8/5/2013																							
		VMP-30-10-102813	10/28/2013																							
		VMP-30-10-021214	2/12/2014																							
		VMP-30-10-042914	4/29/2014																							
		VMP-30-10-080814	8/8/2014																							
		VMP-30-10-110414	11/4/2014																							
		VMP-30-10-020615	2/6/2015																							
		VMP-30-10-050515	5/5/2015																							
		VMP-30-10-072715	7/27/2015																							
		VMP-30-10-103015	10/30/2015																							
		VMP-30-10-020416	2/4/2016																							
		VMP-30-10-050216	5/2/2016																							
		VMP-30-10-072816	7/28/2016																							
		VMP-30-10-110316	11/3/2016																							
	18 ft	VMP-30-20-073012	7/30/2012																							
		VMP-30-20-100812	10/8/2012																							
		VMP-30-20-020613	2/6/2013																							
		VMP-30-20-050613	5/6/2013																							
		VMP-30-20-080513	8/5/2013																							
		VMP-30-20-102813	10/28/2013																							
		VMP-30-20-021214	2/12/2014																							
		VMP-30-20-042914	4/29/2014																							
		VMP-30-20-080814	8/8/2014																							
		VMP-30-20-110414	11/4/2014																							
		VMP-30-20-020615	2/6/2015																							
		VMP-30-20-050515	5/5/2015																							
		VMP-30-20-072715	7/27/2015																							
		VMP-30-20-103015	10/30/2015																							
		VMP-30-20-012716	1/27/2016																							
		VMP-30-20-050216	5/2/2016																							
		VMP-30-20-072816	7/28/2016																							
		VMP-30-18-110316	11/3/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-30	26 ft	VMP-30-30-073012	7/30/2012																							
		VMP-30-30-100812	10/8/2012																							
		VMP-30-30-020613	2/6/2013																							
		VMP-30-30-050613	5/6/2013																							
		VMP-30-30-081413	8/14/2013																							
		VMP-30-30-102813	10/28/2013																							
		VMP-30-30-021214	2/12/2014																							
		VMP-30-30-042914	4/29/2014																							
		VMP-30-30-042914-DUP	4/29/2014																							
		VMP-30-30-080814	8/8/2014																							
		VMP-30-30-110414	11/4/2014																							
		VMP-30-30-020615	2/6/2015																							
		VMP-30-30-050515	5/5/2015																							
		VMP-30-30-050515-DUP	5/5/2015																							
		VMP-30-30-072715	7/27/2015																							
		VMP-30-30-103015	10/30/2015																							
		VMP-30-30-012716	1/27/2016																							
		VMP-30-30-050216	5/2/2016																							
		VMP-30-30-072816	7/28/2016																							
		VMP-30-30-072816-DUP	7/28/2016																							
		VMP-30-26-110316	11/3/2016																							
VMP-31	5 ft	VMP-31-5-042512	4/25/2012																							
		VMP-31-5-072012	7/20/2012																							
		VMP-31-5-102612	10/26/2012																							
		VMP-31-5-021113	2/11/2013																							
		VMP-31-5-051513	5/15/2013																							
		VMP-31-5-022614	2/26/2014																							
	10 ft	VMP-31-10-042512	4/25/2012																							
		VMP-31-10-072612	7/26/2012																							
		VMP-31-10-102612	10/26/2012																							
		VMP-31-10-021313	2/13/2013																							
		VMP-31-10-051713	5/17/2013																							
		VMP-31-10-111313	11/13/2013																							
		VMP-31-10-022714	2/27/2014																							
	20 ft	VMP-31-20-101912	10/19/2012																							
		VMP-31-20-021113	2/11/2013																							
		VMP-31-20-111213	11/12/2013																							
	30 ft	VMP-31-30-042512	4/25/2012																							
		VMP-31-30-042512-Dup	4/25/2012																							
		VMP-31-30-072012	7/20/2012																							
		VMP-31-30-101912	10/19/2012																							
		VMP-31-30-021113	2/11/2013																							
		VMP-31-30-050713	5/7/2013																							
		VMP-31-30-080913	8/9/2013																							
		VMP-31-30-111213	11/12/2013																							
		VMP-31-30-022614	2/26/2014																							
VMP-32	5 ft	VMP-32-5-042512	4/25/2012																							
		VMP-32-5-072012	7/20/2012																							
		VMP-32-5-101812	10/18/2012																							
		VMP-32-5-020513	2/5/2013																							
		VMP-32-5-050713	5/7/2013																							
		VMP-32-5-080213	8/2/2013																							
		VMP-32-5-110813	11/8/2013																							
		VMP-32-5-050114	5/1/2014																							
		VMP-32-5-081314	8/13/2014																							
		VMP-32-5-110714	11/7/2014																							
		VMP-32-5-021015	2/10/2015																							
		VMP-32-5-073115	7/31/2015																							
		VMP-32-5-082415	8/24/2015																							
		VMP-32-5-110415	11/4/2015																							
		VMP-32-5-012616	1/26/2016																							
		VMP-32-5-042716	4/27/2016																							
		VMP-32-5-072616	7/26/2016																							
		VMP-32-5-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-32	10 ft	VMP-32-10-041612	4/16/2012																							
		VMP-32-10-072012	7/20/2012																							
		VMP-32-10-101812	10/18/2012																							
		VMP-32-10-020513	2/5/2013																							
		VMP-32-10-050713	5/7/2013																							
		VMP-32-10-080213	8/2/2013																							
		VMP-32-10-082313-R	8/23/2013																							
		VMP-32-10-082313-R-DUP	8/23/2013																							
		VMP-32-10-110813	11/8/2013																							
		VMP-32-10-022814	2/28/2014																							
		VMP-32-10-050114	5/1/2014																							
		VMP-32-10-081314	8/13/2014																							
		VMP-32-10-110714	11/7/2014																							
		VMP-32-10-021015	2/10/2015																							
		VMP-32-10-051115	5/11/2015																							
		VMP-32-10-052915-R	5/29/2015																							
		VMP-32-10-110415	11/4/2015																							
		VMP-32-10-012616	1/26/2016																							
		VMP-32-10-042716	4/27/2016																							
		VMP-32-10-072616	7/26/2016																							
		VMP-32-10-102716	10/27/2016																							
	20 ft	VMP-32-20-041612	4/16/2012																							
		VMP-32-20-072012	7/20/2012																							
		VMP-32-20-101812	10/18/2012																							
		VMP-32-20-020513	2/5/2013																							
		VMP-32-20-050713	5/7/2013																							
		VMP-32-20-050713-Dup	5/7/2013																							
		VMP-32-20-080213	8/2/2013																							
		VMP-32-20-110813	11/8/2013																							
		VMP-32-20-022814	2/28/2014																							
		VMP-32-20-050514	5/5/2014																							
		VMP-32-20-081314	8/13/2014																							
		VMP-32-20-110714	11/7/2014																							
		VMP-32-20-021015	2/10/2015																							
		VMP-32-20-051115	5/11/2015																							
		VMP-32-20-080315	8/3/2015																							
		VMP-32-20-110415	11/4/2015																							
		VMP-32-20-110415-DUP	11/4/2015																							
		VMP-32-20-021616	2/16/2016																							
		VMP-32-20-042716	4/27/2016																							
		VMP-32-20-082616-R	8/29/2016																							
		VMP-32-20-102716	10/27/2016																							
	30 ft	VMP-32-30-041612	4/16/2012																							
		VMP-32-30-072012	7/20/2012																							
		VMP-32-30-101812	10/18/2012																							
		VMP-32-30-020513	2/5/2013																							
		VMP-32-30-050713	5/7/2013																							
		VMP-32-30-080213	8/2/2013																							
		VMP-32-30-110813	11/8/2013																							
		VMP-32-30-022814	2/28/2014																							
		VMP-32-30-022814-Dup	2/28/2014																							
		VMP-32-30-050114	5/1/2014																							
		VMP-32-30-081314	8/13/2014																							
		VMP-32-30-081314-DUP	8/13/2014																							
		VMP-32-30-110714	11/7/2014																							
		VMP-32-30-110714-DUP	11/7/2014																							
		VMP-32-30-021015	2/10/2015																							
		VMP-32-30-050515	5/5/2015																							
		VMP-32-30-073115	7/31/2015																							
		VMP-32-30-073115-DUP	7/31/2015																							
		VMP-32-30-082415	8/24/2015																							
		VMP-32-30-082415-DUP	8/24/2015																							
		VMP-32-30-110415	11/4/2015																							
		VMP-32-30-020216	2/2/2016																							
		VMP-32-30-042716	4/27/2016																							
		VMP-32-30-072616	7/26/2016																							
		VMP-32-30-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072712	7/27/2012																							
		VMP-41-10-100912	10/9/2012																							
		VMP-41-10-012913	1/29/2013																							
		VMP-41-10-043013	4/30/2013																							
		VMP-41-10-080213	8/2/2013																							
		VMP-41-10-102913	10/29/2013																							
		VMP-41-10-021114	2/11/2014																							
		VMP-41-10-042214	4/22/2014																							
		VMP-41-10-073114	7/31/2014																							
		VMP-41-10-102814	10/28/2014																							
		VMP-41-10-020415	2/4/2015																							
		VMP-41-10-020415-DUP	2/4/2015																							
		VMP-41-10-043015	4/30/2015																							
		VMP-41-10-072815	7/28/2015																							
		VMP-41-10-110215	11/2/2015																							
		VMP-41-10-012716	1/27/2016																							
		VMP-41-10-050216	5/2/2016																							
		VMP-41-10-072816	7/28/2016																							
		VMP-41-10-102416	10/24/2016																							
	20 ft	VMP-41-20-072712	7/27/2012																							
		VMP-41-20-072712-Dup	7/27/2012																							
		VMP-41-20-100912	10/9/2012																							
		VMP-41-20-100912-Dup	10/9/2012																							
		VMP-41-20-012913	1/29/2013																							
		VMP-41-20-043013	4/30/2013																							
		VMP-41-20-043013-Dup	4/30/2013																							
		VMP-41-20-080213	8/2/2013																							
		VMP-41-20-102913	10/29/2013																							
		VMP-41-20-021114	2/11/2014																							
		VMP-41-20-042214	4/22/2014																							
		VMP-41-20-073114	7/31/2014																							
		VMP-41-20-102814	10/28/2014																							
		VMP-41-20-020415	2/4/2015																							
		VMP-41-20-043015	4/30/2015																							
		VMP-41-20-072815	7/28/2015																							
		VMP-41-20-110215	11/3/2015																							
		VMP-41-20-012716	1/27/2016																							
		VMP-41-20-050216	5/2/2016																							
		VMP-41-20-072816	7/28/2016																							
		VMP-41-20-102416	10/24/2016																							
	26 ft	VMP-41-30-100912	10/9/2012																							
		VMP-41-30-012913	1/29/2013																							
		VMP-41-30-043013	4/30/2013																							
		VMP-41-30-080213	8/2/2013																							
		VMP-41-30-102913	10/29/2013																							
		VMP-41-30-021114	2/11/2014																							
		VMP-41-30-021114-Dup	2/11/2014																							
		VMP-41-30-042214	4/22/2014																							
		VMP-41-30-073114	7/31/2014																							
		VMP-41-30-102814	10/28/2014																							
		VMP-41-30-020415	2/4/2015																							
		VMP-41-30-043015	4/30/2015																							
		VMP-41-30-043015-DUP	4/30/2015																							
		VMP-41-30-110215	11/2/2015																							
		VMP-41-30-110215-DUP	11/2/2015																							
		VMP-41-30-012716	1/27/2016																							
		VMP-41-30-012716-DUP	1/27/2016																							
		VMP-41-30-050216	5/2/2016																							
		VMP-41-30-072816	7/28/2016																							
		VMP-41-30-072816-DUP	7/28/2016																							
		VMP-41-26-102416	10/24/2016																							
		VMP-41-30-072712	7/27/2012																							
		VMP-41-30-072815	7/28/2015																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-041812	4/18/2012																							
		VMP-42-10-041812-Dup	4/18/2012																							
		VMP-42-10-071912	7/19/2012																							
		VMP-42-10-101212	10/12/2012																							
		VMP-42-10-013113	1/31/2013																							
		VMP-42-10-043013	4/30/2013																							
		VMP-42-20-043013	4/30/2013																							
		VMP-42-10-080213	8/2/2013																							
		VMP-42-10-102913	10/29/2013																							
		VMP-42-10-020714	2/7/2014																							
		VMP-42-10-042214	4/22/2014																							
		VMP-42-10-080614	8/6/2014																							
		VMP-42-10-110414	11/4/2014																							
		VMP-42-10-020315	2/3/2015																							
		VMP-42-10-042915	4/29/2015																							
		VMP-42-10-072115	7/21/2015																							
		VMP-42-10-102715	10/27/2015																							
		VMP-42-10-020116	2/1/2016																							
		VMP-42-10-042616	4/26/2016																							
		VMP-42-10-072616	7/26/2016																							
		VMP-42-10-102716	10/27/2016																							
	20 ft	VMP-42-20-041812	4/18/2012																							
		VMP-42-20-071912	7/19/2012																							
		VMP-42-20-101212	10/12/2012																							
		VMP-42-20-101212-Dup	10/12/2012																							
		VMP-42-20-013113	1/31/2013																							
		VMP-42-20-080213	8/2/2013																							
		VMP-42-20-102913	10/29/2013																							
		VMP-42-20-020714	2/7/2014																							
		VMP-42-20-042214	4/22/2014																							
		VMP-42-20-080614	8/6/2014																							
		VMP-42-20-110414	11/4/2014																							
		VMP-42-20-020315	2/3/2015																							
		VMP-42-20-042915	4/29/2015																							
		VMP-42-20-072115	7/21/2015																							
		VMP-42-20-102715	10/27/2015																							
		VMP-42-20-020116	2/1/2016																							
		VMP-42-20-042616	4/26/2016																							
		VMP-42-20-072616	7/26/2016																							
		VMP-42-20-102676	10/27/2016																							
	30 ft	VMP-42-30-041912	4/19/2012																							
		VMP-42-30-071912	7/19/2012																							
		VMP-42-30-101212	10/12/2012																							
		VMP-42-30-101212-Dup	10/12/2012																							
		VMP-42-30-013113	1/31/2013																							
		VMP-42-30-043013	4/30/2013																							
		VMP-42-30-080213	8/2/2013																							
		VMP-42-30-102913	10/29/2013																							
		VMP-42-30-102913-Dup	10/29/2013																							
		VMP-42-30-020714	2/7/2014																							
		VMP-42-30-020714-Dup	2/7/2014																							
		VMP-42-30-042214	4/22/2014																							
		VMP-42-30-042214-Dup	4/22/2014																							
		VMP-42-30-080614	8/6/2014																							
		VMP-42-30-110414	11/4/2014																							
		VMP-42-30-020315	2/3/2015																							
		VMP-42-30-042915	4/29/2015																							
		VMP-42-30-080315	8/3/2015																							
		VMP-42-30-080315-DUP	8/3/2015																							
		VMP-42-30-102715	10/27/2015																							
		VMP-42-30-020116	2/1/2016																							
		VMP-42-30-042616	4/26/2016																							
		VMP-42-30-072616	7/26/2016																							
		VMP-42-30-102716	10/27/2016																							
		VMP-42-30-102716-Dup	10/27/2016																							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012																							
		VMP-43-10-071912	7/19/2012																							
		VMP-43-10-101612	10/16/2012																							
		VMP-43-10-051713	5/17/2013																							
		VMP-43-10-080913	8/9/2013																							
		VMP-43-10-111313	11/13/2013																							
		VMP-43-10-022714	2/27/2014																							
		VMP-43-10-050514	5/5/2014																							
		VMP-43-10-080614	8/6/2014																							
		VMP-43-10-021015	2/10/2015																							
		VMP-43-10-050515	5/5/2015																							
		VMP-43-10-072115	7/21/2015																							
		VMP-43-10-102915	10/29/2015																							
		VMP-43-10-020116	2/1/2016																							
		VMP-43-10-042716	4/27/2016																							
		VMP-43-10-072716	7/27/2016																							
		VMP-43-10-102616	10/26/2016																							
	20 ft	VMP-43-20-041612	4/16/2012																							
		VMP-43-20-071912	7/19/2012																							
		VMP-43-20-101812	10/18/2012																							
		VMP-43-20-012413	1/24/2013																							
		VMP-43-20-043013	4/30/2013																							
		VMP-43-20-080913	8/9/2013																							
		VMP-43-20-102913	10/29/2013																							
		VMP-43-20-022714	2/27/2014																							
		VMP-43-20-081314	8/13/2014																							
		VMP-43-20-110614	11/6/2014																							
		VMP-43-20-021215	2/12/2015																							
		VMP-43-20-021215-DUP	2/12/2015																							
		VMP-43-20-050515	5/5/2015																							
		VMP-43-20-072115	7/21/2015																							
		VMP-43-20-102915	10/29/2015																							
		VMP-43-20-102915-DUP	10/29/2015																							
		VMP-43-20-020116	2/1/2016																							
		VMP-43-20-042716	4/27/2016																							
		VMP-43-20-072716	7/27/2016																							
		VMP-43-20-102616	10/26/2016																							
	30 ft	VMP-43-30-042312	4/23/2012																							
		VMP-43-30-071912	7/19/2012																							
		VMP-43-30-101812	10/18/2012																							
		VMP-43-30-012413	1/24/2013																							
		VMP-43-30-043013	4/30/2013																							
		VMP-43-30-080913	8/9/2013																							
		VMP-43-30-102913	10/29/2013																							
		VMP-43-30-022714	2/27/2014																							
		VMP-43-30-022714-Dup	2/27/2014																							
		VMP-43-30-042214	4/22/2014																							
		VMP-43-30-080614	8/6/2014																							
		VMP-43-30-050515	5/5/2015																							
		VMP-43-30-050515-DUP	5/5/2015																							
		VMP-43-30-072115	7/21/2015																							
		VMP-43-30-102915	10/29/2015																							
		VMP-43-30-020116	2/1/2016																							
		VMP-43-30-042716	4/27/2016																							
		VMP-43-30-042716-DUP	4/27/2016																							
		VMP-43-30-072716	7/27/2016																							
		VMP-43-30-102616	10/26/2016																							
		VMP-43-30-102616-Dup	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-041912	4/19/2012																							
		VMP-44-10-072012	7/20/2012																							
		VMP-44-10-081012	8/10/2012																							
		VMP-44-10-101212	10/12/2012																							
		VMP-44-10-012513	1/25/2013																							
		VMP-44-10-042913	4/29/2013																							
		VMP-44-10-080213	8/2/2013																							
		VMP-44-10-082313-R	8/23/2013																							
		VMP-44-10-111113	11/11/2013																							
		VMP-44-10-022814	2/28/2014																							
		VMP-44-10-043014	4/30/2014																							
		VMP-44-10-080614	8/6/2014																							
		VMP-44-10-110414	11/4/2014																							
		VMP-44-10-020415	2/4/2015																							
		VMP-44-10-050115	5/1/2015																							
		VMP-44-10-072415	7/24/2015																							
		VMP-44-10-102815	10/28/2015																							
		VMP-44-10-012516	1/25/2016																							
		VMP-44-10-042816	4/28/2016																							
		VMP-44-10-072716	7/27/2016																							
		VMP-44-10-102716	10/27/2016																							
	20 ft	VMP-44-20-041912	4/19/2012																							
		VMP-44-20-072512	7/25/2012																							
		VMP-44-20-101212	10/12/2012																							
		VMP-44-20-012513	1/25/2013																							
		VMP-44-20-042913	4/29/2013																							
		VMP-44-20-081313	8/13/2013																							
		VMP-44-20-111113	11/11/2013																							
		VMP-44-20-022814	2/28/2014																							
		VMP-44-20-043014	4/30/2014																							
		VMP-44-20-080614	8/6/2014																							
		VMP-44-20-110414	11/4/2014																							
		VMP-44-20-020415	2/4/2015																							
		VMP-44-20-051115	5/11/2015																							
		VMP-44-20-072415	7/24/2015																							
		VMP-44-20-102815	10/28/2015																							
		VMP-44-20-020216-R	2/2/2016																							
		VMP-44-20-042816	4/28/2016																							
		VMP-44-20-072716	7/27/2016																							
		VMP-44-20-102716	10/27/2016																							
	30 ft	VMP-44-30-041912	4/19/2012																							
		VMP-44-30-072512	7/25/2012																							
		VMP-44-30-072512-Dup	7/25/2012																							
		VMP-44-30-101512	10/15/2012																							
		VMP-44-30-101512-Dup	10/15/2012																							
		VMP-44-30-012513	1/25/2013																							
		VMP-44-30-043013	4/30/2013																							
		VMP-44-30-081313	8/13/2013																							
		VMP-44-30-111113	11/11/2013																							
		VMP-44-30-022814	2/28/2014																							
		VMP-44-30-043014	4/30/2014																							
		VMP-44-30-080614	8/6/2014																							
		VMP-44-30-110414	11/4/2014																							
		VMP-44-30-020415	2/4/2015																							
		VMP-44-30-051115	5/11/2015																							
		VMP-44-30-072415	7/24/2015																							
		VMP-44-30-102815	10/28/2015																							
		VMP-44-30-012516	1/25/2016																							
		VMP-44-30-050516	5/5/2016																							
		VMP-44-30-072716	7/27/2016																							
		VMP-44-30-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-45	10 ft	VMP-45-10-041912	4/19/2012																							
		VMP-45-10-071912	7/19/2012																							
		VMP-45-10-101512	10/15/2012																							
		VMP-45-10-013013	1/30/2013																							
		VMP-45-10-042913	4/29/2013																							
		VMP-45-10-080513	8/5/2013																							
		VMP-45-10-102913	10/29/2013																							
		VMP-45-10-020714	2/7/2014																							
		VMP-45-10-042214	4/22/2014																							
		VMP-45-10-080114	8/1/2014																							
		VMP-45-10-102414	10/24/2014																							
		VMP-45-10-020615	2/6/2015																							
		VMP-45-10-051215	5/12/2015																							
		VMP-45-10-072115	7/21/2015																							
		VMP-45-10-102815	10/28/2015																							
		VMP-45-10-030916-R	3/9/2016																							
		VMP-45-10-042816	4/28/2016																							
		VMP-45-10-082616	8/26/2016																							
		VMP-45-10-102816	10/28/2016																							
	20 ft	VMP-45-20-041912	4/19/2012																							
		VMP-45-20-071912	7/19/2012																							
		VMP-45-20-101512	10/15/2012																							
		VMP-45-20-013013	1/30/2013																							
		VMP-45-20-042913	4/29/2013																							
		VMP-45-20-042913-Dup	4/29/2013																							
		VMP-45-20-080513	8/5/2013																							
		VMP-45-20-102913	10/29/2013																							
		VMP-45-20-020714	2/7/2014																							
		VMP-45-20-042214	4/22/2014																							
		VMP-45-20-080114	8/1/2014																							
		VMP-45-20-102414	10/24/2014																							
		VMP-45-20-020615	2/6/2015																							
		VMP-45-20-042915	4/29/2015																							
		VMP-45-20-072115	7/21/2015																							
		VMP-45-20-102815	10/28/2015																							
		VMP-45-20-012516	1/25/2016																							
		VMP-45-20-042816	4/28/2016																							
		VMP-45-20-072716	7/27/2016																							
		VMP-45-20-102816	10/28/2016																							
	30 ft	VMP-45-30-041912	4/19/2012																							
		VMP-45-30-071912	7/19/2012																							
		VMP-45-30-101512	10/15/2012																							
		VMP-45-30-101512-Dup	10/15/2012																							
		VMP-45-30-013013	1/30/2013																							
		VMP-45-30-042913	4/29/2013																							
		VMP-45-30-080513	8/5/2013																							
		VMP-45-30-102913	10/29/2013																							
		VMP-45-30-020714	2/7/2014																							
		VMP-45-30-042214	4/22/2014																							
		VMP-45-30-080114	8/1/2014																							
		VMP-45-30-102414	10/24/2014																							
		VMP-45-30-111214-R	11/12/2014																							
		VMP-45-30-020615	2/6/2015																							
		VMP-45-30-020615-DUP	2/6/2015																							
		VMP-45-30-042915	4/29/2015																							
		VMP-45-30-072115	7/21/2015																							
		VMP-45-30-072115-DUP	7/21/2015																							
		VMP-45-30-102815	10/28/2015																							
		VMP-45-30-012516	1/25/2016																							
		VMP-45-30-042816	4/28/2016																							
		VMP-45-30-042816-DUP	4/28/2016																							
		VMP-45-30-072716	7/27/2016																							
		VMP-45-30-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013																							
		VMP-47-5-012313-R	1/23/2013																							
		VMP-47-5-060513	6/5/2013																							
		VMP-47-5-072613	7/26/2013																							
		VMP-47-5-110813	11/8/2013																							
		VMP-47-5-021814	2/18/2014																							
		VMP-47-5-042914	4/29/2014																							
		VMP-47-5-081314	8/13/2014																							
		VMP-47-5-093014-R	9/30/2014																							
		VMP-47-5-102814	10/28/2014																							
		VMP-47-5-020215	2/2/2015																							
		VMP-47-5-042815	4/28/2015																							
		VMP-47-5-072115	7/21/2015																							
		VMP-47-5-102715	10/27/2015																							
		VMP-47-5-012916	1/29/2016																							
		VMP-47-5-042516	4/25/2016																							
		VMP-47-5-072516	7/25/2016																							
		VMP-47-5-102616	10/26/2016																							
	10 ft	VMP-47-10-012113	1/21/2013							7.7																
		VMP-47-10-012313-R	1/23/2013																							
		VMP-47-10-060513	6/5/2013																							
		VMP-47-10-072613	7/26/2013																							
		VMP-47-10-110813	11/8/2013																							
		VMP-47-10-021814	2/18/2014																							
		VMP-47-10-042914	4/29/2014																							
		VMP-47-10-073114	7/31/2014																							
		VMP-47-10-102814	10/28/2014																							
		VMP-47-10-020215	2/2/2015																							
		VMP-47-10-042815	4/28/2015																							
		VMP-47-10-072115	7/21/2015																							
		VMP-47-10-102715	10/27/2015																							
		VMP-47-10-012916	1/29/2016																							
		VMP-47-10-042516	4/25/2016																							
		VMP-47-10-080216	8/2/2016																							
		VMP-47-10-102616	10/26/2016																							
	20 ft	VMP-47-20-012113	1/21/2013																							
		VMP-47-20-012313-R	1/23/2013																							
		VMP-47-20-060513	6/5/2013																							
		VMP-47-20-060513-Dup	6/5/2013																							
		VMP-47-20-072613	7/26/2013																							
		VMP-47-20-110813	11/8/2013																							
		VMP-47-20-021914	2/19/2014																							
		VMP-47-20-042914	4/29/2014																							
		VMP-47-20-073114	7/31/2014																							
		VMP-47-20-102814	10/28/2014																							
		VMP-47-20-020215	2/2/2015																							
		VMP-47-20-042815	4/28/2015																							
		VMP-47-20-072115	7/21/2015																							
		VMP-47-20-102715	10/27/2015																							
		VMP-47-20-012916	1/29/2016																							
		VMP-47-20-042516	4/25/2016																							
		VMP-47-20-072516	7/25/2016																							
		VMP-47-20-102616	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-47	30 ft	VMP-47-30-012113	1/21/2013																							
		VMP-47-30-012313-R	1/23/2013																							
		VMP-47-30-060513	6/5/2013																							
		VMP-47-30-072613	7/26/2013																							
		VMP-47-30-110813	11/8/2013																							
		VMP-47-30-021914	2/19/2014																							
		VMP-47-30-042914	4/29/2014																							
		VMP-47-30-042914-Dup	4/29/2014																							
		VMP-47-30-073114	7/31/2014																							
		VMP-47-30-073114-Dup	7/31/2014																							
		VMP-47-30-102814	10/28/2014																							
		VMP-47-30-102814-DUP	10/28/2014																							
		VMP-47-30-020215	2/2/2015																							
		VMP-47-30-020215-DUP	2/2/2015																							
		VMP-47-30-042815	4/28/2015																							
		VMP-47-30-042815-DUP	4/28/2015																							
		VMP-47-30-072115	7/21/2015																							
		VMP-47-30-102715	10/27/2015																							
		VMP-47-30-102715-DUP	10/27/2015																							
		VMP-47-30-012916-DUP	1/29/2016																							
		VMP-47-30-042516	4/25/2016																							
		VMP-47-30-042516-DUP	4/25/2016																							
		VMP-47-30-072516	7/25/2016																							
		VMP-47-30-102616	10/26/2016																							
VMP-48	5 ft	VMP-48-5-020113	2/1/2013																							
		VMP-48-5-050313	5/3/2013																							
		VMP-48-5-080613	8/6/2013																							
		VMP-48-5-110513	11/5/2013																							
		VMP-48-5-022814	2/28/2014																							
		VMP-48-5-042814	4/28/2014																							
		VMP-48-5-080114	8/1/2014																							
		VMP-48-05-102914	10/29/2014																							
		VMP-48-5-020215	2/2/2015																							
		VMP-48-5-042815	4/28/2015																							
		VMP-48-5-072115	7/21/2015																							
		VMP-48-5-102015	10/20/2015																							
		VMP-48-5-012916	1/29/2016																							
		VMP-48-5-042516	4/25/2016																							
		VMP-48-5-072516	7/25/2016																							
		VMP-48-5-102616	10/26/2016																							
	10 ft	VMP-48-10-020113	2/1/2013																							
		VMP-48-10-050813	5/8/2013																							
		VMP-48-10-080613	8/6/2013																							
		VMP-48-10-103113	10/31/2013																							
		VMP-48-10-021814	2/18/2014																							
		VMP-48-10-042814	4/28/2014																							
		VMP-48-10-080114	8/1/2014																							
		VMP-48-10-102914	10/29/2014																							
		VMP-48-10-020215	2/2/2015																							
		VMP-48-10-042815	4/28/2015																							
		VMP-48-10-042815-DUP	4/28/2015																							
		VMP-48-10-072115	7/21/2015																							
		VMP-48-10-102015	10/20/2015																							
		VMP-48-10-012916	1/29/2016																							
		VMP-48-10-042516	4/25/2016																							
		VMP-48-10-072516	7/25/2016																							
		VMP-48-10-102616	10/26/2016																							
	20 ft	VMP-48-20-020113	2/1/2013																							
		VMP-48-20-103113	10/31/2013																							
		VMP-48-20-021814	2/18/2014																							
		VMP-48-20-042814	4/28/2014																							
		VMP-48-20-080114	8/1/2014																							
		VMP-48-20-102914	10/29/2014																							
		VMP-48-20-111814-R	11/18/2014																							
		VMP-48-20-020215	2/2/2015																							
		VMP-48-20-042815	4/28/2015																							
		VMP-48-20-102015	10/20/2015																							
		VMP-48-20-042516	4/25/2016																							
		VMP-48-20-102616	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-48	30 ft	VMP-48-30-020113	2/1/2013																							
		VMP-48-30-020113-DUP	2/1/2013																							
		VMP-48-30-050313	5/3/2013																							
		VMP-48-30-080613	8/6/2013																							
		VMP-48-30-110513	11/5/2013																							
		VMP-48-30-021814	2/18/2014																							
		VMP-48-30-042814	4/28/2014																							
		VMP-48-30-042814-DUP	4/28/2014																							
		VMP-48-30-080114	8/1/2014																							
		VMP-48-30-080114-Dup	8/1/2014																							
		VMP-48-30-102914	10/29/2014																							
		VMP-48-30-111814-R	11/18/2014																							
		VMP-48-30-020215	2/2/2015																							
		VMP-48-30-042815	4/28/2015																							
		VMP-48-30-080315	8/3/2015																							
		VMP-48-30-102015	10/20/2015																							
		VMP-48-30-102015-DUP	10/20/2015																							
		VMP-48-30-012916	1/29/2016																							
		VMP-48-30-042516	4/25/2016																							
		VMP-48-30-042516-DUP	4/25/2016																							
		VMP-48-30-072516	7/25/2016																							
		VMP-48-30-102616	10/26/2016																							
		VMP-48-30-102616-Dup	10/26/2016																							
VMP-49	5 ft	VMP-49-5-020113	2/1/2013																							
		VMP-49-5-050713	5/7/2013																							
		VMP-49-5-080613	8/6/2013																							
		VMP-49-5-111113	11/11/2013																							
		VMP-49-5-021814	2/18/2014																							
		VMP-49-5-042814	4/28/2014																							
		VMP-49-5-080114	8/1/2014																							
		VMP-49-5-102914	10/29/2014																							
		VMP-49-5-102914-DUP	10/29/2014																							
		VMP-49-5-020215	2/3/2015																							
		VMP-49-5-042815	4/28/2015																							
		VMP-49-5-073015	7/30/2015																							
		VMP-49-5-110315	11/3/2015																							
		VMP-49-5-020116	2/1/2016																							
		VMP-49-5-042616	4/26/2016																							
		VMP-49-5-080116	8/1/2016																							
		VMP-49-5-102716	10/27/2016																							
	10 ft	VMP-49-10-020113	2/1/2013																							
		VMP-49-10-050713	5/7/2013																							
		VMP-49-10-050713-Dup	5/7/2013																							
		VMP-49-10-080613	8/6/2013																							
		VMP-49-10-103113	10/31/2013																							
		VMP-49-10-021814	2/18/2014																							
		VMP-49-10-042814	4/28/2014																							
		VMP-49-10-080114	8/1/2014																							
		VMP-49-10-102914	10/29/2014																							
		VMP-49-10-020215	2/3/2015																							
		VMP-49-10-042815	4/28/2015																							
		VMP-49-10-073015	7/30/2015																							
		VMP-49-10-110315	11/3/2015																							
		VMP-49-10-020116	2/1/2016																							
		VMP-49-10-042616	4/26/2016																							
		VMP-49-10-080116	8/1/2016																							
		VMP-49-10-102716	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-49	20 ft	VMP-49-20-020113	2/1/2013																							
		VMP-49-20-050913	5/9/2013																							
		VMP-49-20-080613	8/6/2013																							
		VMP-49-20-080613-Dup	8/6/2013																							
		VMP-49-20-111113	11/11/2013																							
		VMP-49-20-021814	2/18/2014																							
		VMP-49-20-042814	4/28/2014																							
		VMP-49-20-080114	8/1/2014																							
		VMP-49-20-102914	10/29/2014																							
		VMP-49-20-020215	2/3/2015																							
		VMP-49-20-073015	7/30/2015																							
		VMP-49-20-110315	11/3/2015																							
		VMP-49-20-020116	2/1/2016																							
		VMP-49-20-042616	4/26/2016																							
		VMP-49-20-080116	8/1/2016																							
		VMP-49-20-102716	10/27/2016																							
	30 ft	VMP-49-30-020113	2/1/2013																							
		VMP-49-30-050813	5/8/2013																							
		VMP-49-30-080613	8/6/2013																							
		VMP-49-30-111113	11/11/2013																							
		VMP-49-30-021814	2/18/2014																							
		VMP-49-30-021814-Dup	2/18/2014																							
		VMP-49-30-042814	4/28/2014																							
		VMP-49-30-080114	8/1/2014																							
		VMP-49-30-102914	10/29/2014																							
		VMP-49-30-020215	2/3/2015																							
		VMP-49-30-042815	4/28/2015																							
		VMP-49-30-073015	7/30/2015																							
		VMP-49-30-073015-DUP	7/30/2015																							
		VMP-49-30-110315	11/3/2015																							
		VMP-49-30-110315-DUP	11/3/2015																							
		VMP-49-30-020116	2/1/2016																							
		VMP-49-30-020116-DUP	2/1/2016																							
		VMP-49-30-042716	4/27/2016																							
		VMP-49-30-042716-DUP	4/27/2016																							
		VMP-49-30-080116	8/1/2016																							
		VMP-49-30-080116-DUP	8/1/2016																							
		VMP-49-30-102716	10/27/2016																							
VMP-50	5 ft	VMP-50-5-020113	2/1/2013																							
		VMP-50-5-050713	5/7/2013																							
		VMP-50-5-080713	8/7/2013																							
		VMP-50-5-110713	11/7/2013																							
		VMP-50-5-022614	2/26/2014																							
		VMP-50-5-043014	4/30/2014																							
		VMP-50-5-081414	8/14/2014																							
		VMP-50-5-110614	11/6/2014																							
		VMP-50-5-021015	2/10/2015																							
		VMP-50-5-050515	5/5/2015																							
		VMP-50-5-073015	7/30/2015																							
		VMP-50-5-110315	11/3/2015																							
		VMP-50-5-020216	2/2/2016																							
		VMP-50-5-050316	5/3/2016																							
		VMP-50-5-080216	8/2/2016																							
		VMP-50-5-103116	10/31/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-50	10 ft	VMP-50-10-020113	2/1/2013																							
		VMP-50-10-050713	5/7/2013																							
		VMP-50-10-080713	8/7/2013																							
		VMP-50-10-080713-Dup	8/7/2013																							
		VMP-50-10-110713	11/7/2013																							
		VMP-50-10-022614	2/26/2014																							
		VMP-50-10-043014	4/30/2014																							
		VMP-50-10-081414	8/14/2014																							
		VMP-50-10-110614	11/6/2014																							
		VMP-50-10-021015	2/10/2015																							
		VMP-50-10-050515	5/5/2015																							
		VMP-50-10-073015	7/30/2015																							
		VMP-50-10-110315	11/3/2015																							
		VMP-50-10-020216	2/2/2016																							
		VMP-50-10-050316	5/3/2016																							
		VMP-50-10-082616	8/26/2016																							
		VMP-50-10-103116	10/31/2016																							
	20 ft	VMP-50-20-020113	2/1/2013																							
		VMP-50-20-050713	5/7/2013																							
		VMP-50-20-080713	8/7/2013																							
		VMP-50-20-110713	11/7/2013																							
		VMP-50-20-110713-Dup	11/7/2013																							
		VMP-50-20-022614	2/26/2014																							
		VMP-50-20-043014	4/30/2014																							
		VMP-50-20-081414	8/14/2014																							
		VMP-50-20-110614	11/6/2014																							
		VMP-50-20-021015	2/10/2015																							
		VMP-50-20-050515	5/5/2015																							
		VMP-50-20-073015	7/30/2015																							
		VMP-50-20-110315	11/3/2015																							
		VMP-50-20-020216	2/2/2016																							
		VMP-50-20-050316	5/3/2016																							
		VMP-50-20-082616	8/26/2016																							
		VMP-50-20-103116	10/31/2016																							
	30 ft	VMP-50-30-020113	2/1/2013																							
		VMP-50-30-050713	5/7/2013																							
		VMP-50-30-080713	8/7/2013																							
		VMP-50-30-110713	11/7/2013																							
		VMP-50-30-022614	2/26/2014																							
		VMP-50-30-022614-Dup	2/26/2014																							
		VMP-50-30-043014	4/30/2014																							
		VMP-50-30-043014-DUP	4/30/2014																							
		VMP-50-30-081414	8/14/2014																							
		VMP-50-30-081414-Dup	8/14/2014																							
		VMP-50-30-110614	11/6/2014																							
		VMP-50-30-110614-DUP	11/6/2014																							
		VMP-50-30-021015	2/10/2015																							
		VMP-50-30-050515	5/5/2015																							
		VMP-50-30-061515-R	6/15/2015																							
		VMP-50-30-073015	7/30/2015																							
		VMP-50-30-110315	11/3/2015																							
		VMP-50-30-020216	2/2/2016																							
		VMP-50-30-020216-DUP	2/2/2016																							
		VMP-50-30-050316	5/3/2016																							
		VMP-50-30-080216	8/2/2016																							
		VMP-50-30-103116	10/31/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013																							
		VMP-51-5-050213	5/2/2013																							
		VMP-51-5-080713	8/7/2013																							
		VMP-51-5-103013	10/30/2013																							
		VMP-51-5-021814	2/18/2014																							
		VMP-51-5-042814	4/28/2014																							
		VMP-51-5-080114	8/1/2014																							
		VMP-51-05-102914	10/29/2014																							
		VMP-51-5-020315	2/3/2015																							
		VMP-51-5-042915	4/29/2015																							
		VMP-51-5-072115	7/21/2015																							
		VMP-51-5-102815	10/28/2015																							
		VMP-51-5-012516	1/25/2016																							
		VMP-51-5-042816	4/28/2016																							
		VMP-51-5-072716	7/27/2016																							
		VMP-51-5-101916	10/19/2016																							
	10 ft	VMP-51-10-020113	2/1/2013																							
		VMP-51-10-050213	5/2/2013																							
		VMP-51-10-080713	8/7/2013																							
		VMP-51-10-103013	10/30/2013																							
		VMP-51-10-021814	2/18/2014																							
		VMP-51-10-042814	4/28/2014																							
		VMP-51-10-080114	8/1/2014																							
		VMP-51-10-102914	10/29/2014																							
		VMP-51-10-020315	2/3/2015																							
		VMP-51-10-042915	4/29/2015																							
		VMP-51-10-072115	7/21/2015																							
		VMP-51-10-102815	10/28/2015																							
		VMP-51-10-012516	1/25/2016																							
		VMP-51-10-042816	4/28/2016																							
		VMP-51-10-042816-DUP	4/28/2016																							
		VMP-51-10-072716	7/27/2016																							
		VMP-51-10-101916	10/19/2016																							
	20 ft	VMP-51-20-021513-R	2/15/2013																							
		VMP-51-20-050213	5/2/2013																							
		VMP-51-20-080713	8/7/2013																							
		VMP-51-20-103013	10/30/2013																							
		VMP-51-20-021814	2/18/2014																							
		VMP-51-20-042814	4/28/2014																							
		VMP-51-20-080114	8/1/2014																							
		VMP-51-20-102914	10/29/2014																							
		VMP-51-20-020315	2/3/2015																							
		VMP-51-20-042915	4/29/2015																							
		VMP-51-20-072115	7/21/2015																							
		VMP-51-20-102815	10/28/2015																							
		VMP-51-20-012516	1/25/2016																							
		VMP-51-20-042816	4/28/2016																							
		VMP-51-20-052516-R	5/25/2016																							
		VMP-51-20-072716	7/27/2016																							
		VMP-51-20-101916-Dup	10/19/2016																							
		VMP-51-20-101916	10/19/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-51	30 ft	VMP-51-30-020413	2/4/2013																							
		VMP-51-30-020413-DUP	2/4/2013																							
		VMP-51-30-050213	5/2/2013																							
		VMP-51-30-080713	8/7/2013																							
		VMP-51-30-103013	10/30/2013																							
		VMP-51-30-021814	2/18/2014																							
		VMP-51-30-042814	4/28/2014																							
		VMP-51-30-080114	8/1/2014																							
		VMP-51-30-102914	10/29/2014																							
		VMP-51-30-102914-DUP	10/29/2014																							
		VMP-51-30-020315	2/3/2015																							
		VMP-51-30-020315-DUP	2/3/2015																							
		VMP-51-30-042915	4/29/2015																							
		VMP-51-30-042915-DUP	4/29/2015																							
		VMP-51-30-072115	7/21/2015																							
		VMP-51-30-102815	10/28/2015																							
		VMP-51-30-012516	1/25/2016																							
		VMP-51-30-012516-DUP	1/25/2016																							
		VMP-51-30-042816	4/28/2016																							
		VMP-51-30-072716	7/27/2016																							
		VMP-51-30-072716-DUP	7/27/2016																							
		VMP-51-30-101916	10/19/2016																							
VMP-52	5 ft	VMP-52-5-020413	2/4/2013																							
		VMP-52-5-050213	5/2/2013																							
		VMP-52-5-050213-Dup	5/2/2013																							
		VMP-52-5-080713	8/7/2013																							
		VMP-52-5-103013	10/30/2013																							
		VMP-52-5-022114	2/21/2014																							
		VMP-52-5-050514	5/5/2014																							
		VMP-52-5-050514-Dup	5/5/2014																							
		VMP-52-5-080114	8/1/2014																							
		VMP-52-5-103114	10/31/2014																							
		VMP-52-5-020415	2/4/2015																							
		VMP-52-5-042915	4/29/2015																							
		VMP-52-5-072715	7/27/2015																							
		VMP-52-5-102915	10/29/2015																							
		VMP-52-5-012516	1/25/2016																							
		VMP-52-5-042516	4/25/2016																							
		VMP-52-5-072716	7/27/2016																							
		VMP-52-5-102716	10/27/2016																							
	10 ft	VMP-52-10-020413	2/4/2013																							
		VMP-52-10-051613	5/16/2013																							
		VMP-52-10-080713	8/7/2013																							
		VMP-52-10-103013	10/30/2013																							
		VMP-52-10-022114	2/21/2014																							
		VMP-52-10-080114	8/1/2014																							
		VMP-52-10-103114	10/31/2014																							
		VMP-52-10-020415	2/4/2015																							
		VMP-52-10-042915	4/29/2015																							
		VMP-52-10-072715	7/27/2015																							
		VMP-52-10-102915	10/29/2015																							
		VMP-52-10-012516	1/25/2016																							
		VMP-52-10-042516	4/25/2016																							
		VMP-52-10-072716	7/27/2016																							
		VMP-52-10-102716	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-52	20 ft	VMP-52-20-020413	2/4/2013																							
		VMP-52-20-020413-DUP	2/4/2013																							
		VMP-52-20-050213	5/2/2013																							
		VMP-52-20-080713	8/7/2013																							
		VMP-52-20-103013	10/30/2013																							
		VMP-52-20-022114	2/21/2014																							
		VMP-52-20-042914	4/29/2014																							
		VMP-52-20-082014-R	8/20/2014																							
		VMP-52-20-103114	10/31/2014																							
		VMP-52-20-020415	2/4/2015																							
		VMP-52-20-042915	4/29/2015																							
		VMP-52-20-072715	7/27/2015																							
		VMP-52-20-102915	10/29/2015																							
		VMP-52-20-012516	1/25/2016																							
		VMP-52-20-042516	4/25/2016																							
		VMP-52-20-072716	7/27/2016																							
		VMP-52-20-102716	10/27/2016																							
	30 ft	VMP-52-30-020413	2/4/2013																							
		VMP-52-30-050613	5/6/2013																							
		VMP-52-30-080713	8/7/2013																							
		VMP-52-30-103013	10/30/2013																							
		VMP-52-30-022114	2/21/2014																							
		VMP-52-30-022114-Dup	2/21/2014																							
		VMP-52-30-042914	4/29/2014																							
		VMP-52-30-042914-DUP	4/29/2014																							
		VMP-52-30-080114	8/1/2014																							
		VMP-52-30-080114-Dup	8/1/2014																							
		VMP-52-30-103114	10/31/2014																							
		VMP-52-30-020415	2/4/2015																							
		VMP-52-30-020415-DUP	2/4/2015																							
		VMP-52-30-042915	4/29/2015																							
		VMP-52-30-072715	7/27/2015																							
		VMP-52-30-102915	10/29/2015																							
		VMP-52-30-020216-R	2/2/2016																							
		VMP-52-30-042516	4/25/2016																							
		VMP-52-30-072716	7/27/2016																							
		VMP-52-30-102716	10/27/2016																							
VMP-53	5 ft	VMP-53-5-020513	2/5/2013																							
		VMP-53-5-050213	5/2/2013																							
		VMP-53-5-071113-R	7/11/2013																							
		VMP-53-5-080613	8/6/2013																							
		VMP-53-5-103013	10/30/2013																							
		VMP-53-5-022114	2/21/2014																							
		VMP-53-5-042514	4/25/2014																							
		VMP-53-5-073014	7/30/2014																							
		VMP-53-5-102914	10/29/2014																							
		VMP-53-5-020415	2/4/2015																							
		VMP-53-5-050415	5/4/2015																							
		VMP-53-5-072415	7/24/2015																							
		VMP-53-5-102815	10/28/2015																							
		VMP-53-5-012816	1/28/2016																							
		VMP-53-5-042816	4/28/2016																							
		VMP-53-5-072916	7/29/2016																							
		VMP-53-5-102516	10/25/2016																							
		VMP-53-5-120916	12/9/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-53	10 ft	VMP-53-10-020513	2/5/2013																							
		VMP-53-10-020513-DUP	2/5/2013																							
		VMP-53-10-050313	5/3/2013																							
		VMP-53-10-071113-R	7/11/2013																							
		VMP-53-10-080613	8/6/2013																							
		VMP-53-10-080613-Dup	8/6/2013																							
		VMP-53-10-103013	10/30/2013																							
		VMP-53-10-022114	2/21/2014																							
		VMP-53-10-042514	4/25/2014																							
		VMP-53-10-073014	7/30/2014																							
		VMP-53-10-102914	10/29/2014																							
		VMP-53-10-020415	2/4/2015																							
		VMP-53-10-050415	5/4/2015																							
		VMP-53-10-072415	7/24/2015																							
		VMP-53-10-102815	10/28/2015																							
		VMP-53-10-012816	1/28/2016																							
		VMP-53-10-042816	4/28/2016																							
		VMP-53-10-082616	8/26/2016																							
		VMP-53-10-102516	10/25/2016																							
		VMP-53-10-120916	12/9/2016																							
	20 ft	VMP-53-20-020513	2/5/2013																							
		VMP-53-20-050313	5/3/2013																							
		VMP-53-20-071113-R	7/11/2013																							
		VMP-53-20-080613	8/6/2013																							
		VMP-53-20-103013	10/30/2013																							
		VMP-53-20-103013-Dup	10/30/2013																							
		VMP-53-20-022114	2/21/2014																							
		VMP-53-20-042514	4/25/2014																							
		VMP-53-20-073014	7/30/2014																							
		VMP-53-20-102914	10/29/2014																							
		VMP-53-20-020415	2/4/2015																							
		VMP-53-20-050415	5/4/2015																							
		VMP-53-20-072415	7/24/2015																							
		VMP-53-20-102815	10/28/2015																							
		VMP-53-20-021616	2/16/2016																							
		VMP-53-20-042816	4/28/2016																							
		VMP-53-20-072916	7/29/2016																							
		VMP-53-20-102516	10/25/2016																							
		VMP-53-20-120916	12/9/2016																							
	30 ft	VMP-53-30-020513	2/5/2013																							
		VMP-53-30-050313	5/3/2013																							
		VMP-53-30-071113-R	7/11/2013																							
		VMP-53-30-080613	8/6/2013																							
		VMP-53-30-103013	10/30/2013																							
		VMP-53-30-022114	2/21/2014																							
		VMP-53-30-042514	4/25/2014																							
		VMP-53-30-042514-DUP	4/25/2014																							
		VMP-53-30-073014	7/30/2014																							
		VMP-53-30-073014-Dup	7/30/2014																							
		VMP-53-30-102914	10/29/2014																							
		VMP-53-30-020415	2/4/2015																							
		VMP-53-30-050415	5/4/2015																							
		VMP-53-30-072415	7/24/2015																							
		VMP-53-30-102815	10/28/2015																							
		VMP-53-30-012816	1/28/2016																							
		VMP-53-30-042816	4/28/2016																							
		VMP-53-30-052516-R	5/25/2016																							
		VMP-53-30-072916	7/29/2016																							
		VMP-53-30-102516	10/25/2016																							
		VMP-53-30-120916	12/9/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-020613	2/6/2013																							
		VMP-54-5-050213	5/2/2013																							
		VMP-54-5-080613	8/6/2013																							
		VMP-54-5-103013	10/30/2013																							
		VMP-54-5-021014	2/10/2014																							
		VMP-54-5-042514	4/25/2014																							
		VMP-54-5-073014	7/30/2014																							
		VMP-54-5-102914	10/29/2014																							
		VMP-54-5-020515	2/5/2015																							
		VMP-54-5-050415	5/4/2015																							
		VMP-54-5-072415	7/24/2015																							
		VMP-54-5-102715	10/27/2015																							
		VMP-54-5-012816	1/28/2016																							
		VMP-54-5-042916	4/29/2016																							
		VMP-54-5-080116	8/1/2016																							
		VMP-54-5-102816	10/28/2016																							
	10 ft	VMP-54-10-020613	2/6/2013																							
		VMP-54-10-050213	5/2/2013																							
		VMP-54-10-080613	8/6/2013																							
		VMP-54-10-103013	10/30/2013																							
		VMP-54-10-021014	2/10/2014																							
		VMP-54-10-050814-R	5/8/2014																							
		VMP-54-10-073014	7/30/2014																							
		VMP-54-10-102914	10/29/2014																							
		VMP-54-10-020515	2/5/2015																							
		VMP-54-10-050415	5/4/2015																							
		VMP-54-10-072415	7/24/2015																							
		VMP-54-10-102715	10/27/2015																							
		VMP-54-10-012816	1/28/2016																							
		VMP-54-10-042916	4/29/2016																							
		VMP-54-10-080116	8/1/2016																							
		VMP-54-10-102816	10/28/2016																							
	20 ft	VMP-54-20-020613	2/6/2013																							
		VMP-54-20-020613-DUP	2/6/2013																							
		VMP-54-20-050213	5/2/2013																							
		VMP-54-20-080613	8/6/2013																							
		VMP-54-20-103013	10/30/2013																							
		VMP-54-20-021014	2/10/2014																							
		VMP-54-20-042514	4/25/2014																							
		VMP-54-20-073014	7/30/2014																							
		VMP-54-20-102914	10/29/2014																							
		VMP-54-20-020515	2/5/2015																							
		VMP-54-20-050415	5/4/2015																							
		VMP-54-20-072415	7/24/2015																							
		VMP-54-20-102715	10/27/2015																							
		VMP-54-20-102715-DUP	10/27/2015																							
		VMP-54-20-012816	1/28/2016																							
		VMP-54-20-050516	5/5/2016																							
		VMP-54-20-050516-DUP	5/5/2016																							
		VMP-54-20-080116	8/1/2016																							
		VMP-54-20-102816	10/28/2016																							
	30 ft	VMP-54-30-020613	2/6/2013																							
		VMP-54-30-020613-DUP	2/6/2013																							
		VMP-54-30-050213	5/2/2013																							
		VMP-54-30-050213-Dup	5/2/2013																							
		VMP-54-30-103013	10/30/2013																							
		VMP-54-30-021014	2/10/2014																							
		VMP-54-30-042514	4/25/2014																							
		VMP-54-30-073014	7/30/2014																							
		VMP-54-30-110614-R	11/6/2014																							
		VMP-54-30-021215	2/12/2015																							
		VMP-54-30-050415	5/4/2015																							
		VMP-54-30-080315	8/3/2015																							
		VMP-54-30-102715	10/27/2015																							
		VMP-54-30-012816	1/28/2016																							
		VMP-54-30-042916	4/29/2016																							
		VMP-54-30-042916-DUP	4/29/2016																							
		VMP-54-30-080116	8/1/2016																							
		VMP-54-30-102816	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-110414	11/4/2014																							
		VMP-55-5-110414-DUP	11/4/2014																							
		VMP-55-5-020515	2/5/2015																							
		VMP-55-5-050615	5/6/2015																							
		VMP-55-5-110215	11/2/2015																							
		VMP-55-5-020416	2/4/2016																							
		VMP-55-5-082616	8/26/2016																							
	20 ft	VMP-55-20-021513	2/15/2013																							
		VMP-55-20-050113	5/1/2013																							
		VMP-55-20-080713	8/7/2013																							
		VMP-55-20-110813	11/8/2013																							
		VMP-55-20-021814	2/18/2014																							
		VMP-55-20-050514	5/5/2014																							
		VMP-55-20-050514-Dup	5/5/2014																							
		VMP-55-20-081314	8/13/2014																							
		VMP-55-20-110414	11/4/2014																							
		VMP-55-20-020515	2/5/2015																							
		VMP-55-20-050615	5/6/2015																							
		VMP-55-20-072915	7/29/2015																							
		VMP-55-20-072915-DUP	7/29/2015																							
		VMP-55-20-110215	11/2/2015																							
		VMP-55-20-020416	2/4/2016																							
		VMP-55-20-020416-DUP	2/4/2016																							
		VMP-55-20-050416	5/4/2016																							
		VMP-55-20-080316	8/3/2016																							
		VMP-55-20-110116	11/1/2016																							
	30 ft	VMP-55-30-030915	3/9/2015																							
		VMP-55-30-050615	5/6/2015																							
		VMP-55-30-050615-DUP	5/6/2015																							
		VMP-55-30-061515-Dup-R	6/15/2015																							
		VMP-55-30-061515-R	6/15/2015																							
VMP-56	10 ft	VMP-56-10-050114	5/1/2014																							
		VMP-56-10-081214	8/12/2014																							
		VMP-56-10-110514	11/5/2014																							
		VMP-56-10-021015	2/10/2015																							
		VMP-56-10-110315	11/3/2015																							
		VMP-56-10-020416	2/4/2016																							
		VMP-56-10-050516	5/5/2016																							
		VMP-56-10-072716	7/27/2016																							
		VMP-56-10-102416	10/24/2016																							
	25 ft	VMP-56-25-050114	5/1/2014																							
		VMP-56-25-081214	8/12/2014																							
		VMP-56-25-110514	11/5/2014																							
		VMP-56-25-021015	2/10/2015																							
		VMP-56-25-050715	5/7/2015																							
		VMP-56-25-073115	7/31/2015																							
		VMP-56-25-110315	11/3/2015																							
		VMP-56-25-020416	2/4/2016																							
		VMP-56-25-050516	5/5/2016																							
		VMP-56-25-050516-DUP	5/5/2016																							
		VMP-56-25-072716	7/27/2016																							
		VMP-56-25-102416	10/24/2016																							
	38.5 ft	VMP-56-38.5-050114	5/1/2014																							
		VMP-56-38.5-081214	8/12/2014																							
		VMP-56-38.5-081214-Dup	8/12/2014																							
		VMP-56-38.5-110514	11/5/2014																							
		VMP-56-38.5-110514-DUP	11/5/2014																							
		VMP-56-38.5-021015	2/10/2015																							
		VMP-56-38.5-050715	5/7/2015																							
		VMP-56-38.5-061515-R	6/15/2015																							
		VMP-56-38.5-073115	7/31/2015																							
		VMP-56-38.5-073115-DUP	7/31/2015																							
		VMP-56-38.5-110315	11/3/2015																							
		VMP-56-38.5-110315-DUP	11/3/2015																							
		VMP-56-38.5-020416	2/4/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-122313	12/23/2013	18																							
		VMP-62-5-021014	2/10/2014																								
		VMP-62-5-042514	4/25/2014																								
		VMP-62-5-073014	7/30/2014																								
		VMP-62-5-111014-R	11/10/2014																								
		VMP-62-5-020315	2/3/2015																								
		VMP-62-5-042815	4/28/2015																								
		VMP-62-5-072415	7/24/2015																								
		VMP-62-5-102015	10/20/2015																								
		VMP-62-5-012816	1/28/2016																								
		VMP-62-5-042516	4/25/2016																								
		VMP-62-5-072616	7/26/2016																								
		VMP-62-5-102416	10/24/2016																								
	10 ft	VMP-62-10-122313	12/23/2013																								
		VMP-62-10-021014	2/10/2014																								
		VMP-62-10-042514	4/25/2014																								
		VMP-62-10-073014	7/30/2014																								
		VMP-62-10-102814	10/28/2014																								
		VMP-62-10-020315	2/3/2015																								
		VMP-62-10-042815	4/28/2015																								
		VMP-62-10-072415	7/24/2015																								
		VMP-62-10-102015	10/20/2015																								
		VMP-62-10-012816	1/28/2016																								
		VMP-62-10-042516	4/25/2016																								
		VMP-62-10-072616	7/26/2016																								
		VMP-62-10-102416	10/24/2016																								
	20 ft	VMP-62-20-122313	12/23/2013																								
		VMP-62-20-122313-Dup	12/23/2013																								
		VMP-62-20-021014	2/10/2014																								
		VMP-62-20-042514	4/25/2014																								
		VMP-62-20-073014	7/30/2014																								
		VMP-62-20-102814	10/28/2014																								
		VMP-62-20-020315	2/3/2015																								
		VMP-62-20-042815	4/28/2015																								
		VMP-62-20-072415	7/24/2015																								
		VMP-62-20-102015	10/20/2015																								
		VMP-62-20-012816	1/28/2016																								
		VMP-62-20-042516	4/25/2016																								
		VMP-62-20-072616	7/26/2016																								
		VMP-62-20-102416	10/24/2016																								
	30 ft	VMP-62-30-122313	12/23/2013																								
		VMP-62-30-122313-Dup	12/23/2013																								
		VMP-62-30-021014	2/10/2014																								
		VMP-62-30-042514	4/25/2014																								
		VMP-62-30-073014	7/30/2014																								
		VMP-62-30-073014-Dup	7/30/2014																								
		VMP-62-30-102814	10/28/2014																								
		VMP-62-30-020315	2/3/2015																								
		VMP-62-30-042815	4/28/2015																								
		VMP-62-30-072415	7/24/2015																								
		VMP-62-30-102015	10/20/2015																								
		VMP-62-30-012816	1/28/2016																								
		VMP-62-30-012816-DUP	1/28/2016																								
		VMP-62-30-042516	4/25/2016																								
		VMP-62-30-072616	7/26/2016																								
		VMP-62-30-072616-DUP	7/26/2016																								
		VMP-62-30-102416	10/24/2016																								
		VMP-62-30-102416-Dup	10/24/2016																								

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-121113	12/11/2013										35												34		
		VMP-63-5-022814	2/28/2014																								
		VMP-63-5-042514	4/25/2014																								
		VMP-63-5-073014	7/30/2014																								
		VMP-63-5-102814	10/28/2014																								
		VMP-63-5-020315	2/3/2015																								
		VMP-63-5-042815	4/28/2015																								
		VMP-63-5-072415	7/24/2015																								
		VMP-63-5-102615	10/26/2015																								
		VMP-63-5-012816	1/28/2016																								
		VMP-63-5-042616	4/26/2016																								
		VMP-63-5-072516	7/25/2016																								
		VMP-63-5-102416	10/24/2016																								
	10 ft	VMP-63-10-121113	12/11/2013																								
		VMP-63-10-020714	2/7/2014																								
		VMP-63-10-042514	4/25/2014																								
		VMP-63-10-073014	7/30/2014																								
		VMP-63-10-102814	10/28/2014																								
		VMP-63-10-020315	2/3/2015																								
		VMP-63-10-042815	4/28/2015																								
		VMP-63-10-072415	7/24/2015																								
		VMP-63-10-102615	10/26/2015																								
		VMP-63-10-012816	1/28/2016																								
		VMP-63-10-042616	4/26/2016																								
		VMP-63-10-072516	7/25/2016																								
		VMP-63-10-102416	10/24/2016																								
	20 ft	VMP-63-20-121213	12/12/2013				20									14			15								
		VMP-63-20-020714	2/7/2014																								
		VMP-63-20-042514	4/25/2014																								
		VMP-63-20-073014	7/30/2014																								
		VMP-63-20-102814	10/28/2014																								
		VMP-63-20-102814-DUP	10/28/2014																								
		VMP-63-20-020315	2/3/2015																								
		VMP-63-20-020315-DUP	2/3/2015																								
		VMP-63-20-042815	4/28/2015																								
		VMP-63-20-072415	7/24/2015																								
		VMP-63-20-102615	10/26/2015																								
		VMP-63-20-012816	1/28/2016																								
		VMP-63-20-042616	4/26/2016																								
		VMP-63-20-042616-DUP	4/26/2016																								
		VMP-63-20-072516	7/25/2016																								
		VMP-63-20-102416	10/24/2016																								
	30 ft	VMP-63-30-121113	12/11/2013																								
		VMP-63-30-020714	2/7/2014																								
		VMP-63-30-042514	4/25/2014																								
		VMP-63-30-042514-DUP	4/25/2014																								
		VMP-63-30-073014	7/30/2014																								
		VMP-63-30-102814	10/28/2014																								
		VMP-63-30-020315	2/3/2015																								
		VMP-63-30-042815	4/28/2015																								
		VMP-63-30-072415	7/24/2015																								
		VMP-63-30-102615	10/26/2015																								
		VMP-63-30-102615-DUP	10/26/2015																								
		VMP-63-30-012816	1/28/2016																								
		VMP-63-30-042616	4/26/2016																								
		VMP-63-30-072516	7/25/2016																								
		VMP-63-30-072516-DUP	7/25/2016																								
		VMP-63-30-102416	10/24/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Decane, 2,2,8-trimethyl-			1-Decene, 3,4-dimethyl-			Heptadecane			Heptadecane, 2,6-dimethyl-			Heptadecane, 8-methyl-			Heptane, 3,3,5-trimethyl-			Heptane, 3-ethyl-2-methyl-			Heptane, 4-ethyl-2,2,6,6-tetramethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-122313	12/23/2013																							
		VMP-64-5-022814	2/28/2014																							
		VMP-64-5-042514	4/25/2014																							
		VMP-64-5-073114	7/31/2014																							
		VMP-64-5-102814	10/28/2014																							
		VMP-64-5-020315	2/3/2015																							
		VMP-64-5-042815	4/28/2015																							
		VMP-64-5-072415	7/24/2015																							
		VMP-64-5-102615	10/26/2015																							
		VMP-64-5-012816	1/28/2016																							
		VMP-64-5-042616	4/26/2016																							
		VMP-64-5-080216	8/2/2016																							
		VMP-64-5-080216-DUP	8/2/2016																							
		VMP-64-5-102416	10/24/2016																							
	10 ft	VMP-64-10-122313	12/23/2013																			6.3				
		VMP-64-10-021014	2/10/2014																							
		VMP-64-10-042514	4/25/2014																							
		VMP-64-10-073114	7/31/2014																							
		VMP-64-10-102814	10/28/2014																							
		VMP-64-10-020315	2/3/2015																							
		VMP-64-10-042815	4/28/2015																							
		VMP-64-10-072415	7/24/2015																							
		VMP-64-10-102615	10/26/2015																							
		VMP-64-10-012816	1/28/2016																							
		VMP-64-10-042616	4/26/2016																							
		VMP-64-10-072216	7/22/2016																							
		VMP-64-10-102416	10/24/2016																							
	20 ft	VMP-64-20-122313	12/23/2013																							
		VMP-64-20-122313-Dup	12/23/2013																							
		VMP-64-20-021014	2/10/2014																							
		VMP-64-20-042514	4/25/2014																							
		VMP-64-20-073114	7/31/2014																							
		VMP-64-20-102814	10/28/2014																							
		VMP-64-20-020315	2/3/2015																							
		VMP-64-20-042815	4/28/2015																							
		VMP-64-20-072415	7/24/2015																							
		VMP-64-20-102615	10/26/2015																							
		VMP-64-20-012816	1/28/2016																							
		VMP-64-20-042616	4/26/2016																							
		VMP-64-20-042616-DUP	4/26/2016																							
		VMP-64-20-072216	7/22/2016																							
		VMP-64-20-072216-DUP	7/22/2016																							
		VMP-64-20-102416	10/24/2016																							
		VMP-64-20-102416-Dup	10/24/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5	11/2/2009																							
		VMP-1-5-082510	8/25/2010																							
		VMP-1-5-111710	11/17/2010																							
		VMP-1-5-020411	2/4/2011																							
		VMP-1-5-041211	4/12/2011																							
		VMP-1-5-080111	8/1/2011																							
		VMP-1-5-110311	11/3/2011																							
		VMP-1-5-013012	1/30/2012																							
		VMP-1-5-041312	4/13/2012																							
		VMP-1-5-071612	7/16/2012																							
		VMP-1-5-101112	10/11/2012																							
		VMP-1-5-012113	1/21/2013																							
		VMP-1-5-012313-R	1/23/2013																							
		VMP-1-5-050813	5/8/2013																							
		VMP-1-5-072913	7/29/2013																							
		VMP-1-5-072913-Dup	7/29/2013																							
		VMP-1-5-110413	11/4/2013																							
		VMP-1-5-020714	2/7/2014																							
		VMP-1-5-043014	4/30/2014																							
		VMP-1-5-080714	8/7/2014																							
		VMP-1-5-103114	10/31/2014																							
		VMP-1-5-020915	2/9/2015																							
		VMP-1-5-050515	5/5/2015																							
		VMP-1-5-073015	7/30/2015																							
		VMP-1-5-110315	11/3/2015																							
		VMP-1-5-020316	2/3/2016																							
		VMP-1-5-050316	5/3/2016																							
		VMP-1-5-072516	7/25/2016																							
		VMP-1-5-102816	10/28/2016																							
	8.5 ft	VMP-1-8.5	11/2/2009																							
		VMP-1-8.5-082510	8/25/2010																							
		VMP-1-8.5-111710	11/17/2010																							
		VMP-1-8.5-111710-Dup	11/17/2010																							
		VMP-1-8.5-020411	2/4/2011																							
		VMP-1-8.5-041211	4/12/2011																							
		VMP-1-8.5-080111	8/1/2011																							
		VMP-1-8.5-080111-Dup	8/1/2011																							
		VMP-1-8.5-110311	11/3/2011																							
		VMP-1-8.5-013012	1/30/2012																							
		VMP-1-8.5-041612	4/16/2012																							
		VMP-1-8.5-041612-Dup	4/16/2012																							
		VMP-1-8.5-071612	7/16/2012																							
		VMP-1-8.5-101112	10/11/2012																							
		VMP-1-8.5-012113	1/21/2013																							
		VMP-1-8.5-012313-R	1/23/2013																							
		VMP-1-8.5-050813	5/8/2013																							
		VMP-1-8.5-072913	7/29/2013																							
		VMP-1-8.5-110413	11/4/2013																							
		VMP-1-8.5-020714	2/7/2014																							
		VMP-1-8.5-043014	4/30/2014																							
		VMP-1-8.5-080714	8/7/2014																							
		VMP-1-8.5-103114	10/31/2014																							
		VMP-1-8-020915	2/9/2015																							
		VMP-1-8.5-050515	5/5/2015																							
		VMP-1-8.5-073015	7/30/2015																							
		VMP-1-8.5-110315	11/3/2015																							
		VMP-1-8.5-020316	2/3/2016																							
		VMP-1-8.5-050316	5/3/2016																							
		VMP-1-8.5-072516	7/25/2016																							
		VMP-1-8.5-102816	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-1	23.5 ft	VMP-1-23.5	11/2/2009																							
		VMP - 1 - 23.5 - 083010	8/30/2010																							
		VMP-1-23.5-111810	11/17/2010																							
		VMP-1-23.5-020411	2/4/2011																							
		VMP-1-23.5-041211	4/12/2011																							
		VMP-1-23.5-041211-DUP	4/12/2011																							
		VMP-1-23.5-080111	8/1/2011																							
		VMP-1-23.5-110611	11/6/2011																							
		VMP-1-23.5-013112	1/31/2012																							
		VMP-1-23.5-041612	4/16/2012																							
		VMP-1-23.5-071612	7/16/2012																							
		VMP-1-23.5-102412	10/24/2012																							
		VMP-1-23.5-012113	1/21/2013																							
		VMP-1-23.5-012313-R	1/23/2013																							
		VMP-1-23.5-050813	5/8/2013																							
		VMP-1-23.5-050813-Dup	5/8/2013																							
		VMP-1-23.5-072913	7/29/2013																							
		VMP-1-23.5-110413	11/4/2013																							
		VMP-1-23.5-020714	2/7/2014																							
		VMP-1-23.5-043014	4/30/2014																							
		VMP-1-23.5-080714	8/7/2014																							
		VMP-1-23.5-103114	10/31/2014																							
		VMP-1-23.5-020915	2/9/2015																							
		VMP-1-23.5-050515	5/5/2015																							
		VMP-1-23.5-073015	7/30/2015																							
		VMP-1-23.5-110315	11/3/2015																							
		VMP-1-23.5-020316	2/3/2016																							
		VMP-1-23.5-050316	5/3/2016																							
		VMP-1-23.5-050316-DUP	5/3/2016																							
		VMP-1-23.5-072516	7/25/2016																							
		VMP-1-23.5-072516-DUP	7/25/2016																							
		VMP1-23.5-102816	10/28/2016																							
	38.5 ft	VMP-1-38.5	11/2/2009																							
		VMP-1-38.5-073112	7/31/2012																							
		VMP-1-38.5-102612	10/26/2012																							
		VMP-1-38.5-012113	1/21/2013																							
		VMP-1-38.5-012313-R	1/23/2013																							
		VMP-1-38.5-050913	5/9/2013																							
		VMP-1-38.5-020714	2/7/2014																							
		VMP-1-38.5-020714-Dup	2/7/2014																							
		VMP-1-38.5-043014	4/30/2014																							
		VMP-1-38.5-080714	8/7/2014																							
		VMP-1-38.5-103114	10/31/2014																							
		VMP-1-38.5-020915	2/9/2015																							
		VMP-1-38.5-020915-DUP	2/9/2015																							
		VMP-1-38.5-050515	5/5/2015																							
		VMP-1-38.5-061515-R	6/15/2015																							
		VMP-1-38.5-073015	7/30/2015																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-2	5 ft	VMP-2-5	11/2/2009																							
		VMP - 2 - 5 - 083110	8/31/2010																							
		VMP-2-5-111610	11/16/2010																							
		VMP-2-5-020411	2/4/2011																							
		VMP-2-5-041311	4/13/2011																							
		VMP-2-5-080211	8/2/2011																							
		VMP-2-5-110711	11/7/2011																							
		VMP-2-5-012512	1/25/2012																							
		VMP-2-5-042512	4/25/2012																							
		VMP-2-5-071612	7/16/2012																							
		VMP-2-5-102412	10/24/2012																							
		VMP-2-5-013113	1/31/2013																							
		VMP-2-5-050613	5/6/2013																							
		VMP-2-5-022614	2/26/2014																							
		VMP-2-5-050114	5/1/2014																							
		VMP-2-5-111014	11/10/2014																							
		VMP-2-5-021015	2/10/2015																							
		VMP-2-5-050615	5/6/2015																							
		VMP-2-5-110415	11/4/2015																							
		VMP-2-5-020116	2/1/2016																							
		VMP-2-5-042716	4/27/2016																							
		VMP-2-5-072616	7/26/2016																							
		VMP-2-5-102616	10/26/2016																							
	8.5 ft	VMP-2-8.5	11/3/2009																							
		VMP-2-8.5-D	11/3/2009																							
		VMP - 2 - 8.5 - 083110	8/31/2010																							
		VMP-2-8.5-111610	11/16/2010																							
		VMP-2-8.5-020411	2/4/2011																							
		VMP-2-8.5-041311	4/13/2011																							
		VMP-2-8.5-080211	8/2/2011																							
		VMP-2-8.5-110711	11/7/2011																							
		VMP-2-8.5-012612	1/26/2012																							
		VMP-2-8.5-012612-DUP	1/26/2012																							
		VMP-2-8.5-041612	4/16/2012																							
		VMP-2-8.5-041612-Dup	4/16/2012																							
		VMP-2-8.5-071612	7/16/2012																							
		VMP-2-8.5-071612-Dup	7/16/2012																							
		VMP-2-8.5-102312	10/23/2012																							
		VMP-2-8.5-020513	2/5/2013																							
		VMP-2-8.5-050613	5/6/2013																							
		VMP-2-8.5-050613-Dup	5/6/2013																							
		VMP-2-8.5-022614	2/26/2014																							
		VMP-2-8.5-050114	5/1/2014																							
		VMP-2-8.5-081514	8/15/2014																							
		VMP-2-8.5-081514-DUP	8/15/2014																							
		VMP-2-8.5-111014	11/10/2014																							
		VMP-2-8.5-021015	2/10/2015																							
		VMP-2-8.5-050615	5/6/2015																							
		VMP-2-8.5-110415	11/4/2015																							
		VMP-2-8.5-021616	2/16/2016																							
		VMP-2-8.5-042716	4/27/2016																							
		VMP-2-8.5-072616	7/26/2016																							
		VMP-2-8.5-102616	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-2	22 ft	VMP-2-22	11/3/2009																							
		VMP - 2 - 22 - 083110	8/31/2010																							
		VMP-2-22-111610	11/16/2010																							
		VMP-2-22-020411	2/4/2011																							
		VMP-2-22-041311	4/13/2011																							
		VMP-2-22-080211	8/2/2011																							
		VMP-2-22-110711	11/7/2011																							
		VMP-2-22-012612	1/26/2012																							
		VMP-2-22-042712	4/27/2012																							
		VMP-2-22-071612	7/16/2012																							
		VMP-2-22-102312	10/23/2012																							
		VMP-2-22-013113	1/31/2013																							
		VMP-2-22-050613	5/6/2013																							
		VMP-2-22-081213	8/12/2013																							
		VMP-2-22-111513	11/15/2013																							
		VMP-2-22-022614	2/26/2014																							
		VMP-2-22-050114	5/1/2014																							
		VMP-2-22-081414	8/14/2014																							
		VMP-2-22-111014	11/10/2014																							
		VMP-2-22-021015	2/10/2015																							
		VMP-2-22-021015-DUP	2/10/2015																							
		VMP-2-22-050615	5/6/2015																							
		VMP-2-22-073015	7/30/2015																							
		VMP-2-22-110415	11/4/2015																							
		VMP-2-22-020116	2/1/2016																							
		VMP-2-22-020116-DUP	2/1/2016																							
		VMP-2-22-042716	4/27/2016																							
		VMP-2-22-072616	7/26/2016																							
		VMP-2-22-102616	10/26/2016																							
	42 ft	VMP-2-42	11/3/2009																							
		VMP-2-42-013113	1/31/2013																							
		VMP-2-42-050613	5/6/2013																							
		VMP-2-42-022614	2/26/2014																							
		VMP-2-42-050114	5/1/2014																							
		VMP-2-42-081414	8/14/2014																							
		VMP-2-42-021015	2/10/2015																							
		VMP-2-42-050615	5/6/2015																							
		VMP-2-42-061515-R	6/15/2015																							
		VMP-2-42-073015	7/30/2015																							
VMP-3	5 ft	VMP-3-5	11/3/2009																							
		VMP-3-5-090910	9/9/2010																							
		VMP-3-5-112210	11/22/2010																							
		VMP-3-5-020911	2/9/2011																							
		VMP-3-5-041411	4/14/2011																							
		VMP-3-5-080211	8/2/2011																							
		VMP-3-5-110811	11/8/2011																							
		VMP-3-5-110811-DUP	11/8/2011																							
		VMP-3-5-012712	1/27/2012																							
		VMP-3-5-041912	4/19/2012																							
		VMP-3-5-072712	7/27/2012																							
		VMP-3-5-060413	6/4/2013																							
		VMP-3-5-072913	7/29/2013																							
		VMP-3-5-110613	11/6/2013																							
		VMP-3-5-021314	2/13/2014																							
		VMP-3-5-050214	5/2/2014																							
		VMP-3-5-081214	8/12/2014																							
		VMP-3-5-103114	10/31/2014																							
		VMP-3-5-020915	2/9/2015																							
		VMP-3-5-050415	5/4/2015																							
		VMP-3-5-072915	7/29/2015																							
		VMP-3-5-110515	11/5/2015																							
		VMP-3-5-021616	2/16/2016																							
		VMP-3-5-042716	4/27/2016																							
		VMP-3-5-080116	8/1/2016																							
		VMP-3-5-102616	10/26/2016																							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10	6/21/2010																								
		VMP 3-10-091010	9/10/2010																								
		VMP-3-10-092010	9/20/2010																								
		VMP-3-10-112210	11/22/2010																								
		VMP-3-10-112210-Dup	11/22/2010																								
		VMP-3-10-020811	2/8/2011																								
		VMP-3-10-041311	4/13/2011																								
		VMP-3-10-080311	8/3/2011																								
		VMP-3-10-110811	11/8/2011																								
		VMP-3-10-012712	1/27/2012																								
		VMP-3-10-042012	4/20/2012																								
		VMP-3-10-072312	7/23/2012																								
		VMP-3-10-101812	10/18/2012																								
		VMP-3-10-020613	2/6/2013																								
		VMP-3-10-060413	6/4/2013																								
		VMP-3-10-072913	7/29/2013																								
		VMP-3-10-110613	11/6/2013																								
		VMP-3-10-022814	2/28/2014																								
		VMP-3-10-022814-Dup	2/28/2014																								
		VMP-3-10-050214	5/2/2014																								
		VMP-3-10-081214	8/12/2014																								
		VMP-3-10-103114	10/31/2014																								
		VMP-3-10-020915	2/9/2015																								
		VMP-3-10-050415	5/4/2015																								
		VMP-3-10-072915	7/29/2015																								
		VMP-3-10-110315	11/3/2015																								
		VMP-3-10-021616	2/16/2016																								
		VMP-3-10-042716	4/27/2016																								
		VMP-3-10-080216	8/2/2016																								
		VMP-3-10-102616	10/26/2016																								
	22 ft	VMP-3-22	11/4/2009																								
		VMP-3-22-092010	9/20/2010																								
		VMP-3-22-112210	11/22/2010																								
		VMP-3-22-020811	2/8/2011																								
		VMP-3-22-041511	4/15/2011																								
		VMP-3-22-080611	8/6/2011																								
		VMP-3-22-110811	11/8/2011																								
		VMP-3-22-013012	1/30/2012																								
		VMP-3-22-042012	4/20/2012																								
		VMP-3-22-072312	7/23/2012																								
		VMP-3-22-101812	10/18/2012																								
		VMP-3-22-020613	2/6/2013																								
		VMP-3-22-060413	6/4/2013																								
		VMP-3-22-060413-Dup	6/4/2013																								
		VMP-3-22-072913	7/29/2013																								
		VMP-3-22-110613	11/6/2013																								
		VMP-3-22-110613-Dup	11/6/2013																								
		VMP-3-22-021314	2/13/2014																								
		VMP-3-22-050214	5/2/2014																								
		VMP-3-22-081214	8/12/2014																								
		VMP-3-22-103114	10/31/2014																								
		VMP-3-22-020915	2/9/2015																								
		VMP-3-22-050815	5/8/2015																								
		VMP-3-22-072915	7/29/2015																								
		VMP-3-22-110315	11/3/2015																								
		VMP-3-22-021616	2/16/2016																								
		VMP-3-22-042716	4/27/2016																								
		VMP-3-22-080116	8/1/2016																								
		VMP-3-22-102616	10/26/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-3	31.5 ft	VMP-3-31.5	11/4/2009																							
		VMP-3-31.5-090910	9/9/2010																							
		VMP-3-31.5-112210	11/22/2010																							
		VMP-3-31.5-020911	2/9/2011																							
		VMP-3-31.5-041411	4/14/2011																							
		VMP-3-31.5-041411-DUP	4/14/2011																							
		VMP-3-31.5-080211	8/2/2011																							
		VMP-3-31.5-080211-Dup	8/2/2011																							
		VMP-3-31.5-110811	11/8/2011																							
		VMP-3-31.5-012712	1/27/2012																							
		VMP-3-31.5-041912	4/19/2012																							
		VMP-3-31.5-041912-Dup	4/19/2012																							
		VMP-3-31.5-072312	7/23/2012																							
		VMP-3-31.5-101912	10/19/2012																							
		VMP-3-31.5-020713	2/7/2013																							
		VMP-3-31.5-060413	6/4/2013																							
		VMP-3-31.5-072913	7/29/2013																							
		VMP-3-31.5-110613	11/6/2013																							
		VMP-3-31.5-022114	2/21/2014																							
		VMP-3-31.5-050214	5/2/2014																							
		VMP-3-31.5-081214	8/12/2014																							
		VMP-3-31.5-103114	10/31/2014																							
		VMP-3-31.5-020915	2/9/2015																							
		VMP-3-31.5-110315	11/3/2015																							
		VMP-3-31.5-020116	2/1/2016																							
		VMP-3-31.5-042716	4/27/2016																							
		VMP-3-31.5-080116	8/1/2016																							
		VMP-3-31.5-102616	10/26/2016																							
	39 ft	VMP-3-39	11/4/2009																							
		VMP-3-39-101912	10/19/2012																							
		VMP-3-39-021213	2/12/2013																							
		VMP-3-39-060413	6/4/2013																							
		VMP-3-39-072913	7/29/2013																							
		VMP-3-39-110613	11/6/2013																							
		VMP-3-39-022114	2/21/2014																							
		VMP-3-39-050214	5/2/2014																							
		VMP-3-39-050214-Dup	5/2/2014																							
		VMP-3-39-081214	8/12/2014																							
		VMP-3-39-103114	10/31/2014																							
		VMP-3-39-020915	2/9/2015																							
		VMP-3-39-110315	11/3/2015																							
		VMP-3-39-020116	2/1/2016																							
		VMP-3-39-020116-DUP	2/1/2016																							
VMP-4	5 ft	VMP-4-5	11/5/2009																							
		VMP-4-5-082510	8/25/2010																							
		VMP-4-5-112210	11/22/2010																							
		VMP-4-5-021411	2/14/2011																							
		VMP-4-5-041911	4/19/2011																							
		VMP-4-5-080311	8/3/2011																							
		VMP-4-5-110911	11/9/2011																							
		VMP-4-5-013012	1/30/2012																							
		VMP-4-5-042512	4/25/2012																							
		VMP-4-5-072512	7/25/2012																							
		VMP-4-5-101812	10/18/2012																							
		VMP-4-5-020713	2/7/2013																							
		VMP-4-5-050913	5/9/2013																							
		VMP-4-5-080113	8/1/2013																							
		VMP-4-5-120313-R	12/3/2013																							
		VMP-4-5-022714	2/27/2014																							
		VMP-4-5-050214	5/2/2014																							
		VMP-4-5-081514	8/15/2014																							
		VMP-4-5-021015	2/10/2015																							
		VMP-4-5-110215	11/2/2015																							
		VMP-4-5-020316	2/3/2016																							
		VMP-4-5-050516	5/5/2016																							
		VMP-4-5-080216	8/2/2016																							
		VMP-4-5-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-4	12 ft	VMP-4-12	11/5/2009																								
		VMP-4-12-082510	8/25/2010																								
		VMP-4-12-112310	11/23/2010																								
		VMP-4-12-021411	2/14/2011																								
		VMP-4-12-041911	4/19/2011																								
		VMP-4-12-080311	8/3/2011																								
		VMP-4-12-080311-Dup	8/3/2011																								
		VMP-4-12-110911	11/9/2011																								
		VMP-4-12-013012	1/30/2012																								
		VMP-4-12-041812	4/18/2012																								
		VMP-4-12-072312	7/23/2012																								
		VMP-4-12-101812	10/18/2012																								
		VMP-4-12-101812-Dup	10/18/2012																								
		VMP-4-12-020713	2/7/2013																								
		VMP-4-12-020713-DUP	2/7/2013																								
		VMP-4-12-050913	5/9/2013																								
		VMP-4-12-080113	8/1/2013																								
		VMP-4-12-120313-R	12/3/2013																								
		VMP-4-12-022714	2/27/2014																								
		VMP-4-12-050214	5/2/2014																								
		VMP-4-12-081414	8/14/2014																								
		VMP-4-12-021015	2/10/2015																								
		VMP-4-12-051115	5/11/2015																								
		VMP-4-12-080315	8/3/2015																								
		VMP-4-12-110215	11/2/2015																								
		VMP-4-12-020316	2/3/2016																								
		VMP-4-12-050316	5/3/2016																								
		VMP-4-12-080216	8/2/2016																								
		VMP-4-12-102816	10/28/2016																								
	23.5 ft	VMP-4-23.5	11/5/2009																								
		VMP - 4 - 23.5 - 083110	8/31/2010																								
		VMP-4-23.5-112310	11/23/2010																								
		VMP-4-23.5-021411	2/14/2011																								
		VMP-4-23.5-042011	4/20/2011																								
		VMP-4-23.5-042011-DUP	4/20/2011																								
		VMP-4-23.5-080611	8/6/2011																								
		VMP-4-23.5-110911	11/9/2011																								
		VMP-4-23.5-013012	1/30/2012																								
		VMP-4-23.5-013012-DUP	1/30/2012																								
		VMP-4-23.5-041912	4/19/2012																								
		VMP-4-23.5-072312	7/23/2012																								
		VMP-4-23.5-101812	10/18/2012																								
		VMP-4-23.5-020713	2/7/2013																								
		VMP-4-23.5-051513	5/15/2013																								
		VMP-4-23.5-080113	8/1/2013																								
		VMP-4-23.5-080113-Dup	8/1/2013																								
		VMP-4-23.5-110713	11/7/2013																								
		VMP-4-23.5-022714	2/27/2014																								
		VMP-4-23.5-050214	5/2/2014																								
		VMP-4-23.5-081314	8/13/2014																								
		VMP-4-23.5-090414-R	9/4/2014																								
		VMP-4-23.5-110714	11/7/2014																								
		VMP-4-23.5-021015	2/10/2015																								
		VMP-4-23.5-050815	5/8/2015																								
		VMP-4-23.5-061515-R	6/15/2015																								
		VMP-4-23.5-073015	7/30/2015																								
		VMP-4-23.5-110215	11/2/2015																								
		VMP-4-23.5-020316	2/3/2016																								
		VMP-4-23.5-020316-DUP	2/3/2016																								
		VMP-4-23.5-050316	5/3/2016																								
		VMP-4-23.5-080216	8/2/2016																								
		VMP-4-23.5-080216-DUP	8/2/2016																								
		VMP-4-23.5-092316-DUP-R	9/23/2016																								
		VMP-4-23.5-092316-R	9/23/2016																								
		VMP-4-23.5-102816	10/28/2016																								

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-4	39 ft	VMP-4-39	11/5/2009																							
		VMP-4-39-042111	4/21/2011																							
		VMP-4-39-041912	4/19/2012																							
		VMP-4-39-072312	7/23/2012																							
		VMP-4-39-101812	10/18/2012																							
		VMP-4-39-101812-Dup	10/18/2012																							
		VMP-4-39-020713	2/7/2013																							
		VMP-4-39-051513	5/15/2013																							
		VMP-4-39-110713	11/7/2013																							
		VMP-4-39-022714	2/27/2014																							
		VMP-4-39-050214	5/2/2014																							
		VMP-4-39-081314	8/13/2014																							
VMP-5	5 ft	VMP-5-5	11/5/2009																							
		VMP-5-5-090910	9/9/2010																							
		VMP-5-5-112210	11/22/2010																							
		VMP-5-5-021611	2/16/2011																							
		VMP-5-5-042111	4/21/2011																							
		VMP-5-5-080511	8/5/2011																							
		VMP-5-5-111111	11/11/2011																							
		VMP-5-5-013012	1/30/2012																							
		VMP-5-5-041112	4/11/2012																							
		VMP-5-5-071312	7/13/2012																							
		VMP-5-5-101212	10/12/2012																							
		VMP-5-5-012513	1/25/2013																							
		VMP-5-5-042913	4/29/2013																							
		VMP-5-5-082313-R	8/23/2013																							
		VMP-5-5-110513	11/5/2013																							
		VMP-5-5-021814	2/18/2014																							
		VMP-5-5-042814	4/28/2014																							
		VMP-5-5-080814	8/8/2014																							
		VMP-5-5-110514	11/5/2014																							
		VMP-5-5-013015	1/30/2015																							
		VMP-5-5-042915	4/29/2015																							
		VMP-5-5-072915	7/29/2015																							
		VMP-5-5-102915	10/29/2015																							
		VMP-5-5-012516	1/25/2016																							
		VMP-5-5-042816	4/28/2016																							
		VMP-5-5-072816	7/28/2016																							
		VMP-5-5-102516	10/25/2016																							
	12.5 ft	VMP-5-12.5	11/6/2009																							
		VMP-5-12.5-D	11/6/2009																							
		VMP-5-12.5-090910	9/9/2010																							
		VMP-5-12.5-112310	11/23/2010																							
		VMP-5-12.5-021611	2/16/2011																							
		VMP-5-12.5-042111	4/21/2011																							
		VMP-5-12.5-080611	8/6/2011																							
		VMP-5-12.5-111111	11/11/2011																							
		VMP-5-12.5-013012	1/30/2012																							
		VMP-5-12.5-041112	4/11/2012																							
		VMP-5-12.5-071212	7/12/2012																							
		VMP-5-12.5-101112	10/11/2012																							
		VMP-5-12.5-012413	1/24/2013																							
		VMP-5-12.5-042913	4/29/2013																							
		VMP-5-12.5-080113	8/1/2013																							
		VMP-5-12.5-110513	11/5/2013																							
		VMP-5-12.5-021814	2/18/2014																							
		VMP-5-12.5-042814	4/28/2014																							
		VMP-5-12.5-080814	8/8/2014																							
		VMP-5-12.5-110514	11/5/2014																							
		VMP-5-12.5-110514-DUP	11/5/2014																							
		VMP-5-12.5-013015	1/30/2015																							
		VMP-5-12.5-042915	4/29/2015																							
		VMP-5-12.5-072915	7/29/2015																							
		VMP-5-12.5-102915	10/29/2015																							
		VMP-5-12.5-012516	1/25/2016																							
		VMP-5-12.5-042816	4/28/2016																							
		VMP-5-12.5-072816	7/28/2016																							
		VMP-5-12.5-102516	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31	11/6/2009																							
		VMP-5-31-090910	9/9/2010																							
		VMP-5-31-112310	11/23/2010																							
		VMP-5-31-021611	2/16/2011																							
		VMP-5-31-042111	4/21/2011																							
		VMP-5-31-080611	8/6/2011																							
		VMP-5-31-111111	11/11/2011																							
		VMP-5-31-013012	1/30/2012																							
		VMP-5-31-041112	4/11/2012																							
		VMP-5-31-071212	7/12/2012																							
		VMP-5-31-101112	10/11/2012																							
		VMP-5-31-012413	1/24/2013																							
		VMP-5-31-042913	4/29/2013																							
		VMP-5-31-080113	8/1/2013																							
		VMP-5-31-110513	11/5/2013																							
		VMP-5-31-110513-Dup	11/5/2013																							
		VMP-5-31-021814	2/18/2014																							
		VMP-5-31-042814	4/28/2014																							
		VMP-5-31-080814	8/8/2014																							
		VMP-5-31-110514	11/5/2014																							
		VMP-5-31-013015	1/30/2015																							
		VMP-5-31-042915	4/29/2015																							
		VMP-5-31-072915	7/29/2015																							
		VMP-5-31-102915	10/29/2015																							
		VMP-5-31-030916-R	3/9/2016																							
		VMP-5-31-042816	4/28/2016																							
		VMP-5-31-072816	7/28/2016																							
		VMP-5-31-102516	10/26/2016																							
	40 ft	VMP-5-40	11/6/2009																							
		VMP-5-40-042111	4/21/2011																							
		VMP-5-40-013012	1/30/2012																							
		VMP-5-40-041212	4/12/2012																							
		VMP-5-40-071212	7/12/2012																							
		VMP-5-40-101112	10/11/2012																							
		VMP-5-40-012513	1/25/2013																							
		VMP-5-40-012513-Dup	1/25/2013																							
		VMP-5-40-042913	4/29/2013																							
		VMP-5-40-080113	8/1/2013																							
		VMP-5-40-110513	11/5/2013																							
		VMP-5-40-021814	2/18/2014																							
		VMP-5-40-021814-Dup	2/18/2014																							
		VMP-5-40-042814	4/28/2014																							
		VMP-5-40-042814-Dup	4/28/2014																							
		VMP-5-40-080814	8/8/2014																							
		VMP-5-40-080814-DUP	8/8/2014																							
		VMP-5-40-110514	11/5/2014																							
		VMP-5-40-013015	1/30/2015																							
		VMP-5-40-042915	4/29/2015																							
		VMP-5-40-072915	7/29/2015																							
		VMP-5-40-102915	10/29/2015																							
		VMP-5-40-012516	1/25/2016																							
		VMP-5-40-012516-DUP	1/25/2016																							
		VMP-5-40-042816	4/28/2016																							
		VMP-5-40-072816	7/28/2016																							
		VMP-5-40-102516	10/26/2016																							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-6	5 ft	VMP-6-5	11/6/2009																							
		VMP-6-5-090810	9/8/2010																							
		VMP-6-5-111610	11/16/2010																							
		VMP-6-5-020711	2/7/2011																							
		VMP-6-5-040811	4/8/2011																							
		VMP-6-5-080411	8/4/2011																							
		VMP-6-5-110911	11/9/2011																							
		VMP-6-5-013112	1/31/2012																							
		VMP-6-5-041212	4/12/2012																							
		VMP-6-5-071612	7/16/2012																							
		VMP-6-5-101012	10/10/2012																							
		VMP-6-5-021213	2/12/2013																							
		VMP-6-5-022714	2/27/2014																							
		VMP-6-5-042914	4/29/2014																							
		VMP-6-5-080814	8/8/2014																							
		VMP-6-5-110514	11/5/2014																							
		VMP-6-5-020915	2/9/2015																							
		VMP-6-5-042915	4/29/2015																							
		VMP-6-5-072715	7/27/2015																							
		VMP-6-5-102915	10/29/2015																							
		VMP-6-5-020116	2/1/2016																							
		VMP-6-5-042516	4/25/2016																							
		VMP-6-5-072816	7/28/2016																							
		VMP-6-5-102816	10/28/2016																							
	10 ft	VMP-6-10	11/6/2009																							
		VMP-6-10-090810	9/8/2010																							
		VMP-6-10-111710	11/17/2010																							
		VMP-6-10-020711	2/7/2011																							
		VMP-6-10-040811	4/8/2011																							
		VMP-6-10-080411	8/4/2011																							
		VMP-6-10-111011	11/10/2011																							
		VMP-6-10-013112	1/31/2012																							
		VMP-6-10-041212	4/12/2012																							
		VMP-6-10-071612	7/16/2012																							
		VMP-6-10-101112	10/11/2012																							
		VMP-6-10-020513	2/5/2013																							
		VMP-6-10-051513	5/15/2013																							
		VMP-6-10-080813	8/8/2013																							
		VMP-6-10-110513	11/5/2013																							
		VMP-6-10-022714	2/27/2014																							
		VMP-6-10-042914	4/29/2014																							
		VMP-6-10-080814	8/8/2014																							
		VMP-6-10-110514	11/5/2014																							
		VMP-6-10-020915	2/9/2015																							
		VMP-6-10-042915	4/29/2015																							
		VMP-6-10-072715	7/27/2015																							
		VMP-6-10-102915	10/29/2015																							
		VMP-6-10-020116	2/1/2016																							
		VMP-6-10-042516	4/25/2016																							
		VMP-6-10-072816	7/28/2016																							
		VMP-6-10-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-6	31.5 ft	VMP-6-31.5	11/9/2009																							
		VMP-6-31.5-090810	9/8/2010																							
		VMP-6-31.5-111710	11/17/2010																							
		VMP-6-31.5-020711	2/7/2011																							
		VMP-6-31.5-041111	4/11/2011																							
		VMP-6-31.5-080411	8/4/2011																							
		VMP-6-31.5-111011	11/10/2011																							
		VMP-6-31.5-013112	1/31/2012																							
		VMP-6-31.5-041212	4/12/2012																							
		VMP-6-31.5-071612	7/16/2012																							
		VMP-6-31.5-101112	10/11/2012																							
		VMP-6-31.5-020513	2/5/2013																							
		VMP-6-31.5-042913	4/29/2013																							
		VMP-6-31.5-080813	8/8/2013																							
		VMP-6-31.5-110513	11/5/2013																							
		VMP-6-31.5-022714	2/27/2014																							
		VMP-6-31.5-042914	4/29/2014																							
		VMP-6-31.5-080814	8/8/2014																							
		VMP-6-31.5-110514	11/5/2014																							
		VMP-6-31.5-020915	2/9/2015																							
		VMP-6-31.5-042915	4/29/2015																							
		VMP-6-31.5-042915-DUP	4/29/2015																							
		VMP-6-31.5-072715	7/27/2015																							
		VMP-6-31.5-112515	11/25/2015																							
		VMP-6-31.5-020116	2/1/2016																							
		VMP-6-31.5-042516	4/25/2016																							
		VMP-6-31.5-072816	7/28/2016																							
		VMP-6-31.5-102816	10/28/2016																							
	39 ft	VMP-6-39	11/9/2009																							
		VMP-6-39-041111	4/11/2011																							
		VMP-6-39-013112	1/31/2012																							
		VMP-6-39-041212	4/12/2012																							
		VMP-6-39-071612	7/16/2012																							
		VMP-6-39-071612-Dup	7/16/2012																							
		VMP-6-39-101112	10/11/2012																							
		VMP-6-39-020513	2/5/2013																							
		VMP-6-39-050913	5/9/2013																							
		VMP-6-39-050913-Dup	5/9/2013																							
		VMP-6-39-080813-Dup	8/8/2013																							
		VMP-6-39-081513	8/15/2013																							
		VMP-6-39-110513	11/5/2013																							
		VMP-6-39-022714	2/27/2014																							
		VMP-6-39-042914	4/29/2014																							
		VMP-6-39-080814	8/8/2014																							
		VMP-6-39-110514	11/5/2014																							
		VMP-6-39-020915	2/9/2015																							
		VMP-6-39-020915-DUP	2/9/2015																							
		VMP-6-39-042915	4/29/2015																							
		VMP-6-39-072715	7/27/2015																							
		VMP-6-39-072715-DUP	7/27/2015																							
		VMP-6-39-102915	10/29/2015																							
		VMP-6-39-102915-DUP	10/29/2015																							
		VMP-6-39-020116	2/1/2016																							
		VMP-6-39-020116-DUP	2/1/2016																							
		VMP-6-39-042516	4/25/2016																							
		VMP-6-39-072816	7/28/2016																							
		VMP-6-39-102816	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5	11/9/2009																							
		VMP-7-5-082610	8/26/2010																							
		VMP-7-5-111910	11/19/2010																							
		VMP-7-5-020711	2/7/2011																							
		VMP-7-5-040711	4/7/2011																							
		VMP-7-5-080211	8/2/2011																							
		VMP-7-5-111011	11/10/2011																							
		VMP-7-5-111011-DUP	11/10/2011																							
		VMP-7-5-013112	1/31/2012																							
		VMP-7-5-041212	4/12/2012																							
		VMP-7-5-073112	7/31/2012																							
		VMP-7-5-101012	10/10/2012																							
		VMP-7-5-060613	6/6/2013																							
		VMP-7-5-073013	7/30/2013																							
		VMP-7-5-102213	10/22/2013																							
		VMP-7-5-022414	2/24/2014																							
		VMP-7-5-043014	4/30/2014																							
		VMP-7-5-080514	8/5/2014																							
		VMP-7-5-102714	10/27/2014																							
		VMP-7-5-020215	2/2/2015																							
		VMP-7-5-043015	4/30/2015																							
		VMP-7-5-072715	7/27/2015																							
		VMP-7-5-102815	10/28/2015																							
		VMP-7-5-012716	1/27/2016																							
		VMP-7-5-042916	4/29/2016																							
		VMP-7-5-072616	7/26/2016																							
		VMP-7-5-102516	10/25/2016																							
	13.5 ft	VMP-7-13.5	11/9/2009																							
		VMP-7-13.5-082610	8/26/2010																							
		VMP-7-13.5-111910	11/19/2010																							
		VMP-7-13.5-020711	2/7/2011																							
		VMP-7-13.5-040711	4/7/2011																							
		VMP-7-13.5-080311	8/3/2011																							
		VMP-7-13.5-111011	11/10/2011																							
		VMP-7-13.5-013112	1/31/2012																							
		VMP-7-13.5-013112-DUP	1/31/2012																							
		VMP-7-13.5-041212	4/12/2012																							
		VMP-7-13.5-041212-DUP	4/12/2012																							
		VMP-7-13.5-072012	7/20/2012																							
		VMP-7-13.5-101012	10/10/2012																							
		VMP-7-13.5-021313	2/13/2013																							
		VMP-7-13.5-060513	6/5/2013																							
		VMP-7-13.5-073013	7/30/2013																							
		VMP-7-13.5-110113	11/1/2013																							
		VMP-7-13.5-022414	2/24/2014																							
		VMP-7-13.5-043014	4/30/2014																							
		VMP-7-13.5-080514	8/5/2014																							
		VMP-7-13.5-102714	10/27/2014																							
		VMP-7-13.5-020215	2/2/2015																							
		VMP-7-13.5-043015	4/30/2015																							
		VMP-7-13.5-072715	7/27/2015																							
		VMP-7-13.5-102815	10/28/2015																							
		VMP-7-13.5-012716	1/27/2016																							
		VMP-7-13.5-042916	4/29/2016																							
		VMP-7-13.5-072616	7/26/2016																							
		VMP-7-13.5-102516	10/25/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5	11/9/2009																							
		VMP - 7 - 29.5 - 083110	8/31/2010																							
		VMP-7-29.5-111910	11/19/2010																							
		VMP-7-29.5-020711	2/7/2011																							
		VMP-7-29.5-040711	4/7/2011																							
		VMP-7-29.5-080311	8/3/2011																							
		VMP-7-29.5-111111	11/11/2011																							
		VMP-7-29.5-020112	2/1/2012																							
		VMP-7-29.5-041312	4/13/2012																							
		VMP-7-29.5-072012	7/20/2012																							
		VMP-7-29.5-072012-Dup	7/20/2012																							
		VMP-7-29.5-101012	10/10/2012																							
		VMP-7-29.5-060613	6/6/2013																							
		VMP-7-29.5-073013	7/30/2013																							
		VMP-7-29.5-102213	10/22/2013																							
		VMP-7-29.5-022414	2/24/2014																							
		VMP-7-29.5-043014	4/30/2014																							
		VMP-7-29.5-080514	8/5/2014																							
		VMP-7-29.5-102714	10/27/2014																							
		VMP-7-29.5-020215	2/2/2015																							
		VMP-7-29.5-043015	4/30/2015																							
		VMP-7-29.5-072715	7/27/2015																							
		VMP-7-29.5-102815	10/28/2015																							
		VMP-7-29.5-012716	1/27/2016																							
		VMP-7-29.5-042916	4/29/2016																							
		VMP-7-29.5-072616	7/26/2016																							
		VMP-7-29.5-102516	10/25/2016																							
	38 ft	VMP-7-38	11/9/2009																							
		VMP-7-38-020711	2/7/2011																							
		VMP-7-38-040711	4/7/2011																							
		VMP-7-38-020112	2/1/2012																							
		VMP-7-38-042512	4/25/2012																							
		VMP-7-38-042512-Dup	4/25/2012																							
		VMP-7-38-101112	10/11/2012																							
		VMP-7-38-060613	6/6/2013																							
		VMP-7-38-073013	7/30/2013																							
		VMP-7-38-110113	11/1/2013																							
		VMP-7-38-022414	2/24/2014																							
		VMP-7-38-043014	4/30/2014																							
		VMP-7-38-043014-DUP	4/30/2014																							
		VMP-7-38-080514	8/5/2014																							
		VMP-7-38-080514-DUP	8/5/2014																							
		VMP-7-38-102714	10/27/2014																							
		VMP-7-38-020215	2/2/2015																							
		VMP-7-38-043015	4/30/2015																							
		VMP-7-38-072715	7/27/2015																							
		VMP-7-38-102815	10/28/2015																							
		VMP-7-38-102815-DUP	10/28/2015																							
		VMP-7-38-012716	1/27/2016																							
		VMP-7-38-012716-DUP	1/27/2016																							
		VMP-7-38-042916	4/29/2016																							
		VMP-7-38-042916-DUP	4/29/2016																							
		VMP-7-38-072616	7/26/2016																							
		VMP-7-38-072616-DUP	7/26/2016																							
		VMP-7-38-102516	10/25/2016																							
		VMP-7-38-102516-Dup	10/25/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5	11/10/2009																								
		VMP - 8 - 5 - 083010	8/30/2010																								
		VMP-8-5-111810	11/17/2010																								
		VMP-8-5-021011	2/10/2011																								
		VMP-8-5-040711	4/7/2011																								
		VMP-8-5-072711	7/27/2011																								
		VMP-8-5-110311	11/3/2011																								
		VMP-8-5-012312	1/23/2012																								
		VMP-8-5-041012	4/10/2012																								
		VMP-8-5-071312	7/13/2012																								
		VMP-8-5-073112	7/31/2012																								
		VMP-8-5-100412	10/4/2012																								
		VMP-8-5-100412-Dup	10/4/2012																								
		VMP-8-5-012413	1/24/2013																								
		VMP-8-5-042513	4/25/2013																								
		VMP-8-5-073013	7/30/2013																								
		VMP-8-5-102213	10/22/2013																								
		VMP-8-5-021014	2/10/2014																								
		VMP-8-5-042514	4/25/2014																								
		VMP-8-5-073014	7/30/2014																								
		VMP-8-5-103114	10/31/2014																								
		VMP-8-5-020915	2/9/2015																								
		VMP-8-5-042715	4/27/2015																								
		VMP-8-5-072815	7/28/2015																								
		VMP-8-5-102715	10/27/2015																								
		VMP-8-5-012716	1/27/2016																								
		VMP-8-5-042916	4/29/2016																								
		VMP-8-5-072916	7/29/2016																								
		VMP-8-5-102516	10/25/2016																								
	9.5 ft	VMP-8-9.5	11/10/2009																								
		VMP - 8 - 9.5 - 083010	8/30/2010																								
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010																								
		VMP-8-9.5-111810	11/17/2010																								
		VMP-8-9.5-021011	2/10/2011																								
		VMP-8-9.5-040711	4/7/2011																								
		VMP-8-9.5-072711	7/27/2011																								
		VMP-8-9.5-110311	11/3/2011																								
		VMP-8-9.5-012312	1/23/2012																								
		VMP-8-9.5-041012	4/10/2012																								
		VMP-8-9.5-071312	7/13/2012																								
		VMP-8-9.5-071312-Dup	7/13/2012																								
		VMP-8-9.5-100412	10/4/2012																								
		VMP-8-9.5-012413	1/24/2013																								
		VMP-8-9.5-012413-Dup	1/24/2013																								
		VMP-8-9.5-042513	4/25/2013																								
		VMP-8-9.5-073013	7/30/2013																								
		VMP-8-9.5-102213	10/22/2013																								
		VMP-8-9.5-021014	2/10/2014																								
		VMP-8-9.5-021014-Dup	2/10/2014																								
		VMP-8-9.5-042514	4/25/2014																								
		VMP-8-9.5-073014	7/30/2014																								
		VMP-8-9.5-103114	10/31/2014																								
		VMP-8-9.5-020915	2/9/2015																								
		VMP-8-9.5-042715	4/27/2015																								
		VMP-8-9.5-072815	7/28/2015																								
		VMP-8-9.5-102715	10/27/2015																								
		VMP-8-9.5-012716	1/27/2016																								
		VMP-8-9.5-042916	4/29/2016																								
		VMP-8-9.5-072916	7/29/2016																								
		VMP-8-9.5-102516	10/25/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-8	23.5 ft	VMP-8-23.5	11/10/2009																							
		VMP - 8 - 23.5 - 083010	8/30/2010																							
		VMP-8-23.5-111910	11/19/2010																							
		VMP-8-23.5-021011	2/10/2011																							
		VMP-8-23.5-040711	4/7/2011																							
		VMP-8-23.5-040711-DUP	4/7/2011																							
		VMP-8-23.5-081011	8/10/2011																							
		VMP-8-23.5-110611	11/6/2011																							
		VMP-8-23.5-012312	1/23/2012																							
		VMP-8-23.5-041012	4/10/2012																							
		VMP-8-23.5-071312	7/13/2012																							
		VMP-8-23.5-100412	10/4/2012																							
		VMP-8-23.5-012413	1/24/2013																							
		VMP-8-23.5-050113	5/1/2013																							
		VMP-8-23.5-073013	7/30/2013																							
		VMP-8-23.5-073013-Dup	7/30/2013																							
		VMP-8-23.5-102213	10/22/2013																							
		VMP-8-23.5-021014	2/10/2014																							
		VMP-8-23.5-042514	4/25/2014																							
		VMP-8-23.5-073014	7/30/2014																							
		VMP-8-23.5-103114	10/31/2014																							
		VMP-8-23.5-020915	2/9/2015																							
		VMP-8-23.5-050515-R	5/5/2015																							
		VMP-8-23.5-072815	7/28/2015																							
		VMP-8-23.5-102715	10/27/2015																							
		VMP-8-23.5-012716	1/27/2016																							
		VMP-8-23.5-042916	4/29/2016																							
		VMP-8-23.5-072916	7/29/2016																							
		VMP-8-23.5-072916-DUP	7/29/2016																							
		VMP-8-23.5-102516	10/25/2016																							
	35.5 ft	VMP-8-35.5-042514	4/25/2014																							
		VMP-8-35.5-073014	7/30/2014																							
		VMP-8-35.5-103114	10/31/2014																							
		VMP-8-35.5-103114-DUP	10/31/2014																							
		VMP-8-35.5-020915	2/9/2015																							
		VMP-8-35.5-042715	4/27/2015																							
		VMP-8-35.5-072815	7/28/2015																							
		VMP-8-35.5-072815-DUP	7/28/2015																							
		VMP-8-35.5-012816	1/28/2016																							
		VMP-8-35.5-012816-DUP	1/28/2016																							
		VMP-8-35.5-042916	4/29/2016																							
		VMP-8-35.5-080316	8/3/2016																							
		VMP-8-35.5-102516	10/25/2016																							
		VMP-8-35.5-102516-Dup	10/25/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5	11/11/2009																								
		VMP-9-5-082610	8/26/2010																								
		VMP-9-5-111910	11/19/2010																								
		VMP-9-5-020811	2/8/2011																								
		VMP-9-5-040611	4/6/2011																								
		VMP-9-5-080211	8/2/2011																								
		VMP-9-5-110411	11/4/2011																								
		VMP-9-5-012612	1/26/2012																								
		VMP-9-5-041112	4/11/2012																								
		VMP-9-5-071312	7/13/2012																								
		VMP-9-5-101012	10/10/2012																								
		VMP-9-5-012513	1/25/2013																								
		VMP-9-5-021513	2/15/2013																								
		VMP-9-5-050113	5/1/2013																								
		VMP-9-5-073013	7/30/2013																								
		VMP-9-5-102213	10/22/2013																								
		VMP-9-5-122013-R	12/20/2013																								
		VMP-9-5-021114	2/11/2014																								
		VMP-9-5-043014	4/30/2014																								
		VMP-9-5-081114	8/11/2014																								
		VMP-9-5-110614	11/6/2014																								
		VMP-9-5-021115	2/11/2015																								
		VMP-9-5-050415	5/4/2015																								
		VMP-9-5-072815	7/28/2015																								
		VMP-9-5-102815	10/28/2015																								
		VMP-9-5-012816	1/28/2016																								
		VMP-9-5-042816	4/28/2016																								
		VMP-9-5-080116	8/1/2016																								
		VMP-9-5-102516	10/25/2016																								
		VMP-9-5-120916	12/9/2016																								
	11.5 ft	VMP-9-11.5	11/11/2009																								
		VMP-9-11.5-082610	8/26/2010																								
		VMP-9-11.5-111910	11/19/2010																								
		VMP-9-11.5-020911	2/9/2011																								
		VMP-9-11.5-020911-DUP	2/9/2011																								
		VMP-9-11.5-040611	4/6/2011																								
		VMP-9-11.5-080211	8/2/2011																								
		VMP-9-11.5-110411	11/4/2011																								
		VMP-9-11.5-012612	1/26/2012																								
		VMP-9-11.5-041112	4/11/2012																								
		VMP-9-11.5-071312	7/13/2012																								
		VMP-9-11.5-101012	10/10/2012																								
		VMP-9-11.5-012513	1/25/2013																								
		VMP-9-11.5-012513-DUP	1/25/2013																								
		VMP-9-11.5-050113	5/1/2013																								
		VMP-9-11.5-073013	7/30/2013																								
		VMP-9-11.5-102213	10/22/2013																								
		VMP-9-11.5-122013-R	12/20/2013																								
		VMP-9-11.5-021114	2/11/2014																								
		VMP-9-11.5-043014	4/30/2014																								
		VMP-9-11.5-081114	8/11/2014																								
		VMP-9-11.5-110614	11/6/2014																								
		VMP-9-11.5-021115	2/11/2015																								
		VMP-9-11.5-050415	5/4/2015																								
		VMP-9-11.5-072815	7/28/2015																								
		VMP-9-11.5-102815	10/28/2015																								
		VMP-9-11.5-012816	1/28/2016																								
		VMP-9-11.5-042816	4/28/2016																								
		VMP-9-11.5-080116	8/1/2016																								
		VMP-9-11.5-080116-DUP	8/1/2016																								
		VMP-9-11.5-102516	10/25/2016																								
		VMP-9-11.5-120916	12/9/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-9	25.5 ft	VMP-9-25.5	11/10/2009																							
		VMP-9-25.5-D	11/10/2009																							
		VMP-9-25.5-082610	8/26/2010																							
		VMP-9-25.5-082610-DUP	8/26/2010																							
		VMP-9-25.5-111910	11/19/2010																							
		VMP-9-25.5-020911	2/9/2011																							
		VMP-9-25.5-040811	4/8/2011																							
		VMP-9-25.5-080211	8/2/2011																							
		VMP-9-25.5-110711	11/7/2011																							
		VMP-9-25.5-110711-DUP	11/7/2011																							
		VMP-9-25.5-012612	1/26/2012																							
		VMP-9-25.5-041112	4/11/2012																							
		VMP-9-25.5-071312	7/13/2012																							
		VMP-9-25.5-071312-Dup	7/13/2012																							
		VMP-9-25.5-101012	10/10/2012																							
		VMP-9-25.5-013013	1/30/2013																							
		VMP-9-25.5-050113	5/1/2013																							
		VMP-9-25.5-050113-Dup	5/1/2013																							
		VMP-9-25.5-073013	7/30/2013																							
		VMP-9-25.5-102213	10/22/2013																							
		VMP-9-25.5-102213-Dup	10/22/2013																							
		VMP-9-25.5-021114	2/11/2014																							
		VMP-9-25.5-043014	4/30/2014																							
		VMP-9-25.5-081114	8/11/2014																							
		VMP-9-25.5-021115	2/11/2015																							
		VMP-9-25.5-050415	5/4/2015																							
		VMP-9-25.5-052915-R	5/29/2015																							
		VMP-9-25.5-072815	7/28/2015																							
		VMP-9-25.5-102815	10/28/2015																							
		VMP-9-25.5-012816	1/28/2016																							
		VMP-9-25.5-042816	4/28/2016																							
		VMP-9-25.5-080116	8/1/2016																							
		VMP-9-25.5-102516	10/25/2016																							
		VMP-9-25.5-120916	12/9/2016																							
	38.5 ft	VMP-9-38.5	11/10/2009																							
		VMP-9-38.5-020911	2/9/2011																							
		VMP-9-38.5-040811	4/8/2011																							
		VMP-9-38.5-012612	1/26/2012																							
		VMP-9-38.5-041112	4/11/2012																							
		VMP-9-38.5-071312	7/13/2012																							
		VMP-9-38.5-101012	10/10/2012																							
		VMP-9-38.5-013013	1/30/2013																							
		VMP-9-38.5-050113	5/1/2013																							
		VMP-9-38.5-073113	7/31/2013																							
		VMP-9-38.5-102213	10/22/2013																							
		VMP-9-38.5-021114	2/11/2014																							
		VMP-9-38.5-081114	8/11/2014																							
		VMP-9-38.5-050415	5/4/2015																							
		VMP-9-38.5-050415-DUP	5/4/2015																							
		VMP-9-38.5-052915-R	5/29/2015																							
		VMP-9-38.5-072815	7/28/2015																							
		VMP-9-38.5-102815	10/28/2015																							
		VMP-9-38.5-012816	1/28/2016																							
		VMP-9-38.5-042816	4/28/2016																							
		VMP-9-38.5-072916	7/29/2016																							
		VMP-9-38.5-102516	10/25/2016																							
		VMP-9-38.5-120916	12/9/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5	11/11/2009																								
		VMP-10-5-090710	9/7/2010																								
		VMP-10-5-111810	11/17/2010																								
		VMP-10-5-021011	2/10/2011																								
		VMP-10-5-040511	4/5/2011																								
		VMP-10-5-07/2911	7/29/2011																								
		VMP-10-5-110411	11/4/2011																								
		VMP-10-5-012512	1/26/2012																								
		VMP-10-5-041212	4/12/2012																								
		VMP-10-5-071312	7/13/2012																								
		VMP-10-5-101612	10/16/2012																								
		VMP-10-5-012913	1/29/2013																								
		VMP-10-5-012913-DUP	1/29/2013																								
		VMP-10-5-043013	4/30/2013																								
		VMP-10-5-073013	7/30/2013																								
		VMP-10-5-111313	11/13/2013																								
		VMP-10-5-021214	2/12/2014																								
		VMP-10-5-022614-R	2/26/2014																								
		VMP-10-5-042914	4/29/2014																								
		VMP-10-5-073114	7/31/2014																								
		VMP-10-5-103014	10/30/2014																								
		VMP-10-5-020515	2/5/2015																								
		VMP-10-5-043015	4/30/2015																								
		VMP-10-5-072815	7/28/2015																								
		VMP-10-5-103015	10/30/2015																								
		VMP-10-5-012916	1/29/2016																								
		VMP-10-5-050216	5/2/2016																								
		VMP-10-5-082616	8/26/2016																								
		VMP-10-5-110216	11/2/2016																								
	10 ft	VMP-10-10	11/11/2009																								
		VMP-10-10-090710	9/7/2010																								
		VMP-10-10-111810	11/17/2010																								
		VMP-10-10-021111	2/11/2011																								
		VMP-10-10-040611	4/6/2011																								
		VMP-10-10-072911	7/29/2011																								
		VMP-10-10-110411	11/4/2011																								
		VMP-10-10-110411-DUP	11/4/2011																								
		VMP-10-10-012512	1/26/2012																								
		VMP-10-10-012512-DUP	1/26/2012																								
		VMP-10-10-041112	4/11/2012																								
		VMP-10-10-071312	7/13/2012																								
		VMP-10-10-101612	10/16/2012																								
		VMP-10-10-012913	1/29/2013																								
		VMP-10-10-043013	4/30/2013																								
		VMP-10-10-073013	7/30/2013																								
		VMP-10-10-111313	11/13/2013																								
		VMP-10-10-021214	2/12/2014																								
		VMP-10-10-042914	4/29/2014																								
		VMP-10-10-073114	7/31/2014																								
		VMP-10-10-103014	10/30/2014																								
		VMP-10-10-020515	2/5/2015																								
		VMP-10-10-043015	4/30/2015																								
		VMP-10-10-072815	7/28/2015																								
		VMP-10-10-103015	10/30/2015																								
		VMP-10-10-021616	2/16/2016																								
		VMP-10-10-050216	5/2/2016																								
		VMP-10-10-072816	7/28/2016																								
		VMP-10-10-110216	11/2/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-10	20 ft	VMP-10-20	11/11/2009																							
		VMP-10-20-D	11/11/2009																							
		VMP-10-20-090710	9/7/2010																							
		VMP-10-20-090710-DUP	9/7/2010																							
		VMP-10-20-111810	11/17/2010																							
		VMP-10-20-111810-Dup	11/17/2010																							
		VMP-10-20-021111	2/11/2011																							
		VMP-10-20-040611	4/6/2011																							
		VMP-10-20-072911	7/29/2011																							
		VMP-10-20-110411	11/4/2011																							
		VMP-10-20-012612	1/26/2012																							
		VMP-10-20-041212	4/12/2012																							
		VMP-10-20-071612	7/16/2012																							
		VMP-10-20-101612	10/16/2012																							
		VMP-10-20-012913	1/29/2013																							
		VMP-10-20-043013	4/30/2013																							
		VMP-10-20-073013	7/30/2013																							
		VMP-10-20-102313	10/23/2013																							
		VMP-10-20-021214	2/12/2014																							
		VMP-10-20-042914	4/29/2014																							
		VMP-10-20-073114	7/31/2014																							
		VMP-10-20-103014	10/30/2014																							
		VMP-10-20-020515	2/5/2015																							
		VMP-10-20-043015	4/30/2015																							
		VMP-10-20-072815	7/28/2015																							
		VMP-10-20-072815-DUP	7/28/2015																							
		VMP-10-20-103015	10/30/2015																							
		VMP-10-20-012916	1/29/2016																							
		VMP-10-20-050216	5/2/2016																							
		VMP-10-20-072816	7/28/2016																							
		VMP-10-20-110216	11/2/2016																							
	30 ft	VMP-10-30	11/13/2009																							
		VMP-10-30-041212	4/12/2012																							
		VMP-10-30-071612	7/16/2012																							
		VMP-10-30-101612	10/16/2012																							
		VMP-10-30-012913	1/29/2013																							
		VMP-10-30-043013	4/30/2013																							
		VMP-10-30-073013	7/30/2013																							
		VMP-10-30-102813	10/28/2013																							
		VMP-10-30-021214	2/12/2014																							
		VMP-10-30-042914	4/29/2014																							
		VMP-10-30-073114	7/31/2014																							
		VMP-10-30-073114-Dup	7/31/2014																							
		VMP-10-30-103014	10/30/2014																							
		VMP-10-30-103014-DUP	10/30/2014																							
		VMP-10-30-020515	2/5/2015																							
		VMP-10-30-020515-DUP	2/5/2015																							
		VMP-10-30-043015	4/30/2015																							
		VMP-10-30-072815	7/28/2015																							
		VMP-10-30-103015	10/30/2015																							
		VMP-10-30-012916-DUP	1/29/2016																							
		VMP-10-30-050216	5/2/2016																							
		VMP-10-30-050216-DUP	5/2/2016																							
		VMP-10-30-072816	7/28/2016																							
		VMP-10-30-110216	11/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-11	5 ft	VMP-11-5	11/17/2009																							
		VMP-11-5-090710	9/7/2010																							
		VMP-11-5-112210	11/22/2010																							
		VMP-11-5-021511	2/15/2011																							
		VMP-11-5-040611	4/6/2011																							
		VMP-11-5-080711	8/7/2011																							
		VMP-11-5-111111	11/11/2011																							
		VMP-11-5-012612	1/26/2012																							
		VMP-11-5-041912	4/19/2012																							
		VMP-11-5-071912	7/16/2012																							
		VMP-11-5-101612	10/16/2012																							
		VMP-11-5-012913	1/29/2013																							
		VMP-11-5-043013	4/30/2013																							
		VMP-11-5-073113	7/31/2013																							
		VMP-11-5-102813	10/28/2013																							
		VMP-11-5-022114	2/21/2014																							
		VMP-11-5-043014	4/30/2014																							
		VMP-11-5-073114	7/31/2014																							
		VMP-11-5-103014	10/30/2014																							
		VMP-11-5-020515	2/5/2015																							
		VMP-11-5-043015	4/30/2015																							
		VMP-11-5-072815	7/28/2015																							
		VMP-11-5-103015	10/30/2015																							
		VMP-11-5-012916	1/29/2016																							
		VMP-11-5-050216	5/2/2016																							
		VMP-11-5-080116	8/1/2016																							
		VMP-11-5-110116	11/1/2016																							
	8 ft	VMP-11-8	11/17/2009																							
		VMP-11-8-090810	9/8/2010																							
		VMP-11-8-112210	11/22/2010																							
		VMP-11-8-021111	2/11/2011																							
		VMP-11-8-021111-DUP	2/11/2011																							
		VMP-11-8-040611	4/6/2011																							
		VMP-11-8-040611-DUP	4/6/2011																							
		VMP-11-8-080711	8/7/2011																							
		VMP-11-8-111411	11/14/2011																							
		VMP-11-8-012612	1/26/2012																							
		VMP-11-8-041912	4/19/2012																							
		VMP-11-8-072012	7/20/2012																							
		VMP-11-8-101612	10/16/2012																							
		VMP-11-8-101612-Dup	10/16/2012																							
		VMP-11-8-012913	1/29/2013																							
		VMP-11-8-050113	5/1/2013																							
		VMP-11-8-080113	8/1/2013																							
		VMP-11-8-102813	10/28/2013																							
		VMP-11-8-022114	2/21/2014																							
		VMP-11-8-043014	4/30/2014																							
		VMP-11-8-073114	7/31/2014																							
		VMP-11-8-111014-R	11/10/2014																							
		VMP-11-8-020515	2/5/2015																							
		VMP-11-8-043015	4/30/2015																							
		VMP-11-8-072815	7/28/2015																							
		VMP-11-8-103015	10/30/2015																							
		VMP-11-8-012916	1/29/2016																							
		VMP-11-8-050616	5/6/2016																							
		VMP-11-8-080116	8/1/2016																							
		VMP-11-8-110116	11/1/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-11	29 ft	VMP-11-29	11/18/2009																								
		VMP-11-29-090810	9/8/2010																								
		VMP-11-29-112210	11/22/2010																								
		VMP-11-29-112210-Dup	11/22/2010																								
		VMP-11-29-021411	2/14/2011																								
		VMP-11-29-040611	4/6/2011																								
		VMP-11-29-082511	8/25/2011																								
		VMP-11-29-082511-Dup	8/25/2011																								
		VMP-11-29-111411	11/14/2011																								
		VMP-11-29-012612	1/26/2012																								
		VMP-11-29-042712	4/27/2012																								
		VMP-11-29-072012	7/23/2012																								
		VMP-11-29-101612	10/16/2012																								
		VMP-11-29-012913	1/29/2013																								
		VMP-11-29-043013	4/30/2013																								
		VMP-11-29-073113	7/31/2013																								
		VMP-11-29-102813	10/28/2013																								
		VMP-11-29-022114	2/21/2014																								
		VMP-11-29-043014	4/30/2014																								
		VMP-11-29-073114	7/31/2014																								
		VMP-11-29-103014	10/30/2014																								
		VMP-11-29-103014-DUP	10/30/2014																								
		VMP-11-29-020515	2/5/2015																								
		VMP-11-29-020515-DUP	2/5/2015																								
		VMP-11-29-043015	4/30/2015																								
		VMP-11-29-072815	7/28/2015																								
		VMP-11-29-110515	11/5/2015																								
		VMP-11-29-012916	1/29/2016																								
		VMP-11-29-050216	5/2/2016																								
		VMP-11-29-080216	8/2/2016																								
		VMP-11-29-110116	11/1/2016																								
	38 ft	VMP-11-38	11/18/2009																								
		VMP-11-38-042312	4/23/2012																								
		VMP-11-38-042312-Dup	4/23/2012																								
		VMP-11-38-072312	7/23/2012																								
		VMP-11-38-101612	10/16/2012																								
		VMP-11-38-013013	1/30/2013																								
		VMP-11-38-043013	4/30/2013																								
		VMP-11-38-073113	7/31/2013																								
		VMP-11-38-073113-Dup	7/31/2013																								
		VMP-11-38-102813	10/28/2013																								
		VMP-11-38-022114	2/21/2014																								
		VMP-11-38-043014	4/30/2014																								
		VMP-11-38-073114	7/31/2014																								
		VMP-11-38-103014	10/30/2014																								
		VMP-11-38-020515	2/5/2015																								
		VMP-11-38-043015	4/30/2015																								
		VMP-11-38-072815	7/28/2015																								
		VMP-11-38-103015	10/30/2015																								
		VMP-11-38-103015-DUP	10/30/2015																								
		VMP-11-38-012916	1/29/2016																								
		VMP-11-38-050216	5/2/2016																								
		VMP-11-38-050216-DUP	5/2/2016																								
		VMP-11-38-080216	8/2/2016																								
		VMP-11-38-110216	11/2/2016																								

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-12	5 ft	VMP-12-5	11/13/2009																								
		VMP-12-5-090310	9/3/2010																								
		VMP-12-5-120310	12/3/2010																								
		VMP-12-5-021511	2/15/2011																								
		VMP-12-5-041911	4/19/2011																								
		VMP-12-5-080411	8/4/2011																								
		VMP-12-5-111611	11/16/2011																								
		VMP-12-5-012412	1/24/2012																								
		VMP-12-5-041912	4/19/2012																								
		VMP-12-5-072612	7/26/2012																								
		VMP-12-5-072612-Dup	7/26/2012																								
		VMP-12-5-102412	10/24/2012																								
		VMP-12-5-021813	2/18/2013																								
		VMP-12-5-051013	5/10/2013																								
		VMP-12-5-081213	8/12/2013																								
		VMP-12-5-111413	11/14/2013																								
		VMP-12-5-031914-R	3/19/2014																								
		VMP-12-5-050214	5/2/2014																								
		VMP-12-5-081514	8/15/2014																								
		VMP-12-5-110714	11/10/2014																								
		VMP-12-5-021115	2/11/2015																								
		VMP-12-5-050715	5/7/2015																								
		VMP-12-5-073115	7/31/2015																								
		VMP-12-5-110415	11/4/2015																								
		VMP-12-5-020316	2/3/2016																								
		VMP-12-5-050416	5/4/2016																								
		VMP-12-5-080316	8/3/2016																								
		VMP-12-5-103116	10/31/2016																								
	11.5 ft	VMP-12-11.5	11/13/2009																								
		VMP-12-11.5-090310	9/3/2010																								
		VMP-12-11.5-120310	12/3/2010																								
		VMP-12-11.5-021511	2/15/2011																								
		VMP-12-11.5-021511-DUP	2/15/2011																								
		VMP-12-11.5-041911	4/19/2011																								
		VMP-12-11.5-080411	8/4/2011																								
		VMP-12-11.5-111611	11/16/2011																								
		VMP-12-11.5-012412	1/24/2012																								
		VMP-12-11.5-041912	4/19/2012																								
		VMP-12-11.5-082012	8/20/2012																								
		VMP-12-11.5-102612	10/26/2012																								
		VMP-12-11.5-021813	2/18/2013																								
		VMP-12-11.5-051013	5/10/2013																								
		VMP-12-11.5-081213	8/12/2013																								
		VMP-12-11.5-111413	11/14/2013																								
		VMP-12-11.5-022814	2/28/2014																								
		VMP-12-11.5-050214	5/2/2014																								
		VMP-12-11.5-081514	8/15/2014																								
		VMP-12-11.5-110714	11/7/2014																								
		VMP-12-11.5-021115	2/11/2015																								
		VMP-12-11.5-050715	5/7/2015																								
		VMP-12-11.5-073115	7/31/2015																								
		VMP-12-11.5-110415	11/4/2015																								
		VMP-12-11.5-020316	2/3/2016																								
		VMP-12-11.5-050416	5/4/2016																								
		VMP-12-11.5-080316	8/3/2016																								
		VMP-12-11.5-110316	11/3/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-12	25 ft	VMP-12-25	11/13/2009																								
		VMP-12-25-090310	9/3/2010																								
		VMP-12-25-120310	12/3/2010																								
		VMP-12-25-021511	2/15/2011																								
		VMP-12-25-041911	4/19/2011																								
		VMP-12-25-080411	8/4/2011																								
		VMP-12-25-111611	11/16/2011																								
		VMP-12-25-012412	1/24/2012																								
		VMP-12-25-012412-DUP	1/24/2012																								
		VMP-12-25-041912	4/19/2012																								
		VMP-12-25-072712	7/27/2012																								
		VMP-12-25-072712-Dup	7/27/2012																								
		VMP-12-25-102512	10/25/2012																								
		VMP-12-25-021513	2/15/2013																								
		VMP-12-25-051013	5/10/2013																								
		VMP-12-25-081213	8/12/2013																								
		VMP-12-25-111413	11/14/2013																								
		VMP-12-25-022814	2/28/2014																								
		VMP-12-25-050214	5/2/2014																								
		VMP-12-25-081514	8/15/2014																								
		VMP-12-25-110714	11/7/2014																								
		VMP-12-25-021115	2/11/2015																								
		VMP-12-25-050715	5/7/2015																								
		VMP-12-25-073115	7/31/2015																								
		VMP-12-25-110415	11/4/2015																								
		VMP-12-25-021616	2/16/2016																								
		VMP-12-25-021616-DUP	2/16/2016																								
		VMP-12-25-050416	5/4/2016																								
		VMP-12-25-080316	8/3/2016																								
		VMP-12-25-103116	10/31/2016																								
		VMP-12-25-103116-Dup	10/31/2016																								
	39 ft	VMP-12-39	11/13/2009																								
		VMP-12-39-041911	4/19/2011																								
		VMP-12-39-012412	1/24/2012																								
		VMP-12-39-041912	4/19/2012																								
		VMP-12-39-072612	7/26/2012																								
		VMP-12-39-102412	10/24/2012																								
		VMP-12-39-021513	2/15/2013																								
		VMP-12-39-051013	5/10/2013																								
		VMP-12-39-081213	8/12/2013																								
		VMP-12-39-111413	11/14/2013																								
		VMP-12-39-022814	2/28/2014																								
		VMP-12-39-050214	5/2/2014																								
		VMP-12-39-081514	8/15/2014																								
		VMP-12-39-081514-Dup	8/15/2014																								
		VMP-12-39-110714	11/7/2014																								
		VMP-12-39-021115	2/11/2015																								
		VMP-12-39-050715	5/7/2015																								
		VMP-12-39-050715-DUP	5/7/2015																								
		VMP-12-39-061515-Dup-R	6/15/2015																								
		VMP-12-39-061515-R	6/15/2015																								
		VMP-12-39-073115	7/31/2015																								
		VMP-12-39-073115-DUP	7/31/2015																								
		VMP-12-39-110415	11/4/2015																								
		VMP-12-39-020316	2/3/2016																								
		VMP-12-39-050416	5/4/2016																								
		VMP-12-39-080316	8/3/2016																								
		VMP-12-39-110316	11/3/2016																								

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5	11/16/2009																							
		VMP 13-5-091310	9/13/2010																							
		VMP-13-5-120110	12/1/2010																							
		VMP-13-5-021811	2/18/2011																							
		VMP-13-5-040511	4/5/2011																							
		VMP-13-5-080911	8/9/2011																							
		VMP-13-5-080911-DUP	8/9/2011																							
		VMP-13-5-111411	11/14/2011																							
		VMP-13-5-012712	1/27/2012																							
		VMP-13-5-042012	4/20/2012																							
		VMP-13-5-071912	7/19/2012																							
		VMP-13-5-071912-Dup	7/19/2012																							
		VMP-13-5-100912	10/9/2012																							
		VMP-13-5-012913	1/29/2013																							
		VMP-13-5-050113	5/1/2013																							
		VMP-13-5-073113	7/31/2013																							
		VMP-13-5-111513	11/15/2013																							
		VMP-13-5-022114	2/21/2014																							
		VMP-13-5-050114	5/1/2014																							
		VMP-13-5-080814	8/8/2014																							
		VMP-13-5-103014	10/30/2014																							
		VMP-13-5-020515	2/5/2015																							
		VMP-13-5-043015	4/30/2015																							
		VMP-13-5-072715	7/27/2015																							
		VMP-13-5-110215	11/2/2015																							
		VMP-13-5-012616	1/26/2016																							
		VMP-13-5-050316	5/3/2016																							
		VMP-13-5-072916	7/29/2016																							
		VMP-13-5-110216	11/2/2016																							
	10.5 ft	VMP-13-10.5	11/17/2009																							
		VMP-13-10.5-D	11/17/2009																							
		VMP 13-10.5-091310	9/13/2010																							
		VMP 13-10.5-091310-Dup	9/13/2010																							
		VMP-13-10.5-120110	12/1/2010																							
		VMP-13-10.5-120110-DUP	12/1/2010																							
		VMP-13-10.5-021811	2/18/2011																							
		VMP-13-10.5-021811-DUP	2/18/2011																							
		VMP-13-10.5-040511-DUP	4/5/2011																							
		VMP-13-10.5-080911	8/9/2011																							
		VMP-13-10.5-111411	11/14/2011																							
		VMP-13-10.5-012712	1/26/2012																							
		VMP-13-10.5-012712-DUP	1/26/2012																							
		VMP-13-10.5-042012	4/20/2012																							
		VMP-13-10.5-071912	7/19/2012																							
		VMP-13-10.5-100912	10/9/2012																							
		VMP-13-10.5-100912-Dup	10/9/2012																							
		VMP-13-10.5-013013	1/30/2013																							
		VMP-13-10.5-050113	5/1/2013																							
		VMP-13-10.5-073113	7/31/2013																							
		VMP-13-10.5-092013	9/20/2013																							
		VMP-13-10.5-111513	11/15/2013																							
		VMP-13-10.5-111513-Dup	11/15/2013																							
		VMP-13-10.5-022114	2/21/2014																							
		VMP-13-10.5-050114	5/1/2014																							
		VMP-13-10.5-080814	8/8/2014																							
		VMP-13-10.5-103014	10/30/2014																							
		VMP-13-10.5-020515	2/5/2015																							
		VMP-13-10.5-043015	4/30/2015																							
		VMP-13-10.5-072715	7/27/2015																							
		VMP-13-10.5-110215	11/2/2015																							
		VMP-13-10.5-012616	1/26/2016																							
		VMP-13-10.5-050316	5/3/2016																							
		VMP-13-10.5-072916	7/29/2016																							
		VMP-13-10.5-110216	11/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-13	21.5 ft	VMP-13-21.5	11/17/2009																							
		VMP 13-21.5-091310	9/13/2010																							
		VMP-13-21.5-120110	12/1/2010																							
		VMP-13-21.5-021811	2/18/2011																							
		VMP-13-21.5-040511	4/5/2011																							
		VMP-13-21.5-080911	8/9/2011																							
		VMP-13-21.5-111411	11/14/2011																							
		VMP-13-21.5-111411-DUP	11/14/2011																							
		VMP-13-21.5-012712	1/27/2012																							
		VMP-13-21.5-042012	4/20/2012																							
		VMP-13-21.5-071912	7/19/2012																							
		VMP-13-21.5-100912	10/9/2012																							
		VMP-13-21.5-013013	1/30/2013																							
		VMP-13-21.5-050113	5/1/2013																							
		VMP-13-21.5-073113	7/31/2013																							
		VMP-13-21.5-102813	10/28/2013																							
		VMP-13-21.5-102813-Dup	10/28/2013																							
		VMP-13-21.5-022114	2/21/2014																							
		VMP-13-21.5-050114	5/1/2014																							
		VMP-13-21.5-080814	8/8/2014																							
		VMP-13-21.5-103014	10/30/2014																							
		VMP-13-21.5-020515	2/5/2015																							
		VMP-13-21.5-043015	4/30/2015																							
		VMP-13-21.5-072715	7/27/2015																							
		VMP-13-21.5-112515	11/25/2015																							
		VMP-13-21.5-012616	1/26/2016																							
		VMP-13-21.5-050316	5/3/2016																							
		VMP-13-21.5-050316-DUP	5/3/2016																							
		VMP-13-21.5-072916	7/29/2016																							
		VMP-13-21.5-110216	11/2/2016																							
	29.5 ft	VMP-13-29.5	11/17/2009																							
		VMP-13-29.5-021811	2/18/2011																							
		VMP-13-29.5-040511	4/5/2011																							
		VMP-13-29.5-013012	1/30/2012																							
		VMP-13-29.5-042012	4/20/2012																							
		VMP-13-29.5-071912	7/19/2012																							
		VMP-13-29.5-100912	10/9/2012																							
		VMP-13-29.5-013013	1/30/2013																							
		VMP-13-29.5-050113	5/1/2013																							
		VMP-13-29.5-073113	7/31/2013																							
		VMP-13-29.5-102813	10/28/2013																							
		VMP-13-29.5-022114	2/21/2014																							
		VMP-13-29.5-022114-Dup	2/21/2014																							
		VMP-13-29.5-050114	5/1/2014																							
		VMP-13-29.5-080814	8/8/2014																							
		VMP-13-29.5-103014	10/30/2014																							
		VMP-13-29.5-020515	2/5/2015																							
		VMP-13-29.5-043015	4/30/2015																							
		VMP-13-29.5-072715	7/27/2015																							
		VMP-13-29.5-072715-DUP	7/27/2015																							
		VMP-13-29.5-110215	11/2/2015																							
		VMP-13-29.5-110215-DUP	11/2/2015																							
		VMP-13-29.5-012616	1/26/2016																							
		VMP-13-29.5-050316	5/3/2016																							
		VMP-13-29.5-082616-R	8/29/2016																							
		VMP-13-29.5-110216	11/2/2016																							
		VMP-13-29.5-110216-Dup	11/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5	11/20/2009																								
		VMP 14-5-091010	9/10/2010																								
		VMP-14-5-120110	12/1/2010																								
		VMP-14-5-021711	2/17/2011																								
		VMP-14-5-040511	4/5/2011																								
		VMP-14-5-080811	8/8/2011																								
		VMP-14-5-111411	11/14/2011																								
		VMP-14-5-042012	4/20/2012																								
		VMP-14-5-072312	7/23/2012																								
		VMP-14-5-101012	10/10/2012																								
		VMP-14-5-013113	1/31/2013																								
		VMP-14-5-050113	5/1/2013																								
		VMP-14-5-111113	11/11/2013																								
		VMP-14-5-022614	2/26/2014																								
		VMP-14-5-050114	5/1/2014																								
		VMP-14-5-081114	8/11/2014																								
		VMP-14-5-103014	10/30/2014																								
		VMP-14-5-020615	2/6/2015																								
		VMP-14-5-043015	4/30/2015																								
		VMP-14-5-072915	7/29/2015																								
		VMP-14-5-110215	11/2/2015																								
		VMP-14-5-012616	1/26/2016																								
		VMP-14-5-050316	5/3/2016																								
		VMP14-5-072916	7/29/2016																								
		VMP-14-5-110216	11/2/2016																								
	11.5 ft	VMP-14-11.5	11/16/2009																								
		VMP 14-11.5-091010	9/10/2010																								
		VMP-14-11.5-120110	12/2/2010																								
		VMP-14-11.5-120110-DUP	12/2/2010																								
		VMP-14-11.5-021711	2/17/2011																								
		VMP-14-11.5-021711-DUP	2/17/2011																								
		VMP-14-11.5-040511	4/5/2011																								
		VMP-14-11.5-080811	8/8/2011																								
		VMP-14-11.5-111511	11/15/2011																								
		VMP-14-11.5-012612	1/26/2012																								
		VMP-14-11.5-042312	4/23/2012																								
		VMP-14-11.5-042312-Dup	4/23/2012																								
		VMP-14-11.5-072512	7/25/2012																								
		VMP-14-11.5-101012	10/10/2012																								
		VMP-14-11.5-013113	1/31/2013																								
		VMP-14-11.5-050113	5/1/2013																								
		VMP-14-11.5-080113	8/1/2013																								
		VMP-14-11.5-111113	11/11/2013																								
		VMP-14-11.5-022614	2/26/2014																								
		VMP-14-11.5-050114	5/1/2014																								
		VMP-14-11.5-081114	8/11/2014																								
		VMP-14-11.5-103014	10/30/2014																								
		VMP-14-11.5-020615	2/6/2015																								
		VMP-14-11.5-043015	4/30/2015																								
		VMP-14-11.5-072915	7/29/2015																								
		VMP-14-11.5-110215	11/2/2015																								
		VMP-14-11.5-012616	1/26/2016																								
		VMP-14-11.5-050316	5/3/2016																								
		VMP-14-11.5-072916	7/29/2016																								
		VMP-14-11.5-110216	11/2/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-14	20 ft	VMP-14-20	11/16/2009																							
		VMP 14-20-091010	9/10/2010																							
		VMP 14-20-091010-Dup	9/10/2010																							
		VMP-14-20-120110	12/2/2010																							
		VMP-14-20-021811	2/18/2011																							
		VMP-14-20-040511	4/5/2011																							
		VMP-14-20-080811	8/8/2011																							
		VMP-14-20-111511	11/15/2011																							
		VMP-14-20-012612	1/26/2012																							
		VMP-14-20-042312	4/23/2012																							
		VMP-14-20-072512	7/25/2012																							
		VMP-14-20-101612	10/16/2012																							
		VMP-14-20-013113	1/31/2013																							
		VMP-14-20-050113	5/1/2013																							
		VMP-14-20-050113-Dup	5/1/2013																							
		VMP-14-20-080113	8/1/2013																							
		VMP-14-20-111113	11/11/2013																							
		VMP-14-20-022614	2/26/2014																							
		VMP-14-20-050114	5/1/2014																							
		VMP-14-20-081114	8/11/2014																							
		VMP-14-20-103014	10/30/2014																							
		VMP-14-20-020615	2/6/2015																							
		VMP-14-20-043015	4/30/2015																							
		VMP-14-20-072915	7/29/2015																							
		VMP-14-20-110215	11/2/2015																							
		VMP-14-20-012616	1/26/2016																							
		VMP-14-20-050416	5/4/2016																							
		VMP-14-20-072916	7/29/2016																							
	29 ft	VMP-14-29	11/16/2009																							
		VMP-14-29-021811	2/18/2011																							
		VMP-14-29-040511	4/5/2011																							
		VMP-14-29-012612	1/26/2012																							
		VMP-14-29-042312	4/23/2012																							
		VMP-14-29-072512	7/25/2012																							
		VMP-14-29-101612	10/16/2012																							
		VMP-14-29-013113-DUP	1/31/2013																							
		VMP-14-29-013113	1/31/2013																							
		VMP-14-29-050213	5/2/2013																							
		VMP-14-29-080113	8/1/2013																							
		VMP-14-29-111113	11/11/2013																							
		VMP-14-29-022614	2/26/2014																							
		VMP-14-29-022614-Dup	2/26/2014																							
		VMP-14-29-050114	5/1/2014																							
		VMP-14-29-050114-Dup	5/1/2014																							
		VMP-14-29-081114	8/11/2014																							
		VMP-14-29-081114-DUP	8/11/2014																							
		VMP-14-29-103014	10/30/2014																							
		VMP-14-29-020615	2/6/2015																							
		VMP-14-29-043015	4/30/2015																							
		VMP-14-29-043015-DUP	4/30/2015																							
		VMP-14-29-072915	7/29/2015																							
		VMP-14-29-110215	11/2/2015																							
		VMP-14-29-012616	1/26/2016																							
		VMP-14-29-012616-DUP	1/26/2016																							
		VMP-14-29-050316	5/3/2016																							
		VMP-14-29-072916	7/29/2016																							
		VMP-14-29-072916-DUP	7/29/2016																							
		VMP-14-29-110216	11/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-15	5 ft	VMP-15-5	11/18/2009																							
		VMP-15-5-D	11/18/2009																							
		VMP 15-5-091410	9/14/2010																							
		VMP-15-5-113010	11/30/2010																							
		VMP-15-5-021611	2/16/2011																							
		VMP-15-5-042011	4/20/2011																							
		VMP-15-5-080811	8/8/2011																							
		VMP-15-5-111511	11/15/2011																							
		VMP-15-5-020112	2/1/2012																							
		VMP-15-5-042412	4/24/2012																							
		VMP-15-5-072512	7/25/2012																							
		VMP-15-5-102512	10/25/2012																							
		VMP-15-5-020513	2/5/2013																							
		VMP-15-5-050913	5/9/2013																							
		VMP-15-5-080813	8/8/2013																							
		VMP-15-5-111113	11/11/2013																							
		VMP-15-5-022714	2/27/2014																							
		VMP-15-5-050514	5/5/2014																							
		VMP-15-5-081414	8/14/2014																							
		VMP-15-5-110614	11/6/2014																							
		VMP-15-5-020615	2/6/2015																							
		VMP-15-5-050415	5/4/2015																							
		VMP-15-5-072915	7/29/2015																							
		VMP-15-5-110415	11/4/2015																							
		VMP-15-5-020316	2/3/2016																							
		VMP-15-5-050316	5/3/2016																							
		VMP-15-5-080216	8/2/2016																							
		VMP-15-5-110116	11/1/2016																							
	21.5 ft	VMP-15-21.5	11/18/2009																							
		VMP 15-21.5-091410	9/14/2010																							
		VMP-15-21.5-113010	11/30/2010																							
		VMP-15-21.5-021611	2/16/2011																							
		VMP-15-21.5-042011	4/20/2011																							
		VMP-15-21.5-080811	8/8/2011																							
		VMP-15-21.5-111511	11/15/2011																							
		VMP-15-21.5-020112	2/1/2012																							
		VMP-15-21.5-042412	4/24/2012																							
		VMP-15-21.5-072512	7/25/2012																							
		VMP-15-21.5-102512	10/25/2012																							
		VMP-15-21.5-102512-Dup	10/25/2012																							
		VMP-15-21.5-020713	2/7/2013																							
		VMP-15-21.5-051513	5/15/2013																							
		VMP-15-21.5-080813	8/8/2013																							
		VMP-15-21.5-111113	11/11/2013																							
		VMP-15-21.5-111113-Dup	11/11/2013																							
		VMP-15-21.5-022714	2/27/2014																							
		VMP-15-21.5-050514	5/5/2014																							
		VMP-15-21.5-081414	8/14/2014																							
		VMP-15-21.5-110614	11/6/2014																							
		VMP-15-21.5-020615	2/6/2015																							
		VMP-15-21.5-050415	5/4/2015																							
		VMP-15-21.5-072915	7/29/2015																							
		VMP-15-21.5-110415	11/4/2015																							
		VMP-15-21.5-020316	2/3/2016																							
		VMP-15-21.5-050316	5/3/2016																							
		VMP-15-21.5-080216	8/2/2016																							
		VMP-15-21.5-110116	11/1/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-15	25.5 ft	VMP-15-25.5	11/18/2009																							
		VMP 15-25.5-091410	9/14/2010																							
		VMP-15-25.5-021611	2/16/2011																							
		VMP-15-25.5-042011	4/20/2011																							
		VMP-15-25.5-042011-DUP	4/20/2011																							
		VMP-15-25.5-080811	8/8/2011																							
		VMP-15-25.5-111511	11/15/2011																							
		VMP-15-25.5-073112	7/31/2012																							
		VMP-15-25.5-102512	10/25/2012																							
		VMP-15-25.5-021213	2/12/2013																							
		VMP-15-25.5-050913	5/9/2013																							
		VMP-15-25.5-080813	8/8/2013																							
		VMP-15-25.5-111113	11/11/2013																							
		VMP-15-25.5-022714	2/27/2014																							
		VMP-15-25.5-050514	5/5/2014																							
		VMP-15-25.5-081414	8/14/2014																							
		VMP-15-25.5-110614	11/6/2014																							
		VMP-15-25.5-110614-DUP	11/6/2014																							
		VMP-15-25.5-020615	2/6/2015																							
		VMP-15-25.5-050415	5/4/2015																							
		VMP-15-25.5-072915	7/29/2015																							
		VMP-15-25.5-110415	11/4/2015																							
		VMP-15-25.5-020316	2/3/2016																							
		VMP-15-25.5-050316	5/3/2016																							
		VMP-15-25.5-080216	8/2/2016																							
		VMP-15-25.5-110116	11/1/2016																							
		VMP-15-25.5-110116-Dup	11/1/2016																							
	29 ft	VMP-15-29	11/19/2009																							
		VMP-15-29-073112	7/31/2012																							
		VMP-15-29-102512	10/25/2012																							
		VMP-15-29-021213	2/12/2013																							
		VMP-15-29-050913	5/9/2013																							
		VMP-15-29-080813	8/8/2013																							
		VMP-15-29-111113	11/11/2013																							
		VMP-15-29-022714	2/27/2014																							
		VMP-15-29-022714-Dup	2/27/2014																							
		VMP-15-29-081414	8/14/2014																							
		VMP-15-29-110614	11/6/2014																							
		VMP-15-29-020615	2/6/2015																							
		VMP-15-29-020615-DUP	2/6/2015																							
		VMP-15-29-050415	5/4/2015																							
		VMP-15-29-072915	7/29/2015																							
		VMP-15-29-072915-DUP	7/29/2015																							
		VMP-15-29-110415	11/4/2015																							
		VMP-15-29-020316	2/3/2016																							
		VMP-15-29-050316	5/3/2016																							
		VMP-15-29-080216	8/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5	11/20/2009																								
		VMP-16-5-090210	9/2/2010																								
		VMP-16-5-112910	11/29/2010																								
		VMP-16-5-021511	2/15/2011																								
		VMP-16-5-042211	4/22/2011																								
		VMP-16-5-080511	8/5/2011																								
		VMP-16-5-042512	4/25/2012																								
		VMP-16-5-073012	7/30/2012																								
		VMP-16-5-102512	10/25/2012																								
		VMP-16-5-021413	2/14/2013																								
		VMP-16-5-042313	4/23/2013																								
		VMP-16-5-081313	8/13/2013																								
		VMP-16-5-111513	11/15/2013																								
		VMP-16-5-030614	3/6/2014																								
		VMP-16-5-050214	5/2/2014																								
		VMP-16-5-081514	8/15/2014																								
		VMP-16-5-110714	11/7/2014																								
		VMP-16-5-021115	2/11/2015																								
		VMP-16-5-050715	5/7/2015																								
		VMP-16-5-073115	7/31/2015																								
		VMP-16-5-110415	11/4/2015																								
		VMP-16-5-020316	2/3/2016																								
		VMP-16-5-050416	5/4/2016																								
		VMP-16-5-080316	8/3/2016																								
		VMP-16-5-103116	10/31/2016																								
	13.5 ft	VMP-16-13.5	11/19/2009																								
		VMP-16-13.5-090210	9/2/2010																								
		VMP-16-13.5-090210-DUP	9/2/2010																								
		VMP-16-13.5-112910	11/29/2010																								
		VMP-16-13.5-021611	2/16/2011																								
		VMP-16-13.5-021611-DUP	2/16/2011																								
		VMP-16-13.5-042211	4/22/2011																								
		VMP-16-13.5-080511	8/5/2011																								
		VMP-16-13.5-042512	4/25/2012																								
		VMP-16-13.5-073012	7/30/2012																								
		VMP-16-13.5-102512	10/25/2012																								
		VMP-16-13.5-021413	2/14/2013																								
		VMP-16-13.5-042313	4/23/2013																								
		VMP-16-13.5-081313	8/13/2013																								
		VMP-16-13.5-081313-Dup	8/13/2013																								
		VMP-16-13.5-111513	11/15/2013																								
		VMP-16-13.5-030614	3/6/2014																								
		VMP-16-13.5-050214	5/2/2014																								
		VMP-16-13.5-050214-Dup	5/2/2014																								
		VMP-16-13.5-081514	8/15/2014																								
		VMP-16-13.5-110714	11/7/2014																								
		VMP-16-13.5-110714-DUP	11/7/2014																								
		VMP-16-13.5-021115	2/11/2015																								
		VMP-16-13.5-050715	5/7/2015																								
		VMP-16-13.5-073115	7/31/2015																								
		VMP-16-13.5-110415	11/4/2015																								
		VMP-16-13.5-020316	2/3/2016																								
		VMP-16-13.5-052516-R	5/25/2016																								
		VMP-16-13.5-080316	8/3/2016																								
		VMP-16-13.5-103116	10/31/2016																								

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-16	19 ft	VMP-16-19	11/19/2009																							
		VMP-16-19-090210	9/2/2010																							
		VMP-16-19-112910	11/29/2010																							
		VMP-16-19-021611	2/16/2011																							
		VMP-16-19-042711	4/27/2011																							
		VMP-16-19-042711-DUP	4/27/2011																							
		VMP-16-19-042512	4/25/2012																							
		VMP-16-19-073012	7/30/2012																							
		VMP-16-19-102512	10/25/2012																							
		VMP-16-19-021413	2/14/2013																							
		VMP-16-19-042313	4/23/2013																							
		VMP-16-19-081313	8/13/2013																							
		VMP-16-19-111513	11/15/2013																							
		VMP-16-19-111513-Dup	11/15/2013																							
		VMP-16-19-030614	3/6/2014																							
		VMP-16-19-050214	5/2/2014																							
		VMP-16-19-081514	8/15/2014																							
		VMP-16-19-110714	11/7/2014																							
		VMP-16-19-120214-R	12/2/2014																							
		VMP-16-19-021115	2/11/2015																							
		VMP-16-19-050715	5/7/2015																							
		VMP-16-19-073115	7/31/2015																							
		VMP-16-19-110415	11/4/2015																							
		VMP-16-19-020316	2/3/2016																							
		VMP-16-19-050416	5/4/2016																							
		VMP-16-19-080316	8/3/2016																							
		VMP-16-19-103116	10/31/2016																							
	31 ft	VMP-16-31	11/19/2009																							
		VMP-16-31-D	11/19/2009																							
		VMP-16-31-090310	9/3/2010																							
		VMP-16-31-112910	11/29/2010																							
		VMP-16-31-042512	4/25/2012																							
		VMP-16-31-073012	7/30/2012																							
		VMP-16-31-102512	10/25/2012																							
		VMP-16-31-021813	2/18/2013																							
		VMP-16-31-042313	4/23/2013																							
		VMP-16-31-081313	8/13/2013																							
		VMP-16-31-111513	11/15/2013																							
		VMP-16-31-030614	3/6/2014																							
		VMP-16-31-050214	5/2/2014																							
		VMP-16-31-081514	8/15/2014																							
		VMP-16-31-081514-Dup	8/15/2014																							
		VMP-16-31-110714	11/7/2014																							
		VMP-16-31-021115	2/11/2015																							
		VMP-16-31-050715	5/7/2015																							
		VMP-16-31-073115	7/31/2015																							
		VMP-16-31-073115-DUP	7/31/2015																							
		VMP-16-31-110415	11/4/2015																							
		VMP-16-31-020316	2/3/2016																							
		VMP-16-31-020316-DUP	2/3/2016																							
		VMP-16-31-050416	5/4/2016																							
		VMP-16-31-050416-DUP	5/4/2016																							
		VMP-16-31-080316	8/3/2016																							
		VMP-16-31-103116	10/31/2016																							
		VMP-16-31-103116-Dup	10/31/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-17	5 ft	VMP-17-5	6/21/2010																							
		VMP-17-5-DUP	6/21/2010																							
		VMP-17-5-090110	9/1/2010																							
		VMP-17-5-112210	11/22/2010																							
		VMP-17-5-020711	2/7/2011																							
		VMP-17-5-040611	4/6/2011																							
		VMP-17-5-080111	8/1/2011																							
		VMP-17-5-110711	11/7/2011																							
		VMP-17-5-012612	1/26/2012																							
		VMP-17-5-041112	4/11/2012																							
		VMP-17-5-071112	7/11/2012																							
		VMP-17-5-100912	10/9/2012																							
		VMP-17-5-013113	1/31/2013																							
		VMP-17-5-013113-DUP	1/31/2013																							
		VMP-17-5-050113	5/1/2013																							
		VMP-17-5-072913	7/29/2013																							
		VMP-17-5-072913-Dup	7/29/2013																							
		VMP-17-5-110813	11/8/2013																							
		VMP-17-5-021114	2/11/2014																							
		VMP-17-5-042214	4/22/2014																							
		VMP-17-5-073114	7/31/2014																							
		VMP-17-5-103014	10/30/2014																							
		VMP-17-5-020415	2/4/2015																							
		VMP-17-5-050115	5/1/2015																							
		VMP-17-5-072815	7/28/2015																							
		VMP-17-5-102915	10/29/2015																							
		VMP-17-5-020216	2/2/2016																							
		VMP-17-5-050216	5/2/2016																							
		VMP-17-5-072516	7/25/2016																							
		VMP-17-5-103116	10/31/2016																							
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010																							
		VMP-18-8.5-090710	9/7/2010																							
		VMP-18-8.5-111910	11/19/2010																							
		VMP-18-8.5-020711	2/7/2011																							
		VMP-18-8.5-020711-DUP	2/7/2011																							
		VMP-18-8.5-040711	4/7/2011																							
		VMP-18-8.5-072811	7/28/2011																							
		VMP-18-8.5-110711	11/7/2011																							
		VMP-18-8.5-012312	1/23/2012																							
		VMP-18-8.5-041012	4/10/2012																							
		VMP-18-8.5-071212	7/12/2012																							
		VMP-18-8.5-100912	10/9/2012																							
		VMP-18-8.5-012313	1/23/2013																							
		VMP-18-8.5-050113	5/1/2013																							
		VMP-18-8.5-072913	7/29/2013																							
		VMP-18-8.5-102513	10/25/2013																							
		VMP-18-8.5-102513-Dup	10/25/2013																							
		VMP-18-8.5-020614	2/6/2014																							
		VMP-18-8.5-042214	4/22/2014																							
		VMP-18-8.5-042214-Dup	4/22/2014																							
		VMP-18-8.5-073114	7/31/2014																							
		VMP-18-8.5-110314	11/3/2014																							
		VMP-18-8.5-020415	2/4/2015																							
		VMP-18-8.5-050115	5/1/2015																							
		VMP-18-8.5-050115-DUP	5/1/2015																							
		VMP-18-8.5-072815	7/28/2015																							
		VMP-18-8.5-102915	10/29/2015																							
		VMP-18-8.5-020216	2/2/2016																							
		VMP-18-8.5-050516	5/5/2016																							
		VMP-18-8.5-072516	7/25/2016																							
		VMP-18-8.5-102516	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-19	5 ft	VMP-19-5	6/18/2010																								
		VMP-19-5-090110	9/1/2010																								
		VMP-19-5-111510	11/15/2010																								
		VMP-19-5-020411	2/4/2011																								
		VMP-19-5-040711	4/7/2011																								
		VMP-19-5-080911	8/9/2011																								
		VMP-19-5-080911-DUP	8/9/2011																								
		VMP-19-5-110811	11/8/2011																								
		VMP-19-5-012612	1/26/2012																								
		VMP-19-5-041012	4/10/2012																								
		VMP-19-5-071112	7/11/2012																								
		VMP-19-5-100912	10/9/2012																								
		VMP-19-5-013113	1/31/2013																								
		VMP-19-5-043013	4/30/2013																								
		VMP-19-5-073113	7/31/2013																								
		VMP-19-5-102513	10/25/2013																								
		VMP-19-5-020614	2/6/2014																								
		VMP-19-5-042214	4/22/2014																								
		VMP-19-5-073114	7/31/2014																								
		VMP-19-5-110314	11/3/2014																								
		VMP-19-5-020415	2/4/2015																								
		VMP-19-5-050115	5/1/2015																								
		VMP-19-5-072815	7/28/2015																								
		VMP-19-5-102615	10/26/2015																								
		VMP-19-5-020216	2/2/2016																								
		VMP-19-5-050616	5/6/2016																								
		VMP-19-5-072816	7/28/2016																								
		VMP-19-5-102516	10/26/2016																								
VMP-20	5 ft	VMP-20-5-031411	3/14/2011																								
		VMP-20-5-041511	4/15/2011																								
		VMP-20-5-072511	7/25/2011																								
		VMP-20-5-110111	11/1/2011																								
		VMP-20-5-012312	1/23/2012																								
		VMP-20-5-041012	4/10/2012																								
		VMP-20-5-071112	7/11/2012																								
		VMP-20-5-073112	7/31/2012																								
		VMP-20-5-100412	10/4/2012																								
		VMP-20-5-020713	2/7/2013																								
		VMP-20-5-041913	4/19/2013																								
		VMP-20-5-072313	7/23/2013																								
		VMP-20-5-110113	11/1/2013																								
		VMP-20-5-021014	2/10/2014																								
		VMP-20-5-042114	4/21/2014																								
		VMP-20-5-072514	7/25/2014																								
		VMP-20-5-102714	10/27/2014																								
		VMP-20-5-012715	1/27/2015																								
		VMP-20-5-042715	4/27/2015																								
		VMP-20-5-072015	7/20/2015																								
		VMP-20-5-102015	10/20/2015																								
		VMP-20-5-021616	2/16/2016																								
		VMP-20-5-042516	4/25/2016																								
		VMP-20-5-072216	7/22/2016																								
		VMP-20-5-102616	10/26/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-20	10 ft	VMP-20-10-031411	3/14/2011																							
		VMP-20-10-041511	4/15/2011																							
		VMP-20-10-072511	7/25/2011																							
		VMP-20-10-110111	11/1/2011																							
		VMP-20-10-012312	1/23/2012																							
		VMP-20-10-041012	4/10/2012																							
		VMP-20-10-071112	7/11/2012																							
		VMP-20-10-100412	10/4/2012																							
		VMP-20-10-012213	1/22/2013																							
		VMP-20-10-041913	4/19/2013																							
		VMP-20-10-072313	7/23/2013																							
		VMP-20-10-110113	11/1/2013																							
		VMP-20-10-110113-Dup	11/1/2013																							
		VMP-20-10-021014	2/10/2014																							
		VMP-20-10-042114	4/21/2014																							
		VMP-20-10-072514	7/25/2014																							
		VMP-20-10-102714	10/27/2014																							
		VMP-20-10-012715	1/27/2015																							
		VMP-20-10-012715-DUP	1/27/2015																							
		VMP-20-10-042715	4/27/2015																							
		VMP-20-10-072015	7/20/2015																							
		VMP-20-10-102015	10/20/2015																							
		VMP-20-10-102015-DUP	10/20/2015																							
		VMP-20-10-021616	2/16/2016																							
		VMP-20-10-042516	4/25/2016																							
		VMP-20-10-072216	7/22/2016																							
		VMP-20-10-102616	10/26/2016																							
	25 ft	VMP-20-25-031411	3/14/2011																							
		VMP-20-25-041511	4/15/2011																							
		VMP-20-25-072611	7/26/2011																							
		VMP-20-25-110511	11/5/2011																							
		VMP-20-25-012312	1/23/2012																							
		VMP-20-25-041012	4/10/2012																							
		VMP-20-25-041012-Dup	4/10/2012																							
		VMP-20-25-071112	7/11/2012																							
		VMP-20-25-100412	10/4/2012																							
		VMP-20-25-012213	1/22/2013																							
		VMP-20-25-041913	4/19/2013																							
		VMP-20-25-072313	7/23/2013																							
		VMP-20-25-110113	11/1/2013																							
		VMP-20-25-021014	2/10/2014																							
		VMP-20-25-042114	4/21/2014																							
		VMP-20-25-072514	7/25/2014																							
		VMP-20-25-102714	10/27/2014																							
		VMP-20-25-012715	1/27/2015																							
		VMP-20-25-042715	4/27/2015																							
		VMP-20-25-072015	7/20/2015																							
		VMP-20-25-102015	10/20/2015																							
		VMP-20-25-020216	2/2/2016																							
		VMP-20-25-042516	4/25/2016																							
		VMP-20-25-072216	7/22/2016																							
		VMP-20-25-102616	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-20	39.5 ft	VMP-20-39.5-042114	4/21/2014																							
		VMP-20-39.5-042715	4/27/2015																							
		VMP-20-39.5-042715-DUP	4/27/2015																							
		VMP-20-39.5-072015	7/20/2015																							
		VMP-20-39.5-072015-DUP	7/20/2015																							
		VMP-20-39.5-100412	10/4/2012																							
		VMP-20-39.5-012313	1/23/2013																							
		VMP-20-39.5-041913	4/19/2013																							
		VMP-20-39.5-072313	7/23/2013																							
		VMP-20-39.5-110113	11/1/2013																							
		VMP-20-39.5-021014	2/10/2014																							
		VMP-20-39.5-021014-Dup	2/10/2014																							
		VMP-20-39.5-072514	7/25/2014																							
		VMP-20-39.5-072514-Dup	7/25/2014																							
		VMP-20-39.5-102714	10/27/2014																							
		VMP-20-39.5-012715	1/27/2015																							
		VMP-20-39.5-102015	10/20/2015																							
		VMP-20-39.5-020216	2/2/2016																							
		VMP-20-39.5-020216-DUP	2/2/2016																							
VMP-21	5 ft	VMP-21-5-020911	2/9/2011																							
		VMP-21-5-020911-DUP	2/9/2011																							
		VMP-21-5-041311	4/13/2011																							
		VMP-21-5-072511	7/25/2011																							
		VMP-21-5-110111	11/1/2011																							
		VMP-21-5-012312	1/23/2012																							
		VMP-21-5-012312-DUP	1/23/2012																							
		VMP-21-5-042412	4/24/2012																							
		VMP-21-5-071012	7/10/2012																							
		VMP-21-5-100412	10/4/2012																							
		VMP-21-5-020613	2/6/2013																							
		VMP-21-5-051013	5/10/2013																							
		VMP-21-5-072313	7/23/2013																							
		VMP-21-5-102113	10/21/2013																							
		VMP-21-5-022414	2/24/2014																							
		VMP-21-5-042114	4/21/2014																							
		VMP-21-5-072814	7/28/2014																							
		VMP-21-5-102714	10/27/2014																							
		VMP-21-5-012715	1/27/2015																							
		VMP-21-5-042715	4/27/2015																							
		VMP-21-5-072015	7/20/2015																							
		VMP-21-5-102315	10/23/2015																							
		VMP-21-5-012616	1/26/2016																							
		VMP-21-5-042716	4/27/2016																							
		VMP-21-5-072616	7/26/2016																							
		VMP-21-5-102416	10/24/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011																							
		VMP-21-10-041311	4/13/2011																							
		VMP-21-10-072511	7/25/2011																							
		VMP-21-10-110111	11/1/2011																							
		VMP-21-10-012312	1/23/2012																							
		VMP-21-10-040912	4/9/2012																							
		VMP-21-10-071012	7/10/2012																							
		VMP-21-10-100412	10/4/2012																							
		VMP-21-10-020513	2/5/2013																							
		VMP-21-10-020513-DUP	2/5/2013																							
		VMP-21-10-051013	5/10/2013																							
		VMP-21-10-072313	7/23/2013																							
		VMP-21-10-102113	10/21/2013																							
		VMP-21-10-022414	2/24/2014																							
		VMP-21-10-042114	4/21/2014																							
		VMP-21-10-072814	7/28/2014																							
		VMP-21-10-102714	10/27/2014																							
		VMP-21-10-012715	1/27/2015																							
		VMP-21-10-042715	4/27/2015																							
		VMP-21-10-072015	7/20/2015																							
		VMP-21-10-102315	10/23/2015																							
		VMP-21-10-012616	1/26/2016																							
		VMP-21-10-042716	4/27/2016																							
		VMP-21-10-072616	7/26/2016																							
		VMP-21-10-102416	10/24/2016																							
	25 ft	VMP-21-25-021011	2/10/2011																							
		VMP-21-25-041411	4/14/2011																							
		VMP-21-25-041411-DUP	4/14/2011																							
		VMP-21-25-072611	7/26/2011																							
		VMP-21-25-110511	11/5/2011																							
		VMP-21-25-012412	1/24/2012																							
		VMP-21-25-040912	4/9/2012																							
		VMP-21-25-071112	7/11/2012																							
		VMP-21-25-100412	10/4/2012																							
		VMP-21-25-020513	2/5/2013																							
		VMP-21-25-020513-DUP	2/5/2013																							
		VMP-21-25-051013	5/10/2013																							
		VMP-21-25-072313	7/23/2013																							
		VMP-21-25-102113	10/21/2013																							
		VMP-21-25-042114	4/21/2014																							
		VMP-21-25-072814	7/28/2014																							
		VMP-21-25-102714	10/27/2014																							
		VMP-21-25-012715	1/27/2015																							
		VMP-21-25-042715	4/27/2015																							
		VMP-21-25-072015	7/20/2015																							
		VMP-21-25-102315	10/23/2015																							
		VMP-21-25-012616	1/26/2016																							
		VMP-21-25-042716	4/27/2016																							
		VMP-21-25-072616	7/26/2016																							
		VMP-21-25-102416	10/24/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-021011	2/10/2011																							
		VMP-21-33-041411	4/14/2011																							
		VMP-21-33-110511	11/5/2011																							
		VMP-21-33-012412	1/24/2012																							
		VMP-21-33-042412	4/24/2012																							
		VMP-21-33-071112	7/11/2012																							
		VMP-21-33-100412	10/4/2012																							
		VMP-21-33-020513	2/5/2013																							
		VMP-21-33-051013	5/10/2013																							
		VMP-21-33-102113	10/21/2013																							
		VMP-21-33-102113-DUP	10/21/2013																							
		VMP-21-33-022414	2/24/2014																							
		VMP-21-33-022414-Dup	2/24/2014																							
		VMP-21-33-042114	4/21/2014																							
		VMP-21-33-072814	7/28/2014																							
		VMP-21-33-102714	10/27/2014																							
		VMP-21-33-102714-DUP	10/27/2014																							
		VMP-21-33-012715	1/27/2015																							
		VMP-21-33-072015	7/20/2015																							
		VMP-21-33-102315	10/23/2015																							
		VMP-21-33-102315-DUP	10/23/2015																							
		VMP-21-33-042716	4/27/2016																							
		VMP-21-33-072616	7/26/2016																							
		VMP-21-33-102416	10/24/2016																							
VMP-22	5 ft	VMP-22-5-021111	2/11/2011																							
		VMP-22-5-041811	4/18/2011																							
		VMP-22-5-072611	7/26/2011																							
		VMP-22-5-110111	11/1/2011																							
		VMP-22-5-012412	1/24/2012																							
		VMP-22-5-040912	4/9/2012																							
		VMP-22-5-070912	7/9/2012																							
		VMP-22-5-100312	10/3/2012																							
		VMP-22-5-100312-Dup	10/3/2012																							
		VMP-22-5-012413	1/24/2013																							
		VMP-22-5-041913	4/19/2013																							
		VMP-22-5-072313	7/23/2013																							
		VMP-22-5-072313-Dup	7/23/2013																							
		VMP-22-5-101813	10/18/2013																							
		VMP-22-5-021314	2/13/2014																							
		VMP-22-5-042214	4/22/2014																							
		VMP-22-5-072814	7/28/2014																							
		VMP-22-5-102414	10/24/2014																							
		VMP-22-5-012715	1/27/2015																							
		VMP-22-5-042715	4/27/2015																							
		VMP-22-5-072015	7/20/2015																							
		VMP-22-5-012616	1/26/2016																							
		VMP-22-5-042616	4/26/2016																							
		VMP-22-5-072216	7/22/2016																							
		VMP-22-5-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011																							
		VMP-22-10-041811	4/18/2011																							
		VMP-22-10-072611	7/26/2011																							
		VMP-22-10-072611-DUP	7/26/2011																							
		VMP-22-10-110211	11/2/2011																							
		VMP-22-10-012412	1/24/2012																							
		VMP-22-10-040912	4/9/2012																							
		VMP-22-10-070912	7/9/2012																							
		VMP-22-10-070912-Dup	7/9/2012																							
		VMP-22-10-100312	10/3/2012																							
		VMP-22-10-012413	1/24/2013																							
		VMP-22-10-041913	4/19/2013																							
		VMP-22-10-072313	7/23/2013																							
		VMP-22-10-101813	10/18/2013																							
		VMP-22-10-021314	2/13/2014																							
		VMP-22-10-042214	4/22/2014																							
		VMP-22-10-072814	7/28/2014																							
		VMP-22-10-102414	10/24/2014																							
		VMP-22-10-012715	1/27/2015																							
		VMP-22-10-042715	4/27/2015																							
		VMP-22-10-072015	7/20/2015																							
		VMP-22-10-102315	10/23/2015																							
		VMP-22-10-012616	1/26/2016																							
		VMP-22-10-042616	4/26/2016																							
		VMP-22-10-072216	7/22/2016																							
		VMP-22-10-102716	10/27/2016																							
	18 ft	VMP-22-18-021111	2/11/2011																							
		VMP-22-18-041811	4/18/2011																							
		VMP-22-18-072611	7/26/2011																							
		VMP-22-18-110511	11/5/2011																							
		VMP-22-18-012412	1/24/2012																							
		VMP-22-18-040912	4/9/2012																							
		VMP-22-18-070912	7/9/2012																							
		VMP-22-18-100412	10/4/2012																							
		VMP-22-18-012413	1/24/2013																							
		VMP-22-18-042213	4/22/2013																							
		VMP-22-18-072913	7/29/2013																							
		VMP-22-18-101813	10/18/2013																							
		VMP-22-18-021314	2/13/2014																							
		VMP-22-18-042214	4/22/2014																							
		VMP-22-18-072814	7/28/2014																							
		VMP-22-18-102414	10/24/2014																							
		VMP-22-18-012715	1/27/2015																							
		VMP-22-18-012715-DUP	1/27/2015																							
		VMP-22-18-042715	4/27/2015																							
		VMP-22-18-072015	7/20/2015																							
		VMP-22-18-102315	10/23/2015																							
		VMP-22-18-012616	1/26/2016																							
		VMP-22-18-042616	4/26/2016																							
		VMP-22-18-072216	7/22/2016																							
		VMP-22-18-102716	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-22	38 ft	VMP-22-38-041811	4/18/2011																							
		VMP-22-38-012512	1/25/2012																							
		VMP-22-38-040912	4/9/2012																							
		VMP-22-38-070912	7/9/2012																							
		VMP-22-38-100412	10/4/2012																							
		VMP-22-38-012413	1/24/2013																							
		VMP-22-38-042213	4/22/2013																							
		VMP-22-38-072913	7/29/2013																							
		VMP-22-38-101813	10/18/2013																							
		VMP-22-38-021314	2/13/2014																							
		VMP-22-38-021314-Dup	2/13/2014																							
		VMP-22-38-042214	4/22/2014																							
		VMP-22-38-072814	7/28/2014																							
		VMP-22-38-072814-DUP	7/28/2014																							
		VMP-22-38-102414	10/24/2014																							
		VMP-22-38-102414-DUP	10/24/2014																							
		VMP-22-38-012715	1/27/2015																							
		VMP-22-38-042715	4/27/2015																							
		VMP-22-38-042715-DUP	4/27/2015																							
		VMP-22-38-072015	7/20/2015																							
		VMP-22-38-072015-DUP	7/20/2015																							
		VMP-22-38-102315	10/23/2015																							
		VMP-22-38-012616-DUP	1/26/2016																							
		VMP-22-38-042616	4/26/2016																							
		VMP-22-38-072216	7/22/2016																							
		VMP-22-38-072216-DUP	7/22/2016																							
		VMP-22-38-102716	10/27/2016																							
		VMP-22-38-102716-Dup	10/27/2016																							
VMP-23	5 ft	VMP-23-5-021511	2/15/2011																							
		VMP-23-5-042111	4/21/2011																							
		VMP-23-5-072711	7/27/2011																							
		VMP-23-5-110211	11/2/2011																							
		VMP-23-5-012512	1/25/2012																							
		VMP-23-5-040912	4/9/2012																							
		VMP-23-5-070912	7/9/2012																							
		VMP-23-5-100312	10/3/2012																							
		VMP-23-5-012413	1/24/2013																							
		VMP-23-5-042213	4/22/2013																							
		VMP-23-5-072313	7/23/2013																							
		VMP-23-5-101813	10/18/2013																							
		VMP-23-5-021314	2/13/2014																							
		VMP-23-5-042114	4/21/2014																							
		VMP-23-5-080514	8/5/2014																							
		VMP-23-5-102414	10/24/2014																							
		VMP-23-5-012715	1/27/2015																							
		VMP-23-5-042715	4/27/2015																							
		VMP-23-5-072015	7/20/2015																							
		VMP-23-5-102615	10/26/2015																							
		VMP-23-5-012516	1/25/2016																							
		VMP-23-5-062816	6/28/2016																							
		VMP-23-5-072216	7/22/2016																							
		VMP-23-5-101916	10/19/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011																							
		VMP-23-10-042111	4/21/2011																							
		VMP-23-10-072711	7/27/2011																							
		VMP-23-10-110211	11/2/2011																							
		VMP-23-10-012512	1/25/2012																							
		VMP-23-10-040912	4/9/2012																							
		VMP-23-10-040912-Dup	4/9/2012																							
		VMP-23-10-070912	7/9/2012																							
		VMP-23-10-100312	10/3/2012																							
		VMP-23-10-012413	1/24/2013																							
		VMP-23-10-042213	4/22/2013																							
		VMP-23-10-072313	7/23/2013																							
		VMP-23-10-101813	10/18/2013																							
		VMP-23-10-101813-DUP	10/18/2013																							
		VMP-23-10-021314	2/13/2014																							
		VMP-23-10-042114	4/21/2014																							
		VMP-23-10-080514	8/5/2014																							
		VMP-23-10-102414	10/24/2014																							
		VMP-23-10-012715	1/27/2015																							
		VMP-23-10-042715	4/27/2015																							
		VMP-23-10-072015	7/20/2015																							
		VMP-23-10-102615	10/26/2015																							
		VMP-23-10-012516	1/25/2016																							
		VMP-23-10-062816	6/28/2016																							
		VMP-23-10-072216	7/22/2016																							
		VMP-23-10-101916	10/19/2016																							
	25 ft	VMP-23-25-021511	2/15/2011																							
		VMP-23-25-042111	4/21/2011																							
		VMP-23-25-072711	7/27/2011																							
		VMP-23-25-110511	11/5/2011																							
		VMP-23-25-012512	1/25/2012																							
		VMP-23-25-040912	4/9/2012																							
		VMP-23-25-071012	7/10/2012																							
		VMP-23-25-100312	10/3/2012																							
		VMP-23-25-012413	1/24/2013																							
		VMP-23-25-042213	4/22/2013																							
		VMP-23-25-072313	7/23/2013																							
		VMP-23-25-102113	10/21/2013																							
		VMP-23-25-021314	2/13/2014																							
		VMP-23-25-042114	4/21/2014																							
		VMP-23-25-080514	8/5/2014																							
		VMP-23-25-102414	10/24/2014																							
		VMP-23-25-012715	1/27/2015																							
		VMP-23-25-042715	4/27/2015																							
		VMP-23-25-072015	7/20/2015																							
		VMP-23-25-102615	10/26/2015																							
		VMP-23-25-012516	1/25/2016																							
		VMP-23-25-062816	6/28/2016																							
		VMP-23-25-072216	7/22/2016																							
		VMP-23-25-101916	10/19/2016																							
	40 ft	VMP-23-40-071012	7/10/2012																							
		VMP-23-40-100312	10/3/2012																							
		VMP-23-40-012413	1/24/2013																							
		VMP-23-40-042213	4/22/2013																							
		VMP-23-40-042213-Dup	4/22/2013																							
		VMP-23-40-102113	10/21/2013																							
		VMP-23-40-021314	2/13/2014																							
		VMP-23-40-042114	4/21/2014																							
		VMP-23-40-080514	8/5/2014																							
		VMP-23-40-102414	10/24/2014																							
		VMP-23-40-012715	1/27/2015																							
		VMP-23-40-042715	4/27/2015																							
		VMP-23-40-072015	7/20/2015																							
		VMP-23-40-102615	10/26/2015																							
		VMP-23-40-102615-DUP	10/26/2015																							
		VMP-23-40-012516	1/25/2016																							
		VMP-23-40-072216	7/22/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-021611	2/16/2011																							
		VMP-24-5-040811	4/8/2011																							
		VMP-24-5-072811	7/28/2011																							
		VMP-24-5-110211	11/2/2011																							
		VMP-24-5-110211-DUP	11/2/2011																							
		VMP-24-5-012512	1/25/2012																							
		VMP-24-5-040912	4/9/2012																							
		VMP-24-5-071212	7/12/2012																							
		VMP-24-5-101912	10/19/2012																							
		VMP-24-5-012313	1/23/2013																							
		VMP-24-5-050113	5/1/2013																							
		VMP-24-5-073113	7/31/2013																							
		VMP-24-5-102113	10/21/2013																							
		VMP-24-5-020614	2/6/2014																							
		VMP-24-5-042114	4/21/2014																							
		VMP-24-5-072814	7/28/2014																							
		VMP-24-5-102714	10/27/2014																							
		VMP-24-5-020215	2/2/2015																							
		VMP-24-5-042715	4/27/2015																							
		VMP-24-5-072115	7/21/2015																							
		VMP-24-5-102915	10/29/2015																							
		VMP-24-5-012716	1/27/2016																							
		VMP-24-5-042916	4/29/2016																							
		VMP-24-5-072716	7/27/2016																							
		VMP-24-5-102816	10/28/2016																							
	10 ft	VMP-24-10-021711	2/17/2011																							
		VMP-24-10-041111	4/11/2011																							
		VMP-24-10-072811	7/28/2011																							
		VMP-24-10-110211	11/2/2011																							
		VMP-24-10-012512	1/25/2012																							
		VMP-24-10-041012	4/10/2012																							
		VMP-24-10-071212	7/12/2012																							
		VMP-24-10-100912	10/9/2012																							
		VMP-24-10-012313	1/23/2013																							
		VMP-24-10-042513	4/25/2013																							
		VMP-24-10-073113	7/31/2013																							
		VMP-24-10-102113	10/21/2013																							
		VMP-24-10-020614	2/6/2014																							
		VMP-24-10-042114	4/21/2014																							
		VMP-24-10-072814	7/28/2014																							
		VMP-24-10-102714	10/27/2014																							
		VMP-24-10-020215	2/2/2015																							
		VMP-24-10-042715	4/27/2015																							
		VMP-24-10-072115	7/21/2015																							
		VMP-24-10-102915	10/29/2015																							
		VMP-24-10-012716	1/27/2016																							
		VMP-24-10-042916	4/29/2016																							
		VMP-24-10-072716	7/27/2016																							
		VMP-24-10-102816	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011																							
		VMP-24-22-041111	4/11/2011																							
		VMP-24-22-072811	7/28/2011																							
		VMP-24-22-072811-Dup	7/28/2011																							
		VMP-24-22-110611	11/6/2011																							
		VMP-24-22-012512	1/25/2012																							
		VMP-24-22-041012	4/10/2012																							
		VMP-24-22-071212	7/12/2012																							
		VMP-24-22-100912	10/9/2012																							
		VMP-24-22-012313	1/23/2013																							
		VMP-24-22-042513	4/25/2013																							
		VMP-24-22-042513-Dup	4/25/2013																							
		VMP-24-22-073113	7/31/2013																							
		VMP-24-22-102213	10/22/2013																							
		VMP-24-22-020614	2/6/2014																							
		VMP-24-22-042114	4/21/2014																							
		VMP-24-22-072814	7/28/2014																							
		VMP-24-22-102714	10/27/2014																							
		VMP-24-22-020215	2/2/2015																							
		VMP-24-22-042715	4/27/2015																							
		VMP-24-22-072115	7/21/2015																							
		VMP-24-22-082415	8/24/2015																							
		VMP-24-22-082415-DUP	8/24/2015																							
		VMP-24-22-102915	10/29/2015																							
		VMP-24-22-012716	1/27/2016																							
		VMP-24-22-042916	4/29/2016																							
		VMP-24-22-072716	7/27/2016																							
		VMP-24-22-102816	10/28/2016																							
	34 ft	VMP-24-34-021711	2/17/2011																							
		VMP-24-34-041111	4/11/2011																							
		VMP-24-34-072811	7/28/2011																							
		VMP-24-34-110611	11/6/2011																							
		VMP-24-34-012512	1/25/2012																							
		VMP-24-34-041012	4/10/2012																							
		VMP-24-34-071212	7/12/2012																							
		VMP-24-34-100912	10/9/2012																							
		VMP-24-34-012313	1/23/2013																							
		VMP-24-34-050613	5/6/2013																							
		VMP-24-34-073113	7/31/2013																							
		VMP-24-34-073113-Dup	7/31/2013																							
		VMP-24-34-102213	10/22/2013																							
		VMP-24-34-020614	2/6/2014																							
		VMP-24-34-042114	4/21/2014																							
		VMP-24-34-072814	7/28/2014																							
		VMP-24-34-072814-DUP	7/28/2014																							
		VMP-24-34-102714	10/27/2014																							
		VMP-24-34-102714-DUP	10/27/2014																							
		VMP-24-34-020215	2/2/2015																							
		VMP-24-34-020215-DUP	2/2/2015																							
		VMP-24-34-042715	4/27/2015																							
		VMP-24-34-072115	7/21/2015																							
		VMP-24-34-072115-DUP	7/21/2015																							
		VMP-24-34-102915	10/29/2015																							
		VMP-24-34-012716	1/27/2016																							
		VMP-24-34-042916	4/29/2016																							
		VMP-24-34-072716	7/27/2016																							
		VMP-24-34-072716-DUP	7/27/2016																							
		VMP-24-34-102816	10/28/2016																							
		VMP-24-34-102816-Dup	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-25	5 ft	VMP-25-5-031511	3/15/2011																							
		VMP-25-5-040811	4/8/2011																							
		VMP-25-5-080911	8/9/2011																							
		VMP-25-5-111711	11/17/2011																							
		VMP-25-5-013112	1/31/2012																							
		VMP-25-5-042512	4/25/2012																							
		VMP-25-5-072612	7/26/2012																							
		VMP-25-5-102612	10/26/2012																							
		VMP-25-5-030613	3/6/2013																							
		VMP-25-5-051713	5/17/2013																							
		VMP-25-5-081513	8/15/2013																							
		VMP-25-5-081513-Dup	8/15/2013																							
		VMP-25-5-111313	11/13/2013																							
		VMP-25-5-050114	5/1/2014																							
		VMP-25-5-081414	8/14/2014																							
		VMP-25-5-110514	11/5/2014																							
		VMP-25-5-021115	2/11/2015																							
		VMP-25-5-050715	5/7/2015																							
		VMP-25-5-073015	7/30/2015																							
		VMP-25-5-110515	11/5/2015																							
		VMP-25-5-021616	2/16/2016																							
		VMP-25-5-050416	5/4/2016																							
		VMP-25-5-080316	8/3/2016																							
		VMP-25-5-103116	10/31/2016																							
	21 ft	VMP-25-21-031511	3/15/2011																							
		VMP-25-21-031511-DUP	3/15/2011																							
		VMP-25-21-040811	4/8/2011																							
		VMP-25-21-040811-DUP	4/8/2011																							
		VMP-25-21-080911	8/9/2011																							
		VMP-25-21-111711	11/17/2011																							
		VMP-25-21-111711-DUP	11/17/2011																							
		VMP-25-21-013112	1/31/2012																							
		VMP-25-21-013112-DUP	2/1/2012																							
		VMP-25-21-042512	4/25/2012																							
		VMP-25-21-072612	7/26/2012																							
		VMP-25-21-102612	10/26/2012																							
		VMP-25-21-030613	3/6/2013																							
		VMP-25-21-051713	5/17/2013																							
		VMP-25-21-081513	8/15/2013																							
		VMP-25-21-111313	11/13/2013																							
		VMP-25-21-111313-Dup	11/13/2013																							
		VMP-25-21-050114	5/1/2014																							
		VMP-25-21-081414	8/14/2014																							
		VMP-25-21-110514	11/5/2014																							
		VMP-25-21-021115	2/11/2015																							
		VMP-25-21-050715	5/7/2015																							
		VMP-25-21-073015	7/30/2015																							
		VMP-25-21-110515	11/5/2015																							
		VMP-25-21-050416	5/4/2016																							
		VMP-25-21-080316	8/3/2016																							
		VMP-25-21-103116	10/31/2016																							
		VMP-25-21-103116-Dup	10/31/2016																							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-25	31 ft	VMP-25-31-030613	3/6/2013																							
		VMP-25-31-081513	8/15/2013																							
		VMP-25-31-111313	11/13/2013																							
		VMP-25-31-050114	5/1/2014																							
		VMP-25-31-081414	8/14/2014																							
		VMP-25-31-110514	11/5/2014																							
		VMP-25-31-021115	2/11/2015																							
		VMP-25-31-021115-DUP	2/11/2015																							
		VMP-25-31-050715	5/7/2015																							
		VMP-25-31-050715-DUP	5/7/2015																							
		VMP-25-31-073015	7/30/2015																							
		VMP-25-31-073015-DUP	7/30/2015																							
		VMP-25-31-110515	11/5/2015																							
		VMP-25-31-021616	2/16/2016																							
		VMP-25-31-021616-DUP	2/16/2016																							
		VMP-25-31-050416	5/4/2016																							
		VMP-25-31-080316	8/3/2016																							
		VMP-25-31-080316-DUP	8/3/2016																							
		VMP-25-31-103116	10/31/2016																							
VMP-29	10 ft	VMP-29-10-073012	7/30/2012																							
		VMP-29-10-100812	10/8/2012																							
		VMP-29-10-020613	2/6/2013																							
		VMP-29-10-050613	5/6/2013																							
		VMP-29-10-080513	8/5/2013																							
		VMP-29-10-083013	8/30/2013																							
		VMP-29-10-102513	10/25/2013																							
		VMP-29-10-021214	2/12/2014																							
		VMP-29-10-042914	4/29/2014																							
		VMP-29-10-081214	8/12/2014																							
		VMP-29-10-110314	11/3/2014																							
		VMP-29-10-020515	2/5/2015																							
		VMP-29-10-050615	5/6/2015																							
		VMP-29-10-072715	7/27/2015																							
		VMP-29-10-103015	10/30/2015																							
		VMP-29-10-012716	1/27/2016																							
		VMP-29-10-050216	5/2/2016																							
		VMP-29-10-072816	7/28/2016																							
		VMP-29-10-120916	12/9/2016																							
	20 ft	VMP-29-20-073012	7/30/2012																							
		VMP-29-20-073012-Dup	7/30/2012																							
		VMP-29-20-100812	10/8/2012																							
		VMP-29-20-020613	2/6/2013																							
		VMP-29-20-050613	5/6/2013																							
		VMP-29-20-080513	8/5/2013																							
		VMP-29-20-102513	10/25/2013																							
		VMP-29-20-021214	2/12/2014																							
		VMP-29-20-042914	4/29/2014																							
		VMP-29-20-081214	8/12/2014																							
		VMP-29-20-110314	11/3/2014																							
		VMP-29-20-020515	2/5/2015																							
		VMP-29-20-050615	5/6/2015																							
		VMP-29-20-072715	7/27/2015																							
		VMP-29-20-103015	10/30/2015																							
	18 ft	VMP-29-20-020416-R	2/4/2016																							
		VMP-29-20-050216	5/2/2016																							
		VMP-29-20-072816	7/28/2016																							
		VMP-29-18-110316	11/3/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-29	26 ft	VMP-29-30-073012	7/30/2012																							
		VMP-29-30-100812	10/8/2012																							
		VMP-29-30-020613	2/6/2013																							
		VMP-29-30-050613	5/6/2013																							
		VMP-29-30-080513	8/5/2013																							
		VMP-29-30-080513-Dup	8/5/2013																							
		VMP-29-30-102513	10/25/2013																							
		VMP-29-30-021214	2/12/2014																							
		VMP-29-30-042914	4/29/2014																							
		VMP-29-30-081214	8/12/2014																							
		VMP-29-30-111214-R	11/12/2014																							
		VMP-29-30-111214-R-DUP	11/12/2014																							
		VMP-29-30-020615	2/6/2015																							
		VMP-29-30-050615	5/6/2015																							
		VMP-29-30-050615-DUP	5/6/2015																							
		VMP-29-30-080315	8/3/2015																							
		VMP-29-30-103015	10/30/2015																							
		VMP-29-30-012716	1/27/2016																							
		VMP-29-30-050216	5/2/2016																							
		VMP-29-30-072816	7/28/2016																							
		VMP-29-26-110316	11/3/2016																							
		VMP-29-26-110316-Dup	11/3/2016																							
VMP-30	10 ft	VMP-30-10-073012	7/30/2012																							
		VMP-30-10-100812	10/8/2012																							
		VMP-30-10-020613	2/6/2013																							
		VMP-30-10-050613	5/6/2013																							
		VMP-30-10-080513	8/5/2013																							
		VMP-30-10-102813	10/28/2013																							
		VMP-30-10-021214	2/12/2014																							
		VMP-30-10-042914	4/29/2014																							
		VMP-30-10-080814	8/8/2014																							
		VMP-30-10-110414	11/4/2014																							
		VMP-30-10-020615	2/6/2015																							
		VMP-30-10-050515	5/5/2015																							
		VMP-30-10-072715	7/27/2015																							
		VMP-30-10-103015	10/30/2015																							
		VMP-30-10-020416	2/4/2016																							
		VMP-30-10-050216	5/2/2016																							
		VMP-30-10-072816	7/28/2016																							
		VMP-30-10-110316	11/3/2016																							
	18 ft	VMP-30-20-073012	7/30/2012																							
		VMP-30-20-100812	10/8/2012																							
		VMP-30-20-020613	2/6/2013																							
		VMP-30-20-050613	5/6/2013																							
		VMP-30-20-080513	8/5/2013																							
		VMP-30-20-102813	10/28/2013																							
		VMP-30-20-021214	2/12/2014																							
		VMP-30-20-042914	4/29/2014																							
		VMP-30-20-080814	8/8/2014																							
		VMP-30-20-110414	11/4/2014																							
		VMP-30-20-020615	2/6/2015																							
		VMP-30-20-050515	5/5/2015																							
		VMP-30-20-072715	7/27/2015																							
		VMP-30-20-103015	10/30/2015																							
		VMP-30-20-012716	1/27/2016																							
		VMP-30-20-050216	5/2/2016																							
		VMP-30-20-072816	7/28/2016																							
		VMP-30-18-110316	11/3/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-30	26 ft	VMP-30-30-073012	7/30/2012																							
		VMP-30-30-100812	10/8/2012																							
		VMP-30-30-020613	2/6/2013																							
		VMP-30-30-050613	5/6/2013																							
		VMP-30-30-081413	8/14/2013																							
		VMP-30-30-102813	10/28/2013																							
		VMP-30-30-021214	2/12/2014																							
		VMP-30-30-042914	4/29/2014																							
		VMP-30-30-042914-DUP	4/29/2014																							
		VMP-30-30-080814	8/8/2014																							
		VMP-30-30-110414	11/4/2014																							
		VMP-30-30-020615	2/6/2015																							
		VMP-30-30-050515	5/5/2015																							
		VMP-30-30-050515-DUP	5/5/2015																							
		VMP-30-30-072715	7/27/2015																							
		VMP-30-30-103015	10/30/2015																							
		VMP-30-30-012716	1/27/2016																							
		VMP-30-30-050216	5/2/2016																							
		VMP-30-30-072816	7/28/2016																							
		VMP-30-30-072816-DUP	7/28/2016																							
		VMP-30-26-110316	11/3/2016																							
VMP-31	5 ft	VMP-31-5-042512	4/25/2012																							
		VMP-31-5-072012	7/20/2012																							
		VMP-31-5-102612	10/26/2012																							
		VMP-31-5-021113	2/11/2013																							
		VMP-31-5-051513	5/15/2013																							
		VMP-31-5-022614	2/26/2014																							
	10 ft	VMP-31-10-042512	4/25/2012																							
		VMP-31-10-072612	7/26/2012																							
		VMP-31-10-102612	10/26/2012																							
		VMP-31-10-021313	2/13/2013																							
		VMP-31-10-051713	5/17/2013																							
		VMP-31-10-111313	11/13/2013																							
		VMP-31-10-022714	2/27/2014																							
	20 ft	VMP-31-20-101912	10/19/2012																							
		VMP-31-20-021113	2/11/2013																							
		VMP-31-20-111213	11/12/2013																							
	30 ft	VMP-31-30-042512	4/25/2012																							
		VMP-31-30-042512-Dup	4/25/2012																							
		VMP-31-30-072012	7/20/2012																							
		VMP-31-30-101912	10/19/2012																							
		VMP-31-30-021113	2/11/2013																							
		VMP-31-30-050713	5/7/2013																							
		VMP-31-30-080913	8/9/2013																							
		VMP-31-30-111213	11/12/2013																							
		VMP-31-30-022614	2/26/2014																							
VMP-32	5 ft	VMP-32-5-042512	4/25/2012																							
		VMP-32-5-072012	7/20/2012																							
		VMP-32-5-101812	10/18/2012																							
		VMP-32-5-020513	2/5/2013																							
		VMP-32-5-050713	5/7/2013																							
		VMP-32-5-080213	8/2/2013																							
		VMP-32-5-110813	11/8/2013																							
		VMP-32-5-050114	5/1/2014																							
		VMP-32-5-081314	8/13/2014																							
		VMP-32-5-110714	11/7/2014																							
		VMP-32-5-021015	2/10/2015																							
		VMP-32-5-073115	7/31/2015																							
		VMP-32-5-082415	8/24/2015																							
		VMP-32-5-110415	11/4/2015																							
		VMP-32-5-012616	1/26/2016																							
		VMP-32-5-042716	4/27/2016																							
		VMP-32-5-072616	7/26/2016																							
		VMP-32-5-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-32	10 ft	VMP-32-10-041612	4/16/2012																							
		VMP-32-10-072012	7/20/2012																							
		VMP-32-10-101812	10/18/2012																							
		VMP-32-10-020513	2/5/2013																							
		VMP-32-10-050713	5/7/2013																							
		VMP-32-10-080213	8/2/2013																							
		VMP-32-10-082313-R	8/23/2013																							
		VMP-32-10-082313-R-DUP	8/23/2013																							
		VMP-32-10-110813	11/8/2013																							
		VMP-32-10-022814	2/28/2014																							
		VMP-32-10-050114	5/1/2014																							
		VMP-32-10-081314	8/13/2014																							
		VMP-32-10-110714	11/7/2014																							
		VMP-32-10-021015	2/10/2015																							
		VMP-32-10-051115	5/11/2015																							
		VMP-32-10-052915-R	5/29/2015																							
		VMP-32-10-110415	11/4/2015																							
		VMP-32-10-012616	1/26/2016																							
		VMP-32-10-042716	4/27/2016																							
		VMP-32-10-072616	7/26/2016																							
		VMP-32-10-102716	10/27/2016																							
	20 ft	VMP-32-20-041612	4/16/2012																							
		VMP-32-20-072012	7/20/2012																							
		VMP-32-20-101812	10/18/2012																							
		VMP-32-20-020513	2/5/2013																							
		VMP-32-20-050713	5/7/2013																							
		VMP-32-20-050713-Dup	5/7/2013																							
		VMP-32-20-080213	8/2/2013																							
		VMP-32-20-110813	11/8/2013																							
		VMP-32-20-022814	2/28/2014																							
		VMP-32-20-050514	5/5/2014																							
		VMP-32-20-081314	8/13/2014																							
		VMP-32-20-110714	11/7/2014																							
		VMP-32-20-021015	2/10/2015																							
		VMP-32-20-051115	5/11/2015																							
		VMP-32-20-080315	8/3/2015																							
		VMP-32-20-110415	11/4/2015																							
		VMP-32-20-110415-DUP	11/4/2015																							
		VMP-32-20-021616	2/16/2016																							
		VMP-32-20-042716	4/27/2016																							
		VMP-32-20-082616-R	8/29/2016																							
		VMP-32-20-102716	10/27/2016																							
	30 ft	VMP-32-30-041612	4/16/2012																							
		VMP-32-30-072012	7/20/2012																							
		VMP-32-30-101812	10/18/2012																							
		VMP-32-30-020513	2/5/2013																							
		VMP-32-30-050713	5/7/2013																							
		VMP-32-30-080213	8/2/2013																							
		VMP-32-30-110813	11/8/2013																							
		VMP-32-30-022814	2/28/2014																							
		VMP-32-30-022814-Dup	2/28/2014																							
		VMP-32-30-050114	5/1/2014																							
		VMP-32-30-081314	8/13/2014																							
		VMP-32-30-081314-DUP	8/13/2014																							
		VMP-32-30-110714	11/7/2014																							
		VMP-32-30-110714-DUP	11/7/2014																							
		VMP-32-30-021015	2/10/2015																							
		VMP-32-30-050515	5/5/2015																							
		VMP-32-30-073115	7/31/2015																							
		VMP-32-30-073115-DUP	7/31/2015																							
		VMP-32-30-082415	8/24/2015																							
		VMP-32-30-082415-DUP	8/24/2015																							
		VMP-32-30-110415	11/4/2015																							
		VMP-32-30-020216	2/2/2016																							
		VMP-32-30-042716	4/27/2016																							
		VMP-32-30-072616	7/26/2016																							
		VMP-32-30-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072712	7/27/2012																								
		VMP-41-10-100912	10/9/2012																								
		VMP-41-10-012913	1/29/2013																								
		VMP-41-10-043013	4/30/2013																								
		VMP-41-10-080213	8/2/2013																								
		VMP-41-10-102913	10/29/2013																								
		VMP-41-10-021114	2/11/2014																								
		VMP-41-10-042214	4/22/2014																								
		VMP-41-10-073114	7/31/2014																								
		VMP-41-10-102814	10/28/2014																								
		VMP-41-10-020415	2/4/2015																								
		VMP-41-10-020415-DUP	2/4/2015																								
		VMP-41-10-043015	4/30/2015																								
		VMP-41-10-072815	7/28/2015																								
		VMP-41-10-110215	11/2/2015																								
		VMP-41-10-012716	1/27/2016																								
		VMP-41-10-050216	5/2/2016																								
		VMP-41-10-072816	7/28/2016																								
		VMP-41-10-102416	10/24/2016																								
	20 ft	VMP-41-20-072712	7/27/2012																								
		VMP-41-20-072712-Dup	7/27/2012																								
		VMP-41-20-100912	10/9/2012																								
		VMP-41-20-100912-Dup	10/9/2012																								
		VMP-41-20-012913	1/29/2013																								
		VMP-41-20-043013	4/30/2013																								
		VMP-41-20-043013-Dup	4/30/2013																								
		VMP-41-20-080213	8/2/2013																								
		VMP-41-20-102913	10/29/2013																								
		VMP-41-20-021114	2/11/2014																								
		VMP-41-20-042214	4/22/2014																								
		VMP-41-20-073114	7/31/2014																								
		VMP-41-20-102814	10/28/2014																								
		VMP-41-20-020415	2/4/2015																								
		VMP-41-20-043015	4/30/2015																								
		VMP-41-20-072815	7/28/2015																								
		VMP-41-20-110215	11/3/2015																								
		VMP-41-20-012716	1/27/2016																								
		VMP-41-20-050216	5/2/2016																								
		VMP-41-20-072816	7/28/2016																								
		VMP-41-20-102416	10/24/2016																								
	26 ft	VMP-41-30-100912	10/9/2012																								
		VMP-41-30-012913	1/29/2013																								
		VMP-41-30-043013	4/30/2013																								
		VMP-41-30-080213	8/2/2013																								
		VMP-41-30-102913	10/29/2013																								
		VMP-41-30-021114	2/11/2014																								
		VMP-41-30-021114-Dup	2/11/2014																								
		VMP-41-30-042214	4/22/2014																								
		VMP-41-30-073114	7/31/2014																								
		VMP-41-30-102814	10/28/2014																								
		VMP-41-30-020415	2/4/2015																								
		VMP-41-30-043015	4/30/2015																								
		VMP-41-30-043015-DUP	4/30/2015																								
		VMP-41-30-110215	11/2/2015																								
		VMP-41-30-110215-DUP	11/2/2015																								
		VMP-41-30-012716	1/27/2016																								
		VMP-41-30-012716-DUP	1/27/2016																								
		VMP-41-30-050216	5/2/2016																								
		VMP-41-30-072816	7/28/2016																								
		VMP-41-30-072816-DUP	7/28/2016																								
		VMP-41-26-102416	10/24/2016																								
		VMP-41-30-072712	7/27/2012																								
		VMP-41-30-072815	7/28/2015																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-041812	4/18/2012																							
		VMP-42-10-041812-Dup	4/18/2012																							
		VMP-42-10-071912	7/19/2012																							
		VMP-42-10-101212	10/12/2012																							
		VMP-42-10-013113	1/31/2013																							
		VMP-42-10-043013	4/30/2013																							
		VMP-42-20-043013	4/30/2013																							
		VMP-42-10-080213	8/2/2013																							
		VMP-42-10-102913	10/29/2013																							
		VMP-42-10-020714	2/7/2014																							
		VMP-42-10-042214	4/22/2014																							
		VMP-42-10-080614	8/6/2014																							
		VMP-42-10-110414	11/4/2014																							
		VMP-42-10-020315	2/3/2015																							
		VMP-42-10-042915	4/29/2015																							
		VMP-42-10-072115	7/21/2015																							
		VMP-42-10-102715	10/27/2015																							
		VMP-42-10-020116	2/1/2016																							
		VMP-42-10-042616	4/26/2016																							
		VMP-42-10-072616	7/26/2016																							
		VMP-42-10-102716	10/27/2016																							
	20 ft	VMP-42-20-041812	4/18/2012																							
		VMP-42-20-071912	7/19/2012																							
		VMP-42-20-101212	10/12/2012																							
		VMP-42-20-101212-Dup	10/12/2012																							
		VMP-42-20-013113	1/31/2013																							
		VMP-42-20-080213	8/2/2013																							
		VMP-42-20-102913	10/29/2013																							
		VMP-42-20-020714	2/7/2014																							
		VMP-42-20-042214	4/22/2014																							
		VMP-42-20-080614	8/6/2014																							
		VMP-42-20-110414	11/4/2014																							
		VMP-42-20-020315	2/3/2015																							
		VMP-42-20-042915	4/29/2015																							
		VMP-42-20-072115	7/21/2015																							
		VMP-42-20-102715	10/27/2015																							
		VMP-42-20-020116	2/1/2016																							
		VMP-42-20-042616	4/26/2016																							
		VMP-42-20-072616	7/26/2016																							
		VMP-42-20-102676	10/27/2016																							
	30 ft	VMP-42-30-041912	4/19/2012																							
		VMP-42-30-071912	7/19/2012																							
		VMP-42-30-101212	10/12/2012																							
		VMP-42-30-101212-Dup	10/12/2012																							
		VMP-42-30-013113	1/31/2013																							
		VMP-42-30-043013	4/30/2013																							
		VMP-42-30-080213	8/2/2013																							
		VMP-42-30-102913	10/29/2013																							
		VMP-42-30-102913-Dup	10/29/2013																							
		VMP-42-30-020714	2/7/2014																							
		VMP-42-30-020714-Dup	2/7/2014																							
		VMP-42-30-042214	4/22/2014																							
		VMP-42-30-042214-Dup	4/22/2014																							
		VMP-42-30-080614	8/6/2014																							
		VMP-42-30-110414	11/4/2014																							
		VMP-42-30-020315	2/3/2015																							
		VMP-42-30-042915	4/29/2015																							
		VMP-42-30-080315	8/3/2015																							
		VMP-42-30-080315-DUP	8/3/2015																							
		VMP-42-30-102715	10/27/2015																							
		VMP-42-30-020116	2/1/2016																							
		VMP-42-30-042616	4/26/2016																							
		VMP-42-30-072616	7/26/2016																							
		VMP-42-30-102716	10/27/2016																							
		VMP-42-30-102716-Dup	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012																							
		VMP-43-10-071912	7/19/2012																							
		VMP-43-10-101612	10/16/2012																							
		VMP-43-10-051713	5/17/2013																							
		VMP-43-10-080913	8/9/2013																							
		VMP-43-10-111313	11/13/2013																							
		VMP-43-10-022714	2/27/2014																							
		VMP-43-10-050514	5/5/2014																							
		VMP-43-10-080614	8/6/2014																							
		VMP-43-10-021015	2/10/2015																							
		VMP-43-10-050515	5/5/2015																							
		VMP-43-10-072115	7/21/2015																							
		VMP-43-10-102915	10/29/2015																							
		VMP-43-10-020116	2/1/2016																							
		VMP-43-10-042716	4/27/2016																							
		VMP-43-10-072716	7/27/2016																							
		VMP-43-10-102616	10/26/2016																							
	20 ft	VMP-43-20-041612	4/16/2012																							
		VMP-43-20-071912	7/19/2012																							
		VMP-43-20-101812	10/18/2012																							
		VMP-43-20-012413	1/24/2013																							
		VMP-43-20-043013	4/30/2013																							
		VMP-43-20-080913	8/9/2013																							
		VMP-43-20-102913	10/29/2013																							
		VMP-43-20-022714	2/27/2014																							
		VMP-43-20-081314	8/13/2014																							
		VMP-43-20-110614	11/6/2014																							
		VMP-43-20-021215	2/12/2015																							
		VMP-43-20-021215-DUP	2/12/2015																							
		VMP-43-20-050515	5/5/2015																							
		VMP-43-20-072115	7/21/2015																							
		VMP-43-20-102915	10/29/2015																							
		VMP-43-20-102915-DUP	10/29/2015																							
		VMP-43-20-020116	2/1/2016																							
		VMP-43-20-042716	4/27/2016																							
		VMP-43-20-072716	7/27/2016																							
		VMP-43-20-102616	10/26/2016																							
	30 ft	VMP-43-30-042312	4/23/2012																							
		VMP-43-30-071912	7/19/2012																							
		VMP-43-30-101812	10/18/2012																							
		VMP-43-30-012413	1/24/2013																							
		VMP-43-30-043013	4/30/2013																							
		VMP-43-30-080913	8/9/2013																							
		VMP-43-30-102913	10/29/2013																							
		VMP-43-30-022714	2/27/2014																							
		VMP-43-30-022714-Dup	2/27/2014																							
		VMP-43-30-042214	4/22/2014																							
		VMP-43-30-080614	8/6/2014																							
		VMP-43-30-050515	5/5/2015																							
		VMP-43-30-050515-DUP	5/5/2015																							
		VMP-43-30-072115	7/21/2015																							
		VMP-43-30-102915	10/29/2015																							
		VMP-43-30-020116	2/1/2016																							
		VMP-43-30-042716	4/27/2016																							
		VMP-43-30-042716-DUP	4/27/2016																							
		VMP-43-30-072716	7/27/2016																							
		VMP-43-30-102616	10/26/2016																							
		VMP-43-30-102616-Dup	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-041912	4/19/2012																							
		VMP-44-10-072012	7/20/2012																							
		VMP-44-10-081012	8/10/2012																							
		VMP-44-10-101212	10/12/2012																							
		VMP-44-10-012513	1/25/2013																							
		VMP-44-10-042913	4/29/2013																							
		VMP-44-10-080213	8/2/2013																							
		VMP-44-10-082313-R	8/23/2013																							
		VMP-44-10-111113	11/11/2013																							
		VMP-44-10-022814	2/28/2014																							
		VMP-44-10-043014	4/30/2014																							
		VMP-44-10-080614	8/6/2014																							
		VMP-44-10-110414	11/4/2014																							
		VMP-44-10-020415	2/4/2015																							
		VMP-44-10-050115	5/1/2015																							
		VMP-44-10-072415	7/24/2015																							
		VMP-44-10-102815	10/28/2015																							
		VMP-44-10-012516	1/25/2016																							
		VMP-44-10-042816	4/28/2016																							
		VMP-44-10-072716	7/27/2016																							
		VMP-44-10-102716	10/27/2016																							
	20 ft	VMP-44-20-041912	4/19/2012																							
		VMP-44-20-072512	7/25/2012																							
		VMP-44-20-101212	10/12/2012																							
		VMP-44-20-012513	1/25/2013																							
		VMP-44-20-042913	4/29/2013																							
		VMP-44-20-081313	8/13/2013																							
		VMP-44-20-111113	11/11/2013																							
		VMP-44-20-022814	2/28/2014																							
		VMP-44-20-043014	4/30/2014																							
		VMP-44-20-080614	8/6/2014																							
		VMP-44-20-110414	11/4/2014																							
		VMP-44-20-020415	2/4/2015																							
		VMP-44-20-051115	5/11/2015																							
		VMP-44-20-072415	7/24/2015																							
		VMP-44-20-102815	10/28/2015																							
		VMP-44-20-020216-R	2/2/2016																							
		VMP-44-20-042816	4/28/2016																							
		VMP-44-20-072716	7/27/2016																							
		VMP-44-20-102716	10/27/2016																							
	30 ft	VMP-44-30-041912	4/19/2012																							
		VMP-44-30-072512	7/25/2012																							
		VMP-44-30-072512-Dup	7/25/2012																							
		VMP-44-30-101512	10/15/2012																							
		VMP-44-30-101512-Dup	10/15/2012																							
		VMP-44-30-012513	1/25/2013																							
		VMP-44-30-043013	4/30/2013																							
		VMP-44-30-081313	8/13/2013																							
		VMP-44-30-111113	11/11/2013																							
		VMP-44-30-022814	2/28/2014																							
		VMP-44-30-043014	4/30/2014																							
		VMP-44-30-080614	8/6/2014																							
		VMP-44-30-110414	11/4/2014																							
		VMP-44-30-020415	2/4/2015																							
		VMP-44-30-051115	5/11/2015																							
		VMP-44-30-072415	7/24/2015																							
		VMP-44-30-102815	10/28/2015																							
		VMP-44-30-012516	1/25/2016																							
		VMP-44-30-050516	5/5/2016																							
		VMP-44-30-072716	7/27/2016																							
		VMP-44-30-102716	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-45	10 ft	VMP-45-10-041912	4/19/2012																							
		VMP-45-10-071912	7/19/2012																							
		VMP-45-10-101512	10/15/2012																							
		VMP-45-10-013013	1/30/2013																							
		VMP-45-10-042913	4/29/2013																							
		VMP-45-10-080513	8/5/2013																							
		VMP-45-10-102913	10/29/2013																							
		VMP-45-10-020714	2/7/2014																							
		VMP-45-10-042214	4/22/2014																							
		VMP-45-10-080114	8/1/2014																							
		VMP-45-10-102414	10/24/2014																							
		VMP-45-10-020615	2/6/2015																							
		VMP-45-10-051215	5/12/2015																							
		VMP-45-10-072115	7/21/2015																							
		VMP-45-10-102815	10/28/2015																							
		VMP-45-10-030916-R	3/9/2016																							
		VMP-45-10-042816	4/28/2016																							
		VMP-45-10-082616	8/26/2016																							
		VMP-45-10-102816	10/28/2016																							
	20 ft	VMP-45-20-041912	4/19/2012																							
		VMP-45-20-071912	7/19/2012																							
		VMP-45-20-101512	10/15/2012																							
		VMP-45-20-013013	1/30/2013																							
		VMP-45-20-042913	4/29/2013																							
		VMP-45-20-042913-Dup	4/29/2013																							
		VMP-45-20-080513	8/5/2013																							
		VMP-45-20-102913	10/29/2013																							
		VMP-45-20-020714	2/7/2014																							
		VMP-45-20-042214	4/22/2014																							
		VMP-45-20-080114	8/1/2014																							
		VMP-45-20-102414	10/24/2014																							
		VMP-45-20-020615	2/6/2015																							
		VMP-45-20-042915	4/29/2015																							
		VMP-45-20-072115	7/21/2015																							
		VMP-45-20-102815	10/28/2015																							
		VMP-45-20-012516	1/25/2016																							
		VMP-45-20-042816	4/28/2016																							
		VMP-45-20-072716	7/27/2016																							
		VMP-45-20-102816	10/28/2016																							
	30 ft	VMP-45-30-041912	4/19/2012																							
		VMP-45-30-071912	7/19/2012																							
		VMP-45-30-101512	10/15/2012																							
		VMP-45-30-101512-Dup	10/15/2012																							
		VMP-45-30-013013	1/30/2013																							
		VMP-45-30-042913	4/29/2013																							
		VMP-45-30-080513	8/5/2013																							
		VMP-45-30-102913	10/29/2013																							
		VMP-45-30-020714	2/7/2014																							
		VMP-45-30-042214	4/22/2014																							
		VMP-45-30-080114	8/1/2014																							
		VMP-45-30-102414	10/24/2014																							
		VMP-45-30-111214-R	11/12/2014																							
		VMP-45-30-020615	2/6/2015																							
		VMP-45-30-020615-DUP	2/6/2015																							
		VMP-45-30-042915	4/29/2015																							
		VMP-45-30-072115	7/21/2015																							
		VMP-45-30-072115-DUP	7/21/2015																							
		VMP-45-30-102815	10/28/2015																							
		VMP-45-30-012516	1/25/2016																							
		VMP-45-30-042816	4/28/2016																							
		VMP-45-30-042816-DUP	4/28/2016																							
		VMP-45-30-072716	7/27/2016																							
		VMP-45-30-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	19																							
		VMP-47-5-012313-R	1/23/2013							310000																	
		VMP-47-5-060513	6/5/2013																								
		VMP-47-5-072613	7/26/2013																								
		VMP-47-5-110813	11/8/2013																								
		VMP-47-5-021814	2/18/2014																								
		VMP-47-5-042914	4/29/2014																								
		VMP-47-5-081314	8/13/2014																								
		VMP-47-5-093014-R	9/30/2014																								
		VMP-47-5-102814	10/28/2014																								
		VMP-47-5-020215	2/2/2015																								
		VMP-47-5-042815	4/28/2015																								
		VMP-47-5-072115	7/21/2015																								
		VMP-47-5-102715	10/27/2015																								
		VMP-47-5-012916	1/29/2016																								
		VMP-47-5-042516	4/25/2016																								
		VMP-47-5-072516	7/25/2016																								
		VMP-47-5-102616	10/26/2016																								
	10 ft	VMP-47-10-012113	1/21/2013																								
		VMP-47-10-012313-R	1/23/2013																								
		VMP-47-10-060513	6/5/2013																								
		VMP-47-10-072613	7/26/2013																								
		VMP-47-10-110813	11/8/2013																								
		VMP-47-10-021814	2/18/2014																								
		VMP-47-10-042914	4/29/2014																								
		VMP-47-10-073114	7/31/2014																								
		VMP-47-10-102814	10/28/2014																								
		VMP-47-10-020215	2/2/2015																								
		VMP-47-10-042815	4/28/2015																								
		VMP-47-10-072115	7/21/2015																								
		VMP-47-10-102715	10/27/2015																								
		VMP-47-10-012916	1/29/2016																								
		VMP-47-10-042516	4/25/2016																								
		VMP-47-10-080216	8/2/2016																								
		VMP-47-10-102616	10/26/2016																								
	20 ft	VMP-47-20-012113	1/21/2013																								
		VMP-47-20-012313-R	1/23/2013																								
		VMP-47-20-060513	6/5/2013																								
		VMP-47-20-060513-Dup	6/5/2013																								
		VMP-47-20-072613	7/26/2013																								
		VMP-47-20-110813	11/8/2013																								
		VMP-47-20-021914	2/19/2014																								
		VMP-47-20-042914	4/29/2014																								
		VMP-47-20-073114	7/31/2014																								
		VMP-47-20-102814	10/28/2014																								
		VMP-47-20-020215	2/2/2015																								
		VMP-47-20-042815	4/28/2015																								
		VMP-47-20-072115	7/21/2015																								
		VMP-47-20-102715	10/27/2015																								
		VMP-47-20-012916	1/29/2016																								
		VMP-47-20-042516	4/25/2016																								
		VMP-47-20-072516	7/25/2016																								
		VMP-47-20-102616	10/26/2016																								

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-47	30 ft	VMP-47-30-012113	1/21/2013																							
		VMP-47-30-012313-R	1/23/2013																							
		VMP-47-30-060513	6/5/2013																							
		VMP-47-30-072613	7/26/2013																							
		VMP-47-30-110813	11/8/2013																							
		VMP-47-30-021914	2/19/2014																							
		VMP-47-30-042914	4/29/2014																							
		VMP-47-30-042914-Dup	4/29/2014																							
		VMP-47-30-073114	7/31/2014																							
		VMP-47-30-073114-Dup	7/31/2014																							
		VMP-47-30-102814	10/28/2014																							
		VMP-47-30-102814-DUP	10/28/2014																							
		VMP-47-30-020215	2/2/2015																							
		VMP-47-30-020215-DUP	2/2/2015																							
		VMP-47-30-042815	4/28/2015																							
		VMP-47-30-042815-DUP	4/28/2015																							
		VMP-47-30-072115	7/21/2015																							
		VMP-47-30-102715	10/27/2015																							
		VMP-47-30-102715-DUP	10/27/2015																							
		VMP-47-30-012916-DUP	1/29/2016																							
		VMP-47-30-042516	4/25/2016																							
		VMP-47-30-042516-DUP	4/25/2016																							
		VMP-47-30-072516	7/25/2016																							
		VMP-47-30-102616	10/26/2016																							
VMP-48	5 ft	VMP-48-5-020113	2/1/2013																							
		VMP-48-5-050313	5/3/2013																							
		VMP-48-5-080613	8/6/2013																							
		VMP-48-5-110513	11/5/2013																							
		VMP-48-5-022814	2/28/2014																							
		VMP-48-5-042814	4/28/2014																							
		VMP-48-5-080114	8/1/2014																							
		VMP-48-05-102914	10/29/2014																							
		VMP-48-5-020215	2/2/2015																							
		VMP-48-5-042815	4/28/2015																							
		VMP-48-5-072115	7/21/2015																							
		VMP-48-5-102015	10/20/2015																							
		VMP-48-5-012916	1/29/2016																							
		VMP-48-5-042516	4/25/2016																							
		VMP-48-5-072516	7/25/2016																							
		VMP-48-5-102616	10/26/2016																							
	10 ft	VMP-48-10-020113	2/1/2013																							
		VMP-48-10-050813	5/8/2013																							
		VMP-48-10-080613	8/6/2013																							
		VMP-48-10-103113	10/31/2013																							
		VMP-48-10-021814	2/18/2014																							
		VMP-48-10-042814	4/28/2014																							
		VMP-48-10-080114	8/1/2014																							
		VMP-48-10-102914	10/29/2014																							
		VMP-48-10-020215	2/2/2015																							
		VMP-48-10-042815	4/28/2015																							
		VMP-48-10-042815-DUP	4/28/2015																							
		VMP-48-10-072115	7/21/2015																							
		VMP-48-10-102015	10/20/2015																							
		VMP-48-10-012916	1/29/2016																							
		VMP-48-10-042516	4/25/2016																							
		VMP-48-10-072516	7/25/2016																							
		VMP-48-10-102616	10/26/2016																							
	20 ft	VMP-48-20-020113	2/1/2013																							
		VMP-48-20-103113	10/31/2013																							
		VMP-48-20-021814	2/18/2014																							
		VMP-48-20-042814	4/28/2014																							
		VMP-48-20-080114	8/1/2014																							
		VMP-48-20-102914	10/29/2014																							
		VMP-48-20-111814-R	11/18/2014																							
		VMP-48-20-020215	2/2/2015																							
		VMP-48-20-042815	4/28/2015																							
		VMP-48-20-102015	10/20/2015																							
		VMP-48-20-042516	4/25/2016																							
		VMP-48-20-102616	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-48	30 ft	VMP-48-30-020113	2/1/2013																							
		VMP-48-30-020113-DUP	2/1/2013																							
		VMP-48-30-050313	5/3/2013																							
		VMP-48-30-080613	8/6/2013																							
		VMP-48-30-110513	11/5/2013																							
		VMP-48-30-021814	2/18/2014																							
		VMP-48-30-042814	4/28/2014																							
		VMP-48-30-042814-DUP	4/28/2014																							
		VMP-48-30-080114	8/1/2014																							
		VMP-48-30-080114-Dup	8/1/2014																							
		VMP-48-30-102914	10/29/2014																							
		VMP-48-30-111814-R	11/18/2014																							
		VMP-48-30-020215	2/2/2015																							
		VMP-48-30-042815	4/28/2015																							
		VMP-48-30-080315	8/3/2015																							
		VMP-48-30-102015	10/20/2015																							
		VMP-48-30-102015-DUP	10/20/2015																							
		VMP-48-30-012916	1/29/2016																							
		VMP-48-30-042516	4/25/2016																							
		VMP-48-30-042516-DUP	4/25/2016																							
		VMP-48-30-072516	7/25/2016																							
		VMP-48-30-102616	10/26/2016																							
		VMP-48-30-102616-Dup	10/26/2016																							
VMP-49	5 ft	VMP-49-5-020113	2/1/2013																							
		VMP-49-5-050713	5/7/2013																							
		VMP-49-5-080613	8/6/2013																							
		VMP-49-5-111113	11/11/2013																							
		VMP-49-5-021814	2/18/2014																							
		VMP-49-5-042814	4/28/2014																							
		VMP-49-5-080114	8/1/2014																							
		VMP-49-5-102914	10/29/2014																							
		VMP-49-5-102914-DUP	10/29/2014																							
		VMP-49-5-020215	2/3/2015																							
		VMP-49-5-042815	4/28/2015																							
		VMP-49-5-073015	7/30/2015																							
		VMP-49-5-110315	11/3/2015																							
		VMP-49-5-020116	2/1/2016																							
		VMP-49-5-042616	4/26/2016																							
		VMP-49-5-080116	8/1/2016																							
		VMP-49-5-102716	10/27/2016																							
	10 ft	VMP-49-10-020113	2/1/2013																							
		VMP-49-10-050713	5/7/2013																							
		VMP-49-10-050713-Dup	5/7/2013																							
		VMP-49-10-080613	8/6/2013																							
		VMP-49-10-103113	10/31/2013																							
		VMP-49-10-021814	2/18/2014																							
		VMP-49-10-042814	4/28/2014																							
		VMP-49-10-080114	8/1/2014																							
		VMP-49-10-102914	10/29/2014																							
		VMP-49-10-020215	2/3/2015																							
		VMP-49-10-042815	4/28/2015																							
		VMP-49-10-073015	7/30/2015																							
		VMP-49-10-110315	11/3/2015																							
		VMP-49-10-020116	2/1/2016																							
		VMP-49-10-042616	4/26/2016																							
		VMP-49-10-080116	8/1/2016																							
		VMP-49-10-102716	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-49	20 ft	VMP-49-20-020113	2/1/2013																							
		VMP-49-20-050913	5/9/2013																							
		VMP-49-20-080613	8/6/2013																							
		VMP-49-20-080613-Dup	8/6/2013																							
		VMP-49-20-111113	11/11/2013																							
		VMP-49-20-021814	2/18/2014																							
		VMP-49-20-042814	4/28/2014																							
		VMP-49-20-080114	8/1/2014																							
		VMP-49-20-102914	10/29/2014																							
		VMP-49-20-020215	2/3/2015																							
		VMP-49-20-073015	7/30/2015																							
		VMP-49-20-110315	11/3/2015																							
		VMP-49-20-020116	2/1/2016																							
		VMP-49-20-042616	4/26/2016																							
		VMP-49-20-080116	8/1/2016																							
		VMP-49-20-102716	10/27/2016																							
	30 ft	VMP-49-30-020113	2/1/2013																							
		VMP-49-30-050813	5/8/2013																							
		VMP-49-30-080613	8/6/2013																							
		VMP-49-30-111113	11/11/2013																							
		VMP-49-30-021814	2/18/2014																							
		VMP-49-30-021814-Dup	2/18/2014																							
		VMP-49-30-042814	4/28/2014																							
		VMP-49-30-080114	8/1/2014																							
		VMP-49-30-102914	10/29/2014																							
		VMP-49-30-020215	2/3/2015																							
		VMP-49-30-042815	4/28/2015																							
		VMP-49-30-073015	7/30/2015																							
		VMP-49-30-073015-DUP	7/30/2015																							
		VMP-49-30-110315	11/3/2015																							
		VMP-49-30-110315-DUP	11/3/2015																							
		VMP-49-30-020116	2/1/2016																							
		VMP-49-30-020116-DUP	2/1/2016																							
		VMP-49-30-042716	4/27/2016																							
		VMP-49-30-042716-DUP	4/27/2016																							
		VMP-49-30-080116	8/1/2016																							
		VMP-49-30-080116-DUP	8/1/2016																							
		VMP-49-30-102716	10/27/2016																							
VMP-50	5 ft	VMP-50-5-020113	2/1/2013																							
		VMP-50-5-050713	5/7/2013																							
		VMP-50-5-080713	8/7/2013																							
		VMP-50-5-110713	11/7/2013																							
		VMP-50-5-022614	2/26/2014																							
		VMP-50-5-043014	4/30/2014																							
		VMP-50-5-081414	8/14/2014																							
		VMP-50-5-110614	11/6/2014																							
		VMP-50-5-021015	2/10/2015																							
		VMP-50-5-050515	5/5/2015																							
		VMP-50-5-073015	7/30/2015																							
		VMP-50-5-110315	11/3/2015																							
		VMP-50-5-020216	2/2/2016																							
		VMP-50-5-050316	5/3/2016																							
		VMP-50-5-080216	8/2/2016																							
		VMP-50-5-103116	10/31/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-50	10 ft	VMP-50-10-020113	2/1/2013																							
		VMP-50-10-050713	5/7/2013																							
		VMP-50-10-080713	8/7/2013																							
		VMP-50-10-080713-Dup	8/7/2013																							
		VMP-50-10-110713	11/7/2013																							
		VMP-50-10-022614	2/26/2014																							
		VMP-50-10-043014	4/30/2014																							
		VMP-50-10-081414	8/14/2014																							
		VMP-50-10-110614	11/6/2014																							
		VMP-50-10-021015	2/10/2015																							
		VMP-50-10-050515	5/5/2015																							
		VMP-50-10-073015	7/30/2015																							
		VMP-50-10-110315	11/3/2015																							
		VMP-50-10-020216	2/2/2016																							
		VMP-50-10-050316	5/3/2016																							
		VMP-50-10-082616	8/26/2016																							
		VMP-50-10-103116	10/31/2016																							
	20 ft	VMP-50-20-020113	2/1/2013																							
		VMP-50-20-050713	5/7/2013																							
		VMP-50-20-080713	8/7/2013																							
		VMP-50-20-110713	11/7/2013																							
		VMP-50-20-110713-Dup	11/7/2013																							
		VMP-50-20-022614	2/26/2014																							
		VMP-50-20-043014	4/30/2014																							
		VMP-50-20-081414	8/14/2014																							
		VMP-50-20-110614	11/6/2014																							
		VMP-50-20-021015	2/10/2015																							
		VMP-50-20-050515	5/5/2015																							
		VMP-50-20-073015	7/30/2015																							
		VMP-50-20-110315	11/3/2015																							
		VMP-50-20-020216	2/2/2016																							
		VMP-50-20-050316	5/3/2016																							
		VMP-50-20-082616	8/26/2016																							
		VMP-50-20-103116	10/31/2016																							
	30 ft	VMP-50-30-020113	2/1/2013																							
		VMP-50-30-050713	5/7/2013																							
		VMP-50-30-080713	8/7/2013																							
		VMP-50-30-110713	11/7/2013																							
		VMP-50-30-022614	2/26/2014																							
		VMP-50-30-022614-Dup	2/26/2014																							
		VMP-50-30-043014	4/30/2014																							
		VMP-50-30-043014-DUP	4/30/2014																							
		VMP-50-30-081414	8/14/2014																							
		VMP-50-30-081414-Dup	8/14/2014																							
		VMP-50-30-110614	11/6/2014																							
		VMP-50-30-110614-DUP	11/6/2014																							
		VMP-50-30-021015	2/10/2015																							
		VMP-50-30-050515	5/5/2015																							
		VMP-50-30-061515-R	6/15/2015																							
		VMP-50-30-073015	7/30/2015																							
		VMP-50-30-110315	11/3/2015																							
		VMP-50-30-020216	2/2/2016																							
		VMP-50-30-020216-DUP	2/2/2016																							
		VMP-50-30-050316	5/3/2016																							
		VMP-50-30-080216	8/2/2016																							
		VMP-50-30-103116	10/31/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013																							
		VMP-51-5-050213	5/2/2013																							
		VMP-51-5-080713	8/7/2013																							
		VMP-51-5-103013	10/30/2013																							
		VMP-51-5-021814	2/18/2014																							
		VMP-51-5-042814	4/28/2014																							
		VMP-51-5-080114	8/1/2014																							
		VMP-51-05-102914	10/29/2014																							
		VMP-51-5-020315	2/3/2015																							
		VMP-51-5-042915	4/29/2015																							
		VMP-51-5-072115	7/21/2015																							
		VMP-51-5-102815	10/28/2015																							
		VMP-51-5-012516	1/25/2016																							
		VMP-51-5-042816	4/28/2016																							
		VMP-51-5-072716	7/27/2016																							
		VMP-51-5-101916	10/19/2016																							
	10 ft	VMP-51-10-020113	2/1/2013																							
		VMP-51-10-050213	5/2/2013																							
		VMP-51-10-080713	8/7/2013																							
		VMP-51-10-103013	10/30/2013																							
		VMP-51-10-021814	2/18/2014																							
		VMP-51-10-042814	4/28/2014																							
		VMP-51-10-080114	8/1/2014																							
		VMP-51-10-102914	10/29/2014																							
		VMP-51-10-020315	2/3/2015																							
		VMP-51-10-042915	4/29/2015																							
		VMP-51-10-072115	7/21/2015																							
		VMP-51-10-102815	10/28/2015																							
		VMP-51-10-012516	1/25/2016																							
		VMP-51-10-042816	4/28/2016																							
		VMP-51-10-042816-DUP	4/28/2016																							
		VMP-51-10-072716	7/27/2016																							
		VMP-51-10-101916	10/19/2016																							
	20 ft	VMP-51-20-021513-R	2/15/2013																							
		VMP-51-20-050213	5/2/2013																							
		VMP-51-20-080713	8/7/2013																							
		VMP-51-20-103013	10/30/2013																							
		VMP-51-20-021814	2/18/2014																							
		VMP-51-20-042814	4/28/2014																							
		VMP-51-20-080114	8/1/2014																							
		VMP-51-20-102914	10/29/2014																							
		VMP-51-20-020315	2/3/2015																							
		VMP-51-20-042915	4/29/2015																							
		VMP-51-20-072115	7/21/2015																							
		VMP-51-20-102815	10/28/2015																							
		VMP-51-20-012516	1/25/2016																							
		VMP-51-20-042816	4/28/2016																							
		VMP-51-20-052516-R	5/25/2016																							
		VMP-51-20-072716	7/27/2016																							
		VMP-51-20-101916-Dup	10/19/2016																							
		VMP-51-20-101916	10/19/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-51	30 ft	VMP-51-30-020413	2/4/2013																							
		VMP-51-30-020413-DUP	2/4/2013																							
		VMP-51-30-050213	5/2/2013																							
		VMP-51-30-080713	8/7/2013																							
		VMP-51-30-103013	10/30/2013																							
		VMP-51-30-021814	2/18/2014																							
		VMP-51-30-042814	4/28/2014																							
		VMP-51-30-080114	8/1/2014																							
		VMP-51-30-102914	10/29/2014																							
		VMP-51-30-102914-DUP	10/29/2014																							
		VMP-51-30-020315	2/3/2015																							
		VMP-51-30-020315-DUP	2/3/2015																							
		VMP-51-30-042915	4/29/2015																							
		VMP-51-30-042915-DUP	4/29/2015																							
		VMP-51-30-072115	7/21/2015																							
		VMP-51-30-102815	10/28/2015																							
		VMP-51-30-012516	1/25/2016																							
		VMP-51-30-012516-DUP	1/25/2016																							
		VMP-51-30-042816	4/28/2016																							
		VMP-51-30-072716	7/27/2016																							
		VMP-51-30-072716-DUP	7/27/2016																							
		VMP-51-30-101916	10/19/2016																							
VMP-52	5 ft	VMP-52-5-020413	2/4/2013																							
		VMP-52-5-050213	5/2/2013																							
		VMP-52-5-050213-Dup	5/2/2013																							
		VMP-52-5-080713	8/7/2013																							
		VMP-52-5-103013	10/30/2013																							
		VMP-52-5-022114	2/21/2014																							
		VMP-52-5-050514	5/5/2014																							
		VMP-52-5-050514-Dup	5/5/2014																							
		VMP-52-5-080114	8/1/2014																							
		VMP-52-5-103114	10/31/2014																							
		VMP-52-5-020415	2/4/2015																							
		VMP-52-5-042915	4/29/2015																							
		VMP-52-5-072715	7/27/2015																							
		VMP-52-5-102915	10/29/2015																							
		VMP-52-5-012516	1/25/2016																							
		VMP-52-5-042516	4/25/2016																							
		VMP-52-5-072716	7/27/2016																							
		VMP-52-5-102716	10/27/2016																							
	10 ft	VMP-52-10-020413	2/4/2013																							
		VMP-52-10-051613	5/16/2013																							
		VMP-52-10-080713	8/7/2013																							
		VMP-52-10-103013	10/30/2013																							
		VMP-52-10-022114	2/21/2014																							
		VMP-52-10-080114	8/1/2014																							
		VMP-52-10-103114	10/31/2014																							
		VMP-52-10-020415	2/4/2015																							
		VMP-52-10-042915	4/29/2015																							
		VMP-52-10-072715	7/27/2015																							
		VMP-52-10-102915	10/29/2015																							
		VMP-52-10-012516	1/25/2016																							
		VMP-52-10-042516	4/25/2016																							
		VMP-52-10-072716	7/27/2016																							
		VMP-52-10-102716	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-52	20 ft	VMP-52-20-020413	2/4/2013																							
		VMP-52-20-020413-DUP	2/4/2013																							
		VMP-52-20-050213	5/2/2013																							
		VMP-52-20-080713	8/7/2013																							
		VMP-52-20-103013	10/30/2013																							
		VMP-52-20-022114	2/21/2014																							
		VMP-52-20-042914	4/29/2014																							
		VMP-52-20-082014-R	8/20/2014																							
		VMP-52-20-103114	10/31/2014																							
		VMP-52-20-020415	2/4/2015																							
		VMP-52-20-042915	4/29/2015																							
		VMP-52-20-072715	7/27/2015																							
		VMP-52-20-102915	10/29/2015																							
		VMP-52-20-012516	1/25/2016																							
		VMP-52-20-042516	4/25/2016																							
		VMP-52-20-072716	7/27/2016																							
		VMP-52-20-102716	10/27/2016																							
	30 ft	VMP-52-30-020413	2/4/2013																							
		VMP-52-30-050613	5/6/2013																							
		VMP-52-30-080713	8/7/2013																							
		VMP-52-30-103013	10/30/2013																							
		VMP-52-30-022114	2/21/2014																							
		VMP-52-30-022114-Dup	2/21/2014																							
		VMP-52-30-042914	4/29/2014																							
		VMP-52-30-042914-DUP	4/29/2014																							
		VMP-52-30-080114	8/1/2014																							
		VMP-52-30-080114-Dup	8/1/2014																							
		VMP-52-30-103114	10/31/2014																							
		VMP-52-30-020415	2/4/2015																							
		VMP-52-30-020415-DUP	2/4/2015																							
		VMP-52-30-042915	4/29/2015																							
		VMP-52-30-072715	7/27/2015																							
		VMP-52-30-102915	10/29/2015																							
		VMP-52-30-020216-R	2/2/2016																							
		VMP-52-30-042516	4/25/2016																							
		VMP-52-30-072716	7/27/2016																							
		VMP-52-30-102716	10/27/2016																							
VMP-53	5 ft	VMP-53-5-020513	2/5/2013																							
		VMP-53-5-050213	5/2/2013																							
		VMP-53-5-071113-R	7/11/2013																							
		VMP-53-5-080613	8/6/2013																							
		VMP-53-5-103013	10/30/2013																							
		VMP-53-5-022114	2/21/2014																							
		VMP-53-5-042514	4/25/2014																							
		VMP-53-5-073014	7/30/2014																							
		VMP-53-5-102914	10/29/2014																							
		VMP-53-5-020415	2/4/2015																							
		VMP-53-5-050415	5/4/2015																							
		VMP-53-5-072415	7/24/2015																							
		VMP-53-5-102815	10/28/2015																							
		VMP-53-5-012816	1/28/2016																							
		VMP-53-5-042816	4/28/2016																							
		VMP-53-5-072916	7/29/2016																							
		VMP-53-5-102516	10/25/2016																							
		VMP-53-5-120916	12/9/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-53	10 ft	VMP-53-10-020513	2/5/2013																							
		VMP-53-10-020513-DUP	2/5/2013																							
		VMP-53-10-050313	5/3/2013																							
		VMP-53-10-071113-R	7/11/2013																							
		VMP-53-10-080613	8/6/2013																							
		VMP-53-10-080613-Dup	8/6/2013																							
		VMP-53-10-103013	10/30/2013																							
		VMP-53-10-022114	2/21/2014																							
		VMP-53-10-042514	4/25/2014																							
		VMP-53-10-073014	7/30/2014																							
		VMP-53-10-102914	10/29/2014																							
		VMP-53-10-020415	2/4/2015																							
		VMP-53-10-050415	5/4/2015																							
		VMP-53-10-072415	7/24/2015																							
		VMP-53-10-102815	10/28/2015																							
		VMP-53-10-012816	1/28/2016																							
		VMP-53-10-042816	4/28/2016																							
		VMP-53-10-082616	8/26/2016																							
		VMP-53-10-102516	10/25/2016																							
		VMP-53-10-120916	12/9/2016																							
	20 ft	VMP-53-20-020513	2/5/2013																							
		VMP-53-20-050313	5/3/2013																							
		VMP-53-20-071113-R	7/11/2013																							
		VMP-53-20-080613	8/6/2013																							
		VMP-53-20-103013	10/30/2013																							
		VMP-53-20-103013-Dup	10/30/2013																							
		VMP-53-20-022114	2/21/2014																							
		VMP-53-20-042514	4/25/2014																							
		VMP-53-20-073014	7/30/2014																							
		VMP-53-20-102914	10/29/2014																							
		VMP-53-20-020415	2/4/2015																							
		VMP-53-20-050415	5/4/2015																							
		VMP-53-20-072415	7/24/2015																							
		VMP-53-20-102815	10/28/2015																							
		VMP-53-20-021616	2/16/2016																							
		VMP-53-20-042816	4/28/2016																							
		VMP-53-20-072916	7/29/2016																							
		VMP-53-20-102516	10/25/2016																							
		VMP-53-20-120916	12/9/2016																							
	30 ft	VMP-53-30-020513	2/5/2013																							
		VMP-53-30-050313	5/3/2013																							
		VMP-53-30-071113-R	7/11/2013																							
		VMP-53-30-080613	8/6/2013																							
		VMP-53-30-103013	10/30/2013																							
		VMP-53-30-022114	2/21/2014																							
		VMP-53-30-042514	4/25/2014																							
		VMP-53-30-042514-DUP	4/25/2014																							
		VMP-53-30-073014	7/30/2014																							
		VMP-53-30-073014-Dup	7/30/2014																							
		VMP-53-30-102914	10/29/2014																							
		VMP-53-30-020415	2/4/2015																							
		VMP-53-30-050415	5/4/2015																							
		VMP-53-30-072415	7/24/2015																							
		VMP-53-30-102815	10/28/2015																							
		VMP-53-30-012816	1/28/2016																							
		VMP-53-30-042816	4/28/2016																							
		VMP-53-30-052516-R	5/25/2016																							
		VMP-53-30-072916	7/29/2016																							
		VMP-53-30-102516	10/25/2016																							
		VMP-53-30-120916	12/9/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-020613	2/6/2013																							
		VMP-54-5-050213	5/2/2013																							
		VMP-54-5-080613	8/6/2013																							
		VMP-54-5-103013	10/30/2013																							
		VMP-54-5-021014	2/10/2014																							
		VMP-54-5-042514	4/25/2014																							
		VMP-54-5-073014	7/30/2014																							
		VMP-54-5-102914	10/29/2014																							
		VMP-54-5-020515	2/5/2015																							
		VMP-54-5-050415	5/4/2015																							
		VMP-54-5-072415	7/24/2015																							
		VMP-54-5-102715	10/27/2015																							
		VMP-54-5-012816	1/28/2016																							
		VMP-54-5-042916	4/29/2016																							
		VMP-54-5-080116	8/1/2016																							
		VMP-54-5-102816	10/28/2016																							
	10 ft	VMP-54-10-020613	2/6/2013																							
		VMP-54-10-050213	5/2/2013																							
		VMP-54-10-080613	8/6/2013																							
		VMP-54-10-103013	10/30/2013																							
		VMP-54-10-021014	2/10/2014																							
		VMP-54-10-050814-R	5/8/2014																							
		VMP-54-10-073014	7/30/2014																							
		VMP-54-10-102914	10/29/2014																							
		VMP-54-10-020515	2/5/2015																							
		VMP-54-10-050415	5/4/2015																							
		VMP-54-10-072415	7/24/2015																							
		VMP-54-10-102715	10/27/2015																							
		VMP-54-10-012816	1/28/2016																							
		VMP-54-10-042916	4/29/2016																							
		VMP-54-10-080116	8/1/2016																							
		VMP-54-10-102816	10/28/2016																							
	20 ft	VMP-54-20-020613	2/6/2013																							
		VMP-54-20-020613-DUP	2/6/2013																							
		VMP-54-20-050213	5/2/2013																							
		VMP-54-20-080613	8/6/2013																							
		VMP-54-20-103013	10/30/2013																							
		VMP-54-20-021014	2/10/2014																							
		VMP-54-20-042514	4/25/2014																							
		VMP-54-20-073014	7/30/2014																							
		VMP-54-20-102914	10/29/2014																							
		VMP-54-20-020515	2/5/2015																							
		VMP-54-20-050415	5/4/2015																							
		VMP-54-20-072415	7/24/2015																							
		VMP-54-20-102715	10/27/2015																							
		VMP-54-20-102715-DUP	10/27/2015																							
		VMP-54-20-012816	1/28/2016																							
		VMP-54-20-050516	5/5/2016																							
		VMP-54-20-050516-DUP	5/5/2016																							
		VMP-54-20-080116	8/1/2016																							
		VMP-54-20-102816	10/28/2016																							
	30 ft	VMP-54-30-020613	2/6/2013																							
		VMP-54-30-020613-DUP	2/6/2013																							
		VMP-54-30-050213	5/2/2013																							
		VMP-54-30-050213-Dup	5/2/2013																							
		VMP-54-30-103013	10/30/2013																							
		VMP-54-30-021014	2/10/2014																							
		VMP-54-30-042514	4/25/2014																							
		VMP-54-30-073014	7/30/2014																							
		VMP-54-30-110614-R	11/6/2014																							
		VMP-54-30-021215	2/12/2015																							
		VMP-54-30-050415	5/4/2015																							
		VMP-54-30-080315	8/3/2015																							
		VMP-54-30-102715	10/27/2015																							
		VMP-54-30-012816	1/28/2016																							
		VMP-54-30-042916	4/29/2016																							
		VMP-54-30-042916-DUP	4/29/2016																							
		VMP-54-30-080116	8/1/2016																							
		VMP-54-30-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-110414	11/4/2014																							
		VMP-55-5-110414-DUP	11/4/2014																							
		VMP-55-5-020515	2/5/2015																							
		VMP-55-5-050615	5/6/2015																							
		VMP-55-5-110215	11/2/2015																							
		VMP-55-5-020416	2/4/2016																							
		VMP-55-5-082616	8/26/2016																							
	20 ft	VMP-55-20-021513	2/15/2013																							
		VMP-55-20-050113	5/1/2013																							
		VMP-55-20-080713	8/7/2013																							
		VMP-55-20-110813	11/8/2013																							
		VMP-55-20-021814	2/18/2014																							
		VMP-55-20-050514	5/5/2014																							
		VMP-55-20-050514-Dup	5/5/2014																							
		VMP-55-20-081314	8/13/2014																							
		VMP-55-20-110414	11/4/2014																							
		VMP-55-20-020515	2/5/2015																							
		VMP-55-20-050615	5/6/2015																							
		VMP-55-20-072915	7/29/2015																							
		VMP-55-20-072915-DUP	7/29/2015																							
		VMP-55-20-110215	11/2/2015																							
		VMP-55-20-020416	2/4/2016																							
		VMP-55-20-020416-DUP	2/4/2016																							
		VMP-55-20-050416	5/4/2016																							
		VMP-55-20-080316	8/3/2016																							
		VMP-55-20-110116	11/1/2016																							
	30 ft	VMP-55-30-030915	3/9/2015																							
		VMP-55-30-050615	5/6/2015																							
		VMP-55-30-050615-DUP	5/6/2015																							
		VMP-55-30-061515-Dup-R	6/15/2015																							
		VMP-55-30-061515-R	6/15/2015																							
VMP-56	10 ft	VMP-56-10-050114	5/1/2014																							
		VMP-56-10-081214	8/12/2014																							
		VMP-56-10-110514	11/5/2014																							
		VMP-56-10-021015	2/10/2015																							
		VMP-56-10-110315	11/3/2015																							
		VMP-56-10-020416	2/4/2016																							
		VMP-56-10-050516	5/5/2016																							
		VMP-56-10-072716	7/27/2016																							
		VMP-56-10-102416	10/24/2016																							
	25 ft	VMP-56-25-050114	5/1/2014																							
		VMP-56-25-081214	8/12/2014																							
		VMP-56-25-110514	11/5/2014																							
		VMP-56-25-021015	2/10/2015																							
		VMP-56-25-050715	5/7/2015																							
		VMP-56-25-073115	7/31/2015																							
		VMP-56-25-110315	11/3/2015																							
		VMP-56-25-020416	2/4/2016																							
		VMP-56-25-050516	5/5/2016																							
		VMP-56-25-050516-DUP	5/5/2016																							
		VMP-56-25-072716	7/27/2016																							
		VMP-56-25-102416	10/24/2016																							
	38.5 ft	VMP-56-38.5-050114	5/1/2014																							
		VMP-56-38.5-081214	8/12/2014																							
		VMP-56-38.5-081214-Dup	8/12/2014																							
		VMP-56-38.5-110514	11/5/2014																							
		VMP-56-38.5-110514-DUP	11/5/2014																							
		VMP-56-38.5-021015	2/10/2015																							
		VMP-56-38.5-050715	5/7/2015																							
		VMP-56-38.5-061515-R	6/15/2015																							
		VMP-56-38.5-073115	7/31/2015																							
		VMP-56-38.5-073115-DUP	7/31/2015																							
		VMP-56-38.5-110315	11/3/2015																							
		VMP-56-38.5-110315-DUP	11/3/2015																							
		VMP-56-38.5-020416	2/4/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-122313	12/23/2013																					10		
		VMP-62-5-021014	2/10/2014																							
		VMP-62-5-042514	4/25/2014																							
		VMP-62-5-073014	7/30/2014																							
		VMP-62-5-111014-R	11/10/2014																							
		VMP-62-5-020315	2/3/2015																							
		VMP-62-5-042815	4/28/2015																							
		VMP-62-5-072415	7/24/2015																							
		VMP-62-5-102015	10/20/2015																							
		VMP-62-5-012816	1/28/2016																							
		VMP-62-5-042516	4/25/2016																							
		VMP-62-5-072616	7/26/2016																							
		VMP-62-5-102416	10/24/2016																							
	10 ft	VMP-62-10-122313	12/23/2013																							
		VMP-62-10-021014	2/10/2014																							
		VMP-62-10-042514	4/25/2014																							
		VMP-62-10-073014	7/30/2014																							
		VMP-62-10-102814	10/28/2014																							
		VMP-62-10-020315	2/3/2015																							
		VMP-62-10-042815	4/28/2015																							
		VMP-62-10-072415	7/24/2015																							
		VMP-62-10-102015	10/20/2015																							
		VMP-62-10-012816	1/28/2016																							
		VMP-62-10-042516	4/25/2016																							
		VMP-62-10-072616	7/26/2016																							
		VMP-62-10-102416	10/24/2016																							
	20 ft	VMP-62-20-122313	12/23/2013																							
		VMP-62-20-122313-Dup	12/23/2013																							
		VMP-62-20-021014	2/10/2014																							
		VMP-62-20-042514	4/25/2014																							
		VMP-62-20-073014	7/30/2014																							
		VMP-62-20-102814	10/28/2014																							
		VMP-62-20-020315	2/3/2015																							
		VMP-62-20-042815	4/28/2015																							
		VMP-62-20-072415	7/24/2015																							
		VMP-62-20-102015	10/20/2015																							
		VMP-62-20-012816	1/28/2016																							
		VMP-62-20-042516	4/25/2016																							
		VMP-62-20-072616	7/26/2016																							
		VMP-62-20-102416	10/24/2016																							
	30 ft	VMP-62-30-122313	12/23/2013																							
		VMP-62-30-122313-Dup	12/23/2013																							
		VMP-62-30-021014	2/10/2014																							
		VMP-62-30-042514	4/25/2014																							
		VMP-62-30-073014	7/30/2014																							
		VMP-62-30-073014-Dup	7/30/2014																							
		VMP-62-30-102814	10/28/2014																							
		VMP-62-30-020315	2/3/2015																							
		VMP-62-30-042815	4/28/2015																							
		VMP-62-30-072415	7/24/2015																							
		VMP-62-30-102015	10/20/2015																							
		VMP-62-30-012816	1/28/2016																							
		VMP-62-30-012816-DUP	1/28/2016																							
		VMP-62-30-042516	4/25/2016																							
		VMP-62-30-072616	7/26/2016																							
		VMP-62-30-072616-DUP	7/26/2016																							
		VMP-62-30-102416	10/24/2016																							
		VMP-62-30-102416-Dup	10/24/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-121113	12/11/2013	41						42									36								
		VMP-63-5-022814	2/28/2014																								
		VMP-63-5-042514	4/25/2014																								
		VMP-63-5-073014	7/30/2014																								
		VMP-63-5-102814	10/28/2014																								
		VMP-63-5-020315	2/3/2015																								
		VMP-63-5-042815	4/28/2015																								
		VMP-63-5-072415	7/24/2015																								
		VMP-63-5-102615	10/26/2015																								
		VMP-63-5-012816	1/28/2016																								
		VMP-63-5-042616	4/26/2016																								
		VMP-63-5-072516	7/25/2016																								
		VMP-63-5-102416	10/24/2016																								
	10 ft	VMP-63-10-121113	12/11/2013																								
		VMP-63-10-020714	2/7/2014																								
		VMP-63-10-042514	4/25/2014																								
		VMP-63-10-073014	7/30/2014																								
		VMP-63-10-102814	10/28/2014																								
		VMP-63-10-020315	2/3/2015																								
		VMP-63-10-042815	4/28/2015																								
		VMP-63-10-072415	7/24/2015																								
		VMP-63-10-102615	10/26/2015																								
		VMP-63-10-012816	1/28/2016																								
		VMP-63-10-042616	4/26/2016																								
		VMP-63-10-072516	7/25/2016																								
		VMP-63-10-102416	10/24/2016																								
	20 ft	VMP-63-20-121213	12/12/2013	24			21												17								
		VMP-63-20-020714	2/7/2014																								
		VMP-63-20-042514	4/25/2014																								
		VMP-63-20-073014	7/30/2014																								
		VMP-63-20-102814	10/28/2014																								
		VMP-63-20-102814-DUP	10/28/2014																								
		VMP-63-20-020315	2/3/2015																								
		VMP-63-20-020315-DUP	2/3/2015																								
		VMP-63-20-042815	4/28/2015																								
		VMP-63-20-072415	7/24/2015																								
		VMP-63-20-102615	10/26/2015																								
		VMP-63-20-012816	1/28/2016																								
		VMP-63-20-042616	4/26/2016																								
		VMP-63-20-042616-DUP	4/26/2016																								
		VMP-63-20-072516	7/25/2016																								
		VMP-63-20-102416	10/24/2016																								
	30 ft	VMP-63-30-121113	12/11/2013	29																		16					
		VMP-63-30-020714	2/7/2014																								
		VMP-63-30-042514	4/25/2014																								
		VMP-63-30-042514-DUP	4/25/2014																								
		VMP-63-30-073014	7/30/2014																								
		VMP-63-30-102814	10/28/2014																								
		VMP-63-30-020315	2/3/2015																								
		VMP-63-30-042815	4/28/2015																								
		VMP-63-30-072415	7/24/2015																								
		VMP-63-30-102615	10/26/2015																								
		VMP-63-30-102615-DUP	10/26/2015																								
		VMP-63-30-012816	1/28/2016																								
		VMP-63-30-042616	4/26/2016																								
		VMP-63-30-072516	7/25/2016																								
		VMP-63-30-072516-DUP	7/25/2016																								
		VMP-63-30-102416	10/24/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Hexane, 2,2,4-trimethyl-			Hexane, 2,2,5-trimethyl-			Hexane, 3,4-dimethyl-			2-Hexene, 3,4,4-trimethyl-			Naphthalene, decahydro-			Nonane, 2,6-dimethyl-			Octane, 2,3-dimethyl-			Octane, 2,6-dimethyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-122313	12/23/2013										66			73											
		VMP-64-5-022814	2/28/2014																								
		VMP-64-5-042514	4/25/2014																								
		VMP-64-5-073114	7/31/2014																								
		VMP-64-5-102814	10/28/2014																								
		VMP-64-5-020315	2/3/2015																								
		VMP-64-5-042815	4/28/2015																								
		VMP-64-5-072415	7/24/2015																								
		VMP-64-5-102615	10/26/2015																								
		VMP-64-5-012816	1/28/2016																								
		VMP-64-5-042616	4/26/2016																								
		VMP-64-5-080216	8/2/2016																								
		VMP-64-5-080216-DUP	8/2/2016																								
		VMP-64-5-102416	10/24/2016																								
	10 ft	VMP-64-10-122313	12/23/2013																								
		VMP-64-10-021014	2/10/2014																								
		VMP-64-10-042514	4/25/2014																								
		VMP-64-10-073114	7/31/2014																								
		VMP-64-10-102814	10/28/2014																								
		VMP-64-10-020315	2/3/2015																								
		VMP-64-10-042815	4/28/2015																								
		VMP-64-10-072415	7/24/2015																								
		VMP-64-10-102615	10/26/2015																								
		VMP-64-10-012816	1/28/2016																								
		VMP-64-10-042616	4/26/2016																								
		VMP-64-10-072216	7/22/2016																								
		VMP-64-10-102416	10/24/2016																								
	20 ft	VMP-64-20-122313	12/23/2013																								
		VMP-64-20-122313-Dup	12/23/2013																								
		VMP-64-20-021014	2/10/2014																								
		VMP-64-20-042514	4/25/2014																								
		VMP-64-20-073114	7/31/2014																								
		VMP-64-20-102814	10/28/2014																								
		VMP-64-20-020315	2/3/2015																								
		VMP-64-20-042815	4/28/2015																								
		VMP-64-20-072415	7/24/2015																								
		VMP-64-20-102615	10/26/2015																								
		VMP-64-20-012816	1/28/2016																								
		VMP-64-20-042616	4/26/2016																								
		VMP-64-20-042616-DUP	4/26/2016																								
		VMP-64-20-072216	7/22/2016																								
		VMP-64-20-072216-DUP	7/22/2016																								
		VMP-64-20-102416	10/24/2016																								
		VMP-64-20-102416-Dup	10/24/2016																								

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5	11/2/2009																							
		VMP-1-5-082510	8/25/2010																							
		VMP-1-5-111710	11/17/2010																							
		VMP-1-5-020411	2/4/2011																							
		VMP-1-5-041211	4/12/2011																							
		VMP-1-5-080111	8/1/2011																							
		VMP-1-5-110311	11/3/2011																							
		VMP-1-5-013012	1/30/2012																							
		VMP-1-5-041312	4/13/2012																							
		VMP-1-5-071612	7/16/2012																							
		VMP-1-5-101112	10/11/2012																							
		VMP-1-5-012113	1/21/2013										2400									1400			1800		
		VMP-1-5-012313-R	1/23/2013				320000																			
		VMP-1-5-050813	5/8/2013																							
		VMP-1-5-072913	7/29/2013																							
		VMP-1-5-072913-Dup	7/29/2013																							
		VMP-1-5-110413	11/4/2013																							
		VMP-1-5-020714	2/7/2014																							
		VMP-1-5-043014	4/30/2014																							
		VMP-1-5-080714	8/7/2014																							
		VMP-1-5-103114	10/31/2014																							
		VMP-1-5-020915	2/9/2015																							
		VMP-1-5-050515	5/5/2015																							
		VMP-1-5-073015	7/30/2015																							
		VMP-1-5-110315	11/3/2015																							
		VMP-1-5-020316	2/3/2016																							
		VMP-1-5-050316	5/3/2016																							
		VMP-1-5-072516	7/25/2016																							
		VMP-1-5-102816	10/28/2016																							
	8.5 ft	VMP-1-8.5	11/2/2009																							
		VMP-1-8.5-082510	8/25/2010																							
		VMP-1-8.5-111710	11/17/2010																							
		VMP-1-8.5-111710-Dup	11/17/2010																							
		VMP-1-8.5-020411	2/4/2011																							
		VMP-1-8.5-041211	4/12/2011																							
		VMP-1-8.5-080111	8/1/2011																							
		VMP-1-8.5-080111-Dup	8/1/2011																							
		VMP-1-8.5-110311	11/3/2011																							
		VMP-1-8.5-013012	1/30/2012																							
		VMP-1-8.5-041612	4/16/2012																							
		VMP-1-8.5-041612-Dup	4/16/2012																							
		VMP-1-8.5-071612	7/16/2012																							
		VMP-1-8.5-101112	10/11/2012																							
		VMP-1-8.5-012113	1/21/2013				4400																		3000		
		VMP-1-8.5-012313-R	1/23/2013				13000			5900																	
		VMP-1-8.5-050813	5/8/2013																							
		VMP-1-8.5-072913	7/29/2013																							
		VMP-1-8.5-110413	11/4/2013																							
		VMP-1-8.5-020714	2/7/2014																							
		VMP-1-8.5-043014	4/30/2014																							
		VMP-1-8.5-080714	8/7/2014																							
		VMP-1-8.5-103114	10/31/2014																							
		VMP-1-8-020915	2/9/2015																							
		VMP-1-8.5-050515	5/5/2015																							
		VMP-1-8.5-073015	7/30/2015																							
		VMP-1-8.5-110315	11/3/2015																							
		VMP-1-8.5-020316	2/3/2016																							
		VMP-1-8.5-050316	5/3/2016																							
		VMP-1-8.5-072516	7/25/2016																							
		VMP-1-8.5-102816	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-1	23.5 ft	VMP-1-23.5	11/2/2009																							
		VMP - 1 - 23.5 - 083010	8/30/2010																							
		VMP-1-23.5-111810	11/17/2010																							
		VMP-1-23.5-020411	2/4/2011																							
		VMP-1-23.5-041211	4/12/2011																							
		VMP-1-23.5-041211-DUP	4/12/2011																							
		VMP-1-23.5-080111	8/1/2011																							
		VMP-1-23.5-110611	11/6/2011																							
		VMP-1-23.5-013112	1/31/2012																							
		VMP-1-23.5-041612	4/16/2012																							
		VMP-1-23.5-071612	7/16/2012																							
		VMP-1-23.5-102412	10/24/2012																							
		VMP-1-23.5-012113	1/21/2013																							
		VMP-1-23.5-012313-R	1/23/2013				1800000																		870000		
		VMP-1-23.5-050813	5/8/2013																							
		VMP-1-23.5-050813-Dup	5/8/2013																							
		VMP-1-23.5-072913	7/29/2013																							
		VMP-1-23.5-110413	11/4/2013																							
		VMP-1-23.5-020714	2/7/2014																							
		VMP-1-23.5-043014	4/30/2014																							
		VMP-1-23.5-080714	8/7/2014																							
		VMP-1-23.5-103114	10/31/2014																							
		VMP-1-23.5-020915	2/9/2015																							
		VMP-1-23.5-050515	5/5/2015																							
		VMP-1-23.5-073015	7/30/2015																							
		VMP-1-23.5-110315	11/3/2015																							
		VMP-1-23.5-020316	2/3/2016																							
		VMP-1-23.5-050316	5/3/2016																							
		VMP-1-23.5-050316-DUP	5/3/2016																							
		VMP-1-23.5-072516	7/25/2016																							
		VMP-1-23.5-072516-DUP	7/25/2016																							
		VMP1-23.5-102816	10/28/2016																							
	38.5 ft	VMP-1-38.5	11/2/2009																							
		VMP-1-38.5-073112	7/31/2012																							
		VMP-1-38.5-102612	10/26/2012																							
		VMP-1-38.5-012113	1/21/2013				1200		J				1000		J							420		J	600		J
		VMP-1-38.5-012313-R	1/23/2013				970000																				
		VMP-1-38.5-050913	5/9/2013																							
		VMP-1-38.5-020714	2/7/2014																							
		VMP-1-38.5-020714-Dup	2/7/2014																							
		VMP-1-38.5-043014	4/30/2014																							
		VMP-1-38.5-080714	8/7/2014																							
		VMP-1-38.5-103114	10/31/2014																							
		VMP-1-38.5-020915	2/9/2015																							
		VMP-1-38.5-020915-DUP	2/9/2015																							
		VMP-1-38.5-050515	5/5/2015																							
		VMP-1-38.5-061515-R	6/15/2015																							
		VMP-1-38.5-073015	7/30/2015																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-2	5 ft	VMP-2-5	11/2/2009																							
		VMP - 2 - 5 - 083110	8/31/2010																							
		VMP-2-5-111610	11/16/2010																							
		VMP-2-5-020411	2/4/2011																							
		VMP-2-5-041311	4/13/2011																							
		VMP-2-5-080211	8/2/2011																							
		VMP-2-5-110711	11/7/2011																							
		VMP-2-5-012512	1/25/2012																							
		VMP-2-5-042512	4/25/2012																							
		VMP-2-5-071612	7/16/2012																							
		VMP-2-5-102412	10/24/2012																							
		VMP-2-5-013113	1/31/2013																							
		VMP-2-5-050613	5/6/2013																							
		VMP-2-5-022614	2/26/2014																							
		VMP-2-5-050114	5/1/2014																							
		VMP-2-5-111014	11/10/2014																							
		VMP-2-5-021015	2/10/2015																							
		VMP-2-5-050615	5/6/2015																							
		VMP-2-5-110415	11/4/2015																							
		VMP-2-5-020116	2/1/2016																							
		VMP-2-5-042716	4/27/2016																							
		VMP-2-5-072616	7/26/2016																							
		VMP-2-5-102616	10/26/2016																							
	8.5 ft	VMP-2-8.5	11/3/2009																							
		VMP-2-8.5-D	11/3/2009																							
		VMP - 2 - 8.5 - 083110	8/31/2010																							
		VMP-2-8.5-111610	11/16/2010																							
		VMP-2-8.5-020411	2/4/2011																							
		VMP-2-8.5-041311	4/13/2011																							
		VMP-2-8.5-080211	8/2/2011																							
		VMP-2-8.5-110711	11/7/2011																							
		VMP-2-8.5-012612	1/26/2012																							
		VMP-2-8.5-012612-DUP	1/26/2012																							
		VMP-2-8.5-041612	4/16/2012																							
		VMP-2-8.5-041612-Dup	4/16/2012																							
		VMP-2-8.5-071612	7/16/2012																							
		VMP-2-8.5-071612-Dup	7/16/2012																							
		VMP-2-8.5-102312	10/23/2012																							
		VMP-2-8.5-020513	2/5/2013																							
		VMP-2-8.5-050613	5/6/2013																							
		VMP-2-8.5-050613-Dup	5/6/2013																							
		VMP-2-8.5-022614	2/26/2014																							
		VMP-2-8.5-050114	5/1/2014																							
		VMP-2-8.5-081514	8/15/2014																							
		VMP-2-8.5-081514-DUP	8/15/2014																							
		VMP-2-8.5-111014	11/10/2014																							
		VMP-2-8.5-021015	2/10/2015																							
		VMP-2-8.5-050615	5/6/2015																							
		VMP-2-8.5-110415	11/4/2015																							
		VMP-2-8.5-021616	2/16/2016																							
		VMP-2-8.5-042716	4/27/2016																							
		VMP-2-8.5-072616	7/26/2016																							
		VMP-2-8.5-102616	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-2	22 ft	VMP-2-22	11/3/2009																							
		VMP - 2 - 22 - 083110	8/31/2010																							
		VMP-2-22-111610	11/16/2010																							
		VMP-2-22-020411	2/4/2011																							
		VMP-2-22-041311	4/13/2011																							
		VMP-2-22-080211	8/2/2011																							
		VMP-2-22-110711	11/7/2011																							
		VMP-2-22-012612	1/26/2012																							
		VMP-2-22-042712	4/27/2012																							
		VMP-2-22-071612	7/16/2012																							
		VMP-2-22-102312	10/23/2012																							
		VMP-2-22-013113	1/31/2013																							
		VMP-2-22-050613	5/6/2013																							
		VMP-2-22-081213	8/12/2013																							
		VMP-2-22-111513	11/15/2013																							
		VMP-2-22-022614	2/26/2014																							
		VMP-2-22-050114	5/1/2014																							
		VMP-2-22-081414	8/14/2014																							
		VMP-2-22-111014	11/10/2014																							
		VMP-2-22-021015	2/10/2015																							
		VMP-2-22-021015-DUP	2/10/2015																							
		VMP-2-22-050615	5/6/2015																							
		VMP-2-22-073015	7/30/2015																							
		VMP-2-22-110415	11/4/2015																							
		VMP-2-22-020116	2/1/2016																							
		VMP-2-22-020116-DUP	2/1/2016																							
		VMP-2-22-042716	4/27/2016																							
		VMP-2-22-072616	7/26/2016																							
		VMP-2-22-102616	10/26/2016																							
	42 ft	VMP-2-42	11/3/2009																							
		VMP-2-42-013113	1/31/2013																							
		VMP-2-42-050613	5/6/2013																							
		VMP-2-42-022614	2/26/2014																							
		VMP-2-42-050114	5/1/2014																							
		VMP-2-42-081414	8/14/2014																							
		VMP-2-42-021015	2/10/2015																							
		VMP-2-42-050615	5/6/2015																							
		VMP-2-42-061515-R	6/15/2015																							
		VMP-2-42-073015	7/30/2015																							
VMP-3	5 ft	VMP-3-5	11/3/2009																							
		VMP-3-5-090910	9/9/2010																							
		VMP-3-5-112210	11/22/2010																							
		VMP-3-5-020911	2/9/2011																							
		VMP-3-5-041411	4/14/2011																							
		VMP-3-5-080211	8/2/2011																							
		VMP-3-5-110811	11/8/2011																							
		VMP-3-5-110811-DUP	11/8/2011																							
		VMP-3-5-012712	1/27/2012																							
		VMP-3-5-041912	4/19/2012																							
		VMP-3-5-072712	7/27/2012																							
		VMP-3-5-060413	6/4/2013																							
		VMP-3-5-072913	7/29/2013																							
		VMP-3-5-110613	11/6/2013																							
		VMP-3-5-021314	2/13/2014																							
		VMP-3-5-050214	5/2/2014																							
		VMP-3-5-081214	8/12/2014																							
		VMP-3-5-103114	10/31/2014																							
		VMP-3-5-020915	2/9/2015																							
		VMP-3-5-050415	5/4/2015																							
		VMP-3-5-072915	7/29/2015																							
		VMP-3-5-110515	11/5/2015																							
		VMP-3-5-021616	2/16/2016																							
		VMP-3-5-042716	4/27/2016																							
		VMP-3-5-080116	8/1/2016																							
		VMP-3-5-102616	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10	6/21/2010																							
		VMP 3-10-091010	9/10/2010																							
		VMP-3-10-092010	9/20/2010																							
		VMP-3-10-112210	11/22/2010																							
		VMP-3-10-112210-Dup	11/22/2010																							
		VMP-3-10-020811	2/8/2011																							
		VMP-3-10-041311	4/13/2011																							
		VMP-3-10-080311	8/3/2011																							
		VMP-3-10-110811	11/8/2011																							
		VMP-3-10-012712	1/27/2012																							
		VMP-3-10-042012	4/20/2012																							
		VMP-3-10-072312	7/23/2012																							
		VMP-3-10-101812	10/18/2012																							
		VMP-3-10-020613	2/6/2013																							
		VMP-3-10-060413	6/4/2013																							
		VMP-3-10-072913	7/29/2013																							
		VMP-3-10-110613	11/6/2013																							
		VMP-3-10-022814	2/28/2014																							
		VMP-3-10-022814-Dup	2/28/2014																							
		VMP-3-10-050214	5/2/2014																							
		VMP-3-10-081214	8/12/2014																							
		VMP-3-10-103114	10/31/2014																							
		VMP-3-10-020915	2/9/2015																							
		VMP-3-10-050415	5/4/2015																							
		VMP-3-10-072915	7/29/2015																							
		VMP-3-10-110315	11/3/2015																							
		VMP-3-10-021616	2/16/2016																							
		VMP-3-10-042716	4/27/2016																							
		VMP-3-10-080216	8/2/2016																							
		VMP-3-10-102616	10/26/2016																							
	22 ft	VMP-3-22	11/4/2009																							
		VMP-3-22-092010	9/20/2010																							
		VMP-3-22-112210	11/22/2010																							
		VMP-3-22-020811	2/8/2011																							
		VMP-3-22-041511	4/15/2011																							
		VMP-3-22-080611	8/6/2011																							
		VMP-3-22-110811	11/8/2011																							
		VMP-3-22-013012	1/30/2012																							
		VMP-3-22-042012	4/20/2012																							
		VMP-3-22-072312	7/23/2012																							
		VMP-3-22-101812	10/18/2012																							
		VMP-3-22-020613	2/6/2013																							
		VMP-3-22-060413	6/4/2013																							
		VMP-3-22-060413-Dup	6/4/2013																							
		VMP-3-22-072913	7/29/2013																							
		VMP-3-22-110613	11/6/2013																							
		VMP-3-22-110613-Dup	11/6/2013																							
		VMP-3-22-021314	2/13/2014																							
		VMP-3-22-050214	5/2/2014																							
		VMP-3-22-081214	8/12/2014																							
		VMP-3-22-103114	10/31/2014																							
		VMP-3-22-020915	2/9/2015																							
		VMP-3-22-050815	5/8/2015																							
		VMP-3-22-072915	7/29/2015																							
		VMP-3-22-110315	11/3/2015																							
		VMP-3-22-021616	2/16/2016																							
		VMP-3-22-042716	4/27/2016																							
		VMP-3-22-080116	8/1/2016																							
		VMP-3-22-102616	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-3	31.5 ft	VMP-3-31.5	11/4/2009																							
		VMP-3-31.5-090910	9/9/2010																							
		VMP-3-31.5-112210	11/22/2010																							
		VMP-3-31.5-020911	2/9/2011																							
		VMP-3-31.5-041411	4/14/2011																							
		VMP-3-31.5-041411-DUP	4/14/2011																							
		VMP-3-31.5-080211	8/2/2011																							
		VMP-3-31.5-080211-Dup	8/2/2011																							
		VMP-3-31.5-110811	11/8/2011																							
		VMP-3-31.5-012712	1/27/2012																							
		VMP-3-31.5-041912	4/19/2012																							
		VMP-3-31.5-041912-Dup	4/19/2012																							
		VMP-3-31.5-072312	7/23/2012																							
		VMP-3-31.5-101912	10/19/2012																							
		VMP-3-31.5-020713	2/7/2013																							
		VMP-3-31.5-060413	6/4/2013																							
		VMP-3-31.5-072913	7/29/2013																							
		VMP-3-31.5-110613	11/6/2013																							
		VMP-3-31.5-022114	2/21/2014																							
		VMP-3-31.5-050214	5/2/2014																							
		VMP-3-31.5-081214	8/12/2014																							
		VMP-3-31.5-103114	10/31/2014																							
		VMP-3-31.5-020915	2/9/2015																							
		VMP-3-31.5-110315	11/3/2015																							
		VMP-3-31.5-020116	2/1/2016																							
		VMP-3-31.5-042716	4/27/2016																							
		VMP-3-31.5-080116	8/1/2016																							
		VMP-3-31.5-102616	10/26/2016																							
	39 ft	VMP-3-39	11/4/2009																							
		VMP-3-39-101912	10/19/2012																							
		VMP-3-39-021213	2/12/2013																							
		VMP-3-39-060413	6/4/2013																							
		VMP-3-39-072913	7/29/2013																							
		VMP-3-39-110613	11/6/2013																							
		VMP-3-39-022114	2/21/2014																							
		VMP-3-39-050214	5/2/2014																							
		VMP-3-39-050214-Dup	5/2/2014																							
		VMP-3-39-081214	8/12/2014																							
		VMP-3-39-103114	10/31/2014																							
		VMP-3-39-020915	2/9/2015																							
		VMP-3-39-110315	11/3/2015																							
		VMP-3-39-020116	2/1/2016																							
		VMP-3-39-020116-DUP	2/1/2016																							
VMP-4	5 ft	VMP-4-5	11/5/2009																							
		VMP-4-5-082510	8/25/2010																							
		VMP-4-5-112210	11/22/2010																							
		VMP-4-5-021411	2/14/2011																							
		VMP-4-5-041911	4/19/2011																							
		VMP-4-5-080311	8/3/2011																							
		VMP-4-5-110911	11/9/2011																							
		VMP-4-5-013012	1/30/2012																							
		VMP-4-5-042512	4/25/2012																							
		VMP-4-5-072512	7/25/2012																							
		VMP-4-5-101812	10/18/2012																							
		VMP-4-5-020713	2/7/2013																							
		VMP-4-5-050913	5/9/2013																							
		VMP-4-5-080113	8/1/2013																							
		VMP-4-5-120313-R	12/3/2013																							
		VMP-4-5-022714	2/27/2014																							
		VMP-4-5-050214	5/2/2014																							
		VMP-4-5-081514	8/15/2014																							
		VMP-4-5-021015	2/10/2015																							
		VMP-4-5-110215	11/2/2015																							
		VMP-4-5-020316	2/3/2016																							
		VMP-4-5-050516	5/5/2016																							
		VMP-4-5-080216	8/2/2016																							
		VMP-4-5-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-4	12 ft	VMP-4-12	11/5/2009																							
		VMP-4-12-082510	8/25/2010																							
		VMP-4-12-112310	11/23/2010																							
		VMP-4-12-021411	2/14/2011																							
		VMP-4-12-041911	4/19/2011																							
		VMP-4-12-080311	8/3/2011																							
		VMP-4-12-080311-Dup	8/3/2011																							
		VMP-4-12-110911	11/9/2011																							
		VMP-4-12-013012	1/30/2012																							
		VMP-4-12-041812	4/18/2012																							
		VMP-4-12-072312	7/23/2012																							
		VMP-4-12-101812	10/18/2012																							
		VMP-4-12-101812-Dup	10/18/2012																							
		VMP-4-12-020713	2/7/2013																							
		VMP-4-12-020713-DUP	2/7/2013																							
		VMP-4-12-050913	5/9/2013																							
		VMP-4-12-080113	8/1/2013																							
		VMP-4-12-120313-R	12/3/2013																							
		VMP-4-12-022714	2/27/2014																							
		VMP-4-12-050214	5/2/2014																							
		VMP-4-12-081414	8/14/2014																							
		VMP-4-12-021015	2/10/2015																							
		VMP-4-12-051115	5/11/2015																							
		VMP-4-12-080315	8/3/2015																							
		VMP-4-12-110215	11/2/2015																							
		VMP-4-12-020316	2/3/2016																							
		VMP-4-12-050316	5/3/2016																							
		VMP-4-12-080216	8/2/2016																							
		VMP-4-12-102816	10/28/2016																							
	23.5 ft	VMP-4-23.5	11/5/2009																							
		VMP - 4 - 23.5 - 083110	8/31/2010																							
		VMP-4-23.5-112310	11/23/2010																							
		VMP-4-23.5-021411	2/14/2011																							
		VMP-4-23.5-042011	4/20/2011																							
		VMP-4-23.5-042011-DUP	4/20/2011																							
		VMP-4-23.5-080611	8/6/2011																							
		VMP-4-23.5-110911	11/9/2011																							
		VMP-4-23.5-013012	1/30/2012																							
		VMP-4-23.5-013012-DUP	1/30/2012																							
		VMP-4-23.5-041912	4/19/2012																							
		VMP-4-23.5-072312	7/23/2012																							
		VMP-4-23.5-101812	10/18/2012																							
		VMP-4-23.5-020713	2/7/2013																							
		VMP-4-23.5-051513	5/15/2013																							
		VMP-4-23.5-080113	8/1/2013																							
		VMP-4-23.5-080113-Dup	8/1/2013																							
		VMP-4-23.5-110713	11/7/2013																							
		VMP-4-23.5-022714	2/27/2014																							
		VMP-4-23.5-050214	5/2/2014																							
		VMP-4-23.5-081314	8/13/2014																							
		VMP-4-23.5-090414-R	9/4/2014																							
		VMP-4-23.5-110714	11/7/2014																							
		VMP-4-23.5-021015	2/10/2015																							
		VMP-4-23.5-050815	5/8/2015																							
		VMP-4-23.5-061515-R	6/15/2015																							
		VMP-4-23.5-073015	7/30/2015																							
		VMP-4-23.5-110215	11/2/2015																							
		VMP-4-23.5-020316	2/3/2016																							
		VMP-4-23.5-020316-DUP	2/3/2016																							
		VMP-4-23.5-050316	5/3/2016																							
		VMP-4-23.5-080216	8/2/2016																							
		VMP-4-23.5-080216-DUP	8/2/2016																							
		VMP-4-23.5-092316-DUP-R	9/23/2016																							
		VMP-4-23.5-092316-R	9/23/2016																							
		VMP-4-23.5-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-4	39 ft	VMP-4-39	11/5/2009																							
		VMP-4-39-042111	4/21/2011																							
		VMP-4-39-041912	4/19/2012																							
		VMP-4-39-072312	7/23/2012																							
		VMP-4-39-101812	10/18/2012																							
		VMP-4-39-101812-Dup	10/18/2012																							
		VMP-4-39-020713	2/7/2013																							
		VMP-4-39-051513	5/15/2013																							
		VMP-4-39-110713	11/7/2013																							
		VMP-4-39-022714	2/27/2014																							
		VMP-4-39-050214	5/2/2014																							
		VMP-4-39-081314	8/13/2014																							
VMP-5	5 ft	VMP-5-5	11/5/2009																							
		VMP-5-5-090910	9/9/2010																							
		VMP-5-5-112210	11/22/2010																							
		VMP-5-5-021611	2/16/2011																							
		VMP-5-5-042111	4/21/2011																							
		VMP-5-5-080511	8/5/2011																							
		VMP-5-5-111111	11/11/2011																							
		VMP-5-5-013012	1/30/2012																							
		VMP-5-5-041112	4/11/2012																							
		VMP-5-5-071312	7/13/2012																							
		VMP-5-5-101212	10/12/2012																							
		VMP-5-5-012513	1/25/2013																							
		VMP-5-5-042913	4/29/2013																							
		VMP-5-5-082313-R	8/23/2013																							
		VMP-5-5-110513	11/5/2013																							
		VMP-5-5-021814	2/18/2014																							
		VMP-5-5-042814	4/28/2014																							
		VMP-5-5-080814	8/8/2014																							
		VMP-5-5-110514	11/5/2014																							
		VMP-5-5-013015	1/30/2015																							
		VMP-5-5-042915	4/29/2015																							
		VMP-5-5-072915	7/29/2015																							
		VMP-5-5-102915	10/29/2015																							
		VMP-5-5-012516	1/25/2016																							
		VMP-5-5-042816	4/28/2016																							
		VMP-5-5-072816	7/28/2016																							
		VMP-5-5-102516	10/25/2016																							
	12.5 ft	VMP-5-12.5	11/6/2009																							
		VMP-5-12.5-D	11/6/2009																							
		VMP-5-12.5-090910	9/9/2010																							
		VMP-5-12.5-112310	11/23/2010																							
		VMP-5-12.5-021611	2/16/2011																							
		VMP-5-12.5-042111	4/21/2011																							
		VMP-5-12.5-080611	8/6/2011																							
		VMP-5-12.5-111111	11/11/2011																							
		VMP-5-12.5-013012	1/30/2012																							
		VMP-5-12.5-041112	4/11/2012																							
		VMP-5-12.5-071212	7/12/2012																							
		VMP-5-12.5-101112	10/11/2012																							
		VMP-5-12.5-012413	1/24/2013																							
		VMP-5-12.5-042913	4/29/2013																							
		VMP-5-12.5-080113	8/1/2013																							
		VMP-5-12.5-110513	11/5/2013																							
		VMP-5-12.5-021814	2/18/2014																							
		VMP-5-12.5-042814	4/28/2014																							
		VMP-5-12.5-080814	8/8/2014																							
		VMP-5-12.5-110514	11/5/2014																							
		VMP-5-12.5-110514-DUP	11/5/2014																							
		VMP-5-12.5-013015	1/30/2015																							
		VMP-5-12.5-042915	4/29/2015																							
		VMP-5-12.5-072915	7/29/2015																							
		VMP-5-12.5-102915	10/29/2015																							
		VMP-5-12.5-012516	1/25/2016																							
		VMP-5-12.5-042816	4/28/2016																							
		VMP-5-12.5-072816	7/28/2016																							
		VMP-5-12.5-102516	10/26/2016																							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31	11/6/2009																							
		VMP-5-31-090910	9/9/2010																							
		VMP-5-31-112310	11/23/2010																							
		VMP-5-31-021611	2/16/2011																							
		VMP-5-31-042111	4/21/2011																							
		VMP-5-31-080611	8/6/2011																							
		VMP-5-31-111111	11/11/2011																							
		VMP-5-31-013012	1/30/2012																							
		VMP-5-31-041112	4/11/2012																							
		VMP-5-31-071212	7/12/2012																							
		VMP-5-31-101112	10/11/2012																							
		VMP-5-31-012413	1/24/2013																							
		VMP-5-31-042913	4/29/2013																							
		VMP-5-31-080113	8/1/2013																							
		VMP-5-31-110513	11/5/2013																							
		VMP-5-31-110513-Dup	11/5/2013																							
		VMP-5-31-021814	2/18/2014																							
		VMP-5-31-042814	4/28/2014																							
		VMP-5-31-080814	8/8/2014																							
		VMP-5-31-110514	11/5/2014																							
		VMP-5-31-013015	1/30/2015																							
		VMP-5-31-042915	4/29/2015																							
		VMP-5-31-072915	7/29/2015																							
		VMP-5-31-102915	10/29/2015																							
		VMP-5-31-030916-R	3/9/2016																							
		VMP-5-31-042816	4/28/2016																							
		VMP-5-31-072816	7/28/2016																							
		VMP-5-31-102516	10/26/2016																							
	40 ft	VMP-5-40	11/6/2009																							
		VMP-5-40-042111	4/21/2011																							
		VMP-5-40-013012	1/30/2012																							
		VMP-5-40-041212	4/12/2012																							
		VMP-5-40-071212	7/12/2012																							
		VMP-5-40-101112	10/11/2012																							
		VMP-5-40-012513	1/25/2013																							
		VMP-5-40-012513-Dup	1/25/2013																							
		VMP-5-40-042913	4/29/2013																							
		VMP-5-40-080113	8/1/2013																							
		VMP-5-40-110513	11/5/2013																							
		VMP-5-40-021814	2/18/2014																							
		VMP-5-40-021814-Dup	2/18/2014																							
		VMP-5-40-042814	4/28/2014																							
		VMP-5-40-042814-Dup	4/28/2014																							
		VMP-5-40-080814	8/8/2014																							
		VMP-5-40-080814-DUP	8/8/2014																							
		VMP-5-40-110514	11/5/2014																							
		VMP-5-40-013015	1/30/2015																							
		VMP-5-40-042915	4/29/2015																							
		VMP-5-40-072915	7/29/2015																							
		VMP-5-40-102915	10/29/2015																							
		VMP-5-40-012516	1/25/2016																							
		VMP-5-40-012516-DUP	1/25/2016																							
		VMP-5-40-042816	4/28/2016																							
		VMP-5-40-072816	7/28/2016																							
		VMP-5-40-102516	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-6	5 ft	VMP-6-5	11/6/2009																							
		VMP-6-5-090810	9/8/2010																							
		VMP-6-5-111610	11/16/2010																							
		VMP-6-5-020711	2/7/2011																							
		VMP-6-5-040811	4/8/2011																							
		VMP-6-5-080411	8/4/2011																							
		VMP-6-5-110911	11/9/2011																							
		VMP-6-5-013112	1/31/2012																							
		VMP-6-5-041212	4/12/2012																							
		VMP-6-5-071612	7/16/2012																							
		VMP-6-5-101012	10/10/2012																							
		VMP-6-5-021213	2/12/2013																							
		VMP-6-5-022714	2/27/2014																							
		VMP-6-5-042914	4/29/2014																							
		VMP-6-5-080814	8/8/2014																							
		VMP-6-5-110514	11/5/2014																							
		VMP-6-5-020915	2/9/2015																							
		VMP-6-5-042915	4/29/2015																							
		VMP-6-5-072715	7/27/2015																							
		VMP-6-5-102915	10/29/2015																							
		VMP-6-5-020116	2/1/2016																							
		VMP-6-5-042516	4/25/2016																							
		VMP-6-5-072816	7/28/2016																							
		VMP-6-5-102816	10/28/2016																							
	10 ft	VMP-6-10	11/6/2009																							
		VMP-6-10-090810	9/8/2010																							
		VMP-6-10-111710	11/17/2010																							
		VMP-6-10-020711	2/7/2011																							
		VMP-6-10-040811	4/8/2011																							
		VMP-6-10-080411	8/4/2011																							
		VMP-6-10-111011	11/10/2011																							
		VMP-6-10-013112	1/31/2012																							
		VMP-6-10-041212	4/12/2012																							
		VMP-6-10-071612	7/16/2012																							
		VMP-6-10-101112	10/11/2012																							
		VMP-6-10-020513	2/5/2013																							
		VMP-6-10-051513	5/15/2013																							
		VMP-6-10-080813	8/8/2013																							
		VMP-6-10-110513	11/5/2013																							
		VMP-6-10-022714	2/27/2014																							
		VMP-6-10-042914	4/29/2014																							
		VMP-6-10-080814	8/8/2014																							
		VMP-6-10-110514	11/5/2014																							
		VMP-6-10-020915	2/9/2015																							
		VMP-6-10-042915	4/29/2015																							
		VMP-6-10-072715	7/27/2015																							
		VMP-6-10-102915	10/29/2015																							
		VMP-6-10-020116	2/1/2016																							
		VMP-6-10-042516	4/25/2016																							
		VMP-6-10-072816	7/28/2016																							
		VMP-6-10-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-6	31.5 ft	VMP-6-31.5	11/9/2009																							
		VMP-6-31.5-090810	9/8/2010																							
		VMP-6-31.5-111710	11/17/2010																							
		VMP-6-31.5-020711	2/7/2011																							
		VMP-6-31.5-041111	4/11/2011																							
		VMP-6-31.5-080411	8/4/2011																							
		VMP-6-31.5-111011	11/10/2011																							
		VMP-6-31.5-013112	1/31/2012																							
		VMP-6-31.5-041212	4/12/2012																							
		VMP-6-31.5-071612	7/16/2012																							
		VMP-6-31.5-101112	10/11/2012																							
		VMP-6-31.5-020513	2/5/2013																							
		VMP-6-31.5-042913	4/29/2013																							
		VMP-6-31.5-080813	8/8/2013																							
		VMP-6-31.5-110513	11/5/2013																							
		VMP-6-31.5-022714	2/27/2014																							
		VMP-6-31.5-042914	4/29/2014																							
		VMP-6-31.5-080814	8/8/2014																							
		VMP-6-31.5-110514	11/5/2014																							
		VMP-6-31.5-020915	2/9/2015																							
		VMP-6-31.5-042915	4/29/2015																							
		VMP-6-31.5-042915-DUP	4/29/2015																							
		VMP-6-31.5-072715	7/27/2015																							
		VMP-6-31.5-112515	11/25/2015																							
		VMP-6-31.5-020116	2/1/2016																							
		VMP-6-31.5-042516	4/25/2016																							
		VMP-6-31.5-072816	7/28/2016																							
		VMP-6-31.5-102816	10/28/2016																							
	39 ft	VMP-6-39	11/9/2009																							
		VMP-6-39-041111	4/11/2011																							
		VMP-6-39-013112	1/31/2012																							
		VMP-6-39-041212	4/12/2012																							
		VMP-6-39-071612	7/16/2012																							
		VMP-6-39-071612-Dup	7/16/2012																							
		VMP-6-39-101112	10/11/2012																							
		VMP-6-39-020513	2/5/2013																							
		VMP-6-39-050913	5/9/2013																							
		VMP-6-39-050913-Dup	5/9/2013																							
		VMP-6-39-080813-Dup	8/8/2013																							
		VMP-6-39-081513	8/15/2013																							
		VMP-6-39-110513	11/5/2013																							
		VMP-6-39-022714	2/27/2014																							
		VMP-6-39-042914	4/29/2014																							
		VMP-6-39-080814	8/8/2014																							
		VMP-6-39-110514	11/5/2014																							
		VMP-6-39-020915	2/9/2015																							
		VMP-6-39-020915-DUP	2/9/2015																							
		VMP-6-39-042915	4/29/2015																							
		VMP-6-39-072715	7/27/2015																							
		VMP-6-39-072715-DUP	7/27/2015																							
		VMP-6-39-102915	10/29/2015																							
		VMP-6-39-102915-DUP	10/29/2015																							
		VMP-6-39-020116	2/1/2016																							
		VMP-6-39-020116-DUP	2/1/2016																							
		VMP-6-39-042516	4/25/2016																							
		VMP-6-39-072816	7/28/2016																							
		VMP-6-39-102816	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5	11/9/2009																							
		VMP-7-5-082610	8/26/2010																							
		VMP-7-5-111910	11/19/2010																							
		VMP-7-5-020711	2/7/2011																							
		VMP-7-5-040711	4/7/2011																							
		VMP-7-5-080211	8/2/2011																							
		VMP-7-5-111011	11/10/2011																							
		VMP-7-5-111011-DUP	11/10/2011																							
		VMP-7-5-013112	1/31/2012																							
		VMP-7-5-041212	4/12/2012																							
		VMP-7-5-073112	7/31/2012																							
		VMP-7-5-101012	10/10/2012																							
		VMP-7-5-060613	6/6/2013																							
		VMP-7-5-073013	7/30/2013																							
		VMP-7-5-102213	10/22/2013																							
		VMP-7-5-022414	2/24/2014																							
		VMP-7-5-043014	4/30/2014																							
		VMP-7-5-080514	8/5/2014																							
		VMP-7-5-102714	10/27/2014																							
		VMP-7-5-020215	2/2/2015																							
		VMP-7-5-043015	4/30/2015																							
		VMP-7-5-072715	7/27/2015																							
		VMP-7-5-102815	10/28/2015																							
		VMP-7-5-012716	1/27/2016																							
		VMP-7-5-042916	4/29/2016																							
		VMP-7-5-072616	7/26/2016																							
		VMP-7-5-102516	10/25/2016																							
	13.5 ft	VMP-7-13.5	11/9/2009																							
		VMP-7-13.5-082610	8/26/2010																							
		VMP-7-13.5-111910	11/19/2010																							
		VMP-7-13.5-020711	2/7/2011																							
		VMP-7-13.5-040711	4/7/2011																							
		VMP-7-13.5-080311	8/3/2011																							
		VMP-7-13.5-111011	11/10/2011																							
		VMP-7-13.5-013112	1/31/2012																							
		VMP-7-13.5-013112-DUP	1/31/2012																							
		VMP-7-13.5-041212	4/12/2012																							
		VMP-7-13.5-041212-DUP	4/12/2012																							
		VMP-7-13.5-072012	7/20/2012																							
		VMP-7-13.5-101012	10/10/2012																							
		VMP-7-13.5-021313	2/13/2013																							
		VMP-7-13.5-060513	6/5/2013																							
		VMP-7-13.5-073013	7/30/2013																							
		VMP-7-13.5-110113	11/1/2013																							
		VMP-7-13.5-022414	2/24/2014																							
		VMP-7-13.5-043014	4/30/2014																							
		VMP-7-13.5-080514	8/5/2014																							
		VMP-7-13.5-102714	10/27/2014																							
		VMP-7-13.5-020215	2/2/2015																							
		VMP-7-13.5-043015	4/30/2015																							
		VMP-7-13.5-072715	7/27/2015																							
		VMP-7-13.5-102815	10/28/2015																							
		VMP-7-13.5-012716	1/27/2016																							
		VMP-7-13.5-042916	4/29/2016																							
		VMP-7-13.5-072616	7/26/2016																							
		VMP-7-13.5-102516	10/25/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5	11/9/2009																							
		VMP - 7 - 29.5 - 083110	8/31/2010																							
		VMP-7-29.5-111910	11/19/2010																							
		VMP-7-29.5-020711	2/7/2011																							
		VMP-7-29.5-040711	4/7/2011																							
		VMP-7-29.5-080311	8/3/2011																							
		VMP-7-29.5-111111	11/11/2011																							
		VMP-7-29.5-020112	2/1/2012																							
		VMP-7-29.5-041312	4/13/2012																							
		VMP-7-29.5-072012	7/20/2012																							
		VMP-7-29.5-072012-Dup	7/20/2012																							
		VMP-7-29.5-101012	10/10/2012																							
		VMP-7-29.5-060613	6/6/2013																							
		VMP-7-29.5-073013	7/30/2013																							
		VMP-7-29.5-102213	10/22/2013																							
		VMP-7-29.5-022414	2/24/2014																							
		VMP-7-29.5-043014	4/30/2014																							
		VMP-7-29.5-080514	8/5/2014																							
		VMP-7-29.5-102714	10/27/2014																							
		VMP-7-29.5-020215	2/2/2015																							
		VMP-7-29.5-043015	4/30/2015																							
		VMP-7-29.5-072715	7/27/2015																							
		VMP-7-29.5-102815	10/28/2015																							
		VMP-7-29.5-012716	1/27/2016																							
		VMP-7-29.5-042916	4/29/2016																							
		VMP-7-29.5-072616	7/26/2016																							
		VMP-7-29.5-102516	10/25/2016																							
	38 ft	VMP-7-38	11/9/2009																							
		VMP-7-38-020711	2/7/2011																							
		VMP-7-38-040711	4/7/2011																							
		VMP-7-38-020112	2/1/2012																							
		VMP-7-38-042512	4/25/2012																							
		VMP-7-38-042512-Dup	4/25/2012																							
		VMP-7-38-101112	10/11/2012																							
		VMP-7-38-060613	6/6/2013																							
		VMP-7-38-073013	7/30/2013																							
		VMP-7-38-110113	11/1/2013																							
		VMP-7-38-022414	2/24/2014																							
		VMP-7-38-043014	4/30/2014																							
		VMP-7-38-043014-DUP	4/30/2014																							
		VMP-7-38-080514	8/5/2014																							
		VMP-7-38-080514-DUP	8/5/2014																							
		VMP-7-38-102714	10/27/2014																							
		VMP-7-38-020215	2/2/2015																							
		VMP-7-38-043015	4/30/2015																							
		VMP-7-38-072715	7/27/2015																							
		VMP-7-38-102815	10/28/2015																							
		VMP-7-38-102815-DUP	10/28/2015																							
		VMP-7-38-012716	1/27/2016																							
		VMP-7-38-012716-DUP	1/27/2016																							
		VMP-7-38-042916	4/29/2016																							
		VMP-7-38-042916-DUP	4/29/2016																							
		VMP-7-38-072616	7/26/2016																							
		VMP-7-38-072616-DUP	7/26/2016																							
		VMP-7-38-102516	10/25/2016																							
		VMP-7-38-102516-Dup	10/25/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5	11/10/2009																							
		VMP - 8 - 5 - 083010	8/30/2010																							
		VMP-8-5-111810	11/17/2010																							
		VMP-8-5-021011	2/10/2011																							
		VMP-8-5-040711	4/7/2011																							
		VMP-8-5-072711	7/27/2011																							
		VMP-8-5-110311	11/3/2011																							
		VMP-8-5-012312	1/23/2012																							
		VMP-8-5-041012	4/10/2012																							
		VMP-8-5-071312	7/13/2012																							
		VMP-8-5-073112	7/31/2012																							
		VMP-8-5-100412	10/4/2012																							
		VMP-8-5-100412-Dup	10/4/2012																							
		VMP-8-5-012413	1/24/2013																							
		VMP-8-5-042513	4/25/2013																							
		VMP-8-5-073013	7/30/2013																							
		VMP-8-5-102213	10/22/2013																							
		VMP-8-5-021014	2/10/2014																							
		VMP-8-5-042514	4/25/2014																							
		VMP-8-5-073014	7/30/2014																							
		VMP-8-5-103114	10/31/2014																							
		VMP-8-5-020915	2/9/2015																							
		VMP-8-5-042715	4/27/2015																							
		VMP-8-5-072815	7/28/2015																							
		VMP-8-5-102715	10/27/2015																							
		VMP-8-5-012716	1/27/2016																							
		VMP-8-5-042916	4/29/2016																							
		VMP-8-5-072916	7/29/2016																							
		VMP-8-5-102516	10/25/2016																							
	9.5 ft	VMP-8-9.5	11/10/2009																							
		VMP - 8 - 9.5 - 083010	8/30/2010																							
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010																							
		VMP-8-9.5-111810	11/17/2010																							
		VMP-8-9.5-021011	2/10/2011																							
		VMP-8-9.5-040711	4/7/2011																							
		VMP-8-9.5-072711	7/27/2011																							
		VMP-8-9.5-110311	11/3/2011																							
		VMP-8-9.5-012312	1/23/2012																							
		VMP-8-9.5-041012	4/10/2012																							
		VMP-8-9.5-071312	7/13/2012																							
		VMP-8-9.5-071312-Dup	7/13/2012																							
		VMP-8-9.5-100412	10/4/2012																							
		VMP-8-9.5-012413	1/24/2013																							
		VMP-8-9.5-012413-Dup	1/24/2013																							
		VMP-8-9.5-042513	4/25/2013																							
		VMP-8-9.5-073013	7/30/2013																							
		VMP-8-9.5-102213	10/22/2013																							
		VMP-8-9.5-021014	2/10/2014																							
		VMP-8-9.5-021014-Dup	2/10/2014																							
		VMP-8-9.5-042514	4/25/2014																							
		VMP-8-9.5-073014	7/30/2014																							
		VMP-8-9.5-103114	10/31/2014																							
		VMP-8-9.5-020915	2/9/2015																							
		VMP-8-9.5-042715	4/27/2015																							
		VMP-8-9.5-072815	7/28/2015																							
		VMP-8-9.5-102715	10/27/2015																							
		VMP-8-9.5-012716	1/27/2016																							
		VMP-8-9.5-042916	4/29/2016																							
		VMP-8-9.5-072916	7/29/2016																							
		VMP-8-9.5-102516	10/25/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-8	23.5 ft	VMP-8-23.5	11/10/2009																							
		VMP - 8 - 23.5 - 083010	8/30/2010																							
		VMP-8-23.5-111910	11/19/2010																							
		VMP-8-23.5-021011	2/10/2011																							
		VMP-8-23.5-040711	4/7/2011																							
		VMP-8-23.5-040711-DUP	4/7/2011																							
		VMP-8-23.5-081011	8/10/2011																							
		VMP-8-23.5-110611	11/6/2011																							
		VMP-8-23.5-012312	1/23/2012																							
		VMP-8-23.5-041012	4/10/2012																							
		VMP-8-23.5-071312	7/13/2012																							
		VMP-8-23.5-100412	10/4/2012																							
		VMP-8-23.5-012413	1/24/2013																							
		VMP-8-23.5-050113	5/1/2013																							
		VMP-8-23.5-073013	7/30/2013																							
		VMP-8-23.5-073013-Dup	7/30/2013																							
		VMP-8-23.5-102213	10/22/2013																							
		VMP-8-23.5-021014	2/10/2014																							
		VMP-8-23.5-042514	4/25/2014																							
		VMP-8-23.5-073014	7/30/2014																							
		VMP-8-23.5-103114	10/31/2014																							
		VMP-8-23.5-020915	2/9/2015																							
		VMP-8-23.5-050515-R	5/5/2015																							
		VMP-8-23.5-072815	7/28/2015																							
		VMP-8-23.5-102715	10/27/2015																							
		VMP-8-23.5-012716	1/27/2016																							
		VMP-8-23.5-042916	4/29/2016																							
		VMP-8-23.5-072916	7/29/2016																							
		VMP-8-23.5-072916-DUP	7/29/2016																							
		VMP-8-23.5-102516	10/25/2016																							
	35.5 ft	VMP-8-35.5-042514	4/25/2014																							
		VMP-8-35.5-073014	7/30/2014																							
		VMP-8-35.5-103114	10/31/2014																							
		VMP-8-35.5-103114-DUP	10/31/2014																							
		VMP-8-35.5-020915	2/9/2015																							
		VMP-8-35.5-042715	4/27/2015																							
		VMP-8-35.5-072815	7/28/2015																							
		VMP-8-35.5-072815-DUP	7/28/2015																							
		VMP-8-35.5-012816	1/28/2016																							
		VMP-8-35.5-012816-DUP	1/28/2016																							
		VMP-8-35.5-042916	4/29/2016																							
		VMP-8-35.5-080316	8/3/2016																							
		VMP-8-35.5-102516	10/25/2016																							
		VMP-8-35.5-102516-Dup	10/25/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5	11/11/2009																							
		VMP-9-5-082610	8/26/2010																							
		VMP-9-5-111910	11/19/2010																							
		VMP-9-5-020811	2/8/2011																							
		VMP-9-5-040611	4/6/2011																							
		VMP-9-5-080211	8/2/2011																							
		VMP-9-5-110411	11/4/2011																							
		VMP-9-5-012612	1/26/2012																							
		VMP-9-5-041112	4/11/2012																							
		VMP-9-5-071312	7/13/2012																							
		VMP-9-5-101012	10/10/2012																							
		VMP-9-5-012513	1/25/2013																							
		VMP-9-5-021513	2/15/2013																							
		VMP-9-5-050113	5/1/2013																							
		VMP-9-5-073013	7/30/2013																							
		VMP-9-5-102213	10/22/2013																							
		VMP-9-5-122013-R	12/20/2013																							
		VMP-9-5-021114	2/11/2014																							
		VMP-9-5-043014	4/30/2014																							
		VMP-9-5-081114	8/11/2014																							
		VMP-9-5-110614	11/6/2014																							
		VMP-9-5-021115	2/11/2015																							
		VMP-9-5-050415	5/4/2015																							
		VMP-9-5-072815	7/28/2015																							
		VMP-9-5-102815	10/28/2015																							
		VMP-9-5-012816	1/28/2016																							
		VMP-9-5-042816	4/28/2016																							
		VMP-9-5-080116	8/1/2016																							
		VMP-9-5-102516	10/25/2016																							
		VMP-9-5-120916	12/9/2016																							
	11.5 ft	VMP-9-11.5	11/11/2009																							
		VMP-9-11.5-082610	8/26/2010																							
		VMP-9-11.5-111910	11/19/2010																							
		VMP-9-11.5-020911	2/9/2011																							
		VMP-9-11.5-020911-DUP	2/9/2011																							
		VMP-9-11.5-040611	4/6/2011																							
		VMP-9-11.5-080211	8/2/2011																							
		VMP-9-11.5-110411	11/4/2011																							
		VMP-9-11.5-012612	1/26/2012																							
		VMP-9-11.5-041112	4/11/2012																							
		VMP-9-11.5-071312	7/13/2012																							
		VMP-9-11.5-101012	10/10/2012																							
		VMP-9-11.5-012513	1/25/2013																							
		VMP-9-11.5-012513-DUP	1/25/2013																							
		VMP-9-11.5-050113	5/1/2013																							
		VMP-9-11.5-073013	7/30/2013																							
		VMP-9-11.5-102213	10/22/2013																							
		VMP-9-11.5-122013-R	12/20/2013																							
		VMP-9-11.5-021114	2/11/2014																							
		VMP-9-11.5-043014	4/30/2014																							
		VMP-9-11.5-081114	8/11/2014																							
		VMP-9-11.5-110614	11/6/2014																							
		VMP-9-11.5-021115	2/11/2015																							
		VMP-9-11.5-050415	5/4/2015																							
		VMP-9-11.5-072815	7/28/2015																							
		VMP-9-11.5-102815	10/28/2015																							
		VMP-9-11.5-012816	1/28/2016																							
		VMP-9-11.5-042816	4/28/2016																							
		VMP-9-11.5-080116	8/1/2016																							
		VMP-9-11.5-080116-DUP	8/1/2016																							
		VMP-9-11.5-102516	10/25/2016																							
		VMP-9-11.5-120916	12/9/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-9	25.5 ft	VMP-9-25.5	11/10/2009																							
		VMP-9-25.5-D	11/10/2009																							
		VMP-9-25.5-082610	8/26/2010																							
		VMP-9-25.5-082610-DUP	8/26/2010																							
		VMP-9-25.5-111910	11/19/2010																							
		VMP-9-25.5-020911	2/9/2011																							
		VMP-9-25.5-040811	4/8/2011																							
		VMP-9-25.5-080211	8/2/2011																							
		VMP-9-25.5-110711	11/7/2011																							
		VMP-9-25.5-110711-DUP	11/7/2011																							
		VMP-9-25.5-012612	1/26/2012																							
		VMP-9-25.5-041112	4/11/2012																							
		VMP-9-25.5-071312	7/13/2012																							
		VMP-9-25.5-071312-Dup	7/13/2012																							
		VMP-9-25.5-101012	10/10/2012																							
		VMP-9-25.5-013013	1/30/2013																							
		VMP-9-25.5-050113	5/1/2013																							
		VMP-9-25.5-050113-Dup	5/1/2013																							
		VMP-9-25.5-073013	7/30/2013																							
		VMP-9-25.5-102213	10/22/2013																							
		VMP-9-25.5-102213-Dup	10/22/2013																							
		VMP-9-25.5-021114	2/11/2014																							
		VMP-9-25.5-043014	4/30/2014																							
		VMP-9-25.5-081114	8/11/2014																							
		VMP-9-25.5-021115	2/11/2015																							
		VMP-9-25.5-050415	5/4/2015																							
		VMP-9-25.5-052915-R	5/29/2015																							
		VMP-9-25.5-072815	7/28/2015																							
		VMP-9-25.5-102815	10/28/2015																							
		VMP-9-25.5-012816	1/28/2016																							
		VMP-9-25.5-042816	4/28/2016																							
		VMP-9-25.5-080116	8/1/2016																							
		VMP-9-25.5-102516	10/25/2016																							
		VMP-9-25.5-120916	12/9/2016																							
	38.5 ft	VMP-9-38.5	11/10/2009																							
		VMP-9-38.5-020911	2/9/2011																							
		VMP-9-38.5-040811	4/8/2011																							
		VMP-9-38.5-012612	1/26/2012																							
		VMP-9-38.5-041112	4/11/2012																							
		VMP-9-38.5-071312	7/13/2012																							
		VMP-9-38.5-101012	10/10/2012																							
		VMP-9-38.5-013013	1/30/2013																							
		VMP-9-38.5-050113	5/1/2013																							
		VMP-9-38.5-073113	7/31/2013																							
		VMP-9-38.5-102213	10/22/2013																							
		VMP-9-38.5-021114	2/11/2014																							
		VMP-9-38.5-081114	8/11/2014																							
		VMP-9-38.5-050415	5/4/2015																							
		VMP-9-38.5-050415-DUP	5/4/2015																							
		VMP-9-38.5-052915-R	5/29/2015																							
		VMP-9-38.5-072815	7/28/2015																							
		VMP-9-38.5-102815	10/28/2015																							
		VMP-9-38.5-012816	1/28/2016																							
		VMP-9-38.5-042816	4/28/2016																							
		VMP-9-38.5-072916	7/29/2016																							
		VMP-9-38.5-102516	10/25/2016																							
		VMP-9-38.5-120916	12/9/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5	11/11/2009																							
		VMP-10-5-090710	9/7/2010																							
		VMP-10-5-111810	11/17/2010																							
		VMP-10-5-021011	2/10/2011																							
		VMP-10-5-040511	4/5/2011																							
		VMP-10-5-07/2911	7/29/2011																							
		VMP-10-5-110411	11/4/2011																							
		VMP-10-5-012512	1/26/2012																							
		VMP-10-5-041212	4/12/2012																							
		VMP-10-5-071312	7/13/2012																							
		VMP-10-5-101612	10/16/2012																							
		VMP-10-5-012913	1/29/2013																							
		VMP-10-5-012913-DUP	1/29/2013																							
		VMP-10-5-043013	4/30/2013																							
		VMP-10-5-073013	7/30/2013																							
		VMP-10-5-111313	11/13/2013																							
		VMP-10-5-021214	2/12/2014																							
		VMP-10-5-022614-R	2/26/2014																							
		VMP-10-5-042914	4/29/2014																							
		VMP-10-5-073114	7/31/2014																							
		VMP-10-5-103014	10/30/2014																							
		VMP-10-5-020515	2/5/2015																							
		VMP-10-5-043015	4/30/2015																							
		VMP-10-5-072815	7/28/2015																							
		VMP-10-5-103015	10/30/2015																							
		VMP-10-5-012916	1/29/2016																							
		VMP-10-5-050216	5/2/2016																							
		VMP-10-5-082616	8/26/2016																							
		VMP-10-5-110216	11/2/2016																							
	10 ft	VMP-10-10	11/11/2009																							
		VMP-10-10-090710	9/7/2010																							
		VMP-10-10-111810	11/17/2010																							
		VMP-10-10-021111	2/11/2011																							
		VMP-10-10-040611	4/6/2011																							
		VMP-10-10-072911	7/29/2011																							
		VMP-10-10-110411	11/4/2011																							
		VMP-10-10-110411-DUP	11/4/2011																							
		VMP-10-10-012512	1/26/2012																							
		VMP-10-10-012512-DUP	1/26/2012																							
		VMP-10-10-041112	4/11/2012																							
		VMP-10-10-071312	7/13/2012																							
		VMP-10-10-101612	10/16/2012																							
		VMP-10-10-012913	1/29/2013																							
		VMP-10-10-043013	4/30/2013																							
		VMP-10-10-073013	7/30/2013																							
		VMP-10-10-111313	11/13/2013																							
		VMP-10-10-021214	2/12/2014																							
		VMP-10-10-042914	4/29/2014																							
		VMP-10-10-073114	7/31/2014																							
		VMP-10-10-103014	10/30/2014																							
		VMP-10-10-020515	2/5/2015																							
		VMP-10-10-043015	4/30/2015																							
		VMP-10-10-072815	7/28/2015																							
		VMP-10-10-103015	10/30/2015																							
		VMP-10-10-021616	2/16/2016																							
		VMP-10-10-050216	5/2/2016																							
		VMP-10-10-072816	7/28/2016																							
		VMP-10-10-110216	11/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-10	20 ft	VMP-10-20	11/11/2009																							
		VMP-10-20-D	11/11/2009																							
		VMP-10-20-090710	9/7/2010																							
		VMP-10-20-090710-DUP	9/7/2010																							
		VMP-10-20-111810	11/17/2010																							
		VMP-10-20-111810-Dup	11/17/2010																							
		VMP-10-20-021111	2/11/2011																							
		VMP-10-20-040611	4/6/2011																							
		VMP-10-20-072911	7/29/2011																							
		VMP-10-20-110411	11/4/2011																							
		VMP-10-20-012612	1/26/2012																							
		VMP-10-20-041212	4/12/2012																							
		VMP-10-20-071612	7/16/2012																							
		VMP-10-20-101612	10/16/2012																							
		VMP-10-20-012913	1/29/2013																							
		VMP-10-20-043013	4/30/2013																							
		VMP-10-20-073013	7/30/2013																							
		VMP-10-20-102313	10/23/2013																							
		VMP-10-20-021214	2/12/2014																							
		VMP-10-20-042914	4/29/2014																							
		VMP-10-20-073114	7/31/2014																							
		VMP-10-20-103014	10/30/2014																							
		VMP-10-20-020515	2/5/2015																							
		VMP-10-20-043015	4/30/2015																							
		VMP-10-20-072815	7/28/2015																							
		VMP-10-20-072815-DUP	7/28/2015																							
		VMP-10-20-103015	10/30/2015																							
		VMP-10-20-012916	1/29/2016																							
		VMP-10-20-050216	5/2/2016																							
		VMP-10-20-072816	7/28/2016																							
		VMP-10-20-110216	11/2/2016																							
	30 ft	VMP-10-30	11/13/2009																							
		VMP-10-30-041212	4/12/2012																							
		VMP-10-30-071612	7/16/2012																							
		VMP-10-30-101612	10/16/2012																							
		VMP-10-30-012913	1/29/2013																							
		VMP-10-30-043013	4/30/2013																							
		VMP-10-30-073013	7/30/2013																							
		VMP-10-30-102813	10/28/2013																							
		VMP-10-30-021214	2/12/2014																							
		VMP-10-30-042914	4/29/2014																							
		VMP-10-30-073114	7/31/2014																							
		VMP-10-30-073114-Dup	7/31/2014																							
		VMP-10-30-103014	10/30/2014																							
		VMP-10-30-103014-DUP	10/30/2014																							
		VMP-10-30-020515	2/5/2015																							
		VMP-10-30-020515-DUP	2/5/2015																							
		VMP-10-30-043015	4/30/2015																							
		VMP-10-30-072815	7/28/2015																							
		VMP-10-30-103015	10/30/2015																							
		VMP-10-30-012916-DUP	1/29/2016																							
		VMP-10-30-050216	5/2/2016																							
		VMP-10-30-050216-DUP	5/2/2016																							
		VMP-10-30-072816	7/28/2016																							
		VMP-10-30-110216	11/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-11	5 ft	VMP-11-5	11/17/2009																							
		VMP-11-5-090710	9/7/2010																							
		VMP-11-5-112210	11/22/2010																							
		VMP-11-5-021511	2/15/2011																							
		VMP-11-5-040611	4/6/2011																							
		VMP-11-5-080711	8/7/2011																							
		VMP-11-5-111111	11/11/2011																							
		VMP-11-5-012612	1/26/2012																							
		VMP-11-5-041912	4/19/2012																							
		VMP-11-5-071912	7/16/2012																							
		VMP-11-5-101612	10/16/2012																							
		VMP-11-5-012913	1/29/2013																							
		VMP-11-5-043013	4/30/2013																							
		VMP-11-5-073113	7/31/2013																							
		VMP-11-5-102813	10/28/2013																							
		VMP-11-5-022114	2/21/2014																							
		VMP-11-5-043014	4/30/2014																							
		VMP-11-5-073114	7/31/2014																							
		VMP-11-5-103014	10/30/2014																							
		VMP-11-5-020515	2/5/2015																							
		VMP-11-5-043015	4/30/2015																							
		VMP-11-5-072815	7/28/2015																							
		VMP-11-5-103015	10/30/2015																							
		VMP-11-5-012916	1/29/2016																							
		VMP-11-5-050216	5/2/2016																							
		VMP-11-5-080116	8/1/2016																							
		VMP-11-5-110116	11/1/2016																							
	8 ft	VMP-11-8	11/17/2009																							
		VMP-11-8-090810	9/8/2010																							
		VMP-11-8-112210	11/22/2010																							
		VMP-11-8-021111	2/11/2011																							
		VMP-11-8-021111-DUP	2/11/2011																							
		VMP-11-8-040611	4/6/2011																							
		VMP-11-8-040611-DUP	4/6/2011																							
		VMP-11-8-080711	8/7/2011																							
		VMP-11-8-111411	11/14/2011																							
		VMP-11-8-012612	1/26/2012																							
		VMP-11-8-041912	4/19/2012																							
		VMP-11-8-072012	7/20/2012																							
		VMP-11-8-101612	10/16/2012																							
		VMP-11-8-101612-Dup	10/16/2012																							
		VMP-11-8-012913	1/29/2013																							
		VMP-11-8-050113	5/1/2013																							
		VMP-11-8-080113	8/1/2013																							
		VMP-11-8-102813	10/28/2013																							
		VMP-11-8-022114	2/21/2014																							
		VMP-11-8-043014	4/30/2014																							
		VMP-11-8-073114	7/31/2014																							
		VMP-11-8-111014-R	11/10/2014																							
		VMP-11-8-020515	2/5/2015																							
		VMP-11-8-043015	4/30/2015																							
		VMP-11-8-072815	7/28/2015																							
		VMP-11-8-103015	10/30/2015																							
		VMP-11-8-012916	1/29/2016																							
		VMP-11-8-050616	5/6/2016																							
		VMP-11-8-080116	8/1/2016																							
		VMP-11-8-110116	11/1/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-11	29 ft	VMP-11-29	11/18/2009																							
		VMP-11-29-090810	9/8/2010																							
		VMP-11-29-112210	11/22/2010																							
		VMP-11-29-112210-Dup	11/22/2010																							
		VMP-11-29-021411	2/14/2011																							
		VMP-11-29-040611	4/6/2011																							
		VMP-11-29-082511	8/25/2011																							
		VMP-11-29-082511-Dup	8/25/2011																							
		VMP-11-29-111411	11/14/2011																							
		VMP-11-29-012612	1/26/2012																							
		VMP-11-29-042712	4/27/2012																							
		VMP-11-29-072012	7/23/2012																							
		VMP-11-29-101612	10/16/2012																							
		VMP-11-29-012913	1/29/2013																							
		VMP-11-29-043013	4/30/2013																							
		VMP-11-29-073113	7/31/2013																							
		VMP-11-29-102813	10/28/2013																							
		VMP-11-29-022114	2/21/2014																							
		VMP-11-29-043014	4/30/2014																							
		VMP-11-29-073114	7/31/2014																							
		VMP-11-29-103014	10/30/2014																							
		VMP-11-29-103014-DUP	10/30/2014																							
		VMP-11-29-020515	2/5/2015																							
		VMP-11-29-020515-DUP	2/5/2015																							
		VMP-11-29-043015	4/30/2015																							
		VMP-11-29-072815	7/28/2015																							
		VMP-11-29-110515	11/5/2015																							
		VMP-11-29-012916	1/29/2016																							
		VMP-11-29-050216	5/2/2016																							
		VMP-11-29-080216	8/2/2016																							
		VMP-11-29-110116	11/1/2016																							
	38 ft	VMP-11-38	11/18/2009																							
		VMP-11-38-042312	4/23/2012																							
		VMP-11-38-042312-Dup	4/23/2012																							
		VMP-11-38-072312	7/23/2012																							
		VMP-11-38-101612	10/16/2012																							
		VMP-11-38-013013	1/30/2013																							
		VMP-11-38-043013	4/30/2013																							
		VMP-11-38-073113	7/31/2013																							
		VMP-11-38-073113-Dup	7/31/2013																							
		VMP-11-38-102813	10/28/2013																							
		VMP-11-38-022114	2/21/2014																							
		VMP-11-38-043014	4/30/2014																							
		VMP-11-38-073114	7/31/2014																							
		VMP-11-38-103014	10/30/2014																							
		VMP-11-38-020515	2/5/2015																							
		VMP-11-38-043015	4/30/2015																							
		VMP-11-38-072815	7/28/2015																							
		VMP-11-38-103015	10/30/2015																							
		VMP-11-38-103015-DUP	10/30/2015																							
		VMP-11-38-012916	1/29/2016																							
		VMP-11-38-050216	5/2/2016																							
		VMP-11-38-050216-DUP	5/2/2016																							
		VMP-11-38-080216	8/2/2016																							
		VMP-11-38-110216	11/2/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-12	5 ft	VMP-12-5	11/13/2009																							
		VMP-12-5-090310	9/3/2010																							
		VMP-12-5-120310	12/3/2010																							
		VMP-12-5-021511	2/15/2011																							
		VMP-12-5-041911	4/19/2011																							
		VMP-12-5-080411	8/4/2011																							
		VMP-12-5-111611	11/16/2011																							
		VMP-12-5-012412	1/24/2012																							
		VMP-12-5-041912	4/19/2012																							
		VMP-12-5-072612	7/26/2012																							
		VMP-12-5-072612-Dup	7/26/2012																							
		VMP-12-5-102412	10/24/2012																							
		VMP-12-5-021813	2/18/2013																							
		VMP-12-5-051013	5/10/2013																							
		VMP-12-5-081213	8/12/2013																							
		VMP-12-5-111413	11/14/2013																							
		VMP-12-5-031914-R	3/19/2014																							
		VMP-12-5-050214	5/2/2014																							
		VMP-12-5-081514	8/15/2014																							
		VMP-12-5-110714	11/10/2014																							
		VMP-12-5-021115	2/11/2015																							
		VMP-12-5-050715	5/7/2015																							
		VMP-12-5-073115	7/31/2015																							
		VMP-12-5-110415	11/4/2015																							
		VMP-12-5-020316	2/3/2016																							
		VMP-12-5-050416	5/4/2016																							
		VMP-12-5-080316	8/3/2016																							
		VMP-12-5-103116	10/31/2016																							
	11.5 ft	VMP-12-11.5	11/13/2009																							
		VMP-12-11.5-090310	9/3/2010																							
		VMP-12-11.5-120310	12/3/2010																							
		VMP-12-11.5-021511	2/15/2011																							
		VMP-12-11.5-021511-DUP	2/15/2011																							
		VMP-12-11.5-041911	4/19/2011																							
		VMP-12-11.5-080411	8/4/2011																							
		VMP-12-11.5-111611	11/16/2011																							
		VMP-12-11.5-012412	1/24/2012																							
		VMP-12-11.5-041912	4/19/2012																							
		VMP-12-11.5-082012	8/20/2012																							
		VMP-12-11.5-102612	10/26/2012																							
		VMP-12-11.5-021813	2/18/2013																							
		VMP-12-11.5-051013	5/10/2013																							
		VMP-12-11.5-081213	8/12/2013																							
		VMP-12-11.5-111413	11/14/2013																							
		VMP-12-11.5-022814	2/28/2014																							
		VMP-12-11.5-050214	5/2/2014																							
		VMP-12-11.5-081514	8/15/2014																							
		VMP-12-11.5-110714	11/7/2014																							
		VMP-12-11.5-021115	2/11/2015																							
		VMP-12-11.5-050715	5/7/2015																							
		VMP-12-11.5-073115	7/31/2015																							
		VMP-12-11.5-110415	11/4/2015																							
		VMP-12-11.5-020316	2/3/2016																							
		VMP-12-11.5-050416	5/4/2016																							
		VMP-12-11.5-080316	8/3/2016																							
		VMP-12-11.5-110316	11/3/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-12	25 ft	VMP-12-25	11/13/2009																							
		VMP-12-25-090310	9/3/2010																							
		VMP-12-25-120310	12/3/2010																							
		VMP-12-25-021511	2/15/2011																							
		VMP-12-25-041911	4/19/2011																							
		VMP-12-25-080411	8/4/2011																							
		VMP-12-25-111611	11/16/2011																							
		VMP-12-25-012412	1/24/2012																							
		VMP-12-25-012412-DUP	1/24/2012																							
		VMP-12-25-041912	4/19/2012																							
		VMP-12-25-072712	7/27/2012																							
		VMP-12-25-072712-Dup	7/27/2012																							
		VMP-12-25-102512	10/25/2012																							
		VMP-12-25-021513	2/15/2013																							
		VMP-12-25-051013	5/10/2013																							
		VMP-12-25-081213	8/12/2013																							
		VMP-12-25-111413	11/14/2013																							
		VMP-12-25-022814	2/28/2014																							
		VMP-12-25-050214	5/2/2014																							
		VMP-12-25-081514	8/15/2014																							
		VMP-12-25-110714	11/7/2014																							
		VMP-12-25-021115	2/11/2015																							
		VMP-12-25-050715	5/7/2015																							
		VMP-12-25-073115	7/31/2015																							
		VMP-12-25-110415	11/4/2015																							
		VMP-12-25-021616	2/16/2016																							
		VMP-12-25-021616-DUP	2/16/2016																							
		VMP-12-25-050416	5/4/2016																							
		VMP-12-25-080316	8/3/2016																							
		VMP-12-25-103116	10/31/2016																							
		VMP-12-25-103116-Dup	10/31/2016																							
	39 ft	VMP-12-39	11/13/2009																							
		VMP-12-39-041911	4/19/2011																							
		VMP-12-39-012412	1/24/2012																							
		VMP-12-39-041912	4/19/2012																							
		VMP-12-39-072612	7/26/2012																							
		VMP-12-39-102412	10/24/2012																							
		VMP-12-39-021513	2/15/2013																							
		VMP-12-39-051013	5/10/2013																							
		VMP-12-39-081213	8/12/2013																							
		VMP-12-39-111413	11/14/2013																							
		VMP-12-39-022814	2/28/2014																							
		VMP-12-39-050214	5/2/2014																							
		VMP-12-39-081514	8/15/2014																							
		VMP-12-39-081514-Dup	8/15/2014																							
		VMP-12-39-110714	11/7/2014																							
		VMP-12-39-021115	2/11/2015																							
		VMP-12-39-050715	5/7/2015																							
		VMP-12-39-050715-DUP	5/7/2015																							
		VMP-12-39-061515-Dup-R	6/15/2015																							
		VMP-12-39-061515-R	6/15/2015																							
		VMP-12-39-073115	7/31/2015																							
		VMP-12-39-073115-DUP	7/31/2015																							
		VMP-12-39-110415	11/4/2015																							
		VMP-12-39-020316	2/3/2016																							
		VMP-12-39-050416	5/4/2016																							
		VMP-12-39-080316	8/3/2016																							
		VMP-12-39-110316	11/3/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5	11/16/2009																							
		VMP 13-5-091310	9/13/2010																							
		VMP-13-5-120110	12/1/2010																							
		VMP-13-5-021811	2/18/2011																							
		VMP-13-5-040511	4/5/2011																							
		VMP-13-5-080911	8/9/2011																							
		VMP-13-5-080911-DUP	8/9/2011																							
		VMP-13-5-111411	11/14/2011																							
		VMP-13-5-012712	1/27/2012																							
		VMP-13-5-042012	4/20/2012																							
		VMP-13-5-071912	7/19/2012																							
		VMP-13-5-071912-Dup	7/19/2012																							
		VMP-13-5-100912	10/9/2012																							
		VMP-13-5-012913	1/29/2013																							
		VMP-13-5-050113	5/1/2013																							
		VMP-13-5-073113	7/31/2013																							
		VMP-13-5-111513	11/15/2013																							
		VMP-13-5-022114	2/21/2014																							
		VMP-13-5-050114	5/1/2014																							
		VMP-13-5-080814	8/8/2014																							
		VMP-13-5-103014	10/30/2014																							
		VMP-13-5-020515	2/5/2015																							
		VMP-13-5-043015	4/30/2015																							
		VMP-13-5-072715	7/27/2015																							
		VMP-13-5-110215	11/2/2015																							
		VMP-13-5-012616	1/26/2016																							
		VMP-13-5-050316	5/3/2016																							
		VMP-13-5-072916	7/29/2016																							
		VMP-13-5-110216	11/2/2016																							
	10.5 ft	VMP-13-10.5	11/17/2009																							
		VMP-13-10.5-D	11/17/2009																							
		VMP 13-10.5-091310	9/13/2010																							
		VMP 13-10.5-091310-Dup	9/13/2010																							
		VMP-13-10.5-120110	12/1/2010																							
		VMP-13-10.5-120110-DUP	12/1/2010																							
		VMP-13-10.5-021811	2/18/2011																							
		VMP-13-10.5-021811-DUP	2/18/2011																							
		VMP-13-10.5-040511-DUP	4/5/2011																							
		VMP-13-10.5-080911	8/9/2011																							
		VMP-13-10.5-111411	11/14/2011																							
		VMP-13-10.5-012712	1/26/2012																							
		VMP-13-10.5-012712-DUP	1/26/2012																							
		VMP-13-10.5-042012	4/20/2012																							
		VMP-13-10.5-071912	7/19/2012																							
		VMP-13-10.5-100912	10/9/2012																							
		VMP-13-10.5-100912-Dup	10/9/2012																							
		VMP-13-10.5-013013	1/30/2013																							
		VMP-13-10.5-050113	5/1/2013																							
		VMP-13-10.5-073113	7/31/2013																							
		VMP-13-10.5-092013	9/20/2013																							
		VMP-13-10.5-111513	11/15/2013																							
		VMP-13-10.5-111513-Dup	11/15/2013																							
		VMP-13-10.5-022114	2/21/2014																							
		VMP-13-10.5-050114	5/1/2014																							
		VMP-13-10.5-080814	8/8/2014																							
		VMP-13-10.5-103014	10/30/2014																							
		VMP-13-10.5-020515	2/5/2015																							
		VMP-13-10.5-043015	4/30/2015																							
		VMP-13-10.5-072715	7/27/2015																							
		VMP-13-10.5-110215	11/2/2015																							
		VMP-13-10.5-012616	1/26/2016																							
		VMP-13-10.5-050316	5/3/2016																							
		VMP-13-10.5-072916	7/29/2016																							
		VMP-13-10.5-110216	11/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-13	21.5 ft	VMP-13-21.5	11/17/2009																							
		VMP 13-21.5-091310	9/13/2010																							
		VMP-13-21.5-120110	12/1/2010																							
		VMP-13-21.5-021811	2/18/2011																							
		VMP-13-21.5-040511	4/5/2011																							
		VMP-13-21.5-080911	8/9/2011																							
		VMP-13-21.5-111411	11/14/2011																							
		VMP-13-21.5-111411-DUP	11/14/2011																							
		VMP-13-21.5-012712	1/27/2012																							
		VMP-13-21.5-042012	4/20/2012																							
		VMP-13-21.5-071912	7/19/2012																							
		VMP-13-21.5-100912	10/9/2012																							
		VMP-13-21.5-013013	1/30/2013																							
		VMP-13-21.5-050113	5/1/2013																							
		VMP-13-21.5-073113	7/31/2013																							
		VMP-13-21.5-102813	10/28/2013																							
		VMP-13-21.5-102813-Dup	10/28/2013																							
		VMP-13-21.5-022114	2/21/2014																							
		VMP-13-21.5-050114	5/1/2014																							
		VMP-13-21.5-080814	8/8/2014																							
		VMP-13-21.5-103014	10/30/2014																							
		VMP-13-21.5-020515	2/5/2015																							
		VMP-13-21.5-043015	4/30/2015																							
		VMP-13-21.5-072715	7/27/2015																							
		VMP-13-21.5-112515	11/25/2015																							
		VMP-13-21.5-012616	1/26/2016																							
		VMP-13-21.5-050316	5/3/2016																							
		VMP-13-21.5-050316-DUP	5/3/2016																							
		VMP-13-21.5-072916	7/29/2016																							
		VMP-13-21.5-110216	11/2/2016																							
	29.5 ft	VMP-13-29.5	11/17/2009																							
		VMP-13-29.5-021811	2/18/2011																							
		VMP-13-29.5-040511	4/5/2011																							
		VMP-13-29.5-013012	1/30/2012																							
		VMP-13-29.5-042012	4/20/2012																							
		VMP-13-29.5-071912	7/19/2012																							
		VMP-13-29.5-100912	10/9/2012																							
		VMP-13-29.5-013013	1/30/2013																							
		VMP-13-29.5-050113	5/1/2013																							
		VMP-13-29.5-073113	7/31/2013																							
		VMP-13-29.5-102813	10/28/2013																							
		VMP-13-29.5-022114	2/21/2014																							
		VMP-13-29.5-022114-Dup	2/21/2014																							
		VMP-13-29.5-050114	5/1/2014																							
		VMP-13-29.5-080814	8/8/2014																							
		VMP-13-29.5-103014	10/30/2014																							
		VMP-13-29.5-020515	2/5/2015																							
		VMP-13-29.5-043015	4/30/2015																							
		VMP-13-29.5-072715	7/27/2015																							
		VMP-13-29.5-072715-DUP	7/27/2015																							
		VMP-13-29.5-110215	11/2/2015																							
		VMP-13-29.5-110215-DUP	11/2/2015																							
		VMP-13-29.5-012616	1/26/2016																							
		VMP-13-29.5-050316	5/3/2016																							
		VMP-13-29.5-082616-R	8/29/2016																							
		VMP-13-29.5-110216	11/2/2016																							
		VMP-13-29.5-110216-Dup	11/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5	11/20/2009																							
		VMP 14-5-091010	9/10/2010																							
		VMP-14-5-120110	12/1/2010																							
		VMP-14-5-021711	2/17/2011																							
		VMP-14-5-040511	4/5/2011																							
		VMP-14-5-080811	8/8/2011																							
		VMP-14-5-111411	11/14/2011																							
		VMP-14-5-042012	4/20/2012																							
		VMP-14-5-072312	7/23/2012																							
		VMP-14-5-101012	10/10/2012																							
		VMP-14-5-013113	1/31/2013																							
		VMP-14-5-050113	5/1/2013																							
		VMP-14-5-111113	11/11/2013																							
		VMP-14-5-022614	2/26/2014																							
		VMP-14-5-050114	5/1/2014																							
		VMP-14-5-081114	8/11/2014																							
		VMP-14-5-103014	10/30/2014																							
		VMP-14-5-020615	2/6/2015																							
		VMP-14-5-043015	4/30/2015																							
		VMP-14-5-072915	7/29/2015																							
		VMP-14-5-110215	11/2/2015																							
		VMP-14-5-012616	1/26/2016																							
		VMP-14-5-050316	5/3/2016																							
		VMP14-5-072916	7/29/2016																							
		VMP-14-5-110216	11/2/2016																							
	11.5 ft	VMP-14-11.5	11/16/2009																							
		VMP 14-11.5-091010	9/10/2010																							
		VMP-14-11.5-120110	12/2/2010																							
		VMP-14-11.5-120110-DUP	12/2/2010																							
		VMP-14-11.5-021711	2/17/2011																							
		VMP-14-11.5-021711-DUP	2/17/2011																							
		VMP-14-11.5-040511	4/5/2011																							
		VMP-14-11.5-080811	8/8/2011																							
		VMP-14-11.5-111511	11/15/2011																							
		VMP-14-11.5-012612	1/26/2012																							
		VMP-14-11.5-042312	4/23/2012																							
		VMP-14-11.5-042312-Dup	4/23/2012																							
		VMP-14-11.5-072512	7/25/2012																							
		VMP-14-11.5-101012	10/10/2012																							
		VMP-14-11.5-013113	1/31/2013																							
		VMP-14-11.5-050113	5/1/2013																							
		VMP-14-11.5-080113	8/1/2013																							
		VMP-14-11.5-111113	11/11/2013																							
		VMP-14-11.5-022614	2/26/2014																							
		VMP-14-11.5-050114	5/1/2014																							
		VMP-14-11.5-081114	8/11/2014																							
		VMP-14-11.5-103014	10/30/2014																							
		VMP-14-11.5-020615	2/6/2015																							
		VMP-14-11.5-043015	4/30/2015																							
		VMP-14-11.5-072915	7/29/2015																							
		VMP-14-11.5-110215	11/2/2015																							
		VMP-14-11.5-012616	1/26/2016																							
		VMP-14-11.5-050316	5/3/2016																							
		VMP-14-11.5-072916	7/29/2016																							
		VMP-14-11.5-110216	11/2/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-14	20 ft	VMP-14-20	11/16/2009																							
		VMP 14-20-091010	9/10/2010																							
		VMP 14-20-091010-Dup	9/10/2010																							
		VMP-14-20-120110	12/2/2010																							
		VMP-14-20-021811	2/18/2011																							
		VMP-14-20-040511	4/5/2011																							
		VMP-14-20-080811	8/8/2011																							
		VMP-14-20-111511	11/15/2011																							
		VMP-14-20-012612	1/26/2012																							
		VMP-14-20-042312	4/23/2012																							
		VMP-14-20-072512	7/25/2012																							
		VMP-14-20-101612	10/16/2012																							
		VMP-14-20-013113	1/31/2013																							
		VMP-14-20-050113	5/1/2013																							
		VMP-14-20-050113-Dup	5/1/2013																							
		VMP-14-20-080113	8/1/2013																							
		VMP-14-20-111113	11/11/2013																							
		VMP-14-20-022614	2/26/2014																							
		VMP-14-20-050114	5/1/2014																							
		VMP-14-20-081114	8/11/2014																							
		VMP-14-20-103014	10/30/2014																							
		VMP-14-20-020615	2/6/2015																							
		VMP-14-20-043015	4/30/2015																							
		VMP-14-20-072915	7/29/2015																							
		VMP-14-20-110215	11/2/2015																							
		VMP-14-20-012616	1/26/2016																							
		VMP-14-20-050416	5/4/2016																							
		VMP-14-20-072916	7/29/2016																							
	29 ft	VMP-14-29	11/16/2009																							
		VMP-14-29-021811	2/18/2011																							
		VMP-14-29-040511	4/5/2011																							
		VMP-14-29-012612	1/26/2012																							
		VMP-14-29-042312	4/23/2012																							
		VMP-14-29-072512	7/25/2012																							
		VMP-14-29-101612	10/16/2012																							
		VMP-14-29-013113-DUP	1/31/2013																							
		VMP-14-29-013113	1/31/2013																							
		VMP-14-29-050213	5/2/2013																							
		VMP-14-29-080113	8/1/2013																							
		VMP-14-29-111113	11/11/2013																							
		VMP-14-29-022614	2/26/2014																							
		VMP-14-29-022614-Dup	2/26/2014																							
		VMP-14-29-050114	5/1/2014																							
		VMP-14-29-050114-Dup	5/1/2014																							
		VMP-14-29-081114	8/11/2014																							
		VMP-14-29-081114-DUP	8/11/2014																							
		VMP-14-29-103014	10/30/2014																							
		VMP-14-29-020615	2/6/2015																							
		VMP-14-29-043015	4/30/2015																							
		VMP-14-29-043015-DUP	4/30/2015																							
		VMP-14-29-072915	7/29/2015																							
		VMP-14-29-110215	11/2/2015																							
		VMP-14-29-012616	1/26/2016																							
		VMP-14-29-012616-DUP	1/26/2016																							
		VMP-14-29-050316	5/3/2016																							
		VMP-14-29-072916	7/29/2016																							
		VMP-14-29-072916-DUP	7/29/2016																							
		VMP-14-29-110216	11/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-15	5 ft	VMP-15-5	11/18/2009																							
		VMP-15-5-D	11/18/2009																							
		VMP 15-5-091410	9/14/2010																							
		VMP-15-5-113010	11/30/2010																							
		VMP-15-5-021611	2/16/2011																							
		VMP-15-5-042011	4/20/2011																							
		VMP-15-5-080811	8/8/2011																							
		VMP-15-5-111511	11/15/2011																							
		VMP-15-5-020112	2/1/2012																							
		VMP-15-5-042412	4/24/2012																							
		VMP-15-5-072512	7/25/2012																							
		VMP-15-5-102512	10/25/2012																							
		VMP-15-5-020513	2/5/2013																							
		VMP-15-5-050913	5/9/2013																							
		VMP-15-5-080813	8/8/2013																							
		VMP-15-5-111113	11/11/2013																							
		VMP-15-5-022714	2/27/2014																							
		VMP-15-5-050514	5/5/2014																							
		VMP-15-5-081414	8/14/2014																							
		VMP-15-5-110614	11/6/2014																							
		VMP-15-5-020615	2/6/2015																							
		VMP-15-5-050415	5/4/2015																							
		VMP-15-5-072915	7/29/2015																							
		VMP-15-5-110415	11/4/2015																							
		VMP-15-5-020316	2/3/2016																							
		VMP-15-5-050316	5/3/2016																							
		VMP-15-5-080216	8/2/2016																							
		VMP-15-5-110116	11/1/2016																							
	21.5 ft	VMP-15-21.5	11/18/2009																							
		VMP 15-21.5-091410	9/14/2010																							
		VMP-15-21.5-113010	11/30/2010																							
		VMP-15-21.5-021611	2/16/2011																							
		VMP-15-21.5-042011	4/20/2011																							
		VMP-15-21.5-080811	8/8/2011																							
		VMP-15-21.5-111511	11/15/2011																							
		VMP-15-21.5-020112	2/1/2012																							
		VMP-15-21.5-042412	4/24/2012																							
		VMP-15-21.5-072512	7/25/2012																							
		VMP-15-21.5-102512	10/25/2012																							
		VMP-15-21.5-102512-Dup	10/25/2012																							
		VMP-15-21.5-020713	2/7/2013																							
		VMP-15-21.5-051513	5/15/2013																							
		VMP-15-21.5-080813	8/8/2013																							
		VMP-15-21.5-111113	11/11/2013																							
		VMP-15-21.5-111113-Dup	11/11/2013																							
		VMP-15-21.5-022714	2/27/2014																							
		VMP-15-21.5-050514	5/5/2014																							
		VMP-15-21.5-081414	8/14/2014																							
		VMP-15-21.5-110614	11/6/2014																							
		VMP-15-21.5-020615	2/6/2015																							
		VMP-15-21.5-050415	5/4/2015																							
		VMP-15-21.5-072915	7/29/2015																							
		VMP-15-21.5-110415	11/4/2015																							
		VMP-15-21.5-020316	2/3/2016																							
		VMP-15-21.5-050316	5/3/2016																							
		VMP-15-21.5-080216	8/2/2016																							
		VMP-15-21.5-110116	11/1/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-15	25.5 ft	VMP-15-25.5	11/18/2009																							
		VMP 15-25.5-091410	9/14/2010																							
		VMP-15-25.5-021611	2/16/2011																							
		VMP-15-25.5-042011	4/20/2011																							
		VMP-15-25.5-042011-DUP	4/20/2011																							
		VMP-15-25.5-080811	8/8/2011																							
		VMP-15-25.5-111511	11/15/2011																							
		VMP-15-25.5-073112	7/31/2012																							
		VMP-15-25.5-102512	10/25/2012																							
		VMP-15-25.5-021213	2/12/2013																							
		VMP-15-25.5-050913	5/9/2013																							
		VMP-15-25.5-080813	8/8/2013																							
		VMP-15-25.5-111113	11/11/2013																							
		VMP-15-25.5-022714	2/27/2014																							
		VMP-15-25.5-050514	5/5/2014																							
		VMP-15-25.5-081414	8/14/2014																							
		VMP-15-25.5-110614	11/6/2014																							
		VMP-15-25.5-110614-DUP	11/6/2014																							
		VMP-15-25.5-020615	2/6/2015																							
		VMP-15-25.5-050415	5/4/2015																							
		VMP-15-25.5-072915	7/29/2015																							
		VMP-15-25.5-110415	11/4/2015																							
		VMP-15-25.5-020316	2/3/2016																							
		VMP-15-25.5-050316	5/3/2016																							
		VMP-15-25.5-080216	8/2/2016																							
		VMP-15-25.5-110116	11/1/2016																							
		VMP-15-25.5-110116-Dup	11/1/2016																							
	29 ft	VMP-15-29	11/19/2009																							
		VMP-15-29-073112	7/31/2012																							
		VMP-15-29-102512	10/25/2012																							
		VMP-15-29-021213	2/12/2013																							
		VMP-15-29-050913	5/9/2013																							
		VMP-15-29-080813	8/8/2013																							
		VMP-15-29-111113	11/11/2013																							
		VMP-15-29-022714	2/27/2014																							
		VMP-15-29-022714-Dup	2/27/2014																							
		VMP-15-29-081414	8/14/2014																							
		VMP-15-29-110614	11/6/2014																							
		VMP-15-29-020615	2/6/2015																							
		VMP-15-29-020615-DUP	2/6/2015																							
		VMP-15-29-050415	5/4/2015																							
		VMP-15-29-072915	7/29/2015																							
		VMP-15-29-072915-DUP	7/29/2015																							
		VMP-15-29-110415	11/4/2015																							
		VMP-15-29-020316	2/3/2016																							
		VMP-15-29-050316	5/3/2016																							
		VMP-15-29-080216	8/2/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5	11/20/2009																							
		VMP-16-5-090210	9/2/2010																							
		VMP-16-5-112910	11/29/2010																							
		VMP-16-5-021511	2/15/2011																							
		VMP-16-5-042211	4/22/2011																							
		VMP-16-5-080511	8/5/2011																							
		VMP-16-5-042512	4/25/2012																							
		VMP-16-5-073012	7/30/2012																							
		VMP-16-5-102512	10/25/2012																							
		VMP-16-5-021413	2/14/2013																							
		VMP-16-5-042313	4/23/2013																							
		VMP-16-5-081313	8/13/2013																							
		VMP-16-5-111513	11/15/2013																							
		VMP-16-5-030614	3/6/2014																							
		VMP-16-5-050214	5/2/2014																							
		VMP-16-5-081514	8/15/2014																							
		VMP-16-5-110714	11/7/2014																							
		VMP-16-5-021115	2/11/2015																							
		VMP-16-5-050715	5/7/2015																							
		VMP-16-5-073115	7/31/2015																							
		VMP-16-5-110415	11/4/2015																							
		VMP-16-5-020316	2/3/2016																							
		VMP-16-5-050416	5/4/2016																							
		VMP-16-5-080316	8/3/2016																							
		VMP-16-5-103116	10/31/2016																							
	13.5 ft	VMP-16-13.5	11/19/2009																							
		VMP-16-13.5-090210	9/2/2010																							
		VMP-16-13.5-090210-DUP	9/2/2010																							
		VMP-16-13.5-112910	11/29/2010																							
		VMP-16-13.5-021611	2/16/2011																							
		VMP-16-13.5-021611-DUP	2/16/2011																							
		VMP-16-13.5-042211	4/22/2011																							
		VMP-16-13.5-080511	8/5/2011																							
		VMP-16-13.5-042512	4/25/2012																							
		VMP-16-13.5-073012	7/30/2012																							
		VMP-16-13.5-102512	10/25/2012																							
		VMP-16-13.5-021413	2/14/2013																							
		VMP-16-13.5-042313	4/23/2013																							
		VMP-16-13.5-081313	8/13/2013																							
		VMP-16-13.5-081313-Dup	8/13/2013																							
		VMP-16-13.5-111513	11/15/2013																							
		VMP-16-13.5-030614	3/6/2014																							
		VMP-16-13.5-050214	5/2/2014																							
		VMP-16-13.5-050214-Dup	5/2/2014																							
		VMP-16-13.5-081514	8/15/2014																							
		VMP-16-13.5-110714	11/7/2014																							
		VMP-16-13.5-110714-DUP	11/7/2014																							
		VMP-16-13.5-021115	2/11/2015																							
		VMP-16-13.5-050715	5/7/2015																							
		VMP-16-13.5-073115	7/31/2015																							
		VMP-16-13.5-110415	11/4/2015																							
		VMP-16-13.5-020316	2/3/2016																							
		VMP-16-13.5-052516-R	5/25/2016																							
		VMP-16-13.5-080316	8/3/2016																							
		VMP-16-13.5-103116	10/31/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-16	19 ft	VMP-16-19	11/19/2009																							
		VMP-16-19-090210	9/2/2010																							
		VMP-16-19-112910	11/29/2010																							
		VMP-16-19-021611	2/16/2011																							
		VMP-16-19-042711	4/27/2011																							
		VMP-16-19-042711-DUP	4/27/2011																							
		VMP-16-19-042512	4/25/2012																							
		VMP-16-19-073012	7/30/2012																							
		VMP-16-19-102512	10/25/2012																							
		VMP-16-19-021413	2/14/2013																							
		VMP-16-19-042313	4/23/2013																							
		VMP-16-19-081313	8/13/2013																							
		VMP-16-19-111513	11/15/2013																							
		VMP-16-19-111513-Dup	11/15/2013																							
		VMP-16-19-030614	3/6/2014																							
		VMP-16-19-050214	5/2/2014																							
		VMP-16-19-081514	8/15/2014																							
		VMP-16-19-110714	11/7/2014																							
		VMP-16-19-120214-R	12/2/2014																							
		VMP-16-19-021115	2/11/2015																							
		VMP-16-19-050715	5/7/2015																							
		VMP-16-19-073115	7/31/2015																							
		VMP-16-19-110415	11/4/2015																							
		VMP-16-19-020316	2/3/2016																							
		VMP-16-19-050416	5/4/2016																							
		VMP-16-19-080316	8/3/2016																							
		VMP-16-19-103116	10/31/2016																							
	31 ft	VMP-16-31	11/19/2009																							
		VMP-16-31-D	11/19/2009																							
		VMP-16-31-090310	9/3/2010																							
		VMP-16-31-112910	11/29/2010																							
		VMP-16-31-042512	4/25/2012																							
		VMP-16-31-073012	7/30/2012																							
		VMP-16-31-102512	10/25/2012																							
		VMP-16-31-021813	2/18/2013																							
		VMP-16-31-042313	4/23/2013																							
		VMP-16-31-081313	8/13/2013																							
		VMP-16-31-111513	11/15/2013																							
		VMP-16-31-030614	3/6/2014																							
		VMP-16-31-050214	5/2/2014																							
		VMP-16-31-081514	8/15/2014																							
		VMP-16-31-081514-Dup	8/15/2014																							
		VMP-16-31-110714	11/7/2014																							
		VMP-16-31-021115	2/11/2015																							
		VMP-16-31-050715	5/7/2015																							
		VMP-16-31-073115	7/31/2015																							
		VMP-16-31-073115-DUP	7/31/2015																							
		VMP-16-31-110415	11/4/2015																							
		VMP-16-31-020316	2/3/2016																							
		VMP-16-31-020316-DUP	2/3/2016																							
		VMP-16-31-050416	5/4/2016																							
		VMP-16-31-050416-DUP	5/4/2016																							
		VMP-16-31-080316	8/3/2016																							
		VMP-16-31-103116	10/31/2016																							
		VMP-16-31-103116-Dup	10/31/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-17	5 ft	VMP-17-5	6/21/2010																							
		VMP-17-5-DUP	6/21/2010																							
		VMP-17-5-090110	9/1/2010																							
		VMP-17-5-112210	11/22/2010																							
		VMP-17-5-020711	2/7/2011																							
		VMP-17-5-040611	4/6/2011																							
		VMP-17-5-080111	8/1/2011																							
		VMP-17-5-110711	11/7/2011																							
		VMP-17-5-012612	1/26/2012																							
		VMP-17-5-041112	4/11/2012																							
		VMP-17-5-071112	7/11/2012																							
		VMP-17-5-100912	10/9/2012																							
		VMP-17-5-013113	1/31/2013																							
		VMP-17-5-013113-DUP	1/31/2013																							
		VMP-17-5-050113	5/1/2013																							
		VMP-17-5-072913	7/29/2013																							
		VMP-17-5-072913-Dup	7/29/2013																							
		VMP-17-5-110813	11/8/2013																							
		VMP-17-5-021114	2/11/2014																							
		VMP-17-5-042214	4/22/2014																							
		VMP-17-5-073114	7/31/2014																							
		VMP-17-5-103014	10/30/2014																							
		VMP-17-5-020415	2/4/2015																							
		VMP-17-5-050115	5/1/2015																							
		VMP-17-5-072815	7/28/2015																							
		VMP-17-5-102915	10/29/2015																							
		VMP-17-5-020216	2/2/2016																							
		VMP-17-5-050216	5/2/2016																							
		VMP-17-5-072516	7/25/2016																							
		VMP-17-5-103116	10/31/2016																							
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010																							
		VMP-18-8.5-090710	9/7/2010																							
		VMP-18-8.5-111910	11/19/2010																							
		VMP-18-8.5-020711	2/7/2011																							
		VMP-18-8.5-020711-DUP	2/7/2011																							
		VMP-18-8.5-040711	4/7/2011																							
		VMP-18-8.5-072811	7/28/2011																							
		VMP-18-8.5-110711	11/7/2011																							
		VMP-18-8.5-012312	1/23/2012																							
		VMP-18-8.5-041012	4/10/2012																							
		VMP-18-8.5-071212	7/12/2012																							
		VMP-18-8.5-100912	10/9/2012																							
		VMP-18-8.5-012313	1/23/2013																							
		VMP-18-8.5-050113	5/1/2013																							
		VMP-18-8.5-072913	7/29/2013																							
		VMP-18-8.5-102513	10/25/2013																							
		VMP-18-8.5-102513-Dup	10/25/2013																							
		VMP-18-8.5-020614	2/6/2014																							
		VMP-18-8.5-042214	4/22/2014																							
		VMP-18-8.5-042214-Dup	4/22/2014																							
		VMP-18-8.5-073114	7/31/2014																							
		VMP-18-8.5-110314	11/3/2014																							
		VMP-18-8.5-020415	2/4/2015																							
		VMP-18-8.5-050115	5/1/2015																							
		VMP-18-8.5-050115-DUP	5/1/2015																							
		VMP-18-8.5-072815	7/28/2015																							
		VMP-18-8.5-102915	10/29/2015																							
		VMP-18-8.5-020216	2/2/2016																							
		VMP-18-8.5-050516	5/5/2016																							
		VMP-18-8.5-072516	7/25/2016																							
		VMP-18-8.5-102516	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-19	5 ft	VMP-19-5	6/18/2010																							
		VMP-19-5-090110	9/1/2010																							
		VMP-19-5-111510	11/15/2010																							
		VMP-19-5-020411	2/4/2011																							
		VMP-19-5-040711	4/7/2011																							
		VMP-19-5-080911	8/9/2011																							
		VMP-19-5-080911-DUP	8/9/2011																							
		VMP-19-5-110811	11/8/2011																							
		VMP-19-5-012612	1/26/2012																							
		VMP-19-5-041012	4/10/2012																							
		VMP-19-5-071112	7/11/2012																							
		VMP-19-5-100912	10/9/2012																							
		VMP-19-5-013113	1/31/2013																							
		VMP-19-5-043013	4/30/2013																							
		VMP-19-5-073113	7/31/2013																							
		VMP-19-5-102513	10/25/2013																							
		VMP-19-5-020614	2/6/2014																							
		VMP-19-5-042214	4/22/2014																							
		VMP-19-5-073114	7/31/2014																							
		VMP-19-5-110314	11/3/2014																							
		VMP-19-5-020415	2/4/2015																							
		VMP-19-5-050115	5/1/2015																							
		VMP-19-5-072815	7/28/2015																							
		VMP-19-5-102615	10/26/2015																							
		VMP-19-5-020216	2/2/2016																							
		VMP-19-5-050616	5/6/2016																							
		VMP-19-5-072816	7/28/2016																							
		VMP-19-5-102516	10/26/2016																							
VMP-20	5 ft	VMP-20-5-031411	3/14/2011																							
		VMP-20-5-041511	4/15/2011																							
		VMP-20-5-072511	7/25/2011																							
		VMP-20-5-110111	11/1/2011																							
		VMP-20-5-012312	1/23/2012																							
		VMP-20-5-041012	4/10/2012																							
		VMP-20-5-071112	7/11/2012																							
		VMP-20-5-073112	7/31/2012																							
		VMP-20-5-100412	10/4/2012																							
		VMP-20-5-020713	2/7/2013																							
		VMP-20-5-041913	4/19/2013																							
		VMP-20-5-072313	7/23/2013																							
		VMP-20-5-110113	11/1/2013																							
		VMP-20-5-021014	2/10/2014																							
		VMP-20-5-042114	4/21/2014																							
		VMP-20-5-072514	7/25/2014																							
		VMP-20-5-102714	10/27/2014																							
		VMP-20-5-012715	1/27/2015																							
		VMP-20-5-042715	4/27/2015																							
		VMP-20-5-072015	7/20/2015																							
		VMP-20-5-102015	10/20/2015																							
		VMP-20-5-021616	2/16/2016																							
		VMP-20-5-042516	4/25/2016																							
		VMP-20-5-072216	7/22/2016																							
		VMP-20-5-102616	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-20	10 ft	VMP-20-10-031411	3/14/2011																							
		VMP-20-10-041511	4/15/2011																							
		VMP-20-10-072511	7/25/2011																							
		VMP-20-10-110111	11/1/2011																							
		VMP-20-10-012312	1/23/2012																							
		VMP-20-10-041012	4/10/2012																							
		VMP-20-10-071112	7/11/2012																							
		VMP-20-10-100412	10/4/2012																							
		VMP-20-10-012213	1/22/2013																							
		VMP-20-10-041913	4/19/2013																							
		VMP-20-10-072313	7/23/2013																							
		VMP-20-10-110113	11/1/2013																							
		VMP-20-10-110113-Dup	11/1/2013																							
		VMP-20-10-021014	2/10/2014																							
		VMP-20-10-042114	4/21/2014																							
		VMP-20-10-072514	7/25/2014																							
		VMP-20-10-102714	10/27/2014																							
		VMP-20-10-012715	1/27/2015																							
		VMP-20-10-012715-DUP	1/27/2015																							
		VMP-20-10-042715	4/27/2015																							
		VMP-20-10-072015	7/20/2015																							
		VMP-20-10-102015	10/20/2015																							
		VMP-20-10-102015-DUP	10/20/2015																							
		VMP-20-10-021616	2/16/2016																							
		VMP-20-10-042516	4/25/2016																							
		VMP-20-10-072216	7/22/2016																							
		VMP-20-10-102616	10/26/2016																							
	25 ft	VMP-20-25-031411	3/14/2011																							
		VMP-20-25-041511	4/15/2011																							
		VMP-20-25-072611	7/26/2011																							
		VMP-20-25-110511	11/5/2011																							
		VMP-20-25-012312	1/23/2012																							
		VMP-20-25-041012	4/10/2012																							
		VMP-20-25-041012-Dup	4/10/2012																							
		VMP-20-25-071112	7/11/2012																							
		VMP-20-25-100412	10/4/2012																							
		VMP-20-25-012213	1/22/2013																							
		VMP-20-25-041913	4/19/2013																							
		VMP-20-25-072313	7/23/2013																							
		VMP-20-25-110113	11/1/2013																							
		VMP-20-25-021014	2/10/2014																							
		VMP-20-25-042114	4/21/2014																							
		VMP-20-25-072514	7/25/2014																							
		VMP-20-25-102714	10/27/2014																							
		VMP-20-25-012715	1/27/2015																							
		VMP-20-25-042715	4/27/2015																							
		VMP-20-25-072015	7/20/2015																							
		VMP-20-25-102015	10/20/2015																							
		VMP-20-25-020216	2/2/2016																							
		VMP-20-25-042516	4/25/2016																							
		VMP-20-25-072216	7/22/2016																							
		VMP-20-25-102616	10/26/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-20	39.5 ft	VMP-20-39.5-042114	4/21/2014																							
		VMP-20-39.5-042715	4/27/2015																							
		VMP-20-39.5-042715-DUP	4/27/2015																							
		VMP-20-39.5-072015	7/20/2015																							
		VMP-20-39.5-072015-DUP	7/20/2015																							
		VMP-20-39.5-100412	10/4/2012																							
		VMP-20-39.5-012313	1/23/2013																							
		VMP-20-39.5-041913	4/19/2013																							
		VMP-20-39.5-072313	7/23/2013																							
		VMP-20-39.5-110113	11/1/2013																							
		VMP-20-39.5-021014	2/10/2014																							
		VMP-20-39.5-021014-Dup	2/10/2014																							
		VMP-20-39.5-072514	7/25/2014																							
		VMP-20-39.5-072514-Dup	7/25/2014																							
		VMP-20-39.5-102714	10/27/2014																							
		VMP-20-39.5-012715	1/27/2015																							
		VMP-20-39.5-102015	10/20/2015																							
		VMP-20-39.5-020216	2/2/2016																							
		VMP-20-39.5-020216-DUP	2/2/2016																							
VMP-21	5 ft	VMP-21-5-020911	2/9/2011																							
		VMP-21-5-020911-DUP	2/9/2011																							
		VMP-21-5-041311	4/13/2011																							
		VMP-21-5-072511	7/25/2011																							
		VMP-21-5-110111	11/1/2011																							
		VMP-21-5-012312	1/23/2012																							
		VMP-21-5-012312-DUP	1/23/2012																							
		VMP-21-5-042412	4/24/2012																							
		VMP-21-5-071012	7/10/2012																							
		VMP-21-5-100412	10/4/2012																							
		VMP-21-5-020613	2/6/2013																							
		VMP-21-5-051013	5/10/2013																							
		VMP-21-5-072313	7/23/2013																							
		VMP-21-5-102113	10/21/2013																							
		VMP-21-5-022414	2/24/2014																							
		VMP-21-5-042114	4/21/2014																							
		VMP-21-5-072814	7/28/2014																							
		VMP-21-5-102714	10/27/2014																							
		VMP-21-5-012715	1/27/2015																							
		VMP-21-5-042715	4/27/2015																							
		VMP-21-5-072015	7/20/2015																							
		VMP-21-5-102315	10/23/2015																							
		VMP-21-5-012616	1/26/2016																							
		VMP-21-5-042716	4/27/2016																							
		VMP-21-5-072616	7/26/2016																							
		VMP-21-5-102416	10/24/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011																							
		VMP-21-10-041311	4/13/2011																							
		VMP-21-10-072511	7/25/2011																							
		VMP-21-10-110111	11/1/2011																							
		VMP-21-10-012312	1/23/2012																							
		VMP-21-10-040912	4/9/2012																							
		VMP-21-10-071012	7/10/2012																							
		VMP-21-10-100412	10/4/2012																							
		VMP-21-10-020513	2/5/2013																							
		VMP-21-10-020513-DUP	2/5/2013																							
		VMP-21-10-051013	5/10/2013																							
		VMP-21-10-072313	7/23/2013																							
		VMP-21-10-102113	10/21/2013																							
		VMP-21-10-022414	2/24/2014																							
		VMP-21-10-042114	4/21/2014																							
		VMP-21-10-072814	7/28/2014																							
		VMP-21-10-102714	10/27/2014																							
		VMP-21-10-012715	1/27/2015																							
		VMP-21-10-042715	4/27/2015																							
		VMP-21-10-072015	7/20/2015																							
		VMP-21-10-102315	10/23/2015																							
		VMP-21-10-012616	1/26/2016																							
		VMP-21-10-042716	4/27/2016																							
		VMP-21-10-072616	7/26/2016																							
		VMP-21-10-102416	10/24/2016																							
	25 ft	VMP-21-25-021011	2/10/2011																							
		VMP-21-25-041411	4/14/2011																							
		VMP-21-25-041411-DUP	4/14/2011																							
		VMP-21-25-072611	7/26/2011																							
		VMP-21-25-110511	11/5/2011																							
		VMP-21-25-012412	1/24/2012																							
		VMP-21-25-040912	4/9/2012																							
		VMP-21-25-071112	7/11/2012																							
		VMP-21-25-100412	10/4/2012																							
		VMP-21-25-020513	2/5/2013																							
		VMP-21-25-020513-DUP	2/5/2013																							
		VMP-21-25-051013	5/10/2013																							
		VMP-21-25-072313	7/23/2013																							
		VMP-21-25-102113	10/21/2013																							
		VMP-21-25-042114	4/21/2014																							
		VMP-21-25-072814	7/28/2014																							
		VMP-21-25-102714	10/27/2014																							
		VMP-21-25-012715	1/27/2015																							
		VMP-21-25-042715	4/27/2015																							
		VMP-21-25-072015	7/20/2015																							
		VMP-21-25-102315	10/23/2015																							
		VMP-21-25-012616	1/26/2016																							
		VMP-21-25-042716	4/27/2016																							
		VMP-21-25-072616	7/26/2016																							
		VMP-21-25-102416	10/24/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-021011	2/10/2011																							
		VMP-21-33-041411	4/14/2011																							
		VMP-21-33-110511	11/5/2011																							
		VMP-21-33-012412	1/24/2012																							
		VMP-21-33-042412	4/24/2012																							
		VMP-21-33-071112	7/11/2012																							
		VMP-21-33-100412	10/4/2012																							
		VMP-21-33-020513	2/5/2013																							
		VMP-21-33-051013	5/10/2013																							
		VMP-21-33-102113	10/21/2013																							
		VMP-21-33-102113-DUP	10/21/2013																							
		VMP-21-33-022414	2/24/2014																							
		VMP-21-33-022414-Dup	2/24/2014																							
		VMP-21-33-042114	4/21/2014																							
		VMP-21-33-072814	7/28/2014																							
		VMP-21-33-102714	10/27/2014																							
		VMP-21-33-102714-DUP	10/27/2014																							
		VMP-21-33-012715	1/27/2015																							
		VMP-21-33-072015	7/20/2015																							
		VMP-21-33-102315	10/23/2015																							
		VMP-21-33-102315-DUP	10/23/2015																							
		VMP-21-33-042716	4/27/2016																							
		VMP-21-33-072616	7/26/2016																							
		VMP-21-33-102416	10/24/2016																							
VMP-22	5 ft	VMP-22-5-021111	2/11/2011																							
		VMP-22-5-041811	4/18/2011																							
		VMP-22-5-072611	7/26/2011																							
		VMP-22-5-110111	11/1/2011																							
		VMP-22-5-012412	1/24/2012																							
		VMP-22-5-040912	4/9/2012																							
		VMP-22-5-070912	7/9/2012																							
		VMP-22-5-100312	10/3/2012																							
		VMP-22-5-100312-Dup	10/3/2012																							
		VMP-22-5-012413	1/24/2013																							
		VMP-22-5-041913	4/19/2013																							
		VMP-22-5-072313	7/23/2013																							
		VMP-22-5-072313-Dup	7/23/2013																							
		VMP-22-5-101813	10/18/2013																							
		VMP-22-5-021314	2/13/2014																							
		VMP-22-5-042214	4/22/2014																							
		VMP-22-5-072814	7/28/2014																							
		VMP-22-5-102414	10/24/2014																							
		VMP-22-5-012715	1/27/2015																							
		VMP-22-5-042715	4/27/2015																							
		VMP-22-5-072015	7/20/2015																							
		VMP-22-5-012616	1/26/2016																							
		VMP-22-5-042616	4/26/2016																							
		VMP-22-5-072216	7/22/2016																							
		VMP-22-5-102716	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011																							
		VMP-22-10-041811	4/18/2011																							
		VMP-22-10-072611	7/26/2011																							
		VMP-22-10-072611-DUP	7/26/2011																							
		VMP-22-10-110211	11/2/2011																							
		VMP-22-10-012412	1/24/2012																							
		VMP-22-10-040912	4/9/2012																							
		VMP-22-10-070912	7/9/2012																							
		VMP-22-10-070912-Dup	7/9/2012																							
		VMP-22-10-100312	10/3/2012																							
		VMP-22-10-012413	1/24/2013																							
		VMP-22-10-041913	4/19/2013																							
		VMP-22-10-072313	7/23/2013																							
		VMP-22-10-101813	10/18/2013																							
		VMP-22-10-021314	2/13/2014																							
		VMP-22-10-042214	4/22/2014																							
		VMP-22-10-072814	7/28/2014																							
		VMP-22-10-102414	10/24/2014																							
		VMP-22-10-012715	1/27/2015																							
		VMP-22-10-042715	4/27/2015																							
		VMP-22-10-072015	7/20/2015																							
		VMP-22-10-102315	10/23/2015																							
		VMP-22-10-012616	1/26/2016																							
		VMP-22-10-042616	4/26/2016																							
		VMP-22-10-072216	7/22/2016																							
		VMP-22-10-102716	10/27/2016																							
	18 ft	VMP-22-18-021111	2/11/2011																							
		VMP-22-18-041811	4/18/2011																							
		VMP-22-18-072611	7/26/2011																							
		VMP-22-18-110511	11/5/2011																							
		VMP-22-18-012412	1/24/2012																							
		VMP-22-18-040912	4/9/2012																							
		VMP-22-18-070912	7/9/2012																							
		VMP-22-18-100412	10/4/2012																							
		VMP-22-18-012413	1/24/2013																							
		VMP-22-18-042213	4/22/2013																							
		VMP-22-18-072913	7/29/2013																							
		VMP-22-18-101813	10/18/2013																							
		VMP-22-18-021314	2/13/2014																							
		VMP-22-18-042214	4/22/2014																							
		VMP-22-18-072814	7/28/2014																							
		VMP-22-18-102414	10/24/2014																							
		VMP-22-18-012715	1/27/2015																							
		VMP-22-18-012715-DUP	1/27/2015																							
		VMP-22-18-042715	4/27/2015																							
		VMP-22-18-072015	7/20/2015																							
		VMP-22-18-102315	10/23/2015																							
		VMP-22-18-012616	1/26/2016																							
		VMP-22-18-042616	4/26/2016																							
		VMP-22-18-072216	7/22/2016																							
		VMP-22-18-102716	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-22	38 ft	VMP-22-38-041811	4/18/2011																							
		VMP-22-38-012512	1/25/2012																							
		VMP-22-38-040912	4/9/2012																							
		VMP-22-38-070912	7/9/2012																							
		VMP-22-38-100412	10/4/2012																							
		VMP-22-38-012413	1/24/2013																							
		VMP-22-38-042213	4/22/2013																							
		VMP-22-38-072913	7/29/2013																							
		VMP-22-38-101813	10/18/2013																							
		VMP-22-38-021314	2/13/2014																							
		VMP-22-38-021314-Dup	2/13/2014																							
		VMP-22-38-042214	4/22/2014																							
		VMP-22-38-072814	7/28/2014																							
		VMP-22-38-072814-DUP	7/28/2014																							
		VMP-22-38-102414	10/24/2014																							
		VMP-22-38-102414-DUP	10/24/2014																							
		VMP-22-38-012715	1/27/2015																							
		VMP-22-38-042715	4/27/2015																							
		VMP-22-38-042715-DUP	4/27/2015																							
		VMP-22-38-072015	7/20/2015																							
		VMP-22-38-072015-DUP	7/20/2015																							
		VMP-22-38-102315	10/23/2015																							
		VMP-22-38-012616-DUP	1/26/2016																							
		VMP-22-38-042616	4/26/2016																							
		VMP-22-38-072216	7/22/2016																							
		VMP-22-38-072216-DUP	7/22/2016																							
		VMP-22-38-102716	10/27/2016																							
		VMP-22-38-102716-Dup	10/27/2016																							
VMP-23	5 ft	VMP-23-5-021511	2/15/2011																							
		VMP-23-5-042111	4/21/2011																							
		VMP-23-5-072711	7/27/2011																							
		VMP-23-5-110211	11/2/2011																							
		VMP-23-5-012512	1/25/2012																							
		VMP-23-5-040912	4/9/2012																							
		VMP-23-5-070912	7/9/2012																							
		VMP-23-5-100312	10/3/2012																							
		VMP-23-5-012413	1/24/2013																							
		VMP-23-5-042213	4/22/2013																							
		VMP-23-5-072313	7/23/2013																							
		VMP-23-5-101813	10/18/2013																							
		VMP-23-5-021314	2/13/2014																							
		VMP-23-5-042114	4/21/2014																							
		VMP-23-5-080514	8/5/2014																							
		VMP-23-5-102414	10/24/2014																							
		VMP-23-5-012715	1/27/2015																							
		VMP-23-5-042715	4/27/2015																							
		VMP-23-5-072015	7/20/2015																							
		VMP-23-5-102615	10/26/2015																							
		VMP-23-5-012516	1/25/2016																							
		VMP-23-5-062816	6/28/2016																							
		VMP-23-5-072216	7/22/2016																							
		VMP-23-5-101916	10/19/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011																							
		VMP-23-10-042111	4/21/2011																							
		VMP-23-10-072711	7/27/2011																							
		VMP-23-10-110211	11/2/2011																							
		VMP-23-10-012512	1/25/2012																							
		VMP-23-10-040912	4/9/2012																							
		VMP-23-10-040912-Dup	4/9/2012																							
		VMP-23-10-070912	7/9/2012																							
		VMP-23-10-100312	10/3/2012																							
		VMP-23-10-012413	1/24/2013																							
		VMP-23-10-042213	4/22/2013																							
		VMP-23-10-072313	7/23/2013																							
		VMP-23-10-101813	10/18/2013																							
		VMP-23-10-101813-DUP	10/18/2013																							
		VMP-23-10-021314	2/13/2014																							
		VMP-23-10-042114	4/21/2014																							
		VMP-23-10-080514	8/5/2014																							
		VMP-23-10-102414	10/24/2014																							
		VMP-23-10-012715	1/27/2015																							
		VMP-23-10-042715	4/27/2015																							
		VMP-23-10-072015	7/20/2015																							
		VMP-23-10-102615	10/26/2015																							
		VMP-23-10-012516	1/25/2016																							
		VMP-23-10-062816	6/28/2016																							
		VMP-23-10-072216	7/22/2016																							
		VMP-23-10-101916	10/19/2016																							
	25 ft	VMP-23-25-021511	2/15/2011																							
		VMP-23-25-042111	4/21/2011																							
		VMP-23-25-072711	7/27/2011																							
		VMP-23-25-110511	11/5/2011																							
		VMP-23-25-012512	1/25/2012																							
		VMP-23-25-040912	4/9/2012																							
		VMP-23-25-071012	7/10/2012																							
		VMP-23-25-100312	10/3/2012																							
		VMP-23-25-012413	1/24/2013																							
		VMP-23-25-042213	4/22/2013																							
		VMP-23-25-072313	7/23/2013																							
		VMP-23-25-102113	10/21/2013																							
		VMP-23-25-021314	2/13/2014																							
		VMP-23-25-042114	4/21/2014																							
		VMP-23-25-080514	8/5/2014																							
		VMP-23-25-102414	10/24/2014																							
		VMP-23-25-012715	1/27/2015																							
		VMP-23-25-042715	4/27/2015																							
		VMP-23-25-072015	7/20/2015																							
		VMP-23-25-102615	10/26/2015																							
		VMP-23-25-012516	1/25/2016																							
		VMP-23-25-062816	6/28/2016																							
		VMP-23-25-072216	7/22/2016																							
		VMP-23-25-101916	10/19/2016																							
	40 ft	VMP-23-40-071012	7/10/2012																							
		VMP-23-40-100312	10/3/2012																							
		VMP-23-40-012413	1/24/2013																							
		VMP-23-40-042213	4/22/2013																							
		VMP-23-40-042213-Dup	4/22/2013																							
		VMP-23-40-102113	10/21/2013																							
		VMP-23-40-021314	2/13/2014																							
		VMP-23-40-042114	4/21/2014																							
		VMP-23-40-080514	8/5/2014																							
		VMP-23-40-102414	10/24/2014																							
		VMP-23-40-012715	1/27/2015																							
		VMP-23-40-042715	4/27/2015																							
		VMP-23-40-072015	7/20/2015																							
		VMP-23-40-102615	10/26/2015																							
		VMP-23-40-102615-DUP	10/26/2015																							
		VMP-23-40-012516	1/25/2016																							
		VMP-23-40-072216	7/22/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-021611	2/16/2011																							
		VMP-24-5-040811	4/8/2011																							
		VMP-24-5-072811	7/28/2011																							
		VMP-24-5-110211	11/2/2011																							
		VMP-24-5-110211-DUP	11/2/2011																							
		VMP-24-5-012512	1/25/2012																							
		VMP-24-5-040912	4/9/2012																							
		VMP-24-5-071212	7/12/2012																							
		VMP-24-5-101912	10/19/2012																							
		VMP-24-5-012313	1/23/2013																							
		VMP-24-5-050113	5/1/2013																							
		VMP-24-5-073113	7/31/2013																							
		VMP-24-5-102113	10/21/2013																							
		VMP-24-5-020614	2/6/2014																							
		VMP-24-5-042114	4/21/2014																							
		VMP-24-5-072814	7/28/2014																							
		VMP-24-5-102714	10/27/2014																							
		VMP-24-5-020215	2/2/2015																							
		VMP-24-5-042715	4/27/2015																							
		VMP-24-5-072115	7/21/2015																							
		VMP-24-5-102915	10/29/2015																							
		VMP-24-5-012716	1/27/2016																							
		VMP-24-5-042916	4/29/2016																							
		VMP-24-5-072716	7/27/2016																							
		VMP-24-5-102816	10/28/2016																							
	10 ft	VMP-24-10-021711	2/17/2011																							
		VMP-24-10-041111	4/11/2011																							
		VMP-24-10-072811	7/28/2011																							
		VMP-24-10-110211	11/2/2011																							
		VMP-24-10-012512	1/25/2012																							
		VMP-24-10-041012	4/10/2012																							
		VMP-24-10-071212	7/12/2012																							
		VMP-24-10-100912	10/9/2012																							
		VMP-24-10-012313	1/23/2013																							
		VMP-24-10-042513	4/25/2013																							
		VMP-24-10-073113	7/31/2013																							
		VMP-24-10-102113	10/21/2013																							
		VMP-24-10-020614	2/6/2014																							
		VMP-24-10-042114	4/21/2014																							
		VMP-24-10-072814	7/28/2014																							
		VMP-24-10-102714	10/27/2014																							
		VMP-24-10-020215	2/2/2015																							
		VMP-24-10-042715	4/27/2015																							
		VMP-24-10-072115	7/21/2015																							
		VMP-24-10-102915	10/29/2015																							
		VMP-24-10-012716	1/27/2016																							
		VMP-24-10-042916	4/29/2016																							
		VMP-24-10-072716	7/27/2016																							
		VMP-24-10-102816	10/28/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011																							
		VMP-24-22-041111	4/11/2011																							
		VMP-24-22-072811	7/28/2011																							
		VMP-24-22-072811-Dup	7/28/2011																							
		VMP-24-22-110611	11/6/2011																							
		VMP-24-22-012512	1/25/2012																							
		VMP-24-22-041012	4/10/2012																							
		VMP-24-22-071212	7/12/2012																							
		VMP-24-22-100912	10/9/2012																							
		VMP-24-22-012313	1/23/2013																							
		VMP-24-22-042513	4/25/2013																							
		VMP-24-22-042513-Dup	4/25/2013																							
		VMP-24-22-073113	7/31/2013																							
		VMP-24-22-102213	10/22/2013																							
		VMP-24-22-020614	2/6/2014																							
		VMP-24-22-042114	4/21/2014																							
		VMP-24-22-072814	7/28/2014																							
		VMP-24-22-102714	10/27/2014																							
		VMP-24-22-020215	2/2/2015																							
		VMP-24-22-042715	4/27/2015																							
		VMP-24-22-072115	7/21/2015																							
		VMP-24-22-082415	8/24/2015																							
		VMP-24-22-082415-DUP	8/24/2015																							
		VMP-24-22-102915	10/29/2015																							
		VMP-24-22-012716	1/27/2016																							
		VMP-24-22-042916	4/29/2016																							
		VMP-24-22-072716	7/27/2016																							
		VMP-24-22-102816	10/28/2016																							
	34 ft	VMP-24-34-021711	2/17/2011																							
		VMP-24-34-041111	4/11/2011																							
		VMP-24-34-072811	7/28/2011																							
		VMP-24-34-110611	11/6/2011																							
		VMP-24-34-012512	1/25/2012																							
		VMP-24-34-041012	4/10/2012																							
		VMP-24-34-071212	7/12/2012																							
		VMP-24-34-100912	10/9/2012																							
		VMP-24-34-012313	1/23/2013																							
		VMP-24-34-050613	5/6/2013																							
		VMP-24-34-073113	7/31/2013																							
		VMP-24-34-073113-Dup	7/31/2013																							
		VMP-24-34-102213	10/22/2013																							
		VMP-24-34-020614	2/6/2014																							
		VMP-24-34-042114	4/21/2014																							
		VMP-24-34-072814	7/28/2014																							
		VMP-24-34-072814-DUP	7/28/2014																							
		VMP-24-34-102714	10/27/2014																							
		VMP-24-34-102714-DUP	10/27/2014																							
		VMP-24-34-020215	2/2/2015																							
		VMP-24-34-020215-DUP	2/2/2015																							
		VMP-24-34-042715	4/27/2015																							
		VMP-24-34-072115	7/21/2015																							
		VMP-24-34-072115-DUP	7/21/2015																							
		VMP-24-34-102915	10/29/2015																							
		VMP-24-34-012716	1/27/2016																							
		VMP-24-34-042916	4/29/2016																							
		VMP-24-34-072716	7/27/2016																							
		VMP-24-34-072716-DUP	7/27/2016																							
		VMP-24-34-102816	10/28/2016																							
		VMP-24-34-102816-Dup	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-25	5 ft	VMP-25-5-031511	3/15/2011																							
		VMP-25-5-040811	4/8/2011																							
		VMP-25-5-080911	8/9/2011																							
		VMP-25-5-111711	11/17/2011																							
		VMP-25-5-013112	1/31/2012																							
		VMP-25-5-042512	4/25/2012																							
		VMP-25-5-072612	7/26/2012																							
		VMP-25-5-102612	10/26/2012																							
		VMP-25-5-030613	3/6/2013																							
		VMP-25-5-051713	5/17/2013																							
		VMP-25-5-081513	8/15/2013																							
		VMP-25-5-081513-Dup	8/15/2013																							
		VMP-25-5-111313	11/13/2013																							
		VMP-25-5-050114	5/1/2014																							
		VMP-25-5-081414	8/14/2014																							
		VMP-25-5-110514	11/5/2014																							
		VMP-25-5-021115	2/11/2015																							
		VMP-25-5-050715	5/7/2015																							
		VMP-25-5-073015	7/30/2015																							
		VMP-25-5-110515	11/5/2015																							
		VMP-25-5-021616	2/16/2016																							
		VMP-25-5-050416	5/4/2016																							
		VMP-25-5-080316	8/3/2016																							
		VMP-25-5-103116	10/31/2016																							
	21 ft	VMP-25-21-031511	3/15/2011																							
		VMP-25-21-031511-DUP	3/15/2011																							
		VMP-25-21-040811	4/8/2011																							
		VMP-25-21-040811-DUP	4/8/2011																							
		VMP-25-21-080911	8/9/2011																							
		VMP-25-21-111711	11/17/2011																							
		VMP-25-21-111711-DUP	11/17/2011																							
		VMP-25-21-013112	1/31/2012																							
		VMP-25-21-013112-DUP	2/1/2012																							
		VMP-25-21-042512	4/25/2012																							
		VMP-25-21-072612	7/26/2012																							
		VMP-25-21-102612	10/26/2012																							
		VMP-25-21-030613	3/6/2013																							
		VMP-25-21-051713	5/17/2013																							
		VMP-25-21-081513	8/15/2013																							
		VMP-25-21-111313	11/13/2013																							
		VMP-25-21-111313-Dup	11/13/2013																							
		VMP-25-21-050114	5/1/2014																							
		VMP-25-21-081414	8/14/2014																							
		VMP-25-21-110514	11/5/2014																							
		VMP-25-21-021115	2/11/2015																							
		VMP-25-21-050715	5/7/2015																							
		VMP-25-21-073015	7/30/2015																							
		VMP-25-21-110515	11/5/2015																							
		VMP-25-21-050416	5/4/2016																							
		VMP-25-21-080316	8/3/2016																							
		VMP-25-21-103116	10/31/2016																							
		VMP-25-21-103116-Dup	10/31/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-25	31 ft	VMP-25-31-030613	3/6/2013																							
		VMP-25-31-081513	8/15/2013																							
		VMP-25-31-111313	11/13/2013																							
		VMP-25-31-050114	5/1/2014																							
		VMP-25-31-081414	8/14/2014																							
		VMP-25-31-110514	11/5/2014																							
		VMP-25-31-021115	2/11/2015																							
		VMP-25-31-021115-DUP	2/11/2015																							
		VMP-25-31-050715	5/7/2015																							
		VMP-25-31-050715-DUP	5/7/2015																							
		VMP-25-31-073015	7/30/2015																							
		VMP-25-31-073015-DUP	7/30/2015																							
		VMP-25-31-110515	11/5/2015																							
		VMP-25-31-021616	2/16/2016																							
		VMP-25-31-021616-DUP	2/16/2016																							
		VMP-25-31-050416	5/4/2016																							
		VMP-25-31-080316	8/3/2016																							
		VMP-25-31-080316-DUP	8/3/2016																							
		VMP-25-31-103116	10/31/2016																							
VMP-29	10 ft	VMP-29-10-073012	7/30/2012																							
		VMP-29-10-100812	10/8/2012																							
		VMP-29-10-020613	2/6/2013																							
		VMP-29-10-050613	5/6/2013																							
		VMP-29-10-080513	8/5/2013																							
		VMP-29-10-083013	8/30/2013																							
		VMP-29-10-102513	10/25/2013																							
		VMP-29-10-021214	2/12/2014																							
		VMP-29-10-042914	4/29/2014																							
		VMP-29-10-081214	8/12/2014																							
		VMP-29-10-110314	11/3/2014																							
		VMP-29-10-020515	2/5/2015																							
		VMP-29-10-050615	5/6/2015																							
		VMP-29-10-072715	7/27/2015																							
		VMP-29-10-103015	10/30/2015																							
		VMP-29-10-012716	1/27/2016																							
		VMP-29-10-050216	5/2/2016																							
		VMP-29-10-072816	7/28/2016																							
		VMP-29-10-120916	12/9/2016																							
	20 ft	VMP-29-20-073012	7/30/2012																							
		VMP-29-20-073012-Dup	7/30/2012																							
		VMP-29-20-100812	10/8/2012																							
		VMP-29-20-020613	2/6/2013																							
		VMP-29-20-050613	5/6/2013																							
		VMP-29-20-080513	8/5/2013																							
		VMP-29-20-102513	10/25/2013																							
		VMP-29-20-021214	2/12/2014																							
		VMP-29-20-042914	4/29/2014																							
		VMP-29-20-081214	8/12/2014																							
		VMP-29-20-110314	11/3/2014																							
		VMP-29-20-020515	2/5/2015																							
		VMP-29-20-050615	5/6/2015																							
		VMP-29-20-072715	7/27/2015																							
		VMP-29-20-103015	10/30/2015																							
	18 ft	VMP-29-20-020416-R	2/4/2016																							
		VMP-29-20-050216	5/2/2016																							
		VMP-29-20-072816	7/28/2016																							
		VMP-29-18-110316	11/3/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-29	26 ft	VMP-29-30-073012	7/30/2012																							
		VMP-29-30-100812	10/8/2012																							
		VMP-29-30-020613	2/6/2013																							
		VMP-29-30-050613	5/6/2013																							
		VMP-29-30-080513	8/5/2013																							
		VMP-29-30-080513-Dup	8/5/2013																							
		VMP-29-30-102513	10/25/2013																							
		VMP-29-30-021214	2/12/2014																							
		VMP-29-30-042914	4/29/2014																							
		VMP-29-30-081214	8/12/2014																							
		VMP-29-30-111214-R	11/12/2014																							
		VMP-29-30-111214-R-DUP	11/12/2014																							
		VMP-29-30-020615	2/6/2015																							
		VMP-29-30-050615	5/6/2015																							
		VMP-29-30-050615-DUP	5/6/2015																							
		VMP-29-30-080315	8/3/2015																							
		VMP-29-30-103015	10/30/2015																							
		VMP-29-30-012716	1/27/2016																							
		VMP-29-30-050216	5/2/2016																							
		VMP-29-30-072816	7/28/2016																							
		VMP-29-26-110316	11/3/2016																							
		VMP-29-26-110316-Dup	11/3/2016																							
VMP-30	10 ft	VMP-30-10-073012	7/30/2012																							
		VMP-30-10-100812	10/8/2012																							
		VMP-30-10-020613	2/6/2013																							
		VMP-30-10-050613	5/6/2013																							
		VMP-30-10-080513	8/5/2013																							
		VMP-30-10-102813	10/28/2013																							
		VMP-30-10-021214	2/12/2014																							
		VMP-30-10-042914	4/29/2014																							
		VMP-30-10-080814	8/8/2014																							
		VMP-30-10-110414	11/4/2014																							
		VMP-30-10-020615	2/6/2015																							
		VMP-30-10-050515	5/5/2015																							
		VMP-30-10-072715	7/27/2015																							
		VMP-30-10-103015	10/30/2015																							
		VMP-30-10-020416	2/4/2016																							
		VMP-30-10-050216	5/2/2016																							
		VMP-30-10-072816	7/28/2016																							
		VMP-30-10-110316	11/3/2016																							
	18 ft	VMP-30-20-073012	7/30/2012																							
		VMP-30-20-100812	10/8/2012																							
		VMP-30-20-020613	2/6/2013																							
		VMP-30-20-050613	5/6/2013																							
		VMP-30-20-080513	8/5/2013																							
		VMP-30-20-102813	10/28/2013																							
		VMP-30-20-021214	2/12/2014																							
		VMP-30-20-042914	4/29/2014																							
		VMP-30-20-080814	8/8/2014																							
		VMP-30-20-110414	11/4/2014																							
		VMP-30-20-020615	2/6/2015																							
		VMP-30-20-050515	5/5/2015																							
		VMP-30-20-072715	7/27/2015																							
		VMP-30-20-103015	10/30/2015																							
		VMP-30-20-012716	1/27/2016																							
		VMP-30-20-050216	5/2/2016																							
		VMP-30-20-072816	7/28/2016																							
		VMP-30-18-110316	11/3/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-30	26 ft	VMP-30-30-073012	7/30/2012																							
		VMP-30-30-100812	10/8/2012																							
		VMP-30-30-020613	2/6/2013																							
		VMP-30-30-050613	5/6/2013																							
		VMP-30-30-081413	8/14/2013																							
		VMP-30-30-102813	10/28/2013																							
		VMP-30-30-021214	2/12/2014																							
		VMP-30-30-042914	4/29/2014																							
		VMP-30-30-042914-DUP	4/29/2014																							
		VMP-30-30-080814	8/8/2014																							
		VMP-30-30-110414	11/4/2014																							
		VMP-30-30-020615	2/6/2015																							
		VMP-30-30-050515	5/5/2015																							
		VMP-30-30-050515-DUP	5/5/2015																							
		VMP-30-30-072715	7/27/2015																							
		VMP-30-30-103015	10/30/2015																							
		VMP-30-30-012716	1/27/2016																							
		VMP-30-30-050216	5/2/2016																							
		VMP-30-30-072816	7/28/2016																							
		VMP-30-30-072816-DUP	7/28/2016																							
		VMP-30-26-110316	11/3/2016																							
VMP-31	5 ft	VMP-31-5-042512	4/25/2012																							
		VMP-31-5-072012	7/20/2012																							
		VMP-31-5-102612	10/26/2012																							
		VMP-31-5-021113	2/11/2013																							
		VMP-31-5-051513	5/15/2013																							
		VMP-31-5-022614	2/26/2014																							
	10 ft	VMP-31-10-042512	4/25/2012																							
		VMP-31-10-072612	7/26/2012																							
		VMP-31-10-102612	10/26/2012																							
		VMP-31-10-021313	2/13/2013																							
		VMP-31-10-051713	5/17/2013																							
		VMP-31-10-111313	11/13/2013																							
		VMP-31-10-022714	2/27/2014																							
	20 ft	VMP-31-20-101912	10/19/2012																							
		VMP-31-20-021113	2/11/2013																							
		VMP-31-20-111213	11/12/2013																							
	30 ft	VMP-31-30-042512	4/25/2012																							
		VMP-31-30-042512-Dup	4/25/2012																							
		VMP-31-30-072012	7/20/2012																							
		VMP-31-30-101912	10/19/2012																							
		VMP-31-30-021113	2/11/2013																							
		VMP-31-30-050713	5/7/2013																							
		VMP-31-30-080913	8/9/2013																							
		VMP-31-30-111213	11/12/2013																							
		VMP-31-30-022614	2/26/2014																							
VMP-32	5 ft	VMP-32-5-042512	4/25/2012																							
		VMP-32-5-072012	7/20/2012																							
		VMP-32-5-101812	10/18/2012																							
		VMP-32-5-020513	2/5/2013																							
		VMP-32-5-050713	5/7/2013																							
		VMP-32-5-080213	8/2/2013																							
		VMP-32-5-110813	11/8/2013																							
		VMP-32-5-050114	5/1/2014																							
		VMP-32-5-081314	8/13/2014																							
		VMP-32-5-110714	11/7/2014																							
		VMP-32-5-021015	2/10/2015																							
		VMP-32-5-073115	7/31/2015																							
		VMP-32-5-082415	8/24/2015																							
		VMP-32-5-110415	11/4/2015																							
		VMP-32-5-012616	1/26/2016																							
		VMP-32-5-042716	4/27/2016																							
		VMP-32-5-072616	7/26/2016																							
		VMP-32-5-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-32	10 ft	VMP-32-10-041612	4/16/2012																							
		VMP-32-10-072012	7/20/2012																							
		VMP-32-10-101812	10/18/2012																							
		VMP-32-10-020513	2/5/2013																							
		VMP-32-10-050713	5/7/2013																							
		VMP-32-10-080213	8/2/2013																							
		VMP-32-10-082313-R	8/23/2013																							
		VMP-32-10-082313-R-DUP	8/23/2013																							
		VMP-32-10-110813	11/8/2013																							
		VMP-32-10-022814	2/28/2014																							
		VMP-32-10-050114	5/1/2014																							
		VMP-32-10-081314	8/13/2014																							
		VMP-32-10-110714	11/7/2014																							
		VMP-32-10-021015	2/10/2015																							
		VMP-32-10-051115	5/11/2015																							
		VMP-32-10-052915-R	5/29/2015																							
		VMP-32-10-110415	11/4/2015																							
		VMP-32-10-012616	1/26/2016																							
		VMP-32-10-042716	4/27/2016																							
		VMP-32-10-072616	7/26/2016																							
		VMP-32-10-102716	10/27/2016																							
	20 ft	VMP-32-20-041612	4/16/2012																							
		VMP-32-20-072012	7/20/2012																							
		VMP-32-20-101812	10/18/2012																							
		VMP-32-20-020513	2/5/2013																							
		VMP-32-20-050713	5/7/2013																							
		VMP-32-20-050713-Dup	5/7/2013																							
		VMP-32-20-080213	8/2/2013																							
		VMP-32-20-110813	11/8/2013																							
		VMP-32-20-022814	2/28/2014																							
		VMP-32-20-050514	5/5/2014																							
		VMP-32-20-081314	8/13/2014																							
		VMP-32-20-110714	11/7/2014																							
		VMP-32-20-021015	2/10/2015																							
		VMP-32-20-051115	5/11/2015																							
		VMP-32-20-080315	8/3/2015																							
		VMP-32-20-110415	11/4/2015																							
		VMP-32-20-110415-DUP	11/4/2015																							
		VMP-32-20-021616	2/16/2016																							
		VMP-32-20-042716	4/27/2016																							
		VMP-32-20-082616-R	8/29/2016																							
		VMP-32-20-102716	10/27/2016																							
	30 ft	VMP-32-30-041612	4/16/2012																							
		VMP-32-30-072012	7/20/2012																							
		VMP-32-30-101812	10/18/2012																							
		VMP-32-30-020513	2/5/2013																							
		VMP-32-30-050713	5/7/2013																							
		VMP-32-30-080213	8/2/2013																							
		VMP-32-30-110813	11/8/2013																							
		VMP-32-30-022814	2/28/2014																							
		VMP-32-30-022814-Dup	2/28/2014																							
		VMP-32-30-050114	5/1/2014																							
		VMP-32-30-081314	8/13/2014																							
		VMP-32-30-081314-DUP	8/13/2014																							
		VMP-32-30-110714	11/7/2014																							
		VMP-32-30-110714-DUP	11/7/2014																							
		VMP-32-30-021015	2/10/2015																							
		VMP-32-30-050515	5/5/2015																							
		VMP-32-30-073115	7/31/2015																							
		VMP-32-30-073115-DUP	7/31/2015																							
		VMP-32-30-082415	8/24/2015																							
		VMP-32-30-082415-DUP	8/24/2015																							
		VMP-32-30-110415	11/4/2015																							
		VMP-32-30-020216	2/2/2016																							
		VMP-32-30-042716	4/27/2016																							
		VMP-32-30-072616	7/26/2016																							
		VMP-32-30-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072712	7/27/2012																							
		VMP-41-10-100912	10/9/2012																							
		VMP-41-10-012913	1/29/2013																							
		VMP-41-10-043013	4/30/2013																							
		VMP-41-10-080213	8/2/2013																							
		VMP-41-10-102913	10/29/2013																							
		VMP-41-10-021114	2/11/2014																							
		VMP-41-10-042214	4/22/2014																							
		VMP-41-10-073114	7/31/2014																							
		VMP-41-10-102814	10/28/2014																							
		VMP-41-10-020415	2/4/2015																							
		VMP-41-10-020415-DUP	2/4/2015																							
		VMP-41-10-043015	4/30/2015																							
		VMP-41-10-072815	7/28/2015																							
		VMP-41-10-110215	11/2/2015																							
		VMP-41-10-012716	1/27/2016																							
		VMP-41-10-050216	5/2/2016																							
		VMP-41-10-072816	7/28/2016																							
		VMP-41-10-102416	10/24/2016																							
	20 ft	VMP-41-20-072712	7/27/2012																							
		VMP-41-20-072712-Dup	7/27/2012																							
		VMP-41-20-100912	10/9/2012																							
		VMP-41-20-100912-Dup	10/9/2012																							
		VMP-41-20-012913	1/29/2013																							
		VMP-41-20-043013	4/30/2013																							
		VMP-41-20-043013-Dup	4/30/2013																							
		VMP-41-20-080213	8/2/2013																							
		VMP-41-20-102913	10/29/2013																							
		VMP-41-20-021114	2/11/2014																							
		VMP-41-20-042214	4/22/2014																							
		VMP-41-20-073114	7/31/2014																							
		VMP-41-20-102814	10/28/2014																							
		VMP-41-20-020415	2/4/2015																							
		VMP-41-20-043015	4/30/2015																							
		VMP-41-20-072815	7/28/2015																							
		VMP-41-20-110215	11/3/2015																							
		VMP-41-20-012716	1/27/2016																							
		VMP-41-20-050216	5/2/2016																							
		VMP-41-20-072816	7/28/2016																							
		VMP-41-20-102416	10/24/2016																							
	26 ft	VMP-41-30-100912	10/9/2012																							
		VMP-41-30-012913	1/29/2013																							
		VMP-41-30-043013	4/30/2013																							
		VMP-41-30-080213	8/2/2013																							
		VMP-41-30-102913	10/29/2013																							
		VMP-41-30-021114	2/11/2014																							
		VMP-41-30-021114-Dup	2/11/2014																							
		VMP-41-30-042214	4/22/2014																							
		VMP-41-30-073114	7/31/2014																							
		VMP-41-30-102814	10/28/2014																							
		VMP-41-30-020415	2/4/2015																							
		VMP-41-30-043015	4/30/2015																							
		VMP-41-30-043015-DUP	4/30/2015																							
		VMP-41-30-110215	11/2/2015																							
		VMP-41-30-110215-DUP	11/2/2015																							
		VMP-41-30-012716	1/27/2016																							
		VMP-41-30-012716-DUP	1/27/2016																							
		VMP-41-30-050216	5/2/2016																							
		VMP-41-30-072816	7/28/2016																							
		VMP-41-30-072816-DUP	7/28/2016																							
		VMP-41-26-102416	10/24/2016																							
		VMP-41-30-072712	7/27/2012																							
		VMP-41-30-072815	7/28/2015																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-041812	4/18/2012																							
		VMP-42-10-041812-Dup	4/18/2012																							
		VMP-42-10-071912	7/19/2012																							
		VMP-42-10-101212	10/12/2012																							
		VMP-42-10-013113	1/31/2013																							
		VMP-42-10-043013	4/30/2013																							
		VMP-42-20-043013	4/30/2013																							
		VMP-42-10-080213	8/2/2013																							
		VMP-42-10-102913	10/29/2013																							
		VMP-42-10-020714	2/7/2014																							
		VMP-42-10-042214	4/22/2014																							
		VMP-42-10-080614	8/6/2014																							
		VMP-42-10-110414	11/4/2014																							
		VMP-42-10-020315	2/3/2015																							
		VMP-42-10-042915	4/29/2015																							
		VMP-42-10-072115	7/21/2015																							
		VMP-42-10-102715	10/27/2015																							
		VMP-42-10-020116	2/1/2016																							
		VMP-42-10-042616	4/26/2016																							
		VMP-42-10-072616	7/26/2016																							
		VMP-42-10-102716	10/27/2016																							
	20 ft	VMP-42-20-041812	4/18/2012																							
		VMP-42-20-071912	7/19/2012																							
		VMP-42-20-101212	10/12/2012																							
		VMP-42-20-101212-Dup	10/12/2012																							
		VMP-42-20-013113	1/31/2013																							
		VMP-42-20-080213	8/2/2013																							
		VMP-42-20-102913	10/29/2013																							
		VMP-42-20-020714	2/7/2014																							
		VMP-42-20-042214	4/22/2014																							
		VMP-42-20-080614	8/6/2014																							
		VMP-42-20-110414	11/4/2014																							
		VMP-42-20-020315	2/3/2015																							
		VMP-42-20-042915	4/29/2015																							
		VMP-42-20-072115	7/21/2015																							
		VMP-42-20-102715	10/27/2015																							
		VMP-42-20-020116	2/1/2016																							
		VMP-42-20-042616	4/26/2016																							
		VMP-42-20-072616	7/26/2016																							
		VMP-42-20-102676	10/27/2016																							
	30 ft	VMP-42-30-041912	4/19/2012																							
		VMP-42-30-071912	7/19/2012																							
		VMP-42-30-101212	10/12/2012																							
		VMP-42-30-101212-Dup	10/12/2012																							
		VMP-42-30-013113	1/31/2013																							
		VMP-42-30-043013	4/30/2013																							
		VMP-42-30-080213	8/2/2013																							
		VMP-42-30-102913	10/29/2013																							
		VMP-42-30-102913-Dup	10/29/2013																							
		VMP-42-30-020714	2/7/2014																							
		VMP-42-30-020714-Dup	2/7/2014																							
		VMP-42-30-042214	4/22/2014																							
		VMP-42-30-042214-Dup	4/22/2014																							
		VMP-42-30-080614	8/6/2014																							
		VMP-42-30-110414	11/4/2014																							
		VMP-42-30-020315	2/3/2015																							
		VMP-42-30-042915	4/29/2015																							
		VMP-42-30-080315	8/3/2015																							
		VMP-42-30-080315-DUP	8/3/2015																							
		VMP-42-30-102715	10/27/2015																							
		VMP-42-30-020116	2/1/2016																							
		VMP-42-30-042616	4/26/2016																							
		VMP-42-30-072616	7/26/2016																							
		VMP-42-30-102716	10/27/2016																							
		VMP-42-30-102716-Dup	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012																							
		VMP-43-10-071912	7/19/2012																							
		VMP-43-10-101612	10/16/2012																							
		VMP-43-10-051713	5/17/2013																							
		VMP-43-10-080913	8/9/2013																							
		VMP-43-10-111313	11/13/2013																							
		VMP-43-10-022714	2/27/2014																							
		VMP-43-10-050514	5/5/2014																							
		VMP-43-10-080614	8/6/2014																							
		VMP-43-10-021015	2/10/2015																							
		VMP-43-10-050515	5/5/2015																							
		VMP-43-10-072115	7/21/2015																							
		VMP-43-10-102915	10/29/2015																							
		VMP-43-10-020116	2/1/2016																							
		VMP-43-10-042716	4/27/2016																							
		VMP-43-10-072716	7/27/2016																							
		VMP-43-10-102616	10/26/2016																							
	20 ft	VMP-43-20-041612	4/16/2012																							
		VMP-43-20-071912	7/19/2012																							
		VMP-43-20-101812	10/18/2012																							
		VMP-43-20-012413	1/24/2013																							
		VMP-43-20-043013	4/30/2013																							
		VMP-43-20-080913	8/9/2013																							
		VMP-43-20-102913	10/29/2013																							
		VMP-43-20-022714	2/27/2014																							
		VMP-43-20-081314	8/13/2014																							
		VMP-43-20-110614	11/6/2014																							
		VMP-43-20-021215	2/12/2015																							
		VMP-43-20-021215-DUP	2/12/2015																							
		VMP-43-20-050515	5/5/2015																							
		VMP-43-20-072115	7/21/2015																							
		VMP-43-20-102915	10/29/2015																							
		VMP-43-20-102915-DUP	10/29/2015																							
		VMP-43-20-020116	2/1/2016																							
		VMP-43-20-042716	4/27/2016																							
		VMP-43-20-072716	7/27/2016																							
		VMP-43-20-102616	10/26/2016																							
	30 ft	VMP-43-30-042312	4/23/2012																							
		VMP-43-30-071912	7/19/2012																							
		VMP-43-30-101812	10/18/2012																							
		VMP-43-30-012413	1/24/2013																							
		VMP-43-30-043013	4/30/2013																							
		VMP-43-30-080913	8/9/2013																							
		VMP-43-30-102913	10/29/2013																							
		VMP-43-30-022714	2/27/2014																							
		VMP-43-30-022714-Dup	2/27/2014																							
		VMP-43-30-042214	4/22/2014																							
		VMP-43-30-080614	8/6/2014																							
		VMP-43-30-050515	5/5/2015																							
		VMP-43-30-050515-DUP	5/5/2015																							
		VMP-43-30-072115	7/21/2015																							
		VMP-43-30-102915	10/29/2015																							
		VMP-43-30-020116	2/1/2016																							
		VMP-43-30-042716	4/27/2016																							
		VMP-43-30-042716-DUP	4/27/2016																							
		VMP-43-30-072716	7/27/2016																							
		VMP-43-30-102616	10/26/2016																							
		VMP-43-30-102616-Dup	10/26/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-041912	4/19/2012																							
		VMP-44-10-072012	7/20/2012																							
		VMP-44-10-081012	8/10/2012																							
		VMP-44-10-101212	10/12/2012																							
		VMP-44-10-012513	1/25/2013																							
		VMP-44-10-042913	4/29/2013																							
		VMP-44-10-080213	8/2/2013																							
		VMP-44-10-082313-R	8/23/2013																							
		VMP-44-10-111113	11/11/2013																							
		VMP-44-10-022814	2/28/2014																							
		VMP-44-10-043014	4/30/2014																							
		VMP-44-10-080614	8/6/2014																							
		VMP-44-10-110414	11/4/2014																							
		VMP-44-10-020415	2/4/2015																							
		VMP-44-10-050115	5/1/2015																							
		VMP-44-10-072415	7/24/2015																							
		VMP-44-10-102815	10/28/2015																							
		VMP-44-10-012516	1/25/2016																							
		VMP-44-10-042816	4/28/2016																							
		VMP-44-10-072716	7/27/2016																							
		VMP-44-10-102716	10/27/2016																							
	20 ft	VMP-44-20-041912	4/19/2012																							
		VMP-44-20-072512	7/25/2012																							
		VMP-44-20-101212	10/12/2012																							
		VMP-44-20-012513	1/25/2013																							
		VMP-44-20-042913	4/29/2013																							
		VMP-44-20-081313	8/13/2013																							
		VMP-44-20-111113	11/11/2013																							
		VMP-44-20-022814	2/28/2014																							
		VMP-44-20-043014	4/30/2014																							
		VMP-44-20-080614	8/6/2014																							
		VMP-44-20-110414	11/4/2014																							
		VMP-44-20-020415	2/4/2015																							
		VMP-44-20-051115	5/11/2015																							
		VMP-44-20-072415	7/24/2015																							
		VMP-44-20-102815	10/28/2015																							
		VMP-44-20-020216-R	2/2/2016																							
		VMP-44-20-042816	4/28/2016																							
		VMP-44-20-072716	7/27/2016																							
		VMP-44-20-102716	10/27/2016																							
	30 ft	VMP-44-30-041912	4/19/2012																							
		VMP-44-30-072512	7/25/2012																							
		VMP-44-30-072512-Dup	7/25/2012																							
		VMP-44-30-101512	10/15/2012																							
		VMP-44-30-101512-Dup	10/15/2012																							
		VMP-44-30-012513	1/25/2013																							
		VMP-44-30-043013	4/30/2013																							
		VMP-44-30-081313	8/13/2013																							
		VMP-44-30-111113	11/11/2013																							
		VMP-44-30-022814	2/28/2014																							
		VMP-44-30-043014	4/30/2014																							
		VMP-44-30-080614	8/6/2014																							
		VMP-44-30-110414	11/4/2014																							
		VMP-44-30-020415	2/4/2015																							
		VMP-44-30-051115	5/11/2015																							
		VMP-44-30-072415	7/24/2015																							
		VMP-44-30-102815	10/28/2015																							
		VMP-44-30-012516	1/25/2016																							
		VMP-44-30-050516	5/5/2016																							
		VMP-44-30-072716	7/27/2016																							
		VMP-44-30-102716	10/27/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-45	10 ft	VMP-45-10-041912	4/19/2012																							
		VMP-45-10-071912	7/19/2012																							
		VMP-45-10-101512	10/15/2012																							
		VMP-45-10-013013	1/30/2013																							
		VMP-45-10-042913	4/29/2013																							
		VMP-45-10-080513	8/5/2013																							
		VMP-45-10-102913	10/29/2013																							
		VMP-45-10-020714	2/7/2014																							
		VMP-45-10-042214	4/22/2014																							
		VMP-45-10-080114	8/1/2014																							
		VMP-45-10-102414	10/24/2014																							
		VMP-45-10-020615	2/6/2015																							
		VMP-45-10-051215	5/12/2015																							
		VMP-45-10-072115	7/21/2015																							
		VMP-45-10-102815	10/28/2015																							
		VMP-45-10-030916-R	3/9/2016																							
		VMP-45-10-042816	4/28/2016																							
		VMP-45-10-082616	8/26/2016																							
		VMP-45-10-102816	10/28/2016																							
	20 ft	VMP-45-20-041912	4/19/2012																							
		VMP-45-20-071912	7/19/2012																							
		VMP-45-20-101512	10/15/2012																							
		VMP-45-20-013013	1/30/2013																							
		VMP-45-20-042913	4/29/2013																							
		VMP-45-20-042913-Dup	4/29/2013																							
		VMP-45-20-080513	8/5/2013																							
		VMP-45-20-102913	10/29/2013																							
		VMP-45-20-020714	2/7/2014																							
		VMP-45-20-042214	4/22/2014																							
		VMP-45-20-080114	8/1/2014																							
		VMP-45-20-102414	10/24/2014																							
		VMP-45-20-020615	2/6/2015																							
		VMP-45-20-042915	4/29/2015																							
		VMP-45-20-072115	7/21/2015																							
		VMP-45-20-102815	10/28/2015																							
		VMP-45-20-012516	1/25/2016																							
		VMP-45-20-042816	4/28/2016																							
		VMP-45-20-072716	7/27/2016																							
		VMP-45-20-102816	10/28/2016																							
	30 ft	VMP-45-30-041912	4/19/2012																							
		VMP-45-30-071912	7/19/2012																							
		VMP-45-30-101512	10/15/2012																							
		VMP-45-30-101512-Dup	10/15/2012																							
		VMP-45-30-013013	1/30/2013																							
		VMP-45-30-042913	4/29/2013																							
		VMP-45-30-080513	8/5/2013																							
		VMP-45-30-102913	10/29/2013																							
		VMP-45-30-020714	2/7/2014																							
		VMP-45-30-042214	4/22/2014																							
		VMP-45-30-080114	8/1/2014																							
		VMP-45-30-102414	10/24/2014																							
		VMP-45-30-111214-R	11/12/2014																							
		VMP-45-30-020615	2/6/2015																							
		VMP-45-30-020615-DUP	2/6/2015																							
		VMP-45-30-042915	4/29/2015																							
		VMP-45-30-072115	7/21/2015																							
		VMP-45-30-072115-DUP	7/21/2015																							
		VMP-45-30-102815	10/28/2015																							
		VMP-45-30-012516	1/25/2016																							
		VMP-45-30-042816	4/28/2016																							
		VMP-45-30-042816-DUP	4/28/2016																							
		VMP-45-30-072716	7/27/2016																							
		VMP-45-30-102816	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013				13												39			13					
		VMP-47-5-012313-R	1/23/2013				620000						370000														
		VMP-47-5-060513	6/5/2013																								
		VMP-47-5-072613	7/26/2013																								
		VMP-47-5-110813	11/8/2013																								
		VMP-47-5-021814	2/18/2014																								
		VMP-47-5-042914	4/29/2014																								
		VMP-47-5-081314	8/13/2014																								
		VMP-47-5-093014-R	9/30/2014																								
		VMP-47-5-102814	10/28/2014																								
		VMP-47-5-020215	2/2/2015																								
		VMP-47-5-042815	4/28/2015																								
		VMP-47-5-072115	7/21/2015																								
		VMP-47-5-102715	10/27/2015																								
		VMP-47-5-012916	1/29/2016																								
		VMP-47-5-042516	4/25/2016																								
		VMP-47-5-072516	7/25/2016																								
		VMP-47-5-102616	10/26/2016																								
	10 ft	VMP-47-10-012113	1/21/2013																								
		VMP-47-10-012313-R	1/23/2013				75000						42000									27000			31000		
		VMP-47-10-060513	6/5/2013																								
		VMP-47-10-072613	7/26/2013																								
		VMP-47-10-110813	11/8/2013																								
		VMP-47-10-021814	2/18/2014																								
		VMP-47-10-042914	4/29/2014																								
		VMP-47-10-073114	7/31/2014																								
		VMP-47-10-102814	10/28/2014																								
		VMP-47-10-020215	2/2/2015																								
		VMP-47-10-042815	4/28/2015																								
		VMP-47-10-072115	7/21/2015																								
		VMP-47-10-102715	10/27/2015																								
		VMP-47-10-012916	1/29/2016																								
		VMP-47-10-042516	4/25/2016																								
		VMP-47-10-080216	8/2/2016																								
		VMP-47-10-102616	10/26/2016																								
	20 ft	VMP-47-20-012113	1/21/2013				160000						110000														
		VMP-47-20-012313-R	1/23/2013				470000						300000												240000		
		VMP-47-20-060513	6/5/2013																								
		VMP-47-20-060513-Dup	6/5/2013																								
		VMP-47-20-072613	7/26/2013																								
		VMP-47-20-110813	11/8/2013																								
		VMP-47-20-021914	2/19/2014																								
		VMP-47-20-042914	4/29/2014																								
		VMP-47-20-073114	7/31/2014																								
		VMP-47-20-102814	10/28/2014																								
		VMP-47-20-020215	2/2/2015																								
		VMP-47-20-042815	4/28/2015																								
		VMP-47-20-072115	7/21/2015																								
		VMP-47-20-102715	10/27/2015																								
		VMP-47-20-012916	1/29/2016																								
		VMP-47-20-042516	4/25/2016																								
		VMP-47-20-072516	7/25/2016																								
		VMP-47-20-102616	10/26/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-47	30 ft	VMP-47-30-012113	1/21/2013				150000						97000													
		VMP-47-30-012313-R	1/23/2013				600000						370000												290000		
		VMP-47-30-060513	6/5/2013																								
		VMP-47-30-072613	7/26/2013																								
		VMP-47-30-110813	11/8/2013																								
		VMP-47-30-021914	2/19/2014																								
		VMP-47-30-042914	4/29/2014																								
		VMP-47-30-042914-Dup	4/29/2014																								
		VMP-47-30-073114	7/31/2014																								
		VMP-47-30-073114-Dup	7/31/2014																								
		VMP-47-30-102814	10/28/2014																								
		VMP-47-30-102814-DUP	10/28/2014																								
		VMP-47-30-020215	2/2/2015																								
		VMP-47-30-020215-DUP	2/2/2015																								
		VMP-47-30-042815	4/28/2015																								
		VMP-47-30-042815-DUP	4/28/2015																								
		VMP-47-30-072115	7/21/2015																								
		VMP-47-30-102715	10/27/2015																								
		VMP-47-30-102715-DUP	10/27/2015																								
		VMP-47-30-012916-DUP	1/29/2016																								
		VMP-47-30-042516	4/25/2016																								
		VMP-47-30-042516-DUP	4/25/2016																								
		VMP-47-30-072516	7/25/2016																								
		VMP-47-30-102616	10/26/2016																								
VMP-48	5 ft	VMP-48-5-020113	2/1/2013																								
		VMP-48-5-050313	5/3/2013																								
		VMP-48-5-080613	8/6/2013																								
		VMP-48-5-110513	11/5/2013																								
		VMP-48-5-022814	2/28/2014																								
		VMP-48-5-042814	4/28/2014																								
		VMP-48-5-080114	8/1/2014																								
		VMP-48-05-102914	10/29/2014																								
		VMP-48-5-020215	2/2/2015																								
		VMP-48-5-042815	4/28/2015																								
		VMP-48-5-072115	7/21/2015																								
		VMP-48-5-102015	10/20/2015																								
		VMP-48-5-012916	1/29/2016																								
		VMP-48-5-042516	4/25/2016																								
		VMP-48-5-072516	7/25/2016																								
		VMP-48-5-102616	10/26/2016																								
	10 ft	VMP-48-10-020113	2/1/2013																								
		VMP-48-10-050813	5/8/2013																								
		VMP-48-10-080613	8/6/2013																								
		VMP-48-10-103113	10/31/2013																								
		VMP-48-10-021814	2/18/2014																								
		VMP-48-10-042814	4/28/2014																								
		VMP-48-10-080114	8/1/2014																								
		VMP-48-10-102914	10/29/2014																								
		VMP-48-10-020215	2/2/2015																								
		VMP-48-10-042815	4/28/2015																								
		VMP-48-10-042815-DUP	4/28/2015																								
		VMP-48-10-072115	7/21/2015																								
		VMP-48-10-102015	10/20/2015																								
		VMP-48-10-012916	1/29/2016																								
		VMP-48-10-042516	4/25/2016																								
		VMP-48-10-072516	7/25/2016																								
		VMP-48-10-102616	10/26/2016																								
	20 ft	VMP-48-20-020113	2/1/2013																								
		VMP-48-20-103113	10/31/2013																								
		VMP-48-20-021814	2/18/2014																								
		VMP-48-20-042814	4/28/2014																								
		VMP-48-20-080114	8/1/2014																								
		VMP-48-20-102914	10/29/2014																								
		VMP-48-20-111814-R	11/18/2014																								
		VMP-48-20-020215	2/2/2015																								
		VMP-48-20-042815	4/28/2015																								
		VMP-48-20-102015	10/20/2015																								
		VMP-48-20-042516	4/25/2016																								
		VMP-48-20-102616	10/26/2016																								

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-48	30 ft	VMP-48-30-020113	2/1/2013																							
		VMP-48-30-020113-DUP	2/1/2013																							
		VMP-48-30-050313	5/3/2013																							
		VMP-48-30-080613	8/6/2013																							
		VMP-48-30-110513	11/5/2013																							
		VMP-48-30-021814	2/18/2014																							
		VMP-48-30-042814	4/28/2014																							
		VMP-48-30-042814-DUP	4/28/2014																							
		VMP-48-30-080114	8/1/2014																							
		VMP-48-30-080114-Dup	8/1/2014																							
		VMP-48-30-102914	10/29/2014																							
		VMP-48-30-111814-R	11/18/2014																							
		VMP-48-30-020215	2/2/2015																							
		VMP-48-30-042815	4/28/2015																							
		VMP-48-30-080315	8/3/2015																							
		VMP-48-30-102015	10/20/2015																							
		VMP-48-30-102015-DUP	10/20/2015																							
		VMP-48-30-012916	1/29/2016																							
		VMP-48-30-042516	4/25/2016																							
		VMP-48-30-042516-DUP	4/25/2016																							
		VMP-48-30-072516	7/25/2016																							
		VMP-48-30-102616	10/26/2016																							
		VMP-48-30-102616-Dup	10/26/2016																							
VMP-49	5 ft	VMP-49-5-020113	2/1/2013																							
		VMP-49-5-050713	5/7/2013																							
		VMP-49-5-080613	8/6/2013																							
		VMP-49-5-111113	11/11/2013																							
		VMP-49-5-021814	2/18/2014																							
		VMP-49-5-042814	4/28/2014																							
		VMP-49-5-080114	8/1/2014																							
		VMP-49-5-102914	10/29/2014																							
		VMP-49-5-102914-DUP	10/29/2014																							
		VMP-49-5-020215	2/3/2015																							
		VMP-49-5-042815	4/28/2015																							
		VMP-49-5-073015	7/30/2015																							
		VMP-49-5-110315	11/3/2015																							
		VMP-49-5-020116	2/1/2016																							
		VMP-49-5-042616	4/26/2016																							
		VMP-49-5-080116	8/1/2016																							
		VMP-49-5-102716	10/27/2016																							
	10 ft	VMP-49-10-020113	2/1/2013																							
		VMP-49-10-050713	5/7/2013																							
		VMP-49-10-050713-Dup	5/7/2013																							
		VMP-49-10-080613	8/6/2013																							
		VMP-49-10-103113	10/31/2013																							
		VMP-49-10-021814	2/18/2014																							
		VMP-49-10-042814	4/28/2014																							
		VMP-49-10-080114	8/1/2014																							
		VMP-49-10-102914	10/29/2014																							
		VMP-49-10-020215	2/3/2015																							
		VMP-49-10-042815	4/28/2015																							
		VMP-49-10-073015	7/30/2015																							
		VMP-49-10-110315	11/3/2015																							
		VMP-49-10-020116	2/1/2016																							
		VMP-49-10-042616	4/26/2016																							
		VMP-49-10-080116	8/1/2016																							
		VMP-49-10-102716	10/27/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-49	20 ft	VMP-49-20-020113	2/1/2013																							
		VMP-49-20-050913	5/9/2013																							
		VMP-49-20-080613	8/6/2013																							
		VMP-49-20-080613-Dup	8/6/2013																							
		VMP-49-20-111113	11/11/2013																							
		VMP-49-20-021814	2/18/2014																							
		VMP-49-20-042814	4/28/2014																							
		VMP-49-20-080114	8/1/2014																							
		VMP-49-20-102914	10/29/2014																							
		VMP-49-20-020215	2/3/2015																							
		VMP-49-20-073015	7/30/2015																							
		VMP-49-20-110315	11/3/2015																							
		VMP-49-20-020116	2/1/2016																							
		VMP-49-20-042616	4/26/2016																							
		VMP-49-20-080116	8/1/2016																							
		VMP-49-20-102716	10/27/2016																							
	30 ft	VMP-49-30-020113	2/1/2013																							
		VMP-49-30-050813	5/8/2013																							
		VMP-49-30-080613	8/6/2013																							
		VMP-49-30-111113	11/11/2013																							
		VMP-49-30-021814	2/18/2014																							
		VMP-49-30-021814-Dup	2/18/2014																							
		VMP-49-30-042814	4/28/2014																							
		VMP-49-30-080114	8/1/2014																							
		VMP-49-30-102914	10/29/2014																							
		VMP-49-30-020215	2/3/2015																							
		VMP-49-30-042815	4/28/2015																							
		VMP-49-30-073015	7/30/2015																							
		VMP-49-30-073015-DUP	7/30/2015																							
		VMP-49-30-110315	11/3/2015																							
		VMP-49-30-110315-DUP	11/3/2015																							
		VMP-49-30-020116	2/1/2016																							
		VMP-49-30-020116-DUP	2/1/2016																							
		VMP-49-30-042716	4/27/2016																							
		VMP-49-30-042716-DUP	4/27/2016																							
		VMP-49-30-080116	8/1/2016																							
		VMP-49-30-080116-DUP	8/1/2016																							
		VMP-49-30-102716	10/27/2016																							
VMP-50	5 ft	VMP-50-5-020113	2/1/2013																							
		VMP-50-5-050713	5/7/2013																							
		VMP-50-5-080713	8/7/2013																							
		VMP-50-5-110713	11/7/2013																							
		VMP-50-5-022614	2/26/2014																							
		VMP-50-5-043014	4/30/2014																							
		VMP-50-5-081414	8/14/2014																							
		VMP-50-5-110614	11/6/2014																							
		VMP-50-5-021015	2/10/2015																							
		VMP-50-5-050515	5/5/2015																							
		VMP-50-5-073015	7/30/2015																							
		VMP-50-5-110315	11/3/2015																							
		VMP-50-5-020216	2/2/2016																							
		VMP-50-5-050316	5/3/2016																							
		VMP-50-5-080216	8/2/2016																							
		VMP-50-5-103116	10/31/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-50	10 ft	VMP-50-10-020113	2/1/2013																							
		VMP-50-10-050713	5/7/2013																							
		VMP-50-10-080713	8/7/2013																							
		VMP-50-10-080713-Dup	8/7/2013																							
		VMP-50-10-110713	11/7/2013																							
		VMP-50-10-022614	2/26/2014																							
		VMP-50-10-043014	4/30/2014																							
		VMP-50-10-081414	8/14/2014																							
		VMP-50-10-110614	11/6/2014																							
		VMP-50-10-021015	2/10/2015																							
		VMP-50-10-050515	5/5/2015																							
		VMP-50-10-073015	7/30/2015																							
		VMP-50-10-110315	11/3/2015																							
		VMP-50-10-020216	2/2/2016																							
		VMP-50-10-050316	5/3/2016																							
		VMP-50-10-082616	8/26/2016																							
		VMP-50-10-103116	10/31/2016																							
	20 ft	VMP-50-20-020113	2/1/2013																							
		VMP-50-20-050713	5/7/2013																							
		VMP-50-20-080713	8/7/2013																							
		VMP-50-20-110713	11/7/2013																							
		VMP-50-20-110713-Dup	11/7/2013																							
		VMP-50-20-022614	2/26/2014																							
		VMP-50-20-043014	4/30/2014																							
		VMP-50-20-081414	8/14/2014																							
		VMP-50-20-110614	11/6/2014																							
		VMP-50-20-021015	2/10/2015																							
		VMP-50-20-050515	5/5/2015																							
		VMP-50-20-073015	7/30/2015																							
		VMP-50-20-110315	11/3/2015																							
		VMP-50-20-020216	2/2/2016																							
		VMP-50-20-050316	5/3/2016																							
		VMP-50-20-082616	8/26/2016																							
		VMP-50-20-103116	10/31/2016																							
	30 ft	VMP-50-30-020113	2/1/2013																							
		VMP-50-30-050713	5/7/2013																							
		VMP-50-30-080713	8/7/2013																							
		VMP-50-30-110713	11/7/2013																							
		VMP-50-30-022614	2/26/2014																							
		VMP-50-30-022614-Dup	2/26/2014																							
		VMP-50-30-043014	4/30/2014																							
		VMP-50-30-043014-DUP	4/30/2014																							
		VMP-50-30-081414	8/14/2014																							
		VMP-50-30-081414-Dup	8/14/2014																							
		VMP-50-30-110614	11/6/2014																							
		VMP-50-30-110614-DUP	11/6/2014																							
		VMP-50-30-021015	2/10/2015																							
		VMP-50-30-050515	5/5/2015																							
		VMP-50-30-061515-R	6/15/2015																							
		VMP-50-30-073015	7/30/2015																							
		VMP-50-30-110315	11/3/2015																							
		VMP-50-30-020216	2/2/2016																							
		VMP-50-30-020216-DUP	2/2/2016																							
		VMP-50-30-050316	5/3/2016																							
		VMP-50-30-080216	8/2/2016																							
		VMP-50-30-103116	10/31/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013																							
		VMP-51-5-050213	5/2/2013																							
		VMP-51-5-080713	8/7/2013																							
		VMP-51-5-103013	10/30/2013																							
		VMP-51-5-021814	2/18/2014																							
		VMP-51-5-042814	4/28/2014																							
		VMP-51-5-080114	8/1/2014																							
		VMP-51-05-102914	10/29/2014																							
		VMP-51-5-020315	2/3/2015																							
		VMP-51-5-042915	4/29/2015																							
		VMP-51-5-072115	7/21/2015																							
		VMP-51-5-102815	10/28/2015																							
		VMP-51-5-012516	1/25/2016																							
		VMP-51-5-042816	4/28/2016																							
		VMP-51-5-072716	7/27/2016																							
		VMP-51-5-101916	10/19/2016																							
	10 ft	VMP-51-10-020113	2/1/2013																							
		VMP-51-10-050213	5/2/2013																							
		VMP-51-10-080713	8/7/2013																							
		VMP-51-10-103013	10/30/2013																							
		VMP-51-10-021814	2/18/2014																							
		VMP-51-10-042814	4/28/2014																							
		VMP-51-10-080114	8/1/2014																							
		VMP-51-10-102914	10/29/2014																							
		VMP-51-10-020315	2/3/2015																							
		VMP-51-10-042915	4/29/2015																							
		VMP-51-10-072115	7/21/2015																							
		VMP-51-10-102815	10/28/2015																							
		VMP-51-10-012516	1/25/2016																							
		VMP-51-10-042816	4/28/2016																							
		VMP-51-10-042816-DUP	4/28/2016																							
		VMP-51-10-072716	7/27/2016																							
		VMP-51-10-101916	10/19/2016																							
	20 ft	VMP-51-20-021513-R	2/15/2013																							
		VMP-51-20-050213	5/2/2013																							
		VMP-51-20-080713	8/7/2013																							
		VMP-51-20-103013	10/30/2013																							
		VMP-51-20-021814	2/18/2014																							
		VMP-51-20-042814	4/28/2014																							
		VMP-51-20-080114	8/1/2014																							
		VMP-51-20-102914	10/29/2014																							
		VMP-51-20-020315	2/3/2015																							
		VMP-51-20-042915	4/29/2015																							
		VMP-51-20-072115	7/21/2015																							
		VMP-51-20-102815	10/28/2015																							
		VMP-51-20-012516	1/25/2016																							
		VMP-51-20-042816	4/28/2016																							
		VMP-51-20-052516-R	5/25/2016																							
		VMP-51-20-072716	7/27/2016																							
		VMP-51-20-101916-Dup	10/19/2016																							
		VMP-51-20-101916	10/19/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-51	30 ft	VMP-51-30-020413	2/4/2013																							
		VMP-51-30-020413-DUP	2/4/2013																							
		VMP-51-30-050213	5/2/2013																							
		VMP-51-30-080713	8/7/2013																							
		VMP-51-30-103013	10/30/2013																							
		VMP-51-30-021814	2/18/2014																							
		VMP-51-30-042814	4/28/2014																							
		VMP-51-30-080114	8/1/2014																							
		VMP-51-30-102914	10/29/2014																							
		VMP-51-30-102914-DUP	10/29/2014																							
		VMP-51-30-020315	2/3/2015																							
		VMP-51-30-020315-DUP	2/3/2015																							
		VMP-51-30-042915	4/29/2015																							
		VMP-51-30-042915-DUP	4/29/2015																							
		VMP-51-30-072115	7/21/2015																							
		VMP-51-30-102815	10/28/2015																							
		VMP-51-30-012516	1/25/2016																							
		VMP-51-30-012516-DUP	1/25/2016																							
		VMP-51-30-042816	4/28/2016																							
		VMP-51-30-072716	7/27/2016																							
		VMP-51-30-072716-DUP	7/27/2016																							
		VMP-51-30-101916	10/19/2016																							
VMP-52	5 ft	VMP-52-5-020413	2/4/2013																							
		VMP-52-5-050213	5/2/2013																							
		VMP-52-5-050213-Dup	5/2/2013																							
		VMP-52-5-080713	8/7/2013																							
		VMP-52-5-103013	10/30/2013																							
		VMP-52-5-022114	2/21/2014																							
		VMP-52-5-050514	5/5/2014																							
		VMP-52-5-050514-Dup	5/5/2014																							
		VMP-52-5-080114	8/1/2014																							
		VMP-52-5-103114	10/31/2014																							
		VMP-52-5-020415	2/4/2015																							
		VMP-52-5-042915	4/29/2015																							
		VMP-52-5-072715	7/27/2015																							
		VMP-52-5-102915	10/29/2015																							
		VMP-52-5-012516	1/25/2016																							
		VMP-52-5-042516	4/25/2016																							
		VMP-52-5-072716	7/27/2016																							
		VMP-52-5-102716	10/27/2016																							
	10 ft	VMP-52-10-020413	2/4/2013																							
		VMP-52-10-051613	5/16/2013																							
		VMP-52-10-080713	8/7/2013																							
		VMP-52-10-103013	10/30/2013																							
		VMP-52-10-022114	2/21/2014																							
		VMP-52-10-080114	8/1/2014																							
		VMP-52-10-103114	10/31/2014																							
		VMP-52-10-020415	2/4/2015																							
		VMP-52-10-042915	4/29/2015																							
		VMP-52-10-072715	7/27/2015																							
		VMP-52-10-102915	10/29/2015																							
		VMP-52-10-012516	1/25/2016																							
		VMP-52-10-042516	4/25/2016																							
		VMP-52-10-072716	7/27/2016																							
		VMP-52-10-102716	10/27/2016																							

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-52	20 ft	VMP-52-20-020413	2/4/2013																							
		VMP-52-20-020413-DUP	2/4/2013																							
		VMP-52-20-050213	5/2/2013																							
		VMP-52-20-080713	8/7/2013																							
		VMP-52-20-103013	10/30/2013																							
		VMP-52-20-022114	2/21/2014																							
		VMP-52-20-042914	4/29/2014																							
		VMP-52-20-082014-R	8/20/2014																							
		VMP-52-20-103114	10/31/2014																							
		VMP-52-20-020415	2/4/2015																							
		VMP-52-20-042915	4/29/2015																							
		VMP-52-20-072715	7/27/2015																							
		VMP-52-20-102915	10/29/2015																							
		VMP-52-20-012516	1/25/2016																							
		VMP-52-20-042516	4/25/2016																							
		VMP-52-20-072716	7/27/2016																							
		VMP-52-20-102716	10/27/2016																							
	30 ft	VMP-52-30-020413	2/4/2013																							
		VMP-52-30-050613	5/6/2013																							
		VMP-52-30-080713	8/7/2013																							
		VMP-52-30-103013	10/30/2013																							
		VMP-52-30-022114	2/21/2014																							
		VMP-52-30-022114-Dup	2/21/2014																							
		VMP-52-30-042914	4/29/2014																							
		VMP-52-30-042914-DUP	4/29/2014																							
		VMP-52-30-080114	8/1/2014																							
		VMP-52-30-080114-Dup	8/1/2014																							
		VMP-52-30-103114	10/31/2014																							
		VMP-52-30-020415	2/4/2015																							
		VMP-52-30-020415-DUP	2/4/2015																							
		VMP-52-30-042915	4/29/2015																							
		VMP-52-30-072715	7/27/2015																							
		VMP-52-30-102915	10/29/2015																							
		VMP-52-30-020216-R	2/2/2016																							
		VMP-52-30-042516	4/25/2016																							
		VMP-52-30-072716	7/27/2016																							
		VMP-52-30-102716	10/27/2016																							
VMP-53	5 ft	VMP-53-5-020513	2/5/2013																							
		VMP-53-5-050213	5/2/2013																							
		VMP-53-5-071113-R	7/11/2013																							
		VMP-53-5-080613	8/6/2013																							
		VMP-53-5-103013	10/30/2013																							
		VMP-53-5-022114	2/21/2014																							
		VMP-53-5-042514	4/25/2014																							
		VMP-53-5-073014	7/30/2014																							
		VMP-53-5-102914	10/29/2014																							
		VMP-53-5-020415	2/4/2015																							
		VMP-53-5-050415	5/4/2015																							
		VMP-53-5-072415	7/24/2015																							
		VMP-53-5-102815	10/28/2015																							
		VMP-53-5-012816	1/28/2016																							
		VMP-53-5-042816	4/28/2016																							
		VMP-53-5-072916	7/29/2016																							
		VMP-53-5-102516	10/25/2016																							
		VMP-53-5-120916	12/9/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-53	10 ft	VMP-53-10-020513	2/5/2013																							
		VMP-53-10-020513-DUP	2/5/2013																							
		VMP-53-10-050313	5/3/2013																							
		VMP-53-10-071113-R	7/11/2013																							
		VMP-53-10-080613	8/6/2013																							
		VMP-53-10-080613-Dup	8/6/2013																							
		VMP-53-10-103013	10/30/2013																							
		VMP-53-10-022114	2/21/2014																							
		VMP-53-10-042514	4/25/2014																							
		VMP-53-10-073014	7/30/2014																							
		VMP-53-10-102914	10/29/2014																							
		VMP-53-10-020415	2/4/2015																							
		VMP-53-10-050415	5/4/2015																							
		VMP-53-10-072415	7/24/2015																							
		VMP-53-10-102815	10/28/2015																							
		VMP-53-10-012816	1/28/2016																							
		VMP-53-10-042816	4/28/2016																							
		VMP-53-10-082616	8/26/2016																							
		VMP-53-10-102516	10/25/2016																							
		VMP-53-10-120916	12/9/2016																							
	20 ft	VMP-53-20-020513	2/5/2013																							
		VMP-53-20-050313	5/3/2013																							
		VMP-53-20-071113-R	7/11/2013																							
		VMP-53-20-080613	8/6/2013																							
		VMP-53-20-103013	10/30/2013																							
		VMP-53-20-103013-Dup	10/30/2013																							
		VMP-53-20-022114	2/21/2014																							
		VMP-53-20-042514	4/25/2014																							
		VMP-53-20-073014	7/30/2014																							
		VMP-53-20-102914	10/29/2014																							
		VMP-53-20-020415	2/4/2015																							
		VMP-53-20-050415	5/4/2015																							
		VMP-53-20-072415	7/24/2015																							
		VMP-53-20-102815	10/28/2015																							
		VMP-53-20-021616	2/16/2016																							
		VMP-53-20-042816	4/28/2016																							
		VMP-53-20-072916	7/29/2016																							
		VMP-53-20-102516	10/25/2016																							
		VMP-53-20-120916	12/9/2016																							
	30 ft	VMP-53-30-020513	2/5/2013																							
		VMP-53-30-050313	5/3/2013																							
		VMP-53-30-071113-R	7/11/2013																							
		VMP-53-30-080613	8/6/2013																							
		VMP-53-30-103013	10/30/2013																							
		VMP-53-30-022114	2/21/2014																							
		VMP-53-30-042514	4/25/2014																							
		VMP-53-30-042514-DUP	4/25/2014																							
		VMP-53-30-073014	7/30/2014																							
		VMP-53-30-073014-Dup	7/30/2014																							
		VMP-53-30-102914	10/29/2014																							
		VMP-53-30-020415	2/4/2015																							
		VMP-53-30-050415	5/4/2015																							
		VMP-53-30-072415	7/24/2015																							
		VMP-53-30-102815	10/28/2015																							
		VMP-53-30-012816	1/28/2016																							
		VMP-53-30-042816	4/28/2016																							
		VMP-53-30-052516-R	5/25/2016																							
		VMP-53-30-072916	7/29/2016																							
		VMP-53-30-102516	10/25/2016																							
		VMP-53-30-120916	12/9/2016																							

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-020613	2/6/2013																							
		VMP-54-5-050213	5/2/2013																							
		VMP-54-5-080613	8/6/2013																							
		VMP-54-5-103013	10/30/2013																							
		VMP-54-5-021014	2/10/2014																							
		VMP-54-5-042514	4/25/2014																							
		VMP-54-5-073014	7/30/2014																							
		VMP-54-5-102914	10/29/2014																							
		VMP-54-5-020515	2/5/2015																							
		VMP-54-5-050415	5/4/2015																							
		VMP-54-5-072415	7/24/2015																							
		VMP-54-5-102715	10/27/2015																							
		VMP-54-5-012816	1/28/2016																							
		VMP-54-5-042916	4/29/2016																							
		VMP-54-5-080116	8/1/2016																							
		VMP-54-5-102816	10/28/2016																							
	10 ft	VMP-54-10-020613	2/6/2013																							
		VMP-54-10-050213	5/2/2013																							
		VMP-54-10-080613	8/6/2013																							
		VMP-54-10-103013	10/30/2013																							
		VMP-54-10-021014	2/10/2014																							
		VMP-54-10-050814-R	5/8/2014																							
		VMP-54-10-073014	7/30/2014																							
		VMP-54-10-102914	10/29/2014																							
		VMP-54-10-020515	2/5/2015																							
		VMP-54-10-050415	5/4/2015																							
		VMP-54-10-072415	7/24/2015																							
		VMP-54-10-102715	10/27/2015																							
		VMP-54-10-012816	1/28/2016																							
		VMP-54-10-042916	4/29/2016																							
		VMP-54-10-080116	8/1/2016																							
		VMP-54-10-102816	10/28/2016																							
	20 ft	VMP-54-20-020613	2/6/2013																							
		VMP-54-20-020613-DUP	2/6/2013																							
		VMP-54-20-050213	5/2/2013																							
		VMP-54-20-080613	8/6/2013																							
		VMP-54-20-103013	10/30/2013																							
		VMP-54-20-021014	2/10/2014																							
		VMP-54-20-042514	4/25/2014																							
		VMP-54-20-073014	7/30/2014																							
		VMP-54-20-102914	10/29/2014																							
		VMP-54-20-020515	2/5/2015																							
		VMP-54-20-050415	5/4/2015																							
		VMP-54-20-072415	7/24/2015																							
		VMP-54-20-102715	10/27/2015																							
		VMP-54-20-102715-DUP	10/27/2015																							
		VMP-54-20-012816	1/28/2016																							
		VMP-54-20-050516	5/5/2016																							
		VMP-54-20-050516-DUP	5/5/2016																							
		VMP-54-20-080116	8/1/2016																							
		VMP-54-20-102816	10/28/2016																							
	30 ft	VMP-54-30-020613	2/6/2013																							
		VMP-54-30-020613-DUP	2/6/2013																							
		VMP-54-30-050213	5/2/2013																							
		VMP-54-30-050213-Dup	5/2/2013																							
		VMP-54-30-103013	10/30/2013																							
		VMP-54-30-021014	2/10/2014																							
		VMP-54-30-042514	4/25/2014																							
		VMP-54-30-073014	7/30/2014																							
		VMP-54-30-110614-R	11/6/2014																							
		VMP-54-30-021215	2/12/2015																							
		VMP-54-30-050415	5/4/2015																							
		VMP-54-30-080315	8/3/2015																							
		VMP-54-30-102715	10/27/2015																							
		VMP-54-30-012816	1/28/2016																							
		VMP-54-30-042916	4/29/2016																							
		VMP-54-30-042916-DUP	4/29/2016																							
		VMP-54-30-080116	8/1/2016																							
		VMP-54-30-102816	10/28/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-110414	11/4/2014																							
		VMP-55-5-110414-DUP	11/4/2014																							
		VMP-55-5-020515	2/5/2015																							
		VMP-55-5-050615	5/6/2015																							
		VMP-55-5-110215	11/2/2015																							
		VMP-55-5-020416	2/4/2016																							
		VMP-55-5-082616	8/26/2016																							
	20 ft	VMP-55-20-021513	2/15/2013																							
		VMP-55-20-050113	5/1/2013																							
		VMP-55-20-080713	8/7/2013																							
		VMP-55-20-110813	11/8/2013																							
		VMP-55-20-021814	2/18/2014																							
		VMP-55-20-050514	5/5/2014																							
		VMP-55-20-050514-Dup	5/5/2014																							
		VMP-55-20-081314	8/13/2014																							
		VMP-55-20-110414	11/4/2014																							
		VMP-55-20-020515	2/5/2015																							
		VMP-55-20-050615	5/6/2015																							
		VMP-55-20-072915	7/29/2015																							
		VMP-55-20-072915-DUP	7/29/2015																							
		VMP-55-20-110215	11/2/2015																							
		VMP-55-20-020416	2/4/2016																							
		VMP-55-20-020416-DUP	2/4/2016																							
		VMP-55-20-050416	5/4/2016																							
		VMP-55-20-080316	8/3/2016																							
		VMP-55-20-110116	11/1/2016																							
	30 ft	VMP-55-30-030915	3/9/2015																							
		VMP-55-30-050615	5/6/2015																							
		VMP-55-30-050615-DUP	5/6/2015																							
		VMP-55-30-061515-Dup-R	6/15/2015																							
		VMP-55-30-061515-R	6/15/2015																							
VMP-56	10 ft	VMP-56-10-050114	5/1/2014																							
		VMP-56-10-081214	8/12/2014																							
		VMP-56-10-110514	11/5/2014																							
		VMP-56-10-021015	2/10/2015																							
		VMP-56-10-110315	11/3/2015																							
		VMP-56-10-020416	2/4/2016																							
		VMP-56-10-050516	5/5/2016																							
		VMP-56-10-072716	7/27/2016																							
		VMP-56-10-102416	10/24/2016																							
	25 ft	VMP-56-25-050114	5/1/2014																							
		VMP-56-25-081214	8/12/2014																							
		VMP-56-25-110514	11/5/2014																							
		VMP-56-25-021015	2/10/2015																							
		VMP-56-25-050715	5/7/2015																							
		VMP-56-25-073115	7/31/2015																							
		VMP-56-25-110315	11/3/2015																							
		VMP-56-25-020416	2/4/2016																							
		VMP-56-25-050516	5/5/2016																							
		VMP-56-25-050516-DUP	5/5/2016																							
		VMP-56-25-072716	7/27/2016																							
		VMP-56-25-102416	10/24/2016																							
	38.5 ft	VMP-56-38.5-050114	5/1/2014																							
		VMP-56-38.5-081214	8/12/2014																							
		VMP-56-38.5-081214-Dup	8/12/2014																							
		VMP-56-38.5-110514	11/5/2014																							
		VMP-56-38.5-110514-DUP	11/5/2014																							
		VMP-56-38.5-021015	2/10/2015																							
		VMP-56-38.5-050715	5/7/2015																							
		VMP-56-38.5-061515-R	6/15/2015																							
		VMP-56-38.5-073115	7/31/2015																							
		VMP-56-38.5-073115-DUP	7/31/2015																							
		VMP-56-38.5-110315	11/3/2015																							
		VMP-56-38.5-110315-DUP	11/3/2015																							
		VMP-56-38.5-020416	2/4/2016																							

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-122313	12/23/2013				15									28									13		
		VMP-62-5-021014	2/10/2014																								
		VMP-62-5-042514	4/25/2014																								
		VMP-62-5-073014	7/30/2014																								
		VMP-62-5-111014-R	11/10/2014																								
		VMP-62-5-020315	2/3/2015																								
		VMP-62-5-042815	4/28/2015																								
		VMP-62-5-072415	7/24/2015																								
		VMP-62-5-102015	10/20/2015																								
		VMP-62-5-012816	1/28/2016																								
		VMP-62-5-042516	4/25/2016																								
		VMP-62-5-072616	7/26/2016																								
		VMP-62-5-102416	10/24/2016																								
	10 ft	VMP-62-10-122313	12/23/2013																								
		VMP-62-10-021014	2/10/2014																								
		VMP-62-10-042514	4/25/2014																								
		VMP-62-10-073014	7/30/2014																								
		VMP-62-10-102814	10/28/2014																								
		VMP-62-10-020315	2/3/2015																								
		VMP-62-10-042815	4/28/2015																								
		VMP-62-10-072415	7/24/2015																								
		VMP-62-10-102015	10/20/2015																								
		VMP-62-10-012816	1/28/2016																								
		VMP-62-10-042516	4/25/2016																								
		VMP-62-10-072616	7/26/2016																								
		VMP-62-10-102416	10/24/2016																								
	20 ft	VMP-62-20-122313	12/23/2013																								
		VMP-62-20-122313-Dup	12/23/2013																								
		VMP-62-20-021014	2/10/2014																								
		VMP-62-20-042514	4/25/2014																								
		VMP-62-20-073014	7/30/2014																								
		VMP-62-20-102814	10/28/2014																								
		VMP-62-20-020315	2/3/2015																								
		VMP-62-20-042815	4/28/2015																								
		VMP-62-20-072415	7/24/2015																								
		VMP-62-20-102015	10/20/2015																								
		VMP-62-20-012816	1/28/2016																								
		VMP-62-20-042516	4/25/2016																								
		VMP-62-20-072616	7/26/2016																								
		VMP-62-20-102416	10/24/2016																								
	30 ft	VMP-62-30-122313	12/23/2013													6.2											
		VMP-62-30-122313-Dup	12/23/2013				6.6									7.4											
		VMP-62-30-021014	2/10/2014																								
		VMP-62-30-042514	4/25/2014																								
		VMP-62-30-073014	7/30/2014																								
		VMP-62-30-073014-Dup	7/30/2014																								
		VMP-62-30-102814	10/28/2014																								
		VMP-62-30-020315	2/3/2015																								
		VMP-62-30-042815	4/28/2015																								
		VMP-62-30-072415	7/24/2015																								
		VMP-62-30-102015	10/20/2015																								
		VMP-62-30-012816	1/28/2016																								
		VMP-62-30-012816-DUP	1/28/2016																								
		VMP-62-30-042516	4/25/2016																								
		VMP-62-30-072616	7/26/2016																								
		VMP-62-30-072616-DUP	7/26/2016																								
		VMP-62-30-102416	10/24/2016																								
		VMP-62-30-102416-Dup	10/24/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-121113	12/11/2013													130			90								
		VMP-63-5-022814	2/28/2014																								
		VMP-63-5-042514	4/25/2014																								
		VMP-63-5-073014	7/30/2014																								
		VMP-63-5-102814	10/28/2014																								
		VMP-63-5-020315	2/3/2015																								
		VMP-63-5-042815	4/28/2015																								
		VMP-63-5-072415	7/24/2015																								
		VMP-63-5-102615	10/26/2015																								
		VMP-63-5-012816	1/28/2016																								
		VMP-63-5-042616	4/26/2016																								
		VMP-63-5-072516	7/25/2016																								
		VMP-63-5-102416	10/24/2016																								
	10 ft	VMP-63-10-121113	12/11/2013																								
		VMP-63-10-020714	2/7/2014																								
		VMP-63-10-042514	4/25/2014																								
		VMP-63-10-073014	7/30/2014																								
		VMP-63-10-102814	10/28/2014																								
		VMP-63-10-020315	2/3/2015																								
		VMP-63-10-042815	4/28/2015																								
		VMP-63-10-072415	7/24/2015																								
		VMP-63-10-102615	10/26/2015																								
		VMP-63-10-012816	1/28/2016																								
		VMP-63-10-042616	4/26/2016																								
		VMP-63-10-072516	7/25/2016																								
		VMP-63-10-102416	10/24/2016																								
	20 ft	VMP-63-20-121213	12/12/2013													66			46								
		VMP-63-20-020714	2/7/2014																								
		VMP-63-20-042514	4/25/2014																								
		VMP-63-20-073014	7/30/2014																								
		VMP-63-20-102814	10/28/2014																								
		VMP-63-20-102814-DUP	10/28/2014																								
		VMP-63-20-020315	2/3/2015																								
		VMP-63-20-020315-DUP	2/3/2015																								
		VMP-63-20-042815	4/28/2015																								
		VMP-63-20-072415	7/24/2015																								
		VMP-63-20-102615	10/26/2015																								
		VMP-63-20-012816	1/28/2016																								
		VMP-63-20-042616	4/26/2016																								
		VMP-63-20-042616-DUP	4/26/2016																								
		VMP-63-20-072516	7/25/2016																								
		VMP-63-20-102416	10/24/2016																								
	30 ft	VMP-63-30-121113	12/11/2013										65			90			68			20					
		VMP-63-30-020714	2/7/2014																								
		VMP-63-30-042514	4/25/2014																								
		VMP-63-30-042514-DUP	4/25/2014																								
		VMP-63-30-073014	7/30/2014																								
		VMP-63-30-102814	10/28/2014																								
		VMP-63-30-020315	2/3/2015																								
		VMP-63-30-042815	4/28/2015																								
		VMP-63-30-072415	7/24/2015																								
		VMP-63-30-102615	10/26/2015																								
		VMP-63-30-102615-DUP	10/26/2015																								
		VMP-63-30-012816	1/28/2016																								
		VMP-63-30-042616	4/26/2016																								
		VMP-63-30-072516	7/25/2016																								
		VMP-63-30-072516-DUP	7/25/2016																								
		VMP-63-30-102416	10/24/2016																								

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	Octane, 3,4-dimethyl-			Pentane, 2-methyl-			Pentane, 2,2,3-trimethyl-			Pentane, 2,3-dimethyl-			Pentane, 2,3,3-trimethyl-			Pentane, 2,3,4-trimethyl-			Pentane, 2,4-dimethyl-			Pentane, 3-methyl-		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-122313	12/23/2013	72																							
		VMP-64-5-022814	2/28/2014																								
		VMP-64-5-042514	4/25/2014																								
		VMP-64-5-073114	7/31/2014																								
		VMP-64-5-102814	10/28/2014																								
		VMP-64-5-020315	2/3/2015																								
		VMP-64-5-042815	4/28/2015																								
		VMP-64-5-072415	7/24/2015																								
		VMP-64-5-102615	10/26/2015																								
		VMP-64-5-012816	1/28/2016																								
		VMP-64-5-042616	4/26/2016																								
		VMP-64-5-080216	8/2/2016																								
		VMP-64-5-080216-DUP	8/2/2016																								
		VMP-64-5-102416	10/24/2016																								
	10 ft	VMP-64-10-122313	12/23/2013																								
		VMP-64-10-021014	2/10/2014																								
		VMP-64-10-042514	4/25/2014																								
		VMP-64-10-073114	7/31/2014																								
		VMP-64-10-102814	10/28/2014																								
		VMP-64-10-020315	2/3/2015																								
		VMP-64-10-042815	4/28/2015																								
		VMP-64-10-072415	7/24/2015																								
		VMP-64-10-102615	10/26/2015																								
		VMP-64-10-012816	1/28/2016																								
		VMP-64-10-042616	4/26/2016																								
		VMP-64-10-072216	7/22/2016																								
		VMP-64-10-102416	10/24/2016																								
	20 ft	VMP-64-20-122313	12/23/2013																								
		VMP-64-20-122313-Dup	12/23/2013																								
		VMP-64-20-021014	2/10/2014																								
		VMP-64-20-042514	4/25/2014																								
		VMP-64-20-073114	7/31/2014																								
		VMP-64-20-102814	10/28/2014																								
		VMP-64-20-020315	2/3/2015																								
		VMP-64-20-042815	4/28/2015																								
		VMP-64-20-072415	7/24/2015																								
		VMP-64-20-102615	10/26/2015																								
		VMP-64-20-012816	1/28/2016																								
		VMP-64-20-042616	4/26/2016																								
		VMP-64-20-042616-DUP	4/26/2016																								
		VMP-64-20-072216	7/22/2016																								
		VMP-64-20-072216-DUP	7/22/2016																								
		VMP-64-20-102416	10/24/2016																								
		VMP-64-20-102416-Dup	10/24/2016																								

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5	11/2/2009												
		VMP-1-5-082510	8/25/2010												
		VMP-1-5-111710	11/17/2010												
		VMP-1-5-020411	2/4/2011												
		VMP-1-5-041211	4/12/2011												
		VMP-1-5-080111	8/1/2011												
		VMP-1-5-110311	11/3/2011												
		VMP-1-5-013012	1/30/2012												
		VMP-1-5-041312	4/13/2012												
		VMP-1-5-071612	7/16/2012												
		VMP-1-5-101112	10/11/2012												
		VMP-1-5-012113	1/21/2013										1900		
		VMP-1-5-012313-R	1/23/2013							240000			340000		
		VMP-1-5-050813	5/8/2013												
		VMP-1-5-072913	7/29/2013												
		VMP-1-5-072913-Dup	7/29/2013												
		VMP-1-5-110413	11/4/2013												
		VMP-1-5-020714	2/7/2014												
		VMP-1-5-043014	4/30/2014												
		VMP-1-5-080714	8/7/2014												
		VMP-1-5-103114	10/31/2014												
		VMP-1-5-020915	2/9/2015												
		VMP-1-5-050515	5/5/2015												
		VMP-1-5-073015	7/30/2015												
		VMP-1-5-110315	11/3/2015												
		VMP-1-5-020316	2/3/2016												
		VMP-1-5-050316	5/3/2016												
		VMP-1-5-072516	7/25/2016												
		VMP-1-5-102816	10/28/2016												
	8.5 ft	VMP-1-8.5	11/2/2009												
		VMP-1-8.5-082510	8/25/2010												
		VMP-1-8.5-111710	11/17/2010												
		VMP-1-8.5-111710-Dup	11/17/2010												
		VMP-1-8.5-020411	2/4/2011												
		VMP-1-8.5-041211	4/12/2011												
		VMP-1-8.5-080111	8/1/2011												
		VMP-1-8.5-080111-Dup	8/1/2011												
		VMP-1-8.5-110311	11/3/2011												
		VMP-1-8.5-013012	1/30/2012												
		VMP-1-8.5-041612	4/16/2012												
		VMP-1-8.5-041612-Dup	4/16/2012												
		VMP-1-8.5-071612	7/16/2012												
		VMP-1-8.5-101112	10/11/2012												
		VMP-1-8.5-012113	1/21/2013							3800			4600		
		VMP-1-8.5-012313-R	1/23/2013							11000			15000		
		VMP-1-8.5-050813	5/8/2013												
		VMP-1-8.5-072913	7/29/2013												
		VMP-1-8.5-110413	11/4/2013												
		VMP-1-8.5-020714	2/7/2014												
		VMP-1-8.5-043014	4/30/2014												
		VMP-1-8.5-080714	8/7/2014												
		VMP-1-8.5-103114	10/31/2014												
		VMP-1-8-020915	2/9/2015												
		VMP-1-8.5-050515	5/5/2015												
		VMP-1-8.5-073015	7/30/2015												
		VMP-1-8.5-110315	11/3/2015												
		VMP-1-8.5-020316	2/3/2016												
		VMP-1-8.5-050316	5/3/2016												
		VMP-1-8.5-072516	7/25/2016												
		VMP-1-8.5-102816	10/28/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-1	23.5 ft	VMP-1-23.5	11/2/2009												
		VMP - 1 - 23.5 - 083010	8/30/2010												
		VMP-1-23.5-111810	11/17/2010												
		VMP-1-23.5-020411	2/4/2011												
		VMP-1-23.5-041211	4/12/2011												
		VMP-1-23.5-041211-DUP	4/12/2011												
		VMP-1-23.5-080111	8/1/2011												
		VMP-1-23.5-110611	11/6/2011												
		VMP-1-23.5-013112	1/31/2012												
		VMP-1-23.5-041612	4/16/2012												
		VMP-1-23.5-071612	7/16/2012												
		VMP-1-23.5-102412	10/24/2012												
		VMP-1-23.5-012113	1/21/2013												
		VMP-1-23.5-012313-R	1/23/2013							1300000			1600000		
		VMP-1-23.5-050813	5/8/2013												
		VMP-1-23.5-050813-Dup	5/8/2013												
		VMP-1-23.5-072913	7/29/2013												
		VMP-1-23.5-110413	11/4/2013												
		VMP-1-23.5-020714	2/7/2014												
		VMP-1-23.5-043014	4/30/2014												
		VMP-1-23.5-080714	8/7/2014												
		VMP-1-23.5-103114	10/31/2014												
		VMP-1-23.5-020915	2/9/2015												
		VMP-1-23.5-050515	5/5/2015												
		VMP-1-23.5-073015	7/30/2015												
		VMP-1-23.5-110315	11/3/2015												
		VMP-1-23.5-020316	2/3/2016												
		VMP-1-23.5-050316	5/3/2016												
		VMP-1-23.5-050316-DUP	5/3/2016												
		VMP-1-23.5-072516	7/25/2016												
		VMP-1-23.5-072516-DUP	7/25/2016												
		VMP1-23.5-102816	10/28/2016												
	38.5 ft	VMP-1-38.5	11/2/2009												
		VMP-1-38.5-073112	7/31/2012												
		VMP-1-38.5-102612	10/26/2012												
		VMP-1-38.5-012113	1/21/2013										680		J
		VMP-1-38.5-012313-R	1/23/2013							760000			1000000		
		VMP-1-38.5-050913	5/9/2013												
		VMP-1-38.5-020714	2/7/2014												
		VMP-1-38.5-020714-Dup	2/7/2014												
		VMP-1-38.5-043014	4/30/2014												
		VMP-1-38.5-080714	8/7/2014												
		VMP-1-38.5-103114	10/31/2014												
		VMP-1-38.5-020915	2/9/2015												
		VMP-1-38.5-020915-DUP	2/9/2015												
		VMP-1-38.5-050515	5/5/2015												
		VMP-1-38.5-061515-R	6/15/2015												
		VMP-1-38.5-073015	7/30/2015												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-2	5 ft	VMP-2-5	11/2/2009												
		VMP - 2 - 5 - 083110	8/31/2010												
		VMP-2-5-111610	11/16/2010												
		VMP-2-5-020411	2/4/2011												
		VMP-2-5-041311	4/13/2011												
		VMP-2-5-080211	8/2/2011												
		VMP-2-5-110711	11/7/2011												
		VMP-2-5-012512	1/25/2012												
		VMP-2-5-042512	4/25/2012												
		VMP-2-5-071612	7/16/2012												
		VMP-2-5-102412	10/24/2012												
		VMP-2-5-013113	1/31/2013												
		VMP-2-5-050613	5/6/2013												
		VMP-2-5-022614	2/26/2014												
		VMP-2-5-050114	5/1/2014												
		VMP-2-5-111014	11/10/2014												
		VMP-2-5-021015	2/10/2015												
		VMP-2-5-050615	5/6/2015												
		VMP-2-5-110415	11/4/2015												
		VMP-2-5-020116	2/1/2016												
		VMP-2-5-042716	4/27/2016												
		VMP-2-5-072616	7/26/2016												
		VMP-2-5-102616	10/26/2016												
	8.5 ft	VMP-2-8.5	11/3/2009												
		VMP-2-8.5-D	11/3/2009												
		VMP - 2 - 8.5 - 083110	8/31/2010												
		VMP-2-8.5-111610	11/16/2010												
		VMP-2-8.5-020411	2/4/2011												
		VMP-2-8.5-041311	4/13/2011												
		VMP-2-8.5-080211	8/2/2011												
		VMP-2-8.5-110711	11/7/2011												
		VMP-2-8.5-012612	1/26/2012												
		VMP-2-8.5-012612-DUP	1/26/2012												
		VMP-2-8.5-041612	4/16/2012												
		VMP-2-8.5-041612-Dup	4/16/2012												
		VMP-2-8.5-071612	7/16/2012												
		VMP-2-8.5-071612-Dup	7/16/2012												
		VMP-2-8.5-102312	10/23/2012												
		VMP-2-8.5-020513	2/5/2013												
		VMP-2-8.5-050613	5/6/2013												
		VMP-2-8.5-050613-Dup	5/6/2013												
		VMP-2-8.5-022614	2/26/2014												
		VMP-2-8.5-050114	5/1/2014												
		VMP-2-8.5-081514	8/15/2014												
		VMP-2-8.5-081514-DUP	8/15/2014												
		VMP-2-8.5-111014	11/10/2014												
		VMP-2-8.5-021015	2/10/2015												
		VMP-2-8.5-050615	5/6/2015												
		VMP-2-8.5-110415	11/4/2015												
		VMP-2-8.5-021616	2/16/2016												
		VMP-2-8.5-042716	4/27/2016												
		VMP-2-8.5-072616	7/26/2016												
		VMP-2-8.5-102616	10/26/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-2	22 ft	VMP-2-22	11/3/2009												
		VMP - 2 - 22 - 083110	8/31/2010												
		VMP-2-22-111610	11/16/2010												
		VMP-2-22-020411	2/4/2011												
		VMP-2-22-041311	4/13/2011												
		VMP-2-22-080211	8/2/2011												
		VMP-2-22-110711	11/7/2011												
		VMP-2-22-012612	1/26/2012												
		VMP-2-22-042712	4/27/2012												
		VMP-2-22-071612	7/16/2012												
		VMP-2-22-102312	10/23/2012												
		VMP-2-22-013113	1/31/2013												
		VMP-2-22-050613	5/6/2013												
		VMP-2-22-081213	8/12/2013												
		VMP-2-22-111513	11/15/2013												
		VMP-2-22-022614	2/26/2014												
		VMP-2-22-050114	5/1/2014												
		VMP-2-22-081414	8/14/2014												
		VMP-2-22-111014	11/10/2014												
		VMP-2-22-021015	2/10/2015												
		VMP-2-22-021015-DUP	2/10/2015												
		VMP-2-22-050615	5/6/2015												
		VMP-2-22-073015	7/30/2015												
		VMP-2-22-110415	11/4/2015												
		VMP-2-22-020116	2/1/2016												
		VMP-2-22-020116-DUP	2/1/2016												
		VMP-2-22-042716	4/27/2016												
		VMP-2-22-072616	7/26/2016												
		VMP-2-22-102616	10/26/2016												
	42 ft	VMP-2-42	11/3/2009												
		VMP-2-42-013113	1/31/2013												
		VMP-2-42-050613	5/6/2013												
		VMP-2-42-022614	2/26/2014												
		VMP-2-42-050114	5/1/2014												
		VMP-2-42-081414	8/14/2014												
		VMP-2-42-021015	2/10/2015												
		VMP-2-42-050615	5/6/2015												
		VMP-2-42-061515-R	6/15/2015												
		VMP-2-42-073015	7/30/2015												
VMP-3	5 ft	VMP-3-5	11/3/2009												
		VMP-3-5-090910	9/9/2010												
		VMP-3-5-112210	11/22/2010												
		VMP-3-5-020911	2/9/2011												
		VMP-3-5-041411	4/14/2011												
		VMP-3-5-080211	8/2/2011												
		VMP-3-5-110811	11/8/2011												
		VMP-3-5-110811-DUP	11/8/2011												
		VMP-3-5-012712	1/27/2012												
		VMP-3-5-041912	4/19/2012												
		VMP-3-5-072712	7/27/2012												
		VMP-3-5-060413	6/4/2013												
		VMP-3-5-072913	7/29/2013												
		VMP-3-5-110613	11/6/2013												
		VMP-3-5-021314	2/13/2014												
		VMP-3-5-050214	5/2/2014												
		VMP-3-5-081214	8/12/2014												
		VMP-3-5-103114	10/31/2014												
		VMP-3-5-020915	2/9/2015												
		VMP-3-5-050415	5/4/2015												
		VMP-3-5-072915	7/29/2015												
		VMP-3-5-110515	11/5/2015												
		VMP-3-5-021616	2/16/2016												
		VMP-3-5-042716	4/27/2016												
		VMP-3-5-080116	8/1/2016												
		VMP-3-5-102616	10/26/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10	6/21/2010												
		VMP 3-10-091010	9/10/2010												
		VMP-3-10-092010	9/20/2010												
		VMP-3-10-112210	11/22/2010												
		VMP-3-10-112210-Dup	11/22/2010												
		VMP-3-10-020811	2/8/2011												
		VMP-3-10-041311	4/13/2011												
		VMP-3-10-080311	8/3/2011												
		VMP-3-10-110811	11/8/2011												
		VMP-3-10-012712	1/27/2012												
		VMP-3-10-042012	4/20/2012												
		VMP-3-10-072312	7/23/2012												
		VMP-3-10-101812	10/18/2012												
		VMP-3-10-020613	2/6/2013												
		VMP-3-10-060413	6/4/2013												
		VMP-3-10-072913	7/29/2013												
		VMP-3-10-110613	11/6/2013												
		VMP-3-10-022814	2/28/2014												
		VMP-3-10-022814-Dup	2/28/2014												
		VMP-3-10-050214	5/2/2014												
		VMP-3-10-081214	8/12/2014												
		VMP-3-10-103114	10/31/2014												
		VMP-3-10-020915	2/9/2015												
		VMP-3-10-050415	5/4/2015												
		VMP-3-10-072915	7/29/2015												
		VMP-3-10-110315	11/3/2015												
		VMP-3-10-021616	2/16/2016												
		VMP-3-10-042716	4/27/2016												
		VMP-3-10-080216	8/2/2016												
		VMP-3-10-102616	10/26/2016												
	22 ft	VMP-3-22	11/4/2009												
		VMP-3-22-092010	9/20/2010												
		VMP-3-22-112210	11/22/2010												
		VMP-3-22-020811	2/8/2011												
		VMP-3-22-041511	4/15/2011												
		VMP-3-22-080611	8/6/2011												
		VMP-3-22-110811	11/8/2011												
		VMP-3-22-013012	1/30/2012												
		VMP-3-22-042012	4/20/2012												
		VMP-3-22-072312	7/23/2012												
		VMP-3-22-101812	10/18/2012												
		VMP-3-22-020613	2/6/2013												
		VMP-3-22-060413	6/4/2013												
		VMP-3-22-060413-Dup	6/4/2013												
		VMP-3-22-072913	7/29/2013												
		VMP-3-22-110613	11/6/2013												
		VMP-3-22-110613-Dup	11/6/2013												
		VMP-3-22-021314	2/13/2014												
		VMP-3-22-050214	5/2/2014												
		VMP-3-22-081214	8/12/2014												
		VMP-3-22-103114	10/31/2014												
		VMP-3-22-020915	2/9/2015												
		VMP-3-22-050815	5/8/2015												
		VMP-3-22-072915	7/29/2015												
		VMP-3-22-110315	11/3/2015												
		VMP-3-22-021616	2/16/2016												
		VMP-3-22-042716	4/27/2016												
		VMP-3-22-080116	8/1/2016												
		VMP-3-22-102616	10/26/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-3	31.5 ft	VMP-3-31.5	11/4/2009												
		VMP-3-31.5-090910	9/9/2010												
		VMP-3-31.5-112210	11/22/2010												
		VMP-3-31.5-020911	2/9/2011												
		VMP-3-31.5-041411	4/14/2011												
		VMP-3-31.5-041411-DUP	4/14/2011												
		VMP-3-31.5-080211	8/2/2011												
		VMP-3-31.5-080211-Dup	8/2/2011												
		VMP-3-31.5-110811	11/8/2011												
		VMP-3-31.5-012712	1/27/2012												
		VMP-3-31.5-041912	4/19/2012												
		VMP-3-31.5-041912-Dup	4/19/2012												
		VMP-3-31.5-072312	7/23/2012												
		VMP-3-31.5-101912	10/19/2012												
		VMP-3-31.5-020713	2/7/2013												
		VMP-3-31.5-060413	6/4/2013												
		VMP-3-31.5-072913	7/29/2013												
		VMP-3-31.5-110613	11/6/2013												
		VMP-3-31.5-022114	2/21/2014												
		VMP-3-31.5-050214	5/2/2014												
		VMP-3-31.5-081214	8/12/2014												
		VMP-3-31.5-103114	10/31/2014												
		VMP-3-31.5-020915	2/9/2015												
		VMP-3-31.5-110315	11/3/2015												
		VMP-3-31.5-020116	2/1/2016												
		VMP-3-31.5-042716	4/27/2016												
		VMP-3-31.5-080116	8/1/2016												
		VMP-3-31.5-102616	10/26/2016												
	39 ft	VMP-3-39	11/4/2009												
		VMP-3-39-101912	10/19/2012												
		VMP-3-39-021213	2/12/2013												
		VMP-3-39-060413	6/4/2013												
		VMP-3-39-072913	7/29/2013												
		VMP-3-39-110613	11/6/2013												
		VMP-3-39-022114	2/21/2014												
		VMP-3-39-050214	5/2/2014												
		VMP-3-39-050214-Dup	5/2/2014												
		VMP-3-39-081214	8/12/2014												
		VMP-3-39-103114	10/31/2014												
		VMP-3-39-020915	2/9/2015												
		VMP-3-39-110315	11/3/2015												
		VMP-3-39-020116	2/1/2016												
		VMP-3-39-020116-DUP	2/1/2016												
VMP-4	5 ft	VMP-4-5	11/5/2009												
		VMP-4-5-082510	8/25/2010												
		VMP-4-5-112210	11/22/2010												
		VMP-4-5-021411	2/14/2011												
		VMP-4-5-041911	4/19/2011												
		VMP-4-5-080311	8/3/2011												
		VMP-4-5-110911	11/9/2011												
		VMP-4-5-013012	1/30/2012												
		VMP-4-5-042512	4/25/2012												
		VMP-4-5-072512	7/25/2012												
		VMP-4-5-101812	10/18/2012												
		VMP-4-5-020713	2/7/2013												
		VMP-4-5-050913	5/9/2013												
		VMP-4-5-080113	8/1/2013												
		VMP-4-5-120313-R	12/3/2013												
		VMP-4-5-022714	2/27/2014												
		VMP-4-5-050214	5/2/2014												
		VMP-4-5-081514	8/15/2014												
		VMP-4-5-021015	2/10/2015												
		VMP-4-5-110215	11/2/2015												
		VMP-4-5-020316	2/3/2016												
		VMP-4-5-050516	5/5/2016												
		VMP-4-5-080216	8/2/2016												
		VMP-4-5-102816	10/28/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-4	12 ft	VMP-4-12	11/5/2009												
		VMP-4-12-082510	8/25/2010												
		VMP-4-12-112310	11/23/2010												
		VMP-4-12-021411	2/14/2011												
		VMP-4-12-041911	4/19/2011												
		VMP-4-12-080311	8/3/2011												
		VMP-4-12-080311-Dup	8/3/2011												
		VMP-4-12-110911	11/9/2011												
		VMP-4-12-013012	1/30/2012												
		VMP-4-12-041812	4/18/2012												
		VMP-4-12-072312	7/23/2012												
		VMP-4-12-101812	10/18/2012												
		VMP-4-12-101812-Dup	10/18/2012												
		VMP-4-12-020713	2/7/2013												
		VMP-4-12-020713-DUP	2/7/2013												
		VMP-4-12-050913	5/9/2013												
		VMP-4-12-080113	8/1/2013												
		VMP-4-12-120313-R	12/3/2013												
		VMP-4-12-022714	2/27/2014												
		VMP-4-12-050214	5/2/2014												
		VMP-4-12-081414	8/14/2014												
		VMP-4-12-021015	2/10/2015												
		VMP-4-12-051115	5/11/2015												
		VMP-4-12-080315	8/3/2015												
		VMP-4-12-110215	11/2/2015												
		VMP-4-12-020316	2/3/2016												
		VMP-4-12-050316	5/3/2016												
		VMP-4-12-080216	8/2/2016												
		VMP-4-12-102816	10/28/2016												
	23.5 ft	VMP-4-23.5	11/5/2009												
		VMP - 4 - 23.5 - 083110	8/31/2010												
		VMP-4-23.5-112310	11/23/2010												
		VMP-4-23.5-021411	2/14/2011												
		VMP-4-23.5-042011	4/20/2011												
		VMP-4-23.5-042011-DUP	4/20/2011												
		VMP-4-23.5-080611	8/6/2011												
		VMP-4-23.5-110911	11/9/2011												
		VMP-4-23.5-013012	1/30/2012												
		VMP-4-23.5-013012-DUP	1/30/2012												
		VMP-4-23.5-041912	4/19/2012												
		VMP-4-23.5-072312	7/23/2012												
		VMP-4-23.5-101812	10/18/2012												
		VMP-4-23.5-020713	2/7/2013												
		VMP-4-23.5-051513	5/15/2013												
		VMP-4-23.5-080113	8/1/2013												
		VMP-4-23.5-080113-Dup	8/1/2013												
		VMP-4-23.5-110713	11/7/2013												
		VMP-4-23.5-022714	2/27/2014												
		VMP-4-23.5-050214	5/2/2014												
		VMP-4-23.5-081314	8/13/2014												
		VMP-4-23.5-090414-R	9/4/2014												
		VMP-4-23.5-110714	11/7/2014												
		VMP-4-23.5-021015	2/10/2015												
		VMP-4-23.5-050815	5/8/2015												
		VMP-4-23.5-061515-R	6/15/2015												
		VMP-4-23.5-073015	7/30/2015												
		VMP-4-23.5-110215	11/2/2015												
		VMP-4-23.5-020316	2/3/2016												
		VMP-4-23.5-020316-DUP	2/3/2016												
		VMP-4-23.5-050316	5/3/2016												
		VMP-4-23.5-080216	8/2/2016												
		VMP-4-23.5-080216-DUP	8/2/2016												
		VMP-4-23.5-092316-DUP-R	9/23/2016												
		VMP-4-23.5-092316-R	9/23/2016												
		VMP-4-23.5-102816	10/28/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-4	39 ft	VMP-4-39	11/5/2009												
		VMP-4-39-042111	4/21/2011												
		VMP-4-39-041912	4/19/2012												
		VMP-4-39-072312	7/23/2012												
		VMP-4-39-101812	10/18/2012												
		VMP-4-39-101812-Dup	10/18/2012												
		VMP-4-39-020713	2/7/2013												
		VMP-4-39-051513	5/15/2013												
		VMP-4-39-110713	11/7/2013												
		VMP-4-39-022714	2/27/2014												
		VMP-4-39-050214	5/2/2014												
		VMP-4-39-081314	8/13/2014												
VMP-5	5 ft	VMP-5-5	11/5/2009												
		VMP-5-5-090910	9/9/2010												
		VMP-5-5-112210	11/22/2010												
		VMP-5-5-021611	2/16/2011												
		VMP-5-5-042111	4/21/2011												
		VMP-5-5-080511	8/5/2011												
		VMP-5-5-111111	11/11/2011												
		VMP-5-5-013012	1/30/2012												
		VMP-5-5-041112	4/11/2012												
		VMP-5-5-071312	7/13/2012												
		VMP-5-5-101212	10/12/2012												
		VMP-5-5-012513	1/25/2013												
		VMP-5-5-042913	4/29/2013												
		VMP-5-5-082313-R	8/23/2013												
		VMP-5-5-110513	11/5/2013												
		VMP-5-5-021814	2/18/2014												
		VMP-5-5-042814	4/28/2014												
		VMP-5-5-080814	8/8/2014												
		VMP-5-5-110514	11/5/2014												
		VMP-5-5-013015	1/30/2015												
		VMP-5-5-042915	4/29/2015												
		VMP-5-5-072915	7/29/2015												
		VMP-5-5-102915	10/29/2015												
		VMP-5-5-012516	1/25/2016												
		VMP-5-5-042816	4/28/2016												
		VMP-5-5-072816	7/28/2016												
		VMP-5-5-102516	10/25/2016												
	12.5 ft	VMP-5-12.5	11/6/2009												
		VMP-5-12.5-D	11/6/2009												
		VMP-5-12.5-090910	9/9/2010												
		VMP-5-12.5-112310	11/23/2010												
		VMP-5-12.5-021611	2/16/2011												
		VMP-5-12.5-042111	4/21/2011												
		VMP-5-12.5-080611	8/6/2011												
		VMP-5-12.5-111111	11/11/2011												
		VMP-5-12.5-013012	1/30/2012												
		VMP-5-12.5-041112	4/11/2012												
		VMP-5-12.5-071212	7/12/2012												
		VMP-5-12.5-101112	10/11/2012												
		VMP-5-12.5-012413	1/24/2013												
		VMP-5-12.5-042913	4/29/2013												
		VMP-5-12.5-080113	8/1/2013												
		VMP-5-12.5-110513	11/5/2013												
		VMP-5-12.5-021814	2/18/2014												
		VMP-5-12.5-042814	4/28/2014												
		VMP-5-12.5-080814	8/8/2014												
		VMP-5-12.5-110514	11/5/2014												
		VMP-5-12.5-110514-DUP	11/5/2014												
		VMP-5-12.5-013015	1/30/2015												
		VMP-5-12.5-042915	4/29/2015												
		VMP-5-12.5-072915	7/29/2015												
		VMP-5-12.5-102915	10/29/2015												
		VMP-5-12.5-012516	1/25/2016												
		VMP-5-12.5-042816	4/28/2016												
		VMP-5-12.5-072816	7/28/2016												
		VMP-5-12.5-102516	10/26/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31	11/6/2009												
		VMP-5-31-090910	9/9/2010												
		VMP-5-31-112310	11/23/2010												
		VMP-5-31-021611	2/16/2011												
		VMP-5-31-042111	4/21/2011												
		VMP-5-31-080611	8/6/2011												
		VMP-5-31-111111	11/11/2011												
		VMP-5-31-013012	1/30/2012												
		VMP-5-31-041112	4/11/2012												
		VMP-5-31-071212	7/12/2012												
		VMP-5-31-101112	10/11/2012												
		VMP-5-31-012413	1/24/2013												
		VMP-5-31-042913	4/29/2013												
		VMP-5-31-080113	8/1/2013												
		VMP-5-31-110513	11/5/2013												
		VMP-5-31-110513-Dup	11/5/2013												
		VMP-5-31-021814	2/18/2014												
		VMP-5-31-042814	4/28/2014												
		VMP-5-31-080814	8/8/2014												
		VMP-5-31-110514	11/5/2014												
		VMP-5-31-013015	1/30/2015												
		VMP-5-31-042915	4/29/2015												
		VMP-5-31-072915	7/29/2015												
		VMP-5-31-102915	10/29/2015												
		VMP-5-31-030916-R	3/9/2016												
		VMP-5-31-042816	4/28/2016												
		VMP-5-31-072816	7/28/2016												
		VMP-5-31-102516	10/26/2016												
	40 ft	VMP-5-40	11/6/2009												
		VMP-5-40-042111	4/21/2011												
		VMP-5-40-013012	1/30/2012												
		VMP-5-40-041212	4/12/2012												
		VMP-5-40-071212	7/12/2012												
		VMP-5-40-101112	10/11/2012												
		VMP-5-40-012513	1/25/2013												
		VMP-5-40-012513-Dup	1/25/2013												
		VMP-5-40-042913	4/29/2013												
		VMP-5-40-080113	8/1/2013												
		VMP-5-40-110513	11/5/2013												
		VMP-5-40-021814	2/18/2014												
		VMP-5-40-021814-Dup	2/18/2014												
		VMP-5-40-042814	4/28/2014												
		VMP-5-40-042814-Dup	4/28/2014												
		VMP-5-40-080814	8/8/2014												
		VMP-5-40-080814-DUP	8/8/2014												
		VMP-5-40-110514	11/5/2014												
		VMP-5-40-013015	1/30/2015												
		VMP-5-40-042915	4/29/2015												
		VMP-5-40-072915	7/29/2015												
		VMP-5-40-102915	10/29/2015												
		VMP-5-40-012516	1/25/2016												
		VMP-5-40-012516-DUP	1/25/2016												
		VMP-5-40-042816	4/28/2016												
		VMP-5-40-072816	7/28/2016												
		VMP-5-40-102516	10/26/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-6	5 ft	VMP-6-5	11/6/2009												
		VMP-6-5-090810	9/8/2010												
		VMP-6-5-111610	11/16/2010												
		VMP-6-5-020711	2/7/2011												
		VMP-6-5-040811	4/8/2011												
		VMP-6-5-080411	8/4/2011												
		VMP-6-5-110911	11/9/2011												
		VMP-6-5-013112	1/31/2012												
		VMP-6-5-041212	4/12/2012												
		VMP-6-5-071612	7/16/2012												
		VMP-6-5-101012	10/10/2012												
		VMP-6-5-021213	2/12/2013												
		VMP-6-5-022714	2/27/2014												
		VMP-6-5-042914	4/29/2014												
		VMP-6-5-080814	8/8/2014												
		VMP-6-5-110514	11/5/2014												
		VMP-6-5-020915	2/9/2015												
		VMP-6-5-042915	4/29/2015												
		VMP-6-5-072715	7/27/2015												
		VMP-6-5-102915	10/29/2015												
		VMP-6-5-020116	2/1/2016												
		VMP-6-5-042516	4/25/2016												
		VMP-6-5-072816	7/28/2016												
		VMP-6-5-102816	10/28/2016												
	10 ft	VMP-6-10	11/6/2009												
		VMP-6-10-090810	9/8/2010												
		VMP-6-10-111710	11/17/2010												
		VMP-6-10-020711	2/7/2011												
		VMP-6-10-040811	4/8/2011												
		VMP-6-10-080411	8/4/2011												
		VMP-6-10-111011	11/10/2011												
		VMP-6-10-013112	1/31/2012												
		VMP-6-10-041212	4/12/2012												
		VMP-6-10-071612	7/16/2012												
		VMP-6-10-101112	10/11/2012												
		VMP-6-10-020513	2/5/2013												
		VMP-6-10-051513	5/15/2013												
		VMP-6-10-080813	8/8/2013												
		VMP-6-10-110513	11/5/2013												
		VMP-6-10-022714	2/27/2014												
		VMP-6-10-042914	4/29/2014												
		VMP-6-10-080814	8/8/2014												
		VMP-6-10-110514	11/5/2014												
		VMP-6-10-020915	2/9/2015												
		VMP-6-10-042915	4/29/2015												
		VMP-6-10-072715	7/27/2015												
		VMP-6-10-102915	10/29/2015												
		VMP-6-10-020116	2/1/2016												
		VMP-6-10-042516	4/25/2016												
		VMP-6-10-072816	7/28/2016												
		VMP-6-10-102816	10/28/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-6	31.5 ft	VMP-6-31.5	11/9/2009												
		VMP-6-31.5-090810	9/8/2010												
		VMP-6-31.5-111710	11/17/2010												
		VMP-6-31.5-020711	2/7/2011												
		VMP-6-31.5-041111	4/11/2011												
		VMP-6-31.5-080411	8/4/2011												
		VMP-6-31.5-111011	11/10/2011												
		VMP-6-31.5-013112	1/31/2012												
		VMP-6-31.5-041212	4/12/2012												
		VMP-6-31.5-071612	7/16/2012												
		VMP-6-31.5-101112	10/11/2012												
		VMP-6-31.5-020513	2/5/2013												
		VMP-6-31.5-042913	4/29/2013												
		VMP-6-31.5-080813	8/8/2013												
		VMP-6-31.5-110513	11/5/2013												
		VMP-6-31.5-022714	2/27/2014												
		VMP-6-31.5-042914	4/29/2014												
		VMP-6-31.5-080814	8/8/2014												
		VMP-6-31.5-110514	11/5/2014												
		VMP-6-31.5-020915	2/9/2015												
		VMP-6-31.5-042915	4/29/2015												
		VMP-6-31.5-042915-DUP	4/29/2015												
		VMP-6-31.5-072715	7/27/2015												
		VMP-6-31.5-112515	11/25/2015												
		VMP-6-31.5-020116	2/1/2016												
		VMP-6-31.5-042516	4/25/2016												
		VMP-6-31.5-072816	7/28/2016												
		VMP-6-31.5-102816	10/28/2016												
	39 ft	VMP-6-39	11/9/2009												
		VMP-6-39-041111	4/11/2011												
		VMP-6-39-013112	1/31/2012												
		VMP-6-39-041212	4/12/2012												
		VMP-6-39-071612	7/16/2012												
		VMP-6-39-071612-Dup	7/16/2012												
		VMP-6-39-101112	10/11/2012												
		VMP-6-39-020513	2/5/2013												
		VMP-6-39-050913	5/9/2013												
		VMP-6-39-050913-Dup	5/9/2013												
		VMP-6-39-080813-Dup	8/8/2013												
		VMP-6-39-081513	8/15/2013												
		VMP-6-39-110513	11/5/2013												
		VMP-6-39-022714	2/27/2014												
		VMP-6-39-042914	4/29/2014												
		VMP-6-39-080814	8/8/2014												
		VMP-6-39-110514	11/5/2014												
		VMP-6-39-020915	2/9/2015												
		VMP-6-39-020915-DUP	2/9/2015												
		VMP-6-39-042915	4/29/2015												
		VMP-6-39-072715	7/27/2015												
		VMP-6-39-072715-DUP	7/27/2015												
		VMP-6-39-102915	10/29/2015												
		VMP-6-39-102915-DUP	10/29/2015												
		VMP-6-39-020116	2/1/2016												
		VMP-6-39-020116-DUP	2/1/2016												
		VMP-6-39-042516	4/25/2016												
		VMP-6-39-072816	7/28/2016												
		VMP-6-39-102816	10/28/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5	11/9/2009												
		VMP-7-5-082610	8/26/2010												
		VMP-7-5-111910	11/19/2010												
		VMP-7-5-020711	2/7/2011												
		VMP-7-5-040711	4/7/2011												
		VMP-7-5-080211	8/2/2011												
		VMP-7-5-111011	11/10/2011												
		VMP-7-5-111011-DUP	11/10/2011												
		VMP-7-5-013112	1/31/2012												
		VMP-7-5-041212	4/12/2012												
		VMP-7-5-073112	7/31/2012												
		VMP-7-5-101012	10/10/2012												
		VMP-7-5-060613	6/6/2013												
		VMP-7-5-073013	7/30/2013												
		VMP-7-5-102213	10/22/2013												
		VMP-7-5-022414	2/24/2014												
		VMP-7-5-043014	4/30/2014												
		VMP-7-5-080514	8/5/2014												
		VMP-7-5-102714	10/27/2014												
		VMP-7-5-020215	2/2/2015												
		VMP-7-5-043015	4/30/2015												
		VMP-7-5-072715	7/27/2015												
		VMP-7-5-102815	10/28/2015												
		VMP-7-5-012716	1/27/2016												
		VMP-7-5-042916	4/29/2016												
		VMP-7-5-072616	7/26/2016												
		VMP-7-5-102516	10/25/2016												
	13.5 ft	VMP-7-13.5	11/9/2009												
		VMP-7-13.5-082610	8/26/2010												
		VMP-7-13.5-111910	11/19/2010												
		VMP-7-13.5-020711	2/7/2011												
		VMP-7-13.5-040711	4/7/2011												
		VMP-7-13.5-080311	8/3/2011												
		VMP-7-13.5-111011	11/10/2011												
		VMP-7-13.5-013112	1/31/2012												
		VMP-7-13.5-013112-DUP	1/31/2012												
		VMP-7-13.5-041212	4/12/2012												
		VMP-7-13.5-041212-DUP	4/12/2012												
		VMP-7-13.5-072012	7/20/2012												
		VMP-7-13.5-101012	10/10/2012												
		VMP-7-13.5-021313	2/13/2013												
		VMP-7-13.5-060513	6/5/2013												
		VMP-7-13.5-073013	7/30/2013												
		VMP-7-13.5-110113	11/1/2013												
		VMP-7-13.5-022414	2/24/2014												
		VMP-7-13.5-043014	4/30/2014												
		VMP-7-13.5-080514	8/5/2014												
		VMP-7-13.5-102714	10/27/2014												
		VMP-7-13.5-020215	2/2/2015												
		VMP-7-13.5-043015	4/30/2015												
		VMP-7-13.5-072715	7/27/2015												
		VMP-7-13.5-102815	10/28/2015												
		VMP-7-13.5-012716	1/27/2016												
		VMP-7-13.5-042916	4/29/2016												
		VMP-7-13.5-072616	7/26/2016												
		VMP-7-13.5-102516	10/25/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5	11/9/2009												
		VMP - 7 - 29.5 - 083110	8/31/2010												
		VMP-7-29.5-111910	11/19/2010												
		VMP-7-29.5-020711	2/7/2011												
		VMP-7-29.5-040711	4/7/2011												
		VMP-7-29.5-080311	8/3/2011												
		VMP-7-29.5-111111	11/11/2011												
		VMP-7-29.5-020112	2/1/2012												
		VMP-7-29.5-041312	4/13/2012												
		VMP-7-29.5-072012	7/20/2012												
		VMP-7-29.5-072012-Dup	7/20/2012												
		VMP-7-29.5-101012	10/10/2012												
		VMP-7-29.5-060613	6/6/2013												
		VMP-7-29.5-073013	7/30/2013												
		VMP-7-29.5-102213	10/22/2013												
		VMP-7-29.5-022414	2/24/2014												
		VMP-7-29.5-043014	4/30/2014												
		VMP-7-29.5-080514	8/5/2014												
		VMP-7-29.5-102714	10/27/2014												
		VMP-7-29.5-020215	2/2/2015												
		VMP-7-29.5-043015	4/30/2015												
		VMP-7-29.5-072715	7/27/2015												
		VMP-7-29.5-102815	10/28/2015												
		VMP-7-29.5-012716	1/27/2016												
		VMP-7-29.5-042916	4/29/2016												
		VMP-7-29.5-072616	7/26/2016												
		VMP-7-29.5-102516	10/25/2016												
	38 ft	VMP-7-38	11/9/2009												
		VMP-7-38-020711	2/7/2011												
		VMP-7-38-040711	4/7/2011												
		VMP-7-38-020112	2/1/2012												
		VMP-7-38-042512	4/25/2012												
		VMP-7-38-042512-Dup	4/25/2012												
		VMP-7-38-101112	10/11/2012												
		VMP-7-38-060613	6/6/2013												
		VMP-7-38-073013	7/30/2013												
		VMP-7-38-110113	11/1/2013												
		VMP-7-38-022414	2/24/2014												
		VMP-7-38-043014	4/30/2014												
		VMP-7-38-043014-DUP	4/30/2014												
		VMP-7-38-080514	8/5/2014												
		VMP-7-38-080514-DUP	8/5/2014												
		VMP-7-38-102714	10/27/2014												
		VMP-7-38-020215	2/2/2015												
		VMP-7-38-043015	4/30/2015												
		VMP-7-38-072715	7/27/2015												
		VMP-7-38-102815	10/28/2015												
		VMP-7-38-102815-DUP	10/28/2015												
		VMP-7-38-012716	1/27/2016												
		VMP-7-38-012716-DUP	1/27/2016												
		VMP-7-38-042916	4/29/2016												
		VMP-7-38-042916-DUP	4/29/2016												
		VMP-7-38-072616	7/26/2016												
		VMP-7-38-072616-DUP	7/26/2016												
		VMP-7-38-102516	10/25/2016												
		VMP-7-38-102516-Dup	10/25/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5	11/10/2009												
		VMP - 8 - 5 - 083010	8/30/2010												
		VMP-8-5-111810	11/17/2010												
		VMP-8-5-021011	2/10/2011												
		VMP-8-5-040711	4/7/2011												
		VMP-8-5-072711	7/27/2011												
		VMP-8-5-110311	11/3/2011												
		VMP-8-5-012312	1/23/2012												
		VMP-8-5-041012	4/10/2012												
		VMP-8-5-071312	7/13/2012												
		VMP-8-5-073112	7/31/2012												
		VMP-8-5-100412	10/4/2012												
		VMP-8-5-100412-Dup	10/4/2012												
		VMP-8-5-012413	1/24/2013												
		VMP-8-5-042513	4/25/2013												
		VMP-8-5-073013	7/30/2013												
		VMP-8-5-102213	10/22/2013												
		VMP-8-5-021014	2/10/2014												
		VMP-8-5-042514	4/25/2014												
		VMP-8-5-073014	7/30/2014												
		VMP-8-5-103114	10/31/2014												
		VMP-8-5-020915	2/9/2015												
		VMP-8-5-042715	4/27/2015												
		VMP-8-5-072815	7/28/2015												
		VMP-8-5-102715	10/27/2015												
		VMP-8-5-012716	1/27/2016												
		VMP-8-5-042916	4/29/2016												
		VMP-8-5-072916	7/29/2016												
		VMP-8-5-102516	10/25/2016												
	9.5 ft	VMP-8-9.5	11/10/2009												
		VMP - 8 - 9.5 - 083010	8/30/2010												
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010												
		VMP-8-9.5-111810	11/17/2010												
		VMP-8-9.5-021011	2/10/2011												
		VMP-8-9.5-040711	4/7/2011												
		VMP-8-9.5-072711	7/27/2011												
		VMP-8-9.5-110311	11/3/2011												
		VMP-8-9.5-012312	1/23/2012												
		VMP-8-9.5-041012	4/10/2012												
		VMP-8-9.5-071312	7/13/2012												
		VMP-8-9.5-071312-Dup	7/13/2012												
		VMP-8-9.5-100412	10/4/2012												
		VMP-8-9.5-012413	1/24/2013												
		VMP-8-9.5-012413-Dup	1/24/2013												
		VMP-8-9.5-042513	4/25/2013												
		VMP-8-9.5-073013	7/30/2013												
		VMP-8-9.5-102213	10/22/2013												
		VMP-8-9.5-021014	2/10/2014												
		VMP-8-9.5-021014-Dup	2/10/2014												
		VMP-8-9.5-042514	4/25/2014												
		VMP-8-9.5-073014	7/30/2014												
		VMP-8-9.5-103114	10/31/2014												
		VMP-8-9.5-020915	2/9/2015												
		VMP-8-9.5-042715	4/27/2015												
		VMP-8-9.5-072815	7/28/2015												
		VMP-8-9.5-102715	10/27/2015												
		VMP-8-9.5-012716	1/27/2016												
		VMP-8-9.5-042916	4/29/2016												
		VMP-8-9.5-072916	7/29/2016												
		VMP-8-9.5-102516	10/25/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-8	23.5 ft	VMP-8-23.5	11/10/2009												
		VMP - 8 - 23.5 - 083010	8/30/2010												
		VMP-8-23.5-111910	11/19/2010												
		VMP-8-23.5-021011	2/10/2011												
		VMP-8-23.5-040711	4/7/2011												
		VMP-8-23.5-040711-DUP	4/7/2011												
		VMP-8-23.5-081011	8/10/2011												
		VMP-8-23.5-110611	11/6/2011												
		VMP-8-23.5-012312	1/23/2012												
		VMP-8-23.5-041012	4/10/2012												
		VMP-8-23.5-071312	7/13/2012												
		VMP-8-23.5-100412	10/4/2012												
		VMP-8-23.5-012413	1/24/2013												
		VMP-8-23.5-050113	5/1/2013												
		VMP-8-23.5-073013	7/30/2013												
		VMP-8-23.5-073013-Dup	7/30/2013												
		VMP-8-23.5-102213	10/22/2013												
		VMP-8-23.5-021014	2/10/2014												
		VMP-8-23.5-042514	4/25/2014												
		VMP-8-23.5-073014	7/30/2014												
		VMP-8-23.5-103114	10/31/2014												
		VMP-8-23.5-020915	2/9/2015												
		VMP-8-23.5-050515-R	5/5/2015												
		VMP-8-23.5-072815	7/28/2015												
		VMP-8-23.5-102715	10/27/2015												
		VMP-8-23.5-012716	1/27/2016												
		VMP-8-23.5-042916	4/29/2016												
		VMP-8-23.5-072916	7/29/2016												
		VMP-8-23.5-072916-DUP	7/29/2016												
		VMP-8-23.5-102516	10/25/2016												
	35.5 ft	VMP-8-35.5-042514	4/25/2014												
		VMP-8-35.5-073014	7/30/2014												
		VMP-8-35.5-103114	10/31/2014												
		VMP-8-35.5-103114-DUP	10/31/2014												
		VMP-8-35.5-020915	2/9/2015												
		VMP-8-35.5-042715	4/27/2015												
		VMP-8-35.5-072815	7/28/2015												
		VMP-8-35.5-072815-DUP	7/28/2015												
		VMP-8-35.5-012816	1/28/2016												
		VMP-8-35.5-012816-DUP	1/28/2016												
		VMP-8-35.5-042916	4/29/2016												
		VMP-8-35.5-080316	8/3/2016												
		VMP-8-35.5-102516	10/25/2016												
		VMP-8-35.5-102516-Dup	10/25/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5	11/11/2009												
		VMP-9-5-082610	8/26/2010												
		VMP-9-5-111910	11/19/2010												
		VMP-9-5-020811	2/8/2011												
		VMP-9-5-040611	4/6/2011												
		VMP-9-5-080211	8/2/2011												
		VMP-9-5-110411	11/4/2011												
		VMP-9-5-012612	1/26/2012												
		VMP-9-5-041112	4/11/2012												
		VMP-9-5-071312	7/13/2012												
		VMP-9-5-101012	10/10/2012												
		VMP-9-5-012513	1/25/2013												
		VMP-9-5-021513	2/15/2013												
		VMP-9-5-050113	5/1/2013												
		VMP-9-5-073013	7/30/2013												
		VMP-9-5-102213	10/22/2013												
		VMP-9-5-122013-R	12/20/2013												
		VMP-9-5-021114	2/11/2014												
		VMP-9-5-043014	4/30/2014												
		VMP-9-5-081114	8/11/2014												
		VMP-9-5-110614	11/6/2014												
		VMP-9-5-021115	2/11/2015												
		VMP-9-5-050415	5/4/2015												
		VMP-9-5-072815	7/28/2015												
		VMP-9-5-102815	10/28/2015												
		VMP-9-5-012816	1/28/2016												
		VMP-9-5-042816	4/28/2016												
		VMP-9-5-080116	8/1/2016												
		VMP-9-5-102516	10/25/2016												
		VMP-9-5-120916	12/9/2016												
	11.5 ft	VMP-9-11.5	11/11/2009												
		VMP-9-11.5-082610	8/26/2010												
		VMP-9-11.5-111910	11/19/2010												
		VMP-9-11.5-020911	2/9/2011												
		VMP-9-11.5-020911-DUP	2/9/2011												
		VMP-9-11.5-040611	4/6/2011												
		VMP-9-11.5-080211	8/2/2011												
		VMP-9-11.5-110411	11/4/2011												
		VMP-9-11.5-012612	1/26/2012												
		VMP-9-11.5-041112	4/11/2012												
		VMP-9-11.5-071312	7/13/2012												
		VMP-9-11.5-101012	10/10/2012												
		VMP-9-11.5-012513	1/25/2013												
		VMP-9-11.5-012513-DUP	1/25/2013												
		VMP-9-11.5-050113	5/1/2013												
		VMP-9-11.5-073013	7/30/2013												
		VMP-9-11.5-102213	10/22/2013												
		VMP-9-11.5-122013-R	12/20/2013												
		VMP-9-11.5-021114	2/11/2014												
		VMP-9-11.5-043014	4/30/2014												
		VMP-9-11.5-081114	8/11/2014												
		VMP-9-11.5-110614	11/6/2014												
		VMP-9-11.5-021115	2/11/2015												
		VMP-9-11.5-050415	5/4/2015												
		VMP-9-11.5-072815	7/28/2015												
		VMP-9-11.5-102815	10/28/2015												
		VMP-9-11.5-012816	1/28/2016												
		VMP-9-11.5-042816	4/28/2016												
		VMP-9-11.5-080116	8/1/2016												
		VMP-9-11.5-080116-DUP	8/1/2016												
		VMP-9-11.5-102516	10/25/2016												
		VMP-9-11.5-120916	12/9/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-9	25.5 ft	VMP-9-25.5	11/10/2009												
		VMP-9-25.5-D	11/10/2009												
		VMP-9-25.5-082610	8/26/2010												
		VMP-9-25.5-082610-DUP	8/26/2010												
		VMP-9-25.5-111910	11/19/2010												
		VMP-9-25.5-020911	2/9/2011												
		VMP-9-25.5-040811	4/8/2011												
		VMP-9-25.5-080211	8/2/2011												
		VMP-9-25.5-110711	11/7/2011												
		VMP-9-25.5-110711-DUP	11/7/2011												
		VMP-9-25.5-012612	1/26/2012												
		VMP-9-25.5-041112	4/11/2012												
		VMP-9-25.5-071312	7/13/2012												
		VMP-9-25.5-071312-Dup	7/13/2012												
		VMP-9-25.5-101012	10/10/2012												
		VMP-9-25.5-013013	1/30/2013												
		VMP-9-25.5-050113	5/1/2013												
		VMP-9-25.5-050113-Dup	5/1/2013												
		VMP-9-25.5-073013	7/30/2013												
		VMP-9-25.5-102213	10/22/2013												
		VMP-9-25.5-102213-Dup	10/22/2013												
		VMP-9-25.5-021114	2/11/2014												
		VMP-9-25.5-043014	4/30/2014												
		VMP-9-25.5-081114	8/11/2014												
		VMP-9-25.5-021115	2/11/2015												
		VMP-9-25.5-050415	5/4/2015												
		VMP-9-25.5-052915-R	5/29/2015												
		VMP-9-25.5-072815	7/28/2015												
		VMP-9-25.5-102815	10/28/2015												
		VMP-9-25.5-012816	1/28/2016												
		VMP-9-25.5-042816	4/28/2016												
		VMP-9-25.5-080116	8/1/2016												
		VMP-9-25.5-102516	10/25/2016												
		VMP-9-25.5-120916	12/9/2016												
	38.5 ft	VMP-9-38.5	11/10/2009												
		VMP-9-38.5-020911	2/9/2011												
		VMP-9-38.5-040811	4/8/2011												
		VMP-9-38.5-012612	1/26/2012												
		VMP-9-38.5-041112	4/11/2012												
		VMP-9-38.5-071312	7/13/2012												
		VMP-9-38.5-101012	10/10/2012												
		VMP-9-38.5-013013	1/30/2013												
		VMP-9-38.5-050113	5/1/2013												
		VMP-9-38.5-073113	7/31/2013												
		VMP-9-38.5-102213	10/22/2013												
		VMP-9-38.5-021114	2/11/2014												
		VMP-9-38.5-081114	8/11/2014												
		VMP-9-38.5-050415	5/4/2015												
		VMP-9-38.5-050415-DUP	5/4/2015												
		VMP-9-38.5-052915-R	5/29/2015												
		VMP-9-38.5-072815	7/28/2015												
		VMP-9-38.5-102815	10/28/2015												
		VMP-9-38.5-012816	1/28/2016												
		VMP-9-38.5-042816	4/28/2016												
		VMP-9-38.5-072916	7/29/2016												
		VMP-9-38.5-102516	10/25/2016												
		VMP-9-38.5-120916	12/9/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5	11/11/2009												
		VMP-10-5-090710	9/7/2010												
		VMP-10-5-111810	11/17/2010												
		VMP-10-5-021011	2/10/2011												
		VMP-10-5-040511	4/5/2011												
		VMP-10-5-07/2911	7/29/2011												
		VMP-10-5-110411	11/4/2011												
		VMP-10-5-012512	1/26/2012												
		VMP-10-5-041212	4/12/2012												
		VMP-10-5-071312	7/13/2012												
		VMP-10-5-101612	10/16/2012												
		VMP-10-5-012913	1/29/2013												
		VMP-10-5-012913-DUP	1/29/2013												
		VMP-10-5-043013	4/30/2013												
		VMP-10-5-073013	7/30/2013												
		VMP-10-5-111313	11/13/2013												
		VMP-10-5-021214	2/12/2014												
		VMP-10-5-022614-R	2/26/2014												
		VMP-10-5-042914	4/29/2014												
		VMP-10-5-073114	7/31/2014												
		VMP-10-5-103014	10/30/2014												
		VMP-10-5-020515	2/5/2015												
		VMP-10-5-043015	4/30/2015												
		VMP-10-5-072815	7/28/2015												
		VMP-10-5-103015	10/30/2015												
		VMP-10-5-012916	1/29/2016												
		VMP-10-5-050216	5/2/2016												
		VMP-10-5-082616	8/26/2016												
		VMP-10-5-110216	11/2/2016												
	10 ft	VMP-10-10	11/11/2009												
		VMP-10-10-090710	9/7/2010												
		VMP-10-10-111810	11/17/2010												
		VMP-10-10-021111	2/11/2011												
		VMP-10-10-040611	4/6/2011												
		VMP-10-10-072911	7/29/2011												
		VMP-10-10-110411	11/4/2011												
		VMP-10-10-110411-DUP	11/4/2011												
		VMP-10-10-012512	1/26/2012												
		VMP-10-10-012512-DUP	1/26/2012												
		VMP-10-10-041112	4/11/2012												
		VMP-10-10-071312	7/13/2012												
		VMP-10-10-101612	10/16/2012												
		VMP-10-10-012913	1/29/2013												
		VMP-10-10-043013	4/30/2013												
		VMP-10-10-073013	7/30/2013												
		VMP-10-10-111313	11/13/2013												
		VMP-10-10-021214	2/12/2014												
		VMP-10-10-042914	4/29/2014												
		VMP-10-10-073114	7/31/2014												
		VMP-10-10-103014	10/30/2014												
		VMP-10-10-020515	2/5/2015												
		VMP-10-10-043015	4/30/2015												
		VMP-10-10-072815	7/28/2015												
		VMP-10-10-103015	10/30/2015												
		VMP-10-10-021616	2/16/2016												
		VMP-10-10-050216	5/2/2016												
		VMP-10-10-072816	7/28/2016												
		VMP-10-10-110216	11/2/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-10	20 ft	VMP-10-20	11/11/2009												
		VMP-10-20-D	11/11/2009												
		VMP-10-20-090710	9/7/2010												
		VMP-10-20-090710-DUP	9/7/2010												
		VMP-10-20-111810	11/17/2010												
		VMP-10-20-111810-Dup	11/17/2010												
		VMP-10-20-021111	2/11/2011												
		VMP-10-20-040611	4/6/2011												
		VMP-10-20-072911	7/29/2011												
		VMP-10-20-110411	11/4/2011												
		VMP-10-20-012612	1/26/2012												
		VMP-10-20-041212	4/12/2012												
		VMP-10-20-071612	7/16/2012												
		VMP-10-20-101612	10/16/2012												
		VMP-10-20-012913	1/29/2013												
		VMP-10-20-043013	4/30/2013												
		VMP-10-20-073013	7/30/2013												
		VMP-10-20-102313	10/23/2013												
		VMP-10-20-021214	2/12/2014												
		VMP-10-20-042914	4/29/2014												
		VMP-10-20-073114	7/31/2014												
		VMP-10-20-103014	10/30/2014												
		VMP-10-20-020515	2/5/2015												
		VMP-10-20-043015	4/30/2015												
		VMP-10-20-072815	7/28/2015												
		VMP-10-20-072815-DUP	7/28/2015												
		VMP-10-20-103015	10/30/2015												
		VMP-10-20-012916	1/29/2016												
		VMP-10-20-050216	5/2/2016												
		VMP-10-20-072816	7/28/2016												
		VMP-10-20-110216	11/2/2016												
	30 ft	VMP-10-30	11/13/2009												
		VMP-10-30-041212	4/12/2012												
		VMP-10-30-071612	7/16/2012												
		VMP-10-30-101612	10/16/2012												
		VMP-10-30-012913	1/29/2013												
		VMP-10-30-043013	4/30/2013												
		VMP-10-30-073013	7/30/2013												
		VMP-10-30-102813	10/28/2013												
		VMP-10-30-021214	2/12/2014												
		VMP-10-30-042914	4/29/2014												
		VMP-10-30-073114	7/31/2014												
		VMP-10-30-073114-Dup	7/31/2014												
		VMP-10-30-103014	10/30/2014												
		VMP-10-30-103014-DUP	10/30/2014												
		VMP-10-30-020515	2/5/2015												
		VMP-10-30-020515-DUP	2/5/2015												
		VMP-10-30-043015	4/30/2015												
		VMP-10-30-072815	7/28/2015												
		VMP-10-30-103015	10/30/2015												
		VMP-10-30-012916-DUP	1/29/2016												
		VMP-10-30-050216	5/2/2016												
		VMP-10-30-050216-DUP	5/2/2016												
		VMP-10-30-072816	7/28/2016												
		VMP-10-30-110216	11/2/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-11	5 ft	VMP-11-5	11/17/2009												
		VMP-11-5-090710	9/7/2010												
		VMP-11-5-112210	11/22/2010												
		VMP-11-5-021511	2/15/2011												
		VMP-11-5-040611	4/6/2011												
		VMP-11-5-080711	8/7/2011												
		VMP-11-5-111111	11/11/2011												
		VMP-11-5-012612	1/26/2012												
		VMP-11-5-041912	4/19/2012												
		VMP-11-5-071912	7/16/2012												
		VMP-11-5-101612	10/16/2012												
		VMP-11-5-012913	1/29/2013												
		VMP-11-5-043013	4/30/2013												
		VMP-11-5-073113	7/31/2013												
		VMP-11-5-102813	10/28/2013												
		VMP-11-5-022114	2/21/2014												
		VMP-11-5-043014	4/30/2014												
		VMP-11-5-073114	7/31/2014												
		VMP-11-5-103014	10/30/2014												
		VMP-11-5-020515	2/5/2015												
		VMP-11-5-043015	4/30/2015												
		VMP-11-5-072815	7/28/2015												
		VMP-11-5-103015	10/30/2015												
		VMP-11-5-012916	1/29/2016												
		VMP-11-5-050216	5/2/2016												
		VMP-11-5-080116	8/1/2016												
		VMP-11-5-110116	11/1/2016												
	8 ft	VMP-11-8	11/17/2009												
		VMP-11-8-090810	9/8/2010												
		VMP-11-8-112210	11/22/2010												
		VMP-11-8-021111	2/11/2011												
		VMP-11-8-021111-DUP	2/11/2011												
		VMP-11-8-040611	4/6/2011												
		VMP-11-8-040611-DUP	4/6/2011												
		VMP-11-8-080711	8/7/2011												
		VMP-11-8-111411	11/14/2011												
		VMP-11-8-012612	1/26/2012												
		VMP-11-8-041912	4/19/2012												
		VMP-11-8-072012	7/20/2012												
		VMP-11-8-101612	10/16/2012												
		VMP-11-8-101612-Dup	10/16/2012												
		VMP-11-8-012913	1/29/2013												
		VMP-11-8-050113	5/1/2013												
		VMP-11-8-080113	8/1/2013												
		VMP-11-8-102813	10/28/2013												
		VMP-11-8-022114	2/21/2014												
		VMP-11-8-043014	4/30/2014												
		VMP-11-8-073114	7/31/2014												
		VMP-11-8-111014-R	11/10/2014												
		VMP-11-8-020515	2/5/2015												
		VMP-11-8-043015	4/30/2015												
		VMP-11-8-072815	7/28/2015												
		VMP-11-8-103015	10/30/2015												
		VMP-11-8-012916	1/29/2016												
		VMP-11-8-050616	5/6/2016												
		VMP-11-8-080116	8/1/2016												
		VMP-11-8-110116	11/1/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-11	29 ft	VMP-11-29	11/18/2009												
		VMP-11-29-090810	9/8/2010												
		VMP-11-29-112210	11/22/2010												
		VMP-11-29-112210-Dup	11/22/2010												
		VMP-11-29-021411	2/14/2011												
		VMP-11-29-040611	4/6/2011												
		VMP-11-29-082511	8/25/2011												
		VMP-11-29-082511-Dup	8/25/2011												
		VMP-11-29-111411	11/14/2011												
		VMP-11-29-012612	1/26/2012												
		VMP-11-29-042712	4/27/2012												
		VMP-11-29-072012	7/23/2012												
		VMP-11-29-101612	10/16/2012												
		VMP-11-29-012913	1/29/2013												
		VMP-11-29-043013	4/30/2013												
		VMP-11-29-073113	7/31/2013												
		VMP-11-29-102813	10/28/2013												
		VMP-11-29-022114	2/21/2014												
		VMP-11-29-043014	4/30/2014												
		VMP-11-29-073114	7/31/2014												
		VMP-11-29-103014	10/30/2014												
		VMP-11-29-103014-DUP	10/30/2014												
		VMP-11-29-020515	2/5/2015												
		VMP-11-29-020515-DUP	2/5/2015												
		VMP-11-29-043015	4/30/2015												
		VMP-11-29-072815	7/28/2015												
		VMP-11-29-110515	11/5/2015												
		VMP-11-29-012916	1/29/2016												
		VMP-11-29-050216	5/2/2016												
		VMP-11-29-080216	8/2/2016												
		VMP-11-29-110116	11/1/2016												
	38 ft	VMP-11-38	11/18/2009												
		VMP-11-38-042312	4/23/2012												
		VMP-11-38-042312-Dup	4/23/2012												
		VMP-11-38-072312	7/23/2012												
		VMP-11-38-101612	10/16/2012												
		VMP-11-38-013013	1/30/2013												
		VMP-11-38-043013	4/30/2013												
		VMP-11-38-073113	7/31/2013												
		VMP-11-38-073113-Dup	7/31/2013												
		VMP-11-38-102813	10/28/2013												
		VMP-11-38-022114	2/21/2014												
		VMP-11-38-043014	4/30/2014												
		VMP-11-38-073114	7/31/2014												
		VMP-11-38-103014	10/30/2014												
		VMP-11-38-020515	2/5/2015												
		VMP-11-38-043015	4/30/2015												
		VMP-11-38-072815	7/28/2015												
		VMP-11-38-103015	10/30/2015												
		VMP-11-38-103015-DUP	10/30/2015												
		VMP-11-38-012916	1/29/2016												
		VMP-11-38-050216	5/2/2016												
		VMP-11-38-050216-DUP	5/2/2016												
		VMP-11-38-080216	8/2/2016												
		VMP-11-38-110216	11/2/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-12	5 ft	VMP-12-5	11/13/2009												
		VMP-12-5-090310	9/3/2010												
		VMP-12-5-120310	12/3/2010												
		VMP-12-5-021511	2/15/2011												
		VMP-12-5-041911	4/19/2011												
		VMP-12-5-080411	8/4/2011												
		VMP-12-5-111611	11/16/2011												
		VMP-12-5-012412	1/24/2012												
		VMP-12-5-041912	4/19/2012												
		VMP-12-5-072612	7/26/2012												
		VMP-12-5-072612-Dup	7/26/2012												
		VMP-12-5-102412	10/24/2012												
		VMP-12-5-021813	2/18/2013												
		VMP-12-5-051013	5/10/2013												
		VMP-12-5-081213	8/12/2013												
		VMP-12-5-111413	11/14/2013												
		VMP-12-5-031914-R	3/19/2014												
		VMP-12-5-050214	5/2/2014												
		VMP-12-5-081514	8/15/2014												
		VMP-12-5-110714	11/10/2014												
		VMP-12-5-021115	2/11/2015												
		VMP-12-5-050715	5/7/2015												
		VMP-12-5-073115	7/31/2015												
		VMP-12-5-110415	11/4/2015												
		VMP-12-5-020316	2/3/2016												
		VMP-12-5-050416	5/4/2016												
		VMP-12-5-080316	8/3/2016												
		VMP-12-5-103116	10/31/2016												
	11.5 ft	VMP-12-11.5	11/13/2009												
		VMP-12-11.5-090310	9/3/2010												
		VMP-12-11.5-120310	12/3/2010												
		VMP-12-11.5-021511	2/15/2011												
		VMP-12-11.5-021511-DUP	2/15/2011												
		VMP-12-11.5-041911	4/19/2011												
		VMP-12-11.5-080411	8/4/2011												
		VMP-12-11.5-111611	11/16/2011												
		VMP-12-11.5-012412	1/24/2012												
		VMP-12-11.5-041912	4/19/2012												
		VMP-12-11.5-082012	8/20/2012												
		VMP-12-11.5-102612	10/26/2012												
		VMP-12-11.5-021813	2/18/2013												
		VMP-12-11.5-051013	5/10/2013												
		VMP-12-11.5-081213	8/12/2013												
		VMP-12-11.5-111413	11/14/2013												
		VMP-12-11.5-022814	2/28/2014												
		VMP-12-11.5-050214	5/2/2014												
		VMP-12-11.5-081514	8/15/2014												
		VMP-12-11.5-110714	11/7/2014												
		VMP-12-11.5-021115	2/11/2015												
		VMP-12-11.5-050715	5/7/2015												
		VMP-12-11.5-073115	7/31/2015												
		VMP-12-11.5-110415	11/4/2015												
		VMP-12-11.5-020316	2/3/2016												
		VMP-12-11.5-050416	5/4/2016												
		VMP-12-11.5-080316	8/3/2016												
		VMP-12-11.5-110316	11/3/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-12	25 ft	VMP-12-25	11/13/2009												
		VMP-12-25-090310	9/3/2010												
		VMP-12-25-120310	12/3/2010												
		VMP-12-25-021511	2/15/2011												
		VMP-12-25-041911	4/19/2011												
		VMP-12-25-080411	8/4/2011												
		VMP-12-25-111611	11/16/2011												
		VMP-12-25-012412	1/24/2012												
		VMP-12-25-012412-DUP	1/24/2012												
		VMP-12-25-041912	4/19/2012												
		VMP-12-25-072712	7/27/2012												
		VMP-12-25-072712-Dup	7/27/2012												
		VMP-12-25-102512	10/25/2012												
		VMP-12-25-021513	2/15/2013												
		VMP-12-25-051013	5/10/2013												
		VMP-12-25-081213	8/12/2013												
		VMP-12-25-111413	11/14/2013												
		VMP-12-25-022814	2/28/2014												
		VMP-12-25-050214	5/2/2014												
		VMP-12-25-081514	8/15/2014												
		VMP-12-25-110714	11/7/2014												
		VMP-12-25-021115	2/11/2015												
		VMP-12-25-050715	5/7/2015												
		VMP-12-25-073115	7/31/2015												
		VMP-12-25-110415	11/4/2015												
		VMP-12-25-021616	2/16/2016												
		VMP-12-25-021616-DUP	2/16/2016												
		VMP-12-25-050416	5/4/2016												
		VMP-12-25-080316	8/3/2016												
		VMP-12-25-103116	10/31/2016												
		VMP-12-25-103116-Dup	10/31/2016												
	39 ft	VMP-12-39	11/13/2009												
		VMP-12-39-041911	4/19/2011												
		VMP-12-39-012412	1/24/2012												
		VMP-12-39-041912	4/19/2012												
		VMP-12-39-072612	7/26/2012												
		VMP-12-39-102412	10/24/2012												
		VMP-12-39-021513	2/15/2013												
		VMP-12-39-051013	5/10/2013												
		VMP-12-39-081213	8/12/2013												
		VMP-12-39-111413	11/14/2013												
		VMP-12-39-022814	2/28/2014												
		VMP-12-39-050214	5/2/2014												
		VMP-12-39-081514	8/15/2014												
		VMP-12-39-081514-Dup	8/15/2014												
		VMP-12-39-110714	11/7/2014												
		VMP-12-39-021115	2/11/2015												
		VMP-12-39-050715	5/7/2015												
		VMP-12-39-050715-DUP	5/7/2015												
		VMP-12-39-061515-Dup-R	6/15/2015												
		VMP-12-39-061515-R	6/15/2015												
		VMP-12-39-073115	7/31/2015												
		VMP-12-39-073115-DUP	7/31/2015												
		VMP-12-39-110415	11/4/2015												
		VMP-12-39-020316	2/3/2016												
		VMP-12-39-050416	5/4/2016												
		VMP-12-39-080316	8/3/2016												
		VMP-12-39-110316	11/3/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5	11/16/2009												
		VMP 13-5-091310	9/13/2010												
		VMP-13-5-120110	12/1/2010												
		VMP-13-5-021811	2/18/2011												
		VMP-13-5-040511	4/5/2011												
		VMP-13-5-080911	8/9/2011												
		VMP-13-5-080911-DUP	8/9/2011												
		VMP-13-5-111411	11/14/2011												
		VMP-13-5-012712	1/27/2012												
		VMP-13-5-042012	4/20/2012												
		VMP-13-5-071912	7/19/2012												
		VMP-13-5-071912-Dup	7/19/2012												
		VMP-13-5-100912	10/9/2012												
		VMP-13-5-012913	1/29/2013												
		VMP-13-5-050113	5/1/2013												
		VMP-13-5-073113	7/31/2013												
		VMP-13-5-111513	11/15/2013												
		VMP-13-5-022114	2/21/2014												
		VMP-13-5-050114	5/1/2014												
		VMP-13-5-080814	8/8/2014												
		VMP-13-5-103014	10/30/2014												
		VMP-13-5-020515	2/5/2015												
		VMP-13-5-043015	4/30/2015												
		VMP-13-5-072715	7/27/2015												
		VMP-13-5-110215	11/2/2015												
		VMP-13-5-012616	1/26/2016												
		VMP-13-5-050316	5/3/2016												
		VMP-13-5-072916	7/29/2016												
		VMP-13-5-110216	11/2/2016												
	10.5 ft	VMP-13-10.5	11/17/2009												
		VMP-13-10.5-D	11/17/2009												
		VMP 13-10.5-091310	9/13/2010												
		VMP 13-10.5-091310-Dup	9/13/2010												
		VMP-13-10.5-120110	12/1/2010												
		VMP-13-10.5-120110-DUP	12/1/2010												
		VMP-13-10.5-021811	2/18/2011												
		VMP-13-10.5-021811-DUP	2/18/2011												
		VMP-13-10.5-040511-DUP	4/5/2011												
		VMP-13-10.5-080911	8/9/2011												
		VMP-13-10.5-111411	11/14/2011												
		VMP-13-10.5-012712	1/26/2012												
		VMP-13-10.5-012712-DUP	1/26/2012												
		VMP-13-10.5-042012	4/20/2012												
		VMP-13-10.5-071912	7/19/2012												
		VMP-13-10.5-100912	10/9/2012												
		VMP-13-10.5-100912-Dup	10/9/2012												
		VMP-13-10.5-013013	1/30/2013												
		VMP-13-10.5-050113	5/1/2013												
		VMP-13-10.5-073113	7/31/2013												
		VMP-13-10.5-092013	9/20/2013												
		VMP-13-10.5-111513	11/15/2013												
		VMP-13-10.5-111513-Dup	11/15/2013												
		VMP-13-10.5-022114	2/21/2014												
		VMP-13-10.5-050114	5/1/2014												
		VMP-13-10.5-080814	8/8/2014												
		VMP-13-10.5-103014	10/30/2014												
		VMP-13-10.5-020515	2/5/2015												
		VMP-13-10.5-043015	4/30/2015												
		VMP-13-10.5-072715	7/27/2015												
		VMP-13-10.5-110215	11/2/2015												
		VMP-13-10.5-012616	1/26/2016												
		VMP-13-10.5-050316	5/3/2016												
		VMP-13-10.5-072916	7/29/2016												
		VMP-13-10.5-110216	11/2/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-13	21.5 ft	VMP-13-21.5	11/17/2009												
		VMP 13-21.5-091310	9/13/2010												
		VMP-13-21.5-120110	12/1/2010												
		VMP-13-21.5-021811	2/18/2011												
		VMP-13-21.5-040511	4/5/2011												
		VMP-13-21.5-080911	8/9/2011												
		VMP-13-21.5-111411	11/14/2011												
		VMP-13-21.5-111411-DUP	11/14/2011												
		VMP-13-21.5-012712	1/27/2012												
		VMP-13-21.5-042012	4/20/2012												
		VMP-13-21.5-071912	7/19/2012												
		VMP-13-21.5-100912	10/9/2012												
		VMP-13-21.5-013013	1/30/2013												
		VMP-13-21.5-050113	5/1/2013												
		VMP-13-21.5-073113	7/31/2013												
		VMP-13-21.5-102813	10/28/2013												
		VMP-13-21.5-102813-Dup	10/28/2013												
		VMP-13-21.5-022114	2/21/2014												
		VMP-13-21.5-050114	5/1/2014												
		VMP-13-21.5-080814	8/8/2014												
		VMP-13-21.5-103014	10/30/2014												
		VMP-13-21.5-020515	2/5/2015												
		VMP-13-21.5-043015	4/30/2015												
		VMP-13-21.5-072715	7/27/2015												
		VMP-13-21.5-112515	11/25/2015												
		VMP-13-21.5-012616	1/26/2016												
		VMP-13-21.5-050316	5/3/2016												
		VMP-13-21.5-050316-DUP	5/3/2016												
		VMP-13-21.5-072916	7/29/2016												
		VMP-13-21.5-110216	11/2/2016												
	29.5 ft	VMP-13-29.5	11/17/2009												
		VMP-13-29.5-021811	2/18/2011												
		VMP-13-29.5-040511	4/5/2011												
		VMP-13-29.5-013012	1/30/2012												
		VMP-13-29.5-042012	4/20/2012												
		VMP-13-29.5-071912	7/19/2012												
		VMP-13-29.5-100912	10/9/2012												
		VMP-13-29.5-013013	1/30/2013												
		VMP-13-29.5-050113	5/1/2013												
		VMP-13-29.5-073113	7/31/2013												
		VMP-13-29.5-102813	10/28/2013												
		VMP-13-29.5-022114	2/21/2014												
		VMP-13-29.5-022114-Dup	2/21/2014												
		VMP-13-29.5-050114	5/1/2014												
		VMP-13-29.5-080814	8/8/2014												
		VMP-13-29.5-103014	10/30/2014												
		VMP-13-29.5-020515	2/5/2015												
		VMP-13-29.5-043015	4/30/2015												
		VMP-13-29.5-072715	7/27/2015												
		VMP-13-29.5-072715-DUP	7/27/2015												
		VMP-13-29.5-110215	11/2/2015												
		VMP-13-29.5-110215-DUP	11/2/2015												
		VMP-13-29.5-012616	1/26/2016												
		VMP-13-29.5-050316	5/3/2016												
		VMP-13-29.5-082616-R	8/29/2016												
		VMP-13-29.5-110216	11/2/2016												
		VMP-13-29.5-110216-Dup	11/2/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5	11/20/2009												
		VMP 14-5-091010	9/10/2010												
		VMP-14-5-120110	12/1/2010												
		VMP-14-5-021711	2/17/2011												
		VMP-14-5-040511	4/5/2011												
		VMP-14-5-080811	8/8/2011												
		VMP-14-5-111411	11/14/2011												
		VMP-14-5-042012	4/20/2012												
		VMP-14-5-072312	7/23/2012												
		VMP-14-5-101012	10/10/2012												
		VMP-14-5-013113	1/31/2013												
		VMP-14-5-050113	5/1/2013												
		VMP-14-5-111113	11/11/2013												
		VMP-14-5-022614	2/26/2014												
		VMP-14-5-050114	5/1/2014												
		VMP-14-5-081114	8/11/2014												
		VMP-14-5-103014	10/30/2014												
		VMP-14-5-020615	2/6/2015												
		VMP-14-5-043015	4/30/2015												
		VMP-14-5-072915	7/29/2015												
		VMP-14-5-110215	11/2/2015												
		VMP-14-5-012616	1/26/2016												
		VMP-14-5-050316	5/3/2016												
		VMP14-5-072916	7/29/2016												
		VMP-14-5-110216	11/2/2016												
	11.5 ft	VMP-14-11.5	11/16/2009												
		VMP 14-11.5-091010	9/10/2010												
		VMP-14-11.5-120110	12/2/2010												
		VMP-14-11.5-120110-DUP	12/2/2010												
		VMP-14-11.5-021711	2/17/2011												
		VMP-14-11.5-021711-DUP	2/17/2011												
		VMP-14-11.5-040511	4/5/2011												
		VMP-14-11.5-080811	8/8/2011												
		VMP-14-11.5-111511	11/15/2011												
		VMP-14-11.5-012612	1/26/2012												
		VMP-14-11.5-042312	4/23/2012												
		VMP-14-11.5-042312-Dup	4/23/2012												
		VMP-14-11.5-072512	7/25/2012												
		VMP-14-11.5-101012	10/10/2012												
		VMP-14-11.5-013113	1/31/2013												
		VMP-14-11.5-050113	5/1/2013												
		VMP-14-11.5-080113	8/1/2013												
		VMP-14-11.5-111113	11/11/2013												
		VMP-14-11.5-022614	2/26/2014												
		VMP-14-11.5-050114	5/1/2014												
		VMP-14-11.5-081114	8/11/2014												
		VMP-14-11.5-103014	10/30/2014												
		VMP-14-11.5-020615	2/6/2015												
		VMP-14-11.5-043015	4/30/2015												
		VMP-14-11.5-072915	7/29/2015												
		VMP-14-11.5-110215	11/2/2015												
		VMP-14-11.5-012616	1/26/2016												
		VMP-14-11.5-050316	5/3/2016												
		VMP-14-11.5-072916	7/29/2016												
		VMP-14-11.5-110216	11/2/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-14	20 ft	VMP-14-20	11/16/2009												
		VMP 14-20-091010	9/10/2010												
		VMP 14-20-091010-Dup	9/10/2010												
		VMP-14-20-120110	12/2/2010												
		VMP-14-20-021811	2/18/2011												
		VMP-14-20-040511	4/5/2011												
		VMP-14-20-080811	8/8/2011												
		VMP-14-20-111511	11/15/2011												
		VMP-14-20-012612	1/26/2012												
		VMP-14-20-042312	4/23/2012												
		VMP-14-20-072512	7/25/2012												
		VMP-14-20-101612	10/16/2012												
		VMP-14-20-013113	1/31/2013												
		VMP-14-20-050113	5/1/2013												
		VMP-14-20-050113-Dup	5/1/2013												
		VMP-14-20-080113	8/1/2013												
		VMP-14-20-111113	11/11/2013												
		VMP-14-20-022614	2/26/2014												
		VMP-14-20-050114	5/1/2014												
		VMP-14-20-081114	8/11/2014												
		VMP-14-20-103014	10/30/2014												
		VMP-14-20-020615	2/6/2015												
		VMP-14-20-043015	4/30/2015												
		VMP-14-20-072915	7/29/2015												
		VMP-14-20-110215	11/2/2015												
		VMP-14-20-012616	1/26/2016												
		VMP-14-20-050416	5/4/2016												
		VMP-14-20-072916	7/29/2016												
	29 ft	VMP-14-29	11/16/2009												
		VMP-14-29-021811	2/18/2011												
		VMP-14-29-040511	4/5/2011												
		VMP-14-29-012612	1/26/2012												
		VMP-14-29-042312	4/23/2012												
		VMP-14-29-072512	7/25/2012												
		VMP-14-29-101612	10/16/2012												
		VMP-14-29-013113-DUP	1/31/2013												
		VMP-14-29-013113	1/31/2013												
		VMP-14-29-050213	5/2/2013												
		VMP-14-29-080113	8/1/2013												
		VMP-14-29-111113	11/11/2013												
		VMP-14-29-022614	2/26/2014												
		VMP-14-29-022614-Dup	2/26/2014												
		VMP-14-29-050114	5/1/2014												
		VMP-14-29-050114-Dup	5/1/2014												
		VMP-14-29-081114	8/11/2014												
		VMP-14-29-081114-DUP	8/11/2014												
		VMP-14-29-103014	10/30/2014												
		VMP-14-29-020615	2/6/2015												
		VMP-14-29-043015	4/30/2015												
		VMP-14-29-043015-DUP	4/30/2015												
		VMP-14-29-072915	7/29/2015												
		VMP-14-29-110215	11/2/2015												
		VMP-14-29-012616	1/26/2016												
		VMP-14-29-012616-DUP	1/26/2016												
		VMP-14-29-050316	5/3/2016												
		VMP-14-29-072916	7/29/2016												
		VMP-14-29-072916-DUP	7/29/2016												
		VMP-14-29-110216	11/2/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-15	5 ft	VMP-15-5	11/18/2009												
		VMP-15-5-D	11/18/2009												
		VMP 15-5-091410	9/14/2010												
		VMP-15-5-113010	11/30/2010												
		VMP-15-5-021611	2/16/2011												
		VMP-15-5-042011	4/20/2011												
		VMP-15-5-080811	8/8/2011												
		VMP-15-5-111511	11/15/2011												
		VMP-15-5-020112	2/1/2012												
		VMP-15-5-042412	4/24/2012												
		VMP-15-5-072512	7/25/2012												
		VMP-15-5-102512	10/25/2012												
		VMP-15-5-020513	2/5/2013												
		VMP-15-5-050913	5/9/2013												
		VMP-15-5-080813	8/8/2013												
		VMP-15-5-111113	11/11/2013												
		VMP-15-5-022714	2/27/2014												
		VMP-15-5-050514	5/5/2014												
		VMP-15-5-081414	8/14/2014												
		VMP-15-5-110614	11/6/2014												
		VMP-15-5-020615	2/6/2015												
		VMP-15-5-050415	5/4/2015												
		VMP-15-5-072915	7/29/2015												
		VMP-15-5-110415	11/4/2015												
		VMP-15-5-020316	2/3/2016												
		VMP-15-5-050316	5/3/2016												
		VMP-15-5-080216	8/2/2016												
		VMP-15-5-110116	11/1/2016												
	21.5 ft	VMP-15-21.5	11/18/2009												
		VMP 15-21.5-091410	9/14/2010												
		VMP-15-21.5-113010	11/30/2010												
		VMP-15-21.5-021611	2/16/2011												
		VMP-15-21.5-042011	4/20/2011												
		VMP-15-21.5-080811	8/8/2011												
		VMP-15-21.5-111511	11/15/2011												
		VMP-15-21.5-020112	2/1/2012												
		VMP-15-21.5-042412	4/24/2012												
		VMP-15-21.5-072512	7/25/2012												
		VMP-15-21.5-102512	10/25/2012												
		VMP-15-21.5-102512-Dup	10/25/2012												
		VMP-15-21.5-020713	2/7/2013												
		VMP-15-21.5-051513	5/15/2013												
		VMP-15-21.5-080813	8/8/2013												
		VMP-15-21.5-111113	11/11/2013												
		VMP-15-21.5-111113-Dup	11/11/2013												
		VMP-15-21.5-022714	2/27/2014												
		VMP-15-21.5-050514	5/5/2014												
		VMP-15-21.5-081414	8/14/2014												
		VMP-15-21.5-110614	11/6/2014												
		VMP-15-21.5-020615	2/6/2015												
		VMP-15-21.5-050415	5/4/2015												
		VMP-15-21.5-072915	7/29/2015												
		VMP-15-21.5-110415	11/4/2015												
		VMP-15-21.5-020316	2/3/2016												
		VMP-15-21.5-050316	5/3/2016												
		VMP-15-21.5-080216	8/2/2016												
		VMP-15-21.5-110116	11/1/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-15	25.5 ft	VMP-15-25.5	11/18/2009												
		VMP 15-25.5-091410	9/14/2010												
		VMP-15-25.5-021611	2/16/2011												
		VMP-15-25.5-042011	4/20/2011												
		VMP-15-25.5-042011-DUP	4/20/2011												
		VMP-15-25.5-080811	8/8/2011												
		VMP-15-25.5-111511	11/15/2011												
		VMP-15-25.5-073112	7/31/2012												
		VMP-15-25.5-102512	10/25/2012												
		VMP-15-25.5-021213	2/12/2013												
		VMP-15-25.5-050913	5/9/2013												
		VMP-15-25.5-080813	8/8/2013												
		VMP-15-25.5-111113	11/11/2013												
		VMP-15-25.5-022714	2/27/2014												
		VMP-15-25.5-050514	5/5/2014												
		VMP-15-25.5-081414	8/14/2014												
		VMP-15-25.5-110614	11/6/2014												
		VMP-15-25.5-110614-DUP	11/6/2014												
		VMP-15-25.5-020615	2/6/2015												
		VMP-15-25.5-050415	5/4/2015												
		VMP-15-25.5-072915	7/29/2015												
		VMP-15-25.5-110415	11/4/2015												
		VMP-15-25.5-020316	2/3/2016												
		VMP-15-25.5-050316	5/3/2016												
		VMP-15-25.5-080216	8/2/2016												
		VMP-15-25.5-110116	11/1/2016												
		VMP-15-25.5-110116-Dup	11/1/2016												
	29 ft	VMP-15-29	11/19/2009												
		VMP-15-29-073112	7/31/2012												
		VMP-15-29-102512	10/25/2012												
		VMP-15-29-021213	2/12/2013												
		VMP-15-29-050913	5/9/2013												
		VMP-15-29-080813	8/8/2013												
		VMP-15-29-111113	11/11/2013												
		VMP-15-29-022714	2/27/2014												
		VMP-15-29-022714-Dup	2/27/2014												
		VMP-15-29-081414	8/14/2014												
		VMP-15-29-110614	11/6/2014												
		VMP-15-29-020615	2/6/2015												
		VMP-15-29-020615-DUP	2/6/2015												
		VMP-15-29-050415	5/4/2015												
		VMP-15-29-072915	7/29/2015												
		VMP-15-29-072915-DUP	7/29/2015												
		VMP-15-29-110415	11/4/2015												
		VMP-15-29-020316	2/3/2016												
		VMP-15-29-050316	5/3/2016												
		VMP-15-29-080216	8/2/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5	11/20/2009												
		VMP-16-5-090210	9/2/2010												
		VMP-16-5-112910	11/29/2010												
		VMP-16-5-021511	2/15/2011												
		VMP-16-5-042211	4/22/2011												
		VMP-16-5-080511	8/5/2011												
		VMP-16-5-042512	4/25/2012												
		VMP-16-5-073012	7/30/2012												
		VMP-16-5-102512	10/25/2012												
		VMP-16-5-021413	2/14/2013												
		VMP-16-5-042313	4/23/2013												
		VMP-16-5-081313	8/13/2013												
		VMP-16-5-111513	11/15/2013												
		VMP-16-5-030614	3/6/2014												
		VMP-16-5-050214	5/2/2014												
		VMP-16-5-081514	8/15/2014												
		VMP-16-5-110714	11/7/2014												
		VMP-16-5-021115	2/11/2015												
		VMP-16-5-050715	5/7/2015												
		VMP-16-5-073115	7/31/2015												
		VMP-16-5-110415	11/4/2015												
		VMP-16-5-020316	2/3/2016												
		VMP-16-5-050416	5/4/2016												
		VMP-16-5-080316	8/3/2016												
		VMP-16-5-103116	10/31/2016												
	13.5 ft	VMP-16-13.5	11/19/2009												
		VMP-16-13.5-090210	9/2/2010												
		VMP-16-13.5-090210-DUP	9/2/2010												
		VMP-16-13.5-112910	11/29/2010												
		VMP-16-13.5-021611	2/16/2011												
		VMP-16-13.5-021611-DUP	2/16/2011												
		VMP-16-13.5-042211	4/22/2011												
		VMP-16-13.5-080511	8/5/2011												
		VMP-16-13.5-042512	4/25/2012												
		VMP-16-13.5-073012	7/30/2012												
		VMP-16-13.5-102512	10/25/2012												
		VMP-16-13.5-021413	2/14/2013												
		VMP-16-13.5-042313	4/23/2013												
		VMP-16-13.5-081313	8/13/2013												
		VMP-16-13.5-081313-Dup	8/13/2013												
		VMP-16-13.5-111513	11/15/2013												
		VMP-16-13.5-030614	3/6/2014												
		VMP-16-13.5-050214	5/2/2014												
		VMP-16-13.5-050214-Dup	5/2/2014												
		VMP-16-13.5-081514	8/15/2014												
		VMP-16-13.5-110714	11/7/2014												
		VMP-16-13.5-110714-DUP	11/7/2014												
		VMP-16-13.5-021115	2/11/2015												
		VMP-16-13.5-050715	5/7/2015												
		VMP-16-13.5-073115	7/31/2015												
		VMP-16-13.5-110415	11/4/2015												
		VMP-16-13.5-020316	2/3/2016												
		VMP-16-13.5-052516-R	5/25/2016												
		VMP-16-13.5-080316	8/3/2016												
		VMP-16-13.5-103116	10/31/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-16	19 ft	VMP-16-19	11/19/2009												
		VMP-16-19-090210	9/2/2010												
		VMP-16-19-112910	11/29/2010												
		VMP-16-19-021611	2/16/2011												
		VMP-16-19-042711	4/27/2011												
		VMP-16-19-042711-DUP	4/27/2011												
		VMP-16-19-042512	4/25/2012												
		VMP-16-19-073012	7/30/2012												
		VMP-16-19-102512	10/25/2012												
		VMP-16-19-021413	2/14/2013												
		VMP-16-19-042313	4/23/2013												
		VMP-16-19-081313	8/13/2013												
		VMP-16-19-111513	11/15/2013												
		VMP-16-19-111513-Dup	11/15/2013												
		VMP-16-19-030614	3/6/2014												
		VMP-16-19-050214	5/2/2014												
		VMP-16-19-081514	8/15/2014												
		VMP-16-19-110714	11/7/2014												
		VMP-16-19-120214-R	12/2/2014												
		VMP-16-19-021115	2/11/2015												
		VMP-16-19-050715	5/7/2015												
		VMP-16-19-073115	7/31/2015												
		VMP-16-19-110415	11/4/2015												
		VMP-16-19-020316	2/3/2016												
		VMP-16-19-050416	5/4/2016												
		VMP-16-19-080316	8/3/2016												
		VMP-16-19-103116	10/31/2016												
	31 ft	VMP-16-31	11/19/2009												
		VMP-16-31-D	11/19/2009												
		VMP-16-31-090310	9/3/2010												
		VMP-16-31-112910	11/29/2010												
		VMP-16-31-042512	4/25/2012												
		VMP-16-31-073012	7/30/2012												
		VMP-16-31-102512	10/25/2012												
		VMP-16-31-021813	2/18/2013												
		VMP-16-31-042313	4/23/2013												
		VMP-16-31-081313	8/13/2013												
		VMP-16-31-111513	11/15/2013												
		VMP-16-31-030614	3/6/2014												
		VMP-16-31-050214	5/2/2014												
		VMP-16-31-081514	8/15/2014												
		VMP-16-31-081514-Dup	8/15/2014												
		VMP-16-31-110714	11/7/2014												
		VMP-16-31-021115	2/11/2015												
		VMP-16-31-050715	5/7/2015												
		VMP-16-31-073115	7/31/2015												
		VMP-16-31-073115-DUP	7/31/2015												
		VMP-16-31-110415	11/4/2015												
		VMP-16-31-020316	2/3/2016												
		VMP-16-31-020316-DUP	2/3/2016												
		VMP-16-31-050416	5/4/2016												
		VMP-16-31-050416-DUP	5/4/2016												
		VMP-16-31-080316	8/3/2016												
		VMP-16-31-103116	10/31/2016												
		VMP-16-31-103116-Dup	10/31/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-17	5 ft	VMP-17-5	6/21/2010												
		VMP-17-5-DUP	6/21/2010												
		VMP-17-5-090110	9/1/2010												
		VMP-17-5-112210	11/22/2010												
		VMP-17-5-020711	2/7/2011												
		VMP-17-5-040611	4/6/2011												
		VMP-17-5-080111	8/1/2011												
		VMP-17-5-110711	11/7/2011												
		VMP-17-5-012612	1/26/2012												
		VMP-17-5-041112	4/11/2012												
		VMP-17-5-071112	7/11/2012												
		VMP-17-5-100912	10/9/2012												
		VMP-17-5-013113	1/31/2013												
		VMP-17-5-013113-DUP	1/31/2013												
		VMP-17-5-050113	5/1/2013												
		VMP-17-5-072913	7/29/2013												
		VMP-17-5-072913-Dup	7/29/2013												
		VMP-17-5-110813	11/8/2013												
		VMP-17-5-021114	2/11/2014												
		VMP-17-5-042214	4/22/2014												
		VMP-17-5-073114	7/31/2014												
		VMP-17-5-103014	10/30/2014												
		VMP-17-5-020415	2/4/2015												
		VMP-17-5-050115	5/1/2015												
		VMP-17-5-072815	7/28/2015												
		VMP-17-5-102915	10/29/2015												
		VMP-17-5-020216	2/2/2016												
		VMP-17-5-050216	5/2/2016												
		VMP-17-5-072516	7/25/2016												
		VMP-17-5-103116	10/31/2016												
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010												
		VMP-18-8.5-090710	9/7/2010												
		VMP-18-8.5-111910	11/19/2010												
		VMP-18-8.5-020711	2/7/2011												
		VMP-18-8.5-020711-DUP	2/7/2011												
		VMP-18-8.5-040711	4/7/2011												
		VMP-18-8.5-072811	7/28/2011												
		VMP-18-8.5-110711	11/7/2011												
		VMP-18-8.5-012312	1/23/2012												
		VMP-18-8.5-041012	4/10/2012												
		VMP-18-8.5-071212	7/12/2012												
		VMP-18-8.5-100912	10/9/2012												
		VMP-18-8.5-012313	1/23/2013												
		VMP-18-8.5-050113	5/1/2013												
		VMP-18-8.5-072913	7/29/2013												
		VMP-18-8.5-102513	10/25/2013												
		VMP-18-8.5-102513-Dup	10/25/2013												
		VMP-18-8.5-020614	2/6/2014												
		VMP-18-8.5-042214	4/22/2014												
		VMP-18-8.5-042214-Dup	4/22/2014												
		VMP-18-8.5-073114	7/31/2014												
		VMP-18-8.5-110314	11/3/2014												
		VMP-18-8.5-020415	2/4/2015												
		VMP-18-8.5-050115	5/1/2015												
		VMP-18-8.5-050115-DUP	5/1/2015												
		VMP-18-8.5-072815	7/28/2015												
		VMP-18-8.5-102915	10/29/2015												
		VMP-18-8.5-020216	2/2/2016												
		VMP-18-8.5-050516	5/5/2016												
		VMP-18-8.5-072516	7/25/2016												
		VMP-18-8.5-102516	10/26/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-19	5 ft	VMP-19-5	6/18/2010												
		VMP-19-5-090110	9/1/2010												
		VMP-19-5-111510	11/15/2010												
		VMP-19-5-020411	2/4/2011												
		VMP-19-5-040711	4/7/2011												
		VMP-19-5-080911	8/9/2011												
		VMP-19-5-080911-DUP	8/9/2011												
		VMP-19-5-110811	11/8/2011												
		VMP-19-5-012612	1/26/2012												
		VMP-19-5-041012	4/10/2012												
		VMP-19-5-071112	7/11/2012												
		VMP-19-5-100912	10/9/2012												
		VMP-19-5-013113	1/31/2013												
		VMP-19-5-043013	4/30/2013												
		VMP-19-5-073113	7/31/2013												
		VMP-19-5-102513	10/25/2013												
		VMP-19-5-020614	2/6/2014												
		VMP-19-5-042214	4/22/2014												
		VMP-19-5-073114	7/31/2014												
		VMP-19-5-110314	11/3/2014												
		VMP-19-5-020415	2/4/2015												
		VMP-19-5-050115	5/1/2015												
		VMP-19-5-072815	7/28/2015												
		VMP-19-5-102615	10/26/2015												
		VMP-19-5-020216	2/2/2016												
		VMP-19-5-050616	5/6/2016												
		VMP-19-5-072816	7/28/2016												
		VMP-19-5-102516	10/26/2016												
VMP-20	5 ft	VMP-20-5-031411	3/14/2011												
		VMP-20-5-041511	4/15/2011												
		VMP-20-5-072511	7/25/2011												
		VMP-20-5-110111	11/1/2011												
		VMP-20-5-012312	1/23/2012												
		VMP-20-5-041012	4/10/2012												
		VMP-20-5-071112	7/11/2012												
		VMP-20-5-073112	7/31/2012												
		VMP-20-5-100412	10/4/2012												
		VMP-20-5-020713	2/7/2013												
		VMP-20-5-041913	4/19/2013												
		VMP-20-5-072313	7/23/2013												
		VMP-20-5-110113	11/1/2013												
		VMP-20-5-021014	2/10/2014												
		VMP-20-5-042114	4/21/2014												
		VMP-20-5-072514	7/25/2014												
		VMP-20-5-102714	10/27/2014												
		VMP-20-5-012715	1/27/2015												
		VMP-20-5-042715	4/27/2015												
		VMP-20-5-072015	7/20/2015												
		VMP-20-5-102015	10/20/2015												
		VMP-20-5-021616	2/16/2016												
		VMP-20-5-042516	4/25/2016												
		VMP-20-5-072216	7/22/2016												
		VMP-20-5-102616	10/26/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-20	10 ft	VMP-20-10-031411	3/14/2011												
		VMP-20-10-041511	4/15/2011												
		VMP-20-10-072511	7/25/2011												
		VMP-20-10-110111	11/1/2011												
		VMP-20-10-012312	1/23/2012												
		VMP-20-10-041012	4/10/2012												
		VMP-20-10-071112	7/11/2012												
		VMP-20-10-100412	10/4/2012												
		VMP-20-10-012213	1/22/2013												
		VMP-20-10-041913	4/19/2013												
		VMP-20-10-072313	7/23/2013												
		VMP-20-10-110113	11/1/2013												
		VMP-20-10-110113-Dup	11/1/2013												
		VMP-20-10-021014	2/10/2014												
		VMP-20-10-042114	4/21/2014												
		VMP-20-10-072514	7/25/2014												
		VMP-20-10-102714	10/27/2014												
		VMP-20-10-012715	1/27/2015												
		VMP-20-10-012715-DUP	1/27/2015												
		VMP-20-10-042715	4/27/2015												
		VMP-20-10-072015	7/20/2015												
		VMP-20-10-102015	10/20/2015												
		VMP-20-10-102015-DUP	10/20/2015												
		VMP-20-10-021616	2/16/2016												
		VMP-20-10-042516	4/25/2016												
		VMP-20-10-072216	7/22/2016												
		VMP-20-10-102616	10/26/2016												
	25 ft	VMP-20-25-031411	3/14/2011												
		VMP-20-25-041511	4/15/2011												
		VMP-20-25-072611	7/26/2011												
		VMP-20-25-110511	11/5/2011												
		VMP-20-25-012312	1/23/2012												
		VMP-20-25-041012	4/10/2012												
		VMP-20-25-041012-Dup	4/10/2012												
		VMP-20-25-071112	7/11/2012												
		VMP-20-25-100412	10/4/2012												
		VMP-20-25-012213	1/22/2013												
		VMP-20-25-041913	4/19/2013												
		VMP-20-25-072313	7/23/2013												
		VMP-20-25-110113	11/1/2013												
		VMP-20-25-021014	2/10/2014												
		VMP-20-25-042114	4/21/2014												
		VMP-20-25-072514	7/25/2014												
		VMP-20-25-102714	10/27/2014												
		VMP-20-25-012715	1/27/2015												
		VMP-20-25-042715	4/27/2015												
		VMP-20-25-072015	7/20/2015												
		VMP-20-25-102015	10/20/2015												
		VMP-20-25-020216	2/2/2016												
		VMP-20-25-042516	4/25/2016												
		VMP-20-25-072216	7/22/2016												
		VMP-20-25-102616	10/26/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-20	39.5 ft	VMP-20-39.5-042114	4/21/2014												
		VMP-20-39.5-042715	4/27/2015												
		VMP-20-39.5-042715-DUP	4/27/2015												
		VMP-20-39.5-072015	7/20/2015												
		VMP-20-39.5-072015-DUP	7/20/2015												
		VMP-20-39.5-100412	10/4/2012												
		VMP-20-39.5-012313	1/23/2013												
		VMP-20-39.5-041913	4/19/2013												
		VMP-20-39.5-072313	7/23/2013												
		VMP-20-39.5-110113	11/1/2013												
		VMP-20-39.5-021014	2/10/2014												
		VMP-20-39.5-021014-Dup	2/10/2014												
		VMP-20-39.5-072514	7/25/2014												
		VMP-20-39.5-072514-Dup	7/25/2014												
		VMP-20-39.5-102714	10/27/2014												
		VMP-20-39.5-012715	1/27/2015												
		VMP-20-39.5-102015	10/20/2015												
		VMP-20-39.5-020216	2/2/2016												
		VMP-20-39.5-020216-DUP	2/2/2016												
VMP-21	5 ft	VMP-21-5-020911	2/9/2011												
		VMP-21-5-020911-DUP	2/9/2011												
		VMP-21-5-041311	4/13/2011												
		VMP-21-5-072511	7/25/2011												
		VMP-21-5-110111	11/1/2011												
		VMP-21-5-012312	1/23/2012												
		VMP-21-5-012312-DUP	1/23/2012												
		VMP-21-5-042412	4/24/2012												
		VMP-21-5-071012	7/10/2012												
		VMP-21-5-100412	10/4/2012												
		VMP-21-5-020613	2/6/2013												
		VMP-21-5-051013	5/10/2013												
		VMP-21-5-072313	7/23/2013												
		VMP-21-5-102113	10/21/2013												
		VMP-21-5-022414	2/24/2014												
		VMP-21-5-042114	4/21/2014												
		VMP-21-5-072814	7/28/2014												
		VMP-21-5-102714	10/27/2014												
		VMP-21-5-012715	1/27/2015												
		VMP-21-5-042715	4/27/2015												
		VMP-21-5-072015	7/20/2015												
		VMP-21-5-102315	10/23/2015												
		VMP-21-5-012616	1/26/2016												
		VMP-21-5-042716	4/27/2016												
		VMP-21-5-072616	7/26/2016												
		VMP-21-5-102416	10/24/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011												
		VMP-21-10-041311	4/13/2011												
		VMP-21-10-072511	7/25/2011												
		VMP-21-10-110111	11/1/2011												
		VMP-21-10-012312	1/23/2012												
		VMP-21-10-040912	4/9/2012												
		VMP-21-10-071012	7/10/2012												
		VMP-21-10-100412	10/4/2012												
		VMP-21-10-020513	2/5/2013												
		VMP-21-10-020513-DUP	2/5/2013												
		VMP-21-10-051013	5/10/2013												
		VMP-21-10-072313	7/23/2013												
		VMP-21-10-102113	10/21/2013												
		VMP-21-10-022414	2/24/2014												
		VMP-21-10-042114	4/21/2014												
		VMP-21-10-072814	7/28/2014												
		VMP-21-10-102714	10/27/2014												
		VMP-21-10-012715	1/27/2015												
		VMP-21-10-042715	4/27/2015												
		VMP-21-10-072015	7/20/2015												
		VMP-21-10-102315	10/23/2015												
		VMP-21-10-012616	1/26/2016												
		VMP-21-10-042716	4/27/2016												
		VMP-21-10-072616	7/26/2016												
		VMP-21-10-102416	10/24/2016												
	25 ft	VMP-21-25-021011	2/10/2011												
		VMP-21-25-041411	4/14/2011												
		VMP-21-25-041411-DUP	4/14/2011												
		VMP-21-25-072611	7/26/2011												
		VMP-21-25-110511	11/5/2011												
		VMP-21-25-012412	1/24/2012												
		VMP-21-25-040912	4/9/2012												
		VMP-21-25-071112	7/11/2012												
		VMP-21-25-100412	10/4/2012												
		VMP-21-25-020513	2/5/2013												
		VMP-21-25-020513-DUP	2/5/2013												
		VMP-21-25-051013	5/10/2013												
		VMP-21-25-072313	7/23/2013												
		VMP-21-25-102113	10/21/2013												
		VMP-21-25-042114	4/21/2014												
		VMP-21-25-072814	7/28/2014												
		VMP-21-25-102714	10/27/2014												
		VMP-21-25-012715	1/27/2015												
		VMP-21-25-042715	4/27/2015												
		VMP-21-25-072015	7/20/2015												
		VMP-21-25-102315	10/23/2015												
		VMP-21-25-012616	1/26/2016												
		VMP-21-25-042716	4/27/2016												
		VMP-21-25-072616	7/26/2016												
		VMP-21-25-102416	10/24/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-021011	2/10/2011												
		VMP-21-33-041411	4/14/2011												
		VMP-21-33-110511	11/5/2011												
		VMP-21-33-012412	1/24/2012												
		VMP-21-33-042412	4/24/2012												
		VMP-21-33-071112	7/11/2012												
		VMP-21-33-100412	10/4/2012												
		VMP-21-33-020513	2/5/2013												
		VMP-21-33-051013	5/10/2013												
		VMP-21-33-102113	10/21/2013												
		VMP-21-33-102113-DUP	10/21/2013												
		VMP-21-33-022414	2/24/2014												
		VMP-21-33-022414-Dup	2/24/2014												
		VMP-21-33-042114	4/21/2014												
		VMP-21-33-072814	7/28/2014												
		VMP-21-33-102714	10/27/2014												
		VMP-21-33-102714-DUP	10/27/2014												
		VMP-21-33-012715	1/27/2015												
		VMP-21-33-072015	7/20/2015												
		VMP-21-33-102315	10/23/2015												
		VMP-21-33-102315-DUP	10/23/2015												
		VMP-21-33-042716	4/27/2016												
		VMP-21-33-072616	7/26/2016												
		VMP-21-33-102416	10/24/2016												
VMP-22	5 ft	VMP-22-5-021111	2/11/2011												
		VMP-22-5-041811	4/18/2011												
		VMP-22-5-072611	7/26/2011												
		VMP-22-5-110111	11/1/2011												
		VMP-22-5-012412	1/24/2012												
		VMP-22-5-040912	4/9/2012												
		VMP-22-5-070912	7/9/2012												
		VMP-22-5-100312	10/3/2012												
		VMP-22-5-100312-Dup	10/3/2012												
		VMP-22-5-012413	1/24/2013												
		VMP-22-5-041913	4/19/2013												
		VMP-22-5-072313	7/23/2013												
		VMP-22-5-072313-Dup	7/23/2013												
		VMP-22-5-101813	10/18/2013												
		VMP-22-5-021314	2/13/2014												
		VMP-22-5-042214	4/22/2014												
		VMP-22-5-072814	7/28/2014												
		VMP-22-5-102414	10/24/2014												
		VMP-22-5-012715	1/27/2015												
		VMP-22-5-042715	4/27/2015												
		VMP-22-5-072015	7/20/2015												
		VMP-22-5-012616	1/26/2016												
		VMP-22-5-042616	4/26/2016												
		VMP-22-5-072216	7/22/2016												
		VMP-22-5-102716	10/27/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011												
		VMP-22-10-041811	4/18/2011												
		VMP-22-10-072611	7/26/2011												
		VMP-22-10-072611-DUP	7/26/2011												
		VMP-22-10-110211	11/2/2011												
		VMP-22-10-012412	1/24/2012												
		VMP-22-10-040912	4/9/2012												
		VMP-22-10-070912	7/9/2012												
		VMP-22-10-070912-Dup	7/9/2012												
		VMP-22-10-100312	10/3/2012												
		VMP-22-10-012413	1/24/2013												
		VMP-22-10-041913	4/19/2013												
		VMP-22-10-072313	7/23/2013												
		VMP-22-10-101813	10/18/2013												
		VMP-22-10-021314	2/13/2014												
		VMP-22-10-042214	4/22/2014												
		VMP-22-10-072814	7/28/2014												
		VMP-22-10-102414	10/24/2014												
		VMP-22-10-012715	1/27/2015												
		VMP-22-10-042715	4/27/2015												
		VMP-22-10-072015	7/20/2015												
		VMP-22-10-102315	10/23/2015												
		VMP-22-10-012616	1/26/2016												
		VMP-22-10-042616	4/26/2016												
		VMP-22-10-072216	7/22/2016												
		VMP-22-10-102716	10/27/2016												
	18 ft	VMP-22-18-021111	2/11/2011												
		VMP-22-18-041811	4/18/2011												
		VMP-22-18-072611	7/26/2011												
		VMP-22-18-110511	11/5/2011												
		VMP-22-18-012412	1/24/2012												
		VMP-22-18-040912	4/9/2012												
		VMP-22-18-070912	7/9/2012												
		VMP-22-18-100412	10/4/2012												
		VMP-22-18-012413	1/24/2013												
		VMP-22-18-042213	4/22/2013												
		VMP-22-18-072913	7/29/2013												
		VMP-22-18-101813	10/18/2013												
		VMP-22-18-021314	2/13/2014												
		VMP-22-18-042214	4/22/2014												
		VMP-22-18-072814	7/28/2014												
		VMP-22-18-102414	10/24/2014												
		VMP-22-18-012715	1/27/2015												
		VMP-22-18-012715-DUP	1/27/2015												
		VMP-22-18-042715	4/27/2015												
		VMP-22-18-072015	7/20/2015												
		VMP-22-18-102315	10/23/2015												
		VMP-22-18-012616	1/26/2016												
		VMP-22-18-042616	4/26/2016												
		VMP-22-18-072216	7/22/2016												
		VMP-22-18-102716	10/27/2016												

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CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-22	38 ft	VMP-22-38-041811	4/18/2011												
		VMP-22-38-012512	1/25/2012												
		VMP-22-38-040912	4/9/2012												
		VMP-22-38-070912	7/9/2012												
		VMP-22-38-100412	10/4/2012												
		VMP-22-38-012413	1/24/2013												
		VMP-22-38-042213	4/22/2013												
		VMP-22-38-072913	7/29/2013												
		VMP-22-38-101813	10/18/2013												
		VMP-22-38-021314	2/13/2014												
		VMP-22-38-021314-Dup	2/13/2014												
		VMP-22-38-042214	4/22/2014												
		VMP-22-38-072814	7/28/2014												
		VMP-22-38-072814-DUP	7/28/2014												
		VMP-22-38-102414	10/24/2014												
		VMP-22-38-102414-DUP	10/24/2014												
		VMP-22-38-012715	1/27/2015												
		VMP-22-38-042715	4/27/2015												
		VMP-22-38-042715-DUP	4/27/2015												
		VMP-22-38-072015	7/20/2015												
		VMP-22-38-072015-DUP	7/20/2015												
		VMP-22-38-102315	10/23/2015												
		VMP-22-38-012616-DUP	1/26/2016												
		VMP-22-38-042616	4/26/2016												
		VMP-22-38-072216	7/22/2016												
		VMP-22-38-072216-DUP	7/22/2016												
		VMP-22-38-102716	10/27/2016												
		VMP-22-38-102716-Dup	10/27/2016												
VMP-23	5 ft	VMP-23-5-021511	2/15/2011												
		VMP-23-5-042111	4/21/2011												
		VMP-23-5-072711	7/27/2011												
		VMP-23-5-110211	11/2/2011												
		VMP-23-5-012512	1/25/2012												
		VMP-23-5-040912	4/9/2012												
		VMP-23-5-070912	7/9/2012												
		VMP-23-5-100312	10/3/2012												
		VMP-23-5-012413	1/24/2013												
		VMP-23-5-042213	4/22/2013												
		VMP-23-5-072313	7/23/2013												
		VMP-23-5-101813	10/18/2013												
		VMP-23-5-021314	2/13/2014												
		VMP-23-5-042114	4/21/2014												
		VMP-23-5-080514	8/5/2014												
		VMP-23-5-102414	10/24/2014												
		VMP-23-5-012715	1/27/2015												
		VMP-23-5-042715	4/27/2015												
		VMP-23-5-072015	7/20/2015												
		VMP-23-5-102615	10/26/2015												
		VMP-23-5-012516	1/25/2016												
		VMP-23-5-062816	6/28/2016												
		VMP-23-5-072216	7/22/2016												
		VMP-23-5-101916	10/19/2016												

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CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011												
		VMP-23-10-042111	4/21/2011												
		VMP-23-10-072711	7/27/2011												
		VMP-23-10-110211	11/2/2011												
		VMP-23-10-012512	1/25/2012												
		VMP-23-10-040912	4/9/2012												
		VMP-23-10-040912-Dup	4/9/2012												
		VMP-23-10-070912	7/9/2012												
		VMP-23-10-100312	10/3/2012												
		VMP-23-10-012413	1/24/2013												
		VMP-23-10-042213	4/22/2013												
		VMP-23-10-072313	7/23/2013												
		VMP-23-10-101813	10/18/2013												
		VMP-23-10-101813-DUP	10/18/2013												
		VMP-23-10-021314	2/13/2014												
		VMP-23-10-042114	4/21/2014												
		VMP-23-10-080514	8/5/2014												
		VMP-23-10-102414	10/24/2014												
		VMP-23-10-012715	1/27/2015												
		VMP-23-10-042715	4/27/2015												
		VMP-23-10-072015	7/20/2015												
		VMP-23-10-102615	10/26/2015												
		VMP-23-10-012516	1/25/2016												
		VMP-23-10-062816	6/28/2016												
		VMP-23-10-072216	7/22/2016												
		VMP-23-10-101916	10/19/2016												
	25 ft	VMP-23-25-021511	2/15/2011												
		VMP-23-25-042111	4/21/2011												
		VMP-23-25-072711	7/27/2011												
		VMP-23-25-110511	11/5/2011												
		VMP-23-25-012512	1/25/2012												
		VMP-23-25-040912	4/9/2012												
		VMP-23-25-071012	7/10/2012												
		VMP-23-25-100312	10/3/2012												
		VMP-23-25-012413	1/24/2013												
		VMP-23-25-042213	4/22/2013												
		VMP-23-25-072313	7/23/2013												
		VMP-23-25-102113	10/21/2013												
		VMP-23-25-021314	2/13/2014												
		VMP-23-25-042114	4/21/2014												
		VMP-23-25-080514	8/5/2014												
		VMP-23-25-102414	10/24/2014												
		VMP-23-25-012715	1/27/2015												
		VMP-23-25-042715	4/27/2015												
		VMP-23-25-072015	7/20/2015												
		VMP-23-25-102615	10/26/2015												
		VMP-23-25-012516	1/25/2016												
		VMP-23-25-062816	6/28/2016												
		VMP-23-25-072216	7/22/2016												
		VMP-23-25-101916	10/19/2016												
	40 ft	VMP-23-40-071012	7/10/2012												
		VMP-23-40-100312	10/3/2012												
		VMP-23-40-012413	1/24/2013												
		VMP-23-40-042213	4/22/2013												
		VMP-23-40-042213-Dup	4/22/2013												
		VMP-23-40-102113	10/21/2013												
		VMP-23-40-021314	2/13/2014												
		VMP-23-40-042114	4/21/2014												
		VMP-23-40-080514	8/5/2014												
		VMP-23-40-102414	10/24/2014												
		VMP-23-40-012715	1/27/2015												
		VMP-23-40-042715	4/27/2015												
		VMP-23-40-072015	7/20/2015												
		VMP-23-40-102615	10/26/2015												
		VMP-23-40-102615-DUP	10/26/2015												
		VMP-23-40-012516	1/25/2016												
		VMP-23-40-072216	7/22/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-021611	2/16/2011												
		VMP-24-5-040811	4/8/2011												
		VMP-24-5-072811	7/28/2011												
		VMP-24-5-110211	11/2/2011												
		VMP-24-5-110211-DUP	11/2/2011												
		VMP-24-5-012512	1/25/2012												
		VMP-24-5-040912	4/9/2012												
		VMP-24-5-071212	7/12/2012												
		VMP-24-5-101912	10/19/2012												
		VMP-24-5-012313	1/23/2013												
		VMP-24-5-050113	5/1/2013												
		VMP-24-5-073113	7/31/2013												
		VMP-24-5-102113	10/21/2013												
		VMP-24-5-020614	2/6/2014												
		VMP-24-5-042114	4/21/2014												
		VMP-24-5-072814	7/28/2014												
		VMP-24-5-102714	10/27/2014												
		VMP-24-5-020215	2/2/2015												
		VMP-24-5-042715	4/27/2015												
		VMP-24-5-072115	7/21/2015												
		VMP-24-5-102915	10/29/2015												
		VMP-24-5-012716	1/27/2016												
		VMP-24-5-042916	4/29/2016												
		VMP-24-5-072716	7/27/2016												
		VMP-24-5-102816	10/28/2016												
	10 ft	VMP-24-10-021711	2/17/2011												
		VMP-24-10-041111	4/11/2011												
		VMP-24-10-072811	7/28/2011												
		VMP-24-10-110211	11/2/2011												
		VMP-24-10-012512	1/25/2012												
		VMP-24-10-041012	4/10/2012												
		VMP-24-10-071212	7/12/2012												
		VMP-24-10-100912	10/9/2012												
		VMP-24-10-012313	1/23/2013												
		VMP-24-10-042513	4/25/2013												
		VMP-24-10-073113	7/31/2013												
		VMP-24-10-102113	10/21/2013												
		VMP-24-10-020614	2/6/2014												
		VMP-24-10-042114	4/21/2014												
		VMP-24-10-072814	7/28/2014												
		VMP-24-10-102714	10/27/2014												
		VMP-24-10-020215	2/2/2015												
		VMP-24-10-042715	4/27/2015												
		VMP-24-10-072115	7/21/2015												
		VMP-24-10-102915	10/29/2015												
		VMP-24-10-012716	1/27/2016												
		VMP-24-10-042916	4/29/2016												
		VMP-24-10-072716	7/27/2016												
		VMP-24-10-102816	10/28/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011												
		VMP-24-22-041111	4/11/2011												
		VMP-24-22-072811	7/28/2011												
		VMP-24-22-072811-Dup	7/28/2011												
		VMP-24-22-110611	11/6/2011												
		VMP-24-22-012512	1/25/2012												
		VMP-24-22-041012	4/10/2012												
		VMP-24-22-071212	7/12/2012												
		VMP-24-22-100912	10/9/2012												
		VMP-24-22-012313	1/23/2013												
		VMP-24-22-042513	4/25/2013												
		VMP-24-22-042513-Dup	4/25/2013												
		VMP-24-22-073113	7/31/2013												
		VMP-24-22-102213	10/22/2013												
		VMP-24-22-020614	2/6/2014												
		VMP-24-22-042114	4/21/2014												
		VMP-24-22-072814	7/28/2014												
		VMP-24-22-102714	10/27/2014												
		VMP-24-22-020215	2/2/2015												
		VMP-24-22-042715	4/27/2015												
		VMP-24-22-072115	7/21/2015												
		VMP-24-22-082415	8/24/2015												
		VMP-24-22-082415-DUP	8/24/2015												
		VMP-24-22-102915	10/29/2015												
		VMP-24-22-012716	1/27/2016												
		VMP-24-22-042916	4/29/2016												
		VMP-24-22-072716	7/27/2016												
		VMP-24-22-102816	10/28/2016												
	34 ft	VMP-24-34-021711	2/17/2011												
		VMP-24-34-041111	4/11/2011												
		VMP-24-34-072811	7/28/2011												
		VMP-24-34-110611	11/6/2011												
		VMP-24-34-012512	1/25/2012												
		VMP-24-34-041012	4/10/2012												
		VMP-24-34-071212	7/12/2012												
		VMP-24-34-100912	10/9/2012												
		VMP-24-34-012313	1/23/2013												
		VMP-24-34-050613	5/6/2013												
		VMP-24-34-073113	7/31/2013												
		VMP-24-34-073113-Dup	7/31/2013												
		VMP-24-34-102213	10/22/2013												
		VMP-24-34-020614	2/6/2014												
		VMP-24-34-042114	4/21/2014												
		VMP-24-34-072814	7/28/2014												
		VMP-24-34-072814-DUP	7/28/2014												
		VMP-24-34-102714	10/27/2014												
		VMP-24-34-102714-DUP	10/27/2014												
		VMP-24-34-020215	2/2/2015												
		VMP-24-34-020215-DUP	2/2/2015												
		VMP-24-34-042715	4/27/2015												
		VMP-24-34-072115	7/21/2015												
		VMP-24-34-072115-DUP	7/21/2015												
		VMP-24-34-102915	10/29/2015												
		VMP-24-34-012716	1/27/2016												
		VMP-24-34-042916	4/29/2016												
		VMP-24-34-072716	7/27/2016												
		VMP-24-34-072716-DUP	7/27/2016												
		VMP-24-34-102816	10/28/2016												
		VMP-24-34-102816-Dup	10/28/2016												

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CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-25	5 ft	VMP-25-5-031511	3/15/2011												
		VMP-25-5-040811	4/8/2011												
		VMP-25-5-080911	8/9/2011												
		VMP-25-5-111711	11/17/2011												
		VMP-25-5-013112	1/31/2012												
		VMP-25-5-042512	4/25/2012												
		VMP-25-5-072612	7/26/2012												
		VMP-25-5-102612	10/26/2012												
		VMP-25-5-030613	3/6/2013												
		VMP-25-5-051713	5/17/2013												
		VMP-25-5-081513	8/15/2013												
		VMP-25-5-081513-Dup	8/15/2013												
		VMP-25-5-111313	11/13/2013												
		VMP-25-5-050114	5/1/2014												
		VMP-25-5-081414	8/14/2014												
		VMP-25-5-110514	11/5/2014												
		VMP-25-5-021115	2/11/2015												
		VMP-25-5-050715	5/7/2015												
		VMP-25-5-073015	7/30/2015												
		VMP-25-5-110515	11/5/2015												
		VMP-25-5-021616	2/16/2016												
		VMP-25-5-050416	5/4/2016												
		VMP-25-5-080316	8/3/2016												
		VMP-25-5-103116	10/31/2016												
	21 ft	VMP-25-21-031511	3/15/2011												
		VMP-25-21-031511-DUP	3/15/2011												
		VMP-25-21-040811	4/8/2011												
		VMP-25-21-040811-DUP	4/8/2011												
		VMP-25-21-080911	8/9/2011												
		VMP-25-21-111711	11/17/2011												
		VMP-25-21-111711-DUP	11/17/2011												
		VMP-25-21-013112	1/31/2012												
		VMP-25-21-013112-DUP	2/1/2012												
		VMP-25-21-042512	4/25/2012												
		VMP-25-21-072612	7/26/2012												
		VMP-25-21-102612	10/26/2012												
		VMP-25-21-030613	3/6/2013												
		VMP-25-21-051713	5/17/2013												
		VMP-25-21-081513	8/15/2013												
		VMP-25-21-111313	11/13/2013												
		VMP-25-21-111313-Dup	11/13/2013												
		VMP-25-21-050114	5/1/2014												
		VMP-25-21-081414	8/14/2014												
		VMP-25-21-110514	11/5/2014												
		VMP-25-21-021115	2/11/2015												
		VMP-25-21-050715	5/7/2015												
		VMP-25-21-073015	7/30/2015												
		VMP-25-21-110515	11/5/2015												
		VMP-25-21-050416	5/4/2016												
		VMP-25-21-080316	8/3/2016												
		VMP-25-21-103116	10/31/2016												
		VMP-25-21-103116-Dup	10/31/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-25	31 ft	VMP-25-31-030613	3/6/2013												
		VMP-25-31-081513	8/15/2013												
		VMP-25-31-111313	11/13/2013												
		VMP-25-31-050114	5/1/2014												
		VMP-25-31-081414	8/14/2014												
		VMP-25-31-110514	11/5/2014												
		VMP-25-31-021115	2/11/2015												
		VMP-25-31-021115-DUP	2/11/2015												
		VMP-25-31-050715	5/7/2015												
		VMP-25-31-050715-DUP	5/7/2015												
		VMP-25-31-073015	7/30/2015												
		VMP-25-31-073015-DUP	7/30/2015												
		VMP-25-31-110515	11/5/2015												
		VMP-25-31-021616	2/16/2016												
		VMP-25-31-021616-DUP	2/16/2016												
		VMP-25-31-050416	5/4/2016												
		VMP-25-31-080316	8/3/2016												
		VMP-25-31-080316-DUP	8/3/2016												
		VMP-25-31-103116	10/31/2016												
VMP-29	10 ft	VMP-29-10-073012	7/30/2012												
		VMP-29-10-100812	10/8/2012												
		VMP-29-10-020613	2/6/2013												
		VMP-29-10-050613	5/6/2013												
		VMP-29-10-080513	8/5/2013												
		VMP-29-10-083013	8/30/2013												
		VMP-29-10-102513	10/25/2013												
		VMP-29-10-021214	2/12/2014												
		VMP-29-10-042914	4/29/2014												
		VMP-29-10-081214	8/12/2014												
		VMP-29-10-110314	11/3/2014												
		VMP-29-10-020515	2/5/2015												
		VMP-29-10-050615	5/6/2015												
		VMP-29-10-072715	7/27/2015												
		VMP-29-10-103015	10/30/2015												
		VMP-29-10-012716	1/27/2016												
		VMP-29-10-050216	5/2/2016												
		VMP-29-10-072816	7/28/2016												
		VMP-29-10-120916	12/9/2016												
	20 ft	VMP-29-20-073012	7/30/2012												
		VMP-29-20-073012-Dup	7/30/2012												
		VMP-29-20-100812	10/8/2012												
		VMP-29-20-020613	2/6/2013												
		VMP-29-20-050613	5/6/2013												
		VMP-29-20-080513	8/5/2013												
		VMP-29-20-102513	10/25/2013												
		VMP-29-20-021214	2/12/2014												
		VMP-29-20-042914	4/29/2014												
		VMP-29-20-081214	8/12/2014												
		VMP-29-20-110314	11/3/2014												
		VMP-29-20-020515	2/5/2015												
		VMP-29-20-050615	5/6/2015												
		VMP-29-20-072715	7/27/2015												
		VMP-29-20-103015	10/30/2015												
	18 ft	VMP-29-20-020416-R	2/4/2016												
		VMP-29-20-050216	5/2/2016												
		VMP-29-20-072816	7/28/2016												
		VMP-29-18-110316	11/3/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-29	26 ft	VMP-29-30-073012	7/30/2012												
		VMP-29-30-100812	10/8/2012												
		VMP-29-30-020613	2/6/2013												
		VMP-29-30-050613	5/6/2013												
		VMP-29-30-080513	8/5/2013												
		VMP-29-30-080513-Dup	8/5/2013												
		VMP-29-30-102513	10/25/2013												
		VMP-29-30-021214	2/12/2014												
		VMP-29-30-042914	4/29/2014												
		VMP-29-30-081214	8/12/2014												
		VMP-29-30-111214-R	11/12/2014												
		VMP-29-30-111214-R-DUP	11/12/2014												
		VMP-29-30-020615	2/6/2015												
		VMP-29-30-050615	5/6/2015												
		VMP-29-30-050615-DUP	5/6/2015												
		VMP-29-30-080315	8/3/2015												
		VMP-29-30-103015	10/30/2015												
		VMP-29-30-012716	1/27/2016												
		VMP-29-30-050216	5/2/2016												
		VMP-29-30-072816	7/28/2016												
		VMP-29-26-110316	11/3/2016												
		VMP-29-26-110316-Dup	11/3/2016												
VMP-30	10 ft	VMP-30-10-073012	7/30/2012												
		VMP-30-10-100812	10/8/2012												
		VMP-30-10-020613	2/6/2013												
		VMP-30-10-050613	5/6/2013												
		VMP-30-10-080513	8/5/2013												
		VMP-30-10-102813	10/28/2013												
		VMP-30-10-021214	2/12/2014												
		VMP-30-10-042914	4/29/2014												
		VMP-30-10-080814	8/8/2014												
		VMP-30-10-110414	11/4/2014												
		VMP-30-10-020615	2/6/2015												
		VMP-30-10-050515	5/5/2015												
		VMP-30-10-072715	7/27/2015												
		VMP-30-10-103015	10/30/2015												
		VMP-30-10-020416	2/4/2016												
		VMP-30-10-050216	5/2/2016												
		VMP-30-10-072816	7/28/2016												
		VMP-30-10-110316	11/3/2016												
	18 ft	VMP-30-20-073012	7/30/2012												
		VMP-30-20-100812	10/8/2012												
		VMP-30-20-020613	2/6/2013												
		VMP-30-20-050613	5/6/2013												
		VMP-30-20-080513	8/5/2013												
		VMP-30-20-102813	10/28/2013												
		VMP-30-20-021214	2/12/2014												
		VMP-30-20-042914	4/29/2014												
		VMP-30-20-080814	8/8/2014												
		VMP-30-20-110414	11/4/2014												
		VMP-30-20-020615	2/6/2015												
		VMP-30-20-050515	5/5/2015												
		VMP-30-20-072715	7/27/2015												
		VMP-30-20-103015	10/30/2015												
		VMP-30-20-012716	1/27/2016												
		VMP-30-20-050216	5/2/2016												
		VMP-30-20-072816	7/28/2016												
		VMP-30-18-110316	11/3/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-30	26 ft	VMP-30-30-073012	7/30/2012												
		VMP-30-30-100812	10/8/2012												
		VMP-30-30-020613	2/6/2013												
		VMP-30-30-050613	5/6/2013												
		VMP-30-30-081413	8/14/2013												
		VMP-30-30-102813	10/28/2013												
		VMP-30-30-021214	2/12/2014												
		VMP-30-30-042914	4/29/2014												
		VMP-30-30-042914-DUP	4/29/2014												
		VMP-30-30-080814	8/8/2014												
		VMP-30-30-110414	11/4/2014												
		VMP-30-30-020615	2/6/2015												
		VMP-30-30-050515	5/5/2015												
		VMP-30-30-050515-DUP	5/5/2015												
		VMP-30-30-072715	7/27/2015												
		VMP-30-30-103015	10/30/2015												
		VMP-30-30-012716	1/27/2016												
		VMP-30-30-050216	5/2/2016												
		VMP-30-30-072816	7/28/2016												
		VMP-30-30-072816-DUP	7/28/2016												
		VMP-30-26-110316	11/3/2016												
VMP-31	5 ft	VMP-31-5-042512	4/25/2012												
		VMP-31-5-072012	7/20/2012												
		VMP-31-5-102612	10/26/2012												
		VMP-31-5-021113	2/11/2013												
		VMP-31-5-051513	5/15/2013												
		VMP-31-5-022614	2/26/2014												
	10 ft	VMP-31-10-042512	4/25/2012												
		VMP-31-10-072612	7/26/2012												
		VMP-31-10-102612	10/26/2012												
		VMP-31-10-021313	2/13/2013												
		VMP-31-10-051713	5/17/2013												
		VMP-31-10-111313	11/13/2013												
		VMP-31-10-022714	2/27/2014												
	20 ft	VMP-31-20-101912	10/19/2012												
		VMP-31-20-021113	2/11/2013												
		VMP-31-20-111213	11/12/2013												
	30 ft	VMP-31-30-042512	4/25/2012												
		VMP-31-30-042512-Dup	4/25/2012												
		VMP-31-30-072012	7/20/2012												
		VMP-31-30-101912	10/19/2012												
		VMP-31-30-021113	2/11/2013												
		VMP-31-30-050713	5/7/2013												
		VMP-31-30-080913	8/9/2013												
		VMP-31-30-111213	11/12/2013												
		VMP-31-30-022614	2/26/2014												
VMP-32	5 ft	VMP-32-5-042512	4/25/2012												
		VMP-32-5-072012	7/20/2012												
		VMP-32-5-101812	10/18/2012												
		VMP-32-5-020513	2/5/2013												
		VMP-32-5-050713	5/7/2013												
		VMP-32-5-080213	8/2/2013												
		VMP-32-5-110813	11/8/2013												
		VMP-32-5-050114	5/1/2014												
		VMP-32-5-081314	8/13/2014												
		VMP-32-5-110714	11/7/2014												
		VMP-32-5-021015	2/10/2015												
		VMP-32-5-073115	7/31/2015												
		VMP-32-5-082415	8/24/2015												
		VMP-32-5-110415	11/4/2015												
		VMP-32-5-012616	1/26/2016												
		VMP-32-5-042716	4/27/2016												
		VMP-32-5-072616	7/26/2016												
		VMP-32-5-102716	10/27/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-32	10 ft	VMP-32-10-041612	4/16/2012												
		VMP-32-10-072012	7/20/2012												
		VMP-32-10-101812	10/18/2012												
		VMP-32-10-020513	2/5/2013												
		VMP-32-10-050713	5/7/2013												
		VMP-32-10-080213	8/2/2013												
		VMP-32-10-082313-R	8/23/2013												
		VMP-32-10-082313-R-DUP	8/23/2013												
		VMP-32-10-110813	11/8/2013												
		VMP-32-10-022814	2/28/2014												
		VMP-32-10-050114	5/1/2014												
		VMP-32-10-081314	8/13/2014												
		VMP-32-10-110714	11/7/2014												
		VMP-32-10-021015	2/10/2015												
		VMP-32-10-051115	5/11/2015												
		VMP-32-10-052915-R	5/29/2015												
		VMP-32-10-110415	11/4/2015												
		VMP-32-10-012616	1/26/2016												
		VMP-32-10-042716	4/27/2016												
		VMP-32-10-072616	7/26/2016												
		VMP-32-10-102716	10/27/2016												
	20 ft	VMP-32-20-041612	4/16/2012												
		VMP-32-20-072012	7/20/2012												
		VMP-32-20-101812	10/18/2012												
		VMP-32-20-020513	2/5/2013												
		VMP-32-20-050713	5/7/2013												
		VMP-32-20-050713-Dup	5/7/2013												
		VMP-32-20-080213	8/2/2013												
		VMP-32-20-110813	11/8/2013												
		VMP-32-20-022814	2/28/2014												
		VMP-32-20-050514	5/5/2014												
		VMP-32-20-081314	8/13/2014												
		VMP-32-20-110714	11/7/2014												
		VMP-32-20-021015	2/10/2015												
		VMP-32-20-051115	5/11/2015												
		VMP-32-20-080315	8/3/2015												
		VMP-32-20-110415	11/4/2015												
		VMP-32-20-110415-DUP	11/4/2015												
		VMP-32-20-021616	2/16/2016												
		VMP-32-20-042716	4/27/2016												
		VMP-32-20-082616-R	8/29/2016												
		VMP-32-20-102716	10/27/2016												
	30 ft	VMP-32-30-041612	4/16/2012												
		VMP-32-30-072012	7/20/2012												
		VMP-32-30-101812	10/18/2012												
		VMP-32-30-020513	2/5/2013												
		VMP-32-30-050713	5/7/2013												
		VMP-32-30-080213	8/2/2013												
		VMP-32-30-110813	11/8/2013												
		VMP-32-30-022814	2/28/2014												
		VMP-32-30-022814-Dup	2/28/2014												
		VMP-32-30-050114	5/1/2014												
		VMP-32-30-081314	8/13/2014												
		VMP-32-30-081314-DUP	8/13/2014												
		VMP-32-30-110714	11/7/2014												
		VMP-32-30-110714-DUP	11/7/2014												
		VMP-32-30-021015	2/10/2015												
		VMP-32-30-050515	5/5/2015												
		VMP-32-30-073115	7/31/2015												
		VMP-32-30-073115-DUP	7/31/2015												
		VMP-32-30-082415	8/24/2015												
		VMP-32-30-082415-DUP	8/24/2015												
		VMP-32-30-110415	11/4/2015												
		VMP-32-30-020216	2/2/2016												
		VMP-32-30-042716	4/27/2016												
		VMP-32-30-072616	7/26/2016												
		VMP-32-30-102716	10/27/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072712	7/27/2012												
		VMP-41-10-100912	10/9/2012												
		VMP-41-10-012913	1/29/2013												
		VMP-41-10-043013	4/30/2013												
		VMP-41-10-080213	8/2/2013												
		VMP-41-10-102913	10/29/2013												
		VMP-41-10-021114	2/11/2014												
		VMP-41-10-042214	4/22/2014												
		VMP-41-10-073114	7/31/2014												
		VMP-41-10-102814	10/28/2014												
		VMP-41-10-020415	2/4/2015												
		VMP-41-10-020415-DUP	2/4/2015												
		VMP-41-10-043015	4/30/2015												
		VMP-41-10-072815	7/28/2015												
		VMP-41-10-110215	11/2/2015												
		VMP-41-10-012716	1/27/2016												
		VMP-41-10-050216	5/2/2016												
		VMP-41-10-072816	7/28/2016												
		VMP-41-10-102416	10/24/2016												
	20 ft	VMP-41-20-072712	7/27/2012												
		VMP-41-20-072712-Dup	7/27/2012												
		VMP-41-20-100912	10/9/2012												
		VMP-41-20-100912-Dup	10/9/2012												
		VMP-41-20-012913	1/29/2013												
		VMP-41-20-043013	4/30/2013												
		VMP-41-20-043013-Dup	4/30/2013												
		VMP-41-20-080213	8/2/2013												
		VMP-41-20-102913	10/29/2013												
		VMP-41-20-021114	2/11/2014												
		VMP-41-20-042214	4/22/2014												
		VMP-41-20-073114	7/31/2014												
		VMP-41-20-102814	10/28/2014												
		VMP-41-20-020415	2/4/2015												
		VMP-41-20-043015	4/30/2015												
		VMP-41-20-072815	7/28/2015												
		VMP-41-20-110215	11/3/2015												
		VMP-41-20-012716	1/27/2016												
		VMP-41-20-050216	5/2/2016												
		VMP-41-20-072816	7/28/2016												
		VMP-41-20-102416	10/24/2016												
	26 ft	VMP-41-30-100912	10/9/2012												
		VMP-41-30-012913	1/29/2013												
		VMP-41-30-043013	4/30/2013												
		VMP-41-30-080213	8/2/2013												
		VMP-41-30-102913	10/29/2013												
		VMP-41-30-021114	2/11/2014												
		VMP-41-30-021114-Dup	2/11/2014												
		VMP-41-30-042214	4/22/2014												
		VMP-41-30-073114	7/31/2014												
		VMP-41-30-102814	10/28/2014												
		VMP-41-30-020415	2/4/2015												
		VMP-41-30-043015	4/30/2015												
		VMP-41-30-043015-DUP	4/30/2015												
		VMP-41-30-110215	11/2/2015												
		VMP-41-30-110215-DUP	11/2/2015												
		VMP-41-30-012716	1/27/2016												
		VMP-41-30-012716-DUP	1/27/2016												
		VMP-41-30-050216	5/2/2016												
		VMP-41-30-072816	7/28/2016												
		VMP-41-30-072816-DUP	7/28/2016												
		VMP-41-26-102416	10/24/2016												
		VMP-41-30-072712	7/27/2012												
		VMP-41-30-072815	7/28/2015												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-041812	4/18/2012												
		VMP-42-10-041812-Dup	4/18/2012												
		VMP-42-10-071912	7/19/2012												
		VMP-42-10-101212	10/12/2012												
		VMP-42-10-013113	1/31/2013												
		VMP-42-10-043013	4/30/2013												
		VMP-42-20-043013	4/30/2013												
		VMP-42-10-080213	8/2/2013												
		VMP-42-10-102913	10/29/2013												
		VMP-42-10-020714	2/7/2014												
		VMP-42-10-042214	4/22/2014												
		VMP-42-10-080614	8/6/2014												
		VMP-42-10-110414	11/4/2014												
		VMP-42-10-020315	2/3/2015												
		VMP-42-10-042915	4/29/2015												
		VMP-42-10-072115	7/21/2015												
		VMP-42-10-102715	10/27/2015												
		VMP-42-10-020116	2/1/2016												
		VMP-42-10-042616	4/26/2016												
		VMP-42-10-072616	7/26/2016												
		VMP-42-10-102716	10/27/2016												
	20 ft	VMP-42-20-041812	4/18/2012												
		VMP-42-20-071912	7/19/2012												
		VMP-42-20-101212	10/12/2012												
		VMP-42-20-101212-Dup	10/12/2012												
		VMP-42-20-013113	1/31/2013												
		VMP-42-20-080213	8/2/2013												
		VMP-42-20-102913	10/29/2013												
		VMP-42-20-020714	2/7/2014												
		VMP-42-20-042214	4/22/2014												
		VMP-42-20-080614	8/6/2014												
		VMP-42-20-110414	11/4/2014												
		VMP-42-20-020315	2/3/2015												
		VMP-42-20-042915	4/29/2015												
		VMP-42-20-072115	7/21/2015												
		VMP-42-20-102715	10/27/2015												
		VMP-42-20-020116	2/1/2016												
		VMP-42-20-042616	4/26/2016												
		VMP-42-20-072616	7/26/2016												
		VMP-42-20-102676	10/27/2016												
	30 ft	VMP-42-30-041912	4/19/2012												
		VMP-42-30-071912	7/19/2012												
		VMP-42-30-101212	10/12/2012												
		VMP-42-30-101212-Dup	10/12/2012												
		VMP-42-30-013113	1/31/2013												
		VMP-42-30-043013	4/30/2013												
		VMP-42-30-080213	8/2/2013												
		VMP-42-30-102913	10/29/2013												
		VMP-42-30-102913-Dup	10/29/2013												
		VMP-42-30-020714	2/7/2014												
		VMP-42-30-020714-Dup	2/7/2014												
		VMP-42-30-042214	4/22/2014												
		VMP-42-30-042214-Dup	4/22/2014												
		VMP-42-30-080614	8/6/2014												
		VMP-42-30-110414	11/4/2014												
		VMP-42-30-020315	2/3/2015												
		VMP-42-30-042915	4/29/2015												
		VMP-42-30-080315	8/3/2015												
		VMP-42-30-080315-DUP	8/3/2015												
		VMP-42-30-102715	10/27/2015												
		VMP-42-30-020116	2/1/2016												
		VMP-42-30-042616	4/26/2016												
		VMP-42-30-072616	7/26/2016												
		VMP-42-30-102716	10/27/2016												
		VMP-42-30-102716-Dup	10/27/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012												
		VMP-43-10-071912	7/19/2012												
		VMP-43-10-101612	10/16/2012												
		VMP-43-10-051713	5/17/2013												
		VMP-43-10-080913	8/9/2013												
		VMP-43-10-111313	11/13/2013												
		VMP-43-10-022714	2/27/2014												
		VMP-43-10-050514	5/5/2014												
		VMP-43-10-080614	8/6/2014												
		VMP-43-10-021015	2/10/2015												
		VMP-43-10-050515	5/5/2015												
		VMP-43-10-072115	7/21/2015												
		VMP-43-10-102915	10/29/2015												
		VMP-43-10-020116	2/1/2016												
		VMP-43-10-042716	4/27/2016												
		VMP-43-10-072716	7/27/2016												
		VMP-43-10-102616	10/26/2016												
	20 ft	VMP-43-20-041612	4/16/2012												
		VMP-43-20-071912	7/19/2012												
		VMP-43-20-101812	10/18/2012												
		VMP-43-20-012413	1/24/2013												
		VMP-43-20-043013	4/30/2013												
		VMP-43-20-080913	8/9/2013												
		VMP-43-20-102913	10/29/2013												
		VMP-43-20-022714	2/27/2014												
		VMP-43-20-081314	8/13/2014												
		VMP-43-20-110614	11/6/2014												
		VMP-43-20-021215	2/12/2015												
		VMP-43-20-021215-DUP	2/12/2015												
		VMP-43-20-050515	5/5/2015												
		VMP-43-20-072115	7/21/2015												
		VMP-43-20-102915	10/29/2015												
		VMP-43-20-102915-DUP	10/29/2015												
		VMP-43-20-020116	2/1/2016												
		VMP-43-20-042716	4/27/2016												
		VMP-43-20-072716	7/27/2016												
		VMP-43-20-102616	10/26/2016												
	30 ft	VMP-43-30-042312	4/23/2012												
		VMP-43-30-071912	7/19/2012												
		VMP-43-30-101812	10/18/2012												
		VMP-43-30-012413	1/24/2013												
		VMP-43-30-043013	4/30/2013												
		VMP-43-30-080913	8/9/2013												
		VMP-43-30-102913	10/29/2013												
		VMP-43-30-022714	2/27/2014												
		VMP-43-30-022714-Dup	2/27/2014												
		VMP-43-30-042214	4/22/2014												
		VMP-43-30-080614	8/6/2014												
		VMP-43-30-050515	5/5/2015												
		VMP-43-30-050515-DUP	5/5/2015												
		VMP-43-30-072115	7/21/2015												
		VMP-43-30-102915	10/29/2015												
		VMP-43-30-020116	2/1/2016												
		VMP-43-30-042716	4/27/2016												
		VMP-43-30-042716-DUP	4/27/2016												
		VMP-43-30-072716	7/27/2016												
		VMP-43-30-102616	10/26/2016												
		VMP-43-30-102616-Dup	10/26/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-041912	4/19/2012												
		VMP-44-10-072012	7/20/2012												
		VMP-44-10-081012	8/10/2012												
		VMP-44-10-101212	10/12/2012												
		VMP-44-10-012513	1/25/2013												
		VMP-44-10-042913	4/29/2013												
		VMP-44-10-080213	8/2/2013												
		VMP-44-10-082313-R	8/23/2013												
		VMP-44-10-111113	11/11/2013												
		VMP-44-10-022814	2/28/2014												
		VMP-44-10-043014	4/30/2014												
		VMP-44-10-080614	8/6/2014												
		VMP-44-10-110414	11/4/2014												
		VMP-44-10-020415	2/4/2015												
		VMP-44-10-050115	5/1/2015												
		VMP-44-10-072415	7/24/2015												
		VMP-44-10-102815	10/28/2015												
		VMP-44-10-012516	1/25/2016												
		VMP-44-10-042816	4/28/2016												
		VMP-44-10-072716	7/27/2016												
		VMP-44-10-102716	10/27/2016												
	20 ft	VMP-44-20-041912	4/19/2012												
		VMP-44-20-072512	7/25/2012												
		VMP-44-20-101212	10/12/2012												
		VMP-44-20-012513	1/25/2013												
		VMP-44-20-042913	4/29/2013												
		VMP-44-20-081313	8/13/2013												
		VMP-44-20-111113	11/11/2013												
		VMP-44-20-022814	2/28/2014												
		VMP-44-20-043014	4/30/2014												
		VMP-44-20-080614	8/6/2014												
		VMP-44-20-110414	11/4/2014												
		VMP-44-20-020415	2/4/2015												
		VMP-44-20-051115	5/11/2015												
		VMP-44-20-072415	7/24/2015												
		VMP-44-20-102815	10/28/2015												
		VMP-44-20-020216-R	2/2/2016												
		VMP-44-20-042816	4/28/2016												
		VMP-44-20-072716	7/27/2016												
		VMP-44-20-102716	10/27/2016												
	30 ft	VMP-44-30-041912	4/19/2012												
		VMP-44-30-072512	7/25/2012												
		VMP-44-30-072512-Dup	7/25/2012												
		VMP-44-30-101512	10/15/2012												
		VMP-44-30-101512-Dup	10/15/2012												
		VMP-44-30-012513	1/25/2013												
		VMP-44-30-043013	4/30/2013												
		VMP-44-30-081313	8/13/2013												
		VMP-44-30-111113	11/11/2013												
		VMP-44-30-022814	2/28/2014												
		VMP-44-30-043014	4/30/2014												
		VMP-44-30-080614	8/6/2014												
		VMP-44-30-110414	11/4/2014												
		VMP-44-30-020415	2/4/2015												
		VMP-44-30-051115	5/11/2015												
		VMP-44-30-072415	7/24/2015												
		VMP-44-30-102815	10/28/2015												
		VMP-44-30-012516	1/25/2016												
		VMP-44-30-050516	5/5/2016												
		VMP-44-30-072716	7/27/2016												
		VMP-44-30-102716	10/27/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-45	10 ft	VMP-45-10-041912	4/19/2012												
		VMP-45-10-071912	7/19/2012												
		VMP-45-10-101512	10/15/2012												
		VMP-45-10-013013	1/30/2013												
		VMP-45-10-042913	4/29/2013												
		VMP-45-10-080513	8/5/2013												
		VMP-45-10-102913	10/29/2013												
		VMP-45-10-020714	2/7/2014												
		VMP-45-10-042214	4/22/2014												
		VMP-45-10-080114	8/1/2014												
		VMP-45-10-102414	10/24/2014												
		VMP-45-10-020615	2/6/2015												
		VMP-45-10-051215	5/12/2015												
		VMP-45-10-072115	7/21/2015												
		VMP-45-10-102815	10/28/2015												
		VMP-45-10-030916-R	3/9/2016												
		VMP-45-10-042816	4/28/2016												
		VMP-45-10-082616	8/26/2016												
		VMP-45-10-102816	10/28/2016												
	20 ft	VMP-45-20-041912	4/19/2012												
		VMP-45-20-071912	7/19/2012												
		VMP-45-20-101512	10/15/2012												
		VMP-45-20-013013	1/30/2013												
		VMP-45-20-042913	4/29/2013												
		VMP-45-20-042913-Dup	4/29/2013												
		VMP-45-20-080513	8/5/2013												
		VMP-45-20-102913	10/29/2013												
		VMP-45-20-020714	2/7/2014												
		VMP-45-20-042214	4/22/2014												
		VMP-45-20-080114	8/1/2014												
		VMP-45-20-102414	10/24/2014												
		VMP-45-20-020615	2/6/2015												
		VMP-45-20-042915	4/29/2015												
		VMP-45-20-072115	7/21/2015												
		VMP-45-20-102815	10/28/2015												
		VMP-45-20-012516	1/25/2016												
		VMP-45-20-042816	4/28/2016												
		VMP-45-20-072716	7/27/2016												
		VMP-45-20-102816	10/28/2016												
	30 ft	VMP-45-30-041912	4/19/2012												
		VMP-45-30-071912	7/19/2012												
		VMP-45-30-101512	10/15/2012												
		VMP-45-30-101512-Dup	10/15/2012												
		VMP-45-30-013013	1/30/2013												
		VMP-45-30-042913	4/29/2013												
		VMP-45-30-080513	8/5/2013												
		VMP-45-30-102913	10/29/2013												
		VMP-45-30-020714	2/7/2014												
		VMP-45-30-042214	4/22/2014												
		VMP-45-30-080114	8/1/2014												
		VMP-45-30-102414	10/24/2014												
		VMP-45-30-111214-R	11/12/2014												
		VMP-45-30-020615	2/6/2015												
		VMP-45-30-020615-DUP	2/6/2015												
		VMP-45-30-042915	4/29/2015												
		VMP-45-30-072115	7/21/2015												
		VMP-45-30-072115-DUP	7/21/2015												
		VMP-45-30-102815	10/28/2015												
		VMP-45-30-012516	1/25/2016												
		VMP-45-30-042816	4/28/2016												
		VMP-45-30-042816-DUP	4/28/2016												
		VMP-45-30-072716	7/27/2016												
		VMP-45-30-102816	10/28/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013												
		VMP-47-5-012313-R	1/23/2013							470000			230000		
		VMP-47-5-060513	6/5/2013												
		VMP-47-5-072613	7/26/2013												
		VMP-47-5-110813	11/8/2013												
		VMP-47-5-021814	2/18/2014												
		VMP-47-5-042914	4/29/2014												
		VMP-47-5-081314	8/13/2014												
		VMP-47-5-093014-R	9/30/2014												
		VMP-47-5-102814	10/28/2014												
		VMP-47-5-020215	2/2/2015												
		VMP-47-5-042815	4/28/2015												
		VMP-47-5-072115	7/21/2015												
		VMP-47-5-102715	10/27/2015												
		VMP-47-5-012916	1/29/2016												
		VMP-47-5-042516	4/25/2016												
		VMP-47-5-072516	7/25/2016												
		VMP-47-5-102616	10/26/2016												
	10 ft	VMP-47-10-012113	1/21/2013				7.2								
		VMP-47-10-012313-R	1/23/2013							56000					
		VMP-47-10-060513	6/5/2013												
		VMP-47-10-072613	7/26/2013												
		VMP-47-10-110813	11/8/2013												
		VMP-47-10-021814	2/18/2014												
		VMP-47-10-042914	4/29/2014												
		VMP-47-10-073114	7/31/2014												
		VMP-47-10-102814	10/28/2014												
		VMP-47-10-020215	2/2/2015												
		VMP-47-10-042815	4/28/2015												
		VMP-47-10-072115	7/21/2015												
		VMP-47-10-102715	10/27/2015												
		VMP-47-10-012916	1/29/2016												
		VMP-47-10-042516	4/25/2016												
		VMP-47-10-080216	8/2/2016												
		VMP-47-10-102616	10/26/2016												
	20 ft	VMP-47-20-012113	1/21/2013				73000			150000			55000		
		VMP-47-20-012313-R	1/23/2013							360000			210000		
		VMP-47-20-060513	6/5/2013												
		VMP-47-20-060513-Dup	6/5/2013												
		VMP-47-20-072613	7/26/2013												
		VMP-47-20-110813	11/8/2013												
		VMP-47-20-021914	2/19/2014												
		VMP-47-20-042914	4/29/2014												
		VMP-47-20-073114	7/31/2014												
		VMP-47-20-102814	10/28/2014												
		VMP-47-20-020215	2/2/2015												
		VMP-47-20-042815	4/28/2015												
		VMP-47-20-072115	7/21/2015												
		VMP-47-20-102715	10/27/2015												
		VMP-47-20-012916	1/29/2016												
		VMP-47-20-042516	4/25/2016												
		VMP-47-20-072516	7/25/2016												
		VMP-47-20-102616	10/26/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-47	30 ft	VMP-47-30-012113	1/21/2013							130000			46000		
		VMP-47-30-012313-R	1/23/2013							460000			230000		
		VMP-47-30-060513	6/5/2013												
		VMP-47-30-072613	7/26/2013												
		VMP-47-30-110813	11/8/2013												
		VMP-47-30-021914	2/19/2014												
		VMP-47-30-042914	4/29/2014												
		VMP-47-30-042914-Dup	4/29/2014												
		VMP-47-30-073114	7/31/2014												
		VMP-47-30-073114-Dup	7/31/2014												
		VMP-47-30-102814	10/28/2014												
		VMP-47-30-102814-DUP	10/28/2014												
		VMP-47-30-020215	2/2/2015												
		VMP-47-30-020215-DUP	2/2/2015												
		VMP-47-30-042815	4/28/2015												
		VMP-47-30-042815-DUP	4/28/2015												
		VMP-47-30-072115	7/21/2015												
		VMP-47-30-102715	10/27/2015												
		VMP-47-30-102715-DUP	10/27/2015												
		VMP-47-30-012916-DUP	1/29/2016												
		VMP-47-30-042516	4/25/2016												
		VMP-47-30-042516-DUP	4/25/2016												
		VMP-47-30-072516	7/25/2016												
		VMP-47-30-102616	10/26/2016												
VMP-48	5 ft	VMP-48-5-020113	2/1/2013												
		VMP-48-5-050313	5/3/2013												
		VMP-48-5-080613	8/6/2013												
		VMP-48-5-110513	11/5/2013												
		VMP-48-5-022814	2/28/2014												
		VMP-48-5-042814	4/28/2014												
		VMP-48-5-080114	8/1/2014												
		VMP-48-05-102914	10/29/2014												
		VMP-48-5-020215	2/2/2015												
		VMP-48-5-042815	4/28/2015												
		VMP-48-5-072115	7/21/2015												
		VMP-48-5-102015	10/20/2015												
		VMP-48-5-012916	1/29/2016												
		VMP-48-5-042516	4/25/2016												
		VMP-48-5-072516	7/25/2016												
		VMP-48-5-102616	10/26/2016												
	10 ft	VMP-48-10-020113	2/1/2013												
		VMP-48-10-050813	5/8/2013												
		VMP-48-10-080613	8/6/2013												
		VMP-48-10-103113	10/31/2013												
		VMP-48-10-021814	2/18/2014												
		VMP-48-10-042814	4/28/2014												
		VMP-48-10-080114	8/1/2014												
		VMP-48-10-102914	10/29/2014												
		VMP-48-10-020215	2/2/2015												
		VMP-48-10-042815	4/28/2015												
		VMP-48-10-042815-DUP	4/28/2015												
		VMP-48-10-072115	7/21/2015												
		VMP-48-10-102015	10/20/2015												
		VMP-48-10-012916	1/29/2016												
		VMP-48-10-042516	4/25/2016												
		VMP-48-10-072516	7/25/2016												
		VMP-48-10-102616	10/26/2016												
	20 ft	VMP-48-20-020113	2/1/2013												
		VMP-48-20-103113	10/31/2013												
		VMP-48-20-021814	2/18/2014												
		VMP-48-20-042814	4/28/2014												
		VMP-48-20-080114	8/1/2014												
		VMP-48-20-102914	10/29/2014												
		VMP-48-20-111814-R	11/18/2014												
		VMP-48-20-020215	2/2/2015												
		VMP-48-20-042815	4/28/2015												
		VMP-48-20-102015	10/20/2015												
		VMP-48-20-042516	4/25/2016												
		VMP-48-20-102616	10/26/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-48	30 ft	VMP-48-30-020113	2/1/2013												
		VMP-48-30-020113-DUP	2/1/2013												
		VMP-48-30-050313	5/3/2013												
		VMP-48-30-080613	8/6/2013												
		VMP-48-30-110513	11/5/2013												
		VMP-48-30-021814	2/18/2014												
		VMP-48-30-042814	4/28/2014												
		VMP-48-30-042814-DUP	4/28/2014												
		VMP-48-30-080114	8/1/2014												
		VMP-48-30-080114-Dup	8/1/2014												
		VMP-48-30-102914	10/29/2014												
		VMP-48-30-111814-R	11/18/2014												
		VMP-48-30-020215	2/2/2015												
		VMP-48-30-042815	4/28/2015												
		VMP-48-30-080315	8/3/2015												
		VMP-48-30-102015	10/20/2015												
		VMP-48-30-102015-DUP	10/20/2015												
		VMP-48-30-012916	1/29/2016												
		VMP-48-30-042516	4/25/2016												
		VMP-48-30-042516-DUP	4/25/2016												
		VMP-48-30-072516	7/25/2016												
		VMP-48-30-102616	10/26/2016												
		VMP-48-30-102616-Dup	10/26/2016												
VMP-49	5 ft	VMP-49-5-020113	2/1/2013												
		VMP-49-5-050713	5/7/2013												
		VMP-49-5-080613	8/6/2013												
		VMP-49-5-111113	11/11/2013												
		VMP-49-5-021814	2/18/2014												
		VMP-49-5-042814	4/28/2014												
		VMP-49-5-080114	8/1/2014												
		VMP-49-5-102914	10/29/2014												
		VMP-49-5-102914-DUP	10/29/2014												
		VMP-49-5-020215	2/3/2015												
		VMP-49-5-042815	4/28/2015												
		VMP-49-5-073015	7/30/2015												
		VMP-49-5-110315	11/3/2015												
		VMP-49-5-020116	2/1/2016												
		VMP-49-5-042616	4/26/2016												
		VMP-49-5-080116	8/1/2016												
		VMP-49-5-102716	10/27/2016												
	10 ft	VMP-49-10-020113	2/1/2013												
		VMP-49-10-050713	5/7/2013												
		VMP-49-10-050713-Dup	5/7/2013												
		VMP-49-10-080613	8/6/2013												
		VMP-49-10-103113	10/31/2013												
		VMP-49-10-021814	2/18/2014												
		VMP-49-10-042814	4/28/2014												
		VMP-49-10-080114	8/1/2014												
		VMP-49-10-102914	10/29/2014												
		VMP-49-10-020215	2/3/2015												
		VMP-49-10-042815	4/28/2015												
		VMP-49-10-073015	7/30/2015												
		VMP-49-10-110315	11/3/2015												
		VMP-49-10-020116	2/1/2016												
		VMP-49-10-042616	4/26/2016												
		VMP-49-10-080116	8/1/2016												
		VMP-49-10-102716	10/27/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-49	20 ft	VMP-49-20-020113	2/1/2013												
		VMP-49-20-050913	5/9/2013												
		VMP-49-20-080613	8/6/2013												
		VMP-49-20-080613-Dup	8/6/2013												
		VMP-49-20-111113	11/11/2013												
		VMP-49-20-021814	2/18/2014												
		VMP-49-20-042814	4/28/2014												
		VMP-49-20-080114	8/1/2014												
		VMP-49-20-102914	10/29/2014												
		VMP-49-20-020215	2/3/2015												
		VMP-49-20-073015	7/30/2015												
		VMP-49-20-110315	11/3/2015												
		VMP-49-20-020116	2/1/2016												
		VMP-49-20-042616	4/26/2016												
		VMP-49-20-080116	8/1/2016												
		VMP-49-20-102716	10/27/2016												
	30 ft	VMP-49-30-020113	2/1/2013												
		VMP-49-30-050813	5/8/2013												
		VMP-49-30-080613	8/6/2013												
		VMP-49-30-111113	11/11/2013												
		VMP-49-30-021814	2/18/2014												
		VMP-49-30-021814-Dup	2/18/2014												
		VMP-49-30-042814	4/28/2014												
		VMP-49-30-080114	8/1/2014												
		VMP-49-30-102914	10/29/2014												
		VMP-49-30-020215	2/3/2015												
		VMP-49-30-042815	4/28/2015												
		VMP-49-30-073015	7/30/2015												
		VMP-49-30-073015-DUP	7/30/2015												
		VMP-49-30-110315	11/3/2015												
		VMP-49-30-110315-DUP	11/3/2015												
		VMP-49-30-020116	2/1/2016												
		VMP-49-30-020116-DUP	2/1/2016												
		VMP-49-30-042716	4/27/2016												
		VMP-49-30-042716-DUP	4/27/2016												
		VMP-49-30-080116	8/1/2016												
		VMP-49-30-080116-DUP	8/1/2016												
		VMP-49-30-102716	10/27/2016												
VMP-50	5 ft	VMP-50-5-020113	2/1/2013												
		VMP-50-5-050713	5/7/2013												
		VMP-50-5-080713	8/7/2013												
		VMP-50-5-110713	11/7/2013												
		VMP-50-5-022614	2/26/2014												
		VMP-50-5-043014	4/30/2014												
		VMP-50-5-081414	8/14/2014												
		VMP-50-5-110614	11/6/2014												
		VMP-50-5-021015	2/10/2015												
		VMP-50-5-050515	5/5/2015												
		VMP-50-5-073015	7/30/2015												
		VMP-50-5-110315	11/3/2015												
		VMP-50-5-020216	2/2/2016												
		VMP-50-5-050316	5/3/2016												
		VMP-50-5-080216	8/2/2016												
		VMP-50-5-103116	10/31/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-50	10 ft	VMP-50-10-020113	2/1/2013												
		VMP-50-10-050713	5/7/2013												
		VMP-50-10-080713	8/7/2013												
		VMP-50-10-080713-Dup	8/7/2013												
		VMP-50-10-110713	11/7/2013												
		VMP-50-10-022614	2/26/2014												
		VMP-50-10-043014	4/30/2014												
		VMP-50-10-081414	8/14/2014												
		VMP-50-10-110614	11/6/2014												
		VMP-50-10-021015	2/10/2015												
		VMP-50-10-050515	5/5/2015												
		VMP-50-10-073015	7/30/2015												
		VMP-50-10-110315	11/3/2015												
		VMP-50-10-020216	2/2/2016												
		VMP-50-10-050316	5/3/2016												
		VMP-50-10-082616	8/26/2016												
		VMP-50-10-103116	10/31/2016												
	20 ft	VMP-50-20-020113	2/1/2013												
		VMP-50-20-050713	5/7/2013												
		VMP-50-20-080713	8/7/2013												
		VMP-50-20-110713	11/7/2013												
		VMP-50-20-110713-Dup	11/7/2013												
		VMP-50-20-022614	2/26/2014												
		VMP-50-20-043014	4/30/2014												
		VMP-50-20-081414	8/14/2014												
		VMP-50-20-110614	11/6/2014												
		VMP-50-20-021015	2/10/2015												
		VMP-50-20-050515	5/5/2015												
		VMP-50-20-073015	7/30/2015												
		VMP-50-20-110315	11/3/2015												
		VMP-50-20-020216	2/2/2016												
		VMP-50-20-050316	5/3/2016												
		VMP-50-20-082616	8/26/2016												
		VMP-50-20-103116	10/31/2016												
	30 ft	VMP-50-30-020113	2/1/2013												
		VMP-50-30-050713	5/7/2013												
		VMP-50-30-080713	8/7/2013												
		VMP-50-30-110713	11/7/2013												
		VMP-50-30-022614	2/26/2014												
		VMP-50-30-022614-Dup	2/26/2014												
		VMP-50-30-043014	4/30/2014												
		VMP-50-30-043014-DUP	4/30/2014												
		VMP-50-30-081414	8/14/2014												
		VMP-50-30-081414-Dup	8/14/2014												
		VMP-50-30-110614	11/6/2014												
		VMP-50-30-110614-DUP	11/6/2014												
		VMP-50-30-021015	2/10/2015												
		VMP-50-30-050515	5/5/2015												
		VMP-50-30-061515-R	6/15/2015												
		VMP-50-30-073015	7/30/2015												
		VMP-50-30-110315	11/3/2015												
		VMP-50-30-020216	2/2/2016												
		VMP-50-30-020216-DUP	2/2/2016												
		VMP-50-30-050316	5/3/2016												
		VMP-50-30-080216	8/2/2016												
		VMP-50-30-103116	10/31/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-51	5 ft	VMP-51-5-020113	2/1/2013												
		VMP-51-5-050213	5/2/2013												
		VMP-51-5-080713	8/7/2013												
		VMP-51-5-103013	10/30/2013												
		VMP-51-5-021814	2/18/2014												
		VMP-51-5-042814	4/28/2014												
		VMP-51-5-080114	8/1/2014												
		VMP-51-05-102914	10/29/2014												
		VMP-51-5-020315	2/3/2015												
		VMP-51-5-042915	4/29/2015												
		VMP-51-5-072115	7/21/2015												
		VMP-51-5-102815	10/28/2015												
		VMP-51-5-012516	1/25/2016												
		VMP-51-5-042816	4/28/2016												
		VMP-51-5-072716	7/27/2016												
		VMP-51-5-101916	10/19/2016												
	10 ft	VMP-51-10-020113	2/1/2013												
		VMP-51-10-050213	5/2/2013												
		VMP-51-10-080713	8/7/2013												
		VMP-51-10-103013	10/30/2013												
		VMP-51-10-021814	2/18/2014												
		VMP-51-10-042814	4/28/2014												
		VMP-51-10-080114	8/1/2014												
		VMP-51-10-102914	10/29/2014												
		VMP-51-10-020315	2/3/2015												
		VMP-51-10-042915	4/29/2015												
		VMP-51-10-072115	7/21/2015												
		VMP-51-10-102815	10/28/2015												
		VMP-51-10-012516	1/25/2016												
		VMP-51-10-042816	4/28/2016												
		VMP-51-10-042816-DUP	4/28/2016												
		VMP-51-10-072716	7/27/2016												
		VMP-51-10-101916	10/19/2016												
	20 ft	VMP-51-20-021513-R	2/15/2013												
		VMP-51-20-050213	5/2/2013												
		VMP-51-20-080713	8/7/2013												
		VMP-51-20-103013	10/30/2013												
		VMP-51-20-021814	2/18/2014												
		VMP-51-20-042814	4/28/2014												
		VMP-51-20-080114	8/1/2014												
		VMP-51-20-102914	10/29/2014												
		VMP-51-20-020315	2/3/2015												
		VMP-51-20-042915	4/29/2015												
		VMP-51-20-072115	7/21/2015												
		VMP-51-20-102815	10/28/2015												
		VMP-51-20-012516	1/25/2016												
		VMP-51-20-042816	4/28/2016												
		VMP-51-20-052516-R	5/25/2016												
		VMP-51-20-072716	7/27/2016												
		VMP-51-20-101916-Dup	10/19/2016												
		VMP-51-20-101916	10/19/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-51	30 ft	VMP-51-30-020413	2/4/2013												
		VMP-51-30-020413-DUP	2/4/2013												
		VMP-51-30-050213	5/2/2013												
		VMP-51-30-080713	8/7/2013												
		VMP-51-30-103013	10/30/2013												
		VMP-51-30-021814	2/18/2014												
		VMP-51-30-042814	4/28/2014												
		VMP-51-30-080114	8/1/2014												
		VMP-51-30-102914	10/29/2014												
		VMP-51-30-102914-DUP	10/29/2014												
		VMP-51-30-020315	2/3/2015												
		VMP-51-30-020315-DUP	2/3/2015												
		VMP-51-30-042915	4/29/2015												
		VMP-51-30-042915-DUP	4/29/2015												
		VMP-51-30-072115	7/21/2015												
		VMP-51-30-102815	10/28/2015												
		VMP-51-30-012516	1/25/2016												
		VMP-51-30-012516-DUP	1/25/2016												
		VMP-51-30-042816	4/28/2016												
		VMP-51-30-072716	7/27/2016												
		VMP-51-30-072716-DUP	7/27/2016												
		VMP-51-30-101916	10/19/2016												
VMP-52	5 ft	VMP-52-5-020413	2/4/2013												
		VMP-52-5-050213	5/2/2013												
		VMP-52-5-050213-Dup	5/2/2013												
		VMP-52-5-080713	8/7/2013												
		VMP-52-5-103013	10/30/2013												
		VMP-52-5-022114	2/21/2014												
		VMP-52-5-050514	5/5/2014												
		VMP-52-5-050514-Dup	5/5/2014												
		VMP-52-5-080114	8/1/2014												
		VMP-52-5-103114	10/31/2014												
		VMP-52-5-020415	2/4/2015												
		VMP-52-5-042915	4/29/2015												
		VMP-52-5-072715	7/27/2015												
		VMP-52-5-102915	10/29/2015												
		VMP-52-5-012516	1/25/2016												
		VMP-52-5-042516	4/25/2016												
		VMP-52-5-072716	7/27/2016												
		VMP-52-5-102716	10/27/2016												
	10 ft	VMP-52-10-020413	2/4/2013												
		VMP-52-10-051613	5/16/2013												
		VMP-52-10-080713	8/7/2013												
		VMP-52-10-103013	10/30/2013												
		VMP-52-10-022114	2/21/2014												
		VMP-52-10-080114	8/1/2014												
		VMP-52-10-103114	10/31/2014												
		VMP-52-10-020415	2/4/2015												
		VMP-52-10-042915	4/29/2015												
		VMP-52-10-072715	7/27/2015												
		VMP-52-10-102915	10/29/2015												
		VMP-52-10-012516	1/25/2016												
		VMP-52-10-042516	4/25/2016												
		VMP-52-10-072716	7/27/2016												
		VMP-52-10-102716	10/27/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-52	20 ft	VMP-52-20-020413	2/4/2013												
		VMP-52-20-020413-DUP	2/4/2013												
		VMP-52-20-050213	5/2/2013												
		VMP-52-20-080713	8/7/2013												
		VMP-52-20-103013	10/30/2013												
		VMP-52-20-022114	2/21/2014												
		VMP-52-20-042914	4/29/2014												
		VMP-52-20-082014-R	8/20/2014												
		VMP-52-20-103114	10/31/2014												
		VMP-52-20-020415	2/4/2015												
		VMP-52-20-042915	4/29/2015												
		VMP-52-20-072715	7/27/2015												
		VMP-52-20-102915	10/29/2015												
		VMP-52-20-012516	1/25/2016												
		VMP-52-20-042516	4/25/2016												
		VMP-52-20-072716	7/27/2016												
		VMP-52-20-102716	10/27/2016												
	30 ft	VMP-52-30-020413	2/4/2013												
		VMP-52-30-050613	5/6/2013												
		VMP-52-30-080713	8/7/2013												
		VMP-52-30-103013	10/30/2013												
		VMP-52-30-022114	2/21/2014												
		VMP-52-30-022114-Dup	2/21/2014												
		VMP-52-30-042914	4/29/2014												
		VMP-52-30-042914-DUP	4/29/2014												
		VMP-52-30-080114	8/1/2014												
		VMP-52-30-080114-Dup	8/1/2014												
		VMP-52-30-103114	10/31/2014												
		VMP-52-30-020415	2/4/2015												
		VMP-52-30-020415-DUP	2/4/2015												
		VMP-52-30-042915	4/29/2015												
		VMP-52-30-072715	7/27/2015												
		VMP-52-30-102915	10/29/2015												
		VMP-52-30-020216-R	2/2/2016												
		VMP-52-30-042516	4/25/2016												
		VMP-52-30-072716	7/27/2016												
		VMP-52-30-102716	10/27/2016												
VMP-53	5 ft	VMP-53-5-020513	2/5/2013												
		VMP-53-5-050213	5/2/2013												
		VMP-53-5-071113-R	7/11/2013												
		VMP-53-5-080613	8/6/2013												
		VMP-53-5-103013	10/30/2013												
		VMP-53-5-022114	2/21/2014												
		VMP-53-5-042514	4/25/2014												
		VMP-53-5-073014	7/30/2014												
		VMP-53-5-102914	10/29/2014												
		VMP-53-5-020415	2/4/2015												
		VMP-53-5-050415	5/4/2015												
		VMP-53-5-072415	7/24/2015												
		VMP-53-5-102815	10/28/2015												
		VMP-53-5-012816	1/28/2016												
		VMP-53-5-042816	4/28/2016												
		VMP-53-5-072916	7/29/2016												
		VMP-53-5-102516	10/25/2016												
		VMP-53-5-120916	12/9/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-53	10 ft	VMP-53-10-020513	2/5/2013												
		VMP-53-10-020513-DUP	2/5/2013												
		VMP-53-10-050313	5/3/2013												
		VMP-53-10-071113-R	7/11/2013												
		VMP-53-10-080613	8/6/2013												
		VMP-53-10-080613-Dup	8/6/2013												
		VMP-53-10-103013	10/30/2013												
		VMP-53-10-022114	2/21/2014												
		VMP-53-10-042514	4/25/2014												
		VMP-53-10-073014	7/30/2014												
		VMP-53-10-102914	10/29/2014												
		VMP-53-10-020415	2/4/2015												
		VMP-53-10-050415	5/4/2015												
		VMP-53-10-072415	7/24/2015												
		VMP-53-10-102815	10/28/2015												
		VMP-53-10-012816	1/28/2016												
		VMP-53-10-042816	4/28/2016												
		VMP-53-10-082616	8/26/2016												
		VMP-53-10-102516	10/25/2016												
		VMP-53-10-120916	12/9/2016												
	20 ft	VMP-53-20-020513	2/5/2013												
		VMP-53-20-050313	5/3/2013												
		VMP-53-20-071113-R	7/11/2013												
		VMP-53-20-080613	8/6/2013												
		VMP-53-20-103013	10/30/2013												
		VMP-53-20-103013-Dup	10/30/2013												
		VMP-53-20-022114	2/21/2014												
		VMP-53-20-042514	4/25/2014												
		VMP-53-20-073014	7/30/2014												
		VMP-53-20-102914	10/29/2014												
		VMP-53-20-020415	2/4/2015												
		VMP-53-20-050415	5/4/2015												
		VMP-53-20-072415	7/24/2015												
		VMP-53-20-102815	10/28/2015												
		VMP-53-20-021616	2/16/2016												
		VMP-53-20-042816	4/28/2016												
		VMP-53-20-072916	7/29/2016												
		VMP-53-20-102516	10/25/2016												
		VMP-53-20-120916	12/9/2016												
	30 ft	VMP-53-30-020513	2/5/2013												
		VMP-53-30-050313	5/3/2013												
		VMP-53-30-071113-R	7/11/2013												
		VMP-53-30-080613	8/6/2013												
		VMP-53-30-103013	10/30/2013												
		VMP-53-30-022114	2/21/2014												
		VMP-53-30-042514	4/25/2014												
		VMP-53-30-042514-DUP	4/25/2014												
		VMP-53-30-073014	7/30/2014												
		VMP-53-30-073014-Dup	7/30/2014												
		VMP-53-30-102914	10/29/2014												
		VMP-53-30-020415	2/4/2015												
		VMP-53-30-050415	5/4/2015												
		VMP-53-30-072415	7/24/2015												
		VMP-53-30-102815	10/28/2015												
		VMP-53-30-012816	1/28/2016												
		VMP-53-30-042816	4/28/2016												
		VMP-53-30-052516-R	5/25/2016												
		VMP-53-30-072916	7/29/2016												
		VMP-53-30-102516	10/25/2016												
		VMP-53-30-120916	12/9/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-54	5 ft	VMP-54-5-020613	2/6/2013												
		VMP-54-5-050213	5/2/2013												
		VMP-54-5-080613	8/6/2013												
		VMP-54-5-103013	10/30/2013												
		VMP-54-5-021014	2/10/2014												
		VMP-54-5-042514	4/25/2014												
		VMP-54-5-073014	7/30/2014												
		VMP-54-5-102914	10/29/2014												
		VMP-54-5-020515	2/5/2015												
		VMP-54-5-050415	5/4/2015												
		VMP-54-5-072415	7/24/2015												
		VMP-54-5-102715	10/27/2015												
		VMP-54-5-012816	1/28/2016												
		VMP-54-5-042916	4/29/2016												
		VMP-54-5-080116	8/1/2016												
		VMP-54-5-102816	10/28/2016												
	10 ft	VMP-54-10-020613	2/6/2013												
		VMP-54-10-050213	5/2/2013												
		VMP-54-10-080613	8/6/2013												
		VMP-54-10-103013	10/30/2013												
		VMP-54-10-021014	2/10/2014												
		VMP-54-10-050814-R	5/8/2014												
		VMP-54-10-073014	7/30/2014												
		VMP-54-10-102914	10/29/2014												
		VMP-54-10-020515	2/5/2015												
		VMP-54-10-050415	5/4/2015												
		VMP-54-10-072415	7/24/2015												
		VMP-54-10-102715	10/27/2015												
		VMP-54-10-012816	1/28/2016												
		VMP-54-10-042916	4/29/2016												
		VMP-54-10-080116	8/1/2016												
		VMP-54-10-102816	10/28/2016												
	20 ft	VMP-54-20-020613	2/6/2013												
		VMP-54-20-020613-DUP	2/6/2013												
		VMP-54-20-050213	5/2/2013												
		VMP-54-20-080613	8/6/2013												
		VMP-54-20-103013	10/30/2013												
		VMP-54-20-021014	2/10/2014												
		VMP-54-20-042514	4/25/2014												
		VMP-54-20-073014	7/30/2014												
		VMP-54-20-102914	10/29/2014												
		VMP-54-20-020515	2/5/2015												
		VMP-54-20-050415	5/4/2015												
		VMP-54-20-072415	7/24/2015												
		VMP-54-20-102715	10/27/2015												
		VMP-54-20-102715-DUP	10/27/2015												
		VMP-54-20-012816	1/28/2016												
		VMP-54-20-050516	5/5/2016												
		VMP-54-20-050516-DUP	5/5/2016												
		VMP-54-20-080116	8/1/2016												
		VMP-54-20-102816	10/28/2016												
	30 ft	VMP-54-30-020613	2/6/2013												
		VMP-54-30-020613-DUP	2/6/2013												
		VMP-54-30-050213	5/2/2013												
		VMP-54-30-050213-Dup	5/2/2013												
		VMP-54-30-103013	10/30/2013												
		VMP-54-30-021014	2/10/2014												
		VMP-54-30-042514	4/25/2014												
		VMP-54-30-073014	7/30/2014												
		VMP-54-30-110614-R	11/6/2014												
		VMP-54-30-021215	2/12/2015												
		VMP-54-30-050415	5/4/2015												
		VMP-54-30-080315	8/3/2015												
		VMP-54-30-102715	10/27/2015												
		VMP-54-30-012816	1/28/2016												
		VMP-54-30-042916	4/29/2016												
		VMP-54-30-042916-DUP	4/29/2016												
		VMP-54-30-080116	8/1/2016												
		VMP-54-30-102816	10/28/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-55	5 ft	VMP-55-5-110414	11/4/2014												
		VMP-55-5-110414-DUP	11/4/2014												
		VMP-55-5-020515	2/5/2015												
		VMP-55-5-050615	5/6/2015												
		VMP-55-5-110215	11/2/2015												
		VMP-55-5-020416	2/4/2016												
		VMP-55-5-082616	8/26/2016												
	20 ft	VMP-55-20-021513	2/15/2013												
		VMP-55-20-050113	5/1/2013												
		VMP-55-20-080713	8/7/2013												
		VMP-55-20-110813	11/8/2013												
		VMP-55-20-021814	2/18/2014												
		VMP-55-20-050514	5/5/2014												
		VMP-55-20-050514-Dup	5/5/2014												
		VMP-55-20-081314	8/13/2014												
		VMP-55-20-110414	11/4/2014												
		VMP-55-20-020515	2/5/2015												
		VMP-55-20-050615	5/6/2015												
		VMP-55-20-072915	7/29/2015												
		VMP-55-20-072915-DUP	7/29/2015												
		VMP-55-20-110215	11/2/2015												
		VMP-55-20-020416	2/4/2016												
		VMP-55-20-020416-DUP	2/4/2016												
		VMP-55-20-050416	5/4/2016												
		VMP-55-20-080316	8/3/2016												
		VMP-55-20-110116	11/1/2016												
	30 ft	VMP-55-30-030915	3/9/2015												
		VMP-55-30-050615	5/6/2015												
		VMP-55-30-050615-DUP	5/6/2015												
		VMP-55-30-061515-Dup-R	6/15/2015												
		VMP-55-30-061515-R	6/15/2015												
VMP-56	10 ft	VMP-56-10-050114	5/1/2014												
		VMP-56-10-081214	8/12/2014												
		VMP-56-10-110514	11/5/2014												
		VMP-56-10-021015	2/10/2015												
		VMP-56-10-110315	11/3/2015												
		VMP-56-10-020416	2/4/2016												
		VMP-56-10-050516	5/5/2016												
		VMP-56-10-072716	7/27/2016												
		VMP-56-10-102416	10/24/2016												
	25 ft	VMP-56-25-050114	5/1/2014												
		VMP-56-25-081214	8/12/2014												
		VMP-56-25-110514	11/5/2014												
		VMP-56-25-021015	2/10/2015												
		VMP-56-25-050715	5/7/2015												
		VMP-56-25-073115	7/31/2015												
		VMP-56-25-110315	11/3/2015												
		VMP-56-25-020416	2/4/2016												
		VMP-56-25-050516	5/5/2016												
		VMP-56-25-050516-DUP	5/5/2016												
		VMP-56-25-072716	7/27/2016												
		VMP-56-25-102416	10/24/2016												
	38.5 ft	VMP-56-38.5-050114	5/1/2014												
		VMP-56-38.5-081214	8/12/2014												
		VMP-56-38.5-081214-Dup	8/12/2014												
		VMP-56-38.5-110514	11/5/2014												
		VMP-56-38.5-110514-DUP	11/5/2014												
		VMP-56-38.5-021015	2/10/2015												
		VMP-56-38.5-050715	5/7/2015												
		VMP-56-38.5-061515-R	6/15/2015												
		VMP-56-38.5-073115	7/31/2015												
		VMP-56-38.5-073115-DUP	7/31/2015												
		VMP-56-38.5-110315	11/3/2015												
		VMP-56-38.5-110315-DUP	11/3/2015												
		VMP-56-38.5-020416	2/4/2016												

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APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-62	5 ft	VMP-62-5-122313	12/23/2013				13								
		VMP-62-5-021014	2/10/2014												
		VMP-62-5-042514	4/25/2014												
		VMP-62-5-073014	7/30/2014												
		VMP-62-5-111014-R	11/10/2014												
		VMP-62-5-020315	2/3/2015												
		VMP-62-5-042815	4/28/2015												
		VMP-62-5-072415	7/24/2015												
		VMP-62-5-102015	10/20/2015												
		VMP-62-5-012816	1/28/2016												
		VMP-62-5-042516	4/25/2016												
		VMP-62-5-072616	7/26/2016												
		VMP-62-5-102416	10/24/2016												
	10 ft	VMP-62-10-122313	12/23/2013												
		VMP-62-10-021014	2/10/2014												
		VMP-62-10-042514	4/25/2014												
		VMP-62-10-073014	7/30/2014												
		VMP-62-10-102814	10/28/2014												
		VMP-62-10-020315	2/3/2015												
		VMP-62-10-042815	4/28/2015												
		VMP-62-10-072415	7/24/2015												
		VMP-62-10-102015	10/20/2015												
		VMP-62-10-012816	1/28/2016												
		VMP-62-10-042516	4/25/2016												
		VMP-62-10-072616	7/26/2016												
		VMP-62-10-102416	10/24/2016												
	20 ft	VMP-62-20-122313	12/23/2013												
		VMP-62-20-122313-Dup	12/23/2013												
		VMP-62-20-021014	2/10/2014												
		VMP-62-20-042514	4/25/2014												
		VMP-62-20-073014	7/30/2014												
		VMP-62-20-102814	10/28/2014												
		VMP-62-20-020315	2/3/2015												
		VMP-62-20-042815	4/28/2015												
		VMP-62-20-072415	7/24/2015												
		VMP-62-20-102015	10/20/2015												
		VMP-62-20-012816	1/28/2016												
		VMP-62-20-042516	4/25/2016												
		VMP-62-20-072616	7/26/2016												
		VMP-62-20-102416	10/24/2016												
	30 ft	VMP-62-30-122313	12/23/2013												
		VMP-62-30-122313-Dup	12/23/2013				6.5								
		VMP-62-30-021014	2/10/2014												
		VMP-62-30-042514	4/25/2014												
		VMP-62-30-073014	7/30/2014												
		VMP-62-30-073014-Dup	7/30/2014												
		VMP-62-30-102814	10/28/2014												
		VMP-62-30-020315	2/3/2015												
		VMP-62-30-042815	4/28/2015												
		VMP-62-30-072415	7/24/2015												
		VMP-62-30-102015	10/20/2015												
		VMP-62-30-012816	1/28/2016												
		VMP-62-30-012816-DUP	1/28/2016												
		VMP-62-30-042516	4/25/2016												
		VMP-62-30-072616	7/26/2016												
		VMP-62-30-072616-DUP	7/26/2016												
		VMP-62-30-102416	10/24/2016												
		VMP-62-30-102416-Dup	10/24/2016												

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-63	5 ft	VMP-63-5-121113	12/11/2013												
		VMP-63-5-022814	2/28/2014												
		VMP-63-5-042514	4/25/2014												
		VMP-63-5-073014	7/30/2014												
		VMP-63-5-102814	10/28/2014												
		VMP-63-5-020315	2/3/2015												
		VMP-63-5-042815	4/28/2015												
		VMP-63-5-072415	7/24/2015												
		VMP-63-5-102615	10/26/2015												
		VMP-63-5-012816	1/28/2016												
		VMP-63-5-042616	4/26/2016												
		VMP-63-5-072516	7/25/2016												
		VMP-63-5-102416	10/24/2016												
	10 ft	VMP-63-10-121113	12/11/2013												
		VMP-63-10-020714	2/7/2014												
		VMP-63-10-042514	4/25/2014												
		VMP-63-10-073014	7/30/2014												
		VMP-63-10-102814	10/28/2014												
		VMP-63-10-020315	2/3/2015												
		VMP-63-10-042815	4/28/2015												
		VMP-63-10-072415	7/24/2015												
		VMP-63-10-102615	10/26/2015												
		VMP-63-10-012816	1/28/2016												
		VMP-63-10-042616	4/26/2016												
		VMP-63-10-072516	7/25/2016												
		VMP-63-10-102416	10/24/2016												
	20 ft	VMP-63-20-121213	12/12/2013												
		VMP-63-20-020714	2/7/2014												
		VMP-63-20-042514	4/25/2014												
		VMP-63-20-073014	7/30/2014												
		VMP-63-20-102814	10/28/2014												
		VMP-63-20-102814-DUP	10/28/2014												
		VMP-63-20-020315	2/3/2015												
		VMP-63-20-020315-DUP	2/3/2015												
		VMP-63-20-042815	4/28/2015												
		VMP-63-20-072415	7/24/2015												
		VMP-63-20-102615	10/26/2015												
		VMP-63-20-012816	1/28/2016												
		VMP-63-20-042616	4/26/2016												
		VMP-63-20-042616-DUP	4/26/2016												
		VMP-63-20-072516	7/25/2016												
		VMP-63-20-102416	10/24/2016												
	30 ft	VMP-63-30-121113	12/11/2013	16											
		VMP-63-30-020714	2/7/2014												
		VMP-63-30-042514	4/25/2014												
		VMP-63-30-042514-DUP	4/25/2014												
		VMP-63-30-073014	7/30/2014												
		VMP-63-30-102814	10/28/2014												
		VMP-63-30-020315	2/3/2015												
		VMP-63-30-042815	4/28/2015												
		VMP-63-30-072415	7/24/2015												
		VMP-63-30-102615	10/26/2015												
		VMP-63-30-102615-DUP	10/26/2015												
		VMP-63-30-012816	1/28/2016												
		VMP-63-30-042616	4/26/2016												
		VMP-63-30-072516	7/25/2016												
		VMP-63-30-072516-DUP	7/25/2016												
		VMP-63-30-102416	10/24/2016												

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-E
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL DETECTIONS AND SCREENING RESULTS - VOCs

Location	Depth	Sample ID	Sample Date	1-Propene			Unknown			Isobutane			Pentane		
				Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals	Result (ppbV)	Lab Quals	AECOM Quals
VMP-64	5 ft	VMP-64-5-122313	12/23/2013				110								
		VMP-64-5-022814	2/28/2014												
		VMP-64-5-042514	4/25/2014												
		VMP-64-5-073114	7/31/2014												
		VMP-64-5-102814	10/28/2014												
		VMP-64-5-020315	2/3/2015												
		VMP-64-5-042815	4/28/2015												
		VMP-64-5-072415	7/24/2015												
		VMP-64-5-102615	10/26/2015												
		VMP-64-5-012816	1/28/2016												
		VMP-64-5-042616	4/26/2016												
		VMP-64-5-080216	8/2/2016												
		VMP-64-5-080216-DUP	8/2/2016												
		VMP-64-5-102416	10/24/2016												
	10 ft	VMP-64-10-122313	12/23/2013												
		VMP-64-10-021014	2/10/2014												
		VMP-64-10-042514	4/25/2014												
		VMP-64-10-073114	7/31/2014												
		VMP-64-10-102814	10/28/2014												
		VMP-64-10-020315	2/3/2015												
		VMP-64-10-042815	4/28/2015												
		VMP-64-10-072415	7/24/2015												
		VMP-64-10-102615	10/26/2015												
		VMP-64-10-012816	1/28/2016												
		VMP-64-10-042616	4/26/2016												
		VMP-64-10-072216	7/22/2016												
		VMP-64-10-102416	10/24/2016												
	20 ft	VMP-64-20-122313	12/23/2013												
		VMP-64-20-122313-Dup	12/23/2013												
		VMP-64-20-021014	2/10/2014												
		VMP-64-20-042514	4/25/2014												
		VMP-64-20-073114	7/31/2014												
		VMP-64-20-102814	10/28/2014												
		VMP-64-20-020315	2/3/2015												
		VMP-64-20-042815	4/28/2015												
		VMP-64-20-072415	7/24/2015												
		VMP-64-20-102615	10/26/2015												
		VMP-64-20-012816	1/28/2016												
		VMP-64-20-042616	4/26/2016												
		VMP-64-20-042616-DUP	4/26/2016												
		VMP-64-20-072216	7/22/2016												
		VMP-64-20-072216-DUP	7/22/2016												
		VMP-64-20-102416	10/24/2016												
		VMP-64-20-102416-Dup	10/24/2016												

Notes:
Blank result cells indicate no data available.
Yellow highlighted cells indicate readings that exceed residential screening criterion.
* = Analytical results indicate anomalous readings compared to previous results. VMP location resampled to verify results from the laboratory.

Lab Qualifiers
J = Estimated value; results between the MDL and RL
U = Compound analyzed for but not detected above the RL

AECOM Qualifiers
J = Estimated detection
UJ = Estimated non-detect
U = Non-detect due to blank contamination
ND, UJ = Non-detected compound associated with low bias in the continuing calibration verification

Appendix 3-F. Cumulative Summary of Soil Gas Analytical Results – Natural Gases

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	5 ft	VMP-1-5	11/2/2009	4.5			<0.024	U		<0.0024	U		<0.0024	U		1.6			1.4			81			11		
		VMP-1-5-082510	8/25/2010	3			<0.026	U		<0.0026	U		<0.0026	U		0.95			0.0032			79			17		
		VMP-1-5-111710	11/17/2010	1			<0.026	U		<0.0026	U		<0.0026	U		3.3			0.0013			76			20		
		VMP-1-5-020411	2/4/2011	8			<0 02	U		0.00015	J		<0 002	U		0 036	J		0.26			84			7.5		
		VMP-1-5-041211	4/12/2011	1.8			<0.026	U		<0.0026	U		<0.0026	U		0.54			0 000064	J		78			20		
		VMP-1-5-080111	8/1/2011	7.8			<0.026	U		<0.0026	U		<0.0026	U		0.59			0.00007	J		80			12		
		VMP-1-5-110311	11/3/2011	7.4			<0.018	U		0.00087	J		<0.0018	U		0 017	J		1.7			82			8.5		
		VMP-1-5-013012	1/30/2012	12			<0.018	U		0.00086	J		<0.0018	U		0 026	J		1.4			84			1.7		
		VMP-1-5-041312	4/13/2012	2			<0.018	U		<0.0018	U		<0.0018	U		0.05	J		0 000022	J		78			20		
		VMP-1-5-071612	7/16/2012	1.8			<0.024	U		<0.0024	U		<0.0024	U		1.1			0.0012			78			19		
		VMP-1-5-101112	10/11/2012	0 37			<0.028	U		<0.0028	U		<0.0028	U		0 094			0 000034	J		80			19		
		VMP-1-5-012113	1/21/2013	0 34			<0.13	U		<0.0026	U		<0.0026	U		0.17			0.0016			78			21		
		VMP-1-5-012313-R	1/23/2013	3.1			<0.12	U		0.00074	J		<0.0023	U		<0.12	U		2			78			16		
		VMP-1-5-050813	5/8/2013	1.3			<0.029	U		<0.0029	U		<0.0029	U		0 047	J		0 000073	J		83			16		
		VMP-1-5-072913	7/29/2013	3.3			<0 03	U		<0.003	U		<0 003	U		0 012	J		0 001			85			18		
		VMP-1-5-072913-Dup	7/29/2013	3.2			<0 03	U		<0.003	U		<0 003	U		0 014	J		0.00092			80			17		
		VMP-1-5-110413	11/4/2013	1.2			<0.024	U		<0.0024	U		<0.0024	U		0.16			<0.00024	U		79			20		
		VMP-1-5-020714	2/7/2014	0.069			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0007			79			21		
		VMP-1-5-043014	4/30/2014	0.076			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00021	J		79			21		
		VMP-1-5-080714	8/7/2014	0 81			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0002	J		80			19		
		VMP-1-5-103114	10/31/2014	0 53			<0.028	U		<0.0028	U		<0.0028	U		0.7			0 000038	J		79			20		
		VMP-1-5-020915	2/9/2015	0.16			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000052	J		80			20		
		VMP-1-5-050515	5/5/2015	0 23			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-1-5-073015	7/30/2015	0.7			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			19		
		VMP-1-5-110315	11/3/2015	0.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-1-5-020316	2/3/2016	0.15			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-1-5-050316	5/3/2016	0 25			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000087	J		79			21		
		VMP-1-5-072516	7/25/2016	1.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0 000096	J		81			18		
		VMP-1-5-102816	10/28/2016	0 59			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	8.5 ft	VMP-1-8.5	11/2/2009	12			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		1 5			85			1.5		
		VMP-1-8.5-082510	8/25/2010	4.8			<0.026	U		<0.0026	U		<0.0026	U		4.1			0.0032			78			13		
		VMP-1-8.5-111710	11/17/2010	4.8			<0.025	U		<0.0025	U		<0.0025	U		1.9			0.0012			81			12		
		VMP-1-8.5-111710-Dup	11/17/2010	4.6			<0.025	U		<0.0025	U		<0.0025	U		1.9			0.00088			80			13		
		VMP-1-8.5-020411	2/4/2011	11			<0.024	U		0.00031	J		<0.0024	U		0 025	J		0.56			87			1.6		
		VMP-1-8.5-041211	4/12/2011	4.2			<0.026	U		<0.0026	U		<0.0026	U		0 057	J		0.00019	J		83			13		
		VMP-1-8.5-080111	8/1/2011	13			<0.029	U		0.00067	J		<0.0029	U		0 017	J		1 8			84			1.5		
		VMP-1-8.5-080111-Dup	8/1/2011	13			<0.028	U		0.00065	J		<0.0028	U		0 015	J		1 8			83			1.7		
		VMP-1-8.5-110311	11/3/2011	12			<0.016	U		0.002			<0.0016	U		0.0025	J		3 6			81			2.3		
		VMP-1-8.5-013012	1/30/2012	11			<0.018	U		0.00088	J		<0.0018	U		0.0064	J		1.4			84			3.5		
		VMP-1-8.5-041612	4/16/2012	4.4			<0.021	U		<0.0021	U		<0.0021	U		0 037	J		0 000058	J		78			18		
		VMP-1-8.5-041612-Dup	4/16/2012	4.5			<0.021	U		<0.0021	U		<0.0021	U		0 097	J		0 000068	J		77			18		
		VMP-1-8.5-071612	7/16/2012	3.3			<0.025	U		<0.0025	U		<0.0025	U		0 063	J		0.00024	J		80			17		
		VMP-1-8.5-101112	10/11/2012	1.8			<0.028	U		<0.0028	U		<0.0028	U		0 023	J		0 000043	J		81			17		
		VMP-1-8.5-012113	1/21/2013	0.48			<0 25	U		<0.005	U		<0 005	U		0.99			0 021			78			21		
		VMP-1-8.5-012313-R	1/23/2013	3.3			<0.12	U		<0.0023	U		<0.0023	U		0.0094	J		0 081			81			16		
		VMP-1-8.5-050813	5/8/2013	2.4			<0 03	U		<0.003	U		<0 003	U		0 032	J		<0 0003	U		80			18		
		VMP-1-8.5-072913	7/29/2013	3.6			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00016	J		80			16		
		VMP-1-8.5-110413	11/4/2013	0 98			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-1-8.5-020714	2/7/2014	0.15			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00013	J		78			22		
		VMP-1-8.5-043014	4/30/2014	0 25			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-1-8.5-080714	8/7/2014	0.74			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-1-8.5-103114	10/31/2014	0 35			<0.027	U		<0.0027	U		<0.0027	U		0 013	J		0 000049	J		80			20		
		VMP-1-8-020915	2/9/2015	0.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0 000052	J		79			21		
		VMP-1-8.5-050515	5/5/2015	0 27			<0.028	U		<0.0028	U		<0.0028	U		0 022	J		<0.00028	U		79			21		
		VMP-1-8.5-073015	7/30/2015	0 62			<0.027	U		<0.0027	U		<0.0027	U		0 028	J		<0.00027	U		79			20		
		VMP-1-8.5-110315	11/3/2015	0 23			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-1-8.5-020316	2/3/2016	0.095			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-1-8.5-050316	5/3/2016	0.19			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-1-8.5-072516	7/25/2016	0 52			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		82			17		
		VMP-1-8.5-102816	10/28/2016	0 29			<0.029	U		<0.0029	U		<0.0029	U		0 014	J		<0.00029	U		79			21		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-1	23.5 ft	VMP-1-23.5	11/2/2009	9.8			<0.024	U		0 0038			<0.0024	U		<0.12	U		7.4			80			1.3		
		VMP - 1 - 23 5 - 083010	8/30/2010	8.1			<0.027	U		0 0052			<0.0027	U		0 032	J		9.7			78			1.6		
		VMP-1-23.5-111810	11/17/2010	1.6			<0.025	U		<0.0025	U		<0.0025	U		0.86			0 000052	J		78			19		
		VMP-1-23.5-020411	2/4/2011	8.9			<0.023	U		0 0052			<0.0023	U		0 016	J		12			76			1.3		
		VMP-1-23.5-041211	4/12/2011	7.4		J	<0.027	U		0.00072	J		<0.0027	U		0.15			2 2		J	88			2.2		J
		VMP-1-23.5-041211-DUP	4/12/2011	10		J	<0.024	U		0 0011	J		<0.0024	U		0 023	J		2 9		J	85			1.6		J
		VMP-1-23.5-080111	8/1/2011	9.3			<0.026	U		0 0057			<0.0026	U		0.16			10			76			2.2		
		VMP-1-23.5-110611	11/6/2011	10			<0.018	U		0 0029			<0.0018	U		0 089	J		7			80			1.5		
		VMP-1-23.5-013112	1/31/2012	9.1			<0.017	U		0 0023			<0.0017	U		<0 084	U		6			80			4.2		
		VMP-1-23.5-041612	4/16/2012	12			<0.019	U		<0.0019	U		<0.0019	U		0 086	J		0 049			84			3.6		
		VMP-1-23.5-071612	7/16/2012	7.7			<0.019	U		0 0012	J		<0.0019	U		1			2 5			80			7.6		
		VMP-1-23.5-102412	10/24/2012	1.3			<0.029	U		0.00057	J		<0.0029	U		0.14			1 3			78			19		
		VMP-1-23.5-012113	1/21/2013	0 39		J	<0.13	U	UJ	<0.0027	U	UJ	<0.0027	U	UJ	6.2		J	0.0044		J	73		J	20		J
		VMP-1-23.5-012313-R	1/23/2013	8.5			<0.13	U		0 0035			<0.0026	U		<0.13	U		7 8			76			4.8		
		VMP-1-23.5-050813	5/8/2013	6.2			<0.031	U		<0.0031	U		<0.0031	U		0 032	J		0.02			83			11		
		VMP-1-23.5-050813-Dup	5/8/2013	6.3			<0.029	U		<0.0029	U		<0.0029	U		0 035	J		0 021			83			11		
		VMP-1-23.5-072913	7/29/2013	4.9			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00067			82			13		
		VMP-1-23.5-110413	11/4/2013	1.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-1-23.5-020714	2/7/2014	0 28			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-1-23.5-043014	4/30/2014	0 31			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-1-23.5-080714	8/7/2014	0 57			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-1-23.5-103114	10/31/2014	0 39			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0001	J		80			20		
		VMP-1-23.5-020915	2/9/2015	0.14			<0.033	U		<0.0033	U		<0.0033	U		<0.16	U		0 000057	J		79			21		
		VMP-1-23.5-050515	5/5/2015	0 35			<0.025	U		<0.0025	U		<0.0025	U		0 028	J		<0.00025	U		79			21		
		VMP-1-23.5-073015	7/30/2015	0 65			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		79			20		
		VMP-1-23.5-110315	11/3/2015	0 23			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-1-23.5-020316	2/3/2016	0.11			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			21		
		VMP-1-23.5-050316	5/3/2016	0 26			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			20		
		VMP-1-23.5-050316-DUP	5/3/2016	0 26			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-1-23.5-072516	7/25/2016	1.1			<0.026	U		<0.0026	U		<0.0026	U		0.0058	J		<0.00026	U		80			19		
		VMP-1-23.5-072516-DUP	7/25/2016	1.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP1-23 5-102816	10/28/2016	0.049			<0.032	U		<0.0032	U		<0.0032	U		0 013	J		0.00019	J		79			21		
	38.5 ft	VMP-1-38.5	11/2/2009	5.6			<0.022	U		0.017			<0.0022	U		0.23			33			54			1.4		
		VMP-1-38.5-073112	7/31/2012	1.7			<0.019	U		<0.0019	U		<0.0019	U		<0 094	U		0 000097	J		83			15		
		VMP-1-38.5-102612	10/26/2012	0 29			<0.026	U		0.00068	J		<0.0026	U		1.2			1 8			76			20		
		VMP-1-38.5-012113	1/21/2013	0.13		J	<0.13	U	UJ	<0.0026	U	UJ	<0.0026	U	UJ	6.6		J	0.0012		J	73		J	20		J
		VMP-1-38.5-012313-R	1/23/2013	3.2			<0.12	U		0 0021	J		<0.0024	U		<0.12	U		6			75			14		
		VMP-1-38.5-050913	5/9/2013	4.5			<0.027	U		0.013			<0.0027	U		<0.13	U		39			46			1.4		
		VMP-1-38.5-020714	2/7/2014	8			<0.024	U		<0.0024	U		<0.0024	U		0 029	J		0.0085			86			5.9		
		VMP-1-38.5-020714-Dup	2/7/2014	8.7			<0.025	U		<0.0025	U		<0.0025	U		0.02	J		0.0093			86			4.7		
		VMP-1-38.5-043014	4/30/2014	7.9			<0.025	U		<0.0025	U		<0.0025	U		0 036	J		0 018			86			5.8		
		VMP-1-38.5-080714	8/7/2014	8.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.25			86			5.5		
		VMP-1-38.5-103114	10/31/2014	6.2			<0.024	U		<0.0024	U		<0.0024	U		0.37			0.00075			81			12		
		VMP-1-38.5-020915	2/9/2015	8.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00067			83			8.6		
		VMP-1-38.5-020915-DUP	2/9/2015	8.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00057			83			8.6		
		VMP-1-38.5-050515	5/5/2015	7.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.05			82			10		
		VMP-1-38.5-061515-R	6/15/2015	7.2			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.0057			82			11		
		VMP-1-38.5-073015	7/30/2015	4.4			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		81			15		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	5 ft	VMP-2-5	11/2/2009	7.8			<0.023	U		<0.0023	U		<0.0023	U		2.4			0.0078			79			11		
		VMP - 2 - 5 - 083110	8/31/2010	10			<0.027	U		0.00086	J		<0.0027	U		0 039	J		1 6			85			3.2		
		VMP-2-5-111610	11/16/2010	11			<0.026	U		0 0021	J		<0.0026	U		0.32			3 6			80			4.6		
		VMP-2-5-020411	2/4/2011	10			<0.028	U		0.00055	J		<0.0028	U		0 013	J		1.7			85			3.2		
		VMP-2-5-041311	4/13/2011	3.3			<0.028	U		<0.0028	U		<0.0028	U		0.04	J		0.00014	J		79			18		
		VMP-2-5-080211	8/2/2011	12			<0.029	U		0 0018	J		<0.0029	U		0.0082	J		2.7			83			1.5		
		VMP-2-5-110711	11/7/2011	5.3			<0.017	U		<0.0017	U		<0.0017	U		0 019	J		0 000043	J		85			10		
		VMP-2-5-012512	1/25/2012	12			<0.016	U		<0.0016	U		<0.0016	U		<0 078	U		0.62			84			3		
		VMP-2-5-042512	4/25/2012	6.8			<0.029	U		<0.0029	U		<0.0029	U		0.12	J		0.00036			80			13		
		VMP-2-5-071612	7/16/2012	1.5			<0.025	U		<0.0025	U		<0.0025	U		0 025	J		0.0001	J		80			19		
		VMP-2-5-102412	10/24/2012	0.2			<0.029	U		<0.0029	U		<0.0029	U		0 054	J		0.00011	J		81			19		
		VMP-2-5-013113	1/31/2013	0 32			<0.14	U		<0.0028	U		<0.0028	U		0.22			0.00025	J		78			21		
		VMP-2-5-050613	5/6/2013	0.2			<0.026	U		<0.0026	U		<0.0026	U		0 029	J		<0.00026	U		79			21		
		VMP-2-5-022614	2/26/2014	0.13			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0001	J		78			22		
		VMP-2-5-050114	5/1/2014	0.087			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000094	J		79			21		
		VMP-2-5-111014	11/10/2014	0.086			<0.022	U		<0.0022	U		<0.0022	U		0.61			0.00014	J		82			17		
		VMP-2-5-021015	2/10/2015	0 22			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000043	J		79			21		
		VMP-2-5-050615	5/6/2015	0.12			<0.029	U		<0.0029	U		<0.0029	U		0.18			0.00012	J		80			20		
		VMP-2-5-110415	11/4/2015	0.47			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00015	J		78			21		
		VMP-2-5-020116	2/1/2016	0.13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00015	J		78			22		
		VMP-2-5-042716	4/27/2016	0 63			<0.031	U		<0.0031	U		<0.0031	U		<0.16	J	U	0.00012	J		79			20		
		VMP-2-5-072616	7/26/2016	6.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			13		
		VMP-2-5-102616	10/26/2016	4.3			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			17		
	8.5 ft	VMP-2-8.5	11/3/2009	2.5			<0 02	U		<0.002	U		<0 002	U		1.2			<0 0002	U		78			18		
		VMP-2-8.5-D	11/3/2009	2.7			<0.022	U		<0.0022	U		<0.0022	U		1.3			<0.00022	U		78			18		
		VMP - 2 - 8.5 - 083110	8/31/2010	11			<0.028	U		0 0025	J		<0.0028	U		0 025	J		4 5			82			1.4		
		VMP-2-8.5-111610	11/16/2010	11			<0.025	U		0 0032			<0.0025	U		0 011	J		6 3			80			1.6		
		VMP-2-8.5-020411	2/4/2011	11			<0.026	U		0 0011	J		<0.0026	U		0.86			3 8			82			1.7		
		VMP-2-8.5-041311	4/13/2011	10			<0.024	U		<0.0024	U		<0.0024	U		0 028	J		0.0027			84			5.4		
		VMP-2-8.5-080211	8/2/2011	9.8			<0.021	U		0 0029			<0.0021	U		0.0091	J		4 8			80			4		
		VMP-2-8.5-110711	11/7/2011	9			<0.017	U		<0.0017	U		<0.0017	U		0 024	J		0.00007	J		85			5.7		
		VMP-2-8.5-012612	1/26/2012	12			<0.016	U		0.00037	J		<0.0016	U		<0.08	U		1 3			85			1.5		J
		VMP-2-8.5-012612-DUP	1/26/2012	12			<0.016	U		0.00034	J		<0.0016	U		<0.08	U		1 2			84			2.5		J
		VMP-2-8.5-041612	4/16/2012	1.8			<0 02	U		<0.002	U		<0 002	U		0 015	J		0.0001	J		78			20		
		VMP-2-8.5-041612-Dup	4/16/2012	1.8			<0 02	U		<0.002	U		<0 002	U		0 017	J		0 000093	J		78			20		
		VMP-2-8.5-071612	7/16/2012	6			<0.028	U		<0.0028	U		<0.0028	U		0 013	J		<0.00028	U		79			15		
		VMP-2-8.5-071612-Dup	7/16/2012	6.1			<0.025	U		<0.0025	U		<0.0025	U		0 016	J		<0.00025	U		79			15		
		VMP-2-8.5-102312	10/23/2012	0 62			<0.029	U		<0.0029	U		<0.0029	U		0 039	J		0 000092	J		80			19		
		VMP-2-8.5-020513	2/5/2013	1.8			<0.15	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			19		
		VMP-2-8.5-050613	5/6/2013	0.8			<0.028	U		<0.0028	U		<0.0028	U		0 023	J		<0.00028	U		78			21		
		VMP-2-8.5-050613-Dup	5/6/2013	0.79			<0.027	U		<0.0027	U		<0.0027	U		0 023	J		<0.00027	U		79			20		
		VMP-2-8.5-022614	2/26/2014	0.12			<0.025	U		<0.0025	U		<0.0025	U		0 012	J		<0.00025	U		79			21		
		VMP-2-8.5-050114	5/1/2014	0.18			<0.025	U		<0.0025	U		<0.0025	U		0 019	J		0 000093	J		79			21		
		VMP-2-8.5-081514	8/15/2014	0.14			<0.032	U		<0.0032	U		<0.0032	U		0 076	J		0.00022	J		79			21		
		VMP-2-8.5-081514-DUP	8/15/2014	0.14			<0.033	U		<0.0033	U		<0.0033	U		0.1	J		0.00021	J		79			21		
		VMP-2-8.5-111014	11/10/2014	0.13			<0 03	U		<0.003	U		<0 003	U		0.91			<0 0003	U		79			20		
		VMP-2-8.5-021015	2/10/2015	0.41			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000061	J		78			21		
		VMP-2-8.5-050615	5/6/2015	0.17			<0.028	U		<0.0028	U		<0.0028	U		0.61			0 000094	J		79			20		
		VMP-2-8.5-110415	11/4/2015	0 65			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			21		
		VMP-2-8.5-021616	2/16/2016	0.17			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		80			20		
		VMP-2-8.5-042716	4/27/2016	0 34			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		80			20		
		VMP-2-8.5-072616	7/26/2016	2.3			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		81			17		
		VMP-2-8.5-102616	10/26/2016	3.7			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			17		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-2	22 ft	VMP-2-22	11/3/2009	10			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.54			85			4		
		VMP - 2 - 22 - 083110	8/31/2010	10			<0.028	U		0.004			<0.0028	U		0 041	J		8			79			1.4		
		VMP-2-22-111610	11/16/2010	11			<0.026	U		0 0038			<0.0026	U		<0.13	U		8 2			78			1.5		
		VMP-2-22-020411	2/4/2011	11			<0.024	U		0 0016	J		<0.0024	U		0.01	J		5.1			82			1.5		
		VMP-2-22-041311	4/13/2011	11			<0.026	U		0 0013	J		<0.0026	U		0 049	J		4 3			83			1.7		
		VMP-2-22-080211	8/2/2011	9.7			<0.028	U		0 0041			<0.0028	U		0 021	J		8 2			79			1.9		
		VMP-2-22-110711	11/7/2011	3.7			<0.017	U		0.00039	J		<0.0017	U		0.0062	J		1 2			80			15		
		VMP-2-22-012612	1/26/2012	12			<0.016	U		0.00073	J		<0.0016	U		0 033	J		3.1			83			2		
		VMP-2-22-042712	4/27/2012	3.8			<0.022	U		<0.0022	U		<0.0022	U		0.0089	J		0 000085	J		82			14		
		VMP-2-22-071612	7/16/2012	5.6			<0.026	U		<0.0026	U		<0.0026	U		0 031	J		0.00018	J		81			13		
		VMP-2-22-102312	10/23/2012	3.7			<0.029	U		<0.0029	U		<0.0029	U		0 052	J		0 000042	J		80			16		
		VMP-2-22-013113	1/31/2013	2.5			<0.13	U		<0.0027	U		<0.0027	U		<0.13	U		0 000019	J		80			18		
		VMP-2-22-050613	5/6/2013	1.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		76			22		
		VMP-2-22-081213	8/12/2013	1.6			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		0 001			79			19		
		VMP-2-22-111513	11/15/2013	0.72			<0.027	U		<0.0027	U		<0.0027	U		3.3			0.00019	J		76			20		
		VMP-2-22-022614	2/26/2014	0.43			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			21		
		VMP-2-22-050114	5/1/2014	0 52			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-2-22-081414	8/14/2014	1.2			<0.031	U		<0.0031	U		<0.0031	U		0.58			0.00014	J		79			19		
		VMP-2-22-111014	11/10/2014	0.14			<0.023	U		<0.0023	U		<0.0023	U		0 082	J		0.00022	J		79			21		
		VMP-2-22-021015	2/10/2015	0 29			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000092	J		79			21		
		VMP-2-22-021015-DUP	2/10/2015	0.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00009	J		79			21		
		VMP-2-22-050615	5/6/2015	0.46			<0 03	U		<0.003	U		<0 003	U		0 033	J		0.00005	J		80			19		
		VMP-2-22-073015	7/30/2015	1.6			<0.026	U		<0.0026	U		<0.0026	U		1			<0.00026	U		78			19		
		VMP-2-22-110415	11/4/2015	0 52			<0.027	U		<0.0027	U		<0.0027	U		0.54			<0.00027	U		78			21		
		VMP-2-22-020116	2/1/2016	0 33			<0.028	U		<0.0028	U		<0.0028	U		0 066	J		<0.00028	U		79			21		
		VMP-2-22-020116-DUP	2/1/2016	0 34			<0.029	U		<0.0029	U		<0.0029	U		0 071	J		<0.00029	U		79			21		
		VMP-2-22-042716	4/27/2016	0 39			<0.032	U		<0.0032	U		<0.0032	U		0 017	J		<0.00032	U		80			20		
		VMP-2-22-072616	7/26/2016	2.2			<0.028	U		<0.0028	U		<0.0028	U		0.04	J		<0.00028	U		80			18		
		VMP-2-22-102616	10/26/2016	3.3			<0.027	U		<0.0027	U		<0.0027	U		0.0074	J		<0.00027	U		80			17		
	42 ft	VMP-2-42	11/3/2009	5			<0.022	U		0.02			<0.0022	U		<0.11	U		64			16			0 92		
		VMP-2-42-013113	1/31/2013	6.2			<0.12	U		0.012			<0.0025	U		<0.12	U		25			60			4.1		
		VMP-2-42-050613	5/6/2013	5.6			<0.028	U		0 0074			<0.0028	U		0.01	J		16			76			1.9		
		VMP-2-42-022614	2/26/2014	7.6			<0.024	U		0.012			<0.0024	U		<0.12	U		24			61			3.5		
		VMP-2-42-050114	5/1/2014	6.6			<0.023	U		0 0059			<0.0023	U		<0.11	U		17			64			8.8		
		VMP-2-42-081414	8/14/2014	9.6			<0.027	U		0.016			<0.0027	U		<0.13	U		22			63			2.4		
		VMP-2-42-021015	2/10/2015	7.6			<0.024	U		0.01			<0.0024	U		<0.12	U		25			59			4.4		
		VMP-2-42-050615	5/6/2015	8.2			<0.027	U		0.011			<0.0027	U		0 049	J		33			52			1.9		
		VMP-2-42-061515-R	6/15/2015	6.8			<0.027	U		0.021			<0.0027	U		<0.14	U		53			30			1.8		
		VMP-2-42-073015	7/30/2015	7.1			<0.026	U		0.016			<0.0026	U		0 017	J		39			45			3.5		
VMP-3	5 ft	VMP-3-5	11/3/2009	8.5			<0.027	U		<0.0027	U		<0.0027	U		0.18			0 037			86			5		
		VMP-3-5-090910	9/9/2010	12			<0.021	U		0 0018	J		<0.0021	U		0.5			7 5			76			2.7		
		VMP-3-5-112210	11/22/2010	8			<0.027	U		0 0028			<0.0027	U		1.5			10			72			6.9		
		VMP-3-5-020911	2/9/2011	4.2			<0.024	U		0.00094	J		<0.0024	U		0.57			3 9			88			2.6		
		VMP-3-5-041411	4/14/2011	9.8			<0.026	U		0 0053			<0.0026	U		0.48			15			71			1.6		
		VMP-3-5-080211	8/2/2011	13			<0.063	U		<0.0063	U		<0.0063	U		0 025	J		0.00046	J		79			7.8		
		VMP-3-5-110811	11/8/2011	3.1			<0.017	U		<0.0017	U		<0.0017	U		0 003	J		<0.00017	U		80			17		
		VMP-3-5-110811-DUP	11/8/2011	3			<0.018	U		<0.0018	U		<0.0018	U		0.0035	J		0.00003	J		80			17		
		VMP-3-5-012712	1/27/2012	1.9			<0.018	U		<0.0018	U		<0.0018	U		<0 088	U		0 000052	J		84			14		
		VMP-3-5-041912	4/19/2012	1.9			<0.026	U		<0.0026	U		<0.0026	U		0 038	J		0 000043	J		79			19		
		VMP-3-5-072712	7/27/2012	0 37			<0 02	U		<0.002	U		<0 002	U		0.33			0.00028			79			20		
		VMP-3-5-060413	6/4/2013	0 59			<0.032	U		<0.0032	U		<0.0032	U		0 027	J		0.00018	J		81			18		
		VMP-3-5-072913	7/29/2013	1.1			<0 03	U		<0.003	U		<0 003	U		0 054	J		0.00037			84			15		
		VMP-3-5-110613	11/6/2013	0 64			<0.026	U		<0.0026	U		<0.0026	U		0.01	J		0.0002	J		79			20		
		VMP-3-5-021314	2/13/2014	0 24			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			22		
		VMP-3-5-050214	5/2/2014	0 29			<0.036	U		<0.0036	U		<0.0036	U		0 057	J		<0.00036	U		77			23		
		VMP-3-5-081214	8/12/2014	0 98			<0.027	U		<0.0027	U		<0.0027	U		0 012	J		0.00012	J		80			19		
		VMP-3-5-103114	10/31/2014	0.4			<0.028	U		<0.0028	U		<0.0028	U		0 083	J		0.00007	J		80			20		
		VMP-3-5-020915	2/9/2015	0.16			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		0 000078	J		80			20		
		VMP-3-5-050415	5/4/2015	0.46			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-3-5-072915	7/29/2015	0.6			<0.026	U		<0.0026	U		<0.0026	U		0 017	J		0.00016	J		79			20		
		VMP-3-5-110515	11/5/2015	0.054			<0.022	U		<0.0022	U		<0.0022	U		0 017	J		0.00015	J		79			21		
		VMP-3-5-021616	2/16/2016	0 05			<0.023	U		<0.0023	U		<0.0023	U		0.19			0.00026			79			21		
		VMP-3-5-042716	4/27/2016	0.15			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00029			80			20		
		VMP-3-5-080116	8/1/2016	0.075			<0.039	U		<0.0039	U		<0.0039	U		2.2			0.00022	J		78			20		
		VMP-3-5-102616	10/26/2016	0.054			<0.028	U		<0.0028	U		<0.0028	U		0 034	J		0.00016	J		79			21		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	10 ft	VMP-3-10	6/21/2010	7.9			<0 03	U		0.01			<0 003	U		<0.15	U		26			60			1.3		
		VMP 3-10-091010	9/10/2010	9.2			<0.024	U		0.012			<0.0024	U		<0.12	U		28			56			1.1		
		VMP-3-10-092010	9/20/2010	8.3			<0.025	U		0.011			<0.0025	U		<0.12	J	U	26			58			2.9		
		VMP-3-10-112210	11/22/2010	8.7			<0.026	U		0.011			<0.0026	U		0 044	J		25			60			1.6		
		VMP-3-10-112210-Dup	11/22/2010	8.3			<0.026	U		0 0098			<0.0026	U		0 018	J		23			61			2.6		
		VMP-3-10-020811	2/8/2011	8.2			<0.023	U		0 0072			<0.0023	U		0.1	J		18			68			1.8		
		VMP-3-10-041311	4/13/2011	8.2			<0.027	U		0 0092			<0.0027	U		0 098	J		22			64			1.2		
		VMP-3-10-080311	8/3/2011	14			<0.021	U		<0.0021	U		<0.0021	U		0.29			0.29			78			6.9		
		VMP-3-10-110811	11/8/2011	5			<0.018	U		<0.0018	U		<0.0018	U		0 051	J		0.0024			85			9.8		
		VMP-3-10-012712	1/27/2012	2			<0.017	U		<0.0017	U		<0.0017	U		<0 084	U		0.0028			81			17		
		VMP-3-10-042012	4/20/2012	1.4			<0.022	U		<0.0022	U		<0.0022	U		0.14			0 000024	J		80			18		
		VMP-3-10-072312	7/23/2012	1.9			<0 02	U		<0.002	U		<0 002	U		0.94			0.00009	J		78			19		
		VMP-3-10-101812	10/18/2012	0.76			<0 03	U		<0.003	U		<0 003	U		0 024	J		0 000056	J		79			20		
		VMP-3-10-020613	2/6/2013	0 34			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		0 000039	J		79			21		
		VMP-3-10-060413	6/4/2013	1.6			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.0002	J		79			19		
		VMP-3-10-072913	7/29/2013	2.4			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0.00016	J		81			17		
		VMP-3-10-110613	11/6/2013	0.45			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00063			78			21		
		VMP-3-10-022814	2/28/2014	0.14			<0.024	U		<0.0024	U		<0.0024	U		0 018	J		<0.00024	U		79			21		
		VMP-3-10-022814-Dup	2/28/2014	0.14			<0.023	U		<0.0023	U		<0.0023	U		0 015	J		<0.00023	U		79			21		
		VMP-3-10-050214	5/2/2014	0.19			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000096	J		79			21		
		VMP-3-10-081214	8/12/2014	0 57			<0 03	U		<0.003	U		<0 003	U		0 041	J		0.00012	J		79			20		
		VMP-3-10-103114	10/31/2014	0 25			<0.026	U		<0.0026	U		<0.0026	U		1.2			0 000084	J		78			20		
		VMP-3-10-020915	2/9/2015	0.14			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.0002	J		79			21		
		VMP-3-10-050415	5/4/2015	0 36			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			20		
		VMP-3-10-072915	7/29/2015	0.74			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00027			79			20		
		VMP-3-10-110315	11/3/2015	0.18			<0.028	U		<0.0028	U		<0.0028	U		0.17			<0.00028	U		79			21		
		VMP-3-10-021616	2/16/2016	0.13			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			22		
		VMP-3-10-042716	4/27/2016	0 26			<0 03	U		<0.003	U		<0 003	U		0.0085	J		0.00041			80			20		
		VMP-3-10-080216	8/2/2016	0.12			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0002	J		80			20		
		VMP-3-10-102616	10/26/2016	0.085			<0.031	U		<0.0031	U		<0.0031	U		0 078	J		0.00017	J		80			20		
	22 ft	VMP-3-22	11/4/2009	8.7			<0.023	U		0.012			<0.0023	U		<0.12	U		25			58			1.1		
		VMP-3-22-092010	9/20/2010	8			<0.024	U		0.013			<0.0024	U		<0.12	J	U	<0.00024	U		52			1.1		
		VMP-3-22-112210	11/22/2010	8.2			<0.023	U		0.011			<0.0023	U		0.02	J		28			56			1.3		
		VMP-3-22-020811	2/8/2011	7.9			<0.045	U		0.013			<0.0045	U		0 013	J		25			60			1.6		
		VMP-3-22-041511	4/15/2011	7.8			<0.025	U		0.012			<0.0025	U		0 028	J		29			56			1.2		
		VMP-3-22-080611	8/6/2011	2.4			<0.032	U		<0.0032	U		<0.0032	U		0.13	J		0.83			84			13		
		VMP-3-22-110811	11/8/2011	1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.0043			78			21		
		VMP-3-22-013012	1/30/2012	6.8			<0.018	U		<0.0018	U		<0.0018	U		0.0072	J		0.0028			82			11		
		VMP-3-22-042012	4/20/2012	0 97			<0.023	U		<0.0023	U		<0.0023	U		0 016	J		0.0018			79			20		
		VMP-3-22-072312	7/23/2012	0 89			<0 02	U		<0.002	U		<0 002	U		0.13			0.00015	J		79			20		
		VMP-3-22-101812	10/18/2012	2.9			<0 03	U		<0.003	U		<0 003	U		0.02	J		0 000076	J		79			18		
		VMP-3-22-020613	2/6/2013	2.6			<0.14	U		<0.0029	U		<0.0029	U		<0.14	U		0.00028	J		79			18		
		VMP-3-22-060413	6/4/2013	2			<0.028	U		<0.0028	U		<0.0028	U		0.11	J		0 000094	J		79			19		
		VMP-3-22-060413-Dup	6/4/2013	2			<0 03	U		<0.003	U		<0 003	U		0.1	J		<0 0003	U		79			19		
		VMP-3-22-072913	7/29/2013	2.7			<0.028	U		<0.0028	U		<0.0028	U		0 015	J		0.00021	J		80			17		
		VMP-3-22-110613	11/6/2013	1.4			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-3-22-110613-Dup	11/6/2013	1.2			<0.026	U		<0.0026	U		<0.0026	U		1.4			<0.00026	U		77			20		
		VMP-3-22-021314	2/13/2014	0 96			<0.025	U		<0.0025	U		<0.0025	U		0 012	J		<0.00025	U		79			20		
		VMP-3-22-050214	5/2/2014	0 86			<0.024	U		<0.0024	U		<0.0024	U		0 031	J		<0.00024	U		79			20		
		VMP-3-22-081214	8/12/2014	2.1			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			19		
		VMP-3-22-103114	10/31/2014	1.5			<0.025	U		<0.0025	U		<0.0025	U		1.5			0.00005	J		78			19		
		VMP-3-22-020915	2/9/2015	0 54			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00002	J		79			20		
		VMP-3-22-050815	5/8/2015	0.093			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0002	J		80			20		
		VMP-3-22-072915	7/29/2015	0.8			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		78			21		
		VMP-3-22-110315	11/3/2015	0.75			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-3-22-021616	2/16/2016	0.75			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			21		
		VMP-3-22-042716	4/27/2016	0.41			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			20		
		VMP-3-22-080116	8/1/2016	0 88			<0.035	U		<0.0035	U		<0.0035	U		0 055	J		<0.00035	U		79			20		
		VMP-3-22-102616	10/26/2016	1.1			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-3	31.5 ft	VMP-3-31.5	11/4/2009	5.6			<0.025	U		0.02			<0.0025	U		<0.12	U		43			36			0.77		
		VMP-3-31.5-090910	9/9/2010	4.4			<0.021	U		0.017			<0.0021	U		0 018	J		47			30			1.3		
		VMP-3-31.5-112210	11/22/2010	4.9			<0.026	U		0.017			<0.0026	U		0 024	J		47			32			1.1		
		VMP-3-31.5-020911	2/9/2011	6.4			<0 02	U		0.014			<0 002	U		0 016	J		37			46			2		
		VMP-3-31.5-041411	4/14/2011	5.7			<0.025	U		0.016			<0.0025	U		0 019	J		48			33			0 86		
		VMP-3-31.5-041411-DUP	4/14/2011	5.7			<0.025	U		0.016			<0.0025	U		0 066	J		48			32			1		
		VMP-3-31.5-080211	8/2/2011	4.7			<0.028	U		0.017			<0.0028	U		0 035	J		50			27			0 92		
		VMP-3-31.5-080211-Dup	8/2/2011	4.6			<0.028	U		0.017			<0.0028	U		0 041	J		49			28			1.4		
		VMP-3-31.5-110811	11/8/2011	0 37			<0.018	U		0.00079	J		<0.0018	U		0.02	J		2.1			77			20		
		VMP-3-31.5-012712	1/27/2012	5.9			<0.017	U		0 0026			<0.0017	U		<0 083	U		11			74			6.8		
		VMP-3-31.5-041912	4/19/2012	7.6			<0.019	U		0 0062			<0.0019	U		1.3			18			64			1.6		
		VMP-3-31.5-041912-Dup	4/19/2012	7.6			<0.018	U		0 0051			<0.0018	U		1.4			18			64			1.6		
		VMP-3-31.5-072312	7/23/2012	7.7			<0.018	U		0 0018			<0.0018	U		0 014	J		5 3			89			3		
		VMP-3-31.5-101912	10/19/2012	2.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.21			80			17		
		VMP-3-31.5-020713	2/7/2013	9.9			<0.13	U		0 0006	J		<0.0026	U		<0.13	U		2 9			85			1.5		
		VMP-3-31.5-060413	6/4/2013	9.2			<0.028	U		0.00032	J		<0.0028	U		<0.14	U		2 2			86			1.8		
		VMP-3-31.5-072913	7/29/2013	9.3			<0 03	U		0.00017	J		<0 003	U		<0.15	U		1.4			87			1.8		
		VMP-3-31.5-110613	11/6/2013	10			<0.025	U		<0.0025	U		<0.0025	U		0 015	J		0.1			86			3.7		
		VMP-3-31.5-022114	2/21/2014	7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00044			83			10		
		VMP-3-31.5-050214	5/2/2014	12			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00027			82			5.7		
		VMP-3-31.5-081214	8/12/2014	9.6			<0.027	U		<0.0027	U		<0.0027	U		0 013	J		0.0007			82			8.5		
		VMP-3-31.5-103114	10/31/2014	9.9			<0.026	U		<0.0026	U		<0.0026	U		0.43			0.00036			80			9.7		
		VMP-3-31.5-020915	2/9/2015	2.1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00012	J		79			19		
		VMP-3-31.5-110315	11/3/2015	3.6			<0.026	U		<0.0026	U		<0.0026	U		0 019	J		0.00043			78			18		
		VMP-3-31.5-020116	2/1/2016	4.3			<0.034	U		<0.0034	U		<0.0034	U		<0.17	U		0.00031	J		77			19		
		VMP-3-31.5-042716	4/27/2016	3.1			<0.026	U		<0.0026	U		<0.0026	U		0 031	J		0.00054			79			18		
		VMP-3-31.5-080116	8/1/2016	3			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.0015			80			17		
		VMP-3-31.5-102616	10/26/2016	3.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00076			78			18		
	39 ft	VMP-3-39	11/4/2009	5.6			<0.025	U		0.021			<0.0025	U		<0.12	U		45			33			0.79		
		VMP-3-39-101912	10/19/2012	8.1			<0.028	U		0.005			<0.0028	U		0 058	J		12			72			3.5		
		VMP-3-39-021213	2/12/2013	9.5			<0.13	U		0 0023	J		<0.0026	U		<0.13	U		6.7			80			1.5		
		VMP-3-39-060413	6/4/2013	7.5			<0.028	U		0.00029	J		<0.0028	U		1.5			1 8			84			5		
		VMP-3-39-072913	7/29/2013	8.8			<0.028	U		0.00018	J		<0.0028	U		<0.14	U		1 3			87			2.7		
		VMP-3-39-110613	11/6/2013	10			<0.025	U		0.006			<0.0025	U		<0.13	U		16			66			2.8		
		VMP-3-39-022114	2/21/2014	13			<0.024	U		0 0025			<0.0024	U		<0.12	U		7 8			74			1.3		
		VMP-3-39-050214	5/2/2014	13			<0.022	U		0.000085	J		<0.0022	U		<0.11	U		0.36			83			3.8		
		VMP-3-39-050214-Dup	5/2/2014	13			<0.023	U		0.000092	J		<0.0023	U		<0.12	U		0.36			83			3.4		
		VMP-3-39-081214	8/12/2014	11			<0.031	U		0.00013	J		<0.0031	U		<0.15	U		0.36			82			5.9		
		VMP-3-39-103114	10/31/2014	10			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0 066			81			8.9		
		VMP-3-39-020915	2/9/2015	5.9			<0.024	U		0.00023	J		<0.0024	U		<0.12	U		1			77			16		
		VMP-3-39-110315	11/3/2015	5.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0013			78			17		
		VMP-3-39-020116	2/1/2016	5.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0012			77			17		
		VMP-3-39-020116-DUP	2/1/2016	5.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0011			78			17		
VMP-4	5 ft	VMP-4-5	11/5/2009	0 69			<0.025	U		<0.0025	U		<0.0025	U		34			0 029			51			14		
		VMP-4-5-082510	8/25/2010	13			<0.029	U		0 0005	J		<0.0029	U		0 026	J		1.7			83			2.1		
		VMP-4-5-112210	11/22/2010	13			<0.027	U		0 0052			<0.0027	U		0 024	J		14			69			1.9		
		VMP-4-5-021411	2/14/2011	4.8			<0.025	U		0.00027	J		<0.0025	U		2.9			0.7			79			12		
		VMP-4-5-041911	4/19/2011	12			<0.026	U		0 0044			<0.0026	U		0 031	J		12			72			1.3		
		VMP-4-5-080311	8/3/2011	11			<0.031	U		<0.0031	U		<0.0031	U		0 012	J		0.01			80			8.4		
		VMP-4-5-110911	11/9/2011	0.056			<0.022	U		<0.0022	U		<0.0022	U		0 077	J		0.0002	J		78			22		
		VMP-4-5-013012	1/30/2012	9.5			<0.018	U		<0.0018	U		<0.0018	U		0 058	J		0.00071			88			1.9		
		VMP-4-5-042512	4/25/2012	1.5			<0.029	U		<0.0029	U		<0.0029	U		0 054	J		0 000042	J		80			18		
		VMP-4-5-072512	7/25/2012	2.1			<0.021	U		<0.0021	U		<0.0021	U		0.04	J		0.00022			80			18		
		VMP-4-5-101812	10/18/2012	0.74			<0.031	U		<0.0031	U		<0.0031	U		0.5			0.00012	J		79			20		
		VMP-4-5-020713	2/7/2013	0 24			<0.16	U		<0.0033	U		<0.0033	U		<0.16	U		0.00016	J		79			21		
		VMP-4-5-050913	5/9/2013	0 94			<0.031	U		<0.0031	U		<0.0031	U		0 078	J		0.00011	J		80			19		
		VMP-4-5-080113	8/1/2013	1.7			<0 03	U		<0.003	U		<0 003	U		0.5			0.00016	J		80			18		
		VMP-4-5-120313-R	12/3/2013	0 23			<0.029	U		<0.0029	U		<0.0029	U		0 052	J		0 000099	J		79			21		
		VMP-4-5-022714	2/27/2014	0.19			<0.022	U		<0.0022	U		<0.0022	U		0.4			0.00044			78			21		
		VMP-4-5-050214	5/2/2014	0.42			<0.025	U		<0.0025	U		<0.0025	U		0.0073	J		<0.00025	U		80			20		
		VMP-4-5-081514	8/15/2014	0 84			<0.029	U		<0.0029	U		<0.0029	U		1.4			0.00017	J		78			20		
		VMP-4-5-021015	2/10/2015	0.063			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00019	J		79			21		
		VMP-4-5-110215	11/2/2015	0.091			<0.028	U		<0.0028	U		<0.0028	U		0 032	J		<0.00028	U		79			21		
		VMP-4-5-020316	2/3/2016	0.062			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-4-5-050516	5/5/2016	0.2			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0.00066			80			20		
		VMP-4-5-080216	8/2/2016	0 57			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-4-5-102816	10/28/2016	0 24			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	12 ft	VMP-4-12	11/5/2009	9.6			<0.025	U		<0.0025	U		<0.0025	U		0.26			2 2			84			3.8		
		VMP-4-12-082510	8/25/2010	14			<0.025	U		0 0039			<0.0025	U		0 042	J		17			66			1.2		
		VMP-4-12-112310	11/23/2010	13			<0.026	U		0 0036			<0.0026	U		<0.13	U		12			72			1.3		
		VMP-4-12-021411	2/14/2011	9			<0.026	U		0 0016	J		<0.0026	U		0.35			4.7			80			5.3		
		VMP-4-12-041911	4/19/2011	11			<0.025	U		0 0046			<0.0025	U		0 035	J		13			72			1.5		
		VMP-4-12-080311	8/3/2011	15			<0.029	U		0 0018	J		<0.0029	U		1			6 9			75			1.6		
		VMP-4-12-080311-Dup	8/3/2011	15			<0.029	U		0 0018	J		<0.0029	U		1			6 9			75			1.7		
		VMP-4-12-110911	11/9/2011	8.5			<0.018	U		0.000082	J		<0.0018	U		4.8			0.38			79			7.2		
		VMP-4-12-013012	1/30/2012	11			<0.018	U		0.00016	J		<0.0018	U		0.11			0.47			86			1.7		
		VMP-4-12-041812	4/18/2012	1.7			<0.027	U		<0.0027	U		<0.0027	U		0 027	J		0.00042			73			25		
		VMP-4-12-072312	7/23/2012	2.7			<0.018	U		<0.0018	U		<0.0018	U		0.84			0.00029			78			18		
		VMP-4-12-101812	10/18/2012	0 98			<0 03	U		<0.003	U		<0 003	U		0.52			0.00014	J		78			20		
		VMP-4-12-101812-Dup	10/18/2012	1			<0.031	U		<0.0031	U		<0.0031	U		0.59			0.00014	J		78			20		
		VMP-4-12-020713	2/7/2013	0 61			<0.13	U		<0.0027	U		<0.0027	U		0 055	J		0.00036			79			20		
		VMP-4-12-020713-DUP	2/7/2013	0 61			<0.14	U		<0.0028	U		<0.0028	U		0 038	J		0.00034			79			20		
		VMP-4-12-050913	5/9/2013	0 91			<0 03	U		<0.003	U		<0 003	U		0 041	J		0.00019	J		79			20		
		VMP-4-12-080113	8/1/2013	2.1			<0 03	U		<0.003	U		<0 003	U		0.65			0.00015	J		79			18		
		VMP-4-12-120313-R	12/3/2013	0 39			<0.028	U		<0.0028	U		<0.0028	U		0.44			0.00022	J		78			21		
		VMP-4-12-022714	2/27/2014	0.19			<0.024	U		<0.0024	U		<0.0024	U		1.4			0.00022	J		77			21		
		VMP-4-12-050214	5/2/2014	0.44			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-4-12-081414	8/14/2014	0.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00024	J		79			20		
		VMP-4-12-021015	2/10/2015	0.064			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00014	J		79			21		
		VMP-4-12-051115	5/11/2015	0.3			<0.024	U		<0.0024	U		<0.0024	U		3.1			<0.00024	U		77			20		
		VMP-4-12-080315	8/3/2015	0 56			<0 03	U		<0.003	U		<0 003	U		1.9			0.00051			78			20		
		VMP-4-12-110215	11/2/2015	0.16			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			21		
		VMP-4-12-020316	2/3/2016	0.11			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-4-12-050316	5/3/2016	0.72			<0.028	U		<0.0028	U		<0.0028	U		0 014	J		<0.00028	U		79			20		
		VMP-4-12-080216	8/2/2016	2.1			<0.033	U		<0.0033	U		<0.0033	U		<0.16	U		<0.00033	U		80			18		
		VMP-4-12-102816	10/28/2016	1.1			<0.036	U		<0.0036	U		<0.0036	U		<0.18	U		<0.00036	U		77			22		
VMP-4	23.5 ft	VMP-4-23.5	11/5/2009	6.7			<0.023	U		0.021			<0.0023	U		<0.12	U		46			32			0.75		
		VMP - 4 - 23 5 - 083110	8/31/2010	6.1			<0.029	U		0.018			<0.0029	U		<0.14	J	U	43			38			0 81		
		VMP-4-23.5-112310	11/23/2010	6.7			<0.023	U		0.021			<0.0023	U		0.01	J		50			28			0.77		
		VMP-4-23.5-021411	2/14/2011	6.5			<0.021	U		0.021			<0.0021	U		0 022	J		51			28			0 91		
		VMP-4-23.5-042011	4/20/2011	6			<0.023	U		0.019			<0.0023	U		0.85		J	46			33			1.4		
		VMP-4-23.5-042011-DUP	4/20/2011	6			<0.023	U		0.02			<0.0023	U		0.06	J	J	49			31			1.2		
		VMP-4-23.5-080611	8/6/2011	5.9			<0.028	U		0.02			<0.0028	U		0.01	J		45			35			1		
		VMP-4-23.5-110911	11/9/2011	5.6			<0.017	U		0 0097			<0.0017	U		0 043	J		19			64			4.8		
		VMP-4-23.5-013012	1/30/2012	8.4			<0.018	U		0 0047			<0.0018	U		0.01	J		9 2			75			1.4		
		VMP-4-23.5-013012-DUP	1/30/2012	8.5			<0.018	U		0 0047			<0.0018	U		<0 088	U		9 2			75			1.5		
		VMP-4-23.5-041912	4/19/2012	12			<0 02	U		0.00015	J		<0 002	U		0 015	J		1 2			83			2.2		
		VMP-4-23.5-072312	7/23/2012	10			<0.019	U		0.000067	J		0.00022	J		0.01	J		0.47			84			4.6		
		VMP-4-23.5-101812	10/18/2012	7.5			<0.029	U		<0.0029	U		0.00006	J		0 031	J		0.32			78			14		
		VMP-4-23.5-020713	2/7/2013	6.2			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0.06			80			14		
		VMP-4-23.5-051513	5/15/2013	6.2			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		0.18			78			15		
		VMP-4-23.5-080113	8/1/2013	5			<0.029	U		<0.0029	U		<0.0029	U		0 078	J		0 096			79			16		
		VMP-4-23.5-080113-Dup	8/1/2013	5			<0.029	U		<0.0029	U		<0.0029	U		0.12	J		0 097			78			16		
		VMP-4-23.5-110713	11/7/2013	3.6			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.15			78			18		
		VMP-4-23.5-022714	2/27/2014	2.7			<0.023	U		<0.0023	U		<0.0023	U		0.01	J		0.12			78			19		
		VMP-4-23.5-050214	5/2/2014	2.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.03			78			19		
		VMP-4-23.5-081314	8/13/2014	2.4			<0.028	U		<0.0028	U		<0.0028	U		0.01	J		0.0036			78			19		
		VMP-4-23.5-090414-R	9/4/2014	2.4			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0 018			80			18		
		VMP-4-23.5-110714	11/7/2014	2.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0074			79			18		
		VMP-4-23.5-021015	2/10/2015	2.5			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0.0033			79			18		
		VMP-4-23.5-050815	5/8/2015	1.6			<0.028	U		<0.0028	U		<0.0028	U		0 018	J		0 002			79			19		
		VMP-4-23.5-061515-R	6/15/2015	1.9		J	<0 03	U		<0.003	U		<0 003	U		0 015	J	J	0.0013		J	80		J	18		J
		VMP-4-23.5-073015	7/30/2015	1.7			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00085			79			19		
		VMP-4-23.5-110215	11/2/2015	1.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00044			78			21		
		VMP-4-23.5-020316	2/3/2016	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00036			78			20		
		VMP-4-23.5-020316-DUP	2/3/2016	1.3			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00039			79			20		
		VMP-4-23.5-050316	5/3/2016	0.75			<0.029	U		<0.0029	U		<0.0029	U		0.01	J		0.00066			79			20		
		VMP-4-23.5-080216	8/2/2016	1.7			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.0064			81			17		
		VMP-4-23.5-080216-DUP	8/2/2016	1.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0064			80			18		
		VMP-4-23.5-092316-DUP-R	9/23/2016	2		J	<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.0023		J	79		J	19		J
		VMP-4-23.5-092316-R	9/23/2016	2		J	<0.032	U		<0.0032	U		<0.0032	U		0.01	J	J	0.0023		J	79		J	19		J
		VMP-4-23.5-102816	10/28/2016	1.6			<0.028	U		<0.0028	U		<0.0028	U		0.0064	J		0.0026			79			19		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-4	39 ft	VMP-4-39	11/5/2009	6.6			<0.024	U		0.02			<0.0024	U		<0.12	U		44			34			1.1		
		VMP-4-39-042111	4/21/2011	6.1			<0.025	U		0.021			<0.0025	U		0 018	J		51			29			0.9		
		VMP-4-39-041912	4/19/2012	12			<0 02	U		0 0004	J		<0 002	U		0 018	J		2.1			81			2		
		VMP-4-39-072312	7/23/2012	12			<0.019	U		0.00023	J		0.00029	J		<0 096	U		1.1			83			2.5		
		VMP-4-39-101812	10/18/2012	8.8			<0 03	U		0 0005	J		0.000087	J		0 048			3.1			75			13		
		VMP-4-39-101812-Dup	10/18/2012	8.7			<0.028	U		0.00049	J		0.000089	J		0 012	J		3.1			75			13		
		VMP-4-39-020713	2/7/2013	9.1			<0.13	U		0.00024	J		0.00012	J		0 072	J		1 6			76			12		
		VMP-4-39-051513	5/15/2013	5			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.85			77			17		
		VMP-4-39-110713	11/7/2013	3.3			<0.027	U		0.00018	J		<0.0027	U		<0.13	U		1 5			77			18		
		VMP-4-39-022714	2/27/2014	3.3			<0.024	U		0.000099	J		<0.0024	U		0 012	J		0.91			77			18		
		VMP-4-39-050214	5/2/2014	3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0 6			77			18		
		VMP-4-39-081314	8/13/2014	1.9			<0.026	U		<0.0026	U		<0.0026	U		0 014	J		0.24			79			19		
VMP-5	5 ft	VMP-5-5	11/5/2009	14			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		2 8			81			1.3		
		VMP-5-5-090910	9/9/2010	12			<0.026	U		0 0036			<0.0026	U		1.6			3 9			78			2.4		
		VMP-5-5-112210	11/22/2010	13			<0.026	U		0 0046			<0.0026	U		0.01	J		7			76			1.6		
		VMP-5-5-021611	2/16/2011	8			<0.025	U		<0.0025	U		<0.0025	U		0.47			0 064			76			15		
		VMP-5-5-042111	4/21/2011	2			<0.026	U		<0.0026	U		<0.0026	U		0.1	J		<0.00026	U		78			20		
		VMP-5-5-080511	8/5/2011	7.9			<0.025	U		<0.0025	U		<0.0025	U		0.2			0.0013			81			11		
		VMP-5-5-111111	11/11/2011	14			<0.019	U		<0.0019	U		<0.0019	U		0 019	J		0.0003			81			5.3		
		VMP-5-5-013012	1/30/2012	7.7			<0.019	U		<0.0019	U		<0.0019	U		<0 094	U		0 000052	J		80			12		
		VMP-5-5-041112	4/11/2012	0 36			<0.024	U		<0.0024	U		<0.0024	U		1.4			0 000086	J		77			21		
		VMP-5-5-071312	7/13/2012	0 53			<0.027	U		<0.0027	U		<0.0027	U		0.99			0.00012	J		78			20		
		VMP-5-5-101212	10/12/2012	0.1			<0.025	U		<0.0025	U		<0.0025	U		1.5			0.00011	J		78			20		
		VMP-5-5-012513	1/25/2013	0.13			<0.13	U		<0.0026	U		<0.0026	U		0 084	J		0 000058	J		79			21		
		VMP-5-5-042913	4/29/2013	0.1			<0.028	U		<0.0028	U		<0.0028	U		0 094	J		<0.00028	U		79			21		
		VMP-5-5-082313-R	8/23/2013	0.44			<0.031	U		<0.0031	U		<0.0031	U		0.19			<0.00031	U		79			20		
		VMP-5-5-110513	11/5/2013	0.16			<0.024	U		<0.0024	U		<0.0024	U		0 093	J		0 000097	J		79			21		
		VMP-5-5-021814	2/18/2014	0 09			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00031			78			22		
		VMP-5-5-042814	4/28/2014	0 33			<0.027	U		<0.0027	U		<0.0027	U		0 033	J		<0.00027	U		79			21		
		VMP-5-5-080814	8/8/2014	0 37			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00017	J		80			20		
		VMP-5-5-110514	11/5/2014	0.17			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00022	J		80			20		
		VMP-5-5-013015	1/30/2015	0.11			<0.026	U		<0.0026	U		<0.0026	U		0.02	J		0.00014	J		80			20		
		VMP-5-5-042915	4/29/2015	0.061			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00019	J		79			21		
		VMP-5-5-072915	7/29/2015	0 38			<0.035	U		<0.0035	U		<0.0035	U		0.02	J		<0.00035	U		80			20		
		VMP-5-5-102915	10/29/2015	0.14			<0.027	U		<0.0027	U		<0.0027	U		0.27			<0.00027	U		78			21		
		VMP-5-5-012516	1/25/2016	0.056			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00017	J		79			21		
		VMP-5-5-042816	4/28/2016	0.073			<0.028	U		<0.0028	U		<0.0028	U		<0.14	J	U	0.00012	J		80			20		
		VMP-5-5-072816	7/28/2016	0.19			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00011	J		80			20		
		VMP-5-5-102516	10/25/2016	0.075			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		79			21		
	12.5 ft	VMP-5-12.5	11/6/2009	13			<0.026	U		0.004			<0.0026	U		<0.13	U		6 3			78			1.3		
		VMP-5-12.5-D	11/6/2009	13			<0.023	U		0.004			<0.0023	U		<0.12	U		6 3			77			1.6		
		VMP-5-12.5-090910	9/9/2010	14			<0.026	U		0 0032			<0.0026	U		0 039	J		3.7			79			1.3		
		VMP-5-12.5-112310	11/23/2010	12			<0.026	U		<0.0026	U		<0.0026	U		0 026	J		0 025			83			5.2		
		VMP-5-12.5-021611	2/16/2011	13			<0.024	U		0.00031	J		<0.0024	U		0.04	J		0.68			83			2.9		
		VMP-5-12.5-042111	4/21/2011	6.9			<0.028	U		<0.0028	U		<0.0028	U		0 089	J		0.00015	J		80			13		
		VMP-5-12.5-080611	8/6/2011	12			<0.025	U		0 0034			<0.0025	U		0 013	J		6 6			76			3.7		
		VMP-5-12.5-111111	11/11/2011	14			<0.018	U		<0.0018	U		<0.0018	U		0 014	J		<0.00018	U		81			5.1		
		VMP-5-12.5-013012	1/30/2012	8.2			<0 02	U		<0.002	U		<0 002	U		0 016	J		0 000036	J		80			12		
		VMP-5-12.5-041112	4/11/2012	0 64			<0.022	U		<0.0022	U		<0.0022	U		0.16			<0.00022	U		79			20		
		VMP-5-12.5-071212	7/12/2012	0.76			<0.021	U		<0.0021	U		<0.0021	U		4.6			0 000079	J		76			19		
		VMP-5-12.5-101112	10/11/2012	0.16			<0.064	U		<0.0064	U		<0.0064	U		0.5			0 000089	J		77			22		
		VMP-5-12.5-012413	1/24/2013	0.16			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0 000037	J		79			21		
		VMP-5-12.5-042913	4/29/2013	0.14			<0.029	U		<0.0029	U		<0.0029	U		0.27			<0.00029	U		78			21		
		VMP-5-12.5-080113	8/1/2013	0.48			<0.031	U		<0.0031	U		<0.0031	U		0.52			0.00016	J		79			20		
		VMP-5-12.5-110513	11/5/2013	0.18			<0.026	U		<0.0026	U		<0.0026	U		0.24			0 000085	J		78			21		
		VMP-5-12.5-021814	2/18/2014	0.086			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00021	J		78			22		
		VMP-5-12.5-042814	4/28/2014	0 36			<0.026	U		<0.0026	U		<0.0026	U		0 075	J		<0.00026	U		79			21		
		VMP-5-12.5-080814	8/8/2014	0 37			<0.026	U		<0.0026	U		<0.0026	U		0 012	J		0.00015	J		80			20		
		VMP-5-12.5-110514	11/5/2014	0.18			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		79			21		
		VMP-5-12.5-110514-DUP	11/5/2014	0.18			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00013	J		79			21		
		VMP-5-12.5-013015	1/30/2015	0.12			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0 000083	J		79			21		
		VMP-5-12.5-042915	4/29/2015	0.14			<0.028	U		<0.0028	U		<0.0028	U		0.32			<0.00028	U		78			21		
		VMP-5-12.5-072915	7/29/2015	0 31			<0.032	U		<0.0032	U		<0.0032	U		0.14	J		<0.00032	U		80			20		
		VMP-5-12.5-102915	10/29/2015	0.14			<0.029	U		<0.0029	U		<0.0029	U		0.31			<0.00029	U		78			21		
		VMP-5-12.5-012516	1/25/2016	0.072			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-5-12.5-042816	4/28/2016	0.11			<0.027	U		<0.0027	U		<0.0027	U		<0.14	J	U	0 000096	J		80			20		
		VMP-5-12.5-072816	7/28/2016	0.5			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			20		
		VMP-5-12.5-102516	10/25/2016	0 34			<0.025	U		<0.0025	U		<0.0025	U		0 019	J		<0.00025	U		79			21		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-5	31 ft	VMP-5-31	11/6/2009	10			<0.024	U		0.014			<0.0024	U		<0.12	U		24			58			1		
		VMP-5-31-090910	9/9/2010	9			<0.022	U		0.015			<0.0022	U		<0.11	J	U	26			55			1.5		
		VMP-5-31-112310	11/23/2010	9.2			<0.024	U		0.012			<0.0024	U		0 012	J		28			53			1.2		
		VMP-5-31-021611	2/16/2011	9.2			<0.028	U		0.015			<0.0028	U		0 022	J		24			58			1.3		
		VMP-5-31-042111	4/21/2011	9			<0.026	U		0.012			<0.0026	U		0 015	J		22			60			1.6		
		VMP-5-31-080611	8/6/2011	9.2			<0.028	U		0.013			<0.0028	U		0.01	J		24			58			1.2		
		VMP-5-31-111111	11/11/2011	10			<0.018	U		0 0073			<0.0018	U		0.39			13			71			1.4		
		VMP-5-31-013012	1/30/2012	10			<0.018	U		0 0034			<0.0018	U		<0.09	U		6			80			1.8		
		VMP-5-31-041112	4/11/2012	12			<0.019	U		<0.0019	U		<0.0019	U		0 096			0.02			86			1.7		
		VMP-5-31-071212	7/12/2012	7			<0 02	U		<0.002	U		<0 002	U		0 062	J		0.00087			79			14		
		VMP-5-31-101112	10/11/2012	4			<0.028	U		<0.0028	U		<0.0028	U		0 068			0.00027	J		80			16		
		VMP-5-31-012413	1/24/2013	3.6			<0.13	U		<0.0025	U		<0.0025	U		<0.13	U		0.00051			78			18		
		VMP-5-31-042913	4/29/2013	1.8			<0.029	U		<0.0029	U		<0.0029	U		0 034	J		0.00016	J		79			19		
		VMP-5-31-080113	8/1/2013	4.1			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00026	J		79			17		
		VMP-5-31-110513	11/5/2013	1.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
		VMP-5-31-110513-Dup	11/5/2013	1.8			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			19		
		VMP-5-31-021814	2/18/2014	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-5-31-042814	4/28/2014	0.78			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00022	J		79			20		
		VMP-5-31-080814	8/8/2014	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-5-31-110514	11/5/2014	0 69			<0.026	U		<0.0026	U		<0.0026	U		0.38			<0.00026	U		79			20		
		VMP-5-31-013015	1/30/2015	0 55			<0 03	U		<0.003	U		<0 003	U		0 029	J		0 000064	J		79			20		
		VMP-5-31-042915	4/29/2015	0.5			<0.028	U		<0.0028	U		<0.0028	U		0.47			<0.00028	U		79			20		
		VMP-5-31-072915	7/29/2015	0 88			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
		VMP-5-31-102915	10/29/2015	0.47			<0.026	U		<0.0026	U		<0.0026	U		0 016	J		<0.00026	U		78			21		
		VMP-5-31-030916-R	3/9/2016	0 35			<0.025	U		<0.0025	U		<0.0025	U		0.0071	J		<0.00025	U		79			21		
		VMP-5-31-042816	4/28/2016	0 37			<0 03	U		<0.003	U		<0 003	U		<0.15	J	U	<0 0003	U		80			20		
		VMP-5-31-072816	7/28/2016	0.79			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-5-31-102516	10/25/2016	1.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
	40 ft	VMP-5-40	11/6/2009	9.2			<0.033	U		0.012			<0.0033	U		<0.16	U		22			60			2.7		
		VMP-5-40-042111	4/21/2011	8.3			<0.028	U		0.011			<0.0028	U		1.4			19			62			2.6		
		VMP-5-40-013012	1/30/2012	11			<0.019	U		0 0034			<0.0019	U		0.81			6.1			79			1.6		
		VMP-5-40-041212	4/12/2012	11			<0.019	U		<0.0019	U		<0.0019	U		0.77			0 033			84			4.6		
		VMP-5-40-071212	7/12/2012	6.3			<0 02	U		<0.002	U		<0 002	U		0 097	J		0.0096			78			16		
		VMP-5-40-101112	10/11/2012	3.5			<0 03	U		<0.003	U		<0 003	U		0 046			0.0034			79			17		
		VMP-5-40-012513	1/25/2013	3.6			<0.13	U		<0.0026	U		<0.0026	U		0.19			0.0018			78			18		
		VMP-5-40-012513-Dup	1/25/2013	3.7			<0.13	U		<0.0025	U		<0.0025	U		0 079	J		0.0018			78			18		
		VMP-5-40-042913	4/29/2013	2.4			<0.038	U		<0.0038	U		<0.0038	U		<0.19	U		0.00065			78			20		
		VMP-5-40-080113	8/1/2013	3.4			<0.031	U		<0.0031	U		<0.0031	U		0 028	J		0.0015			80			17		
		VMP-5-40-110513	11/5/2013	2.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 001			79			19		
		VMP-5-40-021814	2/18/2014	1.5			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00016	J		78			20		
		VMP-5-40-021814-Dup	2/18/2014	1.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00015	J		78			20		
		VMP-5-40-042814	4/28/2014	1.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0001	J		80			19		
		VMP-5-40-042814-Dup	4/28/2014	1.5			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00013	J		80			19		
		VMP-5-40-080814	8/8/2014	1.9			<0.025	U		<0.0025	U		<0.0025	U		0.12			<0.00025	U		79			19		
		VMP-5-40-080814-DUP	8/8/2014	2			<0.027	U		<0.0027	U		<0.0027	U		0.0098	J		<0.00027	U		79			19		
		VMP-5-40-110514	11/5/2014	1.9			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-5-40-013015	1/30/2015	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00007	J		80			19		
		VMP-5-40-042915	4/29/2015	1.2			<0.028	U		<0.0028	U		<0.0028	U		0 022	J		<0.00028	U		79			20		
		VMP-5-40-072915	7/29/2015	1.6			<0.028	U		<0.0028	U		<0.0028	U		0 024	J		<0.00028	U		79			19		
		VMP-5-40-102915	10/29/2015	1.4			<0.034	U		<0.0034	U		<0.0034	U		0.03	J		<0.00034	U		76			23		
		VMP-5-40-012516	1/25/2016	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-5-40-012516-DUP	1/25/2016	1.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-5-40-042816	4/28/2016	0 84			<0.029	U		<0.0029	U		<0.0029	U		<0.14	J	U	0.00011	J		80			19		
		VMP-5-40-072816	7/28/2016	1.2			<0.026	U		<0.0026	U		<0.0026	U		0 012	J		0.00018	J		80			19		
		VMP-5-40-102516	10/25/2016	1.8			<0.025	U		<0.0025	U		<0.0025	U		0 008	J		<0.00025	U		79			19		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	5 ft	VMP-6-5	11/6/2009	13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		3.7			79			3.3		
		VMP-6-5-090810	9/8/2010	15			<0.026	U		0.00049	J		<0.0026	U		<0.13	J	U	1.4			82			1.4		
		VMP-6-5-111610	11/16/2010	14			<0.028	U		0 0012	J		<0.0028	U		0 074	J		2.7			81			1.5		
		VMP-6-5-020711	2/7/2011	1.7			<0.024	U		<0.0024	U		<0.0024	U		0.42			0 000049	J		79			19		
		VMP-6-5-040811	4/8/2011	2			<0.026	U		<0.0026	U		<0.0026	U		0.44			0.0011			78			19		
		VMP-6-5-080411	8/4/2011	3.4			<0.027	U		<0.0027	U		<0.0027	U		0.59			<0.00027	U		80			16		
		VMP-6-5-110911	11/9/2011	1.8			<0.016	U		<0.0016	U		<0.0016	U		0.55			<0.00016	U		78			20		
		VMP-6-5-013112	1/31/2012	9.4			<0.017	U		<0.0017	U		<0.0017	U		0.02	J		0.00097			78			12		
		VMP-6-5-041212	4/12/2012	0.18			<0 02	U		<0.002	U		<0 002	U		0.17			0 000025	J		79			21		
		VMP-6-5-071612	7/16/2012	0 31			<0.027	U		<0.0027	U		<0.0027	U		0.12	J		0.0001	J		80			20		
		VMP-6-5-101012	10/10/2012	0.096			<0.028	U		<0.0028	U		<0.0028	U		1.6			0.00011	J		78			20		
		VMP-6-5-021213	2/12/2013	0.086			<0.12	U		<0.0025	U		<0.0025	U		<0.12	U		0.00012	J		79			21		
		VMP-6-5-022714	2/27/2014	0.11			<0.027	U		<0.0027	U		<0.0027	U		0 055	J		0.00029			78			22		
		VMP-6-5-042914	4/29/2014	0 89			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00023	J		79			20		
		VMP-6-5-080814	8/8/2014	1.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		81			18		
		VMP-6-5-110514	11/5/2014	0 82			<0.026	U		<0.0026	U		<0.0026	U		0.0095	J		<0.00026	U		79			20		
		VMP-6-5-020915	2/9/2015	0.16			<0.024	U		<0.0024	U		<0.0024	U		0 014	J		0.00018	J		80			20		
		VMP-6-5-042915	4/29/2015	0.16			<0.026	U		<0.0026	U		<0.0026	U		0 022	J		<0.00026	U		79			21		
		VMP-6-5-072715	7/27/2015	0 85			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-6-5-102915	10/29/2015	0.12			<0.025	U		<0.0025	U		<0.0025	U		0 017	J		0.00015	J		79			21		
		VMP-6-5-020116	2/1/2016	0.055			<0.029	U		<0.0029	U		<0.0029	U		0 012	J		0.00018	J		78			22		
		VMP-6-5-042516	4/25/2016	0.14			<0 03	U		<0.003	U		<0 003	U		0 021	J		<0 0003	U		80			20		
		VMP-6-5-072816	7/28/2016	0 37			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00014	J		80			20		
		VMP-6-5-102816	10/28/2016	1.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
	10 ft	VMP-6-10	11/6/2009	14			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		4 2			78			2.7		
		VMP-6-10-090810	9/8/2010	15			<0.024	U		0 0012	J		<0.0024	U		<0.12	J	U	3 6			80			1.3		
		VMP-6-10-111710	11/17/2010	9.8			<0.026	U		<0.0026	U		<0.0026	U		0 092	J		<0.00026	U		82			8.5		
		VMP-6-10-020711	2/7/2011	8.5			<0.025	U		<0.0025	U		<0.0025	U		0.67			<0.00025	U		82			9.2		
		VMP-6-10-040811	4/8/2011	11			<0 03	U		<0.003	U		<0 003	U		0.04	J		0.00028	J		84			5		
		VMP-6-10-080411	8/4/2011	15			<0.026	U		0 0011	J		<0.0026	U		0.05	J		3 2			80			1.9		
		VMP-6-10-111011	11/10/2011	9.5			<0.017	U		<0.0017	U		<0.0017	U		0 068	J		<0.00017	U		81			9.2		
		VMP-6-10-013112	1/31/2012	15			<0.018	U		0.00027	J		<0.0018	U		<0.09	U		0.73			82			1.6		
		VMP-6-10-041212	4/12/2012	2			<0 02	U		<0.002	U		<0 002	U		0 078	J		<0 0002	U		79			19		
		VMP-6-10-071612	7/16/2012	1.8			<0.035	U		<0.0035	U		<0.0035	U		0 079	J		<0.00035	U		78			20		
		VMP-6-10-101112	10/11/2012	0 54			<0.029	U		<0.0029	U		<0.0029	U		0 078			0 000052	J		79			20		
		VMP-6-10-020513	2/5/2013	0 34			<0.14	U		<0.0028	U		<0.0028	U		1.7			0 000023	J		78			20		
		VMP-6-10-051513	5/15/2013	0.49			<0.028	U		<0.0028	U		<0.0028	U		0 024	J		0 000078	J		78			21		
		VMP-6-10-080813	8/8/2013	1.1			<0.028	U		<0.0028	U		<0.0028	U		0 068	J		<0.00028	U		80			19		
		VMP-6-10-110513	11/5/2013	0 35			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-6-10-022714	2/27/2014	0.13			<0.023	U		<0.0023	U		<0.0023	U		0 066	J		<0.00023	U		79			21		
		VMP-6-10-042914	4/29/2014	0 58			<0.025	U		<0.0025	U		<0.0025	U		0 041	J		<0.00025	U		79			20		
		VMP-6-10-080814	8/8/2014	2.6			<0.026	U		<0.0026	U		<0.0026	U		0 026	J		<0.00026	U		79			18		
		VMP-6-10-110514	11/5/2014	1.2			<0.025	U		<0.0025	U		<0.0025	U		1			<0.00025	U		79			19		
		VMP-6-10-020915	2/9/2015	0 36			<0.024	U		<0.0024	U		<0.0024	U		0.3			0 000046	J		79			20		
		VMP-6-10-042915	4/29/2015	0 67			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-6-10-072715	7/27/2015	2.2			<0.029	U		<0.0029	U		<0.0029	U		0 016	J		<0.00029	U		80			18		
		VMP-6-10-102915	10/29/2015	1.2			<0.025	U		<0.0025	U		<0.0025	U		0.43			<0.00025	U		78			20		
		VMP-6-10-020116	2/1/2016	0 27			<0.029	U		<0.0029	U		<0.0029	U		0 024	J		<0.00029	U		79			21		
		VMP-6-10-042516	4/25/2016	0 57			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
		VMP-6-10-072816	7/28/2016	2.3			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			18		
		VMP-6-10-102816	10/28/2016	1.9			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		

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CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-6	31.5 ft	VMP-6-31.5	11/9/2009	14			<0.022	U		0.003			<0.0022	U		<0.11	U		7.7			75			1.4		
		VMP-6-31.5-090810	9/8/2010	14			<0.026	U		0 0032			<0.0026	U		<0.13	U		8 6			74			1.2		
		VMP-6-31.5-111710	11/17/2010	13			<0.025	U		0.003			<0.0025	U		0 012	J		7 5			76			1.4		
		VMP-6-31.5-020711	2/7/2011	13			<0.024	U		0 0023	J		<0.0024	U		0.01	J		5 9			78			1.5		
		VMP-6-31.5-041111	4/11/2011	13			<0.028	U		0 0021	J		<0.0028	U		0.08	J		5 2			80			1.5		
		VMP-6-31.5-080411	8/4/2011	12			<0.028	U		0 0024	J		<0.0028	U		0 015	J		6 2			78			2.6		
		VMP-6-31.5-111011	11/10/2011	14			<0.017	U		0 0023			<0.0017	U		0.0076	J		5.7			78			1.4		
		VMP-6-31.5-013112	1/31/2012	14			<0.017	U		0 0018			<0.0017	U		<0 086	U		4.4			79			1.8		
		VMP-6-31.5-041212	4/12/2012	10			<0.018	U		<0.0018	U		<0.0018	U		0 073	J		0 089			85			4.7		
		VMP-6-31.5-071612	7/16/2012	7.5			<0.024	U		<0.0024	U		<0.0024	U		0 069	J		0.0035			84			8.8		
		VMP-6-31.5-101112	10/11/2012	5.5			<0.028	U		<0.0028	U		<0.0028	U		0 034			0.0024			82			12		
		VMP-6-31.5-020513	2/5/2013	7.5			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0.0028			82			10		
		VMP-6-31.5-042913	4/29/2013	6.1			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00045			79			15		
		VMP-6-31.5-080813	8/8/2013	3.4			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00033			80			17		
		VMP-6-31.5-110513	11/5/2013	2.4			<0.024	U		<0.0024	U		<0.0024	U		0 042	J		0.0001	J		79			19		
		VMP-6-31.5-022714	2/27/2014	3.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00036			78			18		
		VMP-6-31.5-042914	4/29/2014	3.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00041			81			15		
		VMP-6-31.5-080814	8/8/2014	5.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			15		
		VMP-6-31.5-110514	11/5/2014	4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			17		
		VMP-6-31.5-020915	2/9/2015	3.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00046			80			17		
		VMP-6-31.5-042915	4/29/2015	3.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			16		
		VMP-6-31.5-042915-DUP	4/29/2015	3.5			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		80			16		
		VMP-6-31.5-072715	7/27/2015	3.4			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			17		
		VMP-6-31.5-112515	11/25/2015	2			<0.024	U		<0.0024	U		<0.0024	U		0.36			0.00015	J		79			19		
		VMP-6-31.5-020116	2/1/2016	2.3			<0.027	U		<0.0027	U		<0.0027	U		0 012	J		<0.00027	U		78			20		
		VMP-6-31.5-042516	4/25/2016	2.6			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		78			19		
		VMP-6-31.5-072816	7/28/2016	2.9			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		0.00036			79			18		
		VMP-6-31.5-102816	10/28/2016	0 96			<0.042	U		<0.0042	U		<0.0042	U		<0.21	U		<0.00042	U		79			20		
	39 ft	VMP-6-39	11/9/2009	15			<0.023	U		0 0033			<0.0023	U		<0.11	U		8 3			73			1.3		
		VMP-6-39-041111	4/11/2011	12			<0.027	U		0 0022	J		<0.0027	U		0 083	J		5 2			77			3.9		
		VMP-6-39-013112	1/31/2012	14			<0.017	U		0 0023			<0.0017	U		<0 086	U		5.1			78			1.4		
		VMP-6-39-041212	4/12/2012	12			<0 02	U		0.000059	J		<0 002	U		0.13			0.15			86			1.6		
		VMP-6-39-071612	7/16/2012	10			<0.026	U		<0.0026	U		<0.0026	U		0 053	J		0.0073			84			5.6		
		VMP-6-39-071612-Dup	7/16/2012	10			<0.027	U		<0.0027	U		<0.0027	U		0 079	J		0.0074			84			5.6		
		VMP-6-39-101112	10/11/2012	9.4			<0.035	U		<0.0035	U		<0.0035	U		0.12			0.0034			84			6.3		
		VMP-6-39-020513	2/5/2013	12			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0.00036			82			5.4		
		VMP-6-39-050913	5/9/2013	7.6			<0.027	U		<0.0027	U		<0.0027	U		0 035	J		0 051		J	79			13		
		VMP-6-39-050913-Dup	5/9/2013	8.3			<0.029	U		<0.0029	U		<0.0029	U		0.03	J		0.0013		J	80			12		
		VMP-6-39-080813-Dup	8/8/2013	4.6			<0.028	U		<0.0028	U		<0.0028	U		0 046	J		<0.00028	U		79			16		
		VMP-6-39-081513	8/15/2013	4.2			<0 03	U		<0.003	U		<0 003	U		0 042	J		0.0012			80			16		
		VMP-6-39-110513	11/5/2013	4.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000066	J		78			17		
		VMP-6-39-022714	2/27/2014	6.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00013	J		80			14		
		VMP-6-39-042914	4/29/2014	5.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		82			12		
		VMP-6-39-080814	8/8/2014	6.6			<0.027	U		<0.0027	U		<0.0027	U		0.0098	J		<0.00027	U		80			13		
		VMP-6-39-110514	11/5/2014	5.5			<0.026	U		<0.0026	U		<0.0026	U		0.3			<0.00026	U		79			15		
		VMP-6-39-020915	2/9/2015	5.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00009	J		79			16		
		VMP-6-39-020915-DUP	2/9/2015	4.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0 000096	J		79			16		
		VMP-6-39-042915	4/29/2015	5.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			13		
		VMP-6-39-072715	7/27/2015	5			<0.027	U		<0.0027	U		<0.0027	U		0 053	J		<0.00027	U		80			15		
		VMP-6-39-072715-DUP	7/27/2015	4.9			<0.028	U		<0.0028	U		<0.0028	U		0.09	J		<0.00028	U		80			15		
		VMP-6-39-102915	10/29/2015	4.6			<0.026	U		<0.0026	U		<0.0026	U		0 084	J		0 032			79			16		
		VMP-6-39-102915-DUP	10/29/2015	4.8			<0.026	U		<0.0026	U		<0.0026	U		0 017	J		0 033			79			16		
		VMP-6-39-020116	2/1/2016	4.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			18		
		VMP-6-39-020116-DUP	2/1/2016	4.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			18		
		VMP-6-39-042516	4/25/2016	3.5			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		78			18		
		VMP-6-39-072816	7/28/2016	3.5			<0.033	U		<0.0033	U		<0.0033	U		0 013	J		0.00013	J		78			18		
		VMP-6-39-102816	10/28/2016	3.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			17		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	5 ft	VMP-7-5	11/9/2009	1.7			<0.023	U		<0.0023	U		<0.0023	U		2.7			<0.00023	U		78			18		
		VMP-7-5-082610	8/26/2010	2.7			<0.026	U		<0.0026	U		<0.0026	U		1.9			0.0002	J		79			16		
		VMP-7-5-111910	11/19/2010	14			<0.024	U		<0.0024	U		<0.0024	U		0.76			0.0052			80			5.1		
		VMP-7-5-020711	2/7/2011	2.6			<0.026	U		<0.0026	U		<0.0026	U		0 082	J		0 000048	J		80			17		
		VMP-7-5-040711	4/7/2011	5.3			<0.027	U		<0.0027	U		<0.0027	U		0 025	J		<0.00027	U		80			15		
		VMP-7-5-080211	8/2/2011	16			<0.029	U		0.00035	J		<0.0029	U		0 014	J		2 3			80			1.5		
		VMP-7-5-111011	11/10/2011	13			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		80			6.8		
		VMP-7-5-111011-DUP	11/10/2011	12			<0.016	U		<0.0016	U		<0.0016	U		0 012	J		0 000022	J		80			7.9		
		VMP-7-5-013112	1/31/2012	11			<0.018	U		<0.0018	U		<0.0018	U		<0 088	U		0 000017	J		82			7.2		
		VMP-7-5-041212	4/12/2012	0 59			<0.019	U		<0.0019	U		<0.0019	U		0.15			0.00002	J		78			21		
		VMP-7-5-073112	7/31/2012	0.14			<0 02	U		<0.002	U		<0 002	U		0.59			0.00022			78			21		
		VMP-7-5-101012	10/10/2012	0 23			<0 03	U		<0.003	U		<0 003	U		0 032			0.00011	J		80			20		
		VMP-7-5-060613	6/6/2013	0 22			<0.029	U		<0.0029	U		<0.0029	U		0.03	J		0.00022	J		79			21		
		VMP-7-5-073013	7/30/2013	0.4			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00019	J		80			20		
		VMP-7-5-102213	10/22/2013	0 25			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			21		
		VMP-7-5-022414	2/24/2014	0.11			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-7-5-043014	4/30/2014	0.47			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			21		
		VMP-7-5-080514	8/5/2014	1.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-7-5-102714	10/27/2014	0 57			<0.026	U		<0.0026	U		<0.0026	U		0.53			<0.00026	U		79			20		
		VMP-7-5-020215	2/2/2015	0.13			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0 000078	J		80			20		
		VMP-7-5-043015	4/30/2015	0 38			<0 03	U		<0.003	U		<0 003	U		0 015	J		<0 0003	U		79			21		
		VMP-7-5-072715	7/27/2015	0 85			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-7-5-102815	10/28/2015	0.048			<0.024	U		<0.0024	U		<0.0024	U		0.01	J		0.00022	J		79			21		
		VMP-7-5-012716	1/27/2016	0.082			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-7-5-042916	4/29/2016	0 35			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-7-5-072616	7/26/2016	1.2			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		80			19		
		VMP-7-5-102516	10/25/2016	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	13.5 ft	VMP-7-13.5	11/9/2009	16			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.1			82			2.1		
		VMP-7-13.5-082610	8/26/2010	16			<0.029	U		0.000083	J		<0.0029	U		0 041	J		0.57			82			1.5		
		VMP-7-13.5-111910	11/19/2010	16			<0.024	U		0.00025	J		<0.0024	U		0 014	J		1 8			80			1.6		
		VMP-7-13.5-020711	2/7/2011	9.5			<0.025	U		<0.0025	U		<0.0025	U		0.0099	J		0.00016	J		82			8.6		
		VMP-7-13.5-040711	4/7/2011	11			<0.026	U		<0.0026	U		<0.0026	U		0 033	J		<0.00026	U		81			7.6		
		VMP-7-13.5-080311	8/3/2011	17			<0.029	U		0.00029	J		<0.0029	U		0 012	J		1 9			79			1.6		
		VMP-7-13.5-111011	11/10/2011	16			<0.016	U		<0.0016	U		<0.0016	U		0.0033	J		0 045			82			2.1		
		VMP-7-13.5-013112	1/31/2012	15			<0.018	U		<0.0018	U		<0.0018	U		0.41		J	0 014			83			1.6		
		VMP-7-13.5-013112-DUP	1/31/2012	15			<0.018	U		<0.0018	U		<0.0018	U		<0 092	U	UJ	0 014			83			1.5		
		VMP-7-13.5-041212	4/12/2012	0 69			<0.018	U		<0.0018	U		<0.0018	U		0 046	J		0 000046	J		78			21		
		VMP-7-13.5-041312-DUP	4/12/2012	0.8			<0.019	U		<0.0019	U		<0.0019	U		0 052	J		<0.00019	U		79			20		
		VMP-7-13.5-072012	7/20/2012	1.4			<0.019	U		<0.0019	U		<0.0019	U		0 034	J		0 000024	J		79			20		
		VMP-7-13.5-101012	10/10/2012	0.44			<0.028	U		<0.0028	U		<0.0028	U		0 028			0 000039	J		80			20		
		VMP-7-13.5-021313	2/13/2013	0 23			<0.14	U		<0.0028	U		<0.0028	U		0 022	J		0 000024	J		80			20		
		VMP-7-13.5-060513	6/5/2013	0 59			<0.031	U		<0.0031	U		<0.0031	U		0.03	J		0.00023	J		78			21		
		VMP-7-13.5-073013	7/30/2013	0 84			<0.027	U		<0.0027	U		<0.0027	U		0.02	J		0.00014	J		79			20		
		VMP-7-13.5-110113	11/1/2013	0 34			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-7-13.5-022414	2/24/2014	0.15			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-7-13.5-043014	4/30/2014	0.45			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			21		
		VMP-7-13.5-080514	8/5/2014	1.6			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		79			19		
		VMP-7-13.5-102714	10/27/2014	0 84			<0.028	U		<0.0028	U		<0.0028	U		0.39			<0.00028	U		79			20		
		VMP-7-13.5-020215	2/2/2015	0.16			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000048	J		80			20		
		VMP-7-13.5-043015	4/30/2015	0 54			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		79			20		
		VMP-7-13.5-072715	7/27/2015	1.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-7-13.5-102815	10/28/2015	0.76			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-7-13.5-012716	1/27/2016	0.14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-7-13.5-042916	4/29/2016	0.49			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-7-13.5-072616	7/26/2016	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-7-13.5-102516	10/25/2016	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-7	29.5 ft	VMP-7-29.5	11/9/2009	17			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		4.4			77			1.3		
		VMP - 7 - 29 5 - 083110	8/31/2010	15			<0.025	U		0.00058	J		<0.0025	U		<0.12	J	U	4.1			79			1.3		
		VMP-7-29.5-111910	11/19/2010	16			<0.025	U		0.00068	J		<0.0025	U		0 011	J		3.4			79			1.5		
		VMP-7-29.5-020711	2/7/2011	15			<0.026	U		0.00032	J		<0.0026	U		0.2			2			81			1.5		
		VMP-7-29.5-040711	4/7/2011	13			<0.025	U		0.00022	J		<0.0025	U		0 016	J		1.4			81			4.7		
		VMP-7-29.5-080311	8/3/2011	15			<0 03	U		0.00071	J		<0 003	U		0.0071	J		3 6			80			1.4		
		VMP-7-29.5-111111	11/11/2011	16			<0.018	U		0.00026	J		<0.0018	U		0.0032	J		1 8			80			1.4		
		VMP-7-29.5-020112	2/1/2012	15			<0.018	U		0.00016	J		<0.0018	U		<0 088	U		1			82			2		
		VMP-7-29.5-041312	4/13/2012	8.8			<0.018	U		<0.0018	U		<0.0018	U		0 062	J		0.0019			79			12		
		VMP-7-29.5-072012	7/20/2012	5.6			<0.019	U		<0.0019	U		<0.0019	U		0 014	J		0 000084	J		78			16		
		VMP-7-29.5-072012-Dup	7/20/2012	5.8			<0.019	U		<0.0019	U		<0.0019	U		0.02	J		0 000092	J		77			17		
		VMP-7-29.5-101012	10/10/2012	4.5			<0.029	U		<0.0029	U		<0.0029	U		0 078			0.00022	J		78			17		
		VMP-7-29.5-060613	6/6/2013	2.2			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00012	J		79			19		
		VMP-7-29.5-073013	7/30/2013	2.6			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0 000084	J		79			18		
		VMP-7-29.5-102213	10/22/2013	2.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
		VMP-7-29.5-022414	2/24/2014	1.6			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			20		
		VMP-7-29.5-043014	4/30/2014	1.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0002	J		80			18		
		VMP-7-29.5-080514	8/5/2014	2.5			<0.029	U		<0.0029	U		<0.0029	U		0.0078	J		<0.00029	U		80			18		
		VMP-7-29.5-102714	10/27/2014	2.4			<0.027	U		<0.0027	U		<0.0027	U		0.54			<0.00027	U		78			19		
		VMP-7-29.5-020215	2/2/2015	1.3			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0 000037	J		79			20		
		VMP-7-29.5-043015	4/30/2015	1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			19		
		VMP-7-29.5-072715	7/27/2015	1.6			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			19		
		VMP-7-29.5-102815	10/28/2015	1.9			<0 03	U		<0.003	U		<0 003	U		0 023	J		<0 0003	U		79			19		
		VMP-7-29.5-012716	1/27/2016	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-7-29.5-042916	4/29/2016	0 85			<0 05	U		<0.005	U		<0 005	U		<0.25	U		<0 0005	U		79			20		
		VMP-7-29.5-072616	7/26/2016	1.5			<0.035	U		<0.0035	U		<0.0035	U		0 009	J		<0.00035	U		80			19		
		VMP-7-29.5-102516	10/25/2016	2.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			18		
	38 ft	VMP-7-38	11/9/2009	3.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.95			79			17		
		VMP-7-38-020711	2/7/2011	16			<0.022	U		0.00063	J		<0.0022	U		0.0087	J		2 2			80			1.5		
		VMP-7-38-040711	4/7/2011	15			<0.026	U		0.00028	J		<0.0026	U		0 013	J		1 8			81			1.9		
		VMP-7-38-020112	2/1/2012	15			<0.017	U		0.00017	J		<0.0017	U		<0 084	U		1.1			81			2.5		
		VMP-7-38-042512	4/25/2012	0 64			<0.024	U		<0.0024	U		<0.0024	U		0 034	J		0 000066	J		79			20		
		VMP-7-38-042512-Dup	4/25/2012	0 54			<0.024	U		<0.0024	U		<0.0024	U		0.04	J		0 000054	J		79			20		
		VMP-7-38-101112	10/11/2012	0.17			<0.027	U		<0.0027	U		<0.0027	U		0.11			0.00011	J		80			20		
		VMP-7-38-060613	6/6/2013	4			<0.032	U		<0.0032	U		<0.0032	U		0.1	J		0.00014	J		78			18		
		VMP-7-38-073013	7/30/2013	3.5			0 016	J		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			17		
		VMP-7-38-110113	11/1/2013	2.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			18		
		VMP-7-38-022414	2/24/2014	2.8			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00019	J		78			19		
		VMP-7-38-043014	4/30/2014	3.1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00029			81			16		
		VMP-7-38-043014-DUP	4/30/2014	3.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00024	J		81			16		
		VMP-7-38-080514	8/5/2014	2.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			17		
		VMP-7-38-080514-DUP	8/5/2014	3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			17		
		VMP-7-38-102714	10/27/2014	2.5			<0.026	U		<0.0026	U		<0.0026	U		4.2			<0.00026	U		75			18		
		VMP-7-38-020215	2/2/2015	2.4			<0.028	U		<0.0028	U		<0.0028	U		0 013	J		0 000061	J		80			18		
		VMP-7-38-043015	4/30/2015	2.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-7-38-072715	7/27/2015	2.4			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			18		
		VMP-7-38-102815	10/28/2015	2.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-7-38-102815-DUP	10/28/2015	2.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-7-38-012716	1/27/2016	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			20		
		VMP-7-38-012716-DUP	1/27/2016	1.6			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		78			20		
		VMP-7-38-042916	4/29/2016	1.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-7-38-042916-DUP	4/29/2016	1.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-7-38-072616	7/26/2016	2			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		80			18		
		VMP-7-38-072616-DUP	7/26/2016	2			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			18		
		VMP-7-38-102516	10/25/2016	2.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			18		
		VMP-7-38-102516-Dup	10/25/2016	2.8			<0.052	U		<0.0052	U		<0.0052	U		<0.26	U		<0.00052	U		79			18		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	5 ft	VMP-8-5	11/10/2009	5.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			16		
		VMP - 8 - 5 - 083010	8/30/2010	7.3			<0.027	U		<0.0027	U		<0.0027	U		0 039	J		0.00032			80			13		
		VMP-8-5-111810	11/17/2010	2			<0.023	U		<0.0023	U		<0.0023	U		0.14			0.0002	J		78			20		
		VMP-8-5-021011	2/10/2011	4			<0.025	U		<0.0025	U		<0.0025	U		0 018	J		0.00015	J		81			15		
		VMP-8-5-040711	4/7/2011	2.9			<0.028	U		<0.0028	U		<0.0028	U		0 032	J		0.00017	J		77			20		
		VMP-8-5-072711	7/27/2011	8.8			<0 03	U		<0.003	U		<0 003	U		0 018	J		0 000085	J		79			12		
		VMP-8-5-110311	11/3/2011	0 61			<0.017	U		<0.0017	U		<0.0017	U		<0 086	U		0.0001	J		82			17		
		VMP-8-5-012312	1/23/2012	1.1			<0.019	U		<0.0019	U		<0.0019	U		0.46			0.00024			77			21		
		VMP-8-5-041012	4/10/2012	2.1			<0.024	U		<0.0024	U		<0.0024	U		0 076	J		0.00013	J		81			17		
		VMP-8-5-071312	7/13/2012	2.1			<0.016	U		<0.0016	U		<0.0016	U		22			0.00016			61			15		
		VMP-8-5-073112	7/31/2012	3.5			<0.021	U		<0.0021	U		<0.0021	U		0.0093	J		0.00016	J		78			18		
		VMP-8-5-100412	10/4/2012	2			<0.028	U		<0.0028	U		<0.0028	U		0.11	J		0 000097	J		79			18		
		VMP-8-5-100412-Dup	10/4/2012	2			<0.026	U		<0.0026	U		<0.0026	U		0 051	J		0 000099	J		80			18		
		VMP-8-5-012413	1/24/2013	0 33			<0.13	U		<0.0027	U		<0.0027	U		<0.13	U		0.00019	J		79			21		
		VMP-8-5-042513	4/25/2013	0.12			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.0003			78			22		
		VMP-8-5-073013	7/30/2013	0 25			<0.027	U		<0.0027	U		<0.0027	U		0 047	J		0.00024	J		80			20		
		VMP-8-5-102213	10/22/2013	0 34			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0 000077	J		80			20		
		VMP-8-5-021014	2/10/2014	0.094			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00027			78			22		
		VMP-8-5-042514	4/25/2014	0 53			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-8-5-073014	7/30/2014	2.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0001	J		79			19		
		VMP-8-5-103114	10/31/2014	1.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00011	J		79			20		
		VMP-8-5-020915	2/9/2015	0.44			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00012	J		80			20		
		VMP-8-5-042715	4/27/2015	1.2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			20		
		VMP-8-5-072815	7/28/2015	2.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			19		
		VMP-8-5-102715	10/27/2015	1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-8-5-012716	1/27/2016	0 22			<0.023	U		<0.0023	U		<0.0023	U		0 012	J		<0.00023	U		80			20		
		VMP-8-5-042916	4/29/2016	0 55			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00016	J		79			20		
		VMP-8-5-072916	7/29/2016	2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		79			19		
		VMP-8-5-102516	10/25/2016	2.1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			19		
	9.5 ft	VMP-8-9.5	11/10/2009	9			<0.022	U		<0.0022	U		<0.0022	U		0.79			<0.00022	U		78			12		
		VMP - 8 - 9.5 - 083010	8/30/2010	8.4			<0.051	U		<0.0051	U		<0.0051	U		<0.25	J	U	0 000048	J		80			12		
		VMP - 8 - 9.5 - 083010-DUP	8/30/2010	9.1			<0.025	U		<0.0025	U		<0.0025	U		0 024	J		0 000026	J		81			9.8		
		VMP-8-9.5-111810	11/17/2010	8.5			<0.024	U		<0.0024	U		<0.0024	U		0 026	J		0 000053	J		78			13		
		VMP-8-9.5-021011	2/10/2011	7.9			<0.025	U		<0.0025	U		<0.0025	U		0 015	J		<0.00025	U		79			13		
		VMP-8-9.5-040711	4/7/2011	7.4			<0.028	U		<0.0028	U		<0.0028	U		0 043	J		<0.00028	U		79			14		
		VMP-8-9.5-072711	7/27/2011	7.2			<0 04	U		<0.004	U		<0 004	U		0.0098	J		<0 0004	U		78			15		
		VMP-8-9.5-110311	11/3/2011	6.5			<0.017	U		<0.0017	U		<0.0017	U		0.0035	J		0 000027	J		79			14		
		VMP-8-9.5-012312	1/23/2012	6.2			<0.018	U		<0.0018	U		<0.0018	U		<0 092	U		0 000047	J		78			16		
		VMP-8-9.5-041012	4/10/2012	5.3			<0.024	U		<0.0024	U		<0.0024	U		0.06	J		0 000058	J		80			15		
		VMP-8-9.5-071312	7/13/2012	5.8			<0.019	U		<0.0019	U		<0.0019	U		0 092	J		0 000028	J		78			16		
		VMP-8-9.5-071312-Dup	7/13/2012	5.6			<0.018	U		<0.0018	U		<0.0018	U		0 026	J		0 000039	J		78			16		
		VMP-8-9.5-100412	10/4/2012	4.4			<0 03	U		<0.003	U		<0 003	U		0 032	J		0.00016	J		80			16		
		VMP-8-9.5-012413	1/24/2013	3.4			<0.13	U		<0.0025	U		<0.0025	U		0 051	J		0 000041	J		78			18		
		VMP-8-9.5-012413-Dup	1/24/2013	3.4			<0.13	U		<0.0027	U		<0.0027	U		0 054	J		0 000043	J		78			18		
		VMP-8-9.5-042513	4/25/2013	2.2			<0.027	U		<0.0027	U		<0.0027	U		0 025	J		0.0001	J		79			19		
		VMP-8-9.5-073013	7/30/2013	2.5			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00017	J		80			18		
		VMP-8-9.5-102213	10/22/2013	1.8			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
		VMP-8-9.5-021014	2/10/2014	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-8-9.5-021014-Dup	2/10/2014	1.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-8-9.5-042514	4/25/2014	1.4			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-8-9.5-073014	7/30/2014	2.3			<0.047	U		<0.0047	U		<0.0047	U		0 029	J		<0.00047	U		79			19		
		VMP-8-9.5-103114	10/31/2014	2.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00004	J		79			19		
		VMP-8-9.5-020915	2/9/2015	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000052	J		79			20		
		VMP-8-9.5-042715	4/27/2015	0 97			<0.024	U		<0.0024	U		<0.0024	U		0 039	J		<0.00024	U		79			20		
		VMP-8-9.5-072815	7/28/2015	3.1			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			18		
		VMP-8-9.5-102715	10/27/2015	2.1			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			19		
		VMP-8-9.5-012716	1/27/2016	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-8-9.5-042916	4/29/2016	1.2			<0.022	U		<0.0022	U		<0.0022	U		0 014	J		<0.00022	U		80			19		
		VMP-8-9.5-072916	7/29/2016	3			<0.028	U		<0.0028	U		<0.0028	U		0 013	J		<0.00028	U		80			17		
		VMP-8-9.5-102516	10/25/2016	3.8			<0.024	U		<0.0024	U		<0.0024	U		0 022	J		<0.00024	U		78			18		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-8	23.5 ft	VMP-8-23.5	11/10/2009	10			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			11		
		VMP - 8 - 23 5 - 083010	8/30/2010	9.3			<0.026	U		<0.0026	U		<0.0026	U		0 036	J		0 000032	J		81			9.9		
		VMP-8-23.5-111910	11/19/2010	9.9			<0.025	U		<0.0025	U		<0.0025	U		0 028	J		0 000069	J		79			11		
		VMP-8-23.5-021011	2/10/2011	9.3			<0.027	U		<0.0027	U		<0.0027	U		0.02	J		<0.00027	U		79			12		
		VMP-8-23.5-040711	4/7/2011	8.3			<0.025	U		<0.0025	U		<0.0025	U		0 029	J		<0.00025	U		79			13		
		VMP-8-23.5-040711-DUP	4/7/2011	11			<0 06	U		<0.006	U		<0 006	U		1.2			<0 0006	U		72			16		
		VMP-8-23.5-081011	8/10/2011	8.8			<0.026	U		<0.0026	U		<0.0026	U		0.0086	J		<0.00026	U		79			12		
		VMP-8-23.5-110611	11/6/2011	9.4			<0.019	U		<0.0019	U		<0.0019	U		0 006	J		0 000096	J		68			22		
		VMP-8-23.5-012312	1/23/2012	7.6			<0.019	U		<0.0019	U		<0.0019	U		<0 096	U		0.00029			77			15		
		VMP-8-23.5-041012	4/10/2012	6.3			<0.024	U		<0.0024	U		<0.0024	U		0.13			0 000097	J		80			14		
		VMP-8-23.5-071312	7/13/2012	6.3			<0.021	U		<0.0021	U		<0.0021	U		0 048	J		0 000046	J		79			15		
		VMP-8-23.5-100412	10/4/2012	5.9			<0.029	U		<0.0029	U		<0.0029	U		0.14	J		0.00038			78			16		
		VMP-8-23.5-012413	1/24/2013	4.8			<0.14	U		<0.0029	U		<0.0029	U		<0.14	U		0 000056	J		78			17		
		VMP-8-23.5-050113	5/1/2013	4.2			<0 03	U		<0.003	U		<0 003	U		0 022	J		<0 0003	U		79			17		
		VMP-8-23.5-073013	7/30/2013	4.6			<0.027	U		<0.0027	U		<0.0027	U		0 026	J		0.00015	J		79			16		
		VMP-8-23.5-073013-Dup	7/30/2013	4.7			<0.027	U		<0.0027	U		<0.0027	U		0 025	J		0.00014	J		79			16		
		VMP-8-23.5-102213	10/22/2013	3.8			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			18		
		VMP-8-23.5-021014	2/10/2014	2.5			<0.026	U		<0.0026	U		<0.0026	U		0.0083	J		<0.00026	U		78			19		
		VMP-8-23.5-042514	4/25/2014	2.5			<0.028	U		<0.0028	U		<0.0028	U		0 015	J		<0.00028	U		80			18		
		VMP-8-23.5-073014	7/30/2014	3.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			17		
		VMP-8-23.5-103114	10/31/2014	3.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000021	J		79			17		
		VMP-8-23.5-020915	2/9/2015	2.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000031	J		79			18		
		VMP-8-23.5-050515-R	5/5/2015	1.6			<0.026	U		<0.0026	U		<0.0026	U		0 037	J		<0.00026	U		79			19		
		VMP-8-23.5-072815	7/28/2015	1.7			<0.024	U		<0.0024	U		<0.0024	U		0 057	J		<0.00024	U		79			19		
		VMP-8-23.5-102715	10/27/2015	3.1			<0.027	U		<0.0027	U		<0.0027	U		0 022	J		<0.00027	U		79			18		
		VMP-8-23.5-012716	1/27/2016	2.4			<0.027	U		<0.0027	U		<0.0027	U		0.24			<0.00027	U		79			18		
		VMP-8-23.5-042916	4/29/2016	2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-8-23.5-072916	7/29/2016	2.8			<0.022	U		<0.0022	U		<0.0022	U		0 021	J		<0.00022	U		79			18		
		VMP-8-23.5-072916-DUP	7/29/2016	3.2			<0.025	U		<0.0025	U		<0.0025	U		0.0087	J		<0.00025	U		80			17		
		VMP-8-23.5-102516	10/25/2016	4.1			<0.026	U		<0.0026	U		<0.0026	U		0 012	J		<0.00026	U		79			17		
	35.5 ft	VMP-8-35.5-042514	4/25/2014	0.049			<0.027	U		<0.0027	U		<0.0027	U		<0.14			0.00023	J		78			22		
		VMP-8-35.5-073014	7/30/2014	1.1			<0.027	U		<0.0027	U		<0.0027	U		1.2			0.00016	J		78			20		
		VMP-8-35.5-103114	10/31/2014	1.5			<0.023	U		<0.0023	U		<0.0023	U		0.3			0.00012	J		78			20		
		VMP-8-35.5-103114-DUP	10/31/2014	1.5			<0.023	U		<0.0023	U		<0.0023	U		0.3	U		0.00013	J		79			19		
		VMP-8-35.5-020915	2/9/2015	1.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0 000059	J		80			19		
		VMP-8-35.5-042715	4/27/2015	0.79			<0.025	U		<0.0025	U		<0.0025	U		0.16			<0.00025	U		79			20		
		VMP-8-35.5-072815	7/28/2015	2.8			<0.029	U		<0.0029	U		<0.0029	U		0 038	J		<0.00029	U		79			18		
		VMP-8-35.5-072815-DUP	7/28/2015	2.6			<0.026	U		<0.0026	U		<0.0026	U		0 045	J		<0.00026	U		79			18		
		VMP-8-35.5-012816	1/28/2016	1.2			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-8-35.5-012816-DUP	1/28/2016	1.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-8-35.5-042916	4/29/2016	0 65			<0.027	U		<0.0027	U		<0.0027	U		0.75			0.00013	J		79			20		
		VMP-8-35.5-080316	8/3/2016	3.2			<0.025	U		<0.0025	U		<0.0025	U		0.0053	J		<0.00025	U		80			17		
		VMP-8-35.5-102516	10/25/2016	3.2			<0.026	U		<0.0026	U		<0.0026	U		0.27			<0.00026	U		78			18		
		VMP-8-35.5-102516-Dup	10/25/2016	3.2			<0.026	U		<0.0026	U		<0.0026	U		0 047	J		<0.00026	U		79			18		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	5 ft	VMP-9-5	11/11/2009	3.8			<0.022	U		<0.0022	U		<0.0022	U		11			<0.00022	U		69			16		
		VMP-9-5-082610	8/26/2010	10			<0.023	U		<0.0023	U		<0.0023	U		0 012	J		0 000061	J		81			9.1		
		VMP-9-5-111910	11/19/2010	14			<0.024	U		<0.0024	U		<0.0024	U		0 042	J		0.00036			82			3.8		
		VMP-9-5-020811	2/8/2011	1.5			<0.022	U		<0.0022	U		<0.0022	U		0.01	J		<0.00022	U		78			20		
		VMP-9-5-040611	4/6/2011	10			<0.061	U		<0.0061	U		<0.0061	U		0 034	J		<0.00061	U		83			6.8		
		VMP-9-5-080211	8/2/2011	15			<0 03	U		<0.003	U		<0 003	U		0 015	J		0.24			83			1.8		
		VMP-9-5-110411	11/4/2011	3			<0.018	U		<0.0018	U		<0.0018	U		0.0093	J		0 000035	J		80			17		
		VMP-9-5-012612	1/26/2012	12			<0.015	U		<0.0015	U		<0.0015	U		<0 074	U		0.00017			82			6		
		VMP-9-5-041112	4/11/2012	0 34			<0.023	U		<0.0023	U		<0.0023	U		0.22			0.00009	J		80			19		
		VMP-9-5-071312	7/13/2012	0.045			<0.019	U		<0.0019	U		<0.0019	U		0 014	J		0.00022			79			21		
		VMP-9-5-101012	10/10/2012	0 21			<0.029	U		<0.0029	U		<0.0029	U		0 089			0 000099	J		80			20		
		VMP-9-5-012513	1/25/2013	0.16	J	J	<0 21	U	UJ	0.00013	J	J	<0.0042	U	UJ	0.28	J	J	0.00029	J	J	66	J	J	34	J	J
		VMP-9-5-021513	2/15/2013	0.16			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		0.00013	J		79			21		
		VMP-9-5-050113	5/1/2013	0.065			<0.029	U		<0.0029	U		<0.0029	U		0 056	J		0.00013	J		79			21		
		VMP-9-5-073013	7/30/2013	0 33			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0.00018	J		80			20		
		VMP-9-5-102213	10/22/2013	0.15			<0.027	U		<0.0027	U		<0.0027	U		0 012	J		0 000098	J		79			21		
		VMP-9-5-122013-R	12/20/2013	0.095			<0.035	U		<0.0035	U		<0.0035	U		0 022	J		<0.00035	U		79			21		
		VMP-9-5-021114	2/11/2014	0.054			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00013	J		78			22		
		VMP-9-5-043014	4/30/2014	0.056			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00015	J		79			21		
		VMP-9-5-081114	8/11/2014	0 23			<0.026	U		<0.0026	U		<0.0026	U		1.5			0.00012	J		78			20		
		VMP-9-5-110614	11/6/2014	0.14			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0 000082	J		79			21		
		VMP-9-5-021115	2/11/2015	0.082			<0.027	U		<0.0027	U		<0.0027	U		0.37			0.00011	J		80			20		
		VMP-9-5-050415	5/4/2015	0.2			<0.028	U		<0.0028	U		<0.0028	U		0 053	J		<0.00028	U		80			20		
		VMP-9-5-072815	7/28/2015	0 69			<0.028	U		<0.0028	U		<0.0028	U		0 011	J		0.00021	J		80			19		
		VMP-9-5-102815	10/28/2015	0 28			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-9-5-012816	1/28/2016	0.079			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			22		
		VMP-9-5-042816	4/28/2016	0.18			<0.028	U		<0.0028	U		<0.0028	U		0.13	J		0.0001	J		80			20		
		VMP-9-5-080116	8/1/2016	0 59			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00014	J		79			20		
		VMP-9-5-102516	10/25/2016	0.47			<0.026	U		<0.0026	U		<0.0026	U		0.0087	J		<0.00026	U		78			21		
		VMP-9-5-120916	12/9/2016	0 54			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
	11.5 ft	VMP-9-11.5	11/11/2009	12			<0.028	U		<0.0028	U		<0.0028	U		2.5			<0.00028	U		79			6.5		
		VMP-9-11.5-082610	8/26/2010	15			<0.026	U		0.00015	J		<0.0026	U		0 042	J		1 8			82			1.4		
		VMP-9-11.5-111910	11/19/2010	16			<0.027	U		<0.0027	U		<0.0027	U		0 021	J		1 5			81			1.6		
		VMP-9-11.5-020911	2/9/2011	10			<0.027	U		<0.0027	U		<0.0027	U		0 024	J		<0.00027	U		83			7		
		VMP-9-11.5-020911-DUP	2/9/2011	9.9			<0.021	U		<0.0021	U		<0.0021	U		0.0097	J		<0.00021	U		82			8.4		
		VMP-9-11.5-040611	4/6/2011	13			<0.059	U		<0.0059	U		<0.0059	U		0 035	J		0.0025			84			3.2		
		VMP-9-11.5-080211	8/2/2011	15			<0.028	U		0 0002	J		<0.0028	U		0 013	J		3			80			1.4		
		VMP-9-11.5-110411	11/4/2011	8.2			<0.018	U		<0.0018	U		<0.0018	U		0.0058	J		0 000029	J		80			12		
		VMP-9-11.5-012612	1/26/2012	14			<0.016	U		<0.0016	U		<0.0016	U		0 048	J		0.00003	J		83			2.8		
		VMP-9-11.5-041112	4/11/2012	1			<0.023	U		<0.0023	U		<0.0023	U		0.43			<0.00023	U		80			19		
		VMP-9-11.5-071312	7/13/2012	1.4			<0.021	U		<0.0021	U		<0.0021	U		0.14			<0.00021	U		79			19		
		VMP-9-11.5-101012	10/10/2012	0.43			<0.036	U		<0.0036	U		<0.0036	U		0.24			0 000051	J		79			20		
		VMP-9-11.5-012513	1/25/2013	0.3			<0.12	U		<0.0023	U		<0.0023	U		<0.12	U		0 000037	J		80			20		
		VMP-9-11.5-012513-DUP	1/25/2013	0 31			<0.13	U		<0.0025	U		<0.0025	U		0 027	J		0.00006	J		80			20		
		VMP-9-11.5-050113	5/1/2013	0 26			<0 03	U		<0.003	U		<0 003	U		0.26			<0 0003	U		79			20		
		VMP-9-11.5-073013	7/30/2013	1.1			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0 000082	J		80			19		
		VMP-9-11.5-102213	10/22/2013	0 33			<0.026	U		<0.0026	U		<0.0026	U		0 029	J		<0.00026	U		80			20		
		VMP-9-11.5-122013-R	12/20/2013	0.15			<0.026	U		<0.0026	U		<0.0026	U		0.16			<0.00026	U		79			21		
		VMP-9-11.5-021114	2/11/2014	0.094			<0.023	U		<0.0023	U		<0.0023	U		0 016	J		<0.00023	U		78			22		
		VMP-9-11.5-043014	4/30/2014	0.44			<0.025	U		<0.0025	U		<0.0025	U		0 066	J		<0.00025	U		80			20		
		VMP-9-11.5-081114	8/11/2014	0 94			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-9-11.5-110614	11/6/2014	0.41			<0 03	U		<0.003	U		<0 003	U		0 045	J		0.00026	J		80			20		
		VMP-9-11.5-021115	2/11/2015	0.13			<0.027	U		<0.0027	U		<0.0027	U		1.5			0 000057	J		78			20		
		VMP-9-11.5-050415	5/4/2015	0 52			<0.027	U		<0.0027	U		<0.0027	U		0 031	J		<0.00027	U		79			20		
		VMP-9-11.5-072815	7/28/2015	1.1			<0.027	U		<0.0027	U		<0.0027	U		0 071	J		<0.00027	U		80			19		
		VMP-9-11.5-102815	10/28/2015	0 35			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-9-11.5-012816	1/28/2016	0.18			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			21		
		VMP-9-11.5-042816	4/28/2016	0 56			<0.026	U		<0.0026	U		<0.0026	U		<0.13	J	U	<0.00026	U		79			20		
		VMP-9-11.5-080116	8/1/2016	1.6			<0 03	U		<0.003	U		<0 003	U		0 015	J		<0 0003	U		79			19		
		VMP-9-11.5-080116-DUP	8/1/2016	1.7			<0 03	U		<0.003	U		<0 003	U		0 017	J		<0 0003	U		80			18		
		VMP-9-11.5-102516	10/25/2016	1.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-9-11.5-120916	12/9/2016	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-9	25.5 ft	VMP-9-25.5	11/10/2009	17			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		3 8			78			1.2		
		VMP-9-25.5-D	11/10/2009	16			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		3 8			79			1.3		
		VMP-9-25.5-082610	8/26/2010	14			<0.024	U		0.00042	J		<0.0024	U		0 012	J	J	4 3			80			1.7		
		VMP-9-25.5-082610-DUP	8/26/2010	14			<0.026	U		0 0004	J		<0.0026	U		0.04	J	J	4 3			80			1.5		
		VMP-9-25.5-111910	11/19/2010	15			<0.028	U		0 0002	J		<0.0028	U		<0.14	U		3			80			1.6		
		VMP-9-25.5-020911	2/9/2011	15			<0.025	U		<0.0025	U		<0.0025	U		0 011	J		0.98			83			1.3		
		VMP-9-25.5-040811	4/8/2011	12			<0.026	U		<0.0026	U		<0.0026	U		9.2			0.64			75			3.3		
		VMP-9-25.5-080211	8/2/2011	14			<0.028	U		0.00024	J		<0.0028	U		0 012	J		3 5			81			1.5		
		VMP-9-25.5-110711	11/7/2011	16			<0.019	U		0.000059	J		<0.0019	U		0.0034	J		1.1			81			1.9		
		VMP-9-25.5-110711-DUP	11/7/2011	15			<0.016	U		0.000055	J		<0.0016	U		0.0058	J		1			82			1.6		
		VMP-9-25.5-012612	1/26/2012	15			<0.016	U		<0.0016	U		<0.0016	U		<0.08	U		0.43			83			1.5		
		VMP-9-25.5-041112	4/11/2012	3.2			<0.023	U		<0.0023	U		<0.0023	U		0 082	J		<0.00023	U		80			17		
		VMP-9-25.5-071312	7/13/2012	3			<0.026	U		<0.0026	U		<0.0026	U		0 088	J		<0.00026	U		78			19		
		VMP-9-25.5-071312-Dup	7/13/2012	3			<0.026	U		<0.0026	U		<0.0026	U		0 076	J		<0.00026	U		78			19		
		VMP-9-25.5-101012	10/10/2012	1.6			<0.026	U		<0.0026	U		<0.0026	U		0 033			<0.00026	U		79			19		
		VMP-9-25.5-013013	1/30/2013	1.3			<0.14	U		0.000062	J		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-9-25.5-050113	5/1/2013	0.6			<0 03	U		<0.003	U		<0 003	U		0 023	J		<0 0003	U		79			20		
		VMP-9-25.5-050113-Dup	5/1/2013	0 61			<0.031	U		<0.0031	U		<0.0031	U		0 022	J		<0.00031	U		79			20		
		VMP-9-25.5-073013	7/30/2013	2			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0.00012	J		80			18		
		VMP-9-25.5-102213	10/22/2013	0 97			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-9-25.5-102213-Dup	10/22/2013	0 99			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-9-25.5-021114	2/11/2014	0.48			<0.022	U		<0.0022	U		<0.0022	U		0 008	J		0 000077	J		78			21		
		VMP-9-25.5-043014	4/30/2014	0 68			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-9-25.5-081114	8/11/2014	2.2			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		79			19		
		VMP-9-25.5-021115	2/11/2015	0 55			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			21		
		VMP-9-25.5-050415	5/4/2015	0.74			<0.026	U		<0.0026	U		<0.0026	U		0.8			<0.00026	U		78			20		
		VMP-9-25.5-052915-R	5/29/2015	1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-9-25.5-072815	7/28/2015	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-9-25.5-102815	10/28/2015	1.8			<0.024	U		<0.0024	U		<0.0024	U		0 022	J		<0.00024	U		78			20		
		VMP-9-25.5-012816	1/28/2016	1.4			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			20		
		VMP-9-25.5-042816	4/28/2016	0 86			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-9-25.5-080116	8/1/2016	2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			18		
		VMP-9-25.5-102516	10/25/2016	2.5			<0.025	U		<0.0025	U		<0.0025	U		0.0098	J		<0.00025	U		78			19		
		VMP-9-25.5-120916	12/9/2016	2.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			18		
	38.5 ft	VMP-9-38.5	11/10/2009	17			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		3 2			78			1.2		
		VMP-9-38.5-020911	2/9/2011	16			<0.021	U		0.00011	J		<0.0021	U		<0.1	U		1.4			81			1.5		
		VMP-9-38.5-040811	4/8/2011	15			<0.028	U		<0.0028	U		<0.0028	U		0.11	J		1.1			82			1.6		
		VMP-9-38.5-012612	1/26/2012	15			<0.017	U		<0.0017	U		<0.0017	U		<0 084	U		0.47			83			1.7		
		VMP-9-38.5-041112	4/11/2012	7.8			<0.021	U		<0.0021	U		<0.0021	U		0 036	J		0.00094			78			14		
		VMP-9-38.5-071312	7/13/2012	5.5			<0.028	U		<0.0028	U		<0.0028	U		0.1	J		0.00012	J		78			16		
		VMP-9-38.5-101012	10/10/2012	5.9			<0.028	U		<0.0028	U		<0.0028	U		0 024	J		0.0054			80			14		
		VMP-9-38.5-013013	1/30/2013	5.9			<0.14	U		0.000066	J		<0.0028	U		<0.14	U		0.00013	J		79			15		
		VMP-9-38.5-050113	5/1/2013	4			<0.031	U		<0.0031	U		<0.0031	U		0.04	J		<0.00031	U		78			18		
		VMP-9-38.5-073113	7/31/2013	3.1			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00012	J		80			17		
		VMP-9-38.5-102213	10/22/2013	3.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			19		
		VMP-9-38.5-021114	2/11/2014	2.5			<0.025	U		<0.0025	U		<0.0025	U		0.0098	J		<0.00025	U		78			20		
		VMP-9-38.5-081114	8/11/2014	2.3			<0 03	U		<0.003	U		<0 003	U		2.1			<0 0003	U		78			18		
		VMP-9-38.5-050415	5/4/2015	2.1		J	<0 03	U		<0.003	U		<0 003	U		0.25			<0 0003	U		79			19		
		VMP-9-38.5-050415-DUP	5/4/2015	0.16		J	<0.018	U		<0.0018	U		<0.0018	U		0.49			0.00023			79			20		
		VMP-9-38.5-052915-R	5/29/2015	2.1			<0.029	U		<0.0029	U		<0.0029	U		0 033	J		<0.00029	U		80			18		
		VMP-9-38.5-072815	7/28/2015	1.8			<0.022	U		<0.0022	U		<0.0022	U		0 045	J		<0.00022	U		79			19		
		VMP-9-38.5-102815	10/28/2015	3			<0.036	U		<0.0036	U		<0.0036	U		<0.18	U		<0.00036	U		79			18		
		VMP-9-38.5-012816	1/28/2016	3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			19		
		VMP-9-38.5-042816	4/28/2016	2.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	J	U	<0.00026	U		79			19		
		VMP-9-38.5-072916	7/29/2016	2.6			<0 03	U		<0.003	U		<0 003	U		0.15	J		<0 0003	U		79			18		
		VMP-9-38.5-102516	10/25/2016	3.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			17		
		VMP-9-38.5-120916	12/9/2016	2.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			18		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	5 ft	VMP-10-5	11/11/2009	3.9			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			18		
		VMP-10-5-090710	9/7/2010	5.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	J	U	0.00017	J		80			15		
		VMP-10-5-111810	11/17/2010	3.2			<0.024	U		<0.0024	U		<0.0024	U		0 024	J		<0.00024	U		79			18		
		VMP-10-5-021011	2/10/2011	3.8			<0.024	U		<0.0024	U		<0.0024	U		0.0094	J		0.00014	J		79			17		
		VMP-10-5-040511	4/5/2011	0 38			<0.022	U		<0.0022	U		<0.0022	U		0.29			0.00017	J		78			21		
		VMP-10-5-07/2911	7/29/2011	3.8			<0.052	U		<0.0052	U		<0.0052	U		0.16	J		<0.00052	U		79			17		
		VMP-10-5-110411	11/4/2011	2.5			<0.014	U		<0.0014	U		<0.0014	U		0 042	J		0 000056	J		78			19		
		VMP-10-5-012512	1/26/2012	3.3			<0.018	U		<0.0018	U		<0.0018	U		0 046	J		<0.00018	U		79			18		
		VMP-10-5-041212	4/12/2012	2.8			<0.019	U		<0.0019	U		<0.0019	U		0 071	J		0 000025	J		79			18		
		VMP-10-5-071312	7/13/2012	2.2			<0.026	U		<0.0026	U		<0.0026	U		0 059	J		0.00003	J		79			19		
		VMP-10-5-101612	10/16/2012	2.1			<0 03	U		<0.003	U		<0 003	U		0 047	J		0.00032			80			18		
		VMP-10-5-012913	1/29/2013	0.11			<0.14	U		<0.0028	U		<0.0028	U		0.1	J		0.0001	J		79			21		
		VMP-10-5-012913-DUP	1/29/2013	0.1			<0.16	U		<0.0031	U		<0.0031	U		<0.16	U		0.0001	J		80			20		
		VMP-10-5-043013	4/30/2013	0.2			<0.032	U		<0.0032	U		<0.0032	U		0 042	J		<0.00032	U		79			21		
		VMP-10-5-073013	7/30/2013	0.12			<0.027	U		<0.0027	U		<0.0027	U		0.53			<0.00027	U		79			20		
		VMP-10-5-111313	11/13/2013	0 07			<0.023	U		<0.0023	U		<0.0023	U		0.67			0.00016	J		75			24		
		VMP-10-5-022614-R	2/26/2014	0.069			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			22		
		VMP-10-5-042914	4/29/2014	0 33			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-10-5-073114	7/31/2014	0.094			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00013	J		79			21		
		VMP-10-5-103014	10/30/2014	0.12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00008	J		79			21		
		VMP-10-5-020515	2/5/2015	0.044			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0002	J		79			21		
		VMP-10-5-043015	4/30/2015	0.079			<0.027	U		<0.0027	U		<0.0027	U		0 021	J		0.00017	J		79			21		
		VMP-10-5-072815	7/28/2015	0 25			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-10-5-103015	10/30/2015	0.11			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-10-5-012916	1/29/2016	0.057			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00011	J		79			21		
		VMP-10-5-050216	5/2/2016	0 25			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-10-5-082616	8/26/2016	0 54			<0.026	U		<0.0026	U		<0.0026	U		0.0053	J		<0.00026	U		79			20		
		VMP-10-5-110216	11/2/2016	0.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
	10 ft	VMP-10-10	11/11/2009	9.9			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		79			11		
		VMP-10-10-090710	9/7/2010	7.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	J	U	0.00013	J		79			13		
		VMP-10-10-111810	11/17/2010	5.3			<0.026	U		<0.0026	U		<0.0026	U		0.0082	J		<0.00026	U		79			16		
		VMP-10-10-021111	2/11/2011	4			<0 02	U		<0.002	U		<0 002	U		0 016	J		0.00009	J		79			17		
		VMP-10-10-040611	4/6/2011	2.2			<0.026	U		<0.0026	U		<0.0026	U		0 026	J		0 000048	J		79			19		
		VMP-10-10-072911	7/29/2011	5.5			<0.028	U		<0.0028	U		<0.0028	U		0.6			<0.00028	U		80			14		
		VMP-10-10-110411	11/4/2011	4.2			<0.018	U		<0.0018	U		<0.0018	U		0 016	J		<0.00018	U		80			16		
		VMP-10-10-110411-DUP	11/4/2011	4.3			<0.018	U		<0.0018	U		<0.0018	U		0 016	J		<0.00018	U		80			16		
		VMP-10-10-012512	1/26/2012	4			<0.018	U		<0.0018	U		<0.0018	U		<0 088	U		<0.00018	U		79			17		
		VMP-10-10-012512-DUP	1/26/2012	4.1			<0.018	U		<0.0018	U		<0.0018	U		<0 092	U		0.00011	J		79			17		
		VMP-10-10-041112	4/11/2012	3.9			<0.024	U		<0.0024	U		<0.0024	U		0 067	J		0 000046	J		80			16		
		VMP-10-10-071312	7/13/2012	3.2			<0.025	U		<0.0025	U		<0.0025	U		0.11	J		<0.00025	U		80			17		
		VMP-10-10-101612	10/16/2012	2.7			<0.032	U		<0.0032	U		<0.0032	U		0 049	J		0.00026	J		80			17		
		VMP-10-10-012913	1/29/2013	0.15			<0.13	U		<0.0025	U		<0.0025	U		<0.13	U		0 000034	J		80			20		
		VMP-10-10-043013	4/30/2013	0 23			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			20		
		VMP-10-10-073013	7/30/2013	0.15			<0.027	U		<0.0027	U		<0.0027	U		0.27			<0.00027	U		80			20		
		VMP-10-10-111313	11/13/2013	0.087			<0.025	U		<0.0025	U		<0.0025	U		0.25			0 000091	J		79			21		
		VMP-10-10-021214	2/12/2014	0.061			<0.024	U		<0.0024	U		<0.0024	U		0.0077	J		<0.00024	U		78			22		
		VMP-10-10-042914	4/29/2014	0 23			<0.045	U		<0.0045	U		<0.0045	U		<0.22	U		<0.00045	U		79			21		
		VMP-10-10-073114	7/31/2014	0.13			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-10-10-103014	10/30/2014	0.13			<0.027	U		<0.0027	U		<0.0027	U		0.81			<0.00027	U		78			21		
		VMP-10-10-020515	2/5/2015	0.051			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00014	J		79			21		
		VMP-10-10-043015	4/30/2015	0.1			<0.026	U		<0.0026	U		<0.0026	U		0 051	J		<0.00026	U		79			21		
		VMP-10-10-072815	7/28/2015	0 35			<0.029	U		<0.0029	U		<0.0029	U		0 087	J		<0.00029	U		79			21		
		VMP-10-10-103015	10/30/2015	0.15			<0.026	U		<0.0026	U		<0.0026	U		0 012	J		<0.00026	U		79			21		
		VMP-10-10-021616	2/16/2016	0.091			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			22		
		VMP-10-10-050216	5/2/2016	0 37			<0.031	U		<0.0031	U		<0.0031	U		0 086	J		<0.00031	U		80			20		
		VMP-10-10-072816	7/28/2016	1.2			<0.028	U		<0.0028	U		<0.0028	U		0 013	J		<0.00028	U		80			19		
		VMP-10-10-110216	11/2/2016	0.43			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-10	20 ft	VMP-10-20	11/11/2009	0.15		J	<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			22		
		VMP-10-20-D	11/11/2009	0 23		J	<0.025	U		<0.0025	U		<0.0025	U		0.58			<0.00025	U		78			21		
		VMP-10-20-090710	9/7/2010	0 22			<0.056	U		<0.0056	U		<0.0056	U		<0.28	J	U	0.00019	J		80			20		
		VMP-10-20-090710-DUP	9/7/2010	0.16			<0.052	U		<0.0052	U		<0.0052	U		0 076	J		0.00025	J		74			26		
		VMP-10-20-111810	11/17/2010	8.3			<0.049	U		<0.0049	U		<0.0049	U		0.0098	J		<0.00049	U		79			13		
		VMP-10-20-111810-Dup	11/17/2010	7.4			<0.025	U		<0.0025	U		<0.0025	U		0.0043	J		0 000045	J		78			14		
		VMP-10-20-021111	2/11/2011	6.4			<0.051	U		<0.0051	U		<0.0051	U		0 012	J		<0.00051	U		78			16		
		VMP-10-20-040611	4/6/2011	0 58			<0.029	U		<0.0029	U		<0.0029	U		0 028	J		0.00019	J		78			21		
		VMP-10-20-072911	7/29/2011	7.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			13		
		VMP-10-20-110411	11/4/2011	4.6			<0.018	U		<0.0018	U		<0.0018	U		0 062	J		0 000073	J		79			16		
		VMP-10-20-012612	1/26/2012	5.6			<0.017	U		<0.0017	U		<0.0017	U		<0 084	U		0 000016	J		79			15		
		VMP-10-20-041212	4/12/2012	5.1			<0.019	U		<0.0019	U		<0.0019	U		0 065	J		0 000037	J		80			15		
		VMP-10-20-071612	7/16/2012	5			<0.024	U		<0.0024	U		<0.0024	U		0.09	J		<0.00024	U		79			16		
		VMP-10-20-101612	10/16/2012	4.3			<0.032	U		<0.0032	U		<0.0032	U		0 057	J		0 000026	J		81			15		
		VMP-10-20-012913	1/29/2013	0.45			<0 29	U		<0.0058	U		<0.0058	U		<0.29	U		<0.00058	U		78			21		
		VMP-10-20-043013	4/30/2013	0 28			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		80			20		
		VMP-10-20-073013	7/30/2013	0.45			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00014	J		80			20		
		VMP-10-20-102313	10/23/2013	0.16			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00023	J		79			21		
		VMP-10-20-021214	2/12/2014	0.085			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0 000061	J		79			21		
		VMP-10-20-042914	4/29/2014	0.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			21		
		VMP-10-20-073114	7/31/2014	0.42			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-10-20-103014	10/30/2014	0 22			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-10-20-020515	2/5/2015	0.065			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000054	J		79			21		
		VMP-10-20-043015	4/30/2015	0 21			<0 03	U		<0.003	U		<0 003	U		0.11	J		<0 0003	U		79			21		
		VMP-10-20-072815	7/28/2015	0.75			<0.028	U		<0.0028	U		<0.0028	U		0 098	J		<0.00028	U		79			20		
		VMP-10-20-072815-DUP	7/28/2015	0.73			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-10-20-103015	10/30/2015	0 36			<0.024	U		<0.0024	U		<0.0024	U		0 022	J		<0.00024	U		79			21		
		VMP-10-20-012916	1/29/2016	0.15			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-10-20-050216	5/2/2016	0 28			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-10-20-072816	7/28/2016	0 81			<0.056	U		<0.0056	U		<0.0056	U		<0.28	U		<0.00056	U		80			19		
		VMP-10-20-110216	11/2/2016	0 81			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
	30 ft	VMP-10-30	11/13/2009	16			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		81			3.4		
		VMP-10-30-041212	4/12/2012	6.1			<0.032	U		<0.0032	U		<0.0032	U		0 085	J		0.00092			80			14		
		VMP-10-30-071612	7/16/2012	5.9			<0.023	U		<0.0023	U		<0.0023	U		0 053	J		0.00026			79			15		
		VMP-10-30-101612	10/16/2012	5.1			<0 03	U		<0.003	U		<0 003	U		0.04	J		0 000095	J		80			15		
		VMP-10-30-012913	1/29/2013	2.2			<0.15	U		<0.003	U		<0 003	U		<0.15	U		0 000055	J		79			19		
		VMP-10-30-043013	4/30/2013	1.2			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			19		
		VMP-10-30-073013	7/30/2013	0 97			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-10-30-102813	10/28/2013	0 53			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
		VMP-10-30-021214	2/12/2014	0 63			<0.024	U		<0.0024	U		<0.0024	U		0 028	J		<0.00024	U		78			21		
		VMP-10-30-042914	4/29/2014	0 55			<0.026	U		<0.0026	U		<0.0026	U		0 012	J		<0.00026	U		78			21		
		VMP-10-30-073114	7/31/2014	0 68			<0.028	U		<0.0028	U		<0.0028	U		0 011	J		<0.00028	U		79			20		
		VMP-10-30-073114-Dup	7/31/2014	0 68			<0.026	U		<0.0026	U		<0.0026	U		0 013	J		<0.00026	U		79			20		
		VMP-10-30-103014	10/30/2014	0.72			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-10-30-103014-DUP	10/30/2014	0.72			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-10-30-020515	2/5/2015	0 27			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00029			79			21		
		VMP-10-30-020515-DUP	2/5/2015	0 26			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00028			80			20		
		VMP-10-30-043015	4/30/2015	0 27			<0.027	U		<0.0027	U		<0.0027	U		0.12	J		<0.00027	U		79			21		
		VMP-10-30-072815	7/28/2015	0.74			<0.029	U		<0.0029	U		<0.0029	U		0 027	J		<0.00029	U		79			20		
		VMP-10-30-103015	10/30/2015	0 85			<0.026	U		<0.0026	U		<0.0026	U		0 022	J		<0.00026	U		78			21		
		VMP-10-30-012916-DUP	1/29/2016	0 52			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-10-30-050216	5/2/2016	0 38			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			20		
		VMP-10-30-050216-DUP	5/2/2016	0 37			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			20		
		VMP-10-30-072816	7/28/2016	0.77			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			19		
		VMP-10-30-110216	11/2/2016	1.1			<0.031	U		<0.0031	U		<0.0031	U		0 034	J		<0.00031	U		80			19		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	5 ft	VMP-11-5	11/17/2009	7.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		1			87			4.4		
		VMP-11-5-090710	9/7/2010	8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	J	U	0.00072			80			12		
		VMP-11-5-112210	11/22/2010	10			<0.026	U		<0.0026	U		<0.0026	U		0 016	J		0 000096	J		80			9.4		
		VMP-11-5-021511	2/15/2011	8.5			<0.023	U		<0.0023	U		<0.0023	U		0 018	J		0.00004	J		80			11		
		VMP-11-5-040611	4/6/2011	8			<0.027	U		<0.0027	U		<0.0027	U		0 022	J		0 002			80			12		
		VMP-11-5-080711	8/7/2011	7.1			<0 03	U		<0.003	U		<0 003	U		0.01	J		<0 0003	U		79			14		
		VMP-11-5-111111	11/11/2011	11			<0.018	U		<0.0018	U		<0.0018	U		0.65			0 000078	J		80			8.3		
		VMP-11-5-012612	1/26/2012	9.6			<0.018	U		<0.0018	U		<0.0018	U		<0 088	U		0 000049	J		81			9.5		
		VMP-11-5-041912	4/19/2012	3.4			<0.026	U		<0.0026	U		<0.0026	U		0 052	J		0.00024	J		73			24		
		VMP-11-5-071912	7/16/2012	2.4			<0.034	U		<0.0034	U		<0.0034	U		0 075	J		0 000057	J		78			19		
		VMP-11-5-101612	10/16/2012	4.2			<0.028	U		<0.0028	U		<0.0028	U		0 028	J		0 000053	J		81			15		
		VMP-11-5-012913	1/29/2013	0.47			<0 29	U		0.00016	J		<0.0058	U		0.74			0 000098	J		77			22		
		VMP-11-5-043013	4/30/2013	0.45			<0 03	U		<0.003	U		<0 003	U		0.2			0.00011	J		78			21		
		VMP-11-5-073113	7/31/2013	0 39			<0.031	U		<0.0031	U		<0.0031	U		0.18			0.0001	J		79			20		
		VMP-11-5-102813	10/28/2013	0.11			<0.028	U		<0.0028	U		<0.0028	U		0 097	J		0.00012	J		79			21		
		VMP-11-5-022114	2/21/2014	0.12			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-11-5-043014	4/30/2014	0 55			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00014	J		78			21		
		VMP-11-5-073114	7/31/2014	0.74			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00013	J		79			20		
		VMP-11-5-103014	10/30/2014	0 34			<0.024	U		<0.0024	U		<0.0024	U		0.14			0.00012	J		80			20		
		VMP-11-5-020515	2/5/2015	0.082			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00014	J		79			21		
		VMP-11-5-043015	4/30/2015	0 35			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-11-5-072815	7/28/2015	0.75			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-11-5-103015	10/30/2015	0.18			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-11-5-012916	1/29/2016	0.12			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		79			21		
		VMP-11-5-050216	5/2/2016	0 26			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00015	J		80			20		
		VMP-11-5-080116	8/1/2016	0 85			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-11-5-110116	11/1/2016	0 52			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00013	J		79			20		
	8 ft	VMP-11-8	11/17/2009	11			<0.025	U		<0.0025	U		<0.0025	U		0.21			0.01			84			5.1		
		VMP-11-8-090810	9/8/2010	7.8			<0.053	U		<0.0053	U		<0.0053	U		0 018	J		0.0011			76			16		
		VMP-11-8-112210	11/22/2010	11			<0.026	U		<0.0026	U		<0.0026	U		0 031	J		<0.00026	U		80			8.8		
		VMP-11-8-021111	2/11/2011	9.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		81			9.7		
		VMP-11-8-021111-DUP	2/11/2011	9.4			<0.024	U		<0.0024	U		<0.0024	U		0 014	J		<0.00024	U		81			9.9		
		VMP-11-8-040611	4/6/2011	8.2			<0.028	U		<0.0028	U		<0.0028	U		0 017	J		0.00007	J		81			11		
		VMP-11-8-040611-DUP	4/6/2011	8.1			<0.029	U		<0.0029	U		<0.0029	U		0 034	J		0 000058	J		80			12		
		VMP-11-8-080711	8/7/2011	10			<0 03	U		<0.003	U		<0 003	U		0 015	J		<0 0003	U		81			9		
		VMP-11-8-111411	11/14/2011	9.7			<0.018	U		<0.0018	U		<0.0018	U		0 013	J		0 000055	J		80			9.7		
		VMP-11-8-012612	1/26/2012	10			<0.017	U		<0.0017	U		<0.0017	U		0 025	J		0 000023	J		81			9.1		
		VMP-11-8-041912	4/19/2012	4.6			<0.025	U		<0.0025	U		<0.0025	U		0.11	J		0 000048	J		78			17		
		VMP-11-8-072012	7/20/2012	3.7			<0 02	U		<0.002	U		<0 002	U		0 056	J		0 000055	J		79			17		
		VMP-11-8-101612	10/16/2012	4			<0.029	U		<0.0029	U		<0.0029	U		0 037	J		0 000059	J		80			16		
		VMP-11-8-101612-Dup	10/16/2012	4.2			<0.029	U		<0.0029	U		<0.0029	U		0.04	J		0 000044	J		80			16		
		VMP-11-8-012913	1/29/2013	1.1			<0.15	U		0.000092	J		<0 003	U		<0.15	U		0 000049	J		80			19		
		VMP-11-8-050113	5/1/2013	0 84			<0.028	U		<0.0028	U		<0.0028	U		0 037	J		<0.00028	U		78			21		
		VMP-11-8-080113	8/1/2013	1.3			<0.028	U		<0.0028	U		<0.0028	U		0.11	J		0.00012	J		80			19		
		VMP-11-8-102813	10/28/2013	0 64			<0.029	U		<0.0029	U		<0.0029	U		0.98			<0.00029	U		78			20		
		VMP-11-8-022114	2/21/2014	0.16			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-11-8-043014	4/30/2014	0 69			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00011	J		79			20		
		VMP-11-8-073114	7/31/2014	1.7			<0 03	U		<0.003	U		<0 003	U		0.0079	J		<0 0003	U		78			20		
		VMP-11-8-111014-R	11/10/2014	0.9			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-11-8-020515	2/5/2015	0.19			<0.024	U		<0.0024	U		<0.0024	U		0 024	J		0.00011	J		79			21		
		VMP-11-8-043015	4/30/2015	0 61			<0.028	U		<0.0028	U		<0.0028	U		0 064	J		<0.00028	U		78			21		
		VMP-11-8-072815	7/28/2015	1.5			<0.036	U		<0.0036	U		<0.0036	U		<0.18	U		<0.00036	U		80			19		
		VMP-11-8-103015	10/30/2015	0.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-11-8-012916	1/29/2016	0 26			<0.026	U		<0.0026	U		<0.0026	U		0 012	J		<0.00026	U		79			21		
		VMP-11-8-050616	5/6/2016	0.7			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00011	J		80			19		
		VMP-11-8-080116	8/1/2016	1.9			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-11-8-110116	11/1/2016	1.1			<0.026	U		<0.0026	U		<0.0026	U		0.0052	J		<0.00026	U		80			19		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-11	29 ft	VMP-11-29	11/18/2009	17			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.14			80			2.4		
		VMP-11-29-090810	9/8/2010	14			<0.026	U		<0.0026	U		<0.0026	U		1			0 048			83			1.6		
		VMP-11-29-112210	11/22/2010	14			<0.028	U		<0.0028	U		<0.0028	U		0.0073	J		0 071			84			1.9		
		VMP-11-29-112210-Dup	11/22/2010	14			<0.028	U		<0.0028	U		<0.0028	U		0 013	J		0 071			84			1.5		
		VMP-11-29-021411	2/14/2011	14			<0.025	U		<0.0025	U		<0.0025	U		0 013	J		0.00048			82			3.6		
		VMP-11-29-040611	4/6/2011	15			<0.028	U		<0.0028	U		<0.0028	U		0 031	J		0.00062			83			1.8		
		VMP-11-29-082511	8/25/2011	14			<0.028	U		<0.0028	U		<0.0028	U		0.0056	J		0.0025			84			2		
		VMP-11-29-082511-Dup	8/25/2011	14			<0.028	U		<0.0028	U		<0.0028	U		0.0044	J		0.00013	J		84			2		
		VMP-11-29-111411	11/14/2011	14			<0.018	U		<0.0018	U		<0.0018	U		0.0064	J		0.00017	J		83			2.8		
		VMP-11-29-012612	1/26/2012	16			<0.017	U		<0.0017	U		<0.0017	U		<0 084	U		0.00022			82			1.9		
		VMP-11-29-042712	4/27/2012	10			<0.024	U		<0.0024	U		<0.0024	U		0 011	J		0.00004	J		81			8.7		
		VMP-11-29-072012	7/23/2012	7.2			<0.018	U		<0.0018	U		<0.0018	U		0 059	J		0 000098	J		80			13		
		VMP-11-29-101612	10/16/2012	9.2			<0 03	U		<0.003	U		<0 003	U		0 093	J		0 000089	J		78			13		
		VMP-11-29-012913	1/29/2013	2.8			<0.14	U		0 0001	J		<0.0029	U		0 071	J		0 000079	J		78			19		
		VMP-11-29-043013	4/30/2013	1.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-11-29-073113	7/31/2013	1.8			<0.056	U		<0.0056	U		<0.0056	U		<0.28	U		<0.00056	U		79			19		
		VMP-11-29-102813	10/28/2013	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-11-29-022114	2/21/2014	0 66			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-11-29-043014	4/30/2014	0 55			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-11-29-073114	7/31/2014	1.5			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			19		
		VMP-11-29-103014	10/30/2014	1.3			<0.025	U		<0.0025	U		<0.0025	U		0.41			<0.00025	U		78			20		
		VMP-11-29-103014-DUP	10/30/2014	1.2			<0.024	U		<0.0024	U		<0.0024	U		0.41			<0.00024	U		78			20		
		VMP-11-29-020515	2/5/2015	0.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000037	J		80			20		
		VMP-11-29-020515-DUP	2/5/2015	0.49			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000032	J		80			20		
		VMP-11-29-043015	4/30/2015	0 59			<0.025	U		<0.0025	U		<0.0025	U		0 015	J		<0.00025	U		79			20		
		VMP-11-29-072815	7/28/2015	1.3			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			19		
		VMP-11-29-110515	11/5/2015	1.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			20		
		VMP-11-29-012916	1/29/2016	0 86			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		78			21		
		VMP-11-29-050216	5/2/2016	0 65			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-11-29-080216	8/2/2016	1.6			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			18		
		VMP-11-29-110116	11/1/2016	1.8			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			18		
	38 ft	VMP-11-38	11/18/2009	16			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.35			81			1.8		
		VMP-11-38-042312	4/23/2012	17			<0.018	U		<0.0018	U		<0.0018	U		0 017	J		0.0066			82			1.5		
		VMP-11-38-042312-Dup	4/23/2012	17			<0.018	U		<0.0018	U		<0.0018	U		0.02	J		0.0067			81			1.7		
		VMP-11-38-072312	7/23/2012	16			<0 02	U		<0.002	U		<0 002	U		0 084	J		0.0037			82			1.5		
		VMP-11-38-101612	10/16/2012	13			<0 03	U		<0.003	U		<0 003	U		0.1	J		0.0023			80			7.2		
		VMP-11-38-013013	1/30/2013	8.2			<0.14	U		0.000083	J		<0.0028	U		0.06	J		0.0011			78			14		
		VMP-11-38-043013	4/30/2013	4.7			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00017	J		77			18		
		VMP-11-38-073113	7/31/2013	2.8			<0.029	U		<0.0029	U		<0.0029	U		0 042	J		<0.00029	U		79			18		
		VMP-11-38-073113-Dup	7/31/2013	2.8			<0.029	U		<0.0029	U		<0.0029	U		0 038	J		<0.00029	U		79			18		
		VMP-11-38-102813	10/28/2013	2.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			19		
		VMP-11-38-022114	2/21/2014	1.9			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00041			78			20		
		VMP-11-38-043014	4/30/2014	1.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00024	J		79			19		
		VMP-11-38-073114	7/31/2014	1.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-11-38-103014	10/30/2014	1.4			<0.028	U		<0.0028	U		<0.0028	U		2			<0.00028	U		78			19		
		VMP-11-38-020515	2/5/2015	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00021	J		79			20		
		VMP-11-38-043015	4/30/2015	1.4			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-11-38-072815	7/28/2015	1.2			<0.027	U		<0.0027	U		<0.0027	U		0 028	J		<0.00027	U		80			19		
		VMP-11-38-103015	10/30/2015	1.6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			20		
		VMP-11-38-103015-DUP	10/30/2015	1.7			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			20		
		VMP-11-38-012916	1/29/2016	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-11-38-050216	5/2/2016	0.8			<0.026	U		<0.0026	U		<0.0026	U		0.26			<0.00026	U		80			19		
		VMP-11-38-050216-DUP	5/2/2016	0.79			<0.025	U		<0.0025	U		<0.0025	U		0.25			<0.00025	U		79			20		
		VMP-11-38-080216	8/2/2016	1.2			<0.029	U		<0.0029	U		<0.0029	U		0 025	J		<0.00029	U		81			18		
		VMP-11-38-110216	11/2/2016	1.9			<0 03	U		<0.003	U		<0 003	U		0 048	J		<0 0003	U		79			19		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	5 ft	VMP-12-5	11/13/2009	14			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		33			50			0.9		
		VMP-12-5-090310	9/3/2010	12			<0.027	U		0 0012	J		<0.0027	U		<0.13	U		36			49			0 97		
		VMP-12-5-120310	12/3/2010	13			<0.021	U		0.001	J		<0.0021	U		0.0086	J		36			47			1.3		
		VMP-12-5-021511	2/15/2011	7.6			<0.024	U		0.00044	J		<0.0024	U		0 021	J		18			72			1.6		
		VMP-12-5-041911	4/19/2011	7.4			<0.029	U		0.00088	J		<0.0029	U		0 023	J		31			59			1.4		
		VMP-12-5-080411	8/4/2011	12			<0.029	U		0.00068	J		<0.0029	U		0 062	J		24			61			2.1		
		VMP-12-5-111611	11/16/2011	7			<0.016	U		<0.0016	U		<0.0016	U		0.0056	J		0.0003			77			16		
		VMP-12-5-012412	1/24/2012	2.8			<0.018	U		<0.0018	U		<0.0018	U		1.4			0.0045			76			20		
		VMP-12-5-041912	4/19/2012	4			<0.024	U		<0.0024	U		<0.0024	U		0.57			0 000054	J		81			14		
		VMP-12-5-072612	7/26/2012	0.17			<0 02	U		<0.002	U		<0 002	U		0.2			0.00017	J		80			20		
		VMP-12-5-072612-Dup	7/26/2012	0.17			<0.018	U		<0.0018	U		<0.0018	U		0.13			0.00017	J		80			20		
		VMP-12-5-102412	10/24/2012	0.14			<0 03	U		<0.003	U		<0 003	U		0 028	J		0.0001	J		81			19		
		VMP-12-5-021813	2/18/2013	0.089			<0.13	U		<0.0027	U		<0.0027	U		0.34			0 000044	J		78			21		
		VMP-12-5-051013	5/10/2013	0.18			<0.028	U		<0.0028	U		<0.0028	U		0 011	J		0 000088	J		80			20		
		VMP-12-5-081213	8/12/2013	0.41			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			20		
		VMP-12-5-111413	11/14/2013	0 22			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.0001	J		79			21		
		VMP-12-5-031914-R	3/19/2014	0.068			<0.025	U		<0.0025	U		<0.0025	U		0 028	J		0.00019	J		79			21		
		VMP-12-5-050214	5/2/2014	0.12			<0.021	U		<0.0021	U		<0.0021	U		<0.1	U		0.00015	J		79			21		
		VMP-12-5-081514	8/15/2014	0 27			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00019	J		79			21		
		VMP-12-5-110714	11/10/2014	0.13			<0.029	U		<0.0029	U		<0.0029	U		0.77			0.00014	J		78			21		
		VMP-12-5-021115	2/11/2015	0.058			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.0002	J		79			21		
		VMP-12-5-050715	5/7/2015	0.078			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-12-5-073115	7/31/2015	0.17			<0.027	U		<0.0027	U		<0.0027	U		0 035	J		0.00018	J		79			21		
		VMP-12-5-110415	11/4/2015	0.056			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00047			79			21		
		VMP-12-5-020316	2/3/2016	0.035			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00016	J		79			21		
		VMP-12-5-050416	5/4/2016	0.041			<0.032	U		<0.0032	U		<0.0032	U		0 063	J		0.00015	J		79			21		
		VMP-12-5-080316	8/3/2016	0 06			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00024	J		80			20		
		VMP-12-5-103116	10/31/2016	0.063			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00021	J		79			21		
	11.5 ft	VMP-12-11 5	11/13/2009	14			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		34			49			0 84		
		VMP-12-11 5-090310	9/3/2010	13			<0.028	U		0 0011	J		<0.0028	U		<0.14	U		38			46			1.1		
		VMP-12-11 5-120310	12/3/2010	11			<0.021	U		0.00072	J		<0.0021	U		0 039	J		27			58			2.5		
		VMP-12-11 5-021511	2/15/2011	9.1			<0.027	U		0.00099	J		<0.0027	U		0 022	J		35			53			1.5		
		VMP-12-11 5-021511-DUP	2/15/2011	8.6			<0.023	U		0.00094	J		<0.0023	U		0.04	J		34			54			2.3		
		VMP-12-11 5-041911	4/19/2011	9.2			<0.026	U		0 0011	J		<0.0026	U		0 023	J		37			50			1.6		
		VMP-12-11 5-080411	8/4/2011	12			<0.028	U		0.00052	J		<0.0028	U		<0.14	U		21			64			1.7		
		VMP-12-11 5-111611	11/16/2011	7.7			<0.017	U		<0.0017	U		<0.0017	U		<0 084	U		0.16			80			12		
		VMP-12-11 5-012412	1/24/2012	9.6			<0.017	U		<0.0017	U		<0.0017	U		0 031	J		3 3			84			2.7		
		VMP-12-11 5-041912	4/19/2012	5.8			<0.026	U		<0.0026	U		<0.0026	U		0 073	J		1 3			80			13		
		VMP-12-11 5-082012	8/20/2012	0 22			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00012	J		80			20		
		VMP-12-11 5-102612	10/26/2012	0.11			<0.029	U		<0.0029	U		<0.0029	U		0 038	J		0.00014	J		80			20		
		VMP-12-11 5-021813	2/18/2013	0.13			<0.14	U		<0.0029	U		<0.0029	U		0.1	J		0 000079	J		80			20		
		VMP-12-11 5-051013	5/10/2013	2.9			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 091			83			14		
		VMP-12-11 5-081213	8/12/2013	0 58			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
		VMP-12-11 5-111413	11/14/2013	0.19			<0.036	U		<0.0036	U		<0.0036	U		0 017	J		0.00012	J		80			20		
		VMP-12-11 5-022814	2/28/2014	0.064			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00017	J		79			21		
		VMP-12-11 5-050214	5/2/2014	0 23			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-12-11 5-081514	8/15/2014	0 32			<0.027	U		<0.0027	U		<0.0027	U		0.25			0.00014	J		78			21		
		VMP-12-11 5-110714	11/7/2014	0.15			<0.028	U		<0.0028	U		<0.0028	U		0.52			0.00013	J		79			20		
		VMP-12-11 5-021115	2/11/2015	0.049			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0004			79			21		
		VMP-12-11 5-050715	5/7/2015	0 09			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-12-11 5-073115	7/31/2015	0 25			<0 03	U		<0.003	U		<0 003	U		0 028	J		<0 0003	U		80			20		
		VMP-12-11 5-110415	11/4/2015	0.077			<0.023	U		<0.0023	U		<0.0023	U		0 026	J		0.00016	J		79			21		
		VMP-12-11 5-020316	2/3/2016	0.052			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00017	J		79			21		
		VMP-12-11 5-050416	5/4/2016	0 07			<0.029	U		<0.0029	U		<0.0029	U		0.0088	J		0.00017	J		79			21		
		VMP-12-11 5-080316	8/3/2016	0.11			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00022	J		79			21		
		VMP-12-11 5-110316	11/3/2016	0.085			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00013	J		80			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-12	25 ft	VMP-12-25	11/13/2009	14			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		33			49			0 84		
		VMP-12-25-090310	9/3/2010	13			<0.026	U		0 0012	J		<0.0026	U		<0.13	J	U	36			47			0 99		
		VMP-12-25-120310	12/3/2010	13			<0.022	U		0.000091	J		<0.0022	U		<0.11	U		4 8			80			1.5		
		VMP-12-25-021511	2/15/2011	13			<0.027	U		0.00089	J		<0.0027	U		0 026	J		32			52			1.4		
		VMP-12-25-041911	4/19/2011	13			<0.028	U		0.00097	J		<0.0028	U		0 032	J		35			49			1.1		
		VMP-12-25-080411	8/4/2011	12			<0.026	U		0.001	J		<0.0026	U		0 013	J		35			49			2.2		
		VMP-12-25-111611	11/16/2011	12			<0.016	U		0.001	J		<0.0016	U		<0 078	U		36			49			1.5		
		VMP-12-25-012412	1/24/2012	12			<0.017	U		0.00086	J		<0.0017	U		0.0067	J		31			54			1.3		J
		VMP-12-25-012412-DUP	1/24/2012	12			<0.018	U		0.00085	J		<0.0018	U		0 043	J		30			55			1.8		J
		VMP-12-25-041912	4/19/2012	9.5			<0.018	U		0.00067	J		<0.0018	U		0 046	J		29			58			2.3		
		VMP-12-25-072712	7/27/2012	12			<0 02	U		0.00012	J		<0 002	U		0 037	J		4 8			81			1.9		
		VMP-12-25-072712-Dup	7/27/2012	12			<0 02	U		0.000088	J		<0 002	U		0 035	J		5			81			1.6		
		VMP-12-25-102512	10/25/2012	12			<0.029	U		<0.0029	U		<0.0029	U		0 055	J		0.92			85			1.8		
		VMP-12-25-021513	2/15/2013	12			<0.13	U		0.00025	J		<0.0026	U		<0.13	U		12			74			1.4		
		VMP-12-25-051013	5/10/2013	12			<0.026	U		0.00045	J		<0.0026	U		<0.13	U		22			64			1.4		
		VMP-12-25-081213	8/12/2013	14			<0.028	U		0 0014	J		<0.0028	U		<0.14	U		22			61			2.6		
		VMP-12-25-111413	11/14/2013	12			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0 8			84			3.3		
		VMP-12-25-022814	2/28/2014	12			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.35			84			3.5		
		VMP-12-25-050214	5/2/2014	1.4			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.0004			80			19		
		VMP-12-25-081514	8/15/2014	1.1			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00015	J		79			20		
		VMP-12-25-110714	11/7/2014	0 69			<0.028	U		<0.0028	U		<0.0028	U		0 033	J		0.00011	J		79			20		
		VMP-12-25-021115	2/11/2015	0.42			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00015	J		80			20		
		VMP-12-25-050715	5/7/2015	0.41			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			20		
		VMP-12-25-073115	7/31/2015	0.5			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		80			20		
		VMP-12-25-110415	11/4/2015	0 33			<0.027	U		<0.0027	U		<0.0027	U		0 029	J		<0.00027	U		79			21		
		VMP-12-25-021616	2/16/2016	0 32			<0.025	U		<0.0025	U		<0.0025	U		0 011	J		0.00012	J		79			21		
		VMP-12-25-021616-DUP	2/16/2016	0 32			<0.027	U		<0.0027	U		<0.0027	U		0 013	J		0.00014	J		79			21		
		VMP-12-25-050416	5/4/2016	0.42			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00029			80			20		
		VMP-12-25-080316	8/3/2016	0 67			<0.028	U		<0.0028	U		<0.0028	U		0.0095	J		0.00035			79			20		
		VMP-12-25-103116	10/31/2016	0.75			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00012	J		79			20		
		VMP-12-25-103116-Dup	10/31/2016	0 64			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00018	J		79			20		
	39 ft	VMP-12-39	11/13/2009	14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		32			50			0 95		
		VMP-12-39-041911	4/19/2011	13			<0 03	U		0 0014	J		<0 003	U		0 014	J		42			42			1		
		VMP-12-39-012412	1/24/2012	12			<0.018	U		0 0017	J		<0.0018	U		<0 088	U		49			36			1.1		
		VMP-12-39-041912	4/19/2012	12			<0.018	U		0 0009	J		<0.0018	U		0 082	J		40			46			1		
		VMP-12-39-072612	7/26/2012	12			<0 02	U		0 0005	J		<0 002	U		0 034	J		21			65			1.4		
		VMP-12-39-102412	10/24/2012	14			<0.032	U		0.00078	J		<0.0032	U		0 035			12			72			1.6		
		VMP-12-39-021513	2/15/2013	14			<0.12	U		0.00064	J		<0.0024	U		<0.12	U		26			58			1.5		
		VMP-12-39-051013	5/10/2013	12			<0.025	U		0.00056	J		<0.0025	U		<0.12	U		28			54			4.9		
		VMP-12-39-081213	8/12/2013	13			<0.022	U		0.003			<0.0022	U		<0.11	U		30			51			5.7		
		VMP-12-39-111413	11/14/2013	16			<0.026	U		0.00054	J		<0.0026	U		0 024	J		22			60			1.7		
		VMP-12-39-022814	2/28/2014	14			<0.024	U		0.00022	J		<0.0024	U		<0.12	U		12			70			3.8		
		VMP-12-39-050214	5/2/2014	15			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		12			71			1.4		
		VMP-12-39-081514	8/15/2014	16			<0.031	U		0.00015	J		<0.0031	U		<0.16	U		8.4			74			1.7		
		VMP-12-39-081514-Dup	8/15/2014	16			<0.027	U		0.00015	J		<0.0027	U		<0.13	U		8 2			74			1.6		
		VMP-12-39-110714	11/7/2014	14			<0.027	U		0.00017	J		<0.0027	U		1.5			5.1			76			2.9		
		VMP-12-39-021115	2/11/2015	16			<0.027	U		0.00013	J		<0.0027	U		<0.13	U		3 9			78			1.6		
		VMP-12-39-050715	5/7/2015	14			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		2 9			81			2.1		
		VMP-12-39-050715-DUP	5/7/2015	14			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		2 9			81			2		
		VMP-12-39-061515-Dup-R	6/15/2015	15		J	<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.92		J	82		J	1.8		J
		VMP-12-39-061515-R	6/15/2015	15			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.93			82			1.8		
		VMP-12-39-073115	7/31/2015	15			<0 03	U		0.00019	J		<0 003	U		<0.15	U		4 2			79			1.8		
		VMP-12-39-073115-DUP	7/31/2015	14			<0.033	U		0.00013	J		<0.0033	U		<0.16	U		4 2			79			2		
		VMP-12-39-110415	11/4/2015	16			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		2 2			80			1.7		
		VMP-12-39-020316	2/3/2016	15			<0.024	U		0.00025	J		<0.0024	U		<0.12	U		5.7			78			1.5		
		VMP-12-39-050416	5/4/2016	12			<0.026	U		0.00026	J		<0.0026	U		0 024	J		8			76			3.8		
		VMP-12-39-080316	8/3/2016	13			<0.022	U		0.00019	J		<0.0022	U		0 014	J		7.7			76			2.8		
		VMP-12-39-110316	11/3/2016	15			<0.029	U		0.00019	J		<0.0029	U		<0.14	U		5.7			78			1.8		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	5 ft	VMP-13-5	11/16/2009	14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.82			82			2.5		
		VMP 13-5-091310	9/13/2010	8.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00088			84			7		
		VMP-13-5-120110	12/1/2010	6.1			<0.023	U		<0.0023	U		<0.0023	U		0 047	J		<0.00023	U		81			13		
		VMP-13-5-021811	2/18/2011	3.6			<0.073	U		<0.0073	U		<0.0073	U		0 017	J		0.0048			80			16		
		VMP-13-5-040511	4/5/2011	3.4			<0.055	U		<0.0055	U		<0.0055	U		0 079	J		<0.00055	U		81			16		
		VMP-13-5-080911	8/9/2011	9.1			<0 03	U		<0.003	U		<0 003	U		0.24			0.0095			84			6.5		
		VMP-13-5-080911-DUP	8/9/2011	6.2			<0.026	U		<0.0026	U		<0.0026	U		0.17			0.0061			83			11		
		VMP-13-5-111411	11/14/2011	6.2			<0.018	U		<0.0018	U		<0.0018	U		0.0074	J		0 000065	J		82			12		
		VMP-13-5-012712	1/27/2012	4.6			<0.016	U		<0.0016	U		<0.0016	U		0.0064	J		0 000092	J		81			14		
		VMP-13-5-042012	4/20/2012	3.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000032	J		81			16		
		VMP-13-5-071912	7/19/2012	4.3			<0.024	U		<0.0024	U		<0.0024	U		0.14			0 000083	J		80			16		
		VMP-13-5-071912-Dup	7/19/2012	4.4			<0.024	U		<0.0024	U		<0.0024	U		0 032	J		0 000079	J		80			16		
		VMP-13-5-100912	10/9/2012	2.8			<0.037	U		<0.0037	U		<0.0037	U		0 034	J		0 000091	J		79			18		
		VMP-13-5-012913	1/29/2013	0 24			<0.16	U		<0.0031	U		<0.0031	U		0 091	J		0 000061	J		79			21		
		VMP-13-5-050113	5/1/2013	0 24			<0.027	U		<0.0027	U		<0.0027	U		0.11	J		0 000075	J		80			20		
		VMP-13-5-073113	7/31/2013	0.75			<0.029	U		<0.0029	U		<0.0029	U		0.49			0.00012	J		79			20		
		VMP-13-5-111513	11/15/2013	0.13			<0.028	U		<0.0028	U		<0.0028	U		0.23			0 000089	J		80			20		
		VMP-13-5-022114	2/21/2014	0.11			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			22		
		VMP-13-5-050114	5/1/2014	0 21			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00014	J		79			21		
		VMP-13-5-080814	8/8/2014	0 64			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		79			20		
		VMP-13-5-103014	10/30/2014	0 23			<0.026	U		<0.0026	U		<0.0026	U		0.61			0.0001	J		79			20		
		VMP-13-5-020515	2/5/2015	0.084			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00013	J		80			20		
		VMP-13-5-043015	4/30/2015	0 21			<0.027	U		<0.0027	U		<0.0027	U		0 039	J		<0.00027	U		79			21		
		VMP-13-5-072715	7/27/2015	1.1			<0.028	U		<0.0028	U		<0.0028	U		0 035	J		<0.00028	U		79			20		
		VMP-13-5-110215	11/2/2015	0.42			<0.023	U		<0.0023	U		<0.0023	U		0 018	J		<0.00023	U		78			21		
		VMP-13-5-012616	1/26/2016	0.15			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-13-5-050316	5/3/2016	0.3			<0.027	U		<0.0027	U		<0.0027	U		0 018	J		<0.00027	U		80			20		
		VMP-13-5-072916	7/29/2016	0.76			<0.028	U		<0.0028	U		<0.0028	U		0.12	J		<0.00028	U		79			20		
		VMP-13-5-110216	11/2/2016	0 36			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
	10.5 ft	VMP-13-10 5	11/17/2009	0.14		J	<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0079		J	80			20		
		VMP-13-10 5-D	11/17/2009	0 23		J	<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0 015		J	79			21		
		VMP 13-10.5-091310	9/13/2010	11			<0.049	U		<0.0049	U		<0.0049	U		<0.24	U		0 068			86			3.4		
		VMP 13-10.5-091310-Dup	9/13/2010	11			<0.048	U		<0.0048	U		<0.0048	U		<0.24	U		0 076			85			3.6		
		VMP-13-10 5-120110	12/1/2010	8.6			<0.026	U		<0.0026	U		<0.0026	U		0 028	J		0.00032			82			8.8		
		VMP-13-10 5-120110-DUP	12/1/2010	8.6			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.0003			83			8.7		
		VMP-13-10 5-021811	2/18/2011	12			<0.027	U		0.00022	J		<0.0027	U		<0.13	U		1.1			84			2.5		
		VMP-13-10 5-021811-DUP	2/18/2011	12			<0.026	U		0.00023	J		<0.0026	U		0 021	J		1.1			85			1.9		
		VMP-13-10 5-040511-DUP	4/5/2011	5.9			<0.028	U		<0.0028	U		<0.0028	U		0 023	J		<0.00028	U		83			11		
		VMP-13-10 5-080911	8/9/2011	11			<0 03	U		0.00012	J		<0 003	U		0.0088	J		0.59			87			1.7		
		VMP-13-10 5-111411	11/14/2011	7			<0.018	U		<0.0018	U		<0.0018	U		0.0057	J		0 000084	J		83			10		
		VMP-13-10 5-012712	1/26/2012	5.8			<0.017	U		<0.0017	U		<0.0017	U		0.23			0 000062	J		82			12		
		VMP-13-10 5-012712-DUP	1/26/2012	5.9			<0.018	U		<0.0018	U		<0.0018	U		0.75			0 000064	J		81			12		
		VMP-13-10 5-042012	4/20/2012	4.2			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00005	J		81			15		
		VMP-13-10 5-071912	7/19/2012	5.9			<0.024	U		<0.0024	U		<0.0024	U		0 045	J		0.00005	J		81			13		
		VMP-13-10 5-100912	10/9/2012	3.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	J	U	0 000085	J		78			18		
		VMP-13-10 5-100912-Dup	10/9/2012	3.6			<0.038	U		<0.0038	U		<0.0038	U		0 023	J		0 000066	J		79			17		
		VMP-13-10 5-013013	1/30/2013	0 32			<0.13	U		<0.0025	U		<0.0025	U		0 075	J		0 000075	J		79			21		
		VMP-13-10 5-050113	5/1/2013	0 27			<0.037	U		<0.0037	U		<0.0037	U		0.97			<0.00037	U		80			19		
		VMP-13-10 5-073113	7/31/2013	0 64			<0.018	U		<0.0018	U		<0.0018	U		0.98			0 000051	J		86			12		
		VMP-13-10 5-092013	9/20/2013	0 66			<0.029	U		<0.0029	U		<0.0029	U		0.14	J		<0.00029	U		79			20		
		VMP-13-10 5-111513	11/15/2013	0 23			<0.028	U		<0.0028	U		<0.0028	U		0.29			<0.00028	U		79			20		
		VMP-13-10 5-111513-Dup	11/15/2013	0 21			<0.025	U		<0.0025	U		<0.0025	U		0.22			0.00011	J		78			21		
		VMP-13-10 5-022114	2/21/2014	0.096			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			22		
		VMP-13-10 5-050114	5/1/2014	0 26			<0.022	U		<0.0022	U		<0.0022	U		0.53			0.0022			78			21		
		VMP-13-10 5-080814	8/8/2014	0.75			<0.027	U		<0.0027	U		<0.0027	U		0.43			0 000096	J		79			20		
		VMP-13-10 5-103014	10/30/2014	0.3			<0.025	U		<0.0025	U		<0.0025	U		2.2			0 000095	J		78			20		
		VMP-13-10 5-020515	2/5/2015	0.098			<0.026	U		<0.0026	U		<0.0026	U		0.72			0.0001	J		79			20		
		VMP-13-10 5-043015	4/30/2015	0 24			<0.028	U		<0.0028	U		<0.0028	U		0 068	J		<0.00028	U		79			21		
		VMP-13-10 5-072715	7/27/2015	1			<0.028	U		<0.0028	U		<0.0028	U		0 022	J		<0.00028	U		79			20		
		VMP-13-10 5-110215	11/2/2015	0 53			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-13-10 5-012616	1/26/2016	0.098			<0.026	U		<0.0026	U		<0.0026	U		0 015	J		<0.00026	U		79			21		
		VMP-13-10 5-050316	5/3/2016	0.19			<0.027	U		<0.0027	U		<0.0027	U		0.0071	J		<0.00027	U		79			21		
		VMP-13-10 5-072916	7/29/2016	0.45			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00014	J		80			20		
		VMP-13-10 5-110216	11/2/2016	0.49			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-13	21.5 ft	VMP-13-21 5	11/17/2009	15			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		1 6			81			1.3		
		VMP 13-21.5-091310	9/13/2010	12			<0.024	U		0.00034	J		<0.0024	U		<0.12	U		2			83			2.5		
		VMP-13-21 5-120110	12/1/2010	13			<0.024	U		0.00037	J		<0.0024	U		0.02	J		1 8			83			1.8		
		VMP-13-21 5-021811	2/18/2011	12			<0.025	U		0.00026	J		<0.0025	U		0 027	J		1 2			85			1.9		
		VMP-13-21 5-040511	4/5/2011	7.5			<0.024	U		0 0002	J		<0.0024	U		0 029	J		0.88			83			8.2		
		VMP-13-21 5-080911	8/9/2011	11			<0 03	U		0.00038	J		<0 003	U		0.0062	J		1 9			85			1.6		
		VMP-13-21 5-111411	11/14/2011	11			<0.018	U		0.00026	J		<0.0018	U		0 005	J		1.1			86			1.5		
		VMP-13-21 5-111411-DUP	11/14/2011	11			<0.018	U		0.00025	J		<0.0018	U		0.0038	J		1.1			86			1.5		
		VMP-13-21 5-012712	1/27/2012	12			<0.016	U		0.00012	J		<0.0016	U		<0.08	U		0 5			85			2.8		
		VMP-13-21 5-042012	4/20/2012	10			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 074			82			8.3		
		VMP-13-21 5-071912	7/19/2012	10			<0.025	U		<0.0025	U		<0.0025	U		0 042	J		0.0027			82			7.7		
		VMP-13-21 5-100912	10/9/2012	15			<0 03	U		<0.003	U		<0 003	U		<0 051		U	0.0015			83			2		
		VMP-13-21 5-013013	1/30/2013	1.4			<0.15	U		<0.003	U		<0 003	U		<0.15	U		0.00002	J		79			20		
		VMP-13-21 5-050113	5/1/2013	0.45			<0 03	U		<0.003	U		<0 003	U		0 017	J		<0 0003	U		80			20		
		VMP-13-21 5-073113	7/31/2013	0 68			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-13-21 5-102813	10/28/2013	0 32			<0.027	U		<0.0027	U		<0.0027	U		0 086	J		<0.00027	U		79			21		
		VMP-13-21 5-102813-Dup	10/28/2013	0 32			<0.027	U		<0.0027	U		<0.0027	U		0 098	J		<0.00027	U		79			21		
		VMP-13-21 5-022114	2/21/2014	0.17			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 022			79			21		
		VMP-13-21 5-050114	5/1/2014	0.17			<0.021	U		<0.0021	U		<0.0021	U		0.0086	J		0.00011	J		79			21		
		VMP-13-21 5-080814	8/8/2014	0 57			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-13-21 5-103014	10/30/2014	0 32			<0.024	U		<0.0024	U		<0.0024	U		0.22			<0.00024	U		79			20		
		VMP-13-21 5-020515	2/5/2015	0.12			<0.028	U		<0.0028	U		<0.0028	U		0.13	J		0 000043	J		79			21		
		VMP-13-21 5-043015	4/30/2015	0 26			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		79			21		
		VMP-13-21 5-072715	7/27/2015	0 28			<0.029	U		<0.0029	U		<0.0029	U		0.13	J		<0.00029	U		79			21		
		VMP-13-21 5-112515	11/25/2015	0 22			<0.025	U		<0.0025	U		<0.0025	U		0 032	J		<0.00025	U		79			21		
		VMP-13-21 5-012616	1/26/2016	0 22			<0.025	U		<0.0025	U		<0.0025	U		0 012	J		<0.00025	U		79			21		
		VMP-13-21 5-050316	5/3/2016	0.13			<0.029	U		<0.0029	U		<0.0029	U		0.16			<0.00029	U		79			21		
		VMP-13-21 5-050316-DUP	5/3/2016	0.13			<0.029	U		<0.0029	U		<0.0029	U		0.15			<0.00029	U		79			21		
		VMP-13-21 5-072916	7/29/2016	0 22			<0.029	U		<0.0029	U		<0.0029	U		0 069	J		0.00012	J		80			20		
		VMP-13-21 5-110216	11/2/2016	0.15			<0.025	U		<0.0025	U		<0.0025	U		0.13			0.00017	J		80			20		
	29.5 ft	VMP-13-29 5	11/17/2009	13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		1 6			81			1.7		
		VMP-13-29 5-021811	2/18/2011	13			<0.022	U		0.00052	J		<0.0022	U		0.01	J		1 8			83			1.6		
		VMP-13-29 5-040511	4/5/2011	12			<0.022	U		0.00047	J		<0.0022	U		0.0083	J		2			84			1.7		
		VMP-13-29 5-013012	1/30/2012	12			<0.017	U		0 0002	J		<0.0017	U		0 023	J		0.84			85			2		
		VMP-13-29 5-042012	4/20/2012	12			<0.017	U		0.00014	J		<0.0017	U		0.0058	J		0.4			86			1.5		
		VMP-13-29 5-071912	7/19/2012	13			<0.019	U		0.000073	J		<0.0019	U		0 084	J		0.18			85			1.7		
		VMP-13-29 5-100912	10/9/2012	14			<0 03	U		0.000076	J		<0 003	U		0 042	J		0.19			84			1.5		
		VMP-13-29 5-013013	1/30/2013	5.2			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0.0037			79			16		
		VMP-13-29 5-050113	5/1/2013	2.6			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		0.00015	J		80			17		
		VMP-13-29 5-073113	7/31/2013	0 59			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-13-29 5-102813	10/28/2013	0.42			<0.027	U		<0.0027	U		<0.0027	U		4.7			0.00012	J		75			20		
		VMP-13-29 5-022114	2/21/2014	0.71			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 025			79			20		
		VMP-13-29 5-022114-Dup	2/21/2014	0.71			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0 025			78			21		
		VMP-13-29 5-050114	5/1/2014	0.45			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00028			78			21		
		VMP-13-29 5-080814	8/8/2014	0 69			<0.026	U		<0.0026	U		<0.0026	U		0.52			0.00012	J		79			20		
		VMP-13-29 5-103014	10/30/2014	0 36			<0.024	U		<0.0024	U		<0.0024	U		0.1	J		0 000082	J		80			20		
		VMP-13-29 5-020515	2/5/2015	0.1			<0.024	U		<0.0024	U		<0.0024	U		1.3			0.0001	J		79			20		
		VMP-13-29 5-043015	4/30/2015	0 24			<0.029	U		<0.0029	U		<0.0029	U		0 078	J		<0.00029	U		79			21		
		VMP-13-29 5-072715	7/27/2015	1.1			<0.031	U		<0.0031	U		<0.0031	U		0.12	J		<0.00031	U		79			20		
		VMP-13-29 5-072715-DUP	7/27/2015	1.1			<0.031	U		<0.0031	U		<0.0031	U		0.14	J		<0.00031	U		79			20		
		VMP-13-29 5-110215	11/2/2015	0 55			<0.021	U		<0.0021	U		<0.0021	U		0 028	J		<0.00021	U		78			21		
		VMP-13-29 5-110215-DUP	11/2/2015	0 55			<0.022	U		<0.0022	U		<0.0022	U		0 023	J		<0.00022	U		78			21		
		VMP-13-29 5-012616	1/26/2016	0.088			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			21		
		VMP-13-29 5-050316	5/3/2016	0.15			<0.026	U		<0.0026	U		<0.0026	U		0 019	J		<0.00026	U		79			21		
		VMP-13-29 5-082616-R	8/29/2016	0.46			<0.022	U		<0.0022	U		<0.0022	U		0 031	J		0 000085	J		80			20		
		VMP-13-29 5-110216	11/2/2016	0 86			<0.027	U		<0.0027	U		<0.0027	U		0 022	J		0.00032			80			19		
		VMP-13-29 5-110216-Dup	11/2/2016	0 86			<0.026	U		<0.0026	U		<0.0026	U		0.02	J		0.0003			80			19		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	5 ft	VMP-14-5	11/20/2009	2			<0.026	U		<0.0026	U		<0.0026	U		0.13			0.0013			87			11		
		VMP 14-5-091010	9/10/2010	19			<0.025	U		0 0063			<0.0025	U		0.01	J		10			69			1.8		
		VMP-14-5-120110	12/1/2010	2.6			<0.024	U		<0.0024	U		<0.0024	U		0 025	J		0.00007	J		85			12		
		VMP-14-5-021711	2/17/2011	1.9			<0.026	U		<0.0026	U		<0.0026	U		0 031	J		0 016			93			5		
		VMP-14-5-040511	4/5/2011	2.6			<0.027	U		<0.0027	U		<0.0027	U		0 025	J		0.0022			78			19		
		VMP-14-5-080811	8/8/2011	16			<0.028	U		0 0081			<0.0028	U		0.0098	J		19			62			1.8		
		VMP-14-5-111411	11/14/2011	8.2			<0.018	U		<0.0018	U		<0.0018	U		1.5			0 000018	J		76			14		
		VMP-14-5-042012	4/20/2012	2.9			<0.025	U		<0.0025	U		<0.0025	U		0 026	J		<0.00025	U		79			18		
		VMP-14-5-072312	7/23/2012	8.5			<0.021	U		<0.0021	U		<0.0021	U		0 039	J		<0.00021	U		80			11		
		VMP-14-5-101012	10/10/2012	1.2			<0.029	U		<0.0029	U		<0.0029	U		0.14			0 000042	J		78			21		
		VMP-14-5-013113	1/31/2013	0 09			<0.13	U		<0.0027	U		<0.0027	U		0.15			0 000058	J		79			21		
		VMP-14-5-050113	5/1/2013	0.15			<0.031	U		<0.0031	U		<0.0031	U		0.99			<0.00031	U		78			21		
		VMP-14-5-111113	11/11/2013	0.14			<0.029	U		<0.0029	U		<0.0029	U		0 097	J		<0.00029	U		79			21		
		VMP-14-5-022614	2/26/2014	0.14			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			22		
		VMP-14-5-050114	5/1/2014	0 33			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00011	J		79			21		
		VMP-14-5-081114	8/11/2014	0.76			<0.028	U		<0.0028	U		<0.0028	U		0 011	J		0 000096	J		79			20		
		VMP-14-5-103014	10/30/2014	0 24			<0.025	U		<0.0025	U		<0.0025	U		0 012	J		<0.00025	U		80			20		
		VMP-14-5-020615	2/6/2015	0.11			<0.026	U		<0.0026	U		<0.0026	U		0 067	J		0 000094	J		79			21		
		VMP-14-5-043015	4/30/2015	0 22			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-14-5-072915	7/29/2015	0 58			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-14-5-110215	11/2/2015	0 21			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-14-5-012616	1/26/2016	0.077			<0.027	U		<0.0027	U		<0.0027	U		0 015	J		0.00012	J		79			21		
		VMP-14-5-050316	5/3/2016	0 35			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP14-5-072916	7/29/2016	0 67			<0.028	U		<0.0028	U		<0.0028	U		0.15			0.00014	J		79			20		
		VMP-14-5-110216	11/2/2016	0 24			<0.028	U		<0.0028	U		<0.0028	U		0.23			0.00014	J		80			20		
	11.5 ft	VMP-14-11 5	11/16/2009	12			<0.025	U		0.005			<0.0025	U		<0.12	U		15			71			1.4		
		VMP 14-11.5-091010	9/10/2010	16			<0.023	U		0.01			<0.0023	U		0.0087	J		20			62			1.1		
		VMP-14-11 5-120110	12/2/2010	3.6			<0.025	U		0.001	J		<0.0025	U		0 029	J		2 8			92			1.6		
		VMP-14-11 5-120110-DUP	12/2/2010	3.6			<0.024	U		0.001	J		<0.0024	U		0.0068	J		2 8			92			1.6		
		VMP-14-11 5-021711	2/17/2011	3.6			<0.028	U		<0.0028	U		<0.0028	U		0.0073	J		0.15			93			3		
		VMP-14-11 5-021711-DUP	2/17/2011	3.7			<0.028	U		<0.0028	U		<0.0028	U		0 039	J		0.16			93			2.8		
		VMP-14-11 5-040511	4/5/2011	11			<0.027	U		<0.0027	U		<0.0027	U		0 028	J		0.0024			79			10		
		VMP-14-11 5-080811	8/8/2011	18			<0.028	U		0 0021	J		<0.0028	U		0.01	J		4 5			76			1.6		
		VMP-14-11 5-111511	11/15/2011	14			<0.017	U		0.001	J		<0.0017	U		0.25			3.4			81			1.6		
		VMP-14-11 5-012612	1/26/2012	4.2			<0.018	U		0.00082	J		<0.0018	U		<0 088	U		4 5			88			3.3		
		VMP-14-11 5-042312	4/23/2012	4.5			<0.024	U		<0.0024	U		<0.0024	U		0.11	J		0.0001	J		85			10		
		VMP-14-11 5-042312-Dup	4/23/2012	4.1			<0 03	U		<0.003	U		<0 003	U		0 085	J		0.00011	J		84			12		
		VMP-14-11 5-072512	7/25/2012	15			<0.019	U		0.00035	J		<0.0019	U		0 032	J		2			82			1.4		
		VMP-14-11 5-101012	10/10/2012	6.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	J	U	0 000072	J		74			19		
		VMP-14-11 5-013113	1/31/2013	0.42			<0.13	U		<0.0026	U		<0.0026	U		0 042	J		<0.00026	U		80			20		
		VMP-14-11 5-050113	5/1/2013	0.46			<0 04	U		<0.004	U		<0 004	U		<0 2	U		<0 0004	U		76			24		
		VMP-14-11 5-080113	8/1/2013	0 55			<0.033	U		<0.0033	U		<0.0033	U		0.28			0 000074	J		79			20		
		VMP-14-11 5-111113	11/11/2013	0.19			<0.028	U		<0.0028	U		<0.0028	U		0 032	J		<0.00028	U		80			20		
		VMP-14-11 5-022614	2/26/2014	0 26			<0.025	U		<0.0025	U		<0.0025	U		0.0073	J		<0.00025	U		79			21		
		VMP-14-11 5-050114	5/1/2014	0.44			<0.024	U		<0.0024	U		<0.0024	U		0 011	J		<0.00024	U		78			21		
		VMP-14-11 5-081114	8/11/2014	0.76			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00011	J		79			20		
		VMP-14-11 5-103014	10/30/2014	0 29			<0.025	U		<0.0025	U		<0.0025	U		0 027	J		<0.00025	U		80			20		
		VMP-14-11 5-020615	2/6/2015	0.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0 000066	J		79			21		
		VMP-14-11 5-043015	4/30/2015	0 25			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			20		
		VMP-14-11 5-072915	7/29/2015	0.7			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			20		
		VMP-14-11 5-110215	11/2/2015	0 25			<0.026	U		<0.0026	U		<0.0026	U		0 018	J		<0.00026	U		79			21		
		VMP-14-11 5-012616	1/26/2016	0.1	J		<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000098	J		79			21		
		VMP-14-11 5-050316	5/3/2016	0 33			<0.028	U		<0.0028	U		<0.0028	U		2.3			<0.00028	U		77			20		
		VMP-14-11 5-072916	7/29/2016	0 63			<0 03	U		<0.003	U		<0 003	U		1.2			0.00015	J		79			19		
		VMP-14-11 5-110216	11/2/2016	0 21			<0.029	U		<0.0029	U		<0.0029	U		0.86			0.00014	J		79			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-14	20 ft	VMP-14-20	11/16/2009	18			<0.024	U		0 0062			<0.0024	U		<0.12	U		18			60			1.3		
		VMP 14-20-091010	9/10/2010	17			<0.023	U		0.012			<0.0023	U		<0.12	U		22			57			0 97		
		VMP 14-20-091010-Dup	9/10/2010	17			<0.024	U		0.011			<0.0024	U		<0.12	U		22			57			1.1		
		VMP-14-20-120110	12/2/2010	18			<0.024	U		0 0047			<0.0024	U		0.0053	J		19			59			1.2		
		VMP-14-20-021811	2/18/2011	16			<0.027	U		0 0058			<0.0027	U		0 025	J		13			67			1.7		
		VMP-14-20-040511	4/5/2011	14			<0.053	U		0.006			<0.0053	U		0 028	J		12			68			4		
		VMP-14-20-080811	8/8/2011	16			<0.028	U		0 0088			<0.0028	U		1.2			21			58			1.8		
		VMP-14-20-111511	11/15/2011	18			<0.018	U		0.006			<0.0018	U		0 013	J		17			62			1.2		
		VMP-14-20-012612	1/26/2012	17			<0.018	U		0 0037			<0.0018	U		<0 088	U		12			68			1.4		
		VMP-14-20-042312	4/23/2012	15			<0.019	U		0 0021			<0.0019	U		0.0094	J		7.4			74			2.1		
		VMP-14-20-072512	7/25/2012	14			<0.018	U		0 0014	J		<0.0018	U		0 024	J		5.7			76			3		
		VMP-14-20-101612	10/16/2012	18			<0.028	U		0.00081	J		<0.0028	U		0 061	J		5.4			74			1.4		
		VMP-14-20-013113	1/31/2013	10			<0.13	U		0.00036	J		<0.0025	U		0 019	J		2 6			80			7.1		
		VMP-14-20-013113-DUP	1/31/2013	10			<0.12	U		0.00036	J		<0.0024	U		<0.12	U		2 6			80			7		
		VMP-14-20-050113	5/1/2013	1.2			<0 03	U		<0.003	U		<0 003	U		0 044	J		0 041		J	79			20		
		VMP-14-20-050113-Dup	5/1/2013	1.3			<0 03	U		<0.003	U		<0 003	U		0.05	J		0 094		J	78			20		
		VMP-14-20-080113	8/1/2013	0 84			<0.031	U		<0.0031	U		<0.0031	U		1.8			0.0014			78			20		
		VMP-14-20-111113	11/11/2013	5.5			<0.027	U		<0.0027	U		<0.0027	U		0.1	J		0.0065			82			12		
		VMP-14-20-022614	2/26/2014	4.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0034			80			16		
		VMP-14-20-050114	5/1/2014	3.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0025			80			16		
		VMP-14-20-081114	8/11/2014	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00093			79			19		
		VMP-14-20-103014	10/30/2014	4.1			<0.025	U		<0.0025	U		<0.0025	U		0.26			0.0016			82			14		
		VMP-14-20-020615	2/6/2015	2.2			<0.027	U		<0.0027	U		<0.0027	U		0 023	J		0.00076			81			17		
		VMP-14-20-043015	4/30/2015	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00035			80			19		
		VMP-14-20-072915	7/29/2015	2.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0021			81			17		
		VMP-14-20-110215	11/2/2015	1.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00051			79			20		
		VMP-14-20-012616	1/26/2016	2.7			<0.025	U		<0.0025	U		<0.0025	U		0 021	J		0.00034			79			18		
		VMP-14-20-050416	5/4/2016	4.6			<0.027	U		<0.0027	U		<0.0027	U		0 021	J		0.0007			81			14		
		VMP-14-20-072916	7/29/2016	2.6			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		0.00065			80			17		
	29 ft	VMP-14-29	11/16/2009	17			<0.023	U		0 0073			<0.0023	U		<0.12	U		18			60			1		
		VMP-14-29-021811	2/18/2011	16			<0.026	U		0 0062			<0.0026	U		0.61			13			66			1.6		
		VMP-14-29-040511	4/5/2011	16			<0.028	U		0 0058			<0.0028	U		0 025	J		13			67			1.3		
		VMP-14-29-012612	1/26/2012	17			<0.016	U		0 0039			<0.0016	U		<0 082	U		12			68			1.3		
		VMP-14-29-042312	4/23/2012	15			<0.018	U		0 0023			<0.0018	U		0.0071	J		7.4			75			1.4		
		VMP-14-29-072512	7/25/2012	15			<0.019	U		0 0017	J		<0.0019	U		0 045	J		6 2			76			1.2		
		VMP-14-29-101612	10/16/2012	17			<0.028	U		0 0012	J		<0.0028	U		0 041	J		5 5			75			1.6		
		VMP-14-29-013113	1/31/2013	15			<0.12	U		0 0013	J		<0.0025	U		<0.12	U		5 5			76			1.5		
		VMP-14-29-050213	5/2/2013	12			<0 03	U		0 0039			<0 003	U		<0.15	U		10			76			1.5		
		VMP-14-29-080113	8/1/2013	10			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0 049			86			3.4		
		VMP-14-29-111113	11/11/2013	12			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 048			83			4.7		
		VMP-14-29-022614	2/26/2014	14			<0.023	U		<0.0023	U		<0.0023	U		0.23			0 074			84			1.6		
		VMP-14-29-022614-Dup	2/26/2014	14			<0.025	U		<0.0025	U		<0.0025	U		0 013	J		0 076			84			1.6		
		VMP-14-29-050114	5/1/2014	14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 012			84			1.6		
		VMP-14-29-050114-Dup	5/1/2014	14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 013			84			1.6		
		VMP-14-29-081114	8/11/2014	14			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0065			84			2.1		
		VMP-14-29-081114-DUP	8/11/2014	14			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0066			84			2.1		
		VMP-14-29-103014	10/30/2014	15			<0.024	U		<0.0024	U		<0.0024	U		0 045	J		0.0081			82			2.8		
		VMP-14-29-020615	2/6/2015	6.4			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00052			82			12		
		VMP-14-29-043015	4/30/2015	6.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00031			82			11		
		VMP-14-29-043015-DUP	4/30/2015	5.9			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		0.00028			81			13		
		VMP-14-29-072915	7/29/2015	7.4			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00067			82			11		
		VMP-14-29-110215	11/2/2015	5.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00055			80			15		
		VMP-14-29-012616	1/26/2016	12			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0 036			84			4.3		
		VMP-14-29-012616-DUP	1/26/2016	13			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0 037			82			4.4		
		VMP-14-29-050316	5/3/2016	0 28			<0.029	U		<0.0029	U		<0.0029	U		2			<0.00029	U		78			20		
		VMP-14-29-072916	7/29/2016	0 64		J	<0 03	U		<0.003	U		<0 003	U		1.3		J	0.00013	J		79			19		
		VMP-14-29-072916-DUP	7/29/2016	0.49		J	<0.023	U		<0.0023	U		<0.0023	U		0.95		J	0.00013	J		78			20		
		VMP-14-29-110216	11/2/2016	0 26			<0.028	U		<0.0028	U		<0.0028	U		0.0077	J		<0.00028	U		80			20		

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CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	5 ft	VMP-15-5	11/18/2009	13			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		82			4.8		
		VMP-15-5-D	11/18/2009	13			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		82			4.8		
		VMP 15-5-091410	9/14/2010	17			<0.025	U		<0.0025	U		<0.0025	U		<0.13	J	U	0.00012	J		80			3		
		VMP-15-5-113010	11/30/2010	15			<0.024	U		0.00077	J		<0.0024	U		0.04	J		1 3			82			1.5		
		VMP-15-5-021611	2/16/2011	10			<0.028	U		<0.0028	U		<0.0028	U		0 022	J		0 069			85			4.9		
		VMP-15-5-042011	4/20/2011	15			<0.026	U		<0.0026	U		<0.0026	U		0.04	J		0 056			83			1.9		
		VMP-15-5-080811	8/8/2011	14			<0.023	U		<0.0023	U		<0.0023	U		0 013	J		0.00011	J		78			7.6		
		VMP-15-5-111511	11/15/2011	11			<0.017	U		<0.0017	U		<0.0017	U		0.0082	J		0 000091	J		82			6.6		
		VMP-15-5-020112	2/1/2012	9.2			<0.017	U		<0.0017	U		<0.0017	U		<0 086	U		<0.00017	U		90			9.8		
		VMP-15-5-042412	4/24/2012	11			<0.023	U		<0.0023	U		<0.0023	U		0.02	J		0.0036			82			6.6		
		VMP-15-5-072512	7/25/2012	12			<0 02	U		<0.002	U		<0 002	U		<0 098	U		0 000068	J		78			10		
		VMP-15-5-102512	10/25/2012	8.5			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0 000053	J		82			10		
		VMP-15-5-020513	2/5/2013	6.7			<0.14	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		83			10		
		VMP-15-5-050913	5/9/2013	4.1			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		0.00041			86			9.6		
		VMP-15-5-080813	8/8/2013	13			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		83			3.8		
		VMP-15-5-111113	11/11/2013	9.5			<0.025	U		<0.0025	U		<0.0025	U		0.12	J		<0.00025	U		84			6.4		
		VMP-15-5-022714	2/27/2014	6.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			14		
		VMP-15-5-050514	5/5/2014	4.9			<0.028	U		<0.0028	U		<0.0028	U		0.0095	J		<0.00028	U		83			12		
		VMP-15-5-081414	8/14/2014	8.9			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		80			11		
		VMP-15-5-110614	11/6/2014	3.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		84			12		
		VMP-15-5-020615	2/6/2015	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000019	J		82			16		
		VMP-15-5-050415	5/4/2015	3.5			<0.024	U		<0.0024	U		<0.0024	U		0.2			<0.00024	U		82			14		
		VMP-15-5-072915	7/29/2015	12			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		82			6.4		
		VMP-15-5-110415	11/4/2015	5.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			16		
		VMP-15-5-020316	2/3/2016	3.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 3			80			16		
		VMP-15-5-050316	5/3/2016	2.8			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		85			12		
		VMP-15-5-080216	8/2/2016	7.7			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			12		
		VMP-15-5-110116	11/1/2016	3.6			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			16		
	21.5 ft	VMP-15-21 5	11/18/2009	18			<0.023	U		0.012			<0.0023	U		<0.11	U		19			60			1.2		
		VMP 15-21.5-091410	9/14/2010	17			<0.025	U		0.012			<0.0025	U		1			13			66			2.3		
		VMP-15-21 5-113010	11/30/2010	19			<0.024	U		0 0085			<0.0024	U		0.22			11			68			1.3		
		VMP-15-21 5-021611	2/16/2011	18			<0.027	U		0 0034			<0.0027	U		0.0097	J		5.4			75			1.6		
		VMP-15-21 5-042011	4/20/2011	18			<0.028	U		0 0055			<0.0028	U		0 022	J		8 3			72			1.5		
		VMP-15-21 5-080811	8/8/2011	19			<0.028	U		0.013			<0.0028	U		0 016	J		16			64			1.3		
		VMP-15-21 5-111511	11/15/2011	16			<0.017	U		0 0021			<0.0017	U		0.0053	J		3 9			78			1.6		
		VMP-15-21 5-020112	2/1/2012	15			<0.017	U		0 0013	J		<0.0017	U		<0 084	U		2 2			79			3.8		
		VMP-15-21 5-042412	4/24/2012	17			<0.018	U		0.00051	J		<0.0018	U		0.0094	J		1.1			80			1.7		
		VMP-15-21 5-072512	7/25/2012	16			<0.021	U		0.00076	J		<0.0021	U		0 011	J		1 6			81			1.5		
		VMP-15-21 5-102512	10/25/2012	16			<0 03	U		0 0006	J		<0 003	U		<0.15	U		1 3			81			1.4		
		VMP-15-21 5-102512-Dup	10/25/2012	15			<0.031	U		0.00063	J		<0.0031	U		<0.16	U		1.4			82			1.6		
		VMP-15-21 5-020713	2/7/2013	15			<0.14	U		<0.0028	U		<0.0028	U		0.14			0 044			83			1.8		
		VMP-15-21 5-051513	5/15/2013	11			<0 03	U		0 0018	J		<0 003	U		0 022	J		3 8			83			2.4		
		VMP-15-21 5-080813	8/8/2013	10			<0.028	U		0 0038			<0.0028	U		<0.14	U		5 5			82			2.3		
		VMP-15-21 5-111113	11/11/2013	14			<0.025	U		<0.0025	U		<0.0025	U		0 027	J		0.0022			84			1.8		
		VMP-15-21 5-111113-Dup	11/11/2013	14			<0.026	U		<0.0026	U		<0.0026	U		0.0099	J		0.0024			84			1.7		
		VMP-15-21 5-022714	2/27/2014	11			<0.024	U		<0.0024	U		<0.0024	U		0 026	J		0.00024			86			2.7		
		VMP-15-21 5-050514	5/5/2014	3.8			<0.022	U		<0.0022	U		<0.0022	U		0.0092	J		0.00021	J		82			14		
		VMP-15-21 5-081414	8/14/2014	11			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.1			87			1.8		
		VMP-15-21 5-110614	11/6/2014	11			<0.024	U		<0.0024	U		<0.0024	U		0.19			0 042			86			3.1		
		VMP-15-21 5-020615	2/6/2015	11			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0 000094	J		86			2.7		
		VMP-15-21 5-050415	5/4/2015	8.8			<0.025	U		<0.0025	U		<0.0025	U		0.24			<0.00025	U		86			5.1		
		VMP-15-21 5-072915	7/29/2015	11			<0.032	U		0 0016	J		<0.0032	U		<0.16	U		4 6			83			1.8		
		VMP-15-21 5-110415	11/4/2015	12			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		82			5.9		
		VMP-15-21 5-020316	2/3/2016	14			<0.026	U		0 0033			<0.0026	U		<0.13	U		9 5			75			1.8		
		VMP-15-21 5-050316	5/3/2016	10			<0.021	U		<0.0021	U		<0.0021	U		0 024	J		0.00017	J		84			6.4		
		VMP-15-21 5-080216	8/2/2016	14			<0.026	U		0 0017	J		<0.0026	U		<0.13	U		7 5			76			2.2		
		VMP-15-21 5-110116	11/1/2016	15			<0.024	U		0.00067	J		<0.0024	U		<0.12	U		8.4			75			1.8		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-15	25.5 ft	VMP-15-25 5	11/18/2009	17			<0.024	U		0.014			<0.0024	U		<0.12	U		20			60			1.1		
		VMP 15-25.5-091410	9/14/2010	7.1			<0.067	U		<0.0067	U		<0.0067	U		5.3			0 013			74			14		
		VMP-15-25 5-021611	2/16/2011	7.6			<0.026	U		0 0004	J		<0.0026	U		4.3			0 6			79			8.5		
		VMP-15-25 5-042011	4/20/2011	3.9			<0.028	U		<0.0028	U		<0.0028	U		9.9			0.0012			71			15		
		VMP-15-25 5-042011-DUP	4/20/2011	3.7			<0.026	U		<0.0026	U		<0.0026	U		9.5			0.0071			72			15		
		VMP-15-25 5-080811	8/8/2011	15			<0.028	U		<0.0028	U		<0.0028	U		3.6			0.0036			75			5.9		
		VMP-15-25 5-111511	11/15/2011	5			<0.017	U		<0.0017	U		<0.0017	U		4.1			0 012			78			13		
		VMP-15-25 5-073112	7/31/2012	7.1			<0.018	U		<0.0018	U		<0.0018	U		0 036	J		0 051			81			12		
		VMP-15-25 5-102512	10/25/2012	3.2			<0.037	U		<0.0037	U		<0.0037	U		0.62			0.0077			71	J		25	J	
		VMP-15-25 5-021213	2/12/2013	16			<0.13	U		0.00051	J		<0.0027	U		<0.13	U		0.87			81			1.6		
		VMP-15-25 5-050913	5/9/2013	14			<0 03	U		0 0023	J		<0 003	U		0 067	J		4.4			80			1.5		
		VMP-15-25 5-080813	8/8/2013	7.2			<0.028	U		<0.0028	U		<0.0028	U		0.12	J		0.0075			81			12		
		VMP-15-25 5-111113	11/11/2013	5.1			<0.026	U		<0.0026	U		<0.0026	U		0.2			0.00028			82			13		
		VMP-15-25 5-022714	2/27/2014	3.8			<0.024	U		<0.0024	U		<0.0024	U		0.17			0.0013			79			17		
		VMP-15-25 5-050514	5/5/2014	5.7			<0.024	U		<0.0024	U		<0.0024	U		0 022	J		0.0031			83			11		
		VMP-15-25 5-081414	8/14/2014	12			<0 03	U		0.00012	J		<0 003	U		0 025	J		0.21			86			1.5		
		VMP-15-25 5-110614	11/6/2014	13			<0.024	U		<0.0024	U		<0.0024	U		0.36			0 048			84			2.2		
		VMP-15-25 5-110614-DUP	11/6/2014	13			<0.025	U		<0.0025	U		<0.0025	U		0.4			0 048			84			2.1		
		VMP-15-25 5-020615	2/6/2015	11			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 018			86			3.2		
		VMP-15-25 5-050415	5/4/2015	12			<0.027	U		<0.0027	U		<0.0027	U		0.19			0.00026	J		83			4.6		
		VMP-15-25 5-072915	7/29/2015	13			<0.028	U		0 0021	J		<0.0028	U		<0.14	U		5			80			2.1		
		VMP-15-25 5-110415	11/4/2015	12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		81			7.1		
		VMP-15-25 5-020316	2/3/2016	15			<0.028	U		0 0037			<0.0028	U		<0.14	U		9 3			73			2.5		
		VMP-15-25 5-050316	5/3/2016	15			<0.027	U		0.00025	J		<0.0027	U		<0.14	U		0.68			83			1.5		
		VMP-15-25 5-080216	8/2/2016	14			<0.028	U		0 0035			<0.0028	U		<0.14	U		8 3			75			3		
		VMP-15-25 5-110116	11/1/2016	16			<0.027	U		0 0039			<0.0027	U		<0.14	U		9 5			73			1.8		
		VMP-15-25 5-110116-Dup	11/1/2016	16			<0.028	U		0.004			<0.0028	U		<0.14	U		9 5			73			1.8		
	29 ft	VMP-15-29	11/19/2009	17			<0.024	U		0.014			<0.0024	U		<0.12	U		20			60			1.2		
		VMP-15-29-073112	7/31/2012	10			<0 02	U		0.00038	J		<0 002	U		2.5			0.7			80			6.9		
		VMP-15-29-102512	10/25/2012	3.4			<0.031	U		<0.0031	U		<0.0031	U		1.6			0 015			79			16		
		VMP-15-29-021213	2/12/2013	13			<0.13	U		0.00039	J		<0.0027	U		0.2			0.64			82			4.1		
		VMP-15-29-050913	5/9/2013	5.7			<0 03	U		0.00047	J		<0 003	U		2			0.84			85			6.1		
		VMP-15-29-080813	8/8/2013	7.9			<0.028	U		<0.0028	U		<0.0028	U		0.12	J		0.00098			82			10		
		VMP-15-29-111113	11/11/2013	6.3			<0.027	U		<0.0027	U		<0.0027	U		0.24			0 013			82			11		
		VMP-15-29-022714	2/27/2014	1.9			<0.024	U		<0.0024	U		<0.0024	U		0.24			<0.00024	U		78			20		
		VMP-15-29-022714-Dup	2/27/2014	1.9			<0.024	U		<0.0024	U		<0.0024	U		0.23			<0.00024	U		78			20		
		VMP-15-29-081414	8/14/2014	12			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.13			86			1.5		
		VMP-15-29-110614	11/6/2014	12			<0.028	U		<0.0028	U		<0.0028	U		0.0082	J		0 035			85			3		
		VMP-15-29-020615	2/6/2015	9.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 008			83			7		
		VMP-15-29-020615-DUP	2/6/2015	9.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0076			83			7.6		
		VMP-15-29-050415	5/4/2015	12			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00023	J		83			5		
		VMP-15-29-072915	7/29/2015	14			<0.032	U		0 0022	J		<0.0032	U		<0.16	U		5.4			79			1.9		
		VMP-15-29-072915-DUP	7/29/2015	14			<0.026	U		0 0022	J		<0.0026	U		<0.13	U		5 3			79			1.9		
		VMP-15-29-110415	11/4/2015	11			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			9.2		
		VMP-15-29-020316	2/3/2016	15			<0.027	U		0 0038			<0.0027	U		<0.13	U		9.1			73			2.8		
		VMP-15-29-050316	5/3/2016	15			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.17			83			1.5		
		VMP-15-29-080216	8/2/2016	16			<0.027	U		0 0037			<0.0027	U		<0.13	U		8.7			74			1.5		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	5 ft	VMP-16-5	11/20/2009	0.12			<0.025	U		<0.0025	U		<0.0025	U		38			<0.00025	U		49			13		
		VMP-16-5-090210	9/2/2010	18			<0.024	U		0 0014	J		<0.0024	U		0 032	J		43			38			1		
		VMP-16-5-112910	11/29/2010	12			<0.022	U		0 0008	J		<0.0022	U		0.1	J		32			48			7.3		
		VMP-16-5-021511	2/15/2011	15			<0.026	U		0.00093	J		<0.0026	U		0.03	J		43			40			1		
		VMP-16-5-042211	4/22/2011	17			<0.026	U		0.001	J		<0.0026	U		0.04	J		48			33			1.1		
		VMP-16-5-080511	8/5/2011	13			<0.028	U		0.00012	J		<0.0028	U		0.69			4 2			78			3.9		
		VMP-16-5-042512	4/25/2012	17			<0.019	U		0.00065	J		<0.0019	U		0.0089	J		24			57			1.1		
		VMP-16-5-073012	7/30/2012	20			<0.018	U		0.00023	J		<0.0018	U		<0.09	U		6 8			71			1.3		
		VMP-16-5-102512	10/25/2012	11			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		1.1			82			5.5		
		VMP-16-5-021413	2/14/2013	4.1			<0.13	U		<0.0026	U		<0.0026	U		0.26			0.0001	J		80			16		
		VMP-16-5-042313	4/23/2013	10			<0.025	U		<0.0025	U		<0.0025	U		0.24			0.00038			77			13		
		VMP-16-5-081313	8/13/2013	5.3			<0.029	U		<0.0029	U		<0.0029	U		0.26			0.00018	J		80			15		
		VMP-16-5-111513	11/15/2013	3.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			15		
		VMP-16-5-030614	3/6/2014	2.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			17		
		VMP-16-5-050214	5/2/2014	1.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-16-5-081514	8/15/2014	3.5			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00026	J		80			17		
		VMP-16-5-110714	11/7/2014	2.4			<0.024	U		<0.0024	U		<0.0024	U		0 058	J		0 000084	J		81			17		
		VMP-16-5-021115	2/11/2015	0 91			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000038	J		80			19		
		VMP-16-5-050715	5/7/2015	0.43			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.0002	J		80			20		
		VMP-16-5-073115	7/31/2015	2.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00018	J		80			17		
		VMP-16-5-110415	11/4/2015	1.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-16-5-020316	2/3/2016	0.41			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0 000089	J		80			20		
		VMP-16-5-050416	5/4/2016	0.75			<0.027	U		<0.0027	U		<0.0027	U		0.0065	J		0 000089	J		79			20		
		VMP-16-5-080316	8/3/2016	1.6			<0.023	U		<0.0023	U		<0.0023	U		0.0096	J		0.00022	J		79			19		
		VMP-16-5-103116	10/31/2016	2.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			17		
	13.5 ft	VMP-16-13 5	11/19/2009	0.79			<0.024	U		<0.0024	U		<0.0024	U		24			0.1			58			17		
		VMP-16-13 5-090210	9/2/2010	19			<0.025	U		0 0014	J		<0.0025	U		<0.12	J	U	46			34			0.78		J
		VMP-16-13 5-090210-DUP	9/2/2010	18			<0.025	U		0 0014	J		<0.0025	U		<0.12	J	U	45			35			2		J
		VMP-16-13 5-112910	11/29/2010	17			<0.022	U		0 0012	J		<0.0022	U		0 011	J		50			31			0 84		
		VMP-16-13 5-021611	2/16/2011	15			<0.027	U		0.00087	J		<0.0027	U		0 013	J		37			46			1.1		
		VMP-16-13 5-021611-DUP	2/16/2011	14			<0.026	U		0.00084	J		<0.0026	U		0 039	J		36			49			1.1		
		VMP-16-13 5-042211	4/22/2011	16			<0.028	U		0.00099	J		<0.0028	U		0 064	J		48			33			0 93		
		VMP-16-13 5-080511	8/5/2011	8.4		J	<0.028	U	UJ	<0.0028	U	UJ	<0.0028	U	UJ	6.4		J	1.1		J	74		J	9.6		J
		VMP-16-13 5-042512	4/25/2012	16			<0.018	U		0.001	J		<0.0018	U		0.0078	J		46			36			1.4		
		VMP-16-13 5-073012	7/30/2012	18			<0.018	U		0.00063	J		<0.0018	U		<0 092	U		21			59			1.1		
		VMP-16-13 5-102512	10/25/2012	16			<0.028	U		0.00051	J		<0.0028	U		<0.14	U		16			68			1.3		
		VMP-16-13 5-021413	2/14/2013	13			<0.13	U		0 0003	J		<0.0027	U		<0.13	U		9 2			76			1.3		
		VMP-16-13 5-042313	4/23/2013	14			<0.026	U		0.00056	J		<0.0026	U		<0.13	U		20			64			1.5		
		VMP-16-13 5-081313	8/13/2013	18			<0.029	U		<0.0029	U		<0.0029	U		0 058	J		2			78			1.6		
		VMP-16-13 5-081313-Dup	8/13/2013	18			<0.029	U		<0.0029	U		<0.0029	U		0 061	J		1 9			78			1.8		
		VMP-16-13 5-111513	11/15/2013	14			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.83			83			1.5		
		VMP-16-13 5-030614	3/6/2014	12			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		1 2			85			1.6		
		VMP-16-13 5-050214	5/2/2014	13		J	<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.45		J	84			2.3		J
		VMP-16-13 5-050214-Dup	5/2/2014	7.3		J	<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.25		J	81			11		J
		VMP-16-13 5-081514	8/15/2014	16			<0.028	U		0.00018	J		<0.0028	U		<0.14	U		0.31			82			1.5		
		VMP-16-13 5-110714	11/7/2014	15			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.75			82			1.7		
		VMP-16-13 5-110714-DUP	11/7/2014	15			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.75			82			1.6		
		VMP-16-13 5-021115	2/11/2015	12			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.12			86			1.5		
		VMP-16-13 5-050715	5/7/2015	13			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.62			84			2.6		
		VMP-16-13 5-073115	7/31/2015	16			<0.028	U		<0.0028	U		<0.0028	U		0 014	J		0 2			81			2		
		VMP-16-13 5-110415	11/4/2015	15			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 066			83			1.8		
		VMP-16-13 5-020316	2/3/2016	12			<0.026	U		<0.0026	U		<0.0026	U		0 023	J		0 028			85			2.5		
		VMP-16-13 5-052516-R	5/25/2016	13			<0.027	U		<0.0027	U		<0.0027	U		0 026	J		0.21			84			3		
		VMP-16-13 5-080316	8/3/2016	16			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.79			81			1.8		
		VMP-16-13 5-103116	10/31/2016	16			<0.028	U		<0.0028	U		<0.0028	U		0.0061	J		0.48			82			1.6		

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CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-16	19 ft	VMP-16-19	11/19/2009	2.2			<0.026	U		<0.0026	U		<0.0026	U		14			3 9			65			15		
		VMP-16-19-090210	9/2/2010	19			<0.025	U		0 0014	J		<0.0025	U		<0.12	U		51			28			0.73		
		VMP-16-19-112910	11/29/2010	17			<0.022	U		0 0012	J		<0.0022	U		0 014	J		51			29			1.5		
		VMP-16-19-021611	2/16/2011	14			<0.026	U		0 0009	J		<0.0026	U		0 016	J		40			44			1.3		
		VMP-16-19-042711	4/27/2011	16			<0.026	U		0.00071	J		<0.0026	U		3.4			33			46			1.2		
		VMP-16-19-042711-DUP	4/27/2011	15			<0.026	U		0.00071	J		<0.0026	U		3.6			31			48			1.9		
		VMP-16-19-042512	4/25/2012	16			<0.021	U		0 0011	J		<0.0021	U		0.0079	J		50			32			0 87		
		VMP-16-19-073012	7/30/2012	14			<0.016	U		0.00086	J		<0.0016	U		<0 079	U		32			49			4		
		VMP-16-19-102512	10/25/2012	16			<0.026	U		0.00096	J		<0.0026	U		<0.13	U		32			51			1		
		VMP-16-19-021413	2/14/2013	14			<0.13	U		0.00076	J		<0.0026	U		<0.13	U		26			59			1.2		
		VMP-16-19-042313	4/23/2013	15			<0.024	U		0.00054	J		<0.0024	U		<0.12	U		23			60			1.2		
		VMP-16-19-081313	8/13/2013	16			<0.028	U		0.00028	J		<0.0028	U		<0.14	U		13			70			1.3		
		VMP-16-19-111513	11/15/2013	16			<0.026	U		0.00025	J		<0.0026	U		0 024	J		7 2			74			1.4		
		VMP-16-19-111513-Dup	11/15/2013	16			<0.026	U		0.00023	J		<0.0026	U		0 023	J		7 3			74			1.4		
		VMP-16-19-030614	3/6/2014	14			<0.024	U		0.00013	J		<0.0024	U		<0.12	U		5 2			78			1.5		
		VMP-16-19-050214	5/2/2014	14			<0.026	U		0.00011	J		<0.0026	U		<0.13	U		5			78			2.1		
		VMP-16-19-081514	8/15/2014	16			<0.026	U		0.00011	J		<0.0026	U		<0.13	U		3 8			78			1.4		
		VMP-16-19-110714	11/7/2014	8.6		J	<0.024	U	UJ	<0.0024	U	UJ	<0.0024	U	UJ	7.3		J	1 3		J	72		J	9.5		J
		VMP-16-19-120214-R	12/2/2014	16			<0.027	U		0.000093	J		<0.0027	U		0 014	J		2.1			80			1.5		
		VMP-16-19-021115	2/11/2015	14			<0.027	U		0.000097	J		<0.0027	U		<0.14	U		2 3			82			1.6		
		VMP-16-19-050715	5/7/2015	13			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		2			83			1.4		
		VMP-16-19-073115	7/31/2015	15			<0.029	U		<0.0029	U		<0.0029	U		0 029	J		1			81			2.3		
		VMP-16-19-110415	11/4/2015	17			<0.028	U		<0.0028	U		<0.0028	U		0 026	J		1.1			80			1.8		
		VMP-16-19-020316	2/3/2016	14			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.92			83			1.8		
		VMP-16-19-050416	5/4/2016	14			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		1 5			82			1.7		
		VMP-16-19-080316	8/3/2016	13			<0 03	U		<0.003	U		<0 003	U		0 065	J		1.1			82			3.9		
		VMP-16-19-103116	10/31/2016	14			<0.026	U		<0.0026	U		<0.0026	U		0.42			2 2			78			5		
	31 ft	VMP-16-31	11/19/2009	4			<0.023	U		<0.0023	U		<0.0023	U		8.7			12			66			9.2		
		VMP-16-31-D	11/19/2009	3.7			<0.023	U		<0.0023	U		<0.0023	U		8.4			11			67			9.4		
		VMP-16-31-090310	9/3/2010	0 09			<0.061	U		<0.0061	U		<0.0061	U		22			0.00046	J		62			16		
		VMP-16-31-112910	11/29/2010	17			<0.022	U		0 0012	J		<0.0022	U		0 034	J		51			29			1.2		
		VMP-16-31-042512	4/25/2012	16			<0.021	U		0 0011	J		<0.0021	U		0.0098	J		51			31			0 94		
		VMP-16-31-073012	7/30/2012	15			<0.018	U		0 0011	J		<0.0018	U		0 011	J		42			41			0 94		
		VMP-16-31-102512	10/25/2012	16			<0.033	U		0.001	J		<0.0033	U		<0.16	U		36			47			1.1		
		VMP-16-31-021813	2/18/2013	15			<0.16	U		0.00089	J		<0.0032	U		<0.16	U		30			54			0 97		
		VMP-16-31-042313	4/23/2013	15			<0.025	U		0.00063	J		<0.0025	U		<0.13	U		26			56			1.5		
		VMP-16-31-081313	8/13/2013	15			<0.029	U		0.00034	J		<0.0029	U		0 023	J		17			67			1.3		
		VMP-16-31-111513	11/15/2013	16			<0.024	U		0.00017	J		<0.0024	U		0.03	J		7 5			73			2.8		
		VMP-16-31-030614	3/6/2014	11			<0.023	U		0.00013	J		<0.0023	U		<0.11	U		6 2			75			6.8		
		VMP-16-31-050214	5/2/2014	15			<0.026	U		0.00019	J		<0.0026	U		<0.13	U		9.7			73			1.4		
		VMP-16-31-081514	8/15/2014	15			<0.028	U		0.00014	J		<0.0028	U		<0.14	U		5 8			76			2.5		
		VMP-16-31-081514-Dup	8/15/2014	16			<0.028	U		0.00015	J		<0.0028	U		0.06	J		6			75			1.8		
		VMP-16-31-110714	11/7/2014	16			<0.024	U		0.00015	J		<0.0024	U		0.0064	J		4 3			76			3.3		
		VMP-16-31-021115	2/11/2015	15			<0.024	U		0.00017	J		<0.0024	U		<0.12	U		5			77			2.8		
		VMP-16-31-050715	5/7/2015	13			<0.029	U		<0.0029	U		<0.0029	U		0 021	J		4 3			80			2		
		VMP-16-31-073115	7/31/2015	16			<0 03	U		<0.003	U		<0 003	U		0 018	J		2 3			79			1.7		
		VMP-16-31-073115-DUP	7/31/2015	16			<0.028	U		<0.0028	U		<0.0028	U		0 014	J		2 3			80			1.5		
		VMP-16-31-110415	11/4/2015	18			<0.029	U		0.00013	J		<0.0029	U		0 018	J		2 8			77			1.9		
		VMP-16-31-020316	2/3/2016	15			<0.021	U		<0.0021	U		<0.0021	U		<0.11	U		2 2			79			2.8		J
		VMP-16-31-020316-DUP	2/3/2016	16			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		2.4			79			1.7		J
		VMP-16-31-050416	5/4/2016	14			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		3			81			1.5		
		VMP-16-31-050416-DUP	5/4/2016	14			<0.026	U		<0.0026	U		<0.0026	U		0.0053	J		3.1			81			1.6		
		VMP-16-31-080316	8/3/2016	15			<0.025	U		<0.0025	U		<0.0025	U		0.0058	J		2 6			79			2.5		
		VMP-16-31-103116	10/31/2016	17			<0.025	U		0.00014	J		<0.0025	U		0.0075	J		4 8			77			1.6		
		VMP-16-31-103116-Dup	10/31/2016	17			<0.027	U		0.00015	J		<0.0027	U		<0.13	U		4.7			77			1.6		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-17	5 ft	VMP-17-5	6/21/2010	6.7			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00014	J		81			12		
		VMP-17-5-DUP	6/21/2010	6.8			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00018	J		81			12		
		VMP-17-5-090110	9/1/2010	7.8			<0.054	U		<0.0054	U		<0.0054	U		0 089	J		<0.00054	J	U	80			12		
		VMP-17-5-112210	11/22/2010	5			<0.027	U		<0.0027	U		<0.0027	U		0 011	J		<0.00027	U		79			16		
		VMP-17-5-020711	2/7/2011	2			<0.051	U		<0.0051	U		<0.0051	U		<0.25	U		0.00017	J		73			25		
		VMP-17-5-040611	4/6/2011	3.2			<0 03	U		<0.003	U		<0 003	U		0.02	J		<0 0003	U		79			18		
		VMP-17-5-080111	8/1/2011	6.2			<0.029	U		<0.0029	U		<0.0029	U		0 012	J		0.0018			81			13		
		VMP-17-5-110711	11/7/2011	3.4			<0.022	U		<0.0022	U		<0.0022	U		0.0044	J		0 000024	J		78			18		
		VMP-17-5-012612	1/26/2012	2.8			<0.018	U		<0.0018	U		<0.0018	U		<0.09	U		<0.00018	U		79			18		
		VMP-17-5-041112	4/11/2012	1.1			<0.023	U		<0.0023	U		<0.0023	U		0.02	J		0 000064	J		79			20		
		VMP-17-5-071112	7/11/2012	0 69			<0 02	U		<0.002	U		<0 002	U		0 044	J		0 000051	J		79			20		
		VMP-17-5-100912	10/9/2012	0 37			<0 03	U		<0.003	U		<0 003	U		0 089			0.00003	J		80			20		
		VMP-17-5-013113	1/31/2013	0.12			<0.13	U		<0.0026	U		<0.0026	U		0 026	J		0.00018	J		79			21		
		VMP-17-5-013113-DUP	1/31/2013	0.11			<0.13	U		<0.0026	U		<0.0026	U		0 044	J		0.00035			80			20		
		VMP-17-5-050113	5/1/2013	0 53			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00011	J		79			20		
		VMP-17-5-072913	7/29/2013	0 28			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			20		
		VMP-17-5-072913-Dup	7/29/2013	0.3			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			20		
		VMP-17-5-110813	11/8/2013	0.093			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00022	J		79			21		
		VMP-17-5-021114	2/11/2014	0 04			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00019	J		79			21		
		VMP-17-5-042214	4/22/2014	0 32			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00013	J		79			21		
		VMP-17-5-073114	7/31/2014	0.44			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			21		
		VMP-17-5-103014	10/30/2014	0 24			<0.025	U		<0.0025	U		<0.0025	U		0 014	J		0 000087	J		79			21		
		VMP-17-5-020415	2/4/2015	0 08			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		80			20		
		VMP-17-5-050115	5/1/2015	0.4			<0.024	U		<0.0024	U		<0.0024	U		0 011	J		<0.00024	U		79			21		
		VMP-17-5-072815	7/28/2015	0.6			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-17-5-102915	10/29/2015	0.18			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-17-5-020216	2/2/2016	0 09			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			22		
		VMP-17-5-050216	5/2/2016	0 35			<0.026	U		<0.0026	U		<0.0026	U		0 019	J		<0.00026	U		79			21		
		VMP-17-5-072516	7/25/2016	1.1			<0.028	U		<0.0028	U		<0.0028	U		0.13	J		<0.00028	U		80			19		
		VMP-17-5-103116	10/31/2016	0.41			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
VMP-18	8.5 ft	VMP-18-8.5	6/18/2010	7.7			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0 000026	J		81			11		
		VMP-18-8.5-090710	9/7/2010	9.3			<0.026	U		<0.0026	U		<0.0026	U		0 021	J		0.00011	J		80			11		
		VMP-18-8.5-111910	11/19/2010	8.2			<0.022	U		<0.0022	U		<0.0022	U		0 015	J		0 000054	J		80			12		
		VMP-18-8.5-020711	2/7/2011	5.6			<0.047	U		<0.0047	U		<0.0047	U		<0.23	U		<0.00047	U		79			15		
		VMP-18-8.5-020711-DUP	2/7/2011	5.8			<0.023	U		<0.0023	U		<0.0023	U		0 029	J		<0.00023	U		80			14		
		VMP-18-8.5-040711	4/7/2011	6.4			<0.026	U		<0.0026	U		<0.0026	U		0 037	J		0 000047	J		80			14		
		VMP-18-8.5-072811	7/28/2011	8.2			<0.028	U		<0.0028	U		<0.0028	U		0.21			<0.00028	U		80			12		
		VMP-18-8.5-110711	11/7/2011	7			<0.031	U		<0.0031	U		<0.0031	U		0 088	J		0.0012			76			17		
		VMP-18-8.5-012312	1/23/2012	5.1			<0.018	U		<0.0018	U		<0.0018	U		0.01	J		0 000022	J		78			17		
		VMP-18-8.5-041012	4/10/2012	4.9			<0.026	U		<0.0026	U		<0.0026	U		0 039	J		0 000043	J		78			17		
		VMP-18-8.5-071212	7/12/2012	3.9			<0 02	U		<0.002	U		<0 002	U		0 025	J		0 000083	J		77			19		
		VMP-18-8.5-100912	10/9/2012	4.1			<0.026	U		<0.0026	U		<0.0026	U		<0 044		U	0 000084	J		77			19		
		VMP-18-8.5-012313	1/23/2013	1.5			<0.14	U		<0.0029	U		<0.0029	U		<0.14	U		0 000023	J		78			21		
		VMP-18-8.5-050113	5/1/2013	0 92			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		79			20		
		VMP-18-8.5-072913	7/29/2013	1.8			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			19		
		VMP-18-8.5-102513	10/25/2013	0.41			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0 000069	J		80			20		
		VMP-18-8.5-102513-Dup	10/25/2013	0.41			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000073	J		80			20		
		VMP-18-8.5-020614	2/6/2014	0.15			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.0001	J		79			21		
		VMP-18-8.5-042214	4/22/2014	0.47			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			20		
		VMP-18-8.5-042214-Dup	4/22/2014	0.46			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-18-8.5-073114	7/31/2014	1.5			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		80			19		
		VMP-18-8.5-110314	11/3/2014	0.72			<0.026	U		<0.0026	U		<0.0026	U		3			<0.00026	U		76			20		
		VMP-18-8.5-020415	2/4/2015	0 26			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0 000069	J		79			21		
		VMP-18-8.5-050115	5/1/2015	0 97			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-18-8.5-050115-DUP	5/1/2015	0 94			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-18-8.5-072815	7/28/2015	2.3			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			19		
		VMP-18-8.5-102915	10/29/2015	0.76			<0.025	U		<0.0025	U		<0.0025	U		0 068	J		<0.00025	U		78			21		
		VMP-18-8.5-020216	2/2/2016	0 56			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			21		
		VMP-18-8.5-050516	5/5/2016	2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-18-8.5-5-072516	7/25/2016	2.4			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		80			18		
		VMP-18-8.5-102516	10/25/2016	2			<0 05	U		<0.005	U		<0 005	U		<0.25	U		<0 0005	U		79			19		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-19	5 ft	VMP-19-5	6/18/2010	8.7			<0.027	U		<0.0027	U		<0.0027	U		0.03			<0.00027	U		79			12		
		VMP-19-5-090110	9/1/2010	10			<0.053	U		<0.0053	U		<0.0053	U		0 049	J		0.00099			81			9.1		
		VMP-19-5-111510	11/15/2010	8.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			12		
		VMP-19-5-020411	2/4/2011	5.8			<0.024	U		<0.0024	U		<0.0024	U		0 018	J		0.00014	J		79			15		
		VMP-19-5-040711	4/7/2011	5.8			<0.027	U		<0.0027	U		<0.0027	U		0 047	J		<0.00027	U		78			16		
		VMP-19-5-080911	8/9/2011	9.1			<0 03	U		<0.003	U		<0 003	U		0 012	J		<0 0003	U		80			11		
		VMP-19-5-080911-DUP	8/9/2011	8.7			<0.028	U		<0.0028	U		<0.0028	U		0.01	J		<0.00028	U		80			11		
		VMP-19-5-110811	11/8/2011	5.5			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0 000045	J		78			16		
		VMP-19-5-012612	1/26/2012	4.6			<0.017	U		<0.0017	U		<0.0017	U		0 008	J		0 000058	J		78			17		
		VMP-19-5-041012	4/10/2012	1.6			<0.025	U		<0.0025	U		<0.0025	U		0 058	J		0 000046	J		78			20		
		VMP-19-5-071112	7/11/2012	1.2			<0.022	U		<0.0022	U		<0.0022	U		0.17			0 000071	J		79			20		
		VMP-19-5-100912	10/9/2012	0 51			<0 03	U		<0.003	U		<0 003	U		<0.04		U	0 000068	J		79			20		
		VMP-19-5-013113	1/31/2013	0.15			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0.00042			79			21		
		VMP-19-5-043013	4/30/2013	0 28			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		80			20		
		VMP-19-5-073113	7/31/2013	0 35			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00015	J		80			20		
		VMP-19-5-102513	10/25/2013	0.068			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00018	J		79			21		
		VMP-19-5-020614	2/6/2014	0.052			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00018	J		79			21		
		VMP-19-5-042214	4/22/2014	0 26			<0.028	U		<0.0028	U		<0.0028	U		0 027	J		0.00012	J		79			21		
		VMP-19-5-073114	7/31/2014	0.47			<0.033	U		<0.0033	U		<0.0033	U		<0.16	U		0.00016	J		78			21		
		VMP-19-5-110315	11/3/2014	0.16			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00012	J		79			21		
		VMP-19-5-020415	2/4/2015	0.081			<0.026	U		<0.0026	U		<0.0026	U		0 014	J		0.00015	J		79			21		
		VMP-19-5-050115	5/1/2015	0 23			<0.024	U		<0.0024	U		<0.0024	U		0.15			0.00016	J		79			21		
		VMP-19-5-072815	7/28/2015	0 27			<0 03	U		<0.003	U		<0 003	U		0.82			0.00051			79			20		
		VMP-19-5-102615	10/26/2015	0.063			<0.028	U		<0.0028	U		<0.0028	U		0.37			<0.00028	U		78			21		
		VMP-19-5-020216	2/2/2016	<0 028	U		<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00018	J		79			21		
		VMP-19-5-050616	5/6/2016	0.1			<0.028	U		<0.0028	U		<0.0028	U		0.56			0.00035			79			20		
		VMP-19-5-072816	7/28/2016	1			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00094			79			20		
		VMP-19-5-102516	10/25/2016	0.19			<0.025	U		<0.0025	U		<0.0025	U		0.05	J		0.00012	J		80			20		
VMP-20	5 ft	VMP-20-5-031411	3/14/2011	9.3			<0.024	U		<0.0024	U		<0.0024	U		0 012	J		0.00017	J		83			7.9		
		VMP-20-5-041511	4/15/2011	6.9			<0.027	U		<0.0027	U		<0.0027	U		0 045	J		0.0014			83			9.7		
		VMP-20-5-072511	7/25/2011	14			<0.028	U		<0.0028	U		<0.0028	U		0 021	J		0 000058	J		78			7.7		
		VMP-20-5-110111	11/1/2011	7.6			<0.016	U		<0.0016	U		<0.0016	U		0 033	J		0 000032	J		78			14		
		VMP-20-5-012312	1/23/2012	4.4			<0.017	U		<0.0017	U		<0.0017	U		0.0064	J		0.0001	J		78			18		
		VMP-20-5-041012	4/10/2012	5.1			<0.022	U		<0.0022	U		<0.0022	U		0.32			0 000079	J		80			15		
		VMP-20-5-071112	7/11/2012	8.8			<0.018	U		<0.0018	U		<0.0018	U		7.1			0 000067	J		72			12		
		VMP-20-5-073112	7/31/2012	12			<0 02	U		<0.002	U		<0 002	U		0 014	J		0 000043	J		76			12		
		VMP-20-5-100412	10/4/2012	6			<0.029	U		<0.0029	U		<0.0029	U		0 063	J		0 000051	J		79			15		
		VMP-20-5-020713	2/7/2013	3.8			<0.12	U		<0.0025	U		<0.0025	U		<0.12	U		0 000078	J		78			18		
		VMP-20-5-041913	4/19/2013	3.4			<0.025	U		<0.0025	U		<0.0025	U		1.4			<0.00025	U		77			18		
		VMP-20-5-072313	7/23/2013	12			<0.028	U		<0.0028	U		<0.0028	U		0 045	J		0.00011	J		79			8.7		
		VMP-20-5-110113	11/1/2013	5.8			<0.027	U		<0.0027	U		<0.0027	U		0.58			<0.00027	U		78			16		
		VMP-20-5-021014	2/10/2014	1.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
		VMP-20-5-042114	4/21/2014	2.9			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			18		
		VMP-20-5-072514	7/25/2014	9.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000046	J		78			12		
		VMP-20-5-102714	10/27/2014	8.4			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		78			14		
		VMP-20-5-012715	1/27/2015	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.0001	J		79			20		
		VMP-20-5-042715	4/27/2015	2.5			<0.025	U		<0.0025	U		<0.0025	U		0 031	J		<0.00025	U		78			19		
		VMP-20-5-072015	7/20/2015	9.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			12		
		VMP-20-5-102015	10/20/2015	3.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			18		
		VMP-20-5-021616	2/16/2016	1.6			<0.033	U		<0.0033	U		<0.0033	U		0.2			<0.00033	U		78			20		
		VMP-20-5-042516	4/25/2016	3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			18		
		VMP-20-5-072216	7/22/2016	12			<0.026	U		<0.0026	U		<0.0026	U		0 011	J		<0.00026	U		81			7.3		
		VMP-20-5-102616	10/26/2016	9.9			<0.025	U		<0.0025	U		<0.0025	U		0.0076	J		<0.00025	U		78			12		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	10 ft	VMP-20-10-031411	3/14/2011	6.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000065	J		83			10		
		VMP-20-10-041511	4/15/2011	7.3			<0.024	U		<0.0024	U		<0.0024	U		0 039	J		0.0001	J		83			9.3		
		VMP-20-10-072511	7/25/2011	8.1			<0.026	U		<0.0026	U		<0.0026	U		0.01	J		0.00021	J		84			7.8		
		VMP-20-10-110111	11/1/2011	8.3			<0.017	U		<0.0017	U		<0.0017	U		0 025	J		0 000063	J		80			12		
		VMP-20-10-012312	1/23/2012	5.7			<0.016	U		<0.0016	U		<0.0016	U		0 097			0 000051	J		79			15		
		VMP-20-10-041012	4/10/2012	5.9			<0.023	U		<0.0023	U		<0.0023	U		0 075	J		0 000032	J		81			13		
		VMP-20-10-071112	7/11/2012	8.5			<0 02	U		<0.002	U		<0 002	U		0 034	J		0 000028	J		78			13		
		VMP-20-10-100412	10/4/2012	8.3			<0.027	U		<0.0027	U		<0.0027	U		0 055	J		0 000037	J		79			13		
		VMP-20-10-012213	1/22/2013	3.2			<0.12	U		<0.0025	U		<0.0025	U		<0.12	U		0 000027	J		77			20		
		VMP-20-10-041913	4/19/2013	3.8			<0.026	U		<0.0026	U		<0.0026	U		0.19			<0.00026	U		78			18		
		VMP-20-10-072313	7/23/2013	10			<0.029	U		<0.0029	U		<0.0029	U		0 014	J		0.00013	J		79			11		
		VMP-20-10-110113	11/1/2013	7.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			14		
		VMP-20-10-110113-Dup	11/1/2013	8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		77			15		
		VMP-20-10-021014	2/10/2014	3.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			19		
		VMP-20-10-042114	4/21/2014	3			<0.024	U		<0.0024	U		<0.0024	U		0.0087	J		<0.00024	U		79			18		
		VMP-20-10-072514	7/25/2014	12			<0.026	U		<0.0026	U		<0.0026	U		0 026	J		0 000038	J		78			9.9		
		VMP-20-10-102714	10/27/2014	8			<0.034	U		<0.0034	U		<0.0034	U		0.19			<0.00034	U		78			14		
		VMP-20-10-012715	1/27/2015	2.8			<0.025	U		<0.0025	U		<0.0025	U		0 036	J		0 000061	J		79			18		
		VMP-20-10-012715-DUP	1/27/2015	2.8			<0.026	U		<0.0026	U		<0.0026	U		0 034	J		0 000059	J		79			18		
		VMP-20-10-042715	4/27/2015	3.7			<0.024	U		<0.0024	U		<0.0024	U		0 068	J		<0.00024	U		79			17		
		VMP-20-10-072015	7/20/2015	12			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			8.7		
		VMP-20-10-102015	10/20/2015	7			<0.022	U		<0.0022	U		<0.0022	U		0 012	J		<0.00022	U		77			16		
		VMP-20-10-102015-DUP	10/20/2015	6.9			<0.028	U		<0.0028	U		<0.0028	U		0 019	J		<0.00028	U		77			16		
		VMP-20-10-021616	2/16/2016	2.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			19		
		VMP-20-10-042516	4/25/2016	4			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			17		
		VMP-20-10-072216	7/22/2016	9.8			<0.028	U		<0.0028	U		<0.0028	U		0 013	J		<0.00028	U		78			12		
		VMP-20-10-102616	10/26/2016	11			<0.024	U		<0.0024	U		<0.0024	U		0.0088	J		<0.00024	U		78			11		
	25 ft	VMP-20-25-031411	3/14/2011	9.4			<0.024	U		<0.0024	U		<0.0024	U		0.0059	J		<0.00024	U		87			3.2		
		VMP-20-25-041511	4/15/2011	9.8			<0.028	U		<0.0028	U		<0.0028	U		0 042	J		<0.00028	U		88			2.6		
		VMP-20-25-072611	7/26/2011	8.5			<0.026	U		0.00011	J		<0.0026	U		0.01	J		0.23			89			1.8		
		VMP-20-25-110511	11/5/2011	9.1			<0.017	U		<0.0017	U		<0.0017	U		0.0033	J		<0.00017	U		88			2.9		
		VMP-20-25-012312	1/23/2012	7.7			<0.017	U		<0.0017	U		<0.0017	U		<0 084	U		0.00002	J		84			8.1		
		VMP-20-25-041012	4/10/2012	7.5			<0.023	U		<0.0023	U		<0.0023	U		0 044	J		<0.00023	U		84			8.7		
		VMP-20-25-041012-Dup	4/10/2012	7.6			<0.024	U		<0.0024	U		<0.0024	U		0 042	J		<0.00024	U		84			8.6		
		VMP-20-25-071112	7/11/2012	7.1			<0 02	U		<0.002	U		<0 002	U		0 052	J		<0 0002	U		82			11		
		VMP-20-25-100412	10/4/2012	7			<0 03	U		<0.003	U		<0 003	U		0 056	J		<0 0003	U		80			13		
		VMP-20-25-012213	1/22/2013	6.2			<0.12	U		<0.0025	U		<0.0025	U		<0.12	U		0 000016	J		78			16		
		VMP-20-25-041913	4/19/2013	4.1			<0.027	U		<0.0027	U		<0.0027	U		0 076	J		<0.00027	U		78			18		
		VMP-20-25-072313	7/23/2013	4.3			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0 000075	J		80			16		
		VMP-20-25-110113	11/1/2013	6.5			<0.024	U		<0.0024	U		<0.0024	U		0.15			<0.00024	U		78			15		
		VMP-20-25-021014	2/10/2014	4.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		77			19		
		VMP-20-25-042114	4/21/2014	3			<0.025	U		<0.0025	U		<0.0025	U		0.0093	J		<0.00025	U		78			19		
		VMP-20-25-072514	7/25/2014	4.4			<0.028	U		<0.0028	U		<0.0028	U		0.01	J		0 000032	J		80			16		
		VMP-20-25-102714	10/27/2014	6.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			15		
		VMP-20-25-012715	1/27/2015	3.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000039	J		78			18		
		VMP-20-25-042715	4/27/2015	2.5			<0.026	U		<0.0026	U		<0.0026	U		0 024	J		<0.00026	U		78			19		
		VMP-20-25-072015	7/20/2015	4.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			16		
		VMP-20-25-102015	10/20/2015	5.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			16		
		VMP-20-25-020216	2/2/2016	3.2			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		78			19		
		VMP-20-25-042516	4/25/2016	2.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-20-25-072216	7/22/2016	3.6			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			16		
		VMP-20-25-102616	10/26/2016	6.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			14		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-20	39.5 ft	VMP-20-39 5-042114	4/21/2014	10			<0.025	U		<0.0025	U		<0.0025	U		0.01	J		0.0022			88			2		
		VMP-20-39 5-042715	4/27/2015	9.3			<0.025	U		<0.0025	U		<0.0025	U		0.1	J		0.00028			87			3.2		
		VMP-20-39 5-042715-DUP	4/27/2015	9			<0.029	U		<0.0029	U		<0.0029	U		0 098	J		0.00034			87			3.5		
		VMP-20-39 5-072015	7/20/2015	9.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00019	J		88			2.5		
		VMP-20-39 5-072015-DUP	7/20/2015	8.9			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00017	J		88			2.8		
		VMP-20-39 5-100412	10/4/2012	9.6			<0.029	U		<0.0029	U		<0.0029	U		0 084	J		0.12			89			1.4		
		VMP-20-39 5-012313	1/23/2013	9.9			<0.12	U		<0.0025	U		<0.0025	U		<0.12	U		0 023			88			1.5		
		VMP-20-39 5-041913	4/19/2013	11			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 014			87			2.3		
		VMP-20-39 5-072313	7/23/2013	10			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		0 011			88			1.6		
		VMP-20-39 5-110113	11/1/2013	11			<0.027	U		<0.0027	U		<0.0027	U		0 061	J		0 014			87			2		
		VMP-20-39 5-021014	2/10/2014	11			<0.024	U		<0.0024	U		<0.0024	U		0 017	J		0.0029			87			1.9		
		VMP-20-39 5-021014-Dup	2/10/2014	11			<0.022	U		<0.0022	U		<0.0022	U		0 016	J		0 003			87			1.8		
		VMP-20-39 5-072514	7/25/2014	9.6			<0.033	U		<0.0033	U		<0.0033	U		0 039	J		0.0011			89			1.8		
		VMP-20-39 5-072514-Dup	7/25/2014	9.6			<0.026	U		<0.0026	U		<0.0026	U		0 034	J		0 001			89			1.7		
		VMP-20-39 5-102714	10/27/2014	9.6			<0.027	U		<0.0027	U		<0.0027	U		0 019	J		0.0005			87			3.3		
		VMP-20-39 5-012715	1/27/2015	9.2			<0.029	U		<0.0029	U		<0.0029	U		0.07	J		0.00024	J		87			4		
		VMP-20-39 5-102015	10/20/2015	7.8			<0.025	U		<0.0025	U		<0.0025	U		0 072	J		<0.00025	U		84			8.7		
		VMP-20-39 5-020216	2/2/2016	7			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		82			11		
		VMP-20-39 5-020216-DUP	2/2/2016	6.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		83			10		
VMP-21	5 ft	VMP-21-5-020911	2/9/2011	5.2			<0.023	U		0.00039	J		<0.0023	U		0.01	J		0.91			84			9.2		
		VMP-21-5-020911-DUP	2/9/2011	5.3			<0.024	U		0.00045	J		<0.0024	U		<0.12	U		0.91			84			9.2		
		VMP-21-5-041311	4/13/2011	2			<0.026	U		<0.0026	U		<0.0026	U		0.16			0.00056			81			17		
		VMP-21-5-072511	7/25/2011	14			<0 07	U		<0.007	U		<0 007	U		0 018	J		0.00029	J		76			10		
		VMP-21-5-110111	11/1/2011	4.1			<0.017	U		<0.0017	U		<0.0017	U		0.1			0 000034	J		79			17		
		VMP-21-5-012312	1/23/2012	1.4			<0.018	U		<0.0018	U		<0.0018	U		<0 088	U		0 000039	J		78			21		
		VMP-21-5-012312-DUP	1/23/2012	1.4			<0.016	U		<0.0016	U		<0.0016	U		<0.08	U		0 000033	J		78			21		
		VMP-21-5-042412	4/24/2012	3.4			<0.018	U		<0.0018	U		<0.0018	U		0 033	J		0.00045			80			17		
		VMP-21-5-071012	7/10/2012	8.2			<0.021	U		<0.0021	U		<0.0021	U		0 051	J		0.00011	J		78			14		
		VMP-21-5-100412	10/4/2012	4.1			<0.031	U		<0.0031	U		<0.0031	U		0 014	J		0 000039	J		79			17		
		VMP-21-5-020613	2/6/2013	0 92			<0.14	U		<0.0028	U		<0.0028	U		0 035	J		0 000023	J		79			20		
		VMP-21-5-051013	5/10/2013	1.9			<0.029	U		<0.0029	U		<0.0029	U		0 087	J		<0.00029	U		81			17		
		VMP-21-5-072313	7/23/2013	8.5			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00015	J		78			13		
		VMP-21-5-102113	10/21/2013	2.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			19		
		VMP-21-5-022414	2/24/2014	0.45			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			21		
		VMP-21-5-042114	4/21/2014	0 97			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-21-5-072814	7/28/2014	5.1			<0.027	U		<0.0027	U		<0.0027	U		0 048	J		0 000045	J		78			17		
		VMP-21-5-102714	10/27/2014	2.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			19		
		VMP-21-5-012715	1/27/2015	0 53			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000076	J		79			20		
		VMP-21-5-042715	4/27/2015	1.5			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		78			20		
		VMP-21-5-072015	7/20/2015	4.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			17		
		VMP-21-5-102315	10/23/2015	0 63			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-21-5-012616	1/26/2016	0 38			<0.028	U		<0.0028	U		<0.0028	U		0 012	J		<0.00028	U		79			21		
		VMP-21-5-042716	4/27/2016	1.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		81			18		
		VMP-21-5-072616	7/26/2016	4.1			<0.033	U		<0.0033	U		<0.0033	U		<0.16	U		<0.00033	U		84			12		
		VMP-21-5-102416	10/24/2016	1.6			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	10 ft	VMP-21-10-021011	2/10/2011	6.4			<0.025	U		0.00019	J		<0.0025	U		0.3			0.41			83			9.7		
		VMP-21-10-041311	4/13/2011	7.2			<0.026	U		<0.0026	U		<0.0026	U		0 021	J		0.00032			83			9.6		
		VMP-21-10-072511	7/25/2011	6			<0.12	U		<0.012	U		<0 012	U		<0.59	U		0.00021	J		68			26		
		VMP-21-10-110111	11/1/2011	7.2			<0.017	U		<0.0017	U		<0.0017	U		0 023	J		0 000031	J		79			14		
		VMP-21-10-012312	1/23/2012	4.7			<0.018	U		<0.0018	U		<0.0018	U		<0 088	U		0 000031	J		78			17		
		VMP-21-10-040912	4/9/2012	2.7			<0.023	U		<0.0023	U		<0.0023	U		0 034	J		0 000029	J		85			12		
		VMP-21-10-071012	7/10/2012	6.4			<0 02	U		<0.002	U		<0 002	U		0.13			0 000029	J		79			14		
		VMP-21-10-100412	10/4/2012	6.6			<0.028	U		<0.0028	U		<0.0028	U		0 017	J		0 000019	J		79			14		
		VMP-21-10-020513	2/5/2013	3.4			<0.13	U		<0.0027	U		<0.0027	U		<0.13	U		0 000019	J		79			18		
		VMP-21-10-020513-DUP	2/5/2013	3.5			<0.13	U		<0.0025	U		<0.0025	U		<0.13	U		0 000023	J		78			18		
		VMP-21-10-051013	5/10/2013	3.3			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			17		
		VMP-21-10-072313	7/23/2013	5.2			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00011	J		81			14		
		VMP-21-10-102113	10/21/2013	6.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			16		
		VMP-21-10-022414	2/24/2014	2.4			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			20		
		VMP-21-10-042114	4/21/2014	2.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-21-10-072814	7/28/2014	5.6			<0.025	U		<0.0025	U		<0.0025	U		0.01	J		0 000018	J		79			15		
		VMP-21-10-102714	10/27/2014	5.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			17		
		VMP-21-10-012715	1/27/2015	2			<0.027	U		<0.0027	U		<0.0027	U		0 021	J		0 000019	J		79			19		
		VMP-21-10-042715	4/27/2015	1.7			<0.029	U		<0.0029	U		<0.0029	U		0 028	J		<0.00029	U		79			19		
		VMP-21-10-072015	7/20/2015	4.7			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			15		
		VMP-21-10-102315	10/23/2015	2.6			<0.028	U		<0.0028	U		<0.0028	U		0 026	J		<0.00028	U		78			19		
		VMP-21-10-012616	1/26/2016	1.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			20		
		VMP-21-10-042716	4/27/2016	1.7			<0.029	U		<0.0029	U		<0.0029	U		0 011	J		<0.00029	U		80			18		
		VMP-21-10-072616	7/26/2016	4.1			<0.028	U		<0.0028	U		<0.0028	U		0 007	J		<0.00028	U		80			16		
		VMP-21-10-102416	10/24/2016	3.9			<0.049	U		<0.0049	U		<0.0049	U		<0.25	U		<0.00049	U		78			18		
	25 ft	VMP-21-25-021011	2/10/2011	6.4			<0.023	U		0 0017	J		<0.0023	U		0.0092	J		3 6			87			1.5		
		VMP-21-25-041411	4/14/2011	6.1			<0.026	U		0 0018	J		<0.0026	U		0 023	J		3 9			86			1.7		
		VMP-21-25-041411-DUP	4/14/2011	6.1			<0.026	U		0 0018	J		<0.0026	U		0 063	J		3 9			86			1.9		
		VMP-21-25-072611	7/26/2011	5.6			<0.026	U		0.00088	J		<0.0026	U		0.22			2 3			89			1.7		
		VMP-21-25-110511	11/5/2011	9.1			<0.017	U		0.000086	J		<0.0017	U		0.0034	J		0.24			89			2		
		VMP-21-25-012412	1/24/2012	12			<0.016	U		<0.0016	U		<0.0016	U		0 081			0.0098			86			2.2		
		VMP-21-25-040912	4/9/2012	12			<0 03	U		<0.003	U		<0 003	U		0 076	J		0.00044			85			2.9		
		VMP-21-25-071112	7/11/2012	10			<0.018	U		<0.0018	U		<0.0018	U		0 037	J		0 000086	J		84			6.4		
		VMP-21-25-100412	10/4/2012	8.9			<0.029	U		<0.0029	U		<0.0029	U		0 037	J		0 000058	J		81			10		
		VMP-21-25-020513	2/5/2013	8.7			<0.13	U		<0.0026	U		<0.0026	U		0.02	J		0 000043	J		80			11		
		VMP-21-25-020513-DUP	2/5/2013	8.8			<0.13	U		<0.0027	U		<0.0027	U		0 058			0 000036	J		80			11		
		VMP-21-25-051013	5/10/2013	6.2			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			14		
		VMP-21-25-072313	7/23/2013	5.7			<0 03	U		<0.003	U		<0 003	U		0 039	J		0.00011	J		81			13		
		VMP-21-25-102113	10/21/2013	5.6			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			16		
		VMP-21-25-042114	4/21/2014	2.8			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			19		
		VMP-21-25-072814	7/28/2014	3.4			<0.029	U		<0.0029	U		<0.0029	U		0 013	J		<0.00029	U		80			17		
		VMP-21-25-102714	10/27/2014	4.5			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			17		
		VMP-21-25-012715	1/27/2015	2.3			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0 000016	J		79			19		
		VMP-21-25-042715	4/27/2015	1.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
		VMP-21-25-072015	7/20/2015	2.3			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		81			17		
		VMP-21-25-102315	10/23/2015	3.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			19		
		VMP-21-25-012616	1/26/2016	1.6			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			20		
		VMP-21-25-042716	4/27/2016	1.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			19		
		VMP-21-25-072616	7/26/2016	2.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-21-25-102416	10/24/2016	4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			17		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-21	33 ft	VMP-21-33-021011	2/10/2011	5.8			<0.023	U		0 0015	J		<0.0023	U		0.15			3.7			86			1.9		
		VMP-21-33-041411	4/14/2011	6			<0.027	U		0 0018	J		<0.0027	U		0 026	J		4			86			1.6		
		VMP-21-33-110511	11/5/2011	7			<0.019	U		<0.0019	U		<0.0019	U		0 003	J		0 2			91			1.9		
		VMP-21-33-012412	1/24/2012	11			<0.016	U		<0.0016	U		<0.0016	U		<0 082	U		0 046			86			2.5		
		VMP-21-33-042412	4/24/2012	12			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.0017			85			2.6		
		VMP-21-33-071112	7/11/2012	12			<0 02	U		<0.002	U		<0 002	U		0 056	J		0.00016	J		85			2.6		
		VMP-21-33-100412	10/4/2012	10			<0.028	U		<0.0028	U		<0.0028	U		0 019	J		0 000088	J		83			7		
		VMP-21-33-020513	2/5/2013	10			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0 000073	J		81			9.1		
		VMP-21-33-051013	5/10/2013	7.6			<0.028	U		<0.0028	U		<0.0028	U		0 086	J		<0.00028	U		80			12		
		VMP-21-33-102113	10/21/2013	6.6			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			14		
		VMP-21-33-102113-DUP	10/21/2013	6.6			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			14		
		VMP-21-33-022414	2/24/2014	5.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			17		
		VMP-21-33-022414-Dup	2/24/2014	5.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			17		
		VMP-21-33-042114	4/21/2014	4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			17		
		VMP-21-33-072814	7/28/2014	3.8			<0.028	U		<0.0028	U		<0.0028	U		0.02	J		<0.00028	U		78			18		
		VMP-21-33-102714	10/27/2014	5.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			15		
		VMP-21-33-102714-DUP	10/27/2014	5.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			16		
		VMP-21-33-012715	1/27/2015	3.7			<0.025	U		<0.0025	U		<0.0025	U		0.04	J		0 000026	J		78			18		
		VMP-21-33-072015	7/20/2015	2.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		81			16		
		VMP-21-33-102315	10/23/2015	4.2			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			18		
		VMP-21-33-102315-DUP	10/23/2015	4.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			18		
		VMP-21-33-042716	4/27/2016	2			<0.028	U		<0.0028	U		<0.0028	U		0.22			<0.00028	U		79			19		
		VMP-21-33-072616	7/26/2016	2.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			17		
		VMP-21-33-102416	10/24/2016	4.2			<0.027	U		<0.0027	U		<0.0027	U		0.0068	J		<0.00027	U		80			16		
VMP-22	5 ft	VMP-22-5-021111	2/11/2011	8.4			<0.026	U		<0.0026	U		<0.0026	U		0.06	J		0.0078			84			8		
		VMP-22-5-041811	4/18/2011	7.1			<0.025	U		<0.0025	U		<0.0025	U		0 092	J		<0.00025	U		83			9.9		
		VMP-22-5-072611	7/26/2011	7.4			<0.055	U		<0.0055	U		<0.0055	U		0 015	J		<0.00055	U		80			12		
		VMP-22-5-110111	11/1/2011	2.6			<0.017	U		<0.0017	U		<0.0017	U		0 013	J		0.00004	J		79			18		
		VMP-22-5-012412	1/24/2012	0.7			<0.017	U		<0.0017	U		<0.0017	U		<0 084	U		0 000062	J		79			20		
		VMP-22-5-040912	4/9/2012	0 81			<0.032	U		<0.0032	U		<0.0032	U		0 077	J		0 000038	J		80			19		
		VMP-22-5-070912	7/9/2012	3			<0.022	U		<0.0022	U		<0.0022	U		0.14			0.00011	J		78			19		
		VMP-22-5-100312	10/3/2012	1			<0.025	U		<0.0025	U		<0.0025	U		1.5			0 000072	J		78			19		
		VMP-22-5-100312-Dup	10/3/2012	0.9			<0.023	U		<0.0023	U		<0.0023	U		0.45			0 000098	J		79			20		
		VMP-22-5-012413	1/24/2013	0 38			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0 000048	J		79			21		
		VMP-22-5-041913	4/19/2013	0.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-22-5-072313	7/23/2013	2.2			<0.032	U		<0.0032	U		<0.0032	U		0 022	J		0.00031	J		80			18		
		VMP-22-5-072313-Dup	7/23/2013	2.3			<0.032	U		<0.0032	U		<0.0032	U		0 022	J		0.00018	J		80			18		
		VMP-22-5-101813	10/18/2013	0 56			<0.027	U		<0.0027	U		<0.0027	U		0 014	J		<0.00027	U		78			21		
		VMP-22-5-021314	2/13/2014	0.13			<0.022	U		<0.0022	U		<0.0022	U		0.0066	J		<0.00022	U		78			22		
		VMP-22-5-042214	4/22/2014	0 38			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-22-5-072814	7/28/2014	1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0 000086	J		79			20		
		VMP-22-5-102414	10/24/2014	0.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		79			21		
		VMP-22-5-012715	1/27/2015	0.092			<0.023	U		<0.0023	U		<0.0023	U		0 018	J		0.00011	J		80			20		
		VMP-22-5-042715	4/27/2015	0 29			<0.025	U		<0.0025	U		<0.0025	U		0 012	J		<0.00025	U		79			21		
		VMP-22-5-072015	7/20/2015	0.76			<0.026	U		<0.0026	U		<0.0026	U		0 016	J		<0.00026	U		79			20		
		VMP-22-5-102315	10/23/2015	0 23			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-22-5-012616	1/26/2016	0.078			<0.028	U		<0.0028	U		<0.0028	U		0 011	J		<0.00028	U		79			21		
		VMP-22-5-042616	4/26/2016	0 28			<0.035	U		<0.0035	U		<0.0035	U		<0.17	U		0.00013	J		80			20		
		VMP-22-5-072216	7/22/2016	0.8			<0.031	U		<0.0031	U		<0.0031	U		0.15	J		0.00014	J		81			18		
		VMP-22-5-102716	10/27/2016	0 35			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	10 ft	VMP-22-10-021111	2/11/2011	10			<0.024	U		<0.0024	U		<0.0024	U		0 031	J		0.0034			84			5.5		
		VMP-22-10-041811	4/18/2011	8.9			<0.026	U		<0.0026	U		<0.0026	U		0 044	J		<0.00026	U		82			9.3		
		VMP-22-10-072611	7/26/2011	10			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00016	J		85			4.9		
		VMP-22-10-072611-DUP	7/26/2011	10			<0.036	U		<0.0036	U		<0.0036	U		<0.18	U		0.00015	J		85			5		
		VMP-22-10-110211	11/2/2011	5.3			<0.017	U		<0.0017	U		<0.0017	U		0 015	J		<0.00017	U		79			16		
		VMP-22-10-012412	1/24/2012	2.2			<0.018	U		<0.0018	U		<0.0018	U		0.0065	J		0 000016	J		77			21		
		VMP-22-10-040912	4/9/2012	1.2			<0.033	U		<0.0033	U		<0.0033	U		0.1	J		0 000046	J		78			20		
		VMP-22-10-070912	7/9/2012	3.4			<0.022	U		<0.0022	U		<0.0022	U		0 044	J		0 000027	J		78			18		
		VMP-22-10-070912-Dup	7/9/2012	3.5			<0.021	U		<0.0021	U		<0.0021	U		0 043	J		0 000029	J		78			18		
		VMP-22-10-100312	10/3/2012	1.5			<0.024	U		<0.0024	U		<0.0024	U		0 047	J		0 000044	J		80			19		
		VMP-22-10-012413	1/24/2013	0 68			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		0 000022	J		79			20		
		VMP-22-10-041913	4/19/2013	0 38			<0.027	U		<0.0027	U		<0.0027	U		0 019	J		<0.00027	U		79			21		
		VMP-22-10-072313	7/23/2013	2.6			<0 03	U		<0.003	U		<0 003	U		0 011	J		0.00014	J		79			18		
		VMP-22-10-101813	10/18/2013	0 95			<0.028	U		<0.0028	U		<0.0028	U		0 012	J		<0.00028	U		78			21		
		VMP-22-10-021314	2/13/2014	0 24			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		78			22		
		VMP-22-10-042214	4/22/2014	0 33			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-22-10-072814	7/28/2014	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000051	J		79			20		
		VMP-22-10-102414	10/24/2014	0 68			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-22-10-012715	1/27/2015	0.15			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0.00006	J		80			20		
		VMP-22-10-042715	4/27/2015	0 35			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-22-10-072015	7/20/2015	0 88			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-22-10-102315	10/23/2015	0 39			<0.028	U		<0.0028	U		<0.0028	U		0 026	J		<0.00028	U		79			21		
		VMP-22-10-012616	1/26/2016	0.14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			22		
		VMP-22-10-042616	4/26/2016	0 26			<0 03	U		<0.003	U		<0 003	U		0 015	J		0 000095	J		80			20		
		VMP-22-10-072216	7/22/2016	1.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			19		
		VMP-22-10-102716	10/27/2016	0.5			<0.027	U		<0.0027	U		<0.0027	U		0 058	J		<0.00027	U		80			20		
	18 ft	VMP-22-18-021111	2/11/2011	11			<0.026	U		0 0008	J		<0.0026	U		0 014	J		1 5			85			1.7		
		VMP-22-18-041811	4/18/2011	11			<0.027	U		0 0007	J		<0.0027	U		0 027	J		1 5			86			1.6		
		VMP-22-18-072611	7/26/2011	10			<0.056	U		0.00046	J		<0.0056	U		0 019	J		0 9			84			5.3		
		VMP-22-18-110511	11/5/2011	14			<0.018	U		<0.0018	U		<0.0018	U		0 019	J		0 000043	J		84			2.4		
		VMP-22-18-012412	1/24/2012	10			<0.017	U		<0.0017	U		<0.0017	U		<0 084	U		0 000023	J		80			9.7		
		VMP-22-18-040912	4/9/2012	5.3			<0.048	U		<0.0048	U		<0.0048	U		0.14	J		<0.00048	U		81			14		
		VMP-22-18-070912	7/9/2012	5			<0.021	U		<0.0021	U		<0.0021	U		0 092	J		0 000019	J		78			17		
		VMP-22-18-100412	10/4/2012	2.9			<0.029	U		<0.0029	U		<0.0029	U		0 029	J		0 000018	J		78			19		
		VMP-22-18-012413	1/24/2013	2.2			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			20		
		VMP-22-18-042213	4/22/2013	1.2			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
		VMP-22-18-072913	7/29/2013	2.9			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00016	J		79			18		
		VMP-22-18-101813	10/18/2013	1.6			<0.027	U		<0.0027	U		<0.0027	U		0.1	J		<0.00027	U		78			20		
		VMP-22-18-021314	2/13/2014	0.78			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			21		
		VMP-22-18-042214	4/22/2014	0.44			<0.027	U		<0.0027	U		<0.0027	U		0 032	J		<0.00027	U		78			21		
		VMP-22-18-072814	7/28/2014	1.5			<0.026	U		<0.0026	U		<0.0026	U		0.16			0 000023	J		79			19		
		VMP-22-18-102414	10/24/2014	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-22-18-012715	1/27/2015	0 33			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0 000021	J		80			20		
		VMP-22-18-012715-DUP	1/27/2015	0 33			<0.025	U		<0.0025	U		<0.0025	U		0 015	J		0 000022	J		80			20		
		VMP-22-18-042715	4/27/2015	0 32			<0.024	U		<0.0024	U		<0.0024	U		0.21			<0.00024	U		78			21		
		VMP-22-18-072015	7/20/2015	0 83			<0.034	U		<0.0034	U		<0.0034	U		<0.17	U		<0.00034	U		80			19		
		VMP-22-18-102315	10/23/2015	0.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-22-18-012616	1/26/2016	0 29			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			21		
		VMP-22-18-042616	4/26/2016	0 26			<0.028	U		<0.0028	U		<0.0028	U		0 052	J		<0.00028	U		80			20		
		VMP-22-18-072216	7/22/2016	1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			19		
		VMP-22-18-102716	10/27/2016	1.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-22	38 ft	VMP-22-38-041811	4/18/2011	11			<0.028	U		0 0011	J		<0.0028	U		0 023	J		2.1			84			1.9		
		VMP-22-38-012512	1/25/2012	15			<0.017	U		<0.0017	U		<0.0017	U		<0 084	U		0.0076			83			1.8		
		VMP-22-38-040912	4/9/2012	10			<0 03	U		<0.003	U		<0 003	U		0 086	J		0.00012	J		80			10		
		VMP-22-38-070912	7/9/2012	6.7			<0.021	U		<0.0021	U		<0.0021	U		0 077	J		0 000019	J		78			15		
		VMP-22-38-100412	10/4/2012	5.5			<0 03	U		<0.003	U		<0 003	U		0 063	J		0 000021	J		78			16		
		VMP-22-38-012413	1/24/2013	5.1			<0.13	U		<0.0027	U		<0.0027	U		<0.13	U		0.00012	J		77			18		
		VMP-22-38-042213	4/22/2013	3.6			<0.029	U		<0.0029	U		<0.0029	U		0 012	J		<0.00029	U		77			19		
		VMP-22-38-072913	7/29/2013	2.9			<0.028	U		<0.0028	U		<0.0028	U		0 014	J		0.00026	J		79			18		
		VMP-22-38-101813	10/18/2013	3.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			18		
		VMP-22-38-021314	2/13/2014	2.9			<0.024	U		<0.0024	U		<0.0024	U		0 016	J		<0.00024	U		78			19		
		VMP-22-38-021314-Dup	2/13/2014	3			<0.023	U		<0.0023	U		<0.0023	U		0 014	J		<0.00023	U		77			20		
		VMP-22-38-042214	4/22/2014	2.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
		VMP-22-38-072814	7/28/2014	2.3			<0.027	U		<0.0027	U		<0.0027	U		0 018	J		0 000036	J		79			19		
		VMP-22-38-072814-DUP	7/28/2014	2.2			<0.027	U		<0.0027	U		<0.0027	U		0 018	J		0 000028	J		80			18		
		VMP-22-38-102414	10/24/2014	3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			18		
		VMP-22-38-102414-DUP	10/24/2014	3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			18		
		VMP-22-38-012715	1/27/2015	2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000028	J		79			19		
		VMP-22-38-042715	4/27/2015	1.3			<0.024	U		<0.0024	U		<0.0024	U		0.13			<0.00024	U		78			20		
		VMP-22-38-042715-DUP	4/27/2015	1.3			<0.026	U		<0.0026	U		<0.0026	U		0 096	J		<0.00026	U		79			20		
		VMP-22-38-072015	7/20/2015	1.6			<0.029	U		<0.0029	U		<0.0029	U		0 073	J		<0.00029	U		80			18		
		VMP-22-38-072015-DUP	7/20/2015	1.6			<0.028	U		<0.0028	U		<0.0028	U		0 022	J		<0.00028	U		79			19		
		VMP-22-38-102315	10/23/2015	2.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			20		
		VMP-22-38-012616-DUP	1/26/2016	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-22-38-042616	4/26/2016	1			<0.031	U		<0.0031	U		<0.0031	U		0 043	J		<0.00031	U		79			20		
		VMP-22-38-072216	7/22/2016	1.3			<0.028	U		<0.0028	U		<0.0028	U		0.0056	J		<0.00028	U		81			18		
		VMP-22-38-072216-DUP	7/22/2016	1.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-22-38-102716	10/27/2016	1.6			<0.027	U		<0.0027	U		<0.0027	U		0.33			<0.00027	U		79			19		
		VMP-22-38-102716-Dup	10/27/2016	1.6			<0.025	U		<0.0025	U		<0.0025	U		0.31			<0.00025	U		79			19		
VMP-23	5 ft	VMP-23-5-021511	2/15/2011	1.8			<0.026	U		<0.0026	U		<0.0026	U		0.1	J		0.00015	J		79			19		
		VMP-23-5-042111	4/21/2011	4.2			<0.023	U		<0.0023	U		<0.0023	U		0 063	J		0 000072	J		79			17		
		VMP-23-5-072711	7/27/2011	7.7			<0.026	U		<0.0026	U		<0.0026	U		0 018	J		0.00018	J		82			10		
		VMP-23-5-110211	11/2/2011	2.6			<0.019	U		<0.0019	U		<0.0019	U		0.12			0 000057	J		79			18		
		VMP-23-5-012512	1/25/2012	1.9			<0.016	U		<0.0016	U		<0.0016	U		0.0075	J		0.00011	J		78			20		
		VMP-23-5-040912	4/9/2012	0.76			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		0.00015	J		79			20		
		VMP-23-5-070912	7/9/2012	1.5			<0.017	U		<0.0017	U		<0.0017	U		0.14			0.00028			78			20		
		VMP-23-5-100312	10/3/2012	0.6			<0.029	U		<0.0029	U		<0.0029	U		0 053	J		0 000088	J		80			19		
		VMP-23-5-012413	1/24/2013	0.2			<0.12	U		<0.0025	U		<0.0025	U		<0.12	U		0.00017	J		79			21		
		VMP-23-5-042213	4/22/2013	0 34			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00011	J		79			21		
		VMP-23-5-072313	7/23/2013	2.2			<0 03	U		<0.003	U		<0 003	U		0 095	J		0.00031			80			18		
		VMP-23-5-101813	10/18/2013	0.49			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		78			21		
		VMP-23-5-021314	2/13/2014	0.14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		78			22		
		VMP-23-5-042114	4/21/2014	0.41			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00025	J		78			21		
		VMP-23-5-080514	8/5/2014	1.2			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		80			19		
		VMP-23-5-102414	10/24/2014	0 62			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00017	J		79			20		
		VMP-23-5-012715	1/27/2015	0.18			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		0.00015	J		80			20		
		VMP-23-5-042715	4/27/2015	0 53			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0002	J		78			21		
		VMP-23-5-072015	7/20/2015	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00022	J		79			19		
		VMP-23-5-102615	10/26/2015	0 36			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			21		
		VMP-23-5-012516	1/25/2016	0.13			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00017	J		79			21		
		VMP-23-5-062816	6/28/2016	1.2			<0.032	U		<0.0032	U		<0.0032	U		0 089	J		<0.00032	U		80			19		
		VMP-23-5-072216	7/22/2016	1.6			<0 03	U		<0.003	U		<0 003	U		0.0093	J		0 000094	J		80			18		
		VMP-23-5-101916	10/19/2016	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-23	10 ft	VMP-23-10-021511	2/15/2011	8.1			<0.027	U		<0.0027	U		<0.0027	U		0 022	J		<0.00027	U		82			10		
		VMP-23-10-042111	4/21/2011	6.2			<0.028	U		<0.0028	U		<0.0028	U		1.5			<0.00028	U		79			13		
		VMP-23-10-072711	7/27/2011	9.4			<0.025	U		<0.0025	U		<0.0025	U		0 045	J		<0.00025	U		84			6.6		
		VMP-23-10-110211	11/2/2011	7.5			<0.018	U		<0.0018	U		<0.0018	U		0.0091	J		0 000037	J		82			10		
		VMP-23-10-012512	1/25/2012	4.4			<0.016	U		<0.0016	U		<0.0016	U		0 026	J		0 000064	J		79			17		
		VMP-23-10-040912	4/9/2012	0 83			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		77			22		
		VMP-23-10-040912-Dup	4/9/2012	0 96			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		0.00007	J		80			19		
		VMP-23-10-070912	7/9/2012	1.6			<0.016	U		<0.0016	U		<0.0016	U		0 036	J		0 000093	J		78			20		
		VMP-23-10-100312	10/3/2012	0.8			<0.031	U		<0.0031	U		<0.0031	U		0 051	J		0 000064	J		79			20		
		VMP-23-10-012413	1/24/2013	0 34			<0.12	U		<0.0025	U		<0.0025	U		<0.12	U		0 000098	J		79			21		
		VMP-23-10-042213	4/22/2013	0 36			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-23-10-072313	7/23/2013	1.9			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00027	J		79			19		
		VMP-23-10-101813	10/18/2013	0 52			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-23-10-101813-DUP	10/18/2013	0 53			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-23-10-021314	2/13/2014	0.17			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-23-10-042114	4/21/2014	0 34			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00024	J		79			21		
		VMP-23-10-080514	8/5/2014	0 84			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		79			20		
		VMP-23-10-102414	10/24/2014	0.49			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		80			20		
		VMP-23-10-012715	1/27/2015	0.14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00012	J		80			20		
		VMP-23-10-042715	4/27/2015	0 39			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-23-10-072015	7/20/2015	0 91			<0.026	U		<0.0026	U		<0.0026	U		0 019	J		<0.00026	U		79			20		
		VMP-23-10-102615	10/26/2015	0 31			<0.026	U		<0.0026	U		<0.0026	U		0 021	J		<0.00026	U		79			21		
		VMP-23-10-012516	1/25/2016	0.14			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-23-10-062816	6/28/2016	0 81			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-23-10-072216	7/22/2016	0 89			<0.029	U		<0.0029	U		<0.0029	U		0 036	J		<0.00029	U		80			19		
		VMP-23-10-101916	10/19/2016	0.074			<0.024	U		<0.0024	U		<0.0024	U		0 052	J		0.00017	J		79			21		
	25 ft	VMP-23-25-021511	2/15/2011	14			<0.025	U		<0.0025	U		<0.0025	U		0.02	J		0 000065	J		84			1.9		
		VMP-23-25-042111	4/21/2011	13			<0.026	U		<0.0026	U		<0.0026	U		0.08	J		0.00036			84			3.1		
		VMP-23-25-072711	7/27/2011	12			<0.029	U		<0.0029	U		<0.0029	U		0.0063	J		0.0011			86			1.9		
		VMP-23-25-110511	11/5/2011	11			<0.018	U		<0.0018	U		<0.0018	U		0 005	J		0 000029	J		84			5.2		
		VMP-23-25-012512	1/25/2012	12			<0.016	U		<0.0016	U		<0.0016	U		0.25			<0.00016	U		81			6.8		
		VMP-23-25-040912	4/9/2012	5			<0.031	U		<0.0031	U		<0.0031	U		0.07	J		0 000089	J		78			17		
		VMP-23-25-071012	7/10/2012	4.4			<0.024	U		<0.0024	U		<0.0024	U		0.17			<0.00024	U		79			16		
		VMP-23-25-100312	10/3/2012	3.6			<0 03	U		<0.003	U		<0 003	U		0 059	J		<0 0003	U		79			17		
		VMP-23-25-012413	1/24/2013	3.2			<0.13	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			19		
		VMP-23-25-042213	4/22/2013	1.6			<0.028	U		<0.0028	U		<0.0028	U		0 015	J		<0.00028	U		78			20		
		VMP-23-25-072313	7/23/2013	2.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00018	J		80			18		
		VMP-23-25-102113	10/21/2013	2.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
		VMP-23-25-021314	2/13/2014	1.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-23-25-042114	4/21/2014	0.75			<0 03	U		<0.003	U		<0 003	U		0 031	J		<0 0003	U		78			21		
		VMP-23-25-080514	8/5/2014	1.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-23-25-102414	10/24/2014	1.4			<0.026	U		<0.0026	U		<0.0026	U		0.0063	J		<0.00026	U		80			19		
		VMP-23-25-012715	1/27/2015	0 69			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000034	J		79			20		
		VMP-23-25-042715	4/27/2015	0.49			<0.028	U		<0.0028	U		<0.0028	U		0.13	J		<0.00028	U		78			21		
		VMP-23-25-072015	7/20/2015	1.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-23-25-102615	10/26/2015	1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-23-25-012516	1/25/2016	0 58			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			21		
		VMP-23-25-062816	6/28/2016	1.2			<0.029	U		<0.0029	U		<0.0029	U		0 026	J		<0.00029	U		80			19		
		VMP-23-25-072216	7/22/2016	1.3			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			19		
		VMP-23-25-101916	10/19/2016	2.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
VMP-23	40 ft	VMP-23-40-071012	7/10/2012	0.041			<0.021	U		<0.0021	U		<0.0021	U		39			0.00014	J		49			12		
		VMP-23-40-100312	10/3/2012	5.6			<0.029	U		<0.0029	U		<0.0029	U		0 081	J		0 000031	J		79			15		
		VMP-23-40-012413	1/24/2013	5.2			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			17		
		VMP-23-40-042213	4/22/2013	4.6			<0.028	U		<0.0028	U		<0.0028	U		0 037	J		<0.00028	U		77			18		
		VMP-23-40-042213-Dup	4/22/2013	4.7			<0.028	U		<0.0028	U		<0.0028	U		0 032	J		<0.00028	U		77			18		
		VMP-23-40-102113	10/21/2013	4.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			17		
		VMP-23-40-021314	2/13/2014	3.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00014	J		78			19		
		VMP-23-40-042114	4/21/2014	2.7			<0.026	U		<0.0026	U		<0.0026	U		0.0071	J		0.00016	J		78			19		
		VMP-23-40-080514	8/5/2014	2.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
		VMP-23-40-102414	10/24/2014	3.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			18		
		VMP-23-40-012715	1/27/2015	2.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000081	J		79			18		
		VMP-23-40-042715	4/27/2015	2.8			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		78			19		
		VMP-23-40-072015	7/20/2015	2.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
		VMP-23-40-102615	10/26/2015	3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			19		
		VMP-23-40-102615-DUP	10/26/2015	3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
		VMP-23-40-012516	1/25/2016	2.9			<0.024	U		<0.0024	U		<0.0024	U		0 024	J		<0.00024	U		78			19		
		VMP-23-40-072216	7/22/2016	2.5			<0.027	U		<0.0027	U		<0.0027	U		0 054	J		<0.00027	U		80			18		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	5 ft	VMP-24-5-021611	2/16/2011	6.5			<0.028	U		<0.0028	U		<0.0028	U		0 016	J		0.00015	J		79			14		
		VMP-24-5-040811	4/8/2011	4.7			<0.023	U		<0.0023	U		<0.0023	U		0 013	J		0.0024			78			17		
		VMP-24-5-072811	7/28/2011	6.6			<0.028	U		<0.0028	U		<0.0028	U		0.71			0.00016	J		77			16		
		VMP-24-5-110211	11/2/2011	8.2			<0.019	U		<0.0019	U		<0.0019	U		<0 094	U		0 000056	J		79			13		
		VMP-24-5-110211-DUP	11/2/2011	8.2			<0.019	U		<0.0019	U		<0.0019	U		0.0044	J		0 000037	J		79			13		
		VMP-24-5-012512	1/25/2012	3.5			<0.016	U		<0.0016	U		<0.0016	U		0.0065	J		0.00019			78			18		
		VMP-24-5-040912	4/9/2012	4.1			<0.019	U		<0.0019	U		<0.0019	U		0.14			0 000095	J		78			18		
		VMP-24-5-071212	7/12/2012	4.9			<0.018	U		<0.0018	U		<0.0018	U		0 037	J		0.00011	J		78			17		
		VMP-24-5-101912	10/19/2012	3.5			<0.028	U		<0.0028	U		<0.0028	U		0 019	J		0.00012	J		80			17		
		VMP-24-5-012313	1/23/2013	3.6			<0.13	U		<0.0025	U		<0.0025	U		<0.13	U		0 000085	J		78			18		
		VMP-24-5-050113	5/1/2013	0.73			<0 03	U		<0.003	U		<0 003	U		0 015	J		0.00011	J		78			21		
		VMP-24-5-073113	7/31/2013	2.9			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			18		
		VMP-24-5-102113	10/21/2013	2.8			<0.027	U		<0.0027	U		<0.0027	U		0 055	J		<0.00027	U		78			19		
		VMP-24-5-020614	2/6/2014	0.79			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00036			79			20		
		VMP-24-5-042114	4/21/2014	1.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		78			21		
		VMP-24-5-072814	7/28/2014	2.5			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0 000085	J		80			18		
		VMP-24-5-102714	10/27/2014	3.4			<0.025	U		<0.0025	U		<0.0025	U		0.15			<0.00025	U		79			17		
		VMP-24-5-020215	2/2/2015	1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00013	J		79			20		
		VMP-24-5-042715	4/27/2015	0 62			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			20		
		VMP-24-5-072115	7/21/2015	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-24-5-102915	10/29/2015	1.5			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			20		
		VMP-24-5-012716	1/27/2016	1.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00015	J		79			20		
		VMP-24-5-042916	4/29/2016	0.7			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00012	J		79			20		
		VMP-24-5-072716	7/27/2016	3.1			<0 03	U		<0.003	U		<0 003	U		0 018	J		<0 0003	U		79			18		
		VMP-24-5-102816	10/28/2016	2.2			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00012	J		79			19		
VMP-24	10 ft	VMP-24-10-021711	2/17/2011	9			<0.027	U		<0.0027	U		<0.0027	U		0.02	J		0 000078	J		79			12		
		VMP-24-10-041111	4/11/2011	6.8			<0.025	U		<0.0025	U		<0.0025	U		0 051	J		0.00015	J		77			16		
		VMP-24-10-072811	7/28/2011	8.9			<0.028	U		<0.0028	U		<0.0028	U		0.0098	J		0.00013	J		79			12		
		VMP-24-10-110211	11/2/2011	9.3			<0.016	U		<0.0016	U		<0.0016	U		0 014	J		0 000067	J		79			12		
		VMP-24-10-012512	1/25/2012	7.2			<0.016	U		<0.0016	U		<0.0016	U		<0 078	U		0.00011	J		78			15		
		VMP-24-10-041012	4/10/2012	5.7			<0.018	U		<0.0018	U		<0.0018	U		0 052	J		0.00005	J		77			17		
		VMP-24-10-071212	7/12/2012	7.2			<0.021	U		<0.0021	U		<0.0021	U		0.11			0 000027	J		78			15		
		VMP-24-10-100912	10/9/2012	6.3			<0.026	U		<0.0026	U		<0.0026	U		0.07			0 000072	J		78			16		
		VMP-24-10-012313	1/23/2013	5.3			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		0 000057	J		78			17		
		VMP-24-10-042513	4/25/2013	2.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000086	J		78			20		
		VMP-24-10-073113	7/31/2013	4.8			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			16		
		VMP-24-10-102113	10/21/2013	5.2			<0.028	U		<0.0028	U		<0.0028	U		0.03	J		<0.00028	U		78			17		
		VMP-24-10-020614	2/6/2014	2.7			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00014	J		80			17		
		VMP-24-10-042114	4/21/2014	2.5			<0.026	U		<0.0026	U		<0.0026	U		0.26			<0.00026	U		78			19		
		VMP-24-10-072814	7/28/2014	4.6			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0 000023	J		78			17		
		VMP-24-10-102714	10/27/2014	4.6			<0.024	U		<0.0024	U		<0.0024	U		1.8			<0.00024	U		78			16		
		VMP-24-10-020215	2/2/2015	1.7			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0 000099	J		79			19		
		VMP-24-10-042715	4/27/2015	1.4			<0.027	U		<0.0027	U		<0.0027	U		0 026	J		<0.00027	U		79			20		
		VMP-24-10-072115	7/21/2015	2.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			17		
		VMP-24-10-102915	10/29/2015	3.3			<0.025	U		<0.0025	U		<0.0025	U		0 019	J		<0.00025	U		79			18		
		VMP-24-10-012716	1/27/2016	2.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
		VMP-24-10-042916	4/29/2016	1.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-24-10-072716	7/27/2016	4.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			16		
		VMP-24-10-102816	10/28/2016	3.5			<0.021	U		<0.0021	U		<0.0021	U		0.0064	J		<0.00021	U		78			18		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-24	22 ft	VMP-24-22-021711	2/17/2011	9.7			<0.027	U		<0.0027	U		<0.0027	U		0.16			0.00031			78			12		
		VMP-24-22-041111	4/11/2011	9.3			<0.025	U		<0.0025	U		<0.0025	U		0 021	J		<0.00025	U		78			13		
		VMP-24-22-072811	7/28/2011	9.6			<0.025	U		<0.0025	U		<0.0025	U		0.0046	J		0.00016	J		78			12		
		VMP-24-22-072811-Dup	7/28/2011	9.7			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00017	J		78			12		
		VMP-24-22-110611	11/6/2011	7.9			<0.018	U		<0.0018	U		<0.0018	U		0.21			0.00011	J		78			14		
		VMP-24-22-012512	1/25/2012	9			<0.016	U		<0.0016	U		<0.0016	U		0.23			0.00011	J		77			14		
		VMP-24-22-041012	4/10/2012	7.7			<0.018	U		<0.0018	U		<0.0018	U		0 075	J		0 000038	J		77			15		
		VMP-24-22-071212	7/12/2012	7.3			<0.022	U		<0.0022	U		<0.0022	U		0 083	J		0 000028	J		78			15		
		VMP-24-22-100912	10/9/2012	7.7			<0.027	U		<0.0027	U		<0.0027	U		0 018	J		0 000033	J		77			15		
		VMP-24-22-012313	1/23/2013	6.4			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		0 000033	J		77			17		
		VMP-24-22-042513	4/25/2013	5.2			<0.036	U		<0.0036	U		<0.0036	U		0 021	J		<0.00036	U		77			18		
		VMP-24-22-042513-Dup	4/25/2013	5.2			<0 03	U		<0.003	U		<0 003	U		0 024	J		<0 0003	U		77			18		
		VMP-24-22-073113	7/31/2013	5.4			<0.029	U		<0.0029	U		<0.0029	U		0.13	J		<0.00029	U		78			16		
		VMP-24-22-102213	10/22/2013	6.3			<0.025	U		<0.0025	U		<0.0025	U		0.2			<0.00025	U		78			16		
		VMP-24-22-020614	2/6/2014	5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			17		
		VMP-24-22-042114	4/21/2014	4.1			<0.026	U		<0.0026	U		<0.0026	U		0.71			<0.00026	U		77			18		
		VMP-24-22-072814	7/28/2014	3.6			<0.027	U		<0.0027	U		<0.0027	U		0.03	J		0 000056	J		79			17		
		VMP-24-22-102714	10/27/2014	3.6			<0.026	U		<0.0026	U		<0.0026	U		1.4			<0.00026	U		78			17		
		VMP-24-22-020215	2/2/2015	2.2			<0.026	U		<0.0026	U		<0.0026	U		1			0.00014	J		78			19		
		VMP-24-22-042715	4/27/2015	2.6			<0.027	U		<0.0027	U		<0.0027	U		0 013	J		<0.00027	U		78			19		
		VMP-24-22-072115	7/21/2015	1.6		J	<0.026	U	UJ	<0.0026	U	UJ	<0.0026	U	UJ	5.9		J	<0.00026	U	UJ	74		J	18		J
		VMP-24-22-082415	8/24/2015	1			<0.029	U		<0.0029	U		<0.0029	U		3.2			<0.00029	U		77			19		
		VMP-24-22-082415-DUP	8/24/2015	1			<0 03	U		<0.003	U		<0 003	U		3.1			<0 0003	U		77			19		
		VMP-24-22-102915	10/29/2015	0 64			<0.029	U		<0.0029	U		<0.0029	U		2.7			0.0002	J		77			20		
		VMP-24-22-012716	1/27/2016	1.4			<0.026	U		<0.0026	U		<0.0026	U		0 011	J		0.00017	J		79			20		
		VMP-24-22-042916	4/29/2016	0.49			<0.029	U		<0.0029	U		<0.0029	U		0.15			0.00015	J		79			20		
		VMP-24-22-072716	7/27/2016	3.8			<0.029	U		<0.0029	U		<0.0029	U		0 061	J		<0.00029	U		79			17		
		VMP-24-22-102816	10/28/2016	1.7			<0.022	U		<0.0022	U		<0.0022	U		0 052	J		0.00012	J		79			19		
VMP-24	34 ft	VMP-24-34-021711	2/17/2011	10			<0.027	U		<0.0027	U		<0.0027	U		0.15			0 000049	J		79			11		
		VMP-24-34-041111	4/11/2011	9.4			<0.024	U		<0.0024	U		<0.0024	U		0 085	J		<0.00024	U		78			13		
		VMP-24-34-072811	7/28/2011	7.5			<0.021	U		<0.0021	U		<0.0021	U		0 024	J		0.00014	J		78			14		
		VMP-24-34-110611	11/6/2011	6.7			<0.014	U		<0.0014	U		<0.0014	U		0.0045	J		0 000074	J		78			15		
		VMP-24-34-012512	1/25/2012	7.6			<0.017	U		<0.0017	U		<0.0017	U		<0 084	U		0 000091	J		77			15		
		VMP-24-34-041012	4/10/2012	4.9			<0.019	U		<0.0019	U		<0.0019	U		0.12			0 000071	J		78			17		
		VMP-24-34-071212	7/12/2012	6.7			<0.018	U		<0.0018	U		<0.0018	U		0 048	J		0 000054	J		78			15		
		VMP-24-34-100912	10/9/2012	6.7			<0.028	U		<0.0028	U		<0.0028	U		0 025	J		0.00017	J		77			16		
		VMP-24-34-012313	1/23/2013	4.7			<0.14	U		<0.0029	U		<0.0029	U		<0.14	U		0.00005	J		78			17		
		VMP-24-34-050613	5/6/2013	2.6			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		78			19		
		VMP-24-34-073113	7/31/2013	4.5			<0.028	U		<0.0028	U		<0.0028	U		0.18			<0.00028	U		78			17		
		VMP-24-34-073113-Dup	7/31/2013	4.4			<0.028	U		<0.0028	U		<0.0028	U		0 053	J		<0.00028	U		80			16		
		VMP-24-34-102213	10/22/2013	4.4			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			17		
		VMP-24-34-020614	2/6/2014	2.4			<0.025	U		<0.0025	U		<0.0025	U		0 011	J		0.00017	J		78			19		
		VMP-24-34-042114	4/21/2014	2.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
		VMP-24-34-072814	7/28/2014	4.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000033	J		79			17		
		VMP-24-34-072814-DUP	7/28/2014	4.3			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			17		
		VMP-24-34-102714	10/27/2014	4.5			<0.028	U		<0.0028	U		<0.0028	U		0 061	J		<0.00028	U		80			16		
		VMP-24-34-102714-DUP	10/27/2014	4.4			<0.025	U		<0.0025	U		<0.0025	U		0 054	J		<0.00025	U		80			16		
		VMP-24-34-020215	2/2/2015	1.7			<0.024	U		<0.0024	U		<0.0024	U		0 013	J		0 000091	J		79			19		
		VMP-24-34-020215-DUP	2/2/2015	1.7			<0.023	U		<0.0023	U		<0.0023	U		0 082	J		0.00009	J		79			19		
		VMP-24-34-042715	4/27/2015	1.5			<0.035	U		<0.0035	U		<0.0035	U		<0.18	U		<0.00035	U		80			19		
		VMP-24-34-072115	7/21/2015	2.8			<0.027	U		<0.0027	U		<0.0027	U		0 084	J		<0.00027	U		80			17		
		VMP-24-34-072115-DUP	7/21/2015	2.9			<0.029	U		<0.0029	U		<0.0029	U		0 091	J		<0.00029	U		80			17		
		VMP-24-34-102915	10/29/2015	3.5			<0.026	U		<0.0026	U		<0.0026	U		0 011	J		<0.00026	U		78			18		
		VMP-24-34-012716	1/27/2016	2.8			<0 03	U		<0.003	U		<0 003	U		0 021	J		<0 0003	U		79			18		
		VMP-24-34-042916	4/29/2016	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-24-34-072716	7/27/2016	4.4			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			16		
		VMP-24-34-072716-DUP	7/27/2016	4.2			<0.022	U		<0.0022	U		<0.0022	U		0.15			<0.00022	U		80			16		
		VMP-24-34-102816	10/28/2016	5.2			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			16		
		VMP-24-34-102816-Dup	10/28/2016	5.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			16		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	5 ft	VMP-25-5-031511	3/15/2011	4.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 044			93			2.9		
		VMP-25-5-040811	4/8/2011	6.9			<0.028	U		<0.0028	U		<0.0028	U		0 024	J		0.0036			90			3.4		
		VMP-25-5-080911	8/9/2011	5.3			<0.023	U		<0.0023	U		<0.0023	U		0 012	J		0.00094			81			14		
		VMP-25-5-080911-DUP	8/9/2011	7.8			<0 02	U		<0.002	U		<0 002	U		0.25			0.0013			180			11		
		VMP-25-5-111711	11/17/2011	3.2			<0.017	U		<0.0017	U		<0.0017	U		<0 084	U		0 000071	J		86			11		
		VMP-25-5-013112	1/31/2012	2.5			<0.018	U		<0.0018	U		<0.0018	U		<0 092	U		0.0001	J		86			11		
		VMP-25-5-042512	4/25/2012	5.9			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00005	J		84			10		
		VMP-25-5-072612	7/26/2012	12			<0 02	U		<0.002	U		<0 002	U		0 075	J		0.0021			81			6.5		
		VMP-25-5-102612	10/26/2012	4.3			<0.027	U		<0.0027	U		<0.0027	U		0 026	J		0.0002	J		86			10		
		VMP-25-5-030613	3/6/2013	1.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00025	J		81			17		
		VMP-25-5-051713	5/17/2013	3.6			<0.043	U		<0.0043	U		<0.0043	U		1.2			0 077			78			17		
		VMP-25-5-081513	8/15/2013	10			<0.033	U		<0.0033	U		<0.0033	U		<0.17	U		0.00032	J		84			5.6		
		VMP-25-5-081513-Dup	8/15/2013	10			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0003			84			5.4		
		VMP-25-5-111313	11/13/2013	4.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		82			13		
		VMP-25-5-050114	5/1/2014	2.7			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00014	J		80			17		
		VMP-25-5-081414	8/14/2014	11			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00014	J		84			5.1		
		VMP-25-5-110514	11/5/2014	4.1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		87			8.6		
		VMP-25-5-021115	2/11/2015	3.6			<0.024	U		<0.0024	U		<0.0024	U		0 025	J		0 000026	J		84			12		
		VMP-25-5-050715	5/7/2015	9.1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		84			6.6		
		VMP-25-5-073015	7/30/2015	11			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00019	J		82			7.5		
		VMP-25-5-110515	11/5/2015	8.4			<0.026	U		<0.0026	U		<0.0026	U		0 016	J		<0.00026	U		87			5		
		VMP-25-5-021616	2/16/2016	3.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		82			14		
		VMP-25-5-050416	5/4/2016	3.4			<0.024	U		0.00039	J		<0.0024	U		0 022	J		0 019			87			9.6		
		VMP-25-5-080316	8/3/2016	8.2			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		0.00029	J		86			6		
		VMP-25-5-103116	10/31/2016	5.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		84			10		
VMP-25	21 ft	VMP-25-21-031511	3/15/2011	15			<0.024	U		0.029			<0.0024	U		<0.12	U		30			50			1.1		
		VMP-25-21-031511-DUP	3/15/2011	14			<0.024	U		0.029			<0.0024	U		<0.12	U		29			52			1.2		
		VMP-25-21-040811	4/8/2011	14			<0.025	U		0.02			<0.0025	U		0 009	J		26			54			2.8		
		VMP-25-21-040811-DUP	4/8/2011	13			<0.026	U		0.02			<0.0026	U		0 026	J		25			56			3.3		
		VMP-25-21-080911	8/9/2011	9.2			<0.026	U		0.016			<0.0026	U		0.0086	J		22			61			7.3		
		VMP-25-21-111711	11/17/2011	13			<0.017	U		0.019			<0.0017	U		0.0055	J		26			54			3.8		
		VMP-25-21-111711-DUP	11/17/2011	13			<0.017	U		0.019			<0.0017	U		0.0039	J		26			54			4		
		VMP-25-21-013112	1/31/2012	15			<0.018	U		0.022			<0.0018	U		<0 088	U		30			51			1.2		
		VMP-25-21-013112-DUP	2/1/2012	15			<0.018	U		0.022			<0.0018	U		<0 088	U		30			51			1.1		
		VMP-25-21-042512	4/25/2012	14			<0.018	U		0.022			<0.0018	U		0 011	J		30			52			1.2		
		VMP-25-21-072612	7/26/2012	13			<0 02	U		0.024			<0 002	U		0.0099	J		32			50			1.9		
		VMP-25-21-102612	10/26/2012	15			<0.026	U		0.024			<0.0026	U		<0.13	U		39			41			1.4		
		VMP-25-21-030613	3/6/2013	12			<0.024	U		0.021			<0.0024	U		1.7			31			48			3.9		
		VMP-25-21-051713	5/17/2013	14			<0.027	U		0.032			<0.0027	U		<0.14	U		29			53			1.4		
		VMP-25-21-081513	8/15/2013	14			<0.028	U		0.06			<0.0028	U		0 032	J		19			64			1.7		
		VMP-25-21-111313	11/13/2013	14			<0.023	U		0.076			<0.0023	U		0 036	J		14			68			2.3		J
		VMP-25-21-111313-Dup	11/13/2013	14			<0.023	U		0.079			<0.0023	U		0 012	J		15			68			1.5		J
		VMP-25-21-050114	5/1/2014	13			<0.025	U		0.072			<0.0025	U		<0.13	U		9 9			75			1.6		
		VMP-25-21-081414	8/14/2014	14			<0.026	U		0.11			<0.0026	U		<0.13	U		8			76			1.5		
		VMP-25-21-110514	11/5/2014	14			<0.033	U		0.1			<0.0033	U		0.01	J		7.4			76			1.9		
		VMP-25-21-021115	2/11/2015	14			<0.025	U		0.086			<0.0025	U		<0.12	U		7 2			77			1.6		
		VMP-25-21-050715	5/7/2015	12			<0.024	U		0.095			<0.0024	U		0.02	J		7 3			78			2.2		
		VMP-25-21-073015	7/30/2015	12			<0.026	U		0.15			<0.0026	U		0 028	J		7.1			79			1.7		
		VMP-25-21-110515	11/5/2015	12			<0.029	U		0.081			<0.0029	U		<0.14	U		4 2			81			3		
		VMP-25-21-050416	5/4/2016	0 06			<0 03	U		<0.003	U		<0 003	U		0.12	J		0.00021	J		80			20		
		VMP-25-21-080316	8/3/2016	0.47			<0.028	U		<0.0028	U		<0.0028	U		0.6			0.00014	J		80			19		
		VMP-25-21-103116	10/31/2016	0.75			<0.026	U		<0.0026	U		<0.0026	U		0.3			0.00015	J		80			19		
		VMP-25-21-103116-Dup	10/31/2016	0.76			<0.024	U		<0.0024	U		<0.0024	U		0.28			0.00014	J		80			19		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-25	31 ft	VMP-25-31-030613	3/6/2013	12			<0.024	U		0.035			<0.0024	U		<0.12	U		26			57			2.2		
		VMP-25-31-081513	8/15/2013	12			<0.051	U		0.048			<0.0051	U		0 023	J		17			65			4.2		
		VMP-25-31-111313	11/13/2013	13			<0.024	U		0.072			<0.0024	U		0 057	J		13			70			3.1		
		VMP-25-31-050114	5/1/2014	12			<0.023	U		0.039			<0.0023	U		<0.12	U		6			80			1.6		
		VMP-25-31-081414	8/14/2014	13			<0.029	U		0.1			<0.0029	U		0 016	J		7 8			77			1.6		
		VMP-25-31-110514	11/5/2014	14			<0.026	U		0.1			<0.0026	U		0 058	J		7.1			76			2.3		
		VMP-25-31-021115	2/11/2015	14			<0.024	U		0.086			<0.0024	U		0 018	J		7 2			76			2.3		
		VMP-25-31-021115-DUP	2/11/2015	13			<0.023	U		0.085			<0.0023	U		0 018	J		7			77			2.3		
		VMP-25-31-050715	5/7/2015	12			<0.026	U		0.091			<0.0026	U		0 023	J		7			79			1.9		
		VMP-25-31-050715-DUP	5/7/2015	12			<0.025	U		0.092			<0.0025	U		0 028	J		7.1			78			2.4		
		VMP-25-31-073015	7/30/2015	12			<0 03	U		0.15			<0 003	U		<0.15	U		6 8			78			2.4		
		VMP-25-31-073015-DUP	7/30/2015	12			<0.027	U		0.14			<0.0027	U		0 012	J		6 5			79			2.5		
		VMP-25-31-110515	11/5/2015	12			<0.032	U		0.081			<0.0032	U		<0.16	U		4 3			81			2.2		
		VMP-25-31-021616	2/16/2016	10			<0.026	U		0.033			<0.0026	U		0 026	J		2 2			86			2.1		
		VMP-25-31-021616-DUP	2/16/2016	10			<0.026	U		0.034			<0.0026	U		0 016	J		2 3			86			2		
		VMP-25-31-050416	5/4/2016	12			<0.028	U		0.034			<0.0028	U		0.12	J		2 8			82			3.2		
		VMP-25-31-080316	8/3/2016	6.8			<0.027	U		0.00042	J		<0.0027	U		0 011	J		0 056			86			7.4		
		VMP-25-31-080316-DUP	8/3/2016	6.3			<0.024	U		0.00032	J		<0.0024	U		0.0083	J		0 045			85			9		
		VMP-25-31-103116	10/31/2016	14			<0.024	U		0.1			<0.0024	U		<0.12	U		7			77			1.8		
VMP-29	10 ft	VMP-29-10-073012	7/30/2012	9.1			<0 02	U		<0.002	U		<0 002	U		<0.1	U		<0 0002	U		81			9.5		
		VMP-29-10-100812	10/8/2012	8.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		82			10		
		VMP-29-10-020613	2/6/2013	1.2			<0.14	U		<0.0028	U		<0.0028	U		0.15			0.00009	J		79			20		
		VMP-29-10-050613	5/6/2013	0.46			<0.027	U		<0.0027	U		<0.0027	U		0.35			<0.00027	U		78			21		
		VMP-29-10-080513	8/5/2013	0.057			<0.027	U		<0.0027	U		<0.0027	U		0.0036	J		0.00021	J		80			20		
		VMP-29-10-083013	8/30/2013	0.12			<0 03	U		<0.003	U		<0 003	U		0 078	J		0.00021	J		80			20		
		VMP-29-10-102513	10/25/2013	0.15			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			21		
		VMP-29-10-021214	2/12/2014	0 07			<0.024	U		<0.0024	U		<0.0024	U		0 015	J		0.00018	J		79			21		
		VMP-29-10-042914	4/29/2014	0.1			<0.027	U		<0.0027	U		<0.0027	U		0 063	J		0.00013	J		79			21		
		VMP-29-10-081214	8/12/2014	0.14			<0.029	U		<0.0029	U		<0.0029	U		0 018	J		0.00012	J		80			20		
		VMP-29-10-110315	11/3/2014	0.13			<0.028	U		<0.0028	U		<0.0028	U		0.0095	J		<0.00028	U		79			21		
		VMP-29-10-020515	2/5/2015	0.054			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		79			21		
		VMP-29-10-050615	5/6/2015	0.093			<0.029	U		<0.0029	U		<0.0029	U		0.25			0.00017	J		80			20		
		VMP-29-10-072715	7/27/2015	0.14			<0.027	U		<0.0027	U		<0.0027	U		0 015	J		0.00024	J		80			20		
		VMP-29-10-103015	10/30/2015	0.068			<0.026	U		<0.0026	U		<0.0026	U		0 013	J		0.0002	J		78			22		
		VMP-29-10-012716	1/27/2016	0.075			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-29-10-050216	5/2/2016	0.1			<0.027	U		<0.0027	U		<0.0027	U		0 016	J		0.00014	J		80			20		
		VMP-29-10-072816	7/28/2016	0.4			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		83			17		
		VMP-29-10-120916	12/9/2016	0 23			<0.025	U		<0.0025	U		<0.0025	U		0.0097	J		<0.00025	U		80			20		
	20 ft	VMP-29-20-073012	7/30/2012	9.8			<0 02	U		<0.002	U		<0 002	U		<0.1	U		0 000078	U		81			8.8		
		VMP-29-20-073012-Dup	7/30/2012	9.3			<0.025	U		<0.0025	U		<0.0025	U		0.06			0.00003	J		81			9.6		
		VMP-29-20-100812	10/8/2012	9.5			<0.028	U		<0.0028	U		<0.0028	U		0 018			0.00011	J		81			9.1		
		VMP-29-20-020613	2/6/2013	0 32			<0.14	U		<0.0028	U		<0.0028	U		0.16	J		0.00021	J		78			21		
		VMP-29-20-050613	5/6/2013	1			<0.028	U		<0.0028	U		<0.0028	U		<0.14			<0.00028	J		79			20		
		VMP-29-20-080513	8/5/2013	0 28			<0.028	U		<0.0028	U		<0.0028	U		0.14	U		0.00016	U		80			20		
		VMP-29-20-102513	10/25/2013	0.18			<0.028	U		<0.0028	U		<0.0028	U		0.19	U		0.00011	J		79			21		
		VMP-29-20-021214	2/12/2014	0.086			<0.026	U		<0.0026	U		<0.0026	U		0.05	U		0.00014	J		78			22		
		VMP-29-20-042914	4/29/2014	0.078			<0.024	U		<0.0024	U		<0.0024	U		0.13			0.00014	J		79			21		
		VMP-29-20-081214	8/12/2014	0.19			<0.028	U		<0.0028	U		<0.0028	U		<0.14	J		<0.00028	J		80			20		
		VMP-29-20-110315	11/3/2014	0 09			<0.028	U		<0.0028	U		<0.0028	U		<0.14	J		0.00015	J		79			21		
		VMP-29-20-020515	2/5/2015	0.065			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0 000059	J		80			20		
		VMP-29-20-050615	5/6/2015	0.051			<0.029	U		<0.0029	U		<0.0029	U		0.35	J		0.0002	U		80			20		
		VMP-29-20-072715	7/27/2015	0 05			<0.036	U		<0.0036	U		<0.0036	U		0.04	U		0.00024	U		80			20		
		VMP-29-20-103015	10/30/2015	0.041			<0.027	U		<0.0027	U		<0.0027	U		0 023	U		0.00023	U		78			22		
		VMP-29-20-020416-R	2/4/2016	0.094			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		0.00012	J		80			20		
		VMP-29-20-050216	5/2/2016	0.16			<0.026	U		<0.0026	U		<0.0026	U		0.0092	J		<0.00026	J		80			20		
		VMP-29-20-072816	7/28/2016	0 26			<0.028	U		<0.0028	U		<0.0028	U		<0.14	J		<0.00028	J		80			20		
		VMP-29-18-110316	11/3/2016	0.46			<0.026	U		<0.0026	U		<0.0026	U		<0.13			<0.00026	J		80			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-29	26 ft	VMP-29-30-073012	7/30/2012	11			<0.021	U		<0.0021	U		<0.0021	U		0 012	J		0 000027	J		82			6.6		
		VMP-29-30-100812	10/8/2012	12			<0 03	U		<0.003	U		<0 003	U		0 026	J		0 000021	J		82			6.1		
		VMP-29-30-020613	2/6/2013	1.8			<0.14	U		<0.0029	U		<0.0029	U		0 043			0.00014	J		78			20		
		VMP-29-30-050613	5/6/2013	1			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		78			21		
		VMP-29-30-080513	8/5/2013	0 29			<0.029	U		<0.0029	U		<0.0029	U		0 016	J		0.00018	J		80			20		
		VMP-29-30-080513-Dup	8/5/2013	0 29			<0 03	U		<0.003	U		<0 003	U		0 042	J		0.00017	J		80			20		
		VMP-29-30-102513	10/25/2013	0 22			<0.028	U		<0.0028	U		<0.0028	U		1.4			0.00014	J		78			20		
		VMP-29-30-021214	2/12/2014	0.18			<0.023	U		<0.0023	U		<0.0023	U		0.24			0 000086	J		78			21		
		VMP-29-30-042914	4/29/2014	0.088			<0.027	U		<0.0027	U		<0.0027	U		0.06	J		0.00015	J		79			21		
		VMP-29-30-081214	8/12/2014	0 22			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			20		
		VMP-29-30-111214-R	11/12/2014	0.098			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0002	J		79			21		
		VMP-29-30-111214-R-DUP	11/12/2014	0.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00022	J		79			21		
		VMP-29-30-020615	2/6/2015	0.076			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00019	J		80			20		
		VMP-29-30-050615	5/6/2015	0.097			<0.028	U		<0.0028	U		<0.0028	U		0.18			0.0002	J		80			20		
		VMP-29-30-050615-DUP	5/6/2015	0.087			<0.027	U		<0.0027	U		<0.0027	U		0.18			0.0002	J		80			20		
		VMP-29-30-080315	8/3/2015	0.094			<0 03	U		<0.003	U		<0 003	U		0.07	J		0.00021	J		79			21		
		VMP-29-30-103015	10/30/2015	0 26			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-29-30-012716	1/27/2016	0.19			<0.028	U		<0.0028	U		<0.0028	U		0 025	J		<0.00028	U		79			21		
		VMP-29-30-050216	5/2/2016	0.17			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-29-30-072816	7/28/2016	0.045			<0.033	U		<0.0033	U		<0.0033	U		<0.16	U		<0.00033	U		81			19		
		VMP-29-26-110316	11/3/2016	0 33			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00015	J		80			20		
		VMP-29-26-110316-Dup	11/3/2016	0 33			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00015	J		80			20		
VMP-30	10 ft	VMP-30-10-073012	7/30/2012	5.1			<0.019	U		<0.0019	U		<0.0019	U		0 007	J		0 000019	J		80			15		
		VMP-30-10-100812	10/8/2012	2.5			<0.028	U		<0.0028	U		<0.0028	U		0 028	J		0 000049	J		79			18		
		VMP-30-10-020613	2/6/2013	0.094			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0 000058	J		78			22		
		VMP-30-10-050613	5/6/2013	0.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0012			79			21		
		VMP-30-10-080513	8/5/2013	0.069			<0.056	U		<0.0056	U		<0.0056	U		<0.28	U		<0.00056	U		77			23		
		VMP-30-10-102813	10/28/2013	0.042			<0.029	U		<0.0029	U		<0.0029	U		0 017	J		0.00015	J		79			21		
		VMP-30-10-021214	2/12/2014	0.048			<0.028	U		<0.0028	U		<0.0028	U		0 011	J		0.00016	J		79			21		
		VMP-30-10-042914	4/29/2014	0 05			<0.025	U		<0.0025	U		<0.0025	U		0.4			0.04			78			21		
		VMP-30-10-080814	8/8/2014	0.042			<0 03	U		<0.003	U		<0 003	U		0 033	J		0.00029	J		80			20		
		VMP-30-10-110414	11/4/2014	0.046			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00013	J		79			21		
		VMP-30-10-020615	2/6/2015	0.042			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00016	J		80			20		
		VMP-30-10-050515	5/5/2015	0.046			<0.023	U		<0.0023	U		<0.0023	U		0 015	J		0.00014	J		79			21		
		VMP-30-10-072715	7/27/2015	0.17			<0.026	U		<0.0026	U		<0.0026	U		0.03	J		0.00023	J		80			20		
		VMP-30-10-103015	10/30/2015	0.048			<0.025	U		<0.0025	U		<0.0025	U		0 031	J		0.00019	J		78			22		
		VMP-30-10-020416	2/4/2016	0.046			<0.026	U		<0.0026	U		<0.0026	U		0 036	J		0.00018	J		80			20		
		VMP-30-10-050216	5/2/2016	0.044			<0.026	U		<0.0026	U		<0.0026	U		0 016	J		0.00022	J		79			21		
		VMP-30-10-072816	7/28/2016	0.12			<0.027	U		<0.0027	U		<0.0027	U		0 025	J		0.00021	J		79			21		
		VMP-30-10-110316	11/3/2016	0.11			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.0002	J		80			20		
	18 ft	VMP-30-20-073012	7/30/2012	12			<0.019	U		<0.0019	U		<0.0019	U		0 029	J		0 000091	J		83			5		
		VMP-30-20-100812	10/8/2012	11			<0.029	U		<0.0029	U		<0.0029	U		0 036			0 000089	J		81			8.3		
		VMP-30-20-020613	2/6/2013	0 52			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0.00013	J		78			21		
		VMP-30-20-050613	5/6/2013	0 33			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-30-20-080513	8/5/2013	0 22			<0.028	U		<0.0028	U		<0.0028	U		0 025	J		0.00015	J		80			20		
		VMP-30-20-102813	10/28/2013	0.19			<0.029	U		<0.0029	U		<0.0029	U		1.5			<0.00029	U		78			20		
		VMP-30-20-021214	2/12/2014	0.072			<0.024	U		<0.0024	U		<0.0024	U		0.0095	J		0.00021	J		78			22		
		VMP-30-20-042914	4/29/2014	0.081			<0.025	U		<0.0025	U		<0.0025	U		0 031	J		0.00014	J		78			22		
		VMP-30-20-080814	8/8/2014	0.038			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00019	J		79			21		
		VMP-30-20-110414	11/4/2014	0.099			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			21		
		VMP-30-20-020615	2/6/2015	0 05			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00012	J		79			21		
		VMP-30-20-050515	5/5/2015	0.054			<0.027	U		<0.0027	U		<0.0027	U		0.55			0.0002	J		78			21		
		VMP-30-20-072715	7/27/2015	0.12			<0.026	U		<0.0026	U		<0.0026	U		0 052	J		0.00022	J		80			20		
		VMP-30-20-103015	10/30/2015	0.084			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		78			22		
		VMP-30-20-012716	1/27/2016	0.064			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00021	J		79			21		
		VMP-30-20-050216	5/2/2016	0.046			<0 03	U		<0.003	U		<0 003	U		0.02	J		0.00016	J		79			21		
		VMP-30-20-072816	7/28/2016	0.17			<0 03	U		<0.003	U		<0 003	U		0.68			0.00022	J		79			20		
		VMP-30-18-110316	11/3/2016	0.17			<0.026	U		<0.0026	U		<0.0026	U		0 055	J		0.00016	J		80			20		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-30	26 ft	VMP-30-30-073012	7/30/2012	14			<0 02	U		<0.002	U		<0 002	U		0.0098	J		0 002			84			2.4		
		VMP-30-30-100812	10/8/2012	14			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.0005			81			5.4		
		VMP-30-30-020613	2/6/2013	1.8			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0.00008	J		78			20		
		VMP-30-30-050613	5/6/2013	0 55			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		78			21		
		VMP-30-30-081413	8/14/2013	0.068			<0 03	U		<0.003	U		<0 003	U		0 035	J		0.00017	J		79			21		
		VMP-30-30-102813	10/28/2013	0 22			<0 03	U		<0.003	U		<0 003	U		0 037	J		<0 0003	U		79			21		
		VMP-30-30-021214	2/12/2014	0.057			<0.023	U		<0.0023	U		<0.0023	U		0 017	J		0.00051			78			22		
		VMP-30-30-042914	4/29/2014	0.071			<0.023	U		<0.0023	U		<0.0023	U		0 027	J		0.00017	J		79			21		
		VMP-30-30-042914-DUP	4/29/2014	0.078			<0.025	U		<0.0025	U		<0.0025	U		0 053	J		0.00016	J		79			21		
		VMP-30-30-080814	8/8/2014	0.046			<0.027	U		<0.0027	U		<0.0027	U		0 034	J		0.00019	J		79			21		
		VMP-30-30-110414	11/4/2014	0.11			<0.024	U		<0.0024	U		<0.0024	U		0 024	J		<0.00024	U		79			21		
		VMP-30-30-020615	2/6/2015	0.065			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00016	J		80			20		
		VMP-30-30-050515	5/5/2015	0.048			<0.026	U		<0.0026	U		<0.0026	U		1.3			0.00019	J		78			21		
		VMP-30-30-050515-DUP	5/5/2015	0.049			<0.028	U		<0.0028	U		<0.0028	U		1.4			0.00023	J		78			21		
		VMP-30-30-072715	7/27/2015	0.11			<0 03	U		<0.003	U		<0 003	U		0 048	J		<0 0003	U		80			20		
		VMP-30-30-103015	10/30/2015	0.083			<0.024	U		<0.0024	U		<0.0024	U		0 021	J		0.00019	J		78			22		
		VMP-30-30-012716	1/27/2016	0.1			<0.026	U		<0.0026	U		<0.0026	U		0 013	J		<0.00026	U		79			21		
		VMP-30-30-050216	5/2/2016	0.061			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00016	J		79			21		
		VMP-30-30-072816	7/28/2016	0.1			<0 03	U		<0.003	U		<0 003	U		0.0099	J		0.00019	J		80			20		
		VMP-30-30-072816-DUP	7/28/2016	0.085			<0.024	U		<0.0024	U		<0.0024	U		0.11	J		0.00019	J		80			20		
		VMP-30-26-110316	11/3/2016	0.093			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00017	J		80			20		
VMP-31	5 ft	VMP-31-5-042512	4/25/2012	0 92			<0.027	U		<0.0027	U		<0.0027	U		0 094	J		0.00011	J		80			19		
		VMP-31-5-072012	7/20/2012	0 63			<0.019	U		<0.0019	U		<0.0019	U		1.3			0.00023			78			20		
		VMP-31-5-102612	10/26/2012	0.47			<0.028	U		<0.0028	U		<0.0028	U		0 062	J		0.00016	J		80			20		
		VMP-31-5-021113	2/11/2013	0.16			<0.13	U		<0.0026	U		<0.0026	U		0.29			0.00012	J		80			20		
		VMP-31-5-051513	5/15/2013	0 81			<0.029	U		<0.0029	U		<0.0029	U		0 077	J		0.00019	J		79			20		
		VMP-31-5-022614	2/26/2014	0.048			<0.023	U		<0.0023	U		<0.0023	U		0.68			0.00022	J		78			21		
	10 ft	VMP-31-10-042512	4/25/2012	1.1			<0.025	U		<0.0025	U		<0.0025	U		0.22			0.00012	J		80			19		
		VMP-31-10-072612	7/26/2012	0 99			<0 02	U		<0.002	U		<0 002	U		<0 098	U		0.00023			79			20		
		VMP-31-10-102612	10/26/2012	0 57			<0 03	U		<0.003	U		<0 003	U		2.6			0.00014	J		77			20		
		VMP-31-10-021313	2/13/2013	0.18			<0.14	U		<0.0028	U		<0.0028	U		0.32			0.00015	J		78			21		
		VMP-31-10-051713	5/17/2013	1.3			<0.032	U		<0.0032	U		<0.0032	U		0.12	J		0.00031	J		80			19		
		VMP-31-10-111313	11/13/2013	0.16			<0.025	U		<0.0025	U		<0.0025	U		0 043	J		0.00016	J		79			21		
		VMP-31-10-022714	2/27/2014	0.067			<0.025	U		<0.0025	U		<0.0025	U		0 012	J		0.00029			78			22		
	20 ft	VMP-31-20-101912	10/19/2012	8			<0.028	U		<0.0028	U		<0.0028	U		0.21			0 014			82			9.9		
		VMP-31-20-021113	2/11/2013	3.6			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		0.0044			78			18		
		VMP-31-20-111213	11/12/2013	0.079			<0.025	U		<0.0025	U		<0.0025	U		0.54			0.00018	J		78			21		
	30 ft	VMP-31-30-042512	4/25/2012	11			<0 02	U		0.00049	J		0.000081	J		0 016	J		1 2			86			1.8		
		VMP-31-30-042512-Dup	4/25/2012	12			<0 02	U		0.00022	J		<0 002	U		0.0094	J		0.92			85			1.7		
		VMP-31-30-072012	7/20/2012	9.3			<0.019	U		<0.0019	U		<0.0019	U		0 023	J		0 079			83			7.8		
		VMP-31-30-101912	10/19/2012	2.5			<0.028	U		<0.0028	U		<0.0028	U		0 021	J		0.0031			79			18		
		VMP-31-30-021113	2/11/2013	11			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		0.0088			83			5.6		
		VMP-31-30-050713	5/7/2013	13			<0 03	U		0.00091	J		<0 003	U		0 012	J		3.4			81			1.8		
		VMP-31-30-080913	8/9/2013	5			<0.031	U		<0.0031	U		<0.0031	U		2.6			0.0004			77			15		
		VMP-31-30-111213	11/12/2013	4.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			17		
		VMP-31-30-022614	2/26/2014	12			<0.025	U		0 0011	J		<0.0025	U		0 021	J		5 3			77			2.5		
VMP-32	5 ft	VMP-32-5-042512	4/25/2012	0 29			<0.026	U		<0.0026	U		<0.0026	U		0 066	J		0.0002	J		79			21		
		VMP-32-5-072012	7/20/2012	1.1			<0.017	U		<0.0017	U		<0.0017	U		0 095			0.00016	J		79			20		
		VMP-32-5-101812	10/18/2012	0 88			<0.032	U		<0.0032	U		<0.0032	U		0 024	J		0 000068	J		81			18		
		VMP-32-5-020513	2/5/2013	0 25			<0.13	U		<0.0025	U		<0.0025	U		<0.13	U		0.00013	J		79			21		
		VMP-32-5-050713	5/7/2013	0.44			<0.027	U		<0.0027	U		<0.0027	U		0.14			0.00029			78			21		
		VMP-32-5-080213	8/2/2013	1.7			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		0.00021	J		80			18		
		VMP-32-5-110813	11/8/2013	0.47			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00014	J		80			20		
		VMP-32-5-050114	5/1/2014	0 67			<0.022	U		<0.0022	U		<0.0022	U		1.7			0.00014	J		78			20		
		VMP-32-5-081314	8/13/2014	0.75			<0.027	U		<0.0027	U		<0.0027	U		1.8			0.00016	J		77			20		
		VMP-32-5-110714	11/7/2014	0 34			<0.025	U		<0.0025	U		<0.0025	U		0.45			0.00022	J		79			20		
		VMP-32-5-021015	2/10/2015	0.073			<0.021	U		<0.0021	U		<0.0021	U		0 029	J		0.00018	J		79			21		
		VMP-32-5-073115	7/31/2015	0 27		J	<0.028	U	UJ	<0.0028	U	UJ	<0.0028	U	UJ	9		J	0.0002	J	J	73		J	18		J
		VMP-32-5-082415	8/24/2015	0 26			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00023	J		80			20		
		VMP-32-5-110415	11/4/2015	0 35			<0 03	U		<0.003	U		<0 003	U		0 069	J		<0 0003	U		79			21		
		VMP-32-5-012616	1/26/2016	0.41			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-32-5-042716	4/27/2016	0.7			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-32-5-072616	7/26/2016	2.6			<0.029	U		<0.0029	U		<0.0029	U		0.0091	J		<0.00029	U		79			18		
		VMP-32-5-102716	10/27/2016	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-32	10 ft	VMP-32-10-041612	4/16/2012	2.3			<0.023	U		<0.0023	U		<0.0023	U		0.15			0.00013	J		76			22		
		VMP-32-10-072012	7/20/2012	3.7			<0 02	U		<0.002	U		<0 002	U		0 056	J		0 000063	J		79			17		
		VMP-32-10-101812	10/18/2012	3.4			<0 03	U		<0.003	U		<0 003	U		0 018	J		0 000036	J		80			17		
		VMP-32-10-020513	2/5/2013	2.2			<0.13	U		<0.0025	U		<0.0025	U		<0.13	U		0 000027	J		79			19		
		VMP-32-10-050713	5/7/2013	2.6			<0.028	U		<0.0028	U		<0.0028	U		0 014	J		<0.00028	U		79			18		
		VMP-32-10-080213	8/2/2013	4.8			<0.027	U		<0.0027	U		<0.0027	U		0 014	J		<0.00027	U		79			16		
		VMP-32-10-082313-R	8/23/2013	4.6			<0.029	U		<0.0029	U		<0.0029	U		0 036	J		<0.00029	U		79			16		
		VMP-32-10-082313-R-DUP	8/23/2013	4.6			<0.032	U		<0.0032	U		<0.0032	U		0 038	J		0.00017	J		79			16		
		VMP-32-10-110813	11/8/2013	2.9			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			18		
		VMP-32-10-022814	2/28/2014	1.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			20		
		VMP-32-10-050114	5/1/2014	2			<0.022	U		<0.0022	U		<0.0022	U		0.0085	J		<0.00022	U		79			19		
		VMP-32-10-081314	8/13/2014	3.4			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			17		
		VMP-32-10-110714	11/7/2014	2.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-32-10-021015	2/10/2015	0 55			<0.025	U		<0.0025	U		<0.0025	U		0 071	J		0.00011	J		79			20		
		VMP-32-10-051115	5/11/2015	0 58		J	<0.032	U	UJ	<0.0032	U	UJ	<0.0032	U	UJ	10		J	<0.00032	U	UJ	72		J	17		J
		VMP-32-10-052915-R	5/29/2015	1.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-32-10-110415	11/4/2015	0 86			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-32-10-012616	1/26/2016	0.44			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-32-10-042716	4/27/2016	0.73			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			19		
		VMP-32-10-072616	7/26/2016	2.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-32-10-102716	10/27/2016	1.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
	20 ft	VMP-32-20-041612	4/16/2012	3.7			<0 02	U		<0.002	U		<0 002	U		0 057	J		0.00013	J		80			16		
		VMP-32-20-072012	7/20/2012	4.9			<0.019	U		<0.0019	U		<0.0019	U		0 022	J		0 000079	J		81			14		
		VMP-32-20-101812	10/18/2012	4.8			<0.028	U		<0.0028	U		<0.0028	U		0 013	J		0 000027	J		79			16		
		VMP-32-20-020513	2/5/2013	3.4			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		0 000026	J		79			18		
		VMP-32-20-050713	5/7/2013	4.3			<0.031	U		<0.0031	U		<0.0031	U		0 049	J		<0.00031	U		80			16		
		VMP-32-20-050713-Dup	5/7/2013	4.3			<0.028	U		<0.0028	U		<0.0028	U		0 042	J		<0.00028	U		80			16		
		VMP-32-20-080213	8/2/2013	5.5			<0 03	U		<0.003	U		<0 003	U		0.17			0.00016	J		80			14		
		VMP-32-20-110813	11/8/2013	4.7			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			16		
		VMP-32-20-022814	2/28/2014	2.8			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			19		
		VMP-32-20-050514	5/5/2014	3.5			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			17		
		VMP-32-20-081314	8/13/2014	3.9			<0.027	U		<0.0027	U		<0.0027	U		0.87			<0.00027	U		78			17		
		VMP-32-20-110714	11/7/2014	4.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			17		
		VMP-32-20-021015	2/10/2015	0.44			<0.027	U		<0.0027	U		<0.0027	U		0.22			0.00016	J		78			21		
		VMP-32-20-051115	5/11/2015	0.6			<0.027	U		<0.0027	U		<0.0027	U		0.92			0.00016	J		78			20		
		VMP-32-20-080315	8/3/2015	0.16			<0.027	U		<0.0027	U		<0.0027	U		1.7			0.0002	J		78			20		
		VMP-32-20-110415	11/4/2015	0.11			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00023	J		79			21		
		VMP-32-20-110415-DUP	11/4/2015	0.11			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00021	J		79			21		
		VMP-32-20-021616	2/16/2016	0.054			<0.023	U		<0.0023	U		<0.0023	U		0 026	J		0.00023			78			22		
		VMP-32-20-042716	4/27/2016	0.11			<0.028	U		<0.0028	U		<0.0028	U		1.9			0.00022	J		78			20		
		VMP-32-20-082616-R	8/29/2016	0.17			<0.035	U		<0.0035	U		<0.0035	U		0.14	J		0.0002	J		80			20		
		VMP-32-20-102716	10/27/2016	0.056			<0.025	U		<0.0025	U		<0.0025	U		0.13			0.0002	J		79			21		
	30 ft	VMP-32-30-041612	4/16/2012	11			<0.019	U		0.00022	J		<0.0019	U		0.1			0.83			86			1.9		
		VMP-32-30-072012	7/20/2012	11			<0.019	U		0 0001	J		<0.0019	U		0 059	J		0.44			87			1.6		
		VMP-32-30-101812	10/18/2012	10			<0.028	U		<0.0028	U		<0.0028	U		0 013	J		0 015			83			7		
		VMP-32-30-020513	2/5/2013	14			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		0.00075			82			4.3		
		VMP-32-30-050713	5/7/2013	14			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.29			84			1.9		
		VMP-32-30-080213	8/2/2013	14			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0 096			84			2.4		
		VMP-32-30-110813	11/8/2013	15			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0 016			83			1.8		
		VMP-32-30-022814	2/28/2014	11		J	<0.023	U		<0.0023	U		<0.0023	U		0.0083	J		0.0048		J	81			7.9		J
		VMP-32-30-022814-Dup	2/28/2014	16		J	<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.0067		J	82			1.9		J
		VMP-32-30-050114	5/1/2014	13			<0.025	U		<0.0025	U		<0.0025	U		1.5			0 068			80			4.8		
		VMP-32-30-081314	8/13/2014	6.3			<0.036	U		<0.0036	U		<0.0036	U		2.7			0.0004			77			14		
		VMP-32-30-081314-DUP	8/13/2014	6.6			<0.026	U		<0.0026	U		<0.0026	U		2.3			0.00042			79			12		
		VMP-32-30-110714	11/7/2014	3.4			<0.026	U		<0.0026	U		<0.0026	U		2.6			0.00044			77			17		
		VMP-32-30-110714-DUP	11/7/2014	3.1			<0 03	U		<0.003	U		<0 003	U		2.3			0.00036			76			19		
		VMP-32-30-021015	2/10/2015	1.5			<0.025	U		<0.0025	U		<0.0025	U		0.14			0.00015	J		78			20		
		VMP-32-30-050515	5/5/2015	1.1			<0.026	U		<0.0026	U		<0.0026	U		1.2			<0.00026	U		78			20		
		VMP-32-30-073115	7/31/2015	0.094		J	<0.028	U	UJ	<0.0028	U	UJ	<0.0028	U	UJ	6.7		J	<0.00028	U	UJ	74		J	19		J
		VMP-32-30-073115-DUP	7/31/2015	0.092		J	<0.031	U	UJ	<0.0031	U	UJ	<0.0031	U	UJ	6.7		J	<0.00031	U	UJ	74		J	19		J
		VMP-32-30-082415	8/24/2015	0.3			<0.028	U		<0.0028	U		<0.0028	U		0.55			0.00021	J		79			20		
		VMP-32-30-082415-DUP	8/24/2015	0 32			<0.027	U		<0.0027	U		<0.0027	U		0.56			0.00019	J		79			20		
		VMP-32-30-110415	11/4/2015	0.48			<0.029	U		<0.0029	U		<0.0029	U		0.22			0.00018	J		78			21		
		VMP-32-30-020216	2/2/2016	0.1			<0.026	U		<0.0026	U		<0.0026	U		0.2			0.0002	J		79			21		
		VMP-32-30-042716	4/27/2016	0.069			<0.029	U		<0.0029	U		<0.0029	U		1.1			0.00017	J		79			20		
		VMP-32-30-072616	7/26/2016	1.8			<0.028	U		<0.0028	U		<0.0028	U		0 037	J		<0.00028	U		80			18		
		VMP-32-30-102716	10/27/2016	0.48			<0.027	U		<0.0027	U		<0.0027	U		1.3			0.00018	J		78			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-41	10 ft	VMP-41-10-072712	7/27/2012	5.2			<0 02	U		<0.002	U		<0 002	U		0 019	J		0.00014	J		80			15		
		VMP-41-10-100912	10/9/2012	4.8			<0 03	U		<0.003	U		<0 003	U		0 011	J		0 000022	J		81			14		
		VMP-41-10-012913	1/29/2013	0.41			<0.15	U		<0.003	U		<0 003	U		<0.15	U		0 000038	J		78			21		
		VMP-41-10-043013	4/30/2013	0.3			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			21		
		VMP-41-10-080213	8/2/2013	0 32			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0.00015	J		80			20		
		VMP-41-10-102913	10/29/2013	0.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00011	J		79			21		
		VMP-41-10-021114	2/11/2014	0.067			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00011	J		78			22		
		VMP-41-10-042214	4/22/2014	0 23			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			21		
		VMP-41-10-073114	7/31/2014	0.2			<0.026	U		<0.0026	U		<0.0026	U		0.0071	J		0 000097	J		80			20		
		VMP-41-10-102814	10/28/2014	0.18			<0.025	U		<0.0025	U		<0.0025	U		1.6			<0.00025	U		78			20		
		VMP-41-10-020415	2/4/2015	0.079			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000091	J		80			20		
		VMP-41-10-020415-DUP	2/4/2015	0.079			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0001	J		79			21		
		VMP-41-10-043015	4/30/2015	0 23			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			21		
		VMP-41-10-072815	7/28/2015	0 68			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-41-10-110215	11/2/2015	0.16			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-41-10-012716	1/27/2016	0.11			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			22		
		VMP-41-10-050216	5/2/2016	0.49			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-41-10-072816	7/28/2016	0 82			<0.024	U		<0.0024	U		<0.0024	U		0 015	J		<0.00024	U		80			19		
		VMP-41-10-102416	10/24/2016	0 58			<0 03	U		<0.003	U		<0 003	U		0 027	J		<0 0003	U		79			20		
	20 ft	VMP-41-20-072712	7/27/2012	7.2			<0.019	U		<0.0019	U		<0.0019	U		<0 094	U		0 000023	J		80			13		
		VMP-41-20-072712-Dup	7/27/2012	7.1			<0.019	U		<0.0019	U		<0.0019	U		<0 096	U		0 000018	J		80			13		
		VMP-41-20-100912	10/9/2012	6.5			<0.029	U		<0.0029	U		<0.0029	U		0.53			0 000027	J		81			12		
		VMP-41-20-100912-Dup	10/9/2012	6.7			<0 03	U		<0.003	U		<0 003	U		0 019	J		0 000024	J		81			12		
		VMP-41-20-012913	1/29/2013	0 88			<0.15	U		<0.003	U		<0 003	U		<0.15	U		0 000032	J		79			20		
		VMP-41-20-043013	4/30/2013	0 28			<0.036	U		<0.0036	U		<0.0036	U		0 036	J		<0.00036	U		75			25		
		VMP-41-20-043013-Dup	4/30/2013	0 28			<0.038	U		<0.0038	U		<0.0038	U		0 053	J		<0.00038	U		78			22		
		VMP-41-20-080213	8/2/2013	0 52			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00013	J		79			20		
		VMP-41-20-102913	10/29/2013	0.15			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-41-20-021114	2/11/2014	0.097			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0.00011	J		78			22		
		VMP-41-20-042214	4/22/2014	0.19			<0.026	U		<0.0026	U		<0.0026	U		0 016	J		<0.00026	U		79			21		
		VMP-41-20-073114	7/31/2014	0 36			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-41-20-102814	10/28/2014	0.18			<0.026	U		<0.0026	U		<0.0026	U		4.1			<0.00026	U		76			20		
		VMP-41-20-020415	2/4/2015	0.086			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0 000085	J		79			21		
		VMP-41-20-043015	4/30/2015	0 23			<0.062	U		<0.0062	U		<0.0062	U		0.14	J		<0.00062	U		79			21		
		VMP-41-20-072815	7/28/2015	0 83			<0.029	U		<0.0029	U		<0.0029	U		0 031	J		<0.00029	U		79			20		
		VMP-41-20-110215	11/3/2015	0 35			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-41-20-012716	1/27/2016	0.17			<0.027	U		<0.0027	U		<0.0027	U		0 036	J		<0.00027	U		79			21		
		VMP-41-20-050216	5/2/2016	0 26			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			20		
		VMP-41-20-072816	7/28/2016	0 91			<0 03	U		<0.003	U		<0 003	U		0 013	J		<0 0003	U		79			20		
		VMP-41-20-102416	10/24/2016	0 82			<0.023	U		<0.0023	U		<0.0023	U		0 005	J		<0.00023	U		79			20		
VMP-41	26 ft	VMP-41-30-072712	7/27/2012	8.2			<0.019	U		<0.0019	U		<0.0019	U		0.0071	J		0 000037	J		80			12		
		VMP-41-30-100912	10/9/2012	8.6			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		0 000058	J		81			10		
		VMP-41-30-012913	1/29/2013	1.9			<0 28	U		<0.0057	U		<0.0057	U		<0.28	U		<0.00057	U		76			22		
		VMP-41-30-043013	4/30/2013	0.49			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			21		
		VMP-41-30-080213	8/2/2013	0 85			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0 000091	J		79			20		
		VMP-41-30-102913	10/29/2013	0 27			<0.027	U		<0.0027	U		<0.0027	U		0 079	J		<0.00027	U		79			21		
		VMP-41-30-021114	2/11/2014	0 26			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		78			22		
		VMP-41-30-021114-Dup	2/11/2014	0 26			<0.032	U		<0.0032	U		<0.0032	U		0 011	J		<0.00032	U		78			22		
		VMP-41-30-042214	4/22/2014	0.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			21		
		VMP-41-30-073114	7/31/2014	0.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			21		
		VMP-41-30-102814	10/28/2014	0 34			<0.024	U		<0.0024	U		<0.0024	U		3.7			<0.00024	U		76			20		
		VMP-41-30-020415	2/4/2015	0.14			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000055	J		79			21		
		VMP-41-30-043015	4/30/2015	0 25			<0.027	U		<0.0027	U		<0.0027	U		0.24			<0.00027	U		78			21		
		VMP-41-30-043015-DUP	4/30/2015	0 25			<0.027	U		<0.0027	U		<0.0027	U		0.26			<0.00027	U		78			21		
		VMP-41-30-072815	7/28/2015	0.75			<0.032	U		<0.0032	U		<0.0032	U		0.02	J		<0.00032	U		79			20		
		VMP-41-30-110215	11/2/2015	0 69			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			21		
		VMP-41-30-110215-DUP	11/2/2015	0 69			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			21		
		VMP-41-30-012716	1/27/2016	0 38			<0.026	U		<0.0026	U		<0.0026	U		0 042	J		<0.00026	U		79			21		
		VMP-41-30-012716-DUP	1/27/2016	0 38			<0.026	U		<0.0026	U		<0.0026	U		0 057	J		<0.00026	U		79			21		
		VMP-41-30-050216	5/2/2016	0 32			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			20		
		VMP-41-30-072816	7/28/2016	0.76			<0.028	U		<0.0028	U		<0.0028	U		0.0066	J		<0.00028	U		79			20		
		VMP-41-30-072816-DUP	7/28/2016	0.77			<0.028	U		<0.0028	U		<0.0028	U		0 016	J		<0.00028	U		79			20		
		VMP-41-26-102416	10/24/2016	1			<0.024	U		<0.0024	U		<0.0024	U		0.0086	J		<0.00024	U		79			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-42	10 ft	VMP-42-10-041812	4/18/2012	3.1			<0.022	U		<0.0022	U		<0.0022	U		0 052	J		<0.00022	U		79			18		
		VMP-42-10-041812-Dup	4/18/2012	3.1			<0.023	U		<0.0023	U		<0.0023	U		0 031	J		<0.00023	U		79			18		
		VMP-42-10-071912	7/19/2012	2.5			<0.026	U		<0.0026	U		<0.0026	U		0.1	J		0 000028	J		79			19		
		VMP-42-10-101212	10/12/2012	0 92			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		0.00002	J		79			20		
		VMP-42-10-013113	1/31/2013	0.45			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		0 000027	J		78			21		
		VMP-42-10-043013	4/30/2013	0 36			<0 03	U		<0.003	U		<0 003	U		0 027	J		<0 0003	U		80			20		
		VMP-42-20-043013	4/30/2013	1.2			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		79			20		
		VMP-42-10-080213	8/2/2013	1.2			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		0.00015	J		79			20		
		VMP-42-10-102913	10/29/2013	0 31			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-42-10-020714	2/7/2014	0.13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-42-10-042214	4/22/2014	0.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			20		
		VMP-42-10-080614	8/6/2014	1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-42-10-110414	11/4/2014	0 55			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-42-10-020315	2/3/2015	<0 026	U		<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00015	J		100			0 37		
		VMP-42-10-042915	4/29/2015	0.46			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-42-10-072115	7/21/2015	0 88			<0.026	U		<0.0026	U		<0.0026	U		0 016	J		<0.00026	U		80			19		
		VMP-42-10-102715	10/27/2015	0 53			<0.024	U		<0.0024	U		<0.0024	U		0 026	J		<0.00024	U		78			21		
		VMP-42-10-020116	2/1/2016	0.13			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-42-10-042616	4/26/2016	0 29			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-42-10-072616	7/26/2016	1.3			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		80			19		
		VMP-42-10-102716	10/27/2016	1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
VMP-42	20 ft	VMP-42-20-041812	4/18/2012	9.6			<0.024	U		<0.0024	U		<0.0024	U		0 038	J		0 064			83			7.4		
		VMP-42-20-071912	7/19/2012	6.7			<0.024	U		<0.0024	U		<0.0024	U		0 055	J		0 000033	J		220			14		
		VMP-42-20-101212	10/12/2012	3.4			<0.037	U		<0.0037	U		<0.0037	U		0 093	J		0 000036	J		79			18		
		VMP-42-20-101212-Dup	10/12/2012	3.3			<0.028	U		<0.0028	U		<0.0028	U		0 051	J		0 000047	J		78			19		
		VMP-42-20-013113	1/31/2013	2.5			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0.00002	J		78			19		
		VMP-42-20-080213	8/2/2013	3.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000064	J		79			18		
		VMP-42-20-102913	10/29/2013	1.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
		VMP-42-20-020714	2/7/2014	0 83			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			21		
		VMP-42-20-042214	4/22/2014	0 51			<0.026	U		<0.0026	U		<0.0026	U		0.0076	J		<0.00026	U		79			20		
		VMP-42-20-080614	8/6/2014	3			<0.026	U		<0.0026	U		<0.0026	U		0.0099	J		<0.00026	U		79			18		
		VMP-42-20-110414	11/4/2014	2.4			<0.026	U		<0.0026	U		<0.0026	U		0 006	J		<0.00026	U		79			19		
		VMP-42-20-020315	2/3/2015	0 86			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
		VMP-42-20-042915	4/29/2015	0 62			<0.029	U		<0.0029	U		<0.0029	U		0 014	J		<0.00029	U		80			19		
		VMP-42-20-072115	7/21/2015	2.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
		VMP-42-20-102715	10/27/2015	2			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		78			20		
		VMP-42-20-020116	2/1/2016	0.8			<0.026	U		<0.0026	U		<0.0026	U		0.41			<0.00026	U		78			21		
		VMP-42-20-042616	4/26/2016	0 69			<0.028	U		<0.0028	U		<0.0028	U		0.0062	J		<0.00028	U		80			19		
		VMP-42-20-072616	7/26/2016	1.8			<0 03	U		<0.003	U		<0 003	U		0 033	J		<0 0003	U		80			18		
		VMP-42-20-102676	10/27/2016	2.7			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			19		
	30 ft	VMP-42-30-041912	4/19/2012	12			<0.019	U		0.00022	J		<0.0019	U		0 028	J		0.45			86			1.8		
		VMP-42-30-071912	7/19/2012	9.2			<0.023	U		<0.0023	U		<0.0023	U		0 048	J		0 027			89			2.1		
		VMP-42-30-101212	10/12/2012	8.2			<0.029	U		<0.0029	U		<0.0029	U		0 035	J		0.0017			79			13		
		VMP-42-30-101212-Dup	10/12/2012	8.2			<0.029	U		<0.0029	U		<0.0029	U		0.04	J		0.0017			79			13		
		VMP-42-30-013113	1/31/2013	6.6			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		0.00029			79			14		
		VMP-42-30-043013	4/30/2013	3.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			18		
		VMP-42-30-080213	8/2/2013	3.8			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			17		
		VMP-42-30-102913	10/29/2013	3			<0.027	U		<0.0027	U		<0.0027	U		0.02	J		<0.00027	U		78			19		
		VMP-42-30-102913-Dup	10/29/2013	3			<0.026	U		<0.0026	U		<0.0026	U		0.02	J		<0.00026	U		78			19		
		VMP-42-30-020714	2/7/2014	2.4			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			20		
		VMP-42-30-020714-Dup	2/7/2014	2.4			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			20		
		VMP-42-30-042214	4/22/2014	0 98			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-42-30-042214-Dup	4/22/2014	1.1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-42-30-080614	8/6/2014	2.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
		VMP-42-30-110414	11/4/2014	2.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-42-30-020315	2/3/2015	1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000023	J		79			20		
		VMP-42-30-042915	4/29/2015	0 68			<0.025	U		<0.0025	U		<0.0025	U		0 017	J		<0.00025	U		79			20		
		VMP-42-30-080315	8/3/2015	2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
		VMP-42-30-080315-DUP	8/3/2015	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
		VMP-42-30-102715	10/27/2015	2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			20		
		VMP-42-30-020116	2/1/2016	0 95			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			21		
		VMP-42-30-042616	4/26/2016	0 62			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		79			20		
		VMP-42-30-072616	7/26/2016	1			<0.025	U		<0.0025	U		<0.0025	U		0 012	J		<0.00025	U		80			19		
		VMP-42-30-102716	10/27/2016	2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
		VMP-42-30-102716-Dup	10/27/2016	2.5			<0.051	U		<0.0051	U		<0.0051	U		<0.25	U		<0.00051	U		78			19		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-43	10 ft	VMP-43-10-041612	4/16/2012	0 88			<0.025	U		<0.0025	U		<0.0025	U		0.43			0.00011	J		81			18		
		VMP-43-10-071912	7/19/2012	0 87			<0.023	U		<0.0023	U		<0.0023	U		0.16			0.00019	J		80			19		
		VMP-43-10-101612	10/16/2012	0 55			<0.032	U		<0.0032	U		<0.0032	U		0 071	J		0.00011	J		80			19		
		VMP-43-10-051713	5/17/2013	0 54			<0.031	U		<0.0031	U		<0.0031	U		2.6			0.00024	J		77			20		
		VMP-43-10-080913	8/9/2013	0 58			<0.032	U		<0.0032	U		<0.0032	U		5.1			<0.00032	U		75			19		
		VMP-43-10-111313	11/13/2013	0.13			<0.026	U		<0.0026	U		<0.0026	U		0.82			0.00013	J		78			21		
		VMP-43-10-022714	2/27/2014	0.073			<0.024	U		<0.0024	U		<0.0024	U		3.2			0.0002	J		76			21		
		VMP-43-10-050514	5/5/2014	0 29			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00015	J		79			21		
		VMP-43-10-080614	8/6/2014	0.13		J	<0.026	U	UJ	<0.0026	U	UJ	<0.0026	U	UJ	6.8		J	0.00017	J	J	74		J	19		J
		VMP-43-10-021015	2/10/2015	0.052			<0.022	U		<0.0022	U		<0.0022	U		0.34			0.00019	J		79			21		
		VMP-43-10-050515	5/5/2015	0 34			<0.028	U		<0.0028	U		<0.0028	U		0 021	J		<0.00028	U		79			21		
		VMP-43-10-072115	7/21/2015	0.49			<0.027	U		<0.0027	U		<0.0027	U		0 045	J		<0.00027	U		80			20		
		VMP-43-10-102915	10/29/2015	0.12			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		79			21		
		VMP-43-10-020116	2/1/2016	0.057			<0 03	U		<0.003	U		<0 003	U		0 075	J		0.0002	J		78			22		
		VMP-43-10-042716	4/27/2016	0.12			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00021	J		80			20		
		VMP-43-10-072716	7/27/2016	0.77			<0.026	U		<0.0026	U		<0.0026	U		0 011	J		<0.00026	U		79			20		
		VMP-43-10-102616	10/26/2016	0 08			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0.00021	J		80			20		
	20 ft	VMP-43-20-041612	4/16/2012	4.8			<0.019	U		<0.0019	U		<0.0019	U		0.16			0 012			80			15		
		VMP-43-20-071912	7/19/2012	2.9			<0.024	U		<0.0024	U		<0.0024	U		0 073	J		0.0016			80			17		
		VMP-43-20-101812	10/18/2012	1.9			<0.026	U		<0.0026	U		<0.0026	U		0 054	J		0.0008			80			18		
		VMP-43-20-012413	1/24/2013	3.2			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0.00065			79			18		
		VMP-43-20-043013	4/30/2013	1.6			<0.039	U		<0.0039	U		<0.0039	U		<0.19	U		0.0011			79			19		
		VMP-43-20-080913	8/9/2013	2.3			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		80			18		
		VMP-43-20-102913	10/29/2013	0.4			<0.026	U		<0.0026	U		<0.0026	U		2.7			<0.00026	U		77			20		
		VMP-43-20-022714	2/27/2014	0.18			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-43-20-081314	8/13/2014	0.4			<0 03	U		<0.003	U		<0 003	U		0 031	J		<0 0003	U		80			20		
		VMP-43-20-110614	11/6/2014	0.16			<0.025	U		<0.0025	U		<0.0025	U		2.3			0.00025			78			20		
		VMP-43-20-021215	2/12/2015	0.12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000085	J		79			21		
		VMP-43-20-021215-DUP	2/12/2015	0.12			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000079	J		79			21		
		VMP-43-20-050515	5/5/2015	0.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			21		
		VMP-43-20-072115	7/21/2015	0 69			<0.034	U		<0.0034	U		<0.0034	U		0 029	J		<0.00034	U		79			20		
		VMP-43-20-102915	10/29/2015	0 24			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-43-20-102915-DUP	10/29/2015	0 24			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-43-20-020116	2/1/2016	0 22			<0.042	U		<0.0042	U		<0.0042	U		<0.21	U		<0.00042	U		78			22		
		VMP-43-20-042716	4/27/2016	0 38			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			20		
		VMP-43-20-072716	7/27/2016	0 65			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		80			19		
		VMP-43-20-102616	10/26/2016	0 24			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00014	J		79			21		
VMP-43	30 ft	VMP-43-30-042312	4/23/2012	2.8			<0.023	U		<0.0023	U		<0.0023	U		0 016	J		0.0008			75			22		
		VMP-43-30-071912	7/19/2012	2.5			<0.031	U		<0.0031	U		<0.0031	U		0 044	J		0.00071			80			18		
		VMP-43-30-101812	10/18/2012	1.3			<0.037	U		<0.0037	U		<0.0037	U		0 016	J		0 000047	J		79			20		
		VMP-43-30-012413	1/24/2013	1.7			<0.13	U		<0.0027	U		<0.0027	U		<0.13	U		0.00004	J		79			19		
		VMP-43-30-043013	4/30/2013	2.9			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.0006			79			18		
		VMP-43-30-080913	8/9/2013	2.1			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00027	J		80			18		
		VMP-43-30-102913	10/29/2013	0.79			<0.024	U		<0.0024	U		<0.0024	U		0 011	J		0.0002	J		79			20		
		VMP-43-30-022714	2/27/2014	0 97			<0.024	U		<0.0024	U		<0.0024	U		0 019	J		0.0074			79			20		
		VMP-43-30-022714-Dup	2/27/2014	0 88			<0.024	U		<0.0024	U		<0.0024	U		0.78			0.0066			77			21		
		VMP-43-30-042214	4/22/2014	0 65			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00085			80			19		
		VMP-43-30-080614	8/6/2014	0 62			<0.029	U		<0.0029	U		<0.0029	U		0.35			0.00014	J		79			20		
		VMP-43-30-050515	5/5/2015	0 31			<0 03	U		<0.003	U		<0 003	U		0 019	J		<0 0003	U		79			21		
		VMP-43-30-050515-DUP	5/5/2015	0 32			<0.026	U		<0.0026	U		<0.0026	U		0 019	J		<0.00026	U		79			21		
		VMP-43-30-072115	7/21/2015	1			<0.027	U		<0.0027	U		<0.0027	U		0 021	J		<0.00027	U		79			20		
		VMP-43-30-102915	10/29/2015	0.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-43-30-020116	2/1/2016	0 29			<0.028	U		<0.0028	U		<0.0028	U		0 064	J		<0.00028	U		79			21		
		VMP-43-30-042716	4/27/2016	0 39			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		80			20		
		VMP-43-30-042716-DUP	4/27/2016	0 34			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-43-30-072716	7/27/2016	1.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-43-30-102616	10/26/2016	0 35			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00014	J		80			20		
		VMP-43-30-102616-Dup	10/26/2016	0 36			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00013	J		80			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-44	10 ft	VMP-44-10-041912	4/19/2012	9.1			<0.018	U		<0.0018	U		<0.0018	U		0 047	J		0 025			84			6.6		
		VMP-44-10-072012	7/20/2012	14			<0.018	U		<0.0018	U		<0.0018	U		0 037	J		0 022			81			4.3		
		VMP-44-10-081012	8/10/2012	12			<0.018	U		<0.0018	U		<0.0018	U		0 038	J		0 045			91			6.4		
		VMP-44-10-101212	10/12/2012	5.9			<0.028	U		<0.0028	U		<0.0028	U		1.4			0.0063			81			12		
		VMP-44-10-012513	1/25/2013	7.2			<0.12	U		0.000081	J		<0.0023	U		<0.12	U		0.0024			85			7.7		
		VMP-44-10-042913	4/29/2013	4.3			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		0.0026			81			15		
		VMP-44-10-080213	8/2/2013	0.42			<0.029	U		<0.0029	U		<0.0029	U		0.1	J		0.00033			79			20		
		VMP-44-10-082313-R	8/23/2013	3.5			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		0.00084			79			17		
		VMP-44-10-111113	11/11/2013	3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00054			80			17		
		VMP-44-10-022814	2/28/2014	0.16			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00077			79			21		
		VMP-44-10-043014	4/30/2014	2.1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0 000083	J		80			18		
		VMP-44-10-080614	8/6/2014	0.75			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		0.0002	J		81			18		
		VMP-44-10-110414	11/4/2014	0.76			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-44-10-020415	2/4/2015	0 28			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00013	J		80			20		
		VMP-44-10-050115	5/1/2015	0.15			<0.027	U		<0.0027	U		<0.0027	U		0.37			0.00026	J		78			21		
		VMP-44-10-072415	7/24/2015	1.9			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00022	J		80			18		
		VMP-44-10-102815	10/28/2015	1.2			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			19		
		VMP-44-10-012516	1/25/2016	0 21			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00033			79			21		
		VMP-44-10-042816	4/28/2016	0.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-44-10-072716	7/27/2016	3.5			<0.029	U		<0.0029	U		<0.0029	U		0 059	J		0.00052			84			12		
		VMP-44-10-102716	10/27/2016	1.1			<0.035	U		<0.0035	U		<0.0035	U		0.0079	J		<0.00035	U		79			20		
	20 ft	VMP-44-20-041912	4/19/2012	12			<0 02	U		<0.002	U		<0 002	U		0.17			0 069			85			2.5		
		VMP-44-20-072512	7/25/2012	15			<0.021	U		<0.0021	U		<0.0021	U		0 056	J		0 019			81			3.9		
		VMP-44-20-101212	10/12/2012	11			<0 03	U		<0.003	U		<0 003	U		0.21			0.0086			81			7.8		
		VMP-44-20-012513	1/25/2013	10			<0.12	U		0.000081	J		<0.0025	U		<0.12	U		0 021			83			7.3		
		VMP-44-20-042913	4/29/2013	6.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0021			82			12		
		VMP-44-20-081313	8/13/2013	4.1			<0 03	U		<0.003	U		<0 003	U		0 087	J		0.00022	J		79			17		
		VMP-44-20-111113	11/11/2013	0 86			<0.026	U		<0.0026	U		<0.0026	U		0.13			0.00018	J		79			20		
		VMP-44-20-022814	2/28/2014	0 08			<0.027	U		<0.0027	U		<0.0027	U		1.6			0.00052			77			21		
		VMP-44-20-043014	4/30/2014	0 84			<0.047	U		<0.0047	U		<0.0047	U		0.23			<0.00047	U		78			21		
		VMP-44-20-080614	8/6/2014	0 57			<0.029	U		<0.0029	U		<0.0029	U		0.26			0.00035			80			19		
		VMP-44-20-110414	11/4/2014	0 53			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-44-20-020415	2/4/2015	0.16			<0.025	U		<0.0025	U		<0.0025	U		0.35			0.00015	J		78			21		
		VMP-44-20-051115	5/11/2015	0.76			<0.024	U		<0.0024	U		<0.0024	U		0 014	J		<0.00024	U		80			19		
		VMP-44-20-072415	7/24/2015	1.6			<0.026	U		<0.0026	U		<0.0026	U		0.5			0.00057			79			19		
		VMP-44-20-102815	10/28/2015	0 95			<0.027	U		<0.0027	U		<0.0027	U		0.03	J		<0.00027	U		80			19		
		VMP-44-20-020216-R	2/2/2016	0.19			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.0001	J		79			21		
		VMP-44-20-042816	4/28/2016	0.6			<0.032	U		<0.0032	U		<0.0032	U		0.25			<0.00032	U		79			20		
		VMP-44-20-072716	7/27/2016	3.5			<0.033	U		<0.0033	U		<0.0033	U		0.31			0.00051			83			13		
		VMP-44-20-102716	10/27/2016	0 95			<0.026	U		<0.0026	U		<0.0026	U		0.11	J		<0.00026	U		79			20		
VMP-44	30 ft	VMP-44-30-041912	4/19/2012	12			<0.019	U		<0.0019	U		<0.0019	U		0 046	J		0 076			86			2.2		
		VMP-44-30-072512	7/25/2012	9.2			<0 02	U		<0.002	U		<0 002	U		0 028	J		0.0033			81			10		
		VMP-44-30-072512-Dup	7/25/2012	9.4			<0 02	U		<0.002	U		<0 002	U		0 016	J		0.0034			81			9.9		
		VMP-44-30-101512	10/15/2012	5.3			<0 03	U		<0.003	U		<0 003	U		0 019	J		0 003			80			15		
		VMP-44-30-101512-Dup	10/15/2012	5.1			<0.028	U		<0.0028	U		<0.0028	U		0 018	J		0.0029			80			15		
		VMP-44-30-012513	1/25/2013	0.073		J	<0.19	U	UJ	0 0002	J	J	<0.0038	U	UJ	9.9		J	0.00034	J	J	71		J	19		J
		VMP-44-30-043013	4/30/2013	2.2			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		0.00023	J		80			18		
		VMP-44-30-081313	8/13/2013	4.1			<0.028	U		<0.0028	U		<0.0028	U		0.11	J		0.00085			80			16		
		VMP-44-30-111113	11/11/2013	0 85			<0.026	U		<0.0026	U		<0.0026	U		0.21			0.00015	J		79			20		
		VMP-44-30-022814	2/28/2014	0 38			<0.023	U		<0.0023	U		<0.0023	U		2			0.00039			77			21		
		VMP-44-30-043014	4/30/2014	0 81			<0.024	U		<0.0024	U		<0.0024	U		0.32			0.00012	J		79			20		
		VMP-44-30-080614	8/6/2014	1			<0.027	U		<0.0027	U		<0.0027	U		0.23			0.00023	J		80			19		
		VMP-44-30-110414	11/4/2014	0 57			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-44-30-020415	2/4/2015	0.18			<0.026	U		<0.0026	U		<0.0026	U		0.34			0.00011	J		78			21		
		VMP-44-30-051115	5/11/2015	0.79			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-44-30-072415	7/24/2015	1.8			<0.025	U		<0.0025	U		<0.0025	U		0.35			0.00033			79			19		
		VMP-44-30-102815	10/28/2015	1.2			<0 03	U		<0.003	U		<0 003	U		0 029	J		<0 0003	U		80			19		
		VMP-44-30-012516	1/25/2016	0.16			<0.026	U		<0.0026	U		<0.0026	U		0 041	J		0.00044			79			21		
		VMP-44-30-050516	5/5/2016	0.5			<0.035	U		<0.0035	U		<0.0035	U		<0.17	U		<0.00035	U		80			20		
		VMP-44-30-072716	7/27/2016	3.4			<0.031	U		<0.0031	U		<0.0031	U		0.28			0.00055			84			12		
		VMP-44-30-102716	10/27/2016	0 84			<0.025	U		<0.0025	U		<0.0025	U		0 057	J		0.0001	J		79			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-45	10 ft	VMP-45-10-041912	4/19/2012	0 86			<0.031	U		<0.0031	U		<0.0031	U		0.11	J		<0.00031	U		79			20		
		VMP-45-10-071912	7/19/2012	0 83			<0.024	U		<0.0024	U		<0.0024	U		0 053	J		0 000027	J		79			20		
		VMP-45-10-101512	10/15/2012	0.4			<0.029	U		<0.0029	U		<0.0029	U		0.06	J		0 000018	J		80			20		
		VMP-45-10-013013	1/30/2013	0.13			<0.13	U		<0.0025	U		<0.0025	U		<0.13	U		0 000046	J		80			20		
		VMP-45-10-042913	4/29/2013	0 22			<0.029	U		<0.0029	U		<0.0029	U		0 036	J		<0.00029	U		78			22		
		VMP-45-10-080513	8/5/2013	0 62			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00012	J		79			20		
		VMP-45-10-102913	10/29/2013	0.12			<0.026	U		<0.0026	U		<0.0026	U		1.6			<0.00026	U		77			21		
		VMP-45-10-020714	2/7/2014	0.072			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-45-10-042214	4/22/2014	0.16			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			20		
		VMP-45-10-080114	8/1/2014	0 32			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00015	J		80			20		
		VMP-45-10-102414	10/24/2014	0.096			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00014	J		80			20		
		VMP-45-10-020615	2/6/2015	0.061			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00019	J		80			20		
		VMP-45-10-051215	5/12/2015	0.12			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00019	J		80			20		
		VMP-45-10-072115	7/21/2015	0.19			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00019	J		80			20		
		VMP-45-10-102815	10/28/2015	0.072			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-45-10-030916-R	3/9/2016	0.053			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00016	J		79			21		
		VMP-45-10-042816	4/28/2016	0.1			<0 03	U		<0.003	U		<0 003	U		<0.15	J	U	0.00022	J		80			20		
		VMP-45-10-082616	8/26/2016	0 21			<0.022	U		<0.0022	U		<0.0022	U		0 017	J		0.00016	J		80			20		
		VMP-45-10-102816	10/28/2016	0.14			<0.026	U		<0.0026	U		<0.0026	U		0 006	J		0 000091	J		79			21		
	20 ft	VMP-45-20-041912	4/19/2012	6.3			<0.018	U		<0.0018	U		<0.0018	U		0.14			0.0003			80			14		
		VMP-45-20-071912	7/19/2012	4.2			<0.018	U		<0.0018	U		<0.0018	U		0.6			0.00022			78			17		
		VMP-45-20-101512	10/15/2012	2.4			<0.028	U		<0.0028	U		<0.0028	U		0 028	J		0.00076			80			18		
		VMP-45-20-013013	1/30/2013	2			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0.0012			79			19		
		VMP-45-20-042913	4/29/2013	0 98			<0 03	U		<0.003	U		<0 003	U		0 066	J		0.00031			79			20		
		VMP-45-20-042913-Dup	4/29/2013	0 95			<0 03	U		<0.003	U		<0 003	U		0 077	J		0.00031			79			20		
		VMP-45-20-080513	8/5/2013	1.8			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00018	J		79			19		
		VMP-45-20-102913	10/29/2013	1.3			<0.028	U		<0.0028	U		<0.0028	U		0.03	J		0.00018	J		80			19		
		VMP-45-20-020714	2/7/2014	1.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00041			79			20		
		VMP-45-20-042214	4/22/2014	0 89			<0.026	U		<0.0026	U		<0.0026	U		0.58			0.00046			78			20		
		VMP-45-20-080114	8/1/2014	0 31			<0.028	U		<0.0028	U		<0.0028	U		1.4			0.00011	J		78			20		
		VMP-45-20-102414	10/24/2014	0.13			<0.026	U		<0.0026	U		<0.0026	U		2.6			0.00014	J		77			20		
		VMP-45-20-020615	2/6/2015	0.066			<0.025	U		<0.0025	U		<0.0025	U		0 053	J		0.00016	J		80			20		
		VMP-45-20-042915	4/29/2015	0.1			<0 03	U		<0.003	U		<0 003	U		0.2			<0 0003	U		79			21		
		VMP-45-20-072115	7/21/2015	0 27			<0.032	U		<0.0032	U		<0.0032	U		0.11	J		<0.00032	U		80			20		
		VMP-45-20-102815	10/28/2015	0.079			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-45-20-012516	1/25/2016	0.045			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		79			21		
		VMP-45-20-042816	4/28/2016	0.14			<0.021	U		<0.0021	U		<0.0021	U		1.2			0.00017	J		79			20		
		VMP-45-20-072716	7/27/2016	0 51			<0.031	U		<0.0031	U		<0.0031	U		0.03	J		<0.00031	U		80			19		
		VMP-45-20-102816	10/28/2016	0.16			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			21		
VMP-45	30 ft	VMP-45-30-041912	4/19/2012	10			<0.019	U		<0.0019	U		<0.0019	U		0 033	J		0 024			85			4.9		
		VMP-45-30-071912	7/19/2012	7.8			<0.019	U		<0.0019	U		<0.0019	U		0 045	J		0.00082			83			9.3		
		VMP-45-30-101512	10/15/2012	4.1			<0.028	U		<0.0028	U		<0.0028	U		0.03	J		0.0005			80			16		
		VMP-45-30-101512-Dup	10/15/2012	4.2			<0.027	U		<0.0027	U		<0.0027	U		0 026	J		0.0005			80			16		
		VMP-45-30-013013	1/30/2013	2.5			<0.12	U		<0.0024	U		<0.0024	U		<0.12	U		0.00046			80			18		
		VMP-45-30-042913	4/29/2013	1.7			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0.00012	J		78			20		
		VMP-45-30-080513	8/5/2013	2.5			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00023	J		80			18		
		VMP-45-30-102913	10/29/2013	1.4			<0.028	U		<0.0028	U		<0.0028	U		5.4			<0.00028	U		74			19		
		VMP-45-30-020714	2/7/2014	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00011	J		78			20		
		VMP-45-30-042214	4/22/2014	0 57			<0.026	U		<0.0026	U		<0.0026	U		1			0.00018	J		78			20		
		VMP-45-30-080114	8/1/2014	0.43			<0.027	U		<0.0027	U		<0.0027	U		3.2			0.00018	J		77			19		
		VMP-45-30-102414	10/24/2014	0.3			<0.029	U		<0.0029	U		<0.0029	U		8.5			0.00017	J		73			18		
		VMP-45-30-111214-R	11/12/2014	0 62			<0.024	U		<0.0024	U		<0.0024	U		0.51			0.00011	J		79			20		
		VMP-45-30-020615	2/6/2015	0 66			<0.026	U		<0.0026	U		<0.0026	U		0.22			0 000092	J		79			20		
		VMP-45-30-020615-DUP	2/6/2015	0 67			<0.026	U		<0.0026	U		<0.0026	U		0.22			0.0001	J		79			20		
		VMP-45-30-042915	4/29/2015	0 51			<0.028	U		<0.0028	U		<0.0028	U		0.78			<0.00028	U		79			20		
		VMP-45-30-072115	7/21/2015	0 94			<0 03	U		<0.003	U		<0 003	U		1.2			<0 0003	U		79			19		
		VMP-45-30-072115-DUP	7/21/2015	0 93			<0.029	U		<0.0029	U		<0.0029	U		1.2			<0.00029	U		79			19		
		VMP-45-30-102815	10/28/2015	1.1			<0.024	U		<0.0024	U		<0.0024	U		0.5			<0.00024	U		78			20		
		VMP-45-30-012516	1/25/2016	0 66			<0.028	U		<0.0028	U		<0.0028	U		0.73			0 000099	J		79			20		
		VMP-45-30-042816	4/28/2016	0 67			<0.024	U		<0.0024	U		<0.0024	U		3.1			0.0001	J		77			19		
		VMP-45-30-042816-DUP	4/28/2016	0 67			<0.025	U		<0.0025	U		<0.0025	U		3.2			0.00014	J		77			19		
		VMP-45-30-072716	7/27/2016	1.2			<0.027	U		<0.0027	U		<0.0027	U		0.73			0.00014	J		80			18		
		VMP-45-30-102816	10/28/2016	1.6			<0.026	U		<0.0026	U		<0.0026	U		0 069	J		0.00017	J		79			19		

SEE LAST PAGE OF TABLE FOR NOTES

APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	5 ft	VMP-47-5-012113	1/21/2013	6.8			<0.14	U		<0.0029	U		<0.0029	U		<0.14	U		0.00002	J		81			12		
		VMP-47-5-012313-R	1/23/2013	11			<0.12	U		0 0012	J		<0.0024	U		<0.12	U		3 9			83			1.7		
		VMP-47-5-060513	6/5/2013	11			<0 03	U		0 0012	J		<0 003	U		<0.15	U		4 3			82			1.6		
		VMP-47-5-072613	7/26/2013	12			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0019			84			4.1		
		VMP-47-5-110813	11/8/2013	0 26			<0.027	U		<0.0027	U		<0.0027	U		0 024	J		0.00014	J		80			20		
		VMP-47-5-021814	2/18/2014	0 52			<0.026	U		<0.0026	U		<0.0026	U		0.02	J		<0.00026	U		78			21		
		VMP-47-5-042914	4/29/2014	1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		78			21		
		VMP-47-5-081314	8/13/2014	1.9			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		79			19		
		VMP-47-5-093014-R	9/30/2014	0 62			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00023	J		79			20		
		VMP-47-5-102814	10/28/2014	1			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		79			20		
		VMP-47-5-020215	2/2/2015	0 32			<0.032	U		<0.0032	U		<0.0032	U		0 018	J		0 000035	J		80			20		
		VMP-47-5-042815	4/28/2015	0 99			<0.028	U		<0.0028	U		<0.0028	U		0.14			<0.00028	U		79			20		
		VMP-47-5-072115	7/21/2015	1.8			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		80			18		
		VMP-47-5-102715	10/27/2015	0.2			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00025	J		78			22		
		VMP-47-5-012916	1/29/2016	0 22			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			21		
		VMP-47-5-042516	4/25/2016	0.71			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-47-5-072516	7/25/2016	1.3			<0.028	U		<0.0028	U		<0.0028	U		0 015	J		<0.00028	U		81			18		
		VMP-47-5-102616	10/26/2016	0 55			<0.027	U		<0.0027	U		<0.0027	U		0 021	J		0.00013	J		79			20		
	10 ft	VMP-47-10-012113	1/21/2013	12			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		83			5.3		
		VMP-47-10-012313-R	1/23/2013	11			<0.12	U		<0.0024	U		<0.0024	U		<0.12	U		0.14			86			2.5		
		VMP-47-10-060513	6/5/2013	11			<0.029	U		0.00098	J		<0.0029	U		0.12	J		3.4			83			1.7		
		VMP-47-10-072613	7/26/2013	13			<0.027	U		0 0004	J		<0.0027	U		<0.13	U		1.4			84			1.6		
		VMP-47-10-110813	11/8/2013	1.5			<0.028	U		<0.0028	U		<0.0028	U		0.1	J		<0.00028	U		80			19		
		VMP-47-10-021814	2/18/2014	0 65			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-47-10-042914	4/29/2014	1.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-47-10-073114	7/31/2014	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-47-10-102814	10/28/2014	0 69			<0.022	U		<0.0022	U		<0.0022	U		0.02	J		<0.00022	U		79			20		
		VMP-47-10-020215	2/2/2015	0 32			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0 000046	J		80			20		
		VMP-47-10-042815	4/28/2015	0.43			<0 03	U		<0.003	U		<0 003	U		0.17			<0 0003	U		79			20		
		VMP-47-10-072115	7/21/2015	1.2			<0.031	U		<0.0031	U		<0.0031	U		0 036	J		<0.00031	U		80			19		
		VMP-47-10-102715	10/27/2015	0.47			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			21		
		VMP-47-10-012916	1/29/2016	0 26			<0.024	U		<0.0024	U		<0.0024	U		0 085	J		<0.00024	U		79			21		
		VMP-47-10-042516	4/25/2016	0 53			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-47-10-080216	8/2/2016	0 69			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			20		
		VMP-47-10-102616	10/26/2016	0 55			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0 000098	J		79			20		
VMP-47	20 ft	VMP-47-20-012113	1/21/2013	13			<0.13	U		0 0001	J		<0.0025	U		0.66			0.4			84			2		
		VMP-47-20-012313-R	1/23/2013	12			<0.12	U		0.00061	J		<0.0024	U		<0.12	U		2.1			84			1.5		
		VMP-47-20-060513	6/5/2013	11			<0.029	U		0 0011	J		<0.0029	U		0 044	J		3.7			83			1.6		
		VMP-47-20-060513-Dup	6/5/2013	11			<0.027	U		0 0012	J		<0.0027	U		0 038	J		3.7			83			1.6		
		VMP-47-20-072613	7/26/2013	11			<0.025	U		0 0012	J		<0.0025	U		<0.13	U		4.4			83			1.6		
		VMP-47-20-110813	11/8/2013	2.8			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			19		
		VMP-47-20-021914	2/19/2014	0 57			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-47-20-042914	4/29/2014	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-47-20-073114	7/31/2014	1.1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-47-20-102814	10/28/2014	0.77			<0 03	U		<0.003	U		<0 003	U		0 019	J		<0 0003	U		79			20		
		VMP-47-20-020215	2/2/2015	0 25			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0 000025	J		80			20		
		VMP-47-20-042815	4/28/2015	0.41			<0.029	U		<0.0029	U		<0.0029	U		0.2			<0.00029	U		79			20		
		VMP-47-20-072115	7/21/2015	1.2			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			19		
		VMP-47-20-102715	10/27/2015	0.44			<0.026	U		<0.0026	U		<0.0026	U		0 036	J		<0.00026	U		78			22		
		VMP-47-20-012916	1/29/2016	0 21			<0.024	U		<0.0024	U		<0.0024	U		0 013	J		<0.00024	U		79			21		
		VMP-47-20-042516	4/25/2016	0.43			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		80			20		
		VMP-47-20-072516	7/25/2016	1.2			<0.029	U		<0.0029	U		<0.0029	U		0.02	J		<0.00029	U		80			19		
		VMP-47-20-102616	10/26/2016	0 58			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-47	30 ft	VMP-47-30-012113	1/21/2013	12			<0.13	U		0.00041	J		<0.0026	U		<0.13	U		2 2			84			1.5		
		VMP-47-30-012313-R	1/23/2013	11			<0.12	U		0 0014	J		<0.0024	U		<0.12	U		4 9			82			1.4		
		VMP-47-30-060513	6/5/2013	11			<0.029	U		0 0017	J		<0.0029	U		<0.15	U		5 3			81			1.6		
		VMP-47-30-072613	7/26/2013	9.4			<0.026	U		0 0029			<0.0026	U		<0.13	U		9.1			79			1.6		
		VMP-47-30-110813	11/8/2013	3.8			<0.026	U		<0.0026	U		<0.0026	U		0.06	J		<0.00026	U		80			16		
		VMP-47-30-021914	2/19/2014	0 98			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-47-30-042914	4/29/2014	1.4			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-47-30-042914-Dup	4/29/2014	1.4			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-47-30-073114	7/31/2014	1.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
		VMP-47-30-073114-Dup	7/31/2014	1.6			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		78			20		
		VMP-47-30-102814	10/28/2014	1.3			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
		VMP-47-30-102814-DUP	10/28/2014	1.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-47-30-020215	2/2/2015	0.41			<0.026	U		<0.0026	U		<0.0026	U		0 014	J		0 000049	J		80			20		
		VMP-47-30-020215-DUP	2/2/2015	0 39			<0.025	U		<0.0025	U		<0.0025	U		0 014	J		0 000056	J		80			20		
		VMP-47-30-042815	4/28/2015	0.5			<0.024	U		<0.0024	U		<0.0024	U		1.6		J	<0.00024	U		78			20		
		VMP-47-30-042815-DUP	4/28/2015	0 51			<0.028	U		<0.0028	U		<0.0028	U		0.28		J	<0.00028	U		79			20		
		VMP-47-30-072115	7/21/2015	1.2			<0 03	U		<0.003	U		<0 003	U		0.02	J		<0 0003	U		80			19		
		VMP-47-30-102715	10/27/2015	1			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			21		
		VMP-47-30-102715-DUP	10/27/2015	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-47-30-012916-DUP	1/29/2016	0.49			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			20		
		VMP-47-30-042516	4/25/2016	0.6			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			20		
		VMP-47-30-042516-DUP	4/25/2016	0 59			<0.033	U		<0.0033	U		<0.0033	U		<0.17	U		<0.00033	U		79			20		
		VMP-47-30-072516	7/25/2016	1.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-47-30-102616	10/26/2016	1.1			<0.028	U		<0.0028	U		<0.0028	U		0 016	J		<0.00028	U		79			20		
VMP-48	5 ft	VMP-48-5-020113	2/1/2013	0 33			<0.13	U		<0.0026	U		<0.0026	U		0 022	J		0.00023	J		79			21		
		VMP-48-5-050313	5/3/2013	0 64			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00032			81			18		
		VMP-48-5-080613	8/6/2013	7.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		80			13		
		VMP-48-5-110513	11/5/2013	1.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0001	J		79			20		
		VMP-48-5-022814	2/28/2014	0.46			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00022	J		78			21		
		VMP-48-5-042814	4/28/2014	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-48-5-080114	8/1/2014	4.7			<0 03	U		<0.003	U		<0 003	U		0 034	J		<0 0003	U		78			17		
		VMP-48-05-102914	10/29/2014	2.1			<0.028	U		<0.0028	U		<0.0028	U		0.31			<0.00028	U		78			19		
		VMP-48-5-020215	2/2/2015	0 32			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00022	J		80			20		
		VMP-48-5-042815	4/28/2015	0 37			<0.026	U		<0.0026	U		<0.0026	U		0 011	J		<0.00026	U		80			20		
		VMP-48-5-072115	7/21/2015	6.9			<0 03	U		<0.003	U		<0 003	U		0 049	J		<0 0003	U		80			13		
		VMP-48-5-102015	10/20/2015	1.6			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			20		
		VMP-48-5-012916	1/29/2016	0 37			<0.032	U		<0.0032	U		<0.0032	U		0 087	J		0.00015	J		79			21		
		VMP-48-5-042516	4/25/2016	1.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-48-5-072516	7/25/2016	3.4			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		84			13		
		VMP-48-5-102616	10/26/2016	2.6			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			19		
	10 ft	VMP-48-10-020113	2/1/2013	2.7			<0.13	U		<0.0027	U		<0.0027	U		<0.13	U		0 000057	J		78			19		
		VMP-48-10-050813	5/8/2013	2			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0.00011	J		80			18		
		VMP-48-10-080613	8/6/2013	5.6			<0.026	U		<0.0026	U		<0.0026	U		0 036	J		0.00012	J		79			15		
		VMP-48-10-103113	10/31/2013	3.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			18		
		VMP-48-10-021814	2/18/2014	1.3			<0.025	U		<0.0025	U		<0.0025	U		0.0084	J		<0.00025	U		79			20		
		VMP-48-10-042814	4/28/2014	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-48-10-080114	8/1/2014	4.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000088	J		79			17		
		VMP-48-10-102914	10/29/2014	2.5			<0.023	U		<0.0023	U		<0.0023	U		0 012	J		<0.00023	U		80			18		
		VMP-48-10-020215	2/2/2015	0 66			<0.024	U		<0.0024	U		<0.0024	U		0 037	J		0.00011	J		79			20		
		VMP-48-10-042815	4/28/2015	0 91			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-48-10-042815-DUP	4/28/2015	0.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-48-10-072115	7/21/2015	5.4			<0.028	U		<0.0028	U		<0.0028	U		0 029	J		<0.00028	U		80			15		
		VMP-48-10-102015	10/20/2015	2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			20		
		VMP-48-10-012916	1/29/2016	0.72			<0.027	U		<0.0027	U		<0.0027	U		0 034	J		<0.00027	U		78			21		
		VMP-48-10-042516	4/25/2016	0 87			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-48-10-072516	7/25/2016	2.8			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			17		
		VMP-48-10-102616	10/26/2016	5			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			16		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-48	20 ft	VMP-48-20-020113	2/1/2013	4.2			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0 000044	J		78			18		
		VMP-48-20-103113	10/31/2013	5.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			17		
		VMP-48-20-021814	2/18/2014	2.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-48-20-042814	4/28/2014	1.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			20		
		VMP-48-20-080114	8/1/2014	3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			18		
		VMP-48-20-102914	10/29/2014	2.7		J	<0.028	U	UJ	<0.0028	U	UJ	<0.0028	U	UJ	7.3		J	<0.00028	U	UJ	73		J	17		J
		VMP-48-20-111814-R	11/18/2014	4.2			<0.026	U		<0.0026	U		<0.0026	U		0 012	J		<0.00026	U		78			18		
		VMP-48-20-020215	2/2/2015	2.4			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		0 000022	J		79			19		
		VMP-48-20-042815	4/28/2015	0 87			<0.024	U		<0.0024	U		<0.0024	U		0.37			<0.00024	U		79			20		
		VMP-48-20-102015	10/20/2015	3.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			18		
		VMP-48-20-042516	4/25/2016	1.2			<0 04	U		<0.004	U		<0 004	U		0.01	J		<0 0004	U		78			21		
		VMP-48-20-102616	10/26/2016	5.1			<0.025	U		<0.0025	U		<0.0025	U		0 013	J		<0.00025	U		80			15		
VMP-48	30 ft	VMP-48-30-020113	2/1/2013	11			<0.13	U		<0.0026	U		<0.0026	U		0 029	J		0.0017			87			1.6		
		VMP-48-30-020113-DUP	2/1/2013	11			<0.13	U		<0.0026	U		<0.0026	U		0 025	J		0.0017			87			1.7		
		VMP-48-30-050313	5/3/2013	8.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0004			84			7.1		
		VMP-48-30-080613	8/6/2013	9.8			<0.028	U		<0.0028	U		<0.0028	U		0 016	J		0.00052			81			8.9		
		VMP-48-30-110513	11/5/2013	7.5			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.0001	J		80			13		
		VMP-48-30-021814	2/18/2014	7.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			15		
		VMP-48-30-042814	4/28/2014	1.5			<0.028	U		<0.0028	U		<0.0028	U		0.03	J		0.00015	J		78			21		
		VMP-48-30-042814-DUP	4/28/2014	1.6			<0.026	U		<0.0026	U		<0.0026	U		0.03	J		0.00015	J		78			20		
		VMP-48-30-080114	8/1/2014	4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			16		
		VMP-48-30-080114-Dup	8/1/2014	3.6			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			17		
		VMP-48-30-102914	10/29/2014	3.4		J	<0.028	U	UJ	<0.0028	U	UJ	<0.0028	U	UJ	9.6		J	<0.00028	U	UJ	72		J	15		J
		VMP-48-30-111814-R	11/18/2014	6.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			15		
		VMP-48-30-020215	2/2/2015	5.2			<0 02	U		<0.002	U		<0 002	U		0.37			0 000038	J		77			17		
		VMP-48-30-042815	4/28/2015	8.7			<0 03	U		<0.003	U		<0 003	U		0.15	J		<0 0003	U		81			10		
		VMP-48-30-080315	8/3/2015	3.2			<0.029	U		<0.0029	U		<0.0029	U		0.12	J		<0.00029	U		80			17		
		VMP-48-30-102015	10/20/2015	5.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			16		
		VMP-48-30-102015-DUP	10/20/2015	5.3			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			16		
		VMP-48-30-012916	1/29/2016	4.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			18		
		VMP-48-30-042516	4/25/2016	3.2			<0.032	U		<0.0032	U		<0.0032	U		0.0076	J		<0.00032	U		78			19		
		VMP-48-30-042516-DUP	4/25/2016	3.2			<0.028	U		<0.0028	U		<0.0028	U		0 012	J		<0.00028	U		78			19		
		VMP-48-30-072516	7/25/2016	2.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			18		
		VMP-48-30-102616	10/26/2016	3.2		J	<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		80			17		
		VMP-48-30-102616-Dup	10/26/2016	5.1		J	<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			16		
VMP-49	5 ft	VMP-49-5-020113	2/1/2013	0.71			<0.13	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-49-5-050713	5/7/2013	0.73			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		78			21		
		VMP-49-5-080613	8/6/2013	1.7			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		79			19		
		VMP-49-5-111113	11/11/2013	0 57			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-49-5-021814	2/18/2014	0 24			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-49-5-042814	4/28/2014	0.48			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		78			21		
		VMP-49-5-080114	8/1/2014	1.1			<0.025	U		<0.0025	U		<0.0025	U		0 029	J		<0.00025	U		79			20		
		VMP-49-5-102914	10/29/2014	0.73			<0.025	U		<0.0025	U		<0.0025	U		0.46			<0.00025	U		79			20		
		VMP-49-5-102914-DUP	10/29/2014	0.7			<0.027	U		<0.0027	U		<0.0027	U		0.48			<0.00027	U		79			20		
		VMP-49-5-020215	2/3/2015	0.18			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000034	J		80			20		
		VMP-49-5-042815	4/28/2015	1.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-49-5-073015	7/30/2015	0 68			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-49-5-110315	11/3/2015	0 33			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			21		
		VMP-49-5-020116	2/1/2016	0.14			<0.028	U		<0.0028	U		<0.0028	U		0 049	J		<0.00028	U		79			21		
		VMP-49-5-042616	4/26/2016	0 37			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			20		
		VMP-49-5-080116	8/1/2016	0.71			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-49-5-102716	10/27/2016	0.46			<0.027	U		<0.0027	U		<0.0027	U		0 014	J		<0.00027	U		80			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-49	10 ft	VMP-49-10-020113	2/1/2013	0 58			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0 000051	J		79			20		
		VMP-49-10-050713	5/7/2013	0 99			<0.028	U		<0.0028	U		<0.0028	U		0 029	J		0.00014	J		79			20		
		VMP-49-10-050713-Dup	5/7/2013	1.2			<0 03	U		<0.003	U		<0 003	U		0 024	J		0.00014	J		79			20		
		VMP-49-10-080613	8/6/2013	5			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		79			16		
		VMP-49-10-103113	10/31/2013	1.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000089	J		79			20		
		VMP-49-10-021814	2/18/2014	0 25			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00011	J		80			20		
		VMP-49-10-042814	4/28/2014	0 83			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			21		
		VMP-49-10-080114	8/1/2014	2.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000098	J		78			19		
		VMP-49-10-102914	10/29/2014	1.4			<0.029	U		<0.0029	U		<0.0029	U		0.01	J		0.00011	J		79			20		
		VMP-49-10-020215	2/3/2015	0 26			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00014	J		80			20		
		VMP-49-10-042815	4/28/2015	1.2			<0 03	U		<0.003	U		<0 003	U		0 019	J		<0 0003	U		81			18		
		VMP-49-10-073015	7/30/2015	2.2			<0 03	U		<0.003	U		<0 003	U		0 027	J		<0 0003	U		79			19		
		VMP-49-10-110315	11/3/2015	0.4			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			21		
		VMP-49-10-020116	2/1/2016	0 22			<0.029	U		<0.0029	U		<0.0029	U		0.1	J		0.00018	J		79			21		
		VMP-49-10-042616	4/26/2016	0 87			<0.032	U		<0.0032	U		<0.0032	U		0.0064	J		0.00012	J		80			19		
		VMP-49-10-080116	8/1/2016	2.4			<0.025	U		<0.0025	U		<0.0025	U		0 021	J		0.00016	J		79			19		
		VMP-49-10-102716	10/27/2016	0.71			<0.027	U		<0.0027	U		<0.0027	U		0 074	J		0.00015	J		79			20		
VMP-49	20 ft	VMP-49-20-020113	2/1/2013	0 39			<0.13	U		<0.0026	U		<0.0026	U		0.75			0.00015	J		79			20		
		VMP-49-20-050913	5/9/2013	1.6			<0.029	U		<0.0029	U		<0.0029	U		0 087	J		0.00011	J		79			19		
		VMP-49-20-080613	8/6/2013	6.2			<0.031	U		<0.0031	U		<0.0031	U		0.69			0.00017	J		79			14		
		VMP-49-20-080613-Dup	8/6/2013	5.5			<0.029	U		<0.0029	U		<0.0029	U		0.62			0.00013	J		80			14		
		VMP-49-20-111113	11/11/2013	0.75			<0.026	U		<0.0026	U		<0.0026	U		0.32			0.00016	J		79			20		
		VMP-49-20-021814	2/18/2014	0.19			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00012	J		79			21		
		VMP-49-20-042814	4/28/2014	1.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-49-20-080114	8/1/2014	2.5			<0.028	U		<0.0028	U		<0.0028	U		0 034	J		0.00017	J		80			18		
		VMP-49-20-102914	10/29/2014	1.4			<0.026	U		<0.0026	U		<0.0026	U		0 044	J		0.00017	J		79			20		
		VMP-49-20-020215	2/3/2015	0 24			<0.026	U		<0.0026	U		<0.0026	U		0.01	J		0.00019	J		80			20		
		VMP-49-20-073015	7/30/2015	2			<0.028	U		<0.0028	U		<0.0028	U		0.38			0.00019	J		79			19		
		VMP-49-20-110315	11/3/2015	0 26			<0.024	U		<0.0024	U		<0.0024	U		0 025	J		0.0002	J		79			21		
		VMP-49-20-020116	2/1/2016	0.19			<0.026	U		<0.0026	U		<0.0026	U		1.7			0.00014	J		77			21		
		VMP-49-20-042616	4/26/2016	0.77			<0.026	U		<0.0026	U		<0.0026	U		0.31			0.00012	J		79			20		
		VMP-49-20-080116	8/1/2016	1.7			<0.026	U		<0.0026	U		<0.0026	U		2.4			0.00015	J		77			19		
		VMP-49-20-102716	10/27/2016	0 69			<0.026	U		<0.0026	U		<0.0026	U		1.9			0.00013	J		77			20		
	30 ft	VMP-49-30-020113	2/1/2013	11			<0.12	U		<0.0025	U		<0.0025	U		0.02	J		0 069			84			4.4		
		VMP-49-30-050813	5/8/2013	7			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		0.03			85			8.1		
		VMP-49-30-080613	8/6/2013	8.6			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00013	J		89			2.2		
		VMP-49-30-111113	11/11/2013	5.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00014	J		84			11		
		VMP-49-30-021814	2/18/2014	5.6			<0.029	U		<0.0029	U		<0.0029	U		0 011	J		0.00031			83			11		
		VMP-49-30-021814-Dup	2/18/2014	5.6			<0.027	U		<0.0027	U		<0.0027	U		0 013	J		0.00029			82			12		
		VMP-49-30-042814	4/28/2014	7.8			<0.028	U		<0.0028	U		<0.0028	U		0 061	J		<0.00028	U		85			7.1		
		VMP-49-30-080114	8/1/2014	4.5			<0.026	U		<0.0026	U		<0.0026	U		0 017	J		<0.00026	U		82			14		
		VMP-49-30-102914	10/29/2014	4.8			<0.028	U		<0.0028	U		<0.0028	U		0.76			<0.00028	U		78			16		
		VMP-49-30-020215	2/3/2015	3.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00009	J		81			16		
		VMP-49-30-042815	4/28/2015	3.6			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		78			18		
		VMP-49-30-073015	7/30/2015	13			<0 03	U		<0.003	U		<0 003	U		0 025	J		0.25			84			2.5		
		VMP-49-30-073015-DUP	7/30/2015	13			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.25			84			2.4		
		VMP-49-30-110315	11/3/2015	13			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		81			6.4		
		VMP-49-30-110315-DUP	11/3/2015	13			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		81			6.2		
		VMP-49-30-020116	2/1/2016	14			<0.028	U		<0.0028	U		<0.0028	U		0.04	J		<0.00028	U		78			7.9		
		VMP-49-30-020116-DUP	2/1/2016	14			<0.026	U		<0.0026	U		<0.0026	U		0 031	J		<0.00026	U		78			7.8		
		VMP-49-30-042716	4/27/2016	12			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			9.3		
		VMP-49-30-042716-DUP	4/27/2016	12			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			9.6		
		VMP-49-30-080116	8/1/2016	8.9			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			11		
		VMP-49-30-080116-DUP	8/1/2016	7.4			<0.029	U		<0.0029	U		<0.0029	U		0.0068	J		<0.00029	U		80			13		
		VMP-49-30-102716	10/27/2016	9.7			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			10		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-50	5 ft	VMP-50-5-020113	2/1/2013	0 85			<0.13	U		<0.0025	U		<0.0025	U		<0.13	U		0.00023	J		79			20		
		VMP-50-5-050713	5/7/2013	1.9			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00018	J		80			18		
		VMP-50-5-080713	8/7/2013	6.9			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		81			12		
		VMP-50-5-110713	11/7/2013	3.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			18		
		VMP-50-5-022614	2/26/2014	0 84			<0.025	U		<0.0025	U		<0.0025	U		0 088	J		0.00012	J		78			21		
		VMP-50-5-043014	4/30/2014	1.8			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		0 000079	J		79			19		
		VMP-50-5-081414	8/14/2014	6.1			<0.039	U		<0.0039	U		<0.0039	U		<0.19	U		<0.00039	U		79			15		
		VMP-50-5-110614	11/6/2014	2.6			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			18		
		VMP-50-5-021015	2/10/2015	0 31			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0001	J		80			20		
		VMP-50-5-050515	5/5/2015	0.75			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-50-5-073015	7/30/2015	2.3			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			19		
		VMP-50-5-110315	11/3/2015	0 68			<0.023	U		<0.0023	U		<0.0023	U		<0.11	U		<0.00023	U		78			21		
		VMP-50-5-020216	2/2/2016	0.17			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-50-5-050316	5/3/2016	1.2			<0.026	U		<0.0026	U		<0.0026	U		0 013	J		<0.00026	U		80			19		
		VMP-50-5-080216	8/2/2016	5.9			<0.036	U		<0.0036	U		<0.0036	U		<0.18	U		<0.00036	U		80			14		
		VMP-50-5-103116	10/31/2016	3.1			<0.046	U		<0.0046	U		<0.0046	U		<0.23	U		<0.00046	U		79			18		
	10 ft	VMP-50-10-020113	2/1/2013	4			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		0 000044	J		80			16		
		VMP-50-10-050713	5/7/2013	2.6			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00019	J		79			18		
		VMP-50-10-080713	8/7/2013	5.2			<0.028	U		<0.0028	U		<0.0028	U		0 033	J		<0.00028	U		82			13		
		VMP-50-10-080713-Dup	8/7/2013	5			<0.028	U		<0.0028	U		<0.0028	U		0.06	J		<0.00028	U		81			14		
		VMP-50-10-110713	11/7/2013	5.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			16		
		VMP-50-10-022614	2/26/2014	1.9			<0.023	U		<0.0023	U		<0.0023	U		0 032	J		<0.00023	U		78			20		
		VMP-50-10-043014	4/30/2014	1.7			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-50-10-081414	8/14/2014	4.7			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		80			15		
		VMP-50-10-110614	11/6/2014	3.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			17		
		VMP-50-10-021015	2/10/2015	0.46			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0 000059	J		78			21		
		VMP-50-10-050515	5/5/2015	0.74			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			20		
		VMP-50-10-073015	7/30/2015	2			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			19		
		VMP-50-10-110315	11/3/2015	1.1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-50-10-020216	2/2/2016	0 32			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			21		
		VMP-50-10-050316	5/3/2016	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
		VMP-50-10-082616	8/26/2016	4.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		81			14		
		VMP-50-10-103116	10/31/2016	5.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			15		
	20 ft	VMP-50-20-020113	2/1/2013	0 39			<0.13	U		<0.0027	U		<0.0027	U		0.03	J		0.00037			80			20		
		VMP-50-20-050713	5/7/2013	9.2			<0.031	U		<0.0031	U		<0.0031	U		0.85			0.0018			76			14		
		VMP-50-20-080713	8/7/2013	8.8			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00023	J		81			10		
		VMP-50-20-110713	11/7/2013	9.7			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		77			13		
		VMP-50-20-110713-Dup	11/7/2013	9.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		77			13		
		VMP-50-20-022614	2/26/2014	7.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00018	J		76			16		
		VMP-50-20-043014	4/30/2014	4.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00014	J		78			18		
		VMP-50-20-081414	8/14/2014	4.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		79			16		
		VMP-50-20-110614	11/6/2014	6			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			15		
		VMP-50-20-021015	2/10/2015	1.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000073	J		79			20		
		VMP-50-20-050515	5/5/2015	0 97			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
		VMP-50-20-073015	7/30/2015	2.4			<0.028	U		<0.0028	U		<0.0028	U		0 016	J		<0.00028	U		80			18		
		VMP-50-20-110315	11/3/2015	1.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			20		
		VMP-50-20-020216	2/2/2016	0 94			<0.034	U		<0.0034	U		<0.0034	U		<0.17	U		<0.00034	U		78			21		
		VMP-50-20-050316	5/3/2016	1.6			<0.032	U		<0.0032	U		<0.0032	U		0 012	J		<0.00032	U		79			19		
		VMP-50-20-082616	8/26/2016	3.4			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		81			16		
		VMP-50-20-103116	10/31/2016	5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			15		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-50	30 ft	VMP-50-30-020113	2/1/2013	8			<0.13	U		0.000056	J		0.000051	J		<0.13	U		0.56			77			14		
		VMP-50-30-050713	5/7/2013	3.8			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		0 055			78			18		
		VMP-50-30-080713	8/7/2013	3.7			<0.028	U		<0.0028	U		<0.0028	U		0 052	J		0 044			79			17		
		VMP-50-30-110713	11/7/2013	2.8			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0 024			78			19		
		VMP-50-30-022614	2/26/2014	2.3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0 045			78			19		
		VMP-50-30-022614-Dup	2/26/2014	2.2			<0.023	U		<0.0023	U		<0.0023	U					0 044			78			20		
		VMP-50-30-043014	4/30/2014	1.9			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.0052			79			19		
		VMP-50-30-043014-DUP	4/30/2014	1.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0052			79			19		
		VMP-50-30-081414	8/14/2014	2.1			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		0 017			79			19		
		VMP-50-30-081414-Dup	8/14/2014	2			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		0 017			80			18		
		VMP-50-30-110614	11/6/2014	2.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0015			78			19		
		VMP-50-30-110614-DUP	11/6/2014	2.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0014			79			19		
		VMP-50-30-021015	2/10/2015	1.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0019			79			19		
		VMP-50-30-050515	5/5/2015	1.5			<0 03	U		<0.003	U		<0 003	U		0 019	J		0.00034			79			19		
		VMP-50-30-061515-R	6/15/2015	1.6			<0.028	U		<0.0028	U		<0.0028	U		0 021	J		0.00029			79			19		
		VMP-50-30-073015	7/30/2015	1.6			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		80			18		
		VMP-50-30-110315	11/3/2015	1.5			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.0002	J		78			20		
		VMP-50-30-020216	2/2/2016	1.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0008			79			20		
		VMP-50-30-020216-DUP	2/2/2016	1.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00084			79			20		
		VMP-50-30-050316	5/3/2016	1			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00019	J		80			19		
		VMP-50-30-080216	8/2/2016	1.9			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0037			80			18		
		VMP-50-30-103116	10/31/2016	2.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.0089			78			19		
VMP-51	5 ft	VMP-51-5-020113	2/1/2013	0 33			<0.14	U		<0.0027	U		<0.0027	U		<0.14	U		0 000057	J		80			20		
		VMP-51-5-050213	5/2/2013	0 96			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00039			78			21		
		VMP-51-5-080713	8/7/2013	1.1			<0.055	U		<0.0055	U		<0.0055	U		<0.27	U		0.00018	J		80			19		
		VMP-51-5-103013	10/30/2013	0.19			<0 04	U		<0.004	U		<0 004	U		<0 2	U		0.00017	J		78			22		
		VMP-51-5-021814	2/18/2014	0 26			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00015	J		79			21		
		VMP-51-5-042814	4/28/2014	0 55			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		78			21		
		VMP-51-5-080114	8/1/2014	0.48			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00015	J		80			20		
		VMP-51-05-102914	10/29/2014	0 29			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00016	J		79			21		
		VMP-51-5-020315	2/3/2015	0.13			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00016	J		80			20		
		VMP-51-5-042915	4/29/2015	0 22			<0.028	U		<0.0028	U		<0.0028	U		0.28			0.00017	J		78			21		
		VMP-51-5-072115	7/21/2015	0.42			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-51-5-102815	10/28/2015	0.12			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			20		
		VMP-51-5-012516	1/25/2016	0.051			<0.022	U		<0.0022	U		<0.0022	U		0.11	J		<0.00022	U		83			17		
		VMP-51-5-042816	4/28/2016	0 23			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00013	J		80			20		
		VMP-51-5-072716	7/27/2016	1.6			<0.028	U		<0.0028	U		<0.0028	U		0 025	J		<0.00028	U		81			17		
		VMP-51-5-101916	10/19/2016	0.43			<0.028	U		<0.0028	U		<0.0028	U		0 012	J		0.00011	J		80			20		
VMP-51	10 ft	VMP-51-10-020113	2/1/2013	0.72			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-51-10-050213	5/2/2013	1			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			20		
		VMP-51-10-080713	8/7/2013	1.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-51-10-103013	10/30/2013	0.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-51-10-021814	2/18/2014	0 28			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-51-10-042814	4/28/2014	0 66			<0.027	U		<0.0027	U		<0.0027	U		0 019	J		<0.00027	U		79			20		
		VMP-51-10-080114	8/1/2014	0 84			<0.026	U		<0.0026	U		<0.0026	U		0 022	J		<0.00026	U		79			20		
		VMP-51-10-102914	10/29/2014	0 51			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000099	J		78			21		
		VMP-51-10-020315	2/3/2015	0.17			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000073	J		80			20		
		VMP-51-10-042915	4/29/2015	0 37			<0.027	U		<0.0027	U		<0.0027	U		0.57			<0.00027	U		78			21		
		VMP-51-10-072115	7/21/2015	0 89			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			19		
		VMP-51-10-102815	10/28/2015	0 21			<0.027	U		<0.0027	U		<0.0027	U		0 058	J		<0.00027	U		79			21		
		VMP-51-10-012516	1/25/2016	0.14			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			21		
		VMP-51-10-042816	4/28/2016	0.48			<0.027	U		<0.0027	U		<0.0027	U		<0.14	J	U	0.00009	J		80			20		
		VMP-51-10-042816-DUP	4/28/2016	0.45			<0.028	U		<0.0028	U		<0.0028	U		<0.14	J	U	0 000093	J		80			20		
		VMP-51-10-072716	7/27/2016	1.7			<0.029	U		<0.0029	U		<0.0029	U		0 013	J		<0.00029	U		81			17		
		VMP-51-10-101916	10/19/2016	0 81			<0.023	U		<0.0023	U		<0.0023	U		0 043	J		<0.00023	U		79			20		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-51	20 ft	VMP-51-20-021513-R	2/15/2013	2.9			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			19		
		VMP-51-20-050213	5/2/2013	1.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			21		
		VMP-51-20-080713	8/7/2013	3.3			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			18		
		VMP-51-20-103013	10/30/2013	1.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-51-20-021814	2/18/2014	0 98			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			21		
		VMP-51-20-042814	4/28/2014	0 66			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-51-20-080114	8/1/2014	1.9			<0.029	U		<0.0029	U		<0.0029	U		0 021	J		<0.00029	U		79			19		
		VMP-51-20-102914	10/29/2014	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-51-20-020315	2/3/2015	0 59			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00002	J		79			20		
		VMP-51-20-042915	4/29/2015	0.42			<0.025	U		<0.0025	U		<0.0025	U		0.57			<0.00025	U		79			20		
		VMP-51-20-072115	7/21/2015	1.4			<0.036	U		<0.0036	U		<0.0036	U		<0.18	U		<0.00036	U		80			19		
		VMP-51-20-102815	10/28/2015	0 82			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			20		
		VMP-51-20-012516	1/25/2016	0.42			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-51-20-052516-R	5/25/2016	0.77			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-51-20-072716	7/27/2016	1.2			<0.032	U		<0.0032	U		<0.0032	U		0.0092	J		<0.00032	U		80			19		
		VMP-51-20-101916-Dup	10/19/2016	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-51-20-101916	10/19/2016	2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
VMP-51	30 ft	VMP-51-30-020413	2/4/2013	4			<0.14	U		<0.0029	U		<0.0029	U		0 036	J		0 000024	J		78			18		
		VMP-51-30-020413-DUP	2/4/2013	3.9			<0.14	U		<0.0028	U		<0.0028	U		0 034	J		0 000028	J		78			18		
		VMP-51-30-050213	5/2/2013	2.5			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		78			20		
		VMP-51-30-080713	8/7/2013	3.4			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			18		
		VMP-51-30-103013	10/30/2013	2.5			<0.052	U		<0.0052	U		<0.0052	U		<0.26	U		<0.00052	U		78			19		
		VMP-51-30-021814	2/18/2014	1.7			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			20		
		VMP-51-30-042814	4/28/2014	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-51-30-080114	8/1/2014	2.2			<0.028	U		<0.0028	U		<0.0028	U		0 034	J		<0.00028	U		79			19		
		VMP-51-30-102914	10/29/2014	2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
		VMP-51-30-102914-DUP	10/29/2014	2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			20		
		VMP-51-30-020315	2/3/2015	1.1			<0.025	U		<0.0025	U		<0.0025	U		0 042	J		0 000069	J		79			20		
		VMP-51-30-020315-DUP	2/3/2015	1.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000029	J		79			20		
		VMP-51-30-042915	4/29/2015	0.73			<0.027	U		<0.0027	U		<0.0027	U		0.43			<0.00027	U		79			20		
		VMP-51-30-042915-DUP	4/29/2015	0.74			<0.027	U		<0.0027	U		<0.0027	U		0.41			<0.00027	U		79			20		
		VMP-51-30-072115	7/21/2015	1.5			<0.026	U		<0.0026	U		<0.0026	U		0.1	J		<0.00026	U		80			19		
		VMP-51-30-102815	10/28/2015	1.2			<0.031	U		<0.0031	U		<0.0031	U		0 047	J		<0.00031	U		79			20		
		VMP-51-30-012516	1/25/2016	0 86			<0.027	U		<0.0027	U		<0.0027	U		0 041	J		<0.00027	U		79			20		
		VMP-51-30-012516-DUP	1/25/2016	0 87			<0.027	U		<0.0027	U		<0.0027	U		0 041	J		<0.00027	U		79			20		
		VMP-51-30-042816	4/28/2016	0.76			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-51-30-072716	7/27/2016	1.5			<0.027	U		<0.0027	U		<0.0027	U		0 022	J		<0.00027	U		80			19		
		VMP-51-30-072716-DUP	7/27/2016	1.5			<0.026	U		<0.0026	U		<0.0026	U		0.0056	J		<0.00026	U		80			19		
		VMP-51-30-101916	10/19/2016	1.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
VMP-52	5 ft	VMP-52-5-020413	2/4/2013	0 98			<0.13	U		<0.0025	U		<0.0025	U		<0.13	U		0.00031			81			18		
		VMP-52-5-050213	5/2/2013	1.9			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		82			16		
		VMP-52-5-050213-Dup	5/2/2013	1.8			<0.028	U		<0.0028	U		<0.0028	U		0 012	J		0.00014	J		82			16		
		VMP-52-5-080713	8/7/2013	5.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			14		
		VMP-52-5-103013	10/30/2013	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-52-5-022114	2/21/2014	0.42			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0011			78			21		
		VMP-52-5-050514	5/5/2014	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		81			18		
		VMP-52-5-050514-Dup	5/5/2014	1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000089	J		81			18		
		VMP-52-5-080114	8/1/2014	5			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			17		
		VMP-52-5-103114	10/31/2014	3.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000065	J		79			18		
		VMP-52-5-020415	2/4/2015	1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00011	J		79			20		
		VMP-52-5-042915	4/29/2015	2.1			<0.029	U		<0.0029	U		<0.0029	U		0.28			<0.00029	U		79			19		
		VMP-52-5-072715	7/27/2015	6.9			<0.029	U		<0.0029	U		<0.0029	U		0.12	J		<0.00029	U		78			15		
		VMP-52-5-102915	10/29/2015	1.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-52-5-012516	1/25/2016	0 56			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00011	J		78			21		
		VMP-52-5-042516	4/25/2016	1.1			<0.025	U		<0.0025	U		<0.0025	U		0 013	J		<0.00025	U		80			19		
		VMP-52-5-072716	7/27/2016	4.5			<0.029	U		<0.0029	U		<0.0029	U		0.0069	J		<0.00029	U		84			12		
		VMP-52-5-102716	10/27/2016	2.8			<0.025	U		<0.0025	U		<0.0025	U		0 087	J		<0.00025	U		79			18		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-52	10 ft	VMP-52-10-020413	2/4/2013	2.6			<0.12	U		<0.0024	U		<0.0024	U		<0.12	U		0.00068			82			15		
		VMP-52-10-051613	5/16/2013	3.2			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00013	J		81			16		
		VMP-52-10-080713	8/7/2013	6.1			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			14		
		VMP-52-10-103013	10/30/2013	4.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		77			19		
		VMP-52-10-022114	2/21/2014	1.5			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
		VMP-52-10-080114	8/1/2014	3.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			16		
		VMP-52-10-103114	10/31/2014	5.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		82			13		
		VMP-52-10-020415	2/4/2015	4.6			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			17		
		VMP-52-10-042915	4/29/2015	3.7			<0.033	U		<0.0033	U		<0.0033	U		0.2			<0.00033	U		78			18		
		VMP-52-10-072715	7/27/2015	6.1			<0.027	U		<0.0027	U		<0.0027	U		0.12	J		<0.00027	U		82			12		
		VMP-52-10-102915	10/29/2015	7.6			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		75			17		
		VMP-52-10-012516	1/25/2016	3.7			<0.025	U		<0.0025	U		<0.0025	U		0 021	J		<0.00025	U		78			18		
		VMP-52-10-042516	4/25/2016	2.6			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		79			18		
		VMP-52-10-072716	7/27/2016	3.4			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		86			11		
		VMP-52-10-102716	10/27/2016	6.4			<0.027	U		<0.0027	U		<0.0027	U		0.01	J		<0.00027	U		80			14		
	20 ft	VMP-52-20-020413	2/4/2013	6			<0.13	U		<0.0027	U		<0.0027	U		0 031	J		0.00073			81			13		
		VMP-52-20-020413-DUP	2/4/2013	6.1			<0.13	U		<0.0026	U		<0.0026	U		0 036	J		0.00074			81			13		
		VMP-52-20-050213	5/2/2013	3.9			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		78			18		
		VMP-52-20-080713	8/7/2013	3.7			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		80			16		
		VMP-52-20-103013	10/30/2013	4.3			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			17		
		VMP-52-20-022114	2/21/2014	3.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			19		
		VMP-52-20-042914	4/29/2014	4.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0.00034			80			16		
		VMP-52-20-082014-R	8/20/2014	4.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			16		
		VMP-52-20-103114	10/31/2014	4.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000074	J		80			16		
		VMP-52-20-020415	2/4/2015	4.8			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0 000033	J		78			17		
		VMP-52-20-042915	4/29/2015	3.3			<0.027	U		<0.0027	U		<0.0027	U		0.25			<0.00027	U		78			18		
		VMP-52-20-072715	7/27/2015	2.8			<0.028	U		<0.0028	U		<0.0028	U		0.11	J		<0.00028	U		79			18		
		VMP-52-20-102915	10/29/2015	4.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			16		
		VMP-52-20-012516	1/25/2016	3.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			18		
		VMP-52-20-042516	4/25/2016	2.6			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			18		
		VMP-52-20-072716	7/27/2016	2.8			<0.033	U		<0.0033	U		<0.0033	U		<0.16	U		<0.00033	U		80			17		
		VMP-52-20-102716	10/27/2016	3.8			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			17		
VMP-52	30 ft	VMP-52-30-020413	2/4/2013	7			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		0.0014			81			12		
		VMP-52-30-050613	5/6/2013	4.9			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		78			17		
		VMP-52-30-080713	8/7/2013	3.9			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			16		
		VMP-52-30-103013	10/30/2013	4.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			17		
		VMP-52-30-022114	2/21/2014	4.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		79			17		
		VMP-52-30-022114-Dup	2/21/2014	4.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00013	J		79			17		
		VMP-52-30-042914	4/29/2014	5.2			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.00055			81			14		
		VMP-52-30-042914-DUP	4/29/2014	5.1			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0.00056			81			14		
		VMP-52-30-080114	8/1/2014	4.5			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			16		
		VMP-52-30-080114-Dup	8/1/2014	4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000081	J		79			17		
		VMP-52-30-103114	10/31/2014	5.3			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0 000036	J		80			15		
		VMP-52-30-020415	2/4/2015	5.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000057	J		79			16		
		VMP-52-30-020415-DUP	2/4/2015	5.3			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0 000056	J		79			16		
		VMP-52-30-042915	4/29/2015	4.1			<0.024	U		<0.0024	U		<0.0024	U		0.22			<0.00024	U		79			17		
		VMP-52-30-072715	7/27/2015	3.7			<0.028	U		<0.0028	U		<0.0028	U		0 099	J		<0.00028	U		79			17		
		VMP-52-30-102915	10/29/2015	4.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			16		
		VMP-52-30-020216-R	2/2/2016	4			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			17		
		VMP-52-30-042516	4/25/2016	3.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
		VMP-52-30-072716	7/27/2016	3			<0.033	U		<0.0033	U		<0.0033	U		<0.16	U		<0.00033	U		80			17		
		VMP-52-30-102716	10/27/2016	4.1			<0.039	U		<0.0039	U		<0.0039	U		<0 2	U		<0.00039	U		80			16		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	5 ft	VMP-53-5-020513	2/5/2013	0.49			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0 000073	J		78			21		
		VMP-53-5-050213	5/2/2013	0.79			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		78			21		
		VMP-53-5-071113-R	7/11/2013	2.4			<0 04	U		<0.004	U		<0 004	U		<0 2	U		<0 0004	U		79			19		
		VMP-53-5-080613	8/6/2013	1.9			<0.054	U		<0.0054	U		<0.0054	U		0 022	J		<0.00054	U		79			19		
		VMP-53-5-103013	10/30/2013	0.46			<0 05	U		<0.005	U		<0 005	U		<0.25	U		<0 0005	U		78			21		
		VMP-53-5-022114	2/21/2014	0 33			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-53-5-042514	4/25/2014	0.5			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			20		
		VMP-53-5-073014	7/30/2014	1.8			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0 000031	J		80			18		
		VMP-53-5-102914	10/29/2014	0 93			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-53-5-020415	2/4/2015	0 25			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00013	J		79			21		
		VMP-53-5-050415	5/4/2015	0.75			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			20		
		VMP-53-5-072415	7/24/2015	1.9			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		79			19		
		VMP-53-5-102815	10/28/2015	0.77			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-53-5-012816	1/28/2016	0 22			<0.027	U		<0.0027	U		<0.0027	U		0 019	J		<0.00027	U		80			20		
		VMP-53-5-042816	4/28/2016	0.7			<0.025	U		<0.0025	U		<0.0025	U		0 027	J		<0.00025	U		79			20		
		VMP-53-5-072916	7/29/2016	2.3			<0.032	U		<0.0032	U		<0.0032	U		0 011	J		<0.00032	U		80			18		
		VMP-53-5-102516	10/25/2016	1.2			<0.027	U		<0.0027	U		<0.0027	U		0.0089	J		<0.00027	U		79			20		
		VMP-53-5-120916	12/9/2016	0 98			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			19		
VMP-53	10 ft	VMP-53-10-020513	2/5/2013	0 59			<0.13	U		<0.0026	U		<0.0026	U		0 027	J		0 000018	J		78			21		
		VMP-53-10-020513-DUP	2/5/2013	0 58			<0.12	U		<0.0025	U		<0.0025	U		0 019	J		0.00002	J		78			21		
		VMP-53-10-050313	5/3/2013	0 61			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00082			77			22		
		VMP-53-10-071113-R	7/11/2013	1.9			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		78			20		
		VMP-53-10-080613	8/6/2013	1.6			<0.058	U		<0.0058	U		<0.0058	U		0 029	J		<0.00058	U		79			19		
		VMP-53-10-080613-Dup	8/6/2013	1.6			<0.029	U		<0.0029	U		<0.0029	U		0 022	J		<0.00029	U		79			19		
		VMP-53-10-103013	10/30/2013	0.46			<0.028	U		<0.0028	U		<0.0028	U		1			<0.00028	U		78			20		
		VMP-53-10-022114	2/21/2014	0 24			<0.025	U		<0.0025	U		<0.0025	U		0 012	J		<0.00025	U		79			21		
		VMP-53-10-042514	4/25/2014	0.42			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			21		
		VMP-53-10-073014	7/30/2014	1.4			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0 000046	J		80			19		
		VMP-53-10-102914	10/29/2014	0 82			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		78			21		
		VMP-53-10-020415	2/4/2015	0.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000034	J		79			21		
		VMP-53-10-050415	5/4/2015	0 55			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-53-10-072415	7/24/2015	1.4			<0.028	U		<0.0028	U		<0.0028	U		0 017	J		<0.00028	U		79			20		
		VMP-53-10-102815	10/28/2015	0.74			<0.026	U		<0.0026	U		<0.0026	U		0 017	J		<0.00026	U		79			20		
		VMP-53-10-012816	1/28/2016	0 21			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		79			21		
		VMP-53-10-042816	4/28/2016	0 55			<0.029	U		<0.0029	U		<0.0029	U		0 059	J		<0.00029	U		79			20		
		VMP-53-10-082616	8/26/2016	1.6			<0.025	U		<0.0025	U		<0.0025	U		0 015	J		<0.00025	U		79			19		
		VMP-53-10-102516	10/25/2016	1.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-53-10-120916	12/9/2016	1.2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			19		
	20 ft	VMP-53-20-020513	2/5/2013	1.8			<0.13	U		<0.0026	U		<0.0026	U		<0.13	U		0 000029	J		78			20		
		VMP-53-20-050313	5/3/2013	0 93			<0.036	U		<0.0036	U		<0.0036	U		0.44			<0.00036	U		77			22		
		VMP-53-20-071113-R	7/11/2013	2.1			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		79			19		
		VMP-53-20-080613	8/6/2013	1.9			<0 03	U		<0.003	U		<0 003	U		0.17			<0 0003	U		79			19		
		VMP-53-20-103013	10/30/2013	1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-53-20-103013-Dup	10/30/2013	1			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			20		
		VMP-53-20-022114	2/21/2014	0.48			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			21		
		VMP-53-20-042514	4/25/2014	0 52			<0.028	U		<0.0028	U		<0.0028	U		0.73			<0.00028	U		79			20		
		VMP-53-20-073014	7/30/2014	1.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000026	J		80			18		
		VMP-53-20-102914	10/29/2014	1.4			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-53-20-020415	2/4/2015	0 53			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000028	J		78			21		
		VMP-53-20-050415	5/4/2015	0 51			<0.027	U		<0.0027	U		<0.0027	U		0.24			<0.00027	U		79			20		
		VMP-53-20-072415	7/24/2015	1.6			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			19		
		VMP-53-20-102815	10/28/2015	1.3			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-53-20-021616	2/16/2016	0 57			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		78			21		
		VMP-53-20-042816	4/28/2016	0 63			<0.027	U		<0.0027	U		<0.0027	U		0.0057	J		<0.00027	U		79			20		
		VMP-53-20-072916	7/29/2016	1.6			<0 03	U		<0.003	U		<0 003	U		0.0071	J		<0 0003	U		80			18		
		VMP-53-20-102516	10/25/2016	2			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-53-20-120916	12/9/2016	2.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			18		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-53	30 ft	VMP-53-30-020513	2/5/2013	3.5			<0.13	U		<0.0027	U		<0.0027	U		0 026	J		0 000043	J		78			19		
		VMP-53-30-050313	5/3/2013	2.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		77			20		
		VMP-53-30-071113-R	7/11/2013	2.8			<0.033	U		<0.0033	U		<0.0033	U		<0.16	U		<0.00033	U		79			18		
		VMP-53-30-080613	8/6/2013	3			<0.033	U		<0.0033	U		<0.0033	U		<0.16	U		<0.00033	U		79			18		
		VMP-53-30-103013	10/30/2013	2.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			18		
		VMP-53-30-022114	2/21/2014	1.6			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			20		
		VMP-53-30-042514	4/25/2014	0 53			<0.027	U		<0.0027	U		<0.0027	U		0.0068	J		<0.00027	U		79			20		
		VMP-53-30-042514-DUP	4/25/2014	0 52			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-53-30-073014	7/30/2014	2.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0 000028	J		80			18		
		VMP-53-30-073014-Dup	7/30/2014	2.3			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		81			17		
		VMP-53-30-102914	10/29/2014	3.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			18		
		VMP-53-30-020415	2/4/2015	2.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000029	J		78			20		
		VMP-53-30-050415	5/4/2015	1.6			<0 03	U		<0.003	U		<0 003	U		0.02	J		<0 0003	U		79			19		
		VMP-53-30-072415	7/24/2015	2.1			<0.028	U		<0.0028	U		<0.0028	U		0 038	J		<0.00028	U		80			18		
		VMP-53-30-102815	10/28/2015	3			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			18		
		VMP-53-30-012816	1/28/2016	2.6			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			19		
		VMP-53-30-042816	4/28/2016	1.8			<0.031	U		<0.0031	U		<0.0031	U		0.0075	J		<0.00031	U		79			19		
		VMP-53-30-052516-R	5/25/2016	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-53-30-072916	7/29/2016	1.6			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		79			19		
		VMP-53-30-102516	10/25/2016	3.4			<0.049	U		<0.0049	U		<0.0049	U		<0.24	U		<0.00049	U		80			17		
		VMP-53-30-120916	12/9/2016	3.4			<0.029	U		<0.0029	U		<0.0029	U		0.11	J		0.0002	J		80			17		
VMP-54	5 ft	VMP-54-5-020613	2/6/2013	1.7			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		79			19		
		VMP-54-5-050213	5/2/2013	2.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			18		
		VMP-54-5-080613	8/6/2013	5.2			<0.033	U		<0.0033	U		<0.0033	U		0.11	J		<0.00033	U		79			16		
		VMP-54-5-103013	10/30/2013	2.8			<0.027	U		<0.0027	U		<0.0027	U		1.1			<0.00027	U		78			18		
		VMP-54-5-021014	2/10/2014	0 92			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			21		
		VMP-54-5-042514	4/25/2014	1.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-54-5-073014	7/30/2014	4.4			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0 000025	J		80			16		
		VMP-54-5-102914	10/29/2014	3.5			<0.027	U		<0.0027	U		<0.0027	U		0.0086	J		<0.00027	U		78			18		
		VMP-54-5-020515	2/5/2015	0 98			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000053	J		79			20		
		VMP-54-5-050415	5/4/2015	1.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-54-5-072415	7/24/2015	4.2			<0.031	U		<0.0031	U		<0.0031	U		<0.16	U		<0.00031	U		80			16		
		VMP-54-5-102715	10/27/2015	3			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			19		
		VMP-54-5-012816	1/28/2016	0 99			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		78			21		
		VMP-54-5-042916	4/29/2016	1.7			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-54-5-080116	8/1/2016	4.4			<0.028	U		<0.0028	U		<0.0028	U		0 064	J		<0.00028	U		80			16		
		VMP-54-5-102816	10/28/2016	3.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			17		
	10 ft	VMP-54-10-020613	2/6/2013	3.2			<0.14	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			18		
		VMP-54-10-050213	5/2/2013	2.8			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		78			19		
		VMP-54-10-080613	8/6/2013	4.5			<0.029	U		<0.0029	U		<0.0029	U		0.12	J		<0.00029	U		80			16		
		VMP-54-10-103013	10/30/2013	3			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		79			18		
		VMP-54-10-021014	2/10/2014	1.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
		VMP-54-10-050814-R	5/8/2014	1.8			<0.028	U		<0.0028	U		<0.0028	U		0.0078	J		<0.00028	U		79			19		
		VMP-54-10-073014	7/30/2014	3.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000018	J		80			17		
		VMP-54-10-102914	10/29/2014	2.8			<0.028	U		<0.0028	U		<0.0028	U		3.4			<0.00028	U		77			17		
		VMP-54-10-020515	2/5/2015	1.3			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			19		
		VMP-54-10-050415	5/4/2015	1.3			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-54-10-072415	7/24/2015	2.8			<0.033	U		<0.0033	U		<0.0033	U		0 013	J		<0.00033	U		80			17		
		VMP-54-10-102715	10/27/2015	3			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			18		
		VMP-54-10-012816	1/28/2016	1.6			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		78			20		
		VMP-54-10-042916	4/29/2016	1.6			<0.029	U		<0.0029	U		<0.0029	U		<0.14	J	U	<0.00029	U		79			19		
		VMP-54-10-080116	8/1/2016	2.9			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			17		
		VMP-54-10-102816	10/28/2016	3.5			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			17		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-54	20 ft	VMP-54-20-020613	2/6/2013	4.7			<0.14	U		<0.0028	U		<0.0028	U		0 039	J		<0.00028	U		80			15		
		VMP-54-20-020613-DUP	2/6/2013	4.6			<0.14	U		<0.0028	U		<0.0028	U		0 035	J		0 000022	J		80			15		
		VMP-54-20-050213	5/2/2013	3			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		77			20		
		VMP-54-20-080613	8/6/2013	3.8			<0.032	U		<0.0032	U		<0.0032	U		0 014	J		<0.00032	U		80			16		
		VMP-54-20-103013	10/30/2013	4.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			16		
		VMP-54-20-021014	2/10/2014	2.8			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			19		
		VMP-54-20-042514	4/25/2014	1.9			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			18		
		VMP-54-20-073014	7/30/2014	2.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			17		
		VMP-54-20-102914	10/29/2014	3.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			17		
		VMP-54-20-020515	2/5/2015	2			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0 000024	J		79			19		
		VMP-54-20-050415	5/4/2015	1.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-54-20-072415	7/24/2015	1.7			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			18		
		VMP-54-20-102715	10/27/2015	2.8			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		80			17		
		VMP-54-20-102715-DUP	10/27/2015	2.9			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			18		
		VMP-54-20-012816	1/28/2016	2			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			19		
		VMP-54-20-050516	5/5/2016	1.7			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			19		
		VMP-54-20-050516-DUP	5/5/2016	1.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-54-20-080116	8/1/2016	2			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		81			17		
		VMP-54-20-102816	10/28/2016	2.8			<0.036	U		<0.0036	U		<0.0036	U		<0.18	U		<0.00036	U		80			17		
VMP-54	30 ft	VMP-54-30-020613	2/6/2013	5.3			<0.15	U		<0.003	U		<0 003	U		0 032	J		0 000042	J		81			14		
		VMP-54-30-020613-DUP	2/6/2013	5.4			<0.15	U		<0.003	U		<0 003	U		0 028	J		0 000051	J		81			14		
		VMP-54-30-050213	5/2/2013	3.7			<0.029	U		<0.0029	U		<0.0029	U		0.03	J		<0.00029	U		79			17		
		VMP-54-30-050213-Dup	5/2/2013	3.8			<0.029	U		<0.0029	U		<0.0029	U		0 029			<0.00029	U		79			17		
		VMP-54-30-103013	10/30/2013	4.2			<0 03	U		<0.003	U		<0 003	U		1.8			<0 0003	U		78			16		
		VMP-54-30-021014	2/10/2014	3.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			18		
		VMP-54-30-042514	4/25/2014	2.5			<0.029	U		<0.0029	U		<0.0029	U		0.79			<0.00029	U		79			18		
		VMP-54-30-073014	7/30/2014	2.7			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			17		
		VMP-54-30-110614-R	11/6/2014	1.7			<0.026	U		<0.0026	U		<0.0026	U		0.76			0.00014	J		78			19		
		VMP-54-30-021215	2/12/2015	0 25			<0.024	U		<0.0024	U		<0.0024	U		0.68			0.00022	J		79			20		
		VMP-54-30-050415	5/4/2015	1.1			<0.029	U		<0.0029	U		<0.0029	U		2.1			<0.00029	U		78			19		
		VMP-54-30-080315	8/3/2015	2.8			<0.031	U		<0.0031	U		<0.0031	U		1.8			<0.00031	U		77			18		
		VMP-54-30-102715	10/27/2015	1.6			<0.024	U		<0.0024	U		<0.0024	U		0 012	J		<0.00024	U		80			18		
		VMP-54-30-012816	1/28/2016	0 56			<0.029	U		<0.0029	U		<0.0029	U		1.2			0.00015	J		77			21		
		VMP-54-30-042916	4/29/2016	0 82			<0.026	U		<0.0026	U		<0.0026	U		2			0.00011	J		78			19		
		VMP-54-30-042916-DUP	4/29/2016	0 81			<0.027	U		<0.0027	U		<0.0027	U		2.1			0.00013	J		78			19		
		VMP-54-30-080116	8/1/2016	3.3			<0.027	U		<0.0027	U		<0.0027	U		0.6			0.00011	J		79			17		
		VMP-54-30-102816	10/28/2016	2.1			<0.033	U		<0.0033	U		<0.0033	U		0.66			<0.00033	U		79			18		
VMP-55	5 ft	VMP-55-5-110414	11/4/2014	17			<0.029	U		<0.0029	U		<0.0029	U		0 056	J		0.0013			79			3.6		
		VMP-55-5-110414-DUP	11/4/2014	18			<0.023	U		<0.0023	U		<0.0023	U		0 047	J		0.0013			79			2.9		
		VMP-55-5-020515	2/5/2015	15			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00038			82			3		
		VMP-55-5-050615	5/6/2015	17			<0.025	U		<0.0025	U		<0.0025	U		0.21			0.00028			80			2.7		
		VMP-55-5-110215	11/2/2015	17			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 013			80			2.5		
		VMP-55-5-020416	2/4/2016	14			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00029			83			3		
		VMP-55-5-082616	8/26/2016	19			<0.031	U		<0.0031	U		<0.0031	U		0 064	J		0.00028	J		78			2.6		
	20 ft	VMP-55-20-021513	2/15/2013	16			<0.14	U		0 0046			<0.0028	U		0.17			11			69			3.2		
		VMP-55-20-050113	5/1/2013	19			<0.029	U		0.012			<0.0029	U		<0.14	U		20			58			1.6		
		VMP-55-20-080713	8/7/2013	18			<0.032	U		0.036			<0.0032	U		<0.16	U		9 6			70			2.9		
		VMP-55-20-110813	11/8/2013	18			<0.026	U		0.02			<0.0026	U		<0.13	U		5.7			75			1.4		
		VMP-55-20-021814	2/18/2014	15			<0.024	U		0.023			<0.0024	U		<0.12	U		5 2			78			1.9		
		VMP-55-20-050514	5/5/2014	17			<0.025	U		0.028			<0.0025	U		<0.13	U		3 9			77			1.8		
		VMP-55-20-050514-Dup	5/5/2014	17			<0.028	U		0.028			<0.0028	U		<0.14	U		3 8			77			1.8		
		VMP-55-20-081314	8/13/2014	17			<0.026	U		0.014			<0.0026	U		<0.13	U		0 9			79			2.5		
		VMP-55-20-110414	11/4/2014	14			<0.024	U		0 0052			<0.0024	U		4.4			0.58			76			4.5		
		VMP-55-20-020515	2/5/2015	17			<0.026	U		0 0062			<0.0026	U		2.5			0.92			77			2.4		
		VMP-55-20-050615	5/6/2015	15			<0.027	U		0.033			<0.0027	U		<0.14	U		2.1			81			1.9		
		VMP-55-20-072915	7/29/2015	15			<0.027	U		0.00027	J		<0.0027	U		<0.14	U		0.17			82			3.2		
		VMP-55-20-072915-DUP	7/29/2015	15			<0.029	U		0.00028	J		<0.0029	U		<0.14	U		0.17			82			2.3		
		VMP-55-20-110215	11/2/2015	18			<0.024	U		0.00077	J		<0.0024	U		<0.12	U		2.1			78			1.7		
		VMP-55-20-020416	2/4/2016	17			<0.026	U		0.00031	J		<0.0026	U		0.02	J		0.97			80			1.8		
		VMP-55-20-020416-DUP	2/4/2016	17			<0.024	U		0.00029	J		<0.0024	U		0 024	J		0.97			80			1.8		
		VMP-55-20-050416	5/4/2016	17			<0.029	U		0.00073	J		<0.0029	U		<0.14	U		2 2			79			1.4		
		VMP-55-20-080316	8/3/2016	18			<0 03	U		0.00087	J		<0 003	U		0 035	J		2 6			78			1.4		
		VMP-55-20-110116	11/1/2016	19			<0.028	U		0 0007	J		<0.0028	U		0.0074	J		2.7			76			2.7		
	30 ft	VMP-55-30-030915	3/9/2015	11			<0.028	U		0.013			<0.0028	U		<0.14	U		2			85			2.1		
		VMP-55-30-050615	5/6/2015	10			<0.028	U		0.038			<0.0028	U		<0.14	U		2.4			86			1.6		
		VMP-55-30-050615-DUP	5/6/2015	9.9			<0.028	U		0.039			<0.0028	U		<0.14	U		2.4			86			1.7		
		VMP-55-30-061515-Dup-R	6/15/2015	12			<0.032	U		0.00092	J		<0.0032	U		<0.16	U		0.42			86			1.8		
		VMP-55-30-061515-R	6/15/2015	12			<0.026	U		0.00092	J		<0.0026	U		<0.13	U		0.42			86			1.6		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-56	10 ft	VMP-56-10-050114	5/1/2014	0.063			<0.026	U		<0.0026	U		<0.0026	U		0 018	J		0.00014	J		79			21		
		VMP-56-10-081214	8/12/2014	0.13			<0 03	U		<0.003	U		<0 003	U		0.0086	J		0.00016	J		79			21		
		VMP-56-10-110514	11/5/2014	0.18			<0.023	U		<0.0023	U		<0.0023	U		0.17			0.00059			80			20		
		VMP-56-10-021015	2/10/2015	0.062			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000099	J		79			21		
		VMP-56-10-110315	11/3/2015	0.12			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		79			21		
		VMP-56-10-020416	2/4/2016	0.093			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		0.0001	J		80			20		
		VMP-56-10-050516	5/5/2016	0 36			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-56-10-072716	7/27/2016	1.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-56-10-102416	10/24/2016	0 51			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		78			21		
	25 ft	VMP-56-25-050114	5/1/2014	0.71			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-56-25-081214	8/12/2014	1.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			19		
		VMP-56-25-110514	11/5/2014	0 87			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-56-25-021015	2/10/2015	0.12			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000056	J		79			21		
		VMP-56-25-050715	5/7/2015	0 38			<0.028	U		<0.0028	U		<0.0028	U		0 067	J		<0.00028	U		80			20		
		VMP-56-25-073115	7/31/2015	0 53			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-56-25-110315	11/3/2015	0.16			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-56-25-020416	2/4/2016	0.12			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00067			80			20		
		VMP-56-25-050516	5/5/2016	0.46			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			20		
		VMP-56-25-050516-DUP	5/5/2016	0.44			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			20		
		VMP-56-25-072716	7/27/2016	1.1			<0.033	U		<0.0033	U		<0.0033	U		0 019	J		<0.00033	U		80			19		
		VMP-56-25-102416	10/24/2016	0.8			<0.026	U		<0.0026	U		<0.0026	U		0 008	J		<0.00026	U		79			20		
VMP-56	38.5 ft	VMP-56-38 5-050114	5/1/2014	6.7			<0.024	U		0 0041			<0.0024	U		0.0065	J		19			58			1.3		
		VMP-56-38 5-081214	8/12/2014	10			<0.027	U		0.021			0.00072	J		<0.13	U		2 8			74			2.8		
		VMP-56-38 5-081214-Dup	8/12/2014	10			<0.026	U		0.021			0.00073	J		<0.13	U		2 8			74			2.5		
		VMP-56-38 5-110514	11/5/2014	1.9			<0.024	U		0 0013	J		<0.0024	U		<0.12	U		0.18			74			18		
		VMP-56-38 5-110514-DUP	11/5/2014	1.8			<0.029	U		0 0012	J		<0.0029	U		<0.14	U		0.17			74			18		
		VMP-56-38 5-021015	2/10/2015	2.3			<0.027	U		0 0012	J		0.00013	J		<0.13	U		0 5			78			16		
		VMP-56-38 5-050715	5/7/2015	10			<0.024	U		0 0017	J		<0.0024	U		0 011	J		8 3			73			1.9		
		VMP-56-38 5-061515-R	6/15/2015	12			<0 03	U		0 0011	J		<0 003	U		<0.15	U		5.7			76			3.1		
		VMP-56-38 5-073115	7/31/2015	9.4			<0.026	U		0 0022	J		0.00033	J		<0.13	U		3 9			80			5		
		VMP-56-38 5-073115-DUP	7/31/2015	9.3			<0.031	U		0 0023	J		0.00032	J		<0.15	U		3 9			80			5.2		
		VMP-56-38 5-110315	11/3/2015	1.6			<0 03	U		0 0008	J		<0 003	U		<0.15	U		0 034			75			19		
		VMP-56-38 5-110315-DUP	11/3/2015	1.6			<0.026	U		0.00078	J		<0.0026	U		<0.13	U		0 034			75			18		
		VMP-56-38 5-020416	2/4/2016	5.6			<0.027	U		0 0077			0.00052	J		<0.14	U		0.41			78			10		
VMP-62	5 ft	VMP-62-5-122313	12/23/2013	2.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-62-5-021014	2/10/2014	1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			21		
		VMP-62-5-042514	4/25/2014	1.6			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			19		
		VMP-62-5-073014	7/30/2014	2.8			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0 000088	J		79			18		
		VMP-62-5-111014-R	11/10/2014	1.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
		VMP-62-5-020315	2/3/2015	0 65			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000034	J		79			20		
		VMP-62-5-042815	4/28/2015	1.7			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			18		
		VMP-62-5-072415	7/24/2015	5.4			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			16		
		VMP-62-5-102015	10/20/2015	1.1			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		84			15		
		VMP-62-5-012816	1/28/2016	0.8			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			21		
		VMP-62-5-042516	4/25/2016	1.9			<0.024	U		<0.0024	U		<0.0024	U		0.0088	J		<0.00024	U		79			19		
		VMP-62-5-072616	7/26/2016	4.9			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		82			13		
		VMP-62-5-102416	10/24/2016	2.4			<0.026	U		<0.0026	U		<0.0026	U		0.11	J		<0.00026	U		80			18		
	10 ft	VMP-62-10-122313	12/23/2013	3.2			<0.026	U		<0.0026	U		<0.0026	U		0.0099	J		<0.00026	U		78			19		
		VMP-62-10-021014	2/10/2014	1.4			<0.022	U		<0.0022	U		<0.0022	U		0.0054	J		<0.00022	U		78			21		
		VMP-62-10-042514	4/25/2014	1.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-62-10-073014	7/30/2014	4.2			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0 000098	J		79			17		
		VMP-62-10-102814	10/28/2014	2.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			18		
		VMP-62-10-020315	2/3/2015	0 96			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000034	J		79			20		
		VMP-62-10-042815	4/28/2015	1.4			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		80			19		
		VMP-62-10-072415	7/24/2015	4.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			16		
		VMP-62-10-102015	10/20/2015	2.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			19		
		VMP-62-10-012816	1/28/2016	1.2			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		78			21		
		VMP-62-10-042516	4/25/2016	1.4			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		80			19		
		VMP-62-10-072616	7/26/2016	3.7			<0.032	U		<0.0032	U		<0.0032	U		<0.16	U		<0.00032	U		80			16		
		VMP-62-10-102416	10/24/2016	2.5			<0.022	U		<0.0022	U		<0.0022	U		<0.11	U		<0.00022	U		78			19		

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CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-62	20 ft	VMP-62-20-122313	12/23/2013	3			<0.025	U		<0.0025	U		<0.0025	U		0.04	J		<0.00025	U		78			19		
		VMP-62-20-122313-Dup	12/23/2013	3.1			<0.026	U		<0.0026	U		<0.0026	U		1.4			<0.00026	U		77			19		
		VMP-62-20-021014	2/10/2014	1.5			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			20		
		VMP-62-20-042514	4/25/2014	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-62-20-073014	7/30/2014	3.4			<0 05	U		<0.005	U		<0 005	U		<0.25	U		0.00014	J		79			18		
		VMP-62-20-102814	10/28/2014	2.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-62-20-020315	2/3/2015	0.8			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0 000031	J		79			20		
		VMP-62-20-042815	4/28/2015	1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			20		
		VMP-62-20-072415	7/24/2015	3.3			<0.026	U		<0.0026	U		<0.0026	U		0 025	J		<0.00026	U		80			17		
		VMP-62-20-102015	10/20/2015	1.9			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			20		
		VMP-62-20-012816	1/28/2016	0 94			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		78			21		
		VMP-62-20-042516	4/25/2016	1			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		<0.00025	U		80			19		
		VMP-62-20-072616	7/26/2016	2			<0.026	U		<0.0026	U		<0.0026	U		0.0054	J		<0.00026	U		80			18		
		VMP-62-20-102416	10/24/2016	1.4			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		0.00011	J		79			20		
VMP-62	30 ft	VMP-62-30-122313	12/23/2013	3.7			<0.025	U		<0.0025	U		<0.0025	U		0 014	J		<0.00025	U		78			18		
		VMP-62-30-122313-Dup	12/23/2013	3.6			<0.025	U		<0.0025	U		<0.0025	U		0 017	J		<0.00025	U		78			18		
		VMP-62-30-021014	2/10/2014	2.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			20		
		VMP-62-30-042514	4/25/2014	1.5			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		<0.00027	U		78			20		
		VMP-62-30-073014	7/30/2014	2.4			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0 000033	J		80			18		
		VMP-62-30-073014-Dup	7/30/2014	2.2			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000047	J		80			18		
		VMP-62-30-102814	10/28/2014	1.8			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			19		
		VMP-62-30-020315	2/3/2015	1.4			<0.026	U		<0.0026	U		<0.0026	U		0 017	J		<0.00026	U		81			18		
		VMP-62-30-042815	4/28/2015	0 62			<0.028	U		<0.0028	U		<0.0028	U		0.1	J		<0.00028	U		80			19		
		VMP-62-30-072415	7/24/2015	2.2			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			18		
		VMP-62-30-102015	10/20/2015	1.3			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-62-30-012816	1/28/2016	0.72			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		78			21		
		VMP-62-30-012816-DUP	1/28/2016	0.73			<0.025	U		<0.0025	U		<0.0025	U		0 018	J		<0.00025	U		78			21		
		VMP-62-30-042516	4/25/2016	0 58			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-62-30-072616	7/26/2016	1.7			<0.029	U		<0.0029	U		<0.0029	U		0.01	J		<0.00029	U		80			18		
		VMP-62-30-072616-DUP	7/26/2016	1.7			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		80			18		
		VMP-62-30-102416	10/24/2016	1.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-62-30-102416-Dup	10/24/2016	1.4			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			20		
VMP-63	5 ft	VMP-63-5-121113	12/11/2013	0.16			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-63-5-022814	2/28/2014	0.092			<0.025	U		<0.0025	U		<0.0025	U		0 021	J		0.00018	J		79			21		
		VMP-63-5-042514	4/25/2014	0 35			<0.049	U		<0.0049	U		<0.0049	U		0 024	J		<0.00049	U		77			23		
		VMP-63-5-073014	7/30/2014	0 54			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.0001	J		79			20		
		VMP-63-5-102814	10/28/2014	0.18			<0.026	U		<0.0026	U		<0.0026	U		0.78			<0.00026	U		79			20		
		VMP-63-5-020315	2/3/2015	0.081			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00015	J		79			21		
		VMP-63-5-042815	4/28/2015	0 27			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			21		
		VMP-63-5-072415	7/24/2015	0 51			<0.028	U		<0.0028	U		<0.0028	U		0 016	J		<0.00028	U		79			20		
		VMP-63-5-102615	10/26/2015	0.14			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-63-5-012816	1/28/2016	0.056			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00012	J		78			22		
		VMP-63-5-042616	4/26/2016	0 28			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		80			20		
		VMP-63-5-072516	7/25/2016	0.43			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		80			19		
		VMP-63-5-102416	10/24/2016	0.14			<0.026	U		<0.0026	U		<0.0026	U		0 029	J		0.00014	J		79			21		
	10 ft	VMP-63-10-121113	12/11/2013	0 23			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-63-10-020714	2/7/2014	0.15			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			22		
		VMP-63-10-042514	4/25/2014	0.41			<0.025	U		<0.0025	U		<0.0025	U		0 012	J		<0.00025	U		78			21		
		VMP-63-10-073014	7/30/2014	0 62			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000044	J		79			20		
		VMP-63-10-102814	10/28/2014	0 24			<0.026	U		<0.0026	U		<0.0026	U		0.69			<0.00026	U		79			20		
		VMP-63-10-020315	2/3/2015	0.096			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00011	J		79			21		
		VMP-63-10-042815	4/28/2015	0 36			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-63-10-072415	7/24/2015	0.79			<0.027	U		<0.0027	U		<0.0027	U		0 027	J		<0.00027	U		79			20		
		VMP-63-10-102615	10/26/2015	0.19			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		79			21		
		VMP-63-10-012816	1/28/2016	0.1			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		0.00011	J		78			22		
		VMP-63-10-042616	4/26/2016	0 34			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			20		
		VMP-63-10-072516	7/25/2016	0.7			<0.028	U		<0.0028	U		<0.0028	U		<0.14	J	U	<0.00028	U		80			19		
		VMP-63-10-102416	10/24/2016	0 24			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-63	20 ft	VMP-63-20-121213	12/12/2013	2.1			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		79			19		
		VMP-63-20-020714	2/7/2014	0 58			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			21		
		VMP-63-20-042514	4/25/2014	0 39			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-63-20-073014	7/30/2014	1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-63-20-102814	10/28/2014	0.41			<0.026	U		<0.0026	U		<0.0026	U		3			<0.00026	U		76			20		
		VMP-63-20-102814-DUP	10/28/2014	0.42			<0.028	U		<0.0028	U		<0.0028	U		3			<0.00028	U		76			20		
		VMP-63-20-020315	2/3/2015	0.15			<0.026	U		<0.0026	U		<0.0026	U		0.21			0 000042	J		79			21		
		VMP-63-20-020315-DUP	2/3/2015	0.16			<0.024	U		<0.0024	U		<0.0024	U		0.21			0 000039	J		79			21		
		VMP-63-20-042815	4/28/2015	0 04			<0.026	U		<0.0026	U		<0.0026	U		0.02	J		0.00017	J		78			22		
		VMP-63-20-072415	7/24/2015	0 64			<0.026	U		<0.0026	U		<0.0026	U		0 023	J		<0.00026	U		79			20		
		VMP-63-20-102615	10/26/2015	0 34			<0.025	U		<0.0025	U		<0.0025	U		0 018	J		<0.00025	U		79			21		
		VMP-63-20-012816	1/28/2016	0.16			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		78			22		
		VMP-63-20-042616	4/26/2016	0 23			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			20		
		VMP-63-20-042616-DUP	4/26/2016	0 23			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			20		
		VMP-63-20-072516	7/25/2016	0.76			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-63-20-102416	10/24/2016	0 37			<0.031	U		<0.0031	U		<0.0031	U		<0.15	U		<0.00031	U		80			20		
VMP-63	30 ft	VMP-63-30-121113	12/11/2013	3.9			<0.024	U		<0.0024	U		<0.0024	U		0.5			<0.00024	U		80			16		
		VMP-63-30-020714	2/7/2014	2.4			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		78			20		
		VMP-63-30-042514	4/25/2014	1			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
		VMP-63-30-042514-DUP	4/25/2014	1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-63-30-073014	7/30/2014	1.3			<0.029	U		<0.0029	U		<0.0029	U		0 034	J		0 000022	J		80			19		
		VMP-63-30-102814	10/28/2014	0 82			<0.028	U		<0.0028	U		<0.0028	U		0.9			<0.00028	U		78			20		
		VMP-63-30-020315	2/3/2015	0 34			<0.025	U		<0.0025	U		<0.0025	U		0.47			0 000053	J		79			20		
		VMP-63-30-042815	4/28/2015	0 29			<0.028	U		<0.0028	U		<0.0028	U		0.62			<0.00028	U		79			20		
		VMP-63-30-072415	7/24/2015	1.1			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		80			19		
		VMP-63-30-102615	10/26/2015	0 58			<0.022	U		<0.0022	U		<0.0022	U		0 048	J		<0.00022	U		78			21		
		VMP-63-30-102615-DUP	10/26/2015	0 58			<0.026	U		<0.0026	U		<0.0026	U		0 056	J		<0.00026	U		78			21		
		VMP-63-30-012816	1/28/2016	0 37			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			21		
		VMP-63-30-042616	4/26/2016	0 36			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		80			20		
		VMP-63-30-072516	7/25/2016	0 92			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		79			20		
		VMP-63-30-072516-DUP	7/25/2016	0.9			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			19		
		VMP-63-30-102416	10/24/2016	0 67			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		79			20		
VMP-64	5 ft	VMP-64-5-122313	12/23/2013	0.15			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00029			79			21		
		VMP-64-5-022814	2/28/2014	0.074			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00023	J		78			22		
		VMP-64-5-042514	4/25/2014	0 22			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00019	J		79			21		
		VMP-64-5-073114	7/31/2014	0 68			<0.034	U		<0.0034	U		<0.0034	U		0 012	J		0.00013	J		79			20		
		VMP-64-5-102814	10/28/2014	0 38			<0.025	U		<0.0025	U		<0.0025	U		0.76			0.00013	J		79			20		
		VMP-64-5-020315	2/3/2015	0.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		0.00023	J		79			21		
		VMP-64-5-042815	4/28/2015	0 27			<0.027	U		<0.0027	U		<0.0027	U		0 029	J		<0.00027	U		79			21		
		VMP-64-5-072415	7/24/2015	0.76			<0.028	U		<0.0028	U		<0.0028	U		0.11	J		0.0002	J		79			20		
		VMP-64-5-102615	10/26/2015	0.4			<0.024	U		<0.0024	U		<0.0024	U		0 014	J		<0.00024	U		79			21		
		VMP-64-5-012816	1/28/2016	0.076			<0.028	U		<0.0028	U		<0.0028	U		0.52			0.00022	J		78			21		
		VMP-64-5-042616	4/26/2016	0.16			<0.032	U		<0.0032	U		<0.0032	U		0 028	J		0.00015	J		80			20		
		VMP-64-5-080216	8/2/2016	0.46			<0.027	U		<0.0027	U		<0.0027	U		<0.14	U		0.00065			80			20		
		VMP-64-5-080216-DUP	8/2/2016	0.47			<0 03	U		<0.003	U		<0 003	U		<0.15	U		0.00028	J		80			20		
		VMP-64-5-102416	10/24/2016	0.19			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0.00013	J		79			21		
	10 ft	VMP-64-10-122313	12/23/2013	0 84			<0.025	U		<0.0025	U		<0.0025	U		0 008	J		0.00016	J		78			21		
		VMP-64-10-021014	2/10/2014	1			<0.024	U		<0.0024	U		<0.0024	U		0.13			0.00012	J		78			21		
		VMP-64-10-042514	4/25/2014	1.2			<0.025	U		<0.0025	U		<0.0025	U		0.0091	J		<0.00025	U		79			20		
		VMP-64-10-073114	7/31/2014	3.7			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		<0.00029	U		79			17		
		VMP-64-10-102814	10/28/2014	2.4			<0 03	U		<0.003	U		<0 003	U		2.5			<0 0003	U		77			18		
		VMP-64-10-020315	2/3/2015	1.1			<0.029	U		<0.0029	U		<0.0029	U		<0.14	U		0 000095	J		80			19		
		VMP-64-10-042815	4/28/2015	0 92			<0.029	U		<0.0029	U		<0.0029	U		<0.15	U		<0.00029	U		79			20		
		VMP-64-10-072415	7/24/2015	2.4			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		80			18		
		VMP-64-10-102615	10/26/2015	2.2			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		78			20		
		VMP-64-10-012816	1/28/2016	0 96			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			20		
		VMP-64-10-042616	4/26/2016	0 97			<0.027	U		<0.0027	U		<0.0027	U		0.14			<0.00027	U		80			19		
		VMP-64-10-072216	7/22/2016	3.1			<0.022	U		<0.0022	U		<0.0022	U		0.19			0 000073	J		81			16		
		VMP-64-10-102416	10/24/2016	3.3			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		0 000089	J		79			18		

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APPENDIX 3-F
CUMULATIVE SUMMARY OF SOIL GAS ANALYTICAL RESULTS - NATURAL GASES

Location	Depth	Sample ID	Sample Date	Carbon Dioxide			Carbon Monoxide			Ethane			Ethene			Helium			Methane			Nitrogen			Oxygen		
				Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals	Result (mg/m3)	Lab Quals	AECOM Quals
VMP-64	20 ft	VMP-64-20-122313	12/23/2013	2.8			<0.026	U		<0.0026	U		<0.0026	U		0 012	J		<0.00026	U		77			20		
		VMP-64-20-122313-Dup	12/23/2013	3			<0.025	U		<0.0025	U		<0.0025	U		0 063	J		<0.00025	U		77			20		
		VMP-64-20-021014	2/10/2014	2.3			<0.025	U		<0.0025	U		<0.0025	U		<0.12	U		<0.00025	U		78			20		
		VMP-64-20-042514	4/28/2014	1.9			<0.024	U		<0.0024	U		<0.0024	U		<0.12	U		<0.00024	U		78			20		
		VMP-64-20-073114	7/31/2014	2.9			<0.025	U		<0.0025	U		<0.0025	U		<0.13	U		0.00011	J		79			18		
		VMP-64-20-102814	10/28/2014	3.3			<0.026	U		<0.0026	U		<0.0026	U		1.9			<0.00026	U		78			17		
		VMP-64-20-020315	2/3/2015	2.2			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		0 000054	J		79			19		
		VMP-64-20-042815	4/28/2015	2.2			<0 03	U		<0.003	U		<0 003	U		<0.15	U		<0 0003	U		80			18		
		VMP-64-20-072415	7/24/2015	3.3			<0.028	U		<0.0028	U		<0.0028	U		<0.14	U		<0.00028	U		80			17		
		VMP-64-20-102615	10/26/2015	3.5			<0.028	U		<0.0028	U		<0.0028	U		0 022	J		<0.00028	U		78			18		
		VMP-64-20-012816	1/28/2016	2.8			<0.027	U		<0.0027	U		<0.0027	U		<0.13	U		<0.00027	U		79			18		
		VMP-64-20-042616	4/26/2016	1.4			<0.028	U		<0.0028	U		<0.0028	U		0 053	J		<0.00028	U		80			19		
		VMP-64-20-042616-DUP	4/26/2016	1.4			<0.027	U		<0.0027	U		<0.0027	U		0 038	J		<0.00027	U		80			19		
		VMP-64-20-072216	7/22/2016	2.6			<0.026	U		<0.0026	U		<0.0026	U		0.0087	J		<0.00026	U		80			17		
		VMP-64-20-072216-DUP	7/22/2016	2.5			<0.028	U		<0.0028	U		<0.0028	U		0.01	J		<0.00028	U		80			18		
		VMP-64-20-102416	10/24/2016	4.1			<0.023	U		<0.0023	U		<0.0023	U		<0.12	U		<0.00023	U		79			17		
		VMP-64-20-102416-Dup	10/24/2016	4.1			<0.026	U		<0.0026	U		<0.0026	U		<0.13	U		<0.00026	U		79			17		

Notes

Lab Qualifiers

J = Estimated value; results between the MDL and RL

U = Compound analyzed for but not detected above the RL

AECOM Qualifiers

J = Estimated detection

UJ = Estimated non-detect

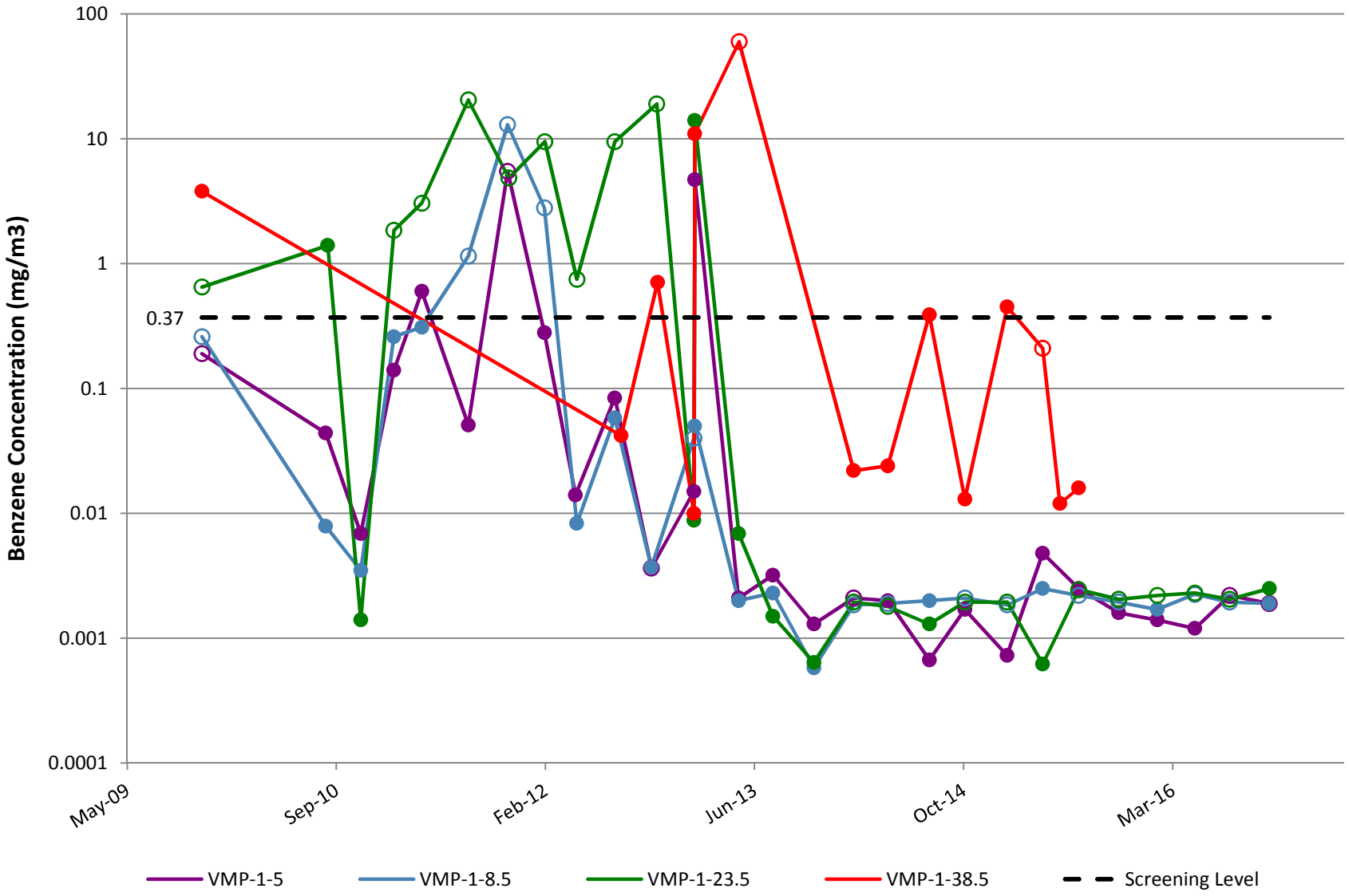
U = Non-detect due to blank contamination

ND, UJ = Non-detected compound associated with low bias in the continuing calibration verification

Appendix 4-A. Benzene and Methane Plots for VMPs

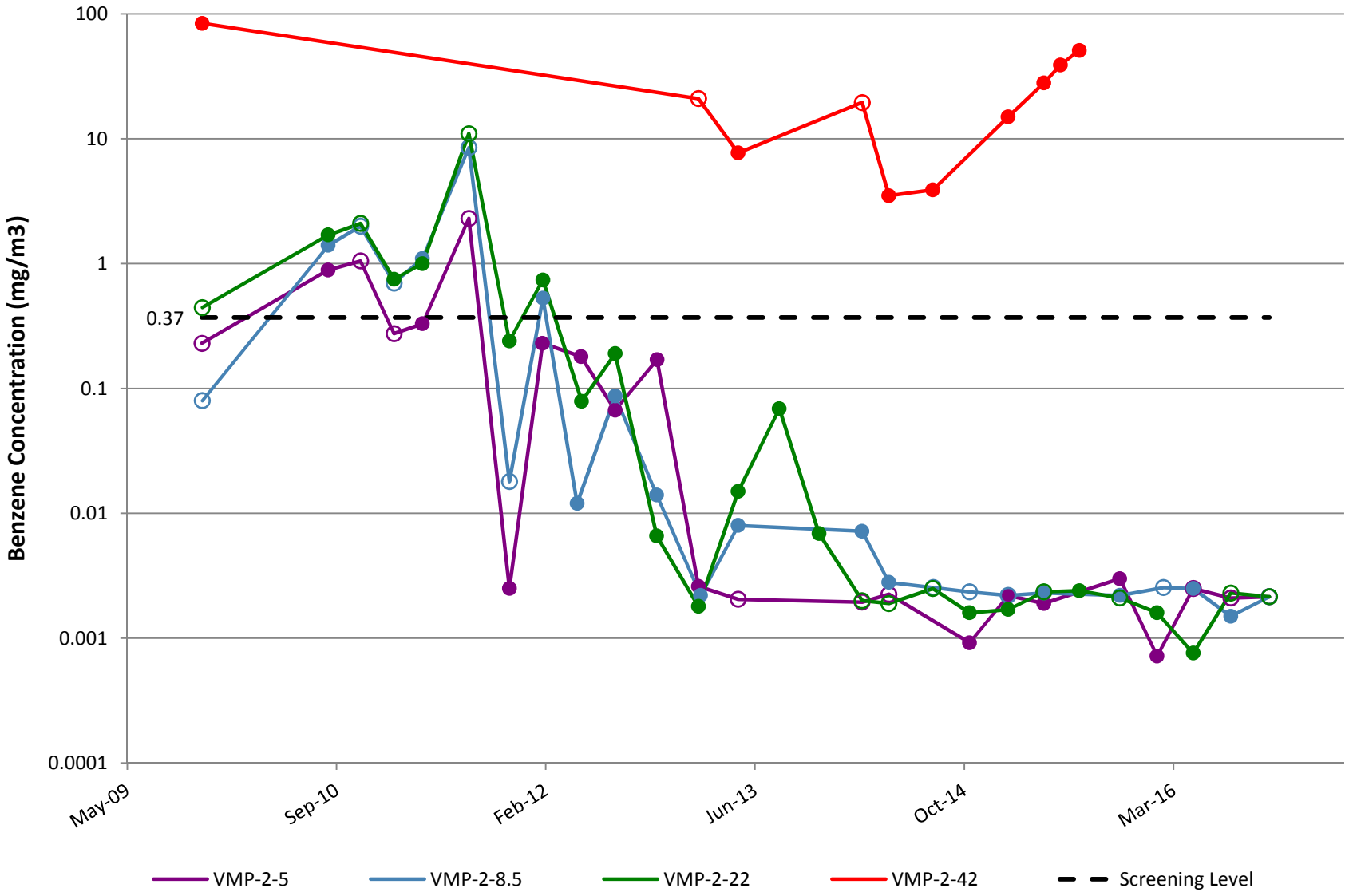
VMP-1

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



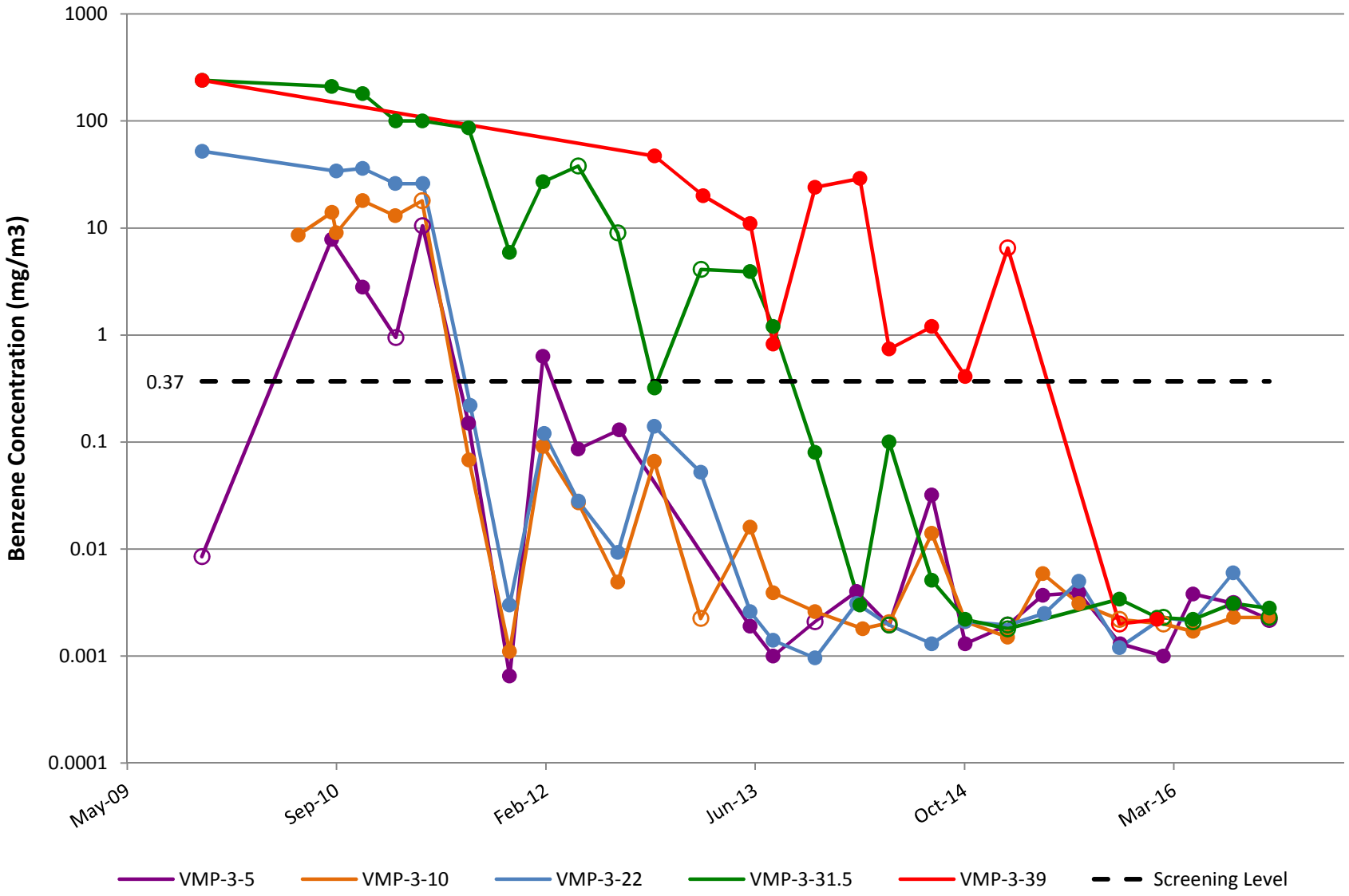
VMP-2

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



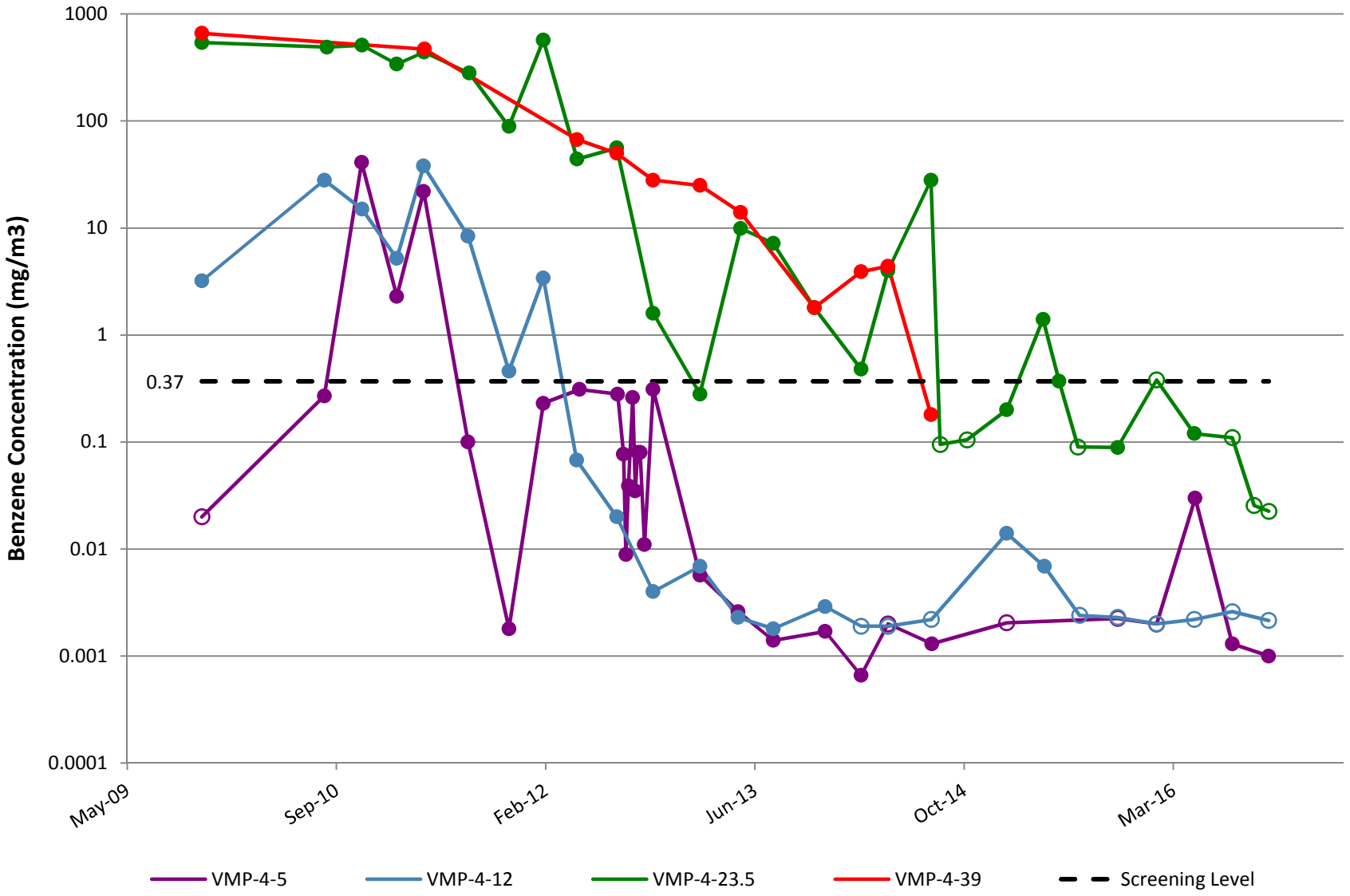
VMP-3

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



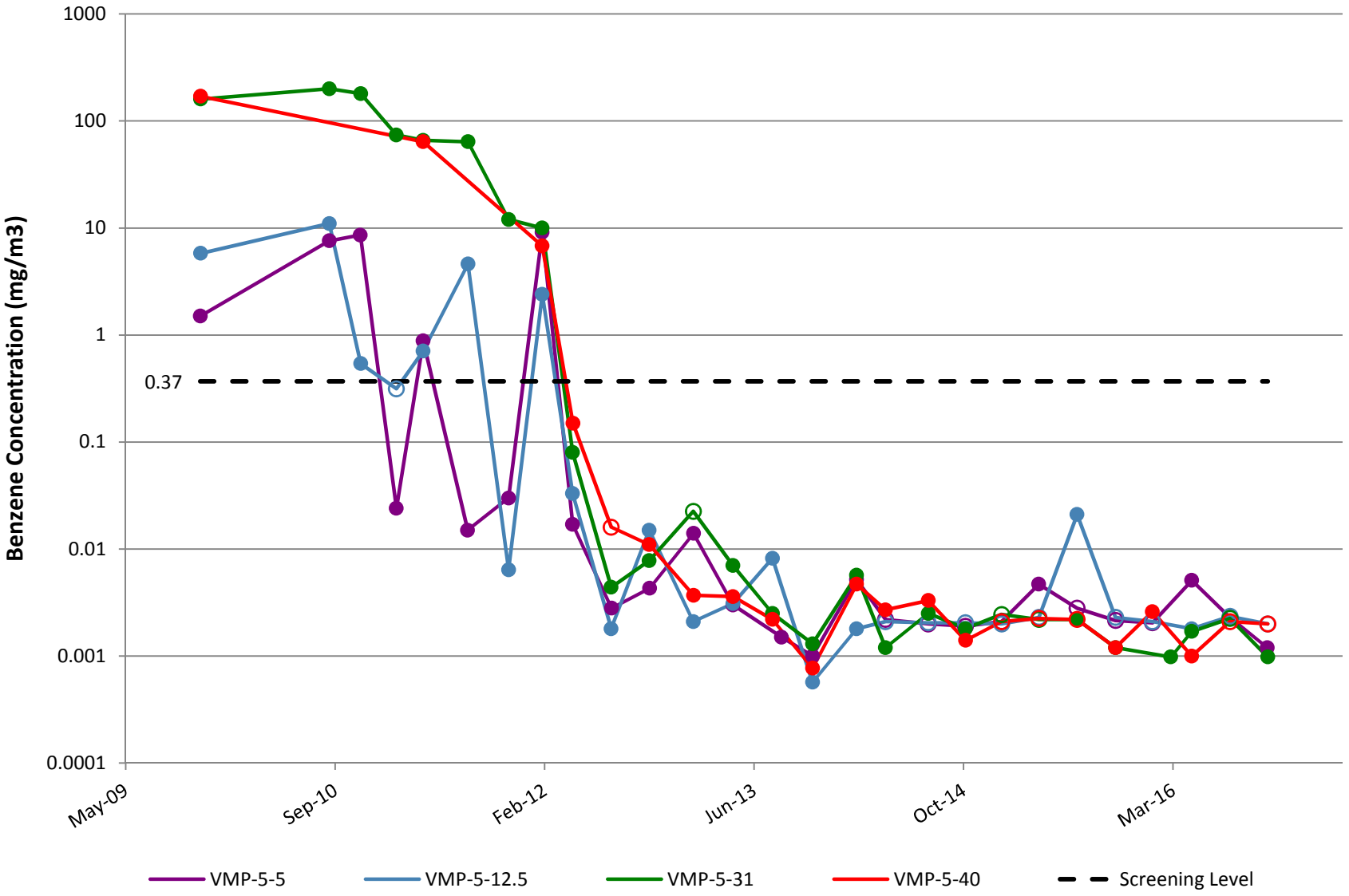
VMP-4

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



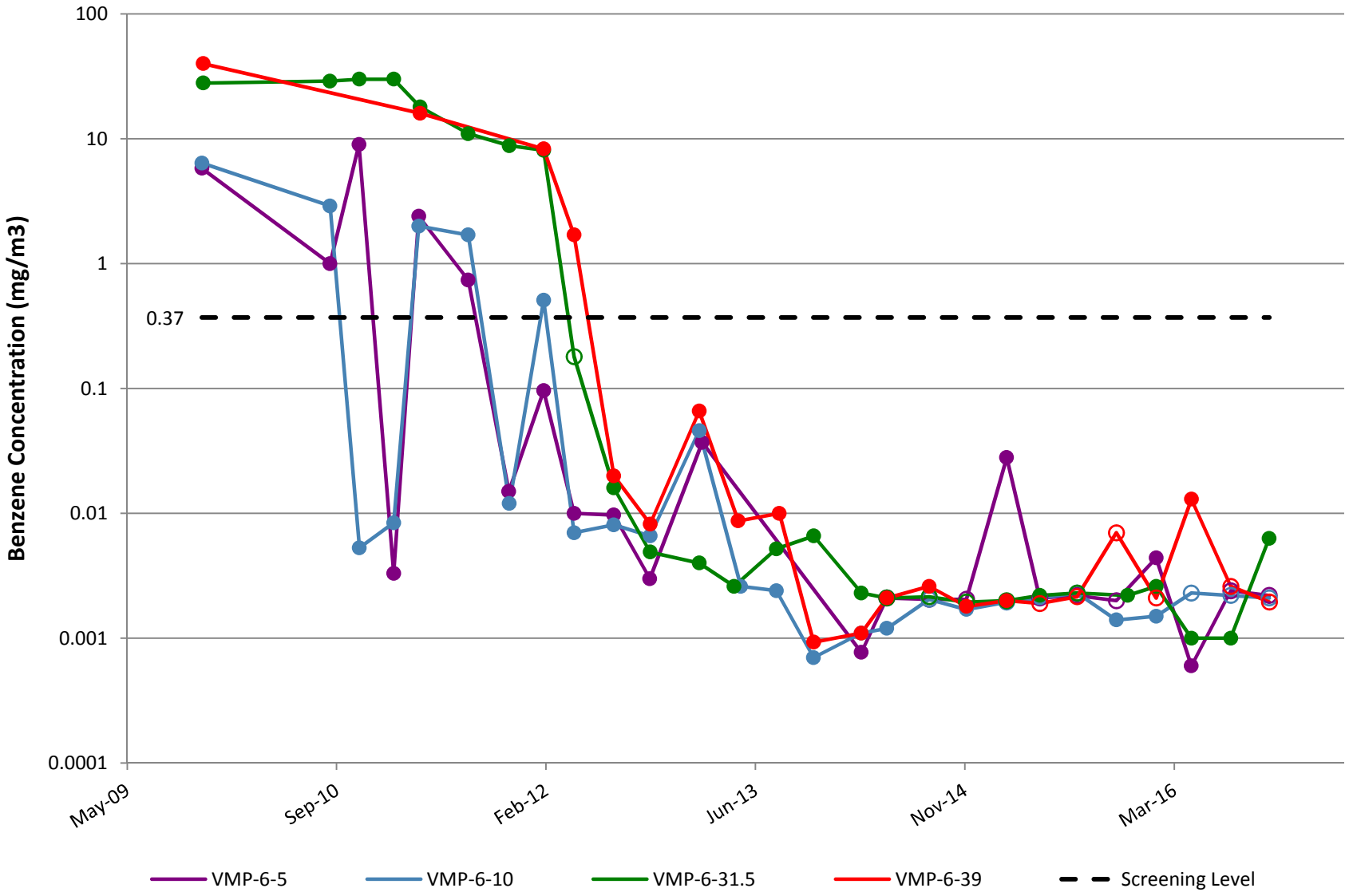
VMP-5

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



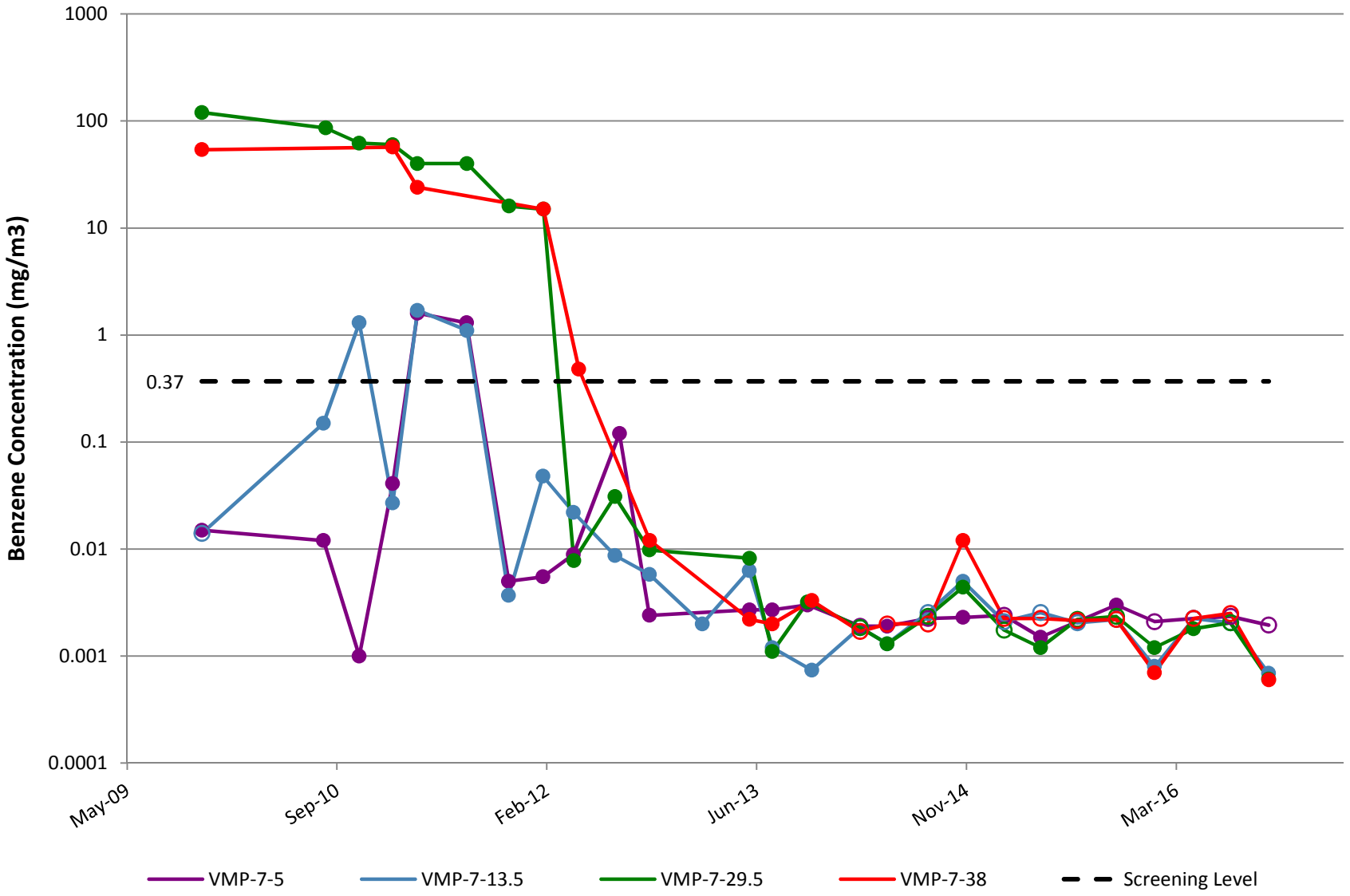
VMP-6

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



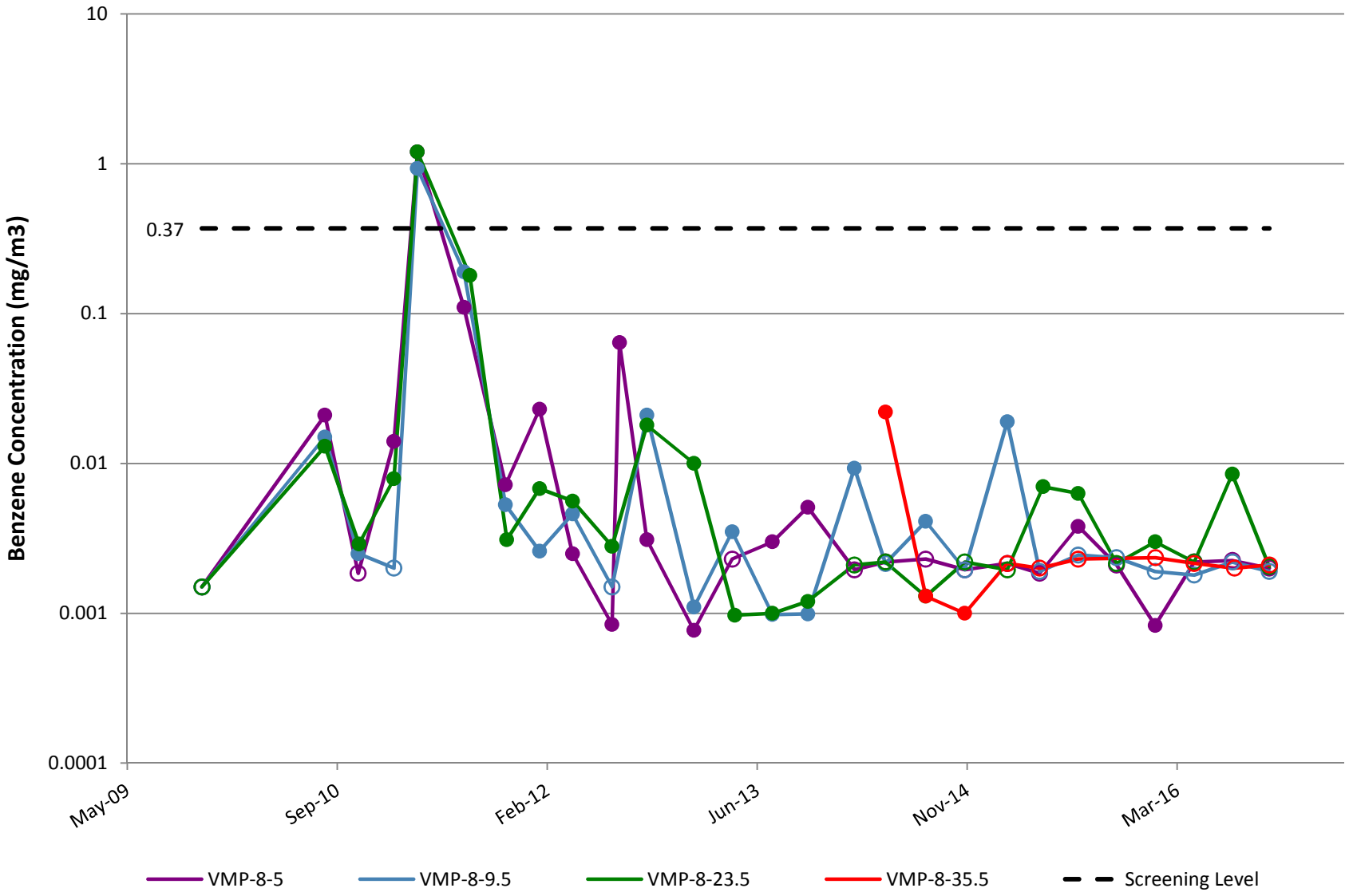
VMP-7

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



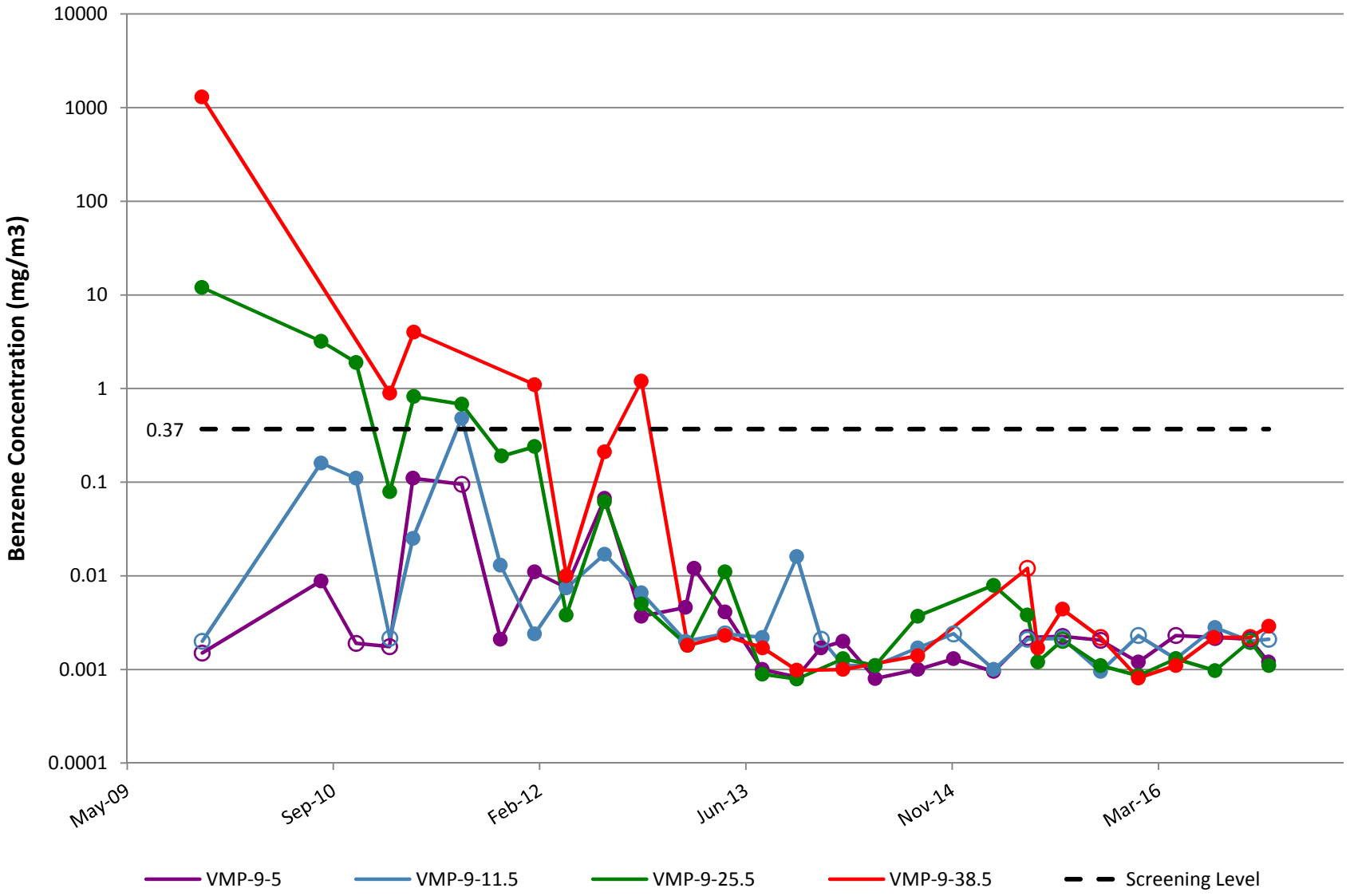
VMP-8

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



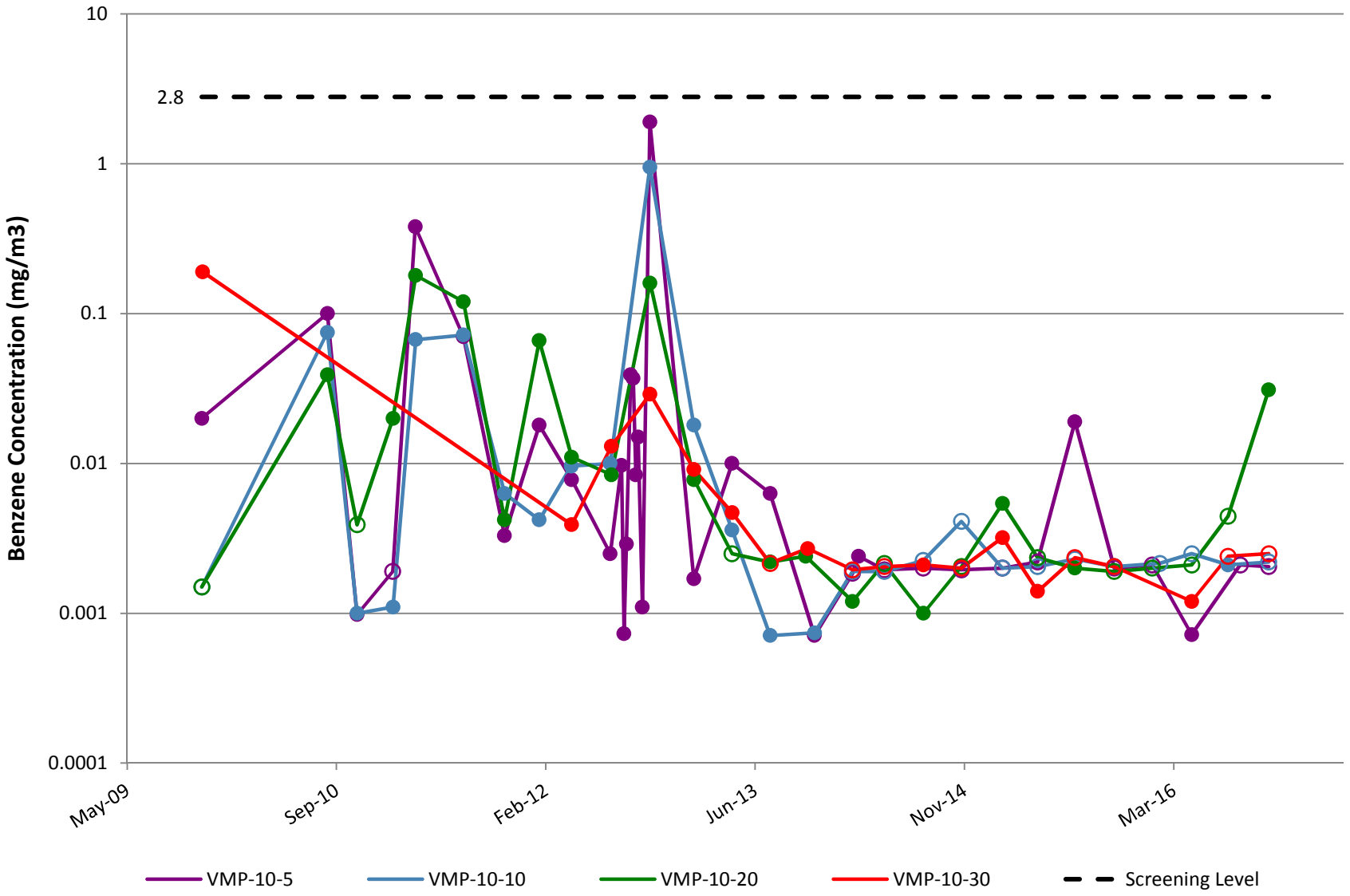
VMP-9

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



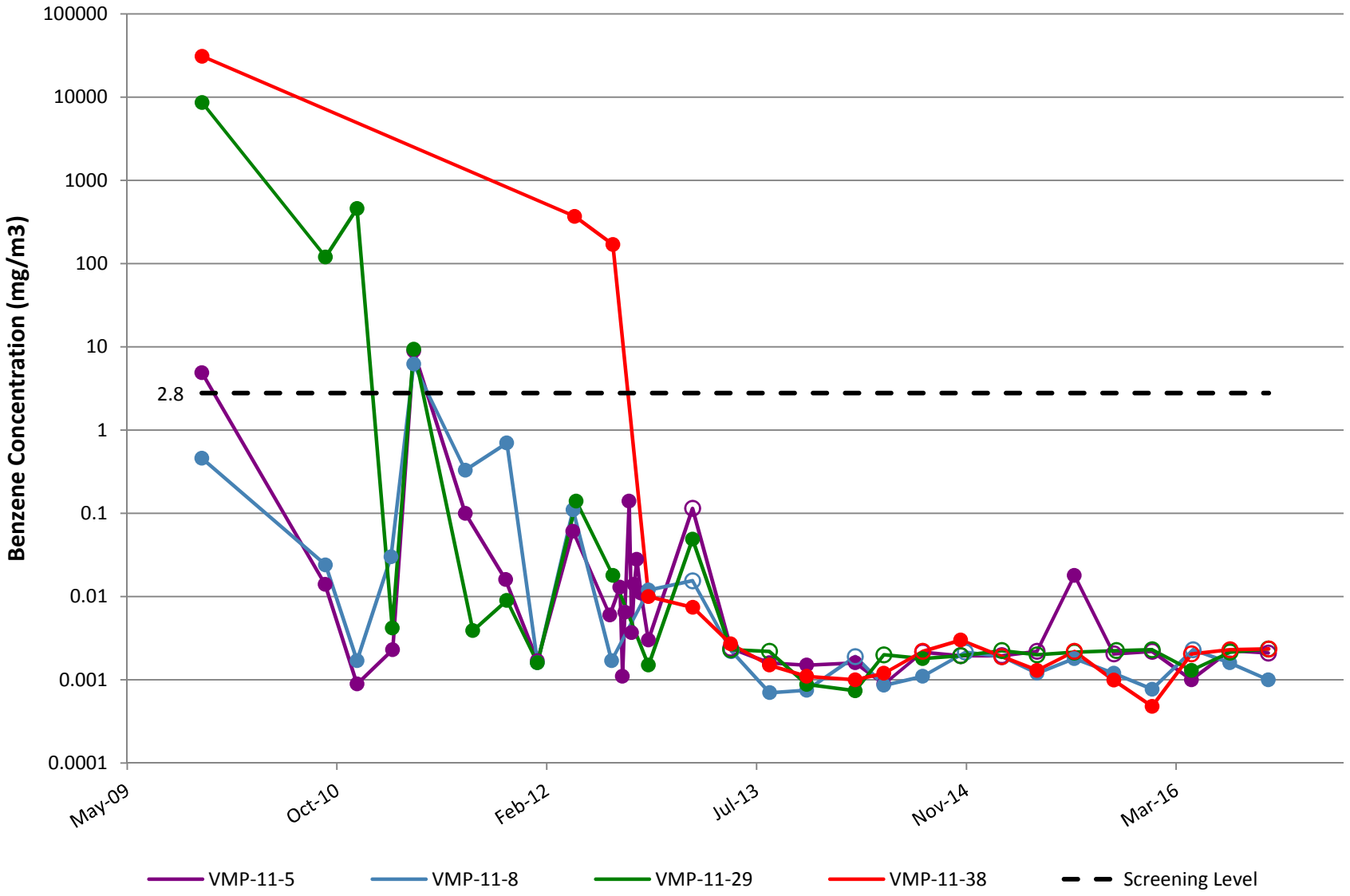
VMP-10

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



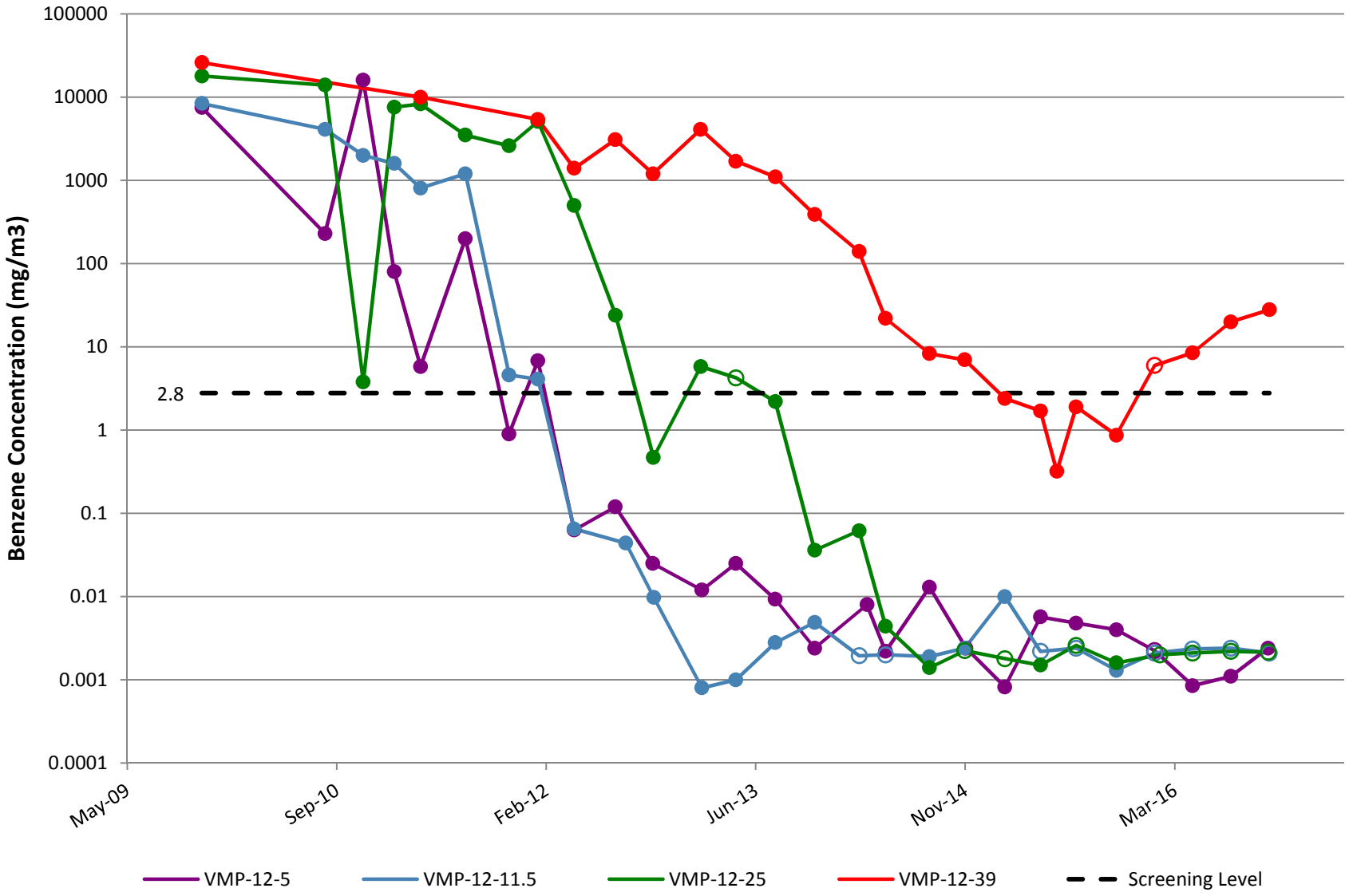
VMP-11

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



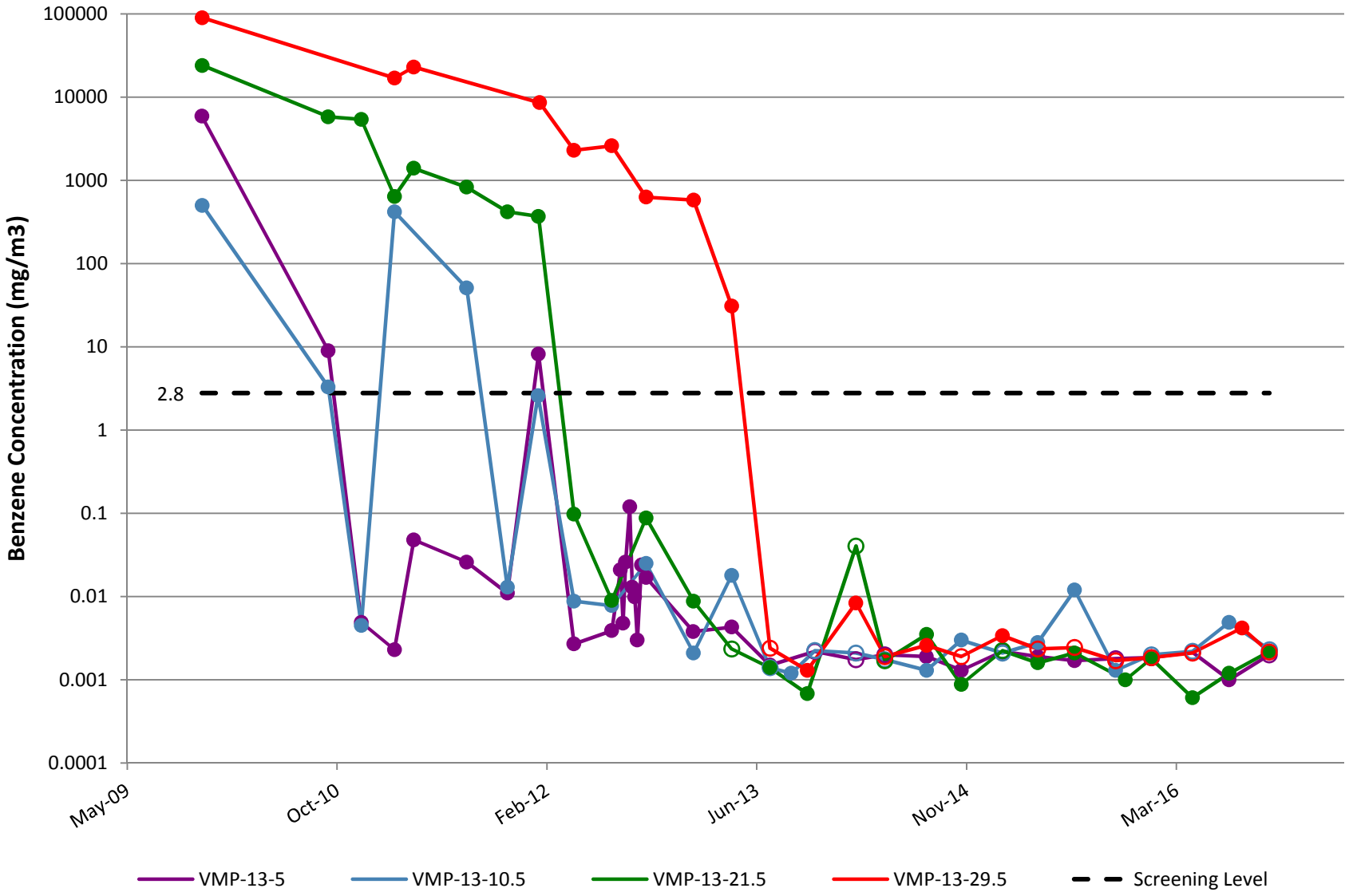
VMP-12

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



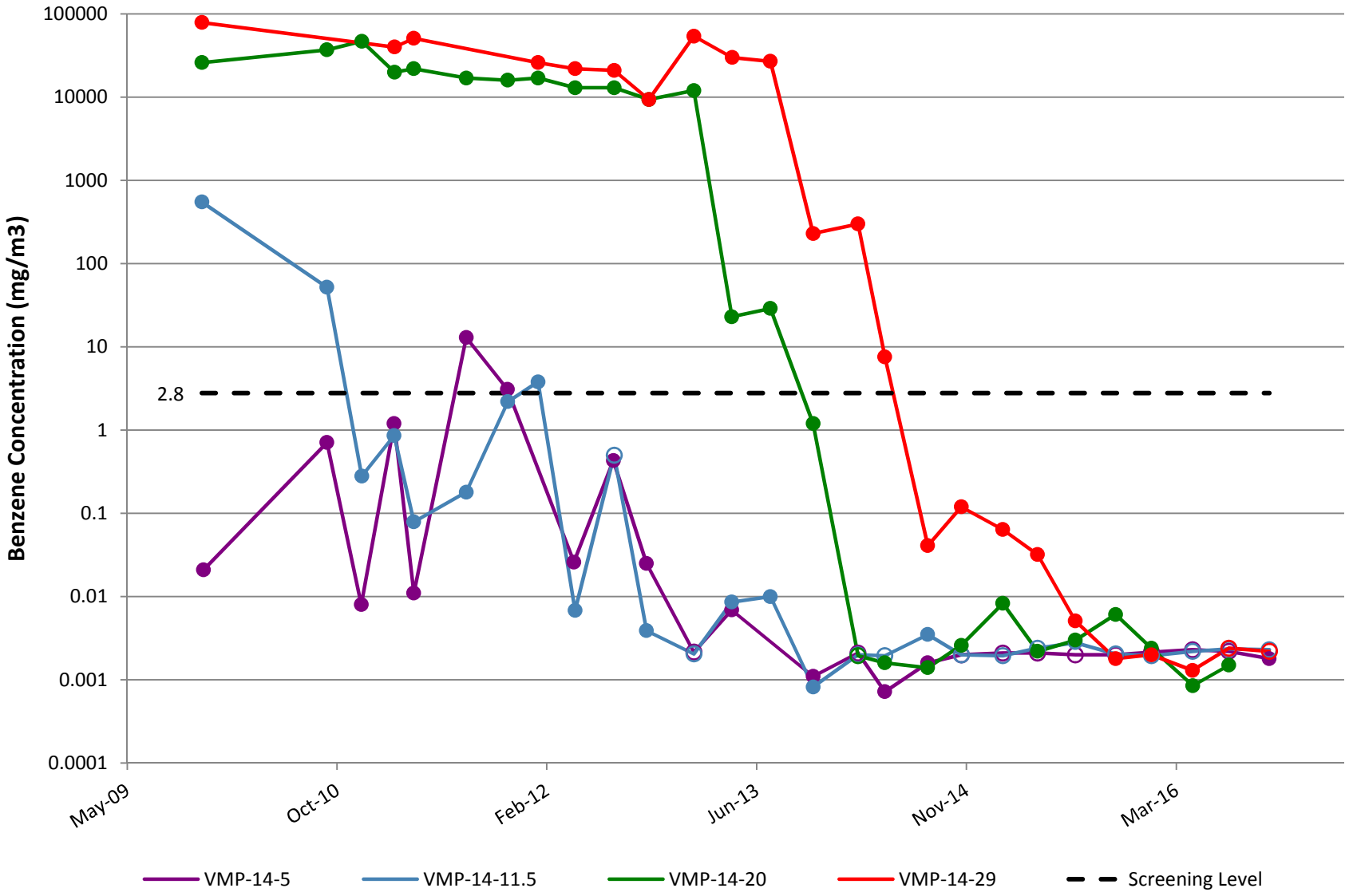
VMP-13

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



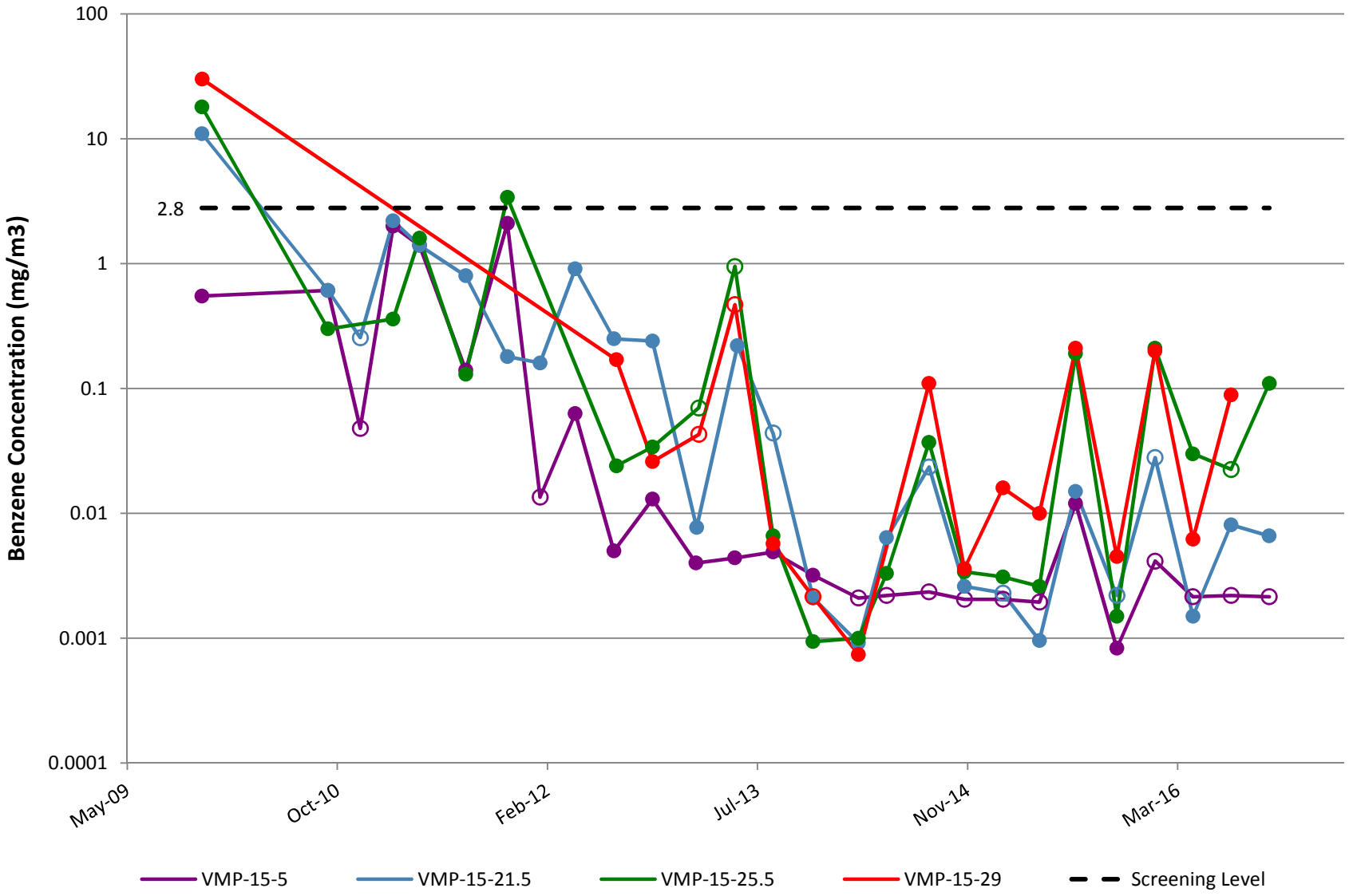
VMP-14

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



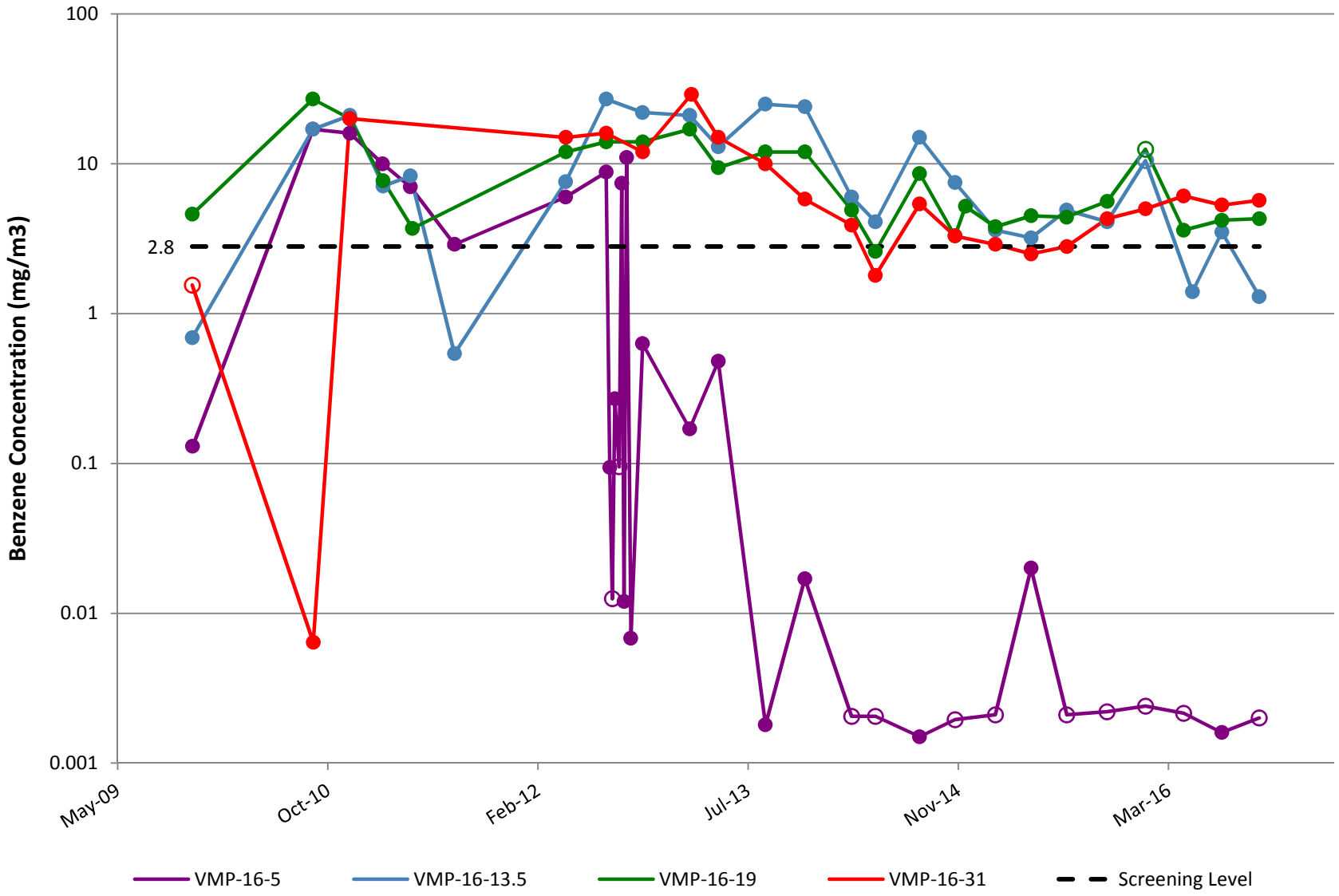
VMP-15

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



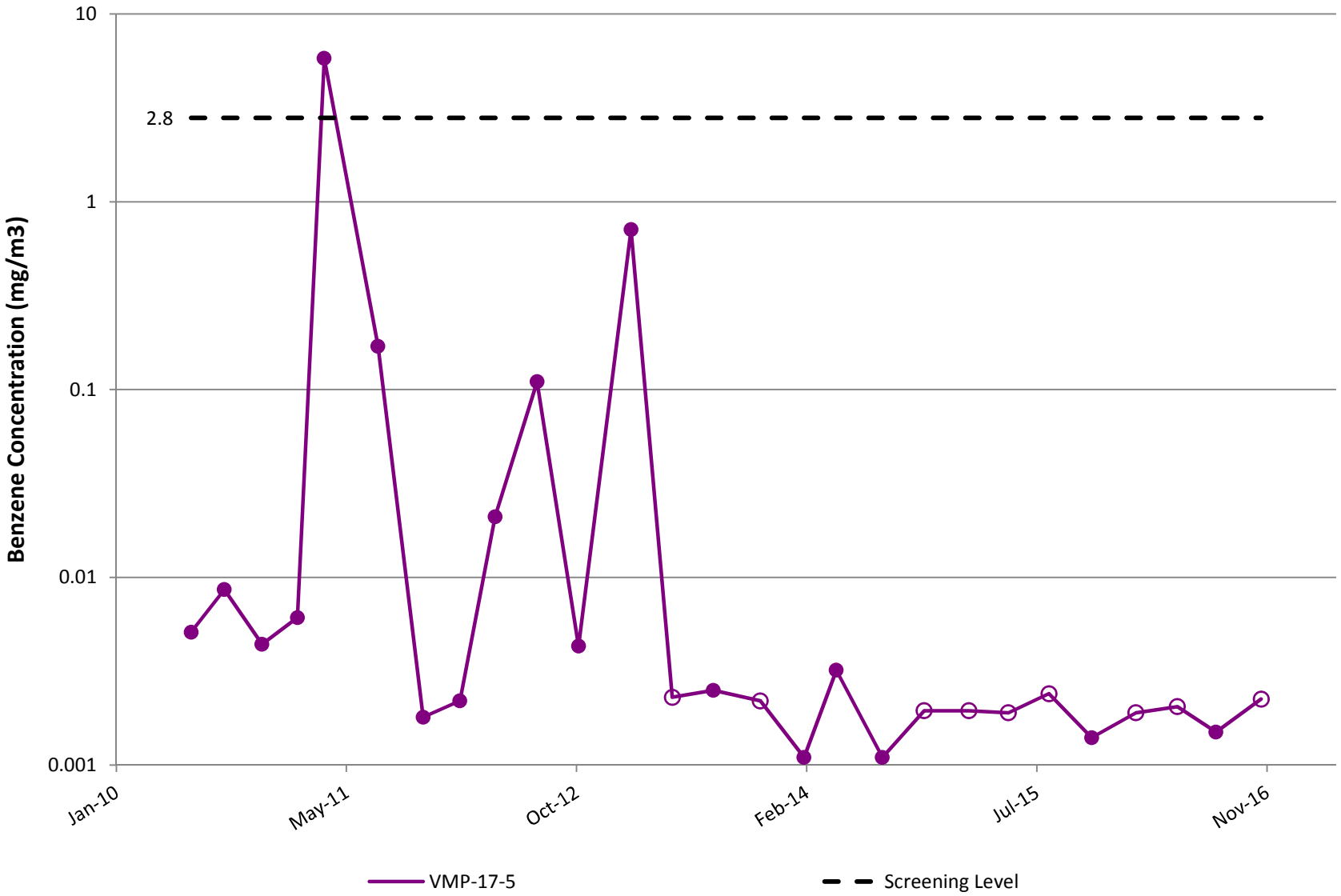
VMP-16

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



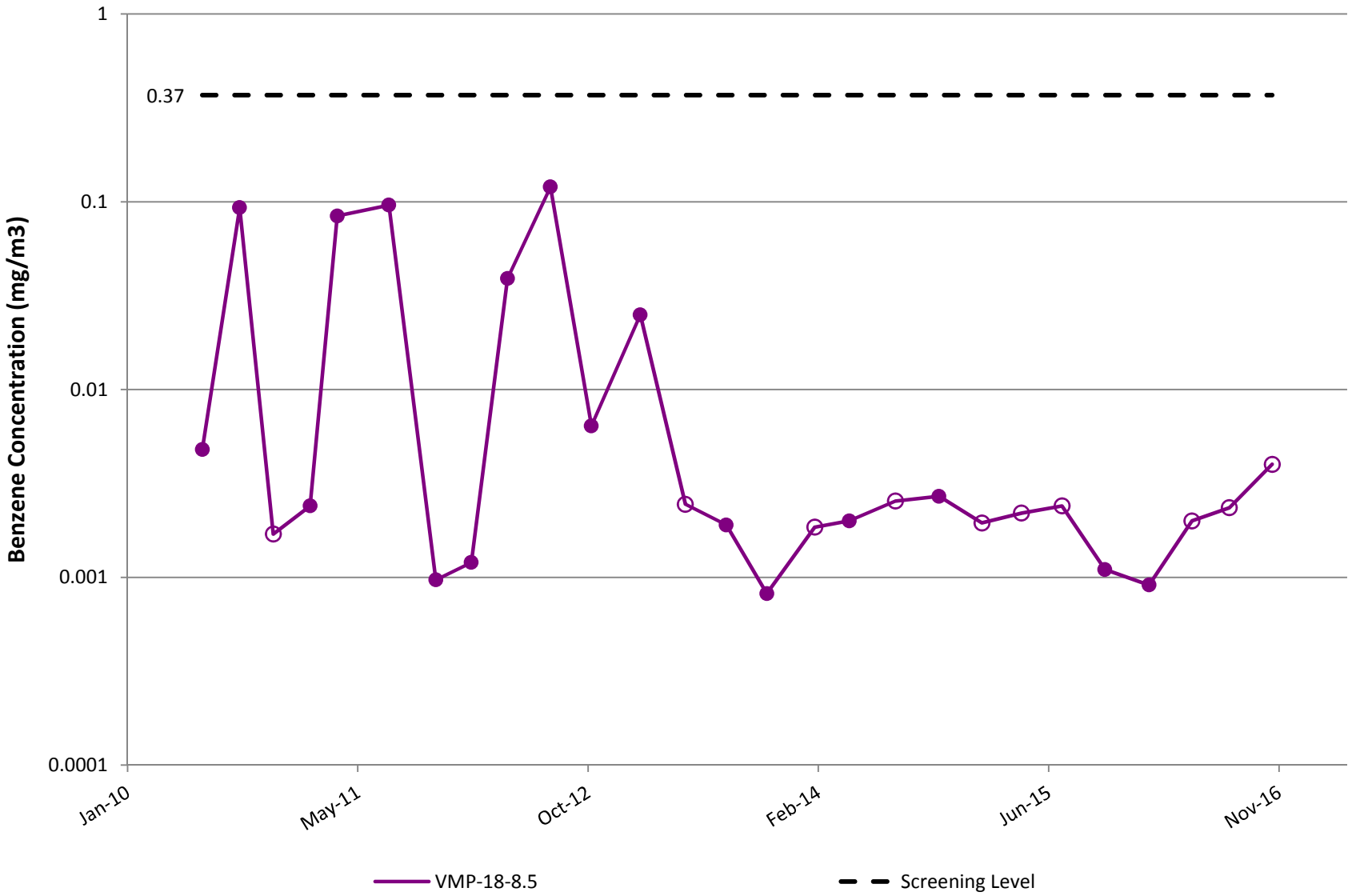
VMP-17

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



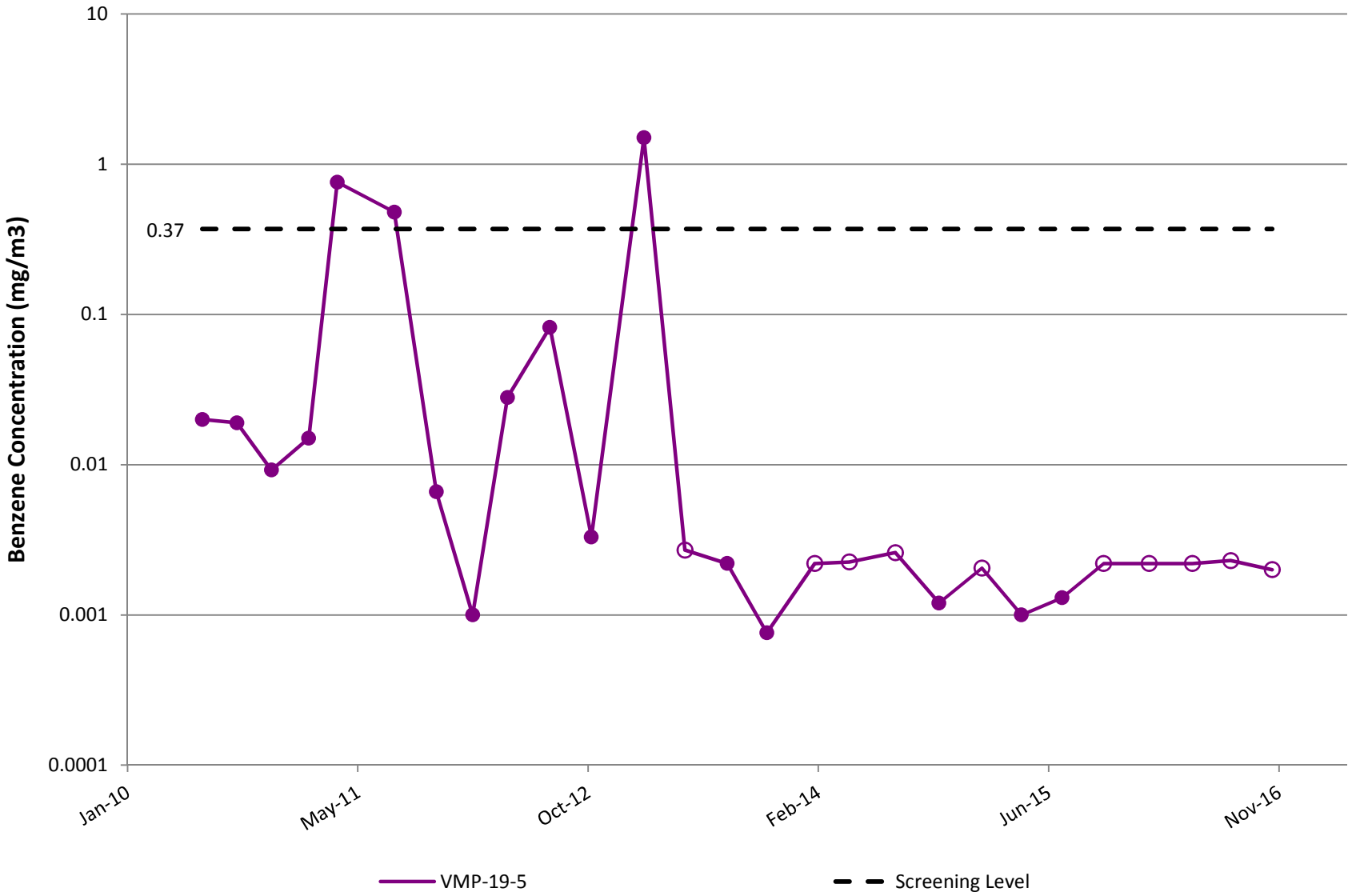
VMP-18

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



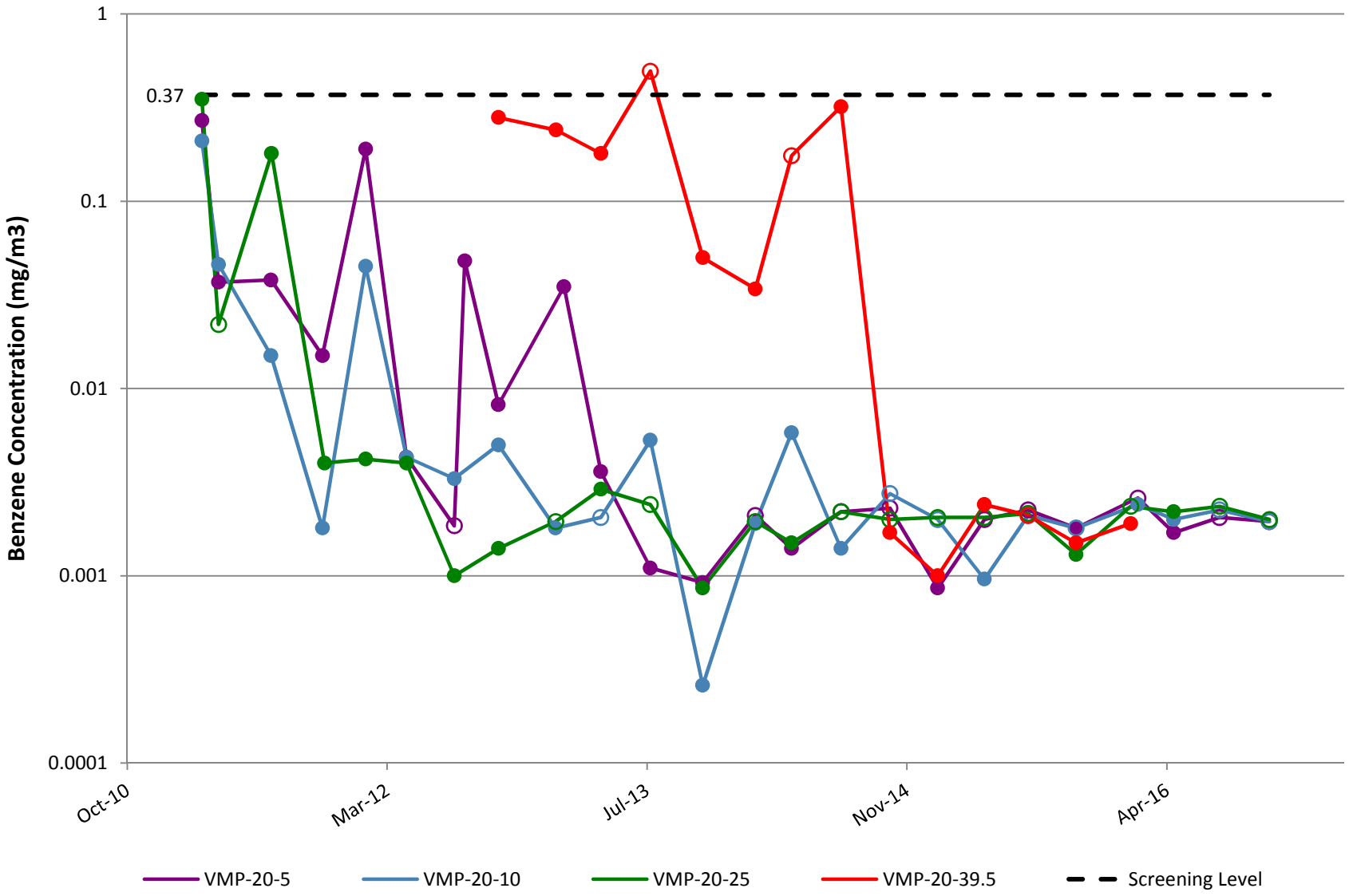
VMP-19

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



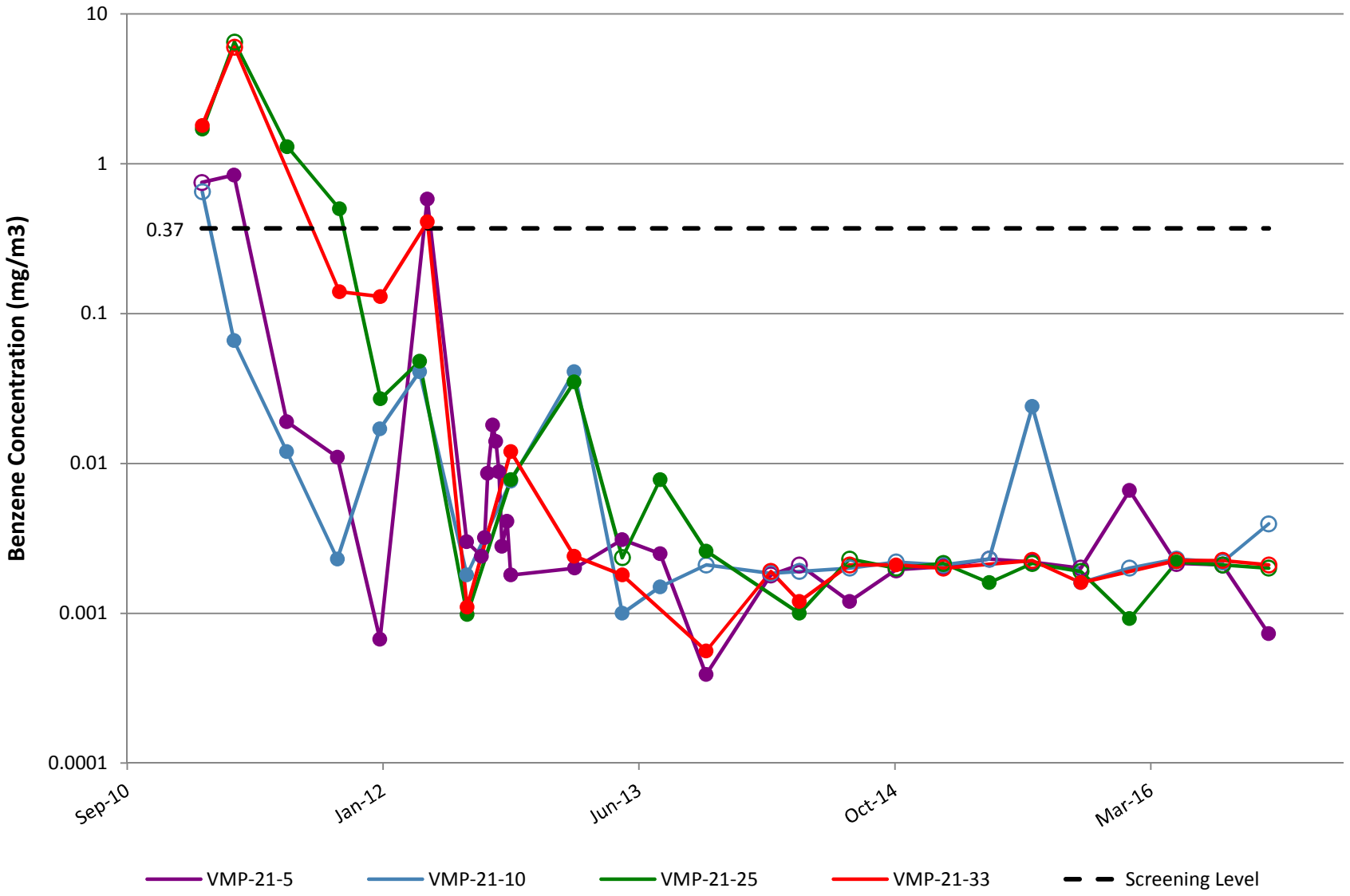
VMP-20

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



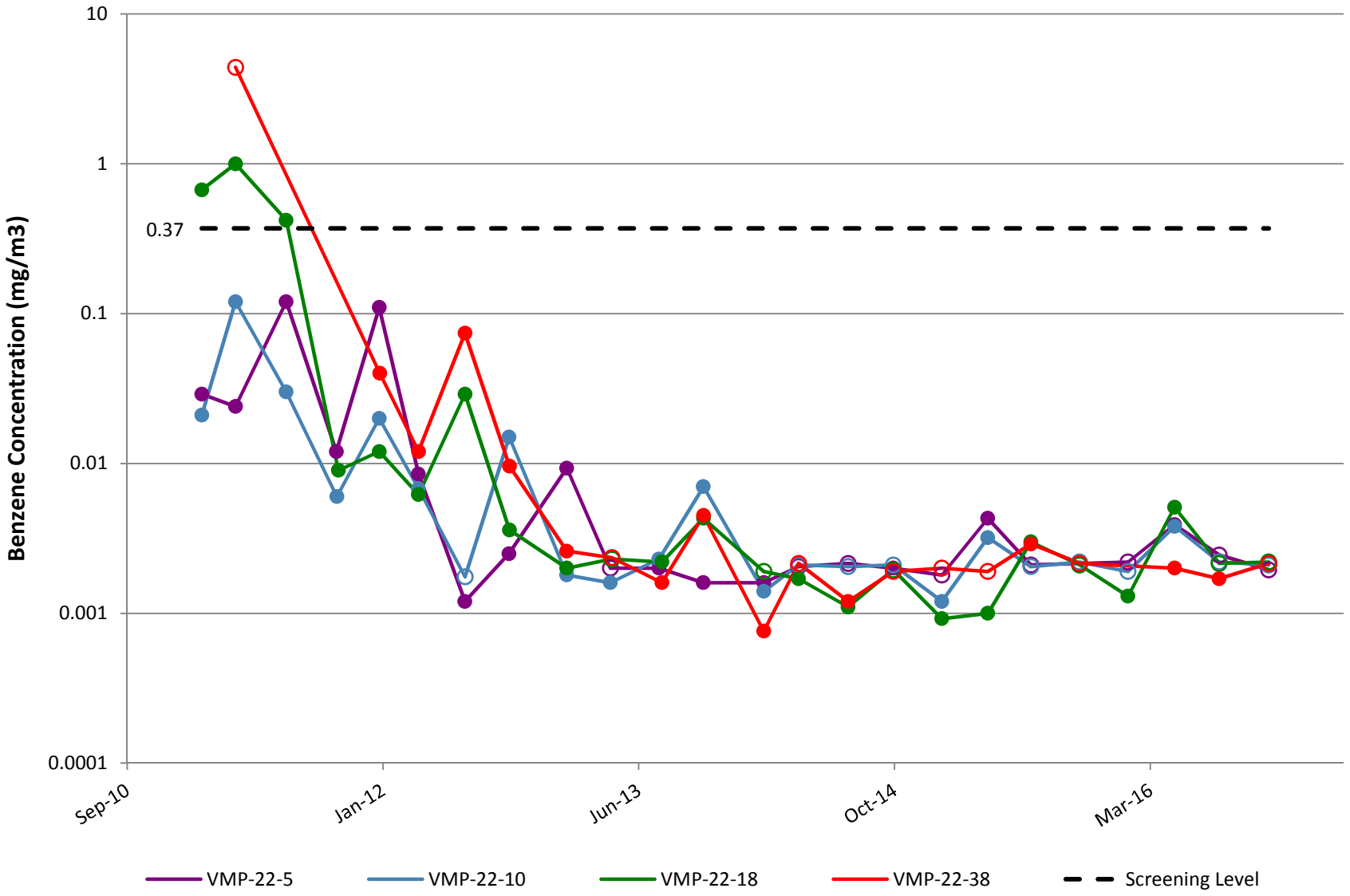
VMP-21

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



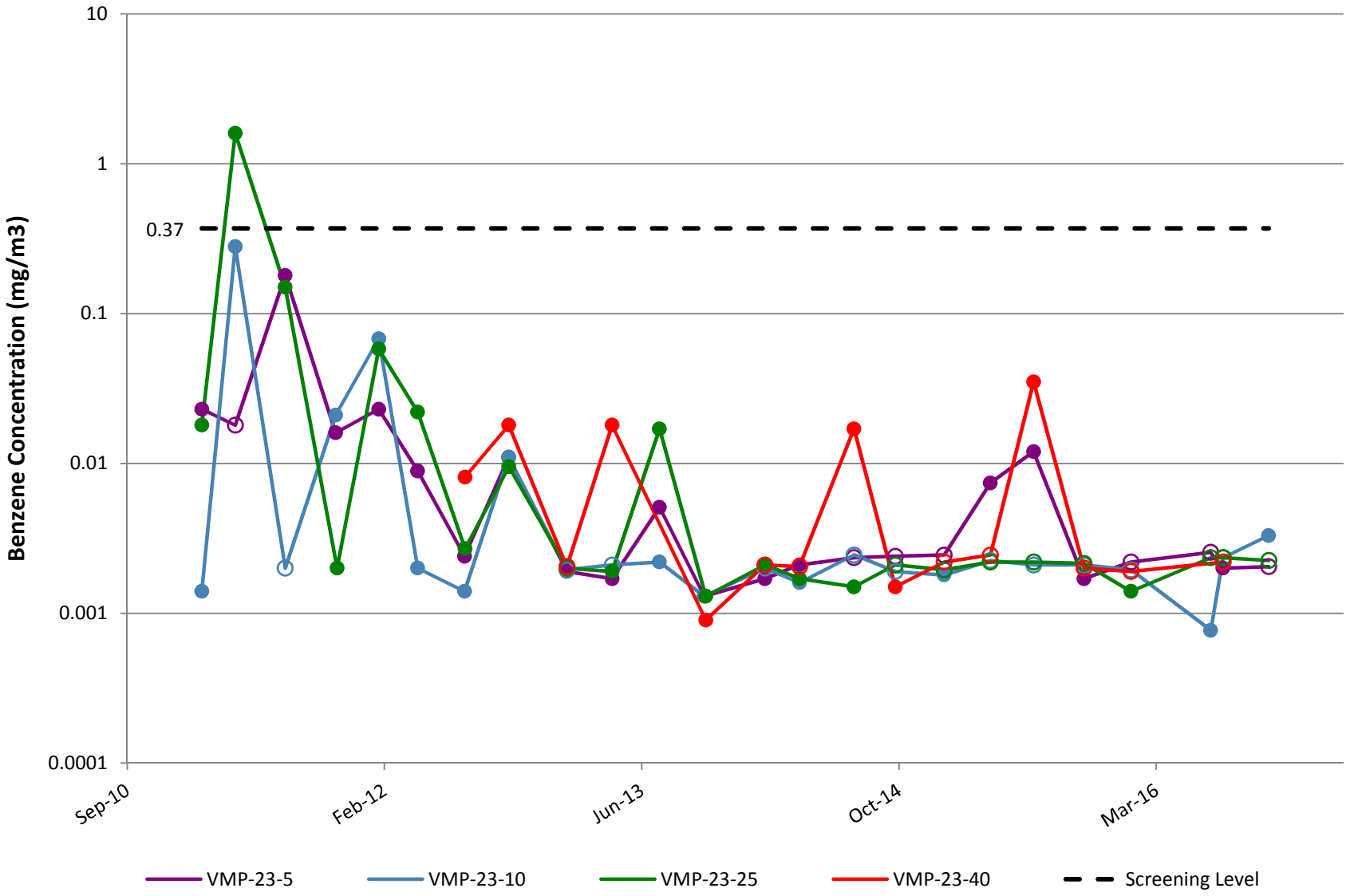
VMP-22

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



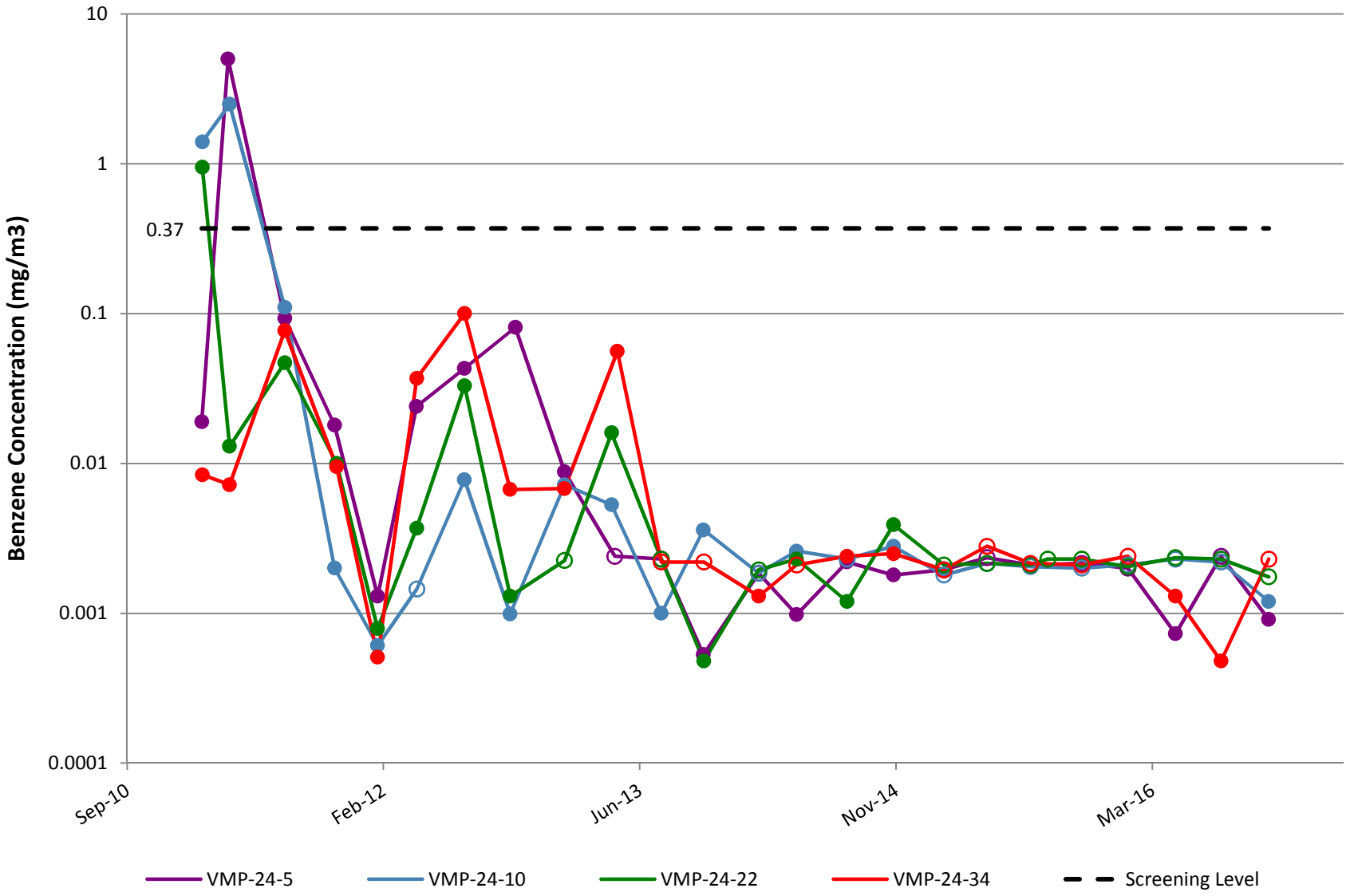
VMP-23

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



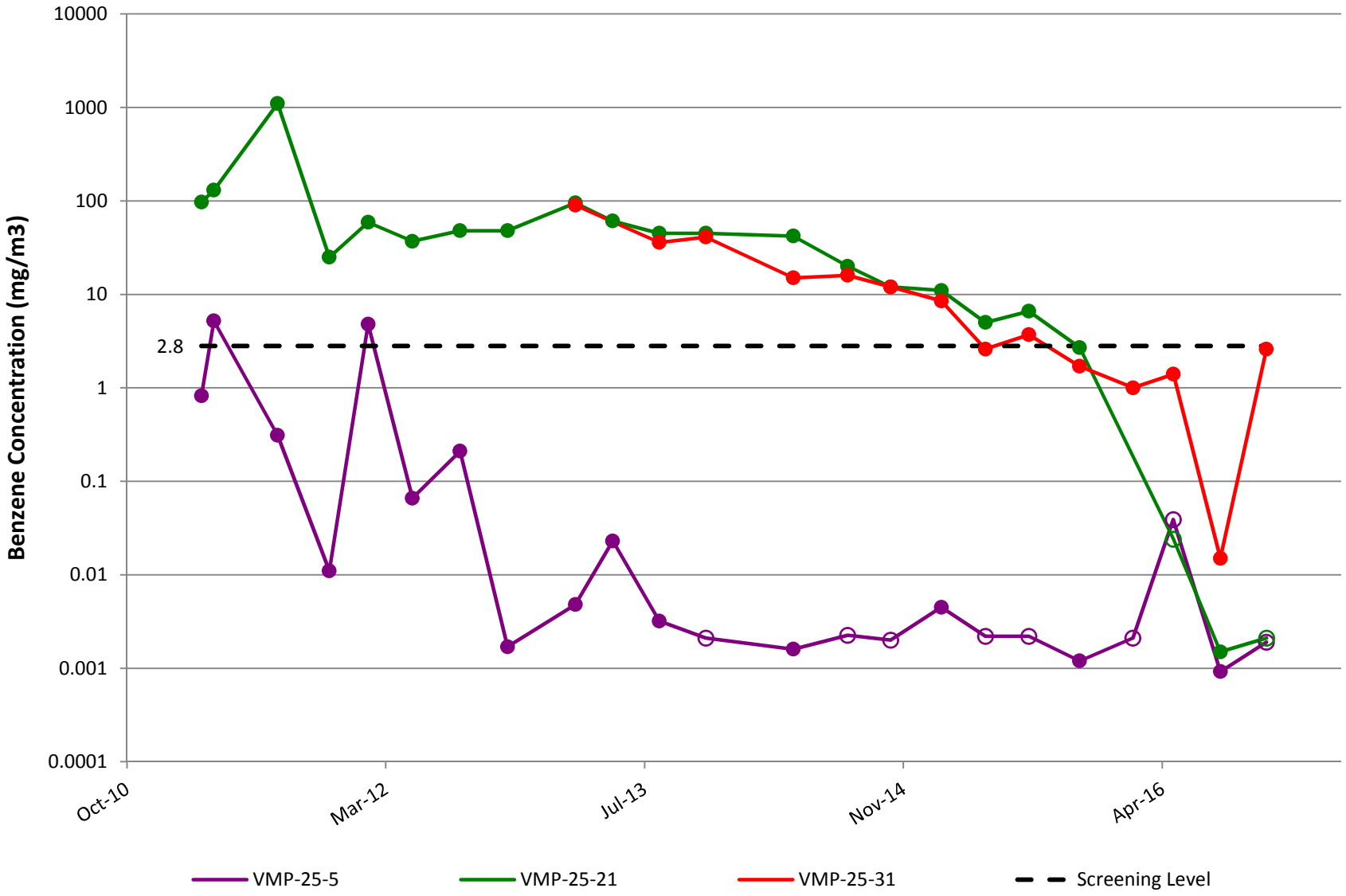
VMP-24

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



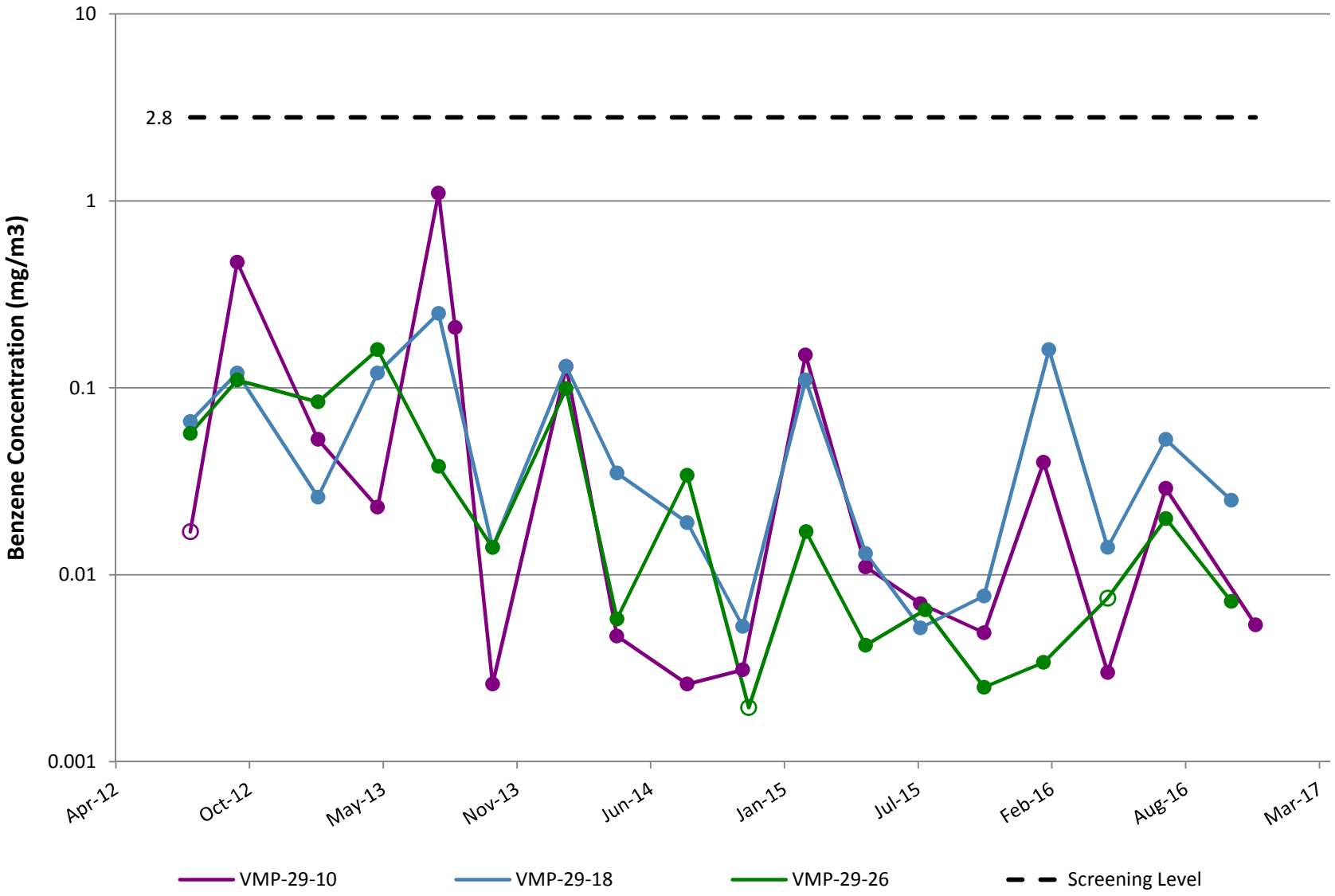
VMP-25

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



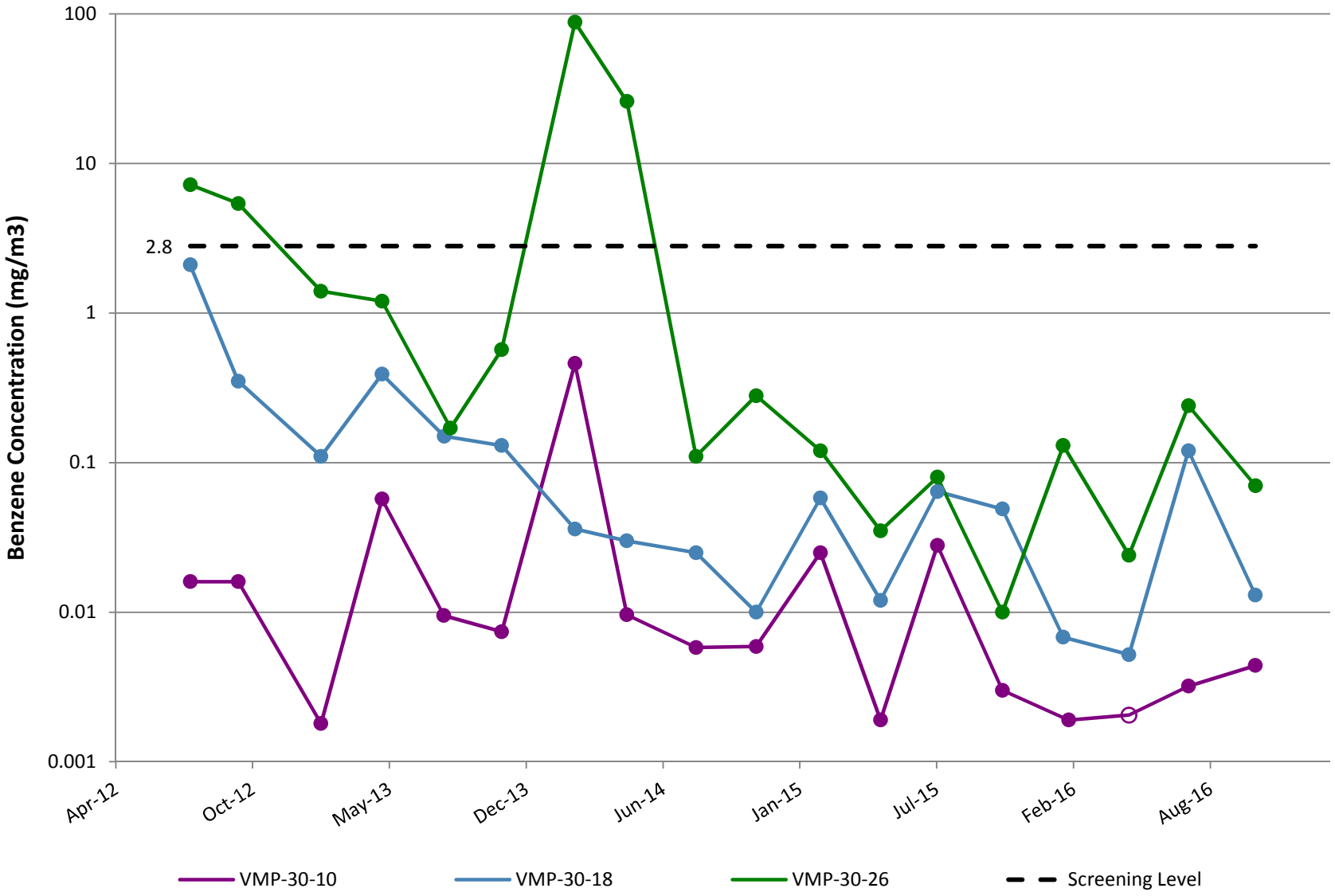
VMP-29

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



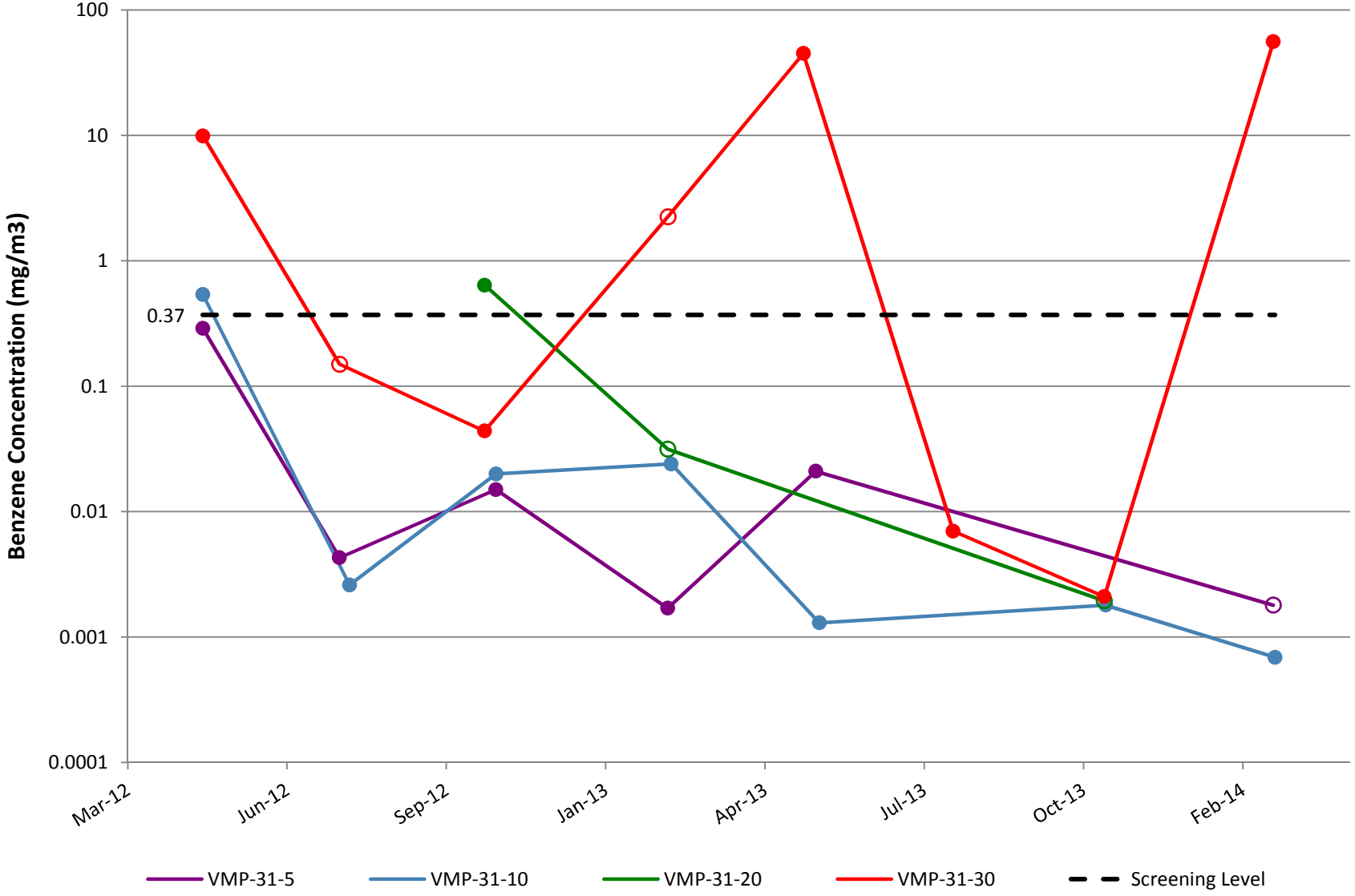
VMP-30

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



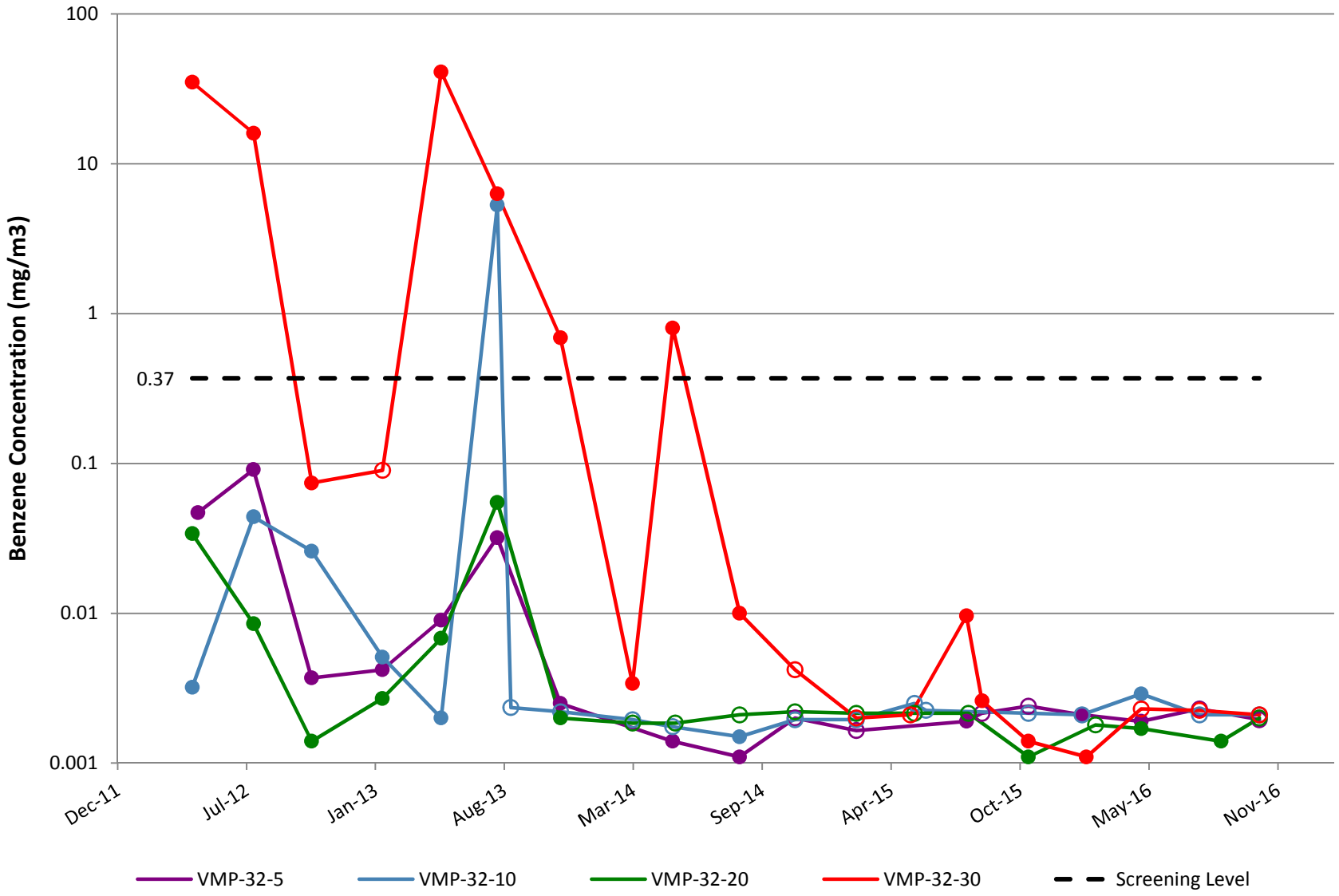
VMP-31

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). VMP-31 was abandoned in 2Q14 after persistent helium issues and replaced by VMP-56.



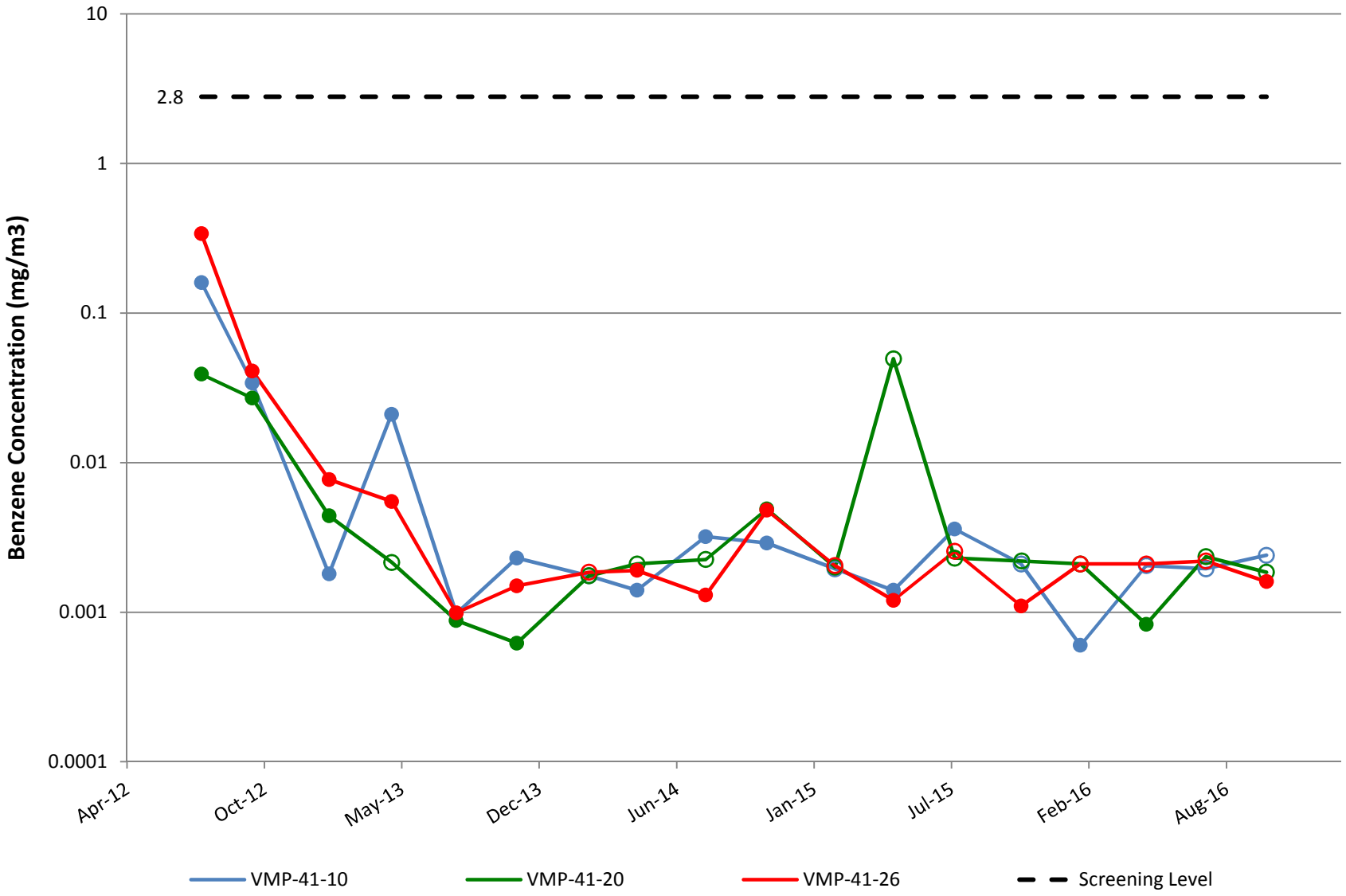
VMP-32

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



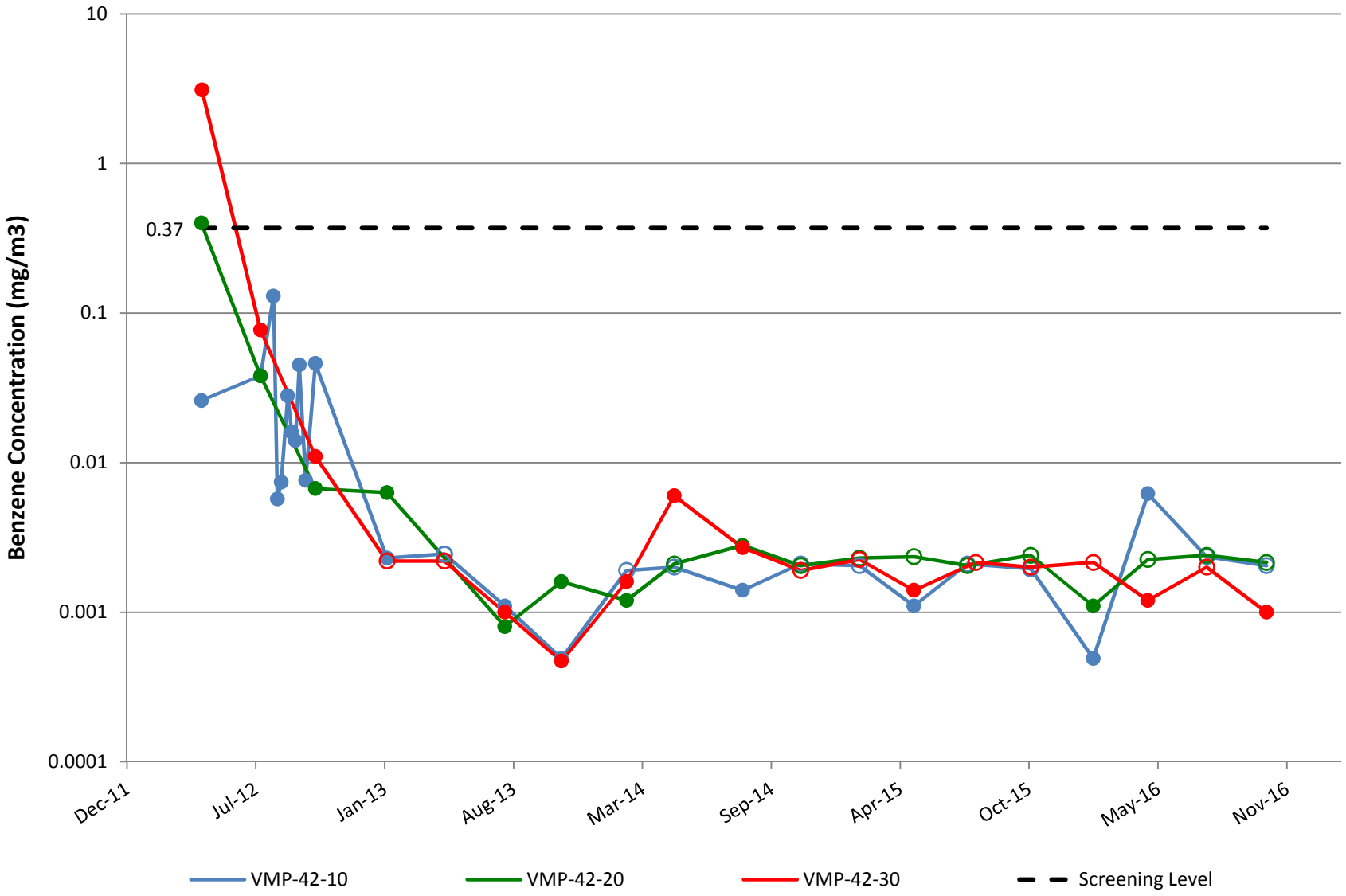
VMP-41

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



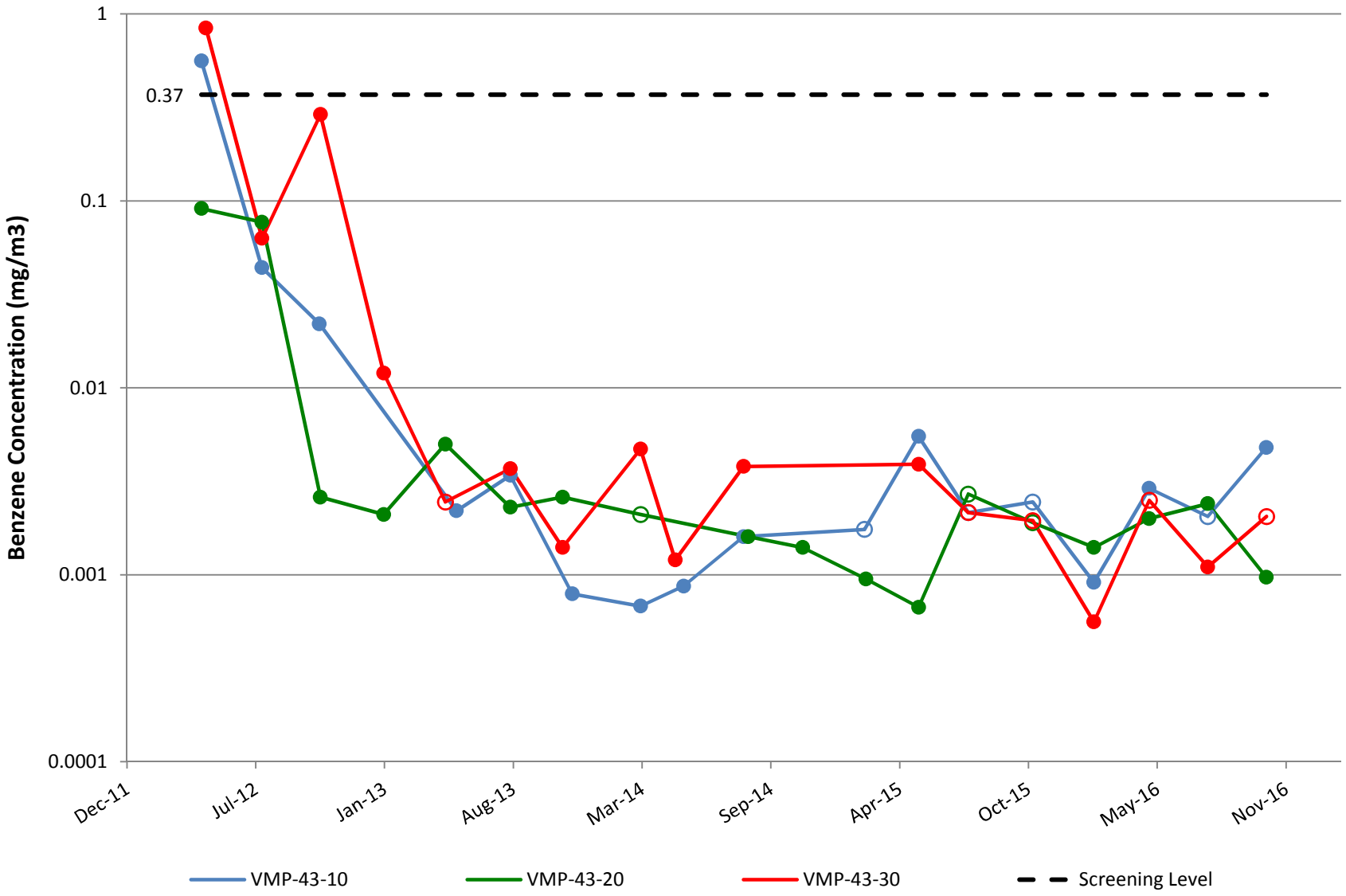
VMP-42

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



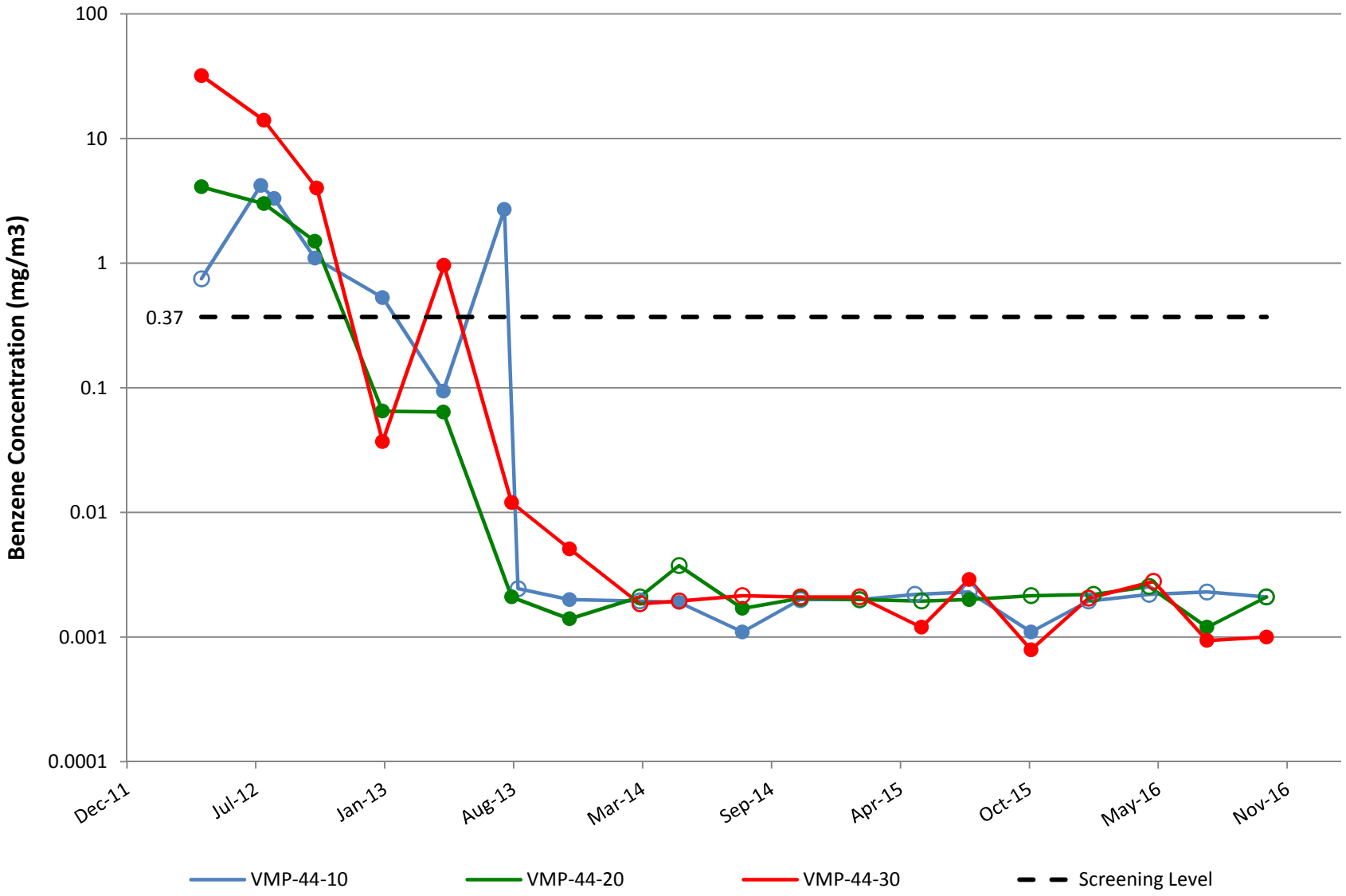
VMP-43

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



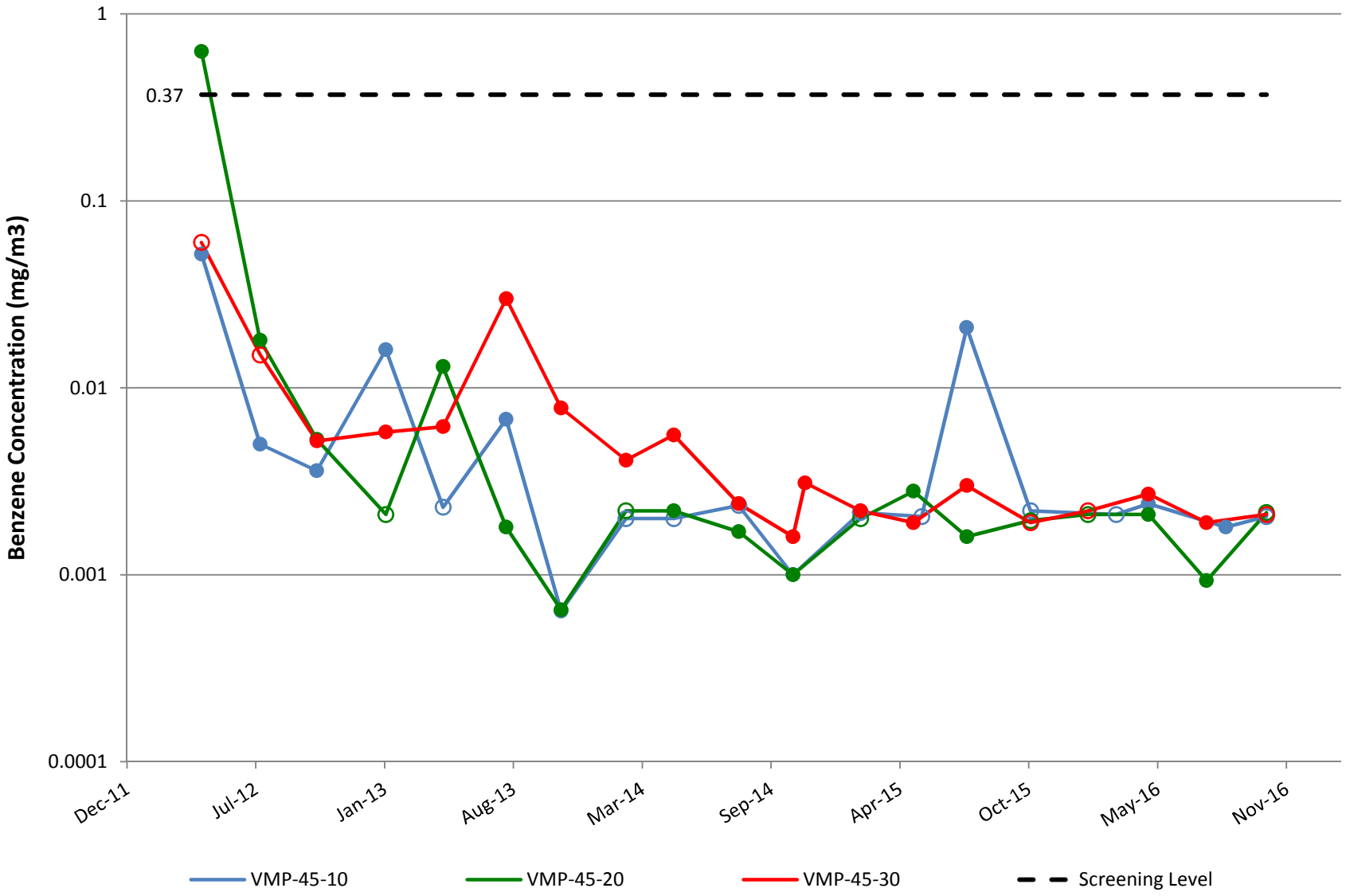
VMP-44

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



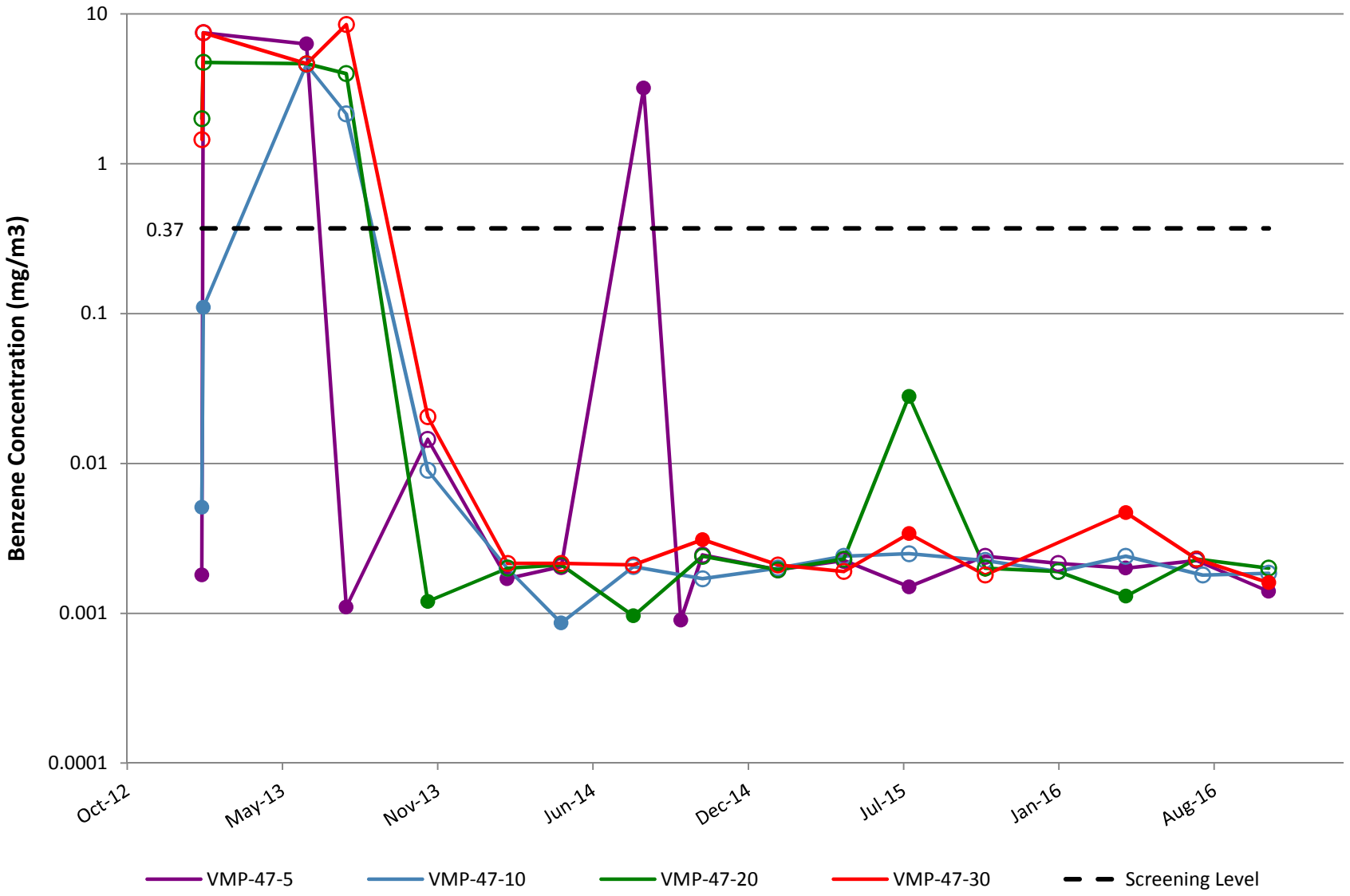
VMP-45

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



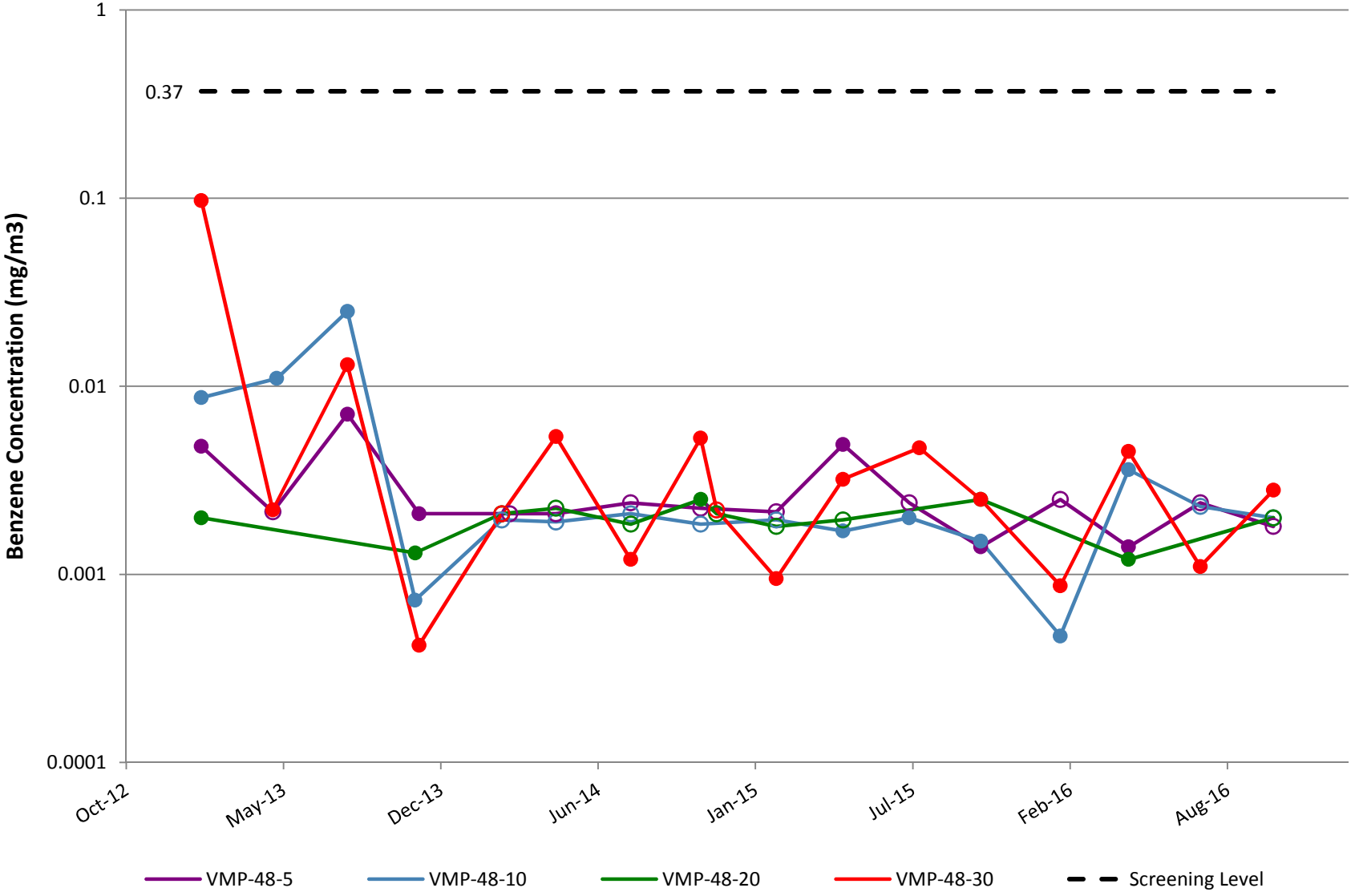
VMP-47

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



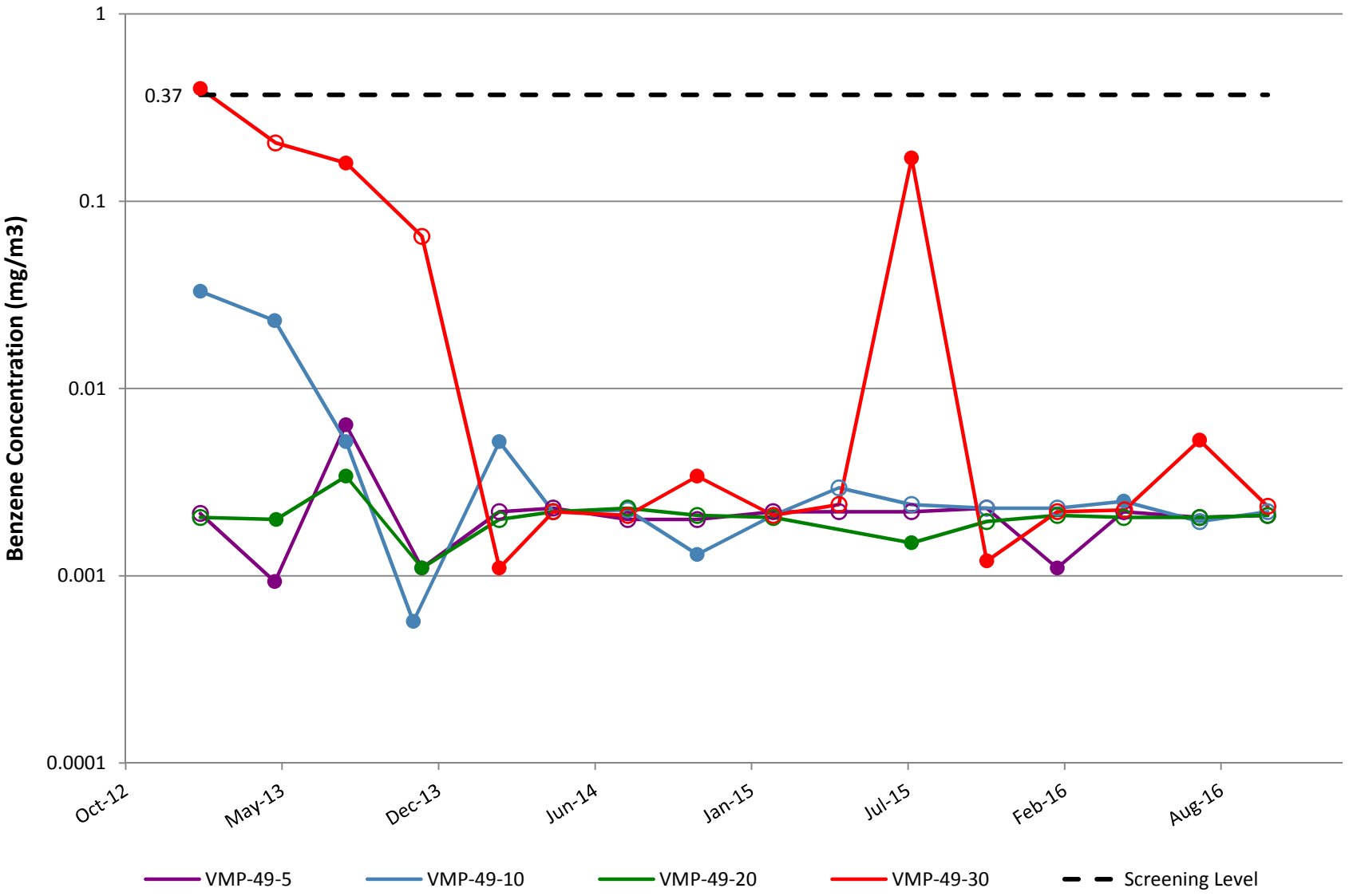
VMP-48

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



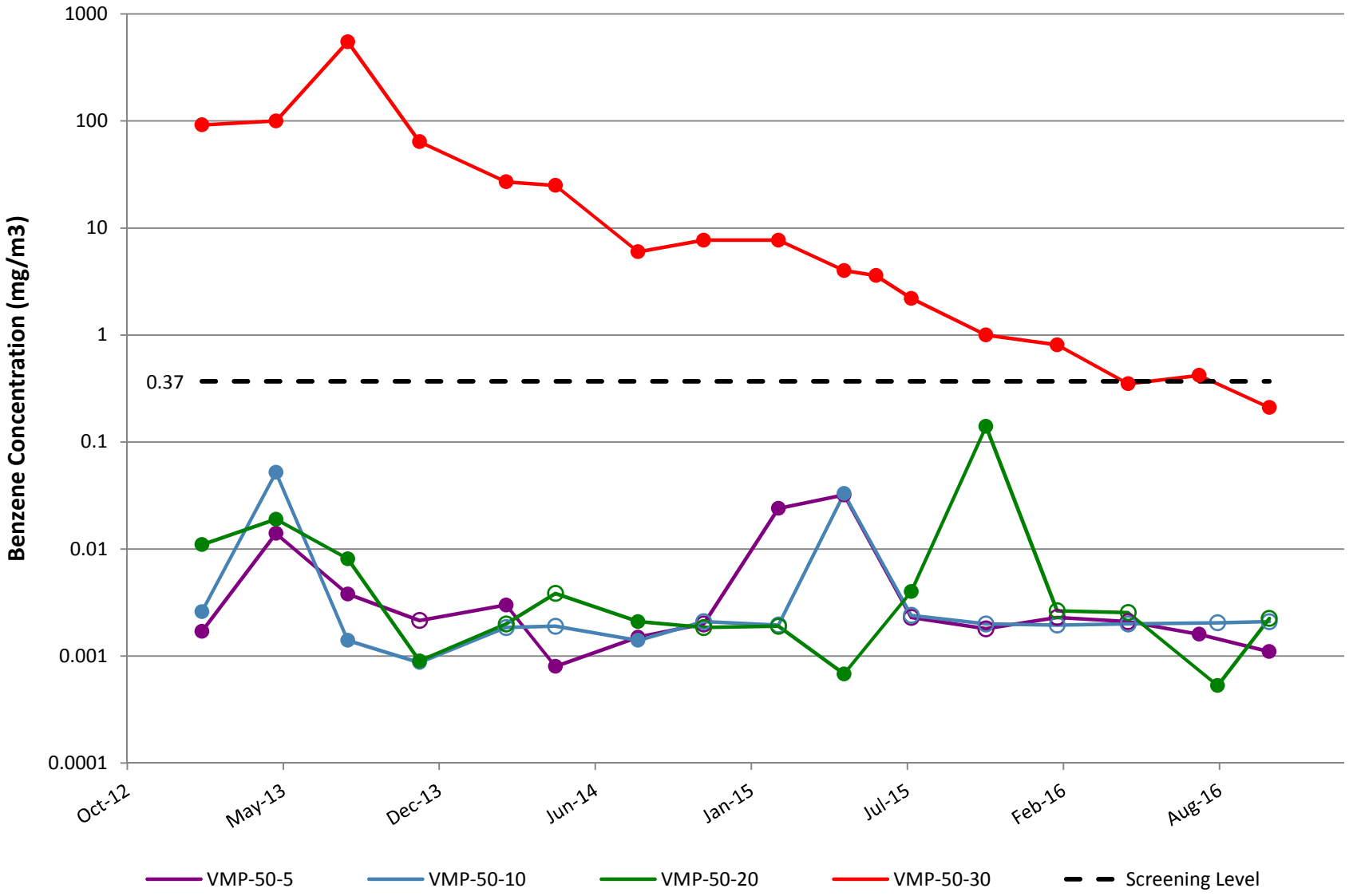
VMP-49

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



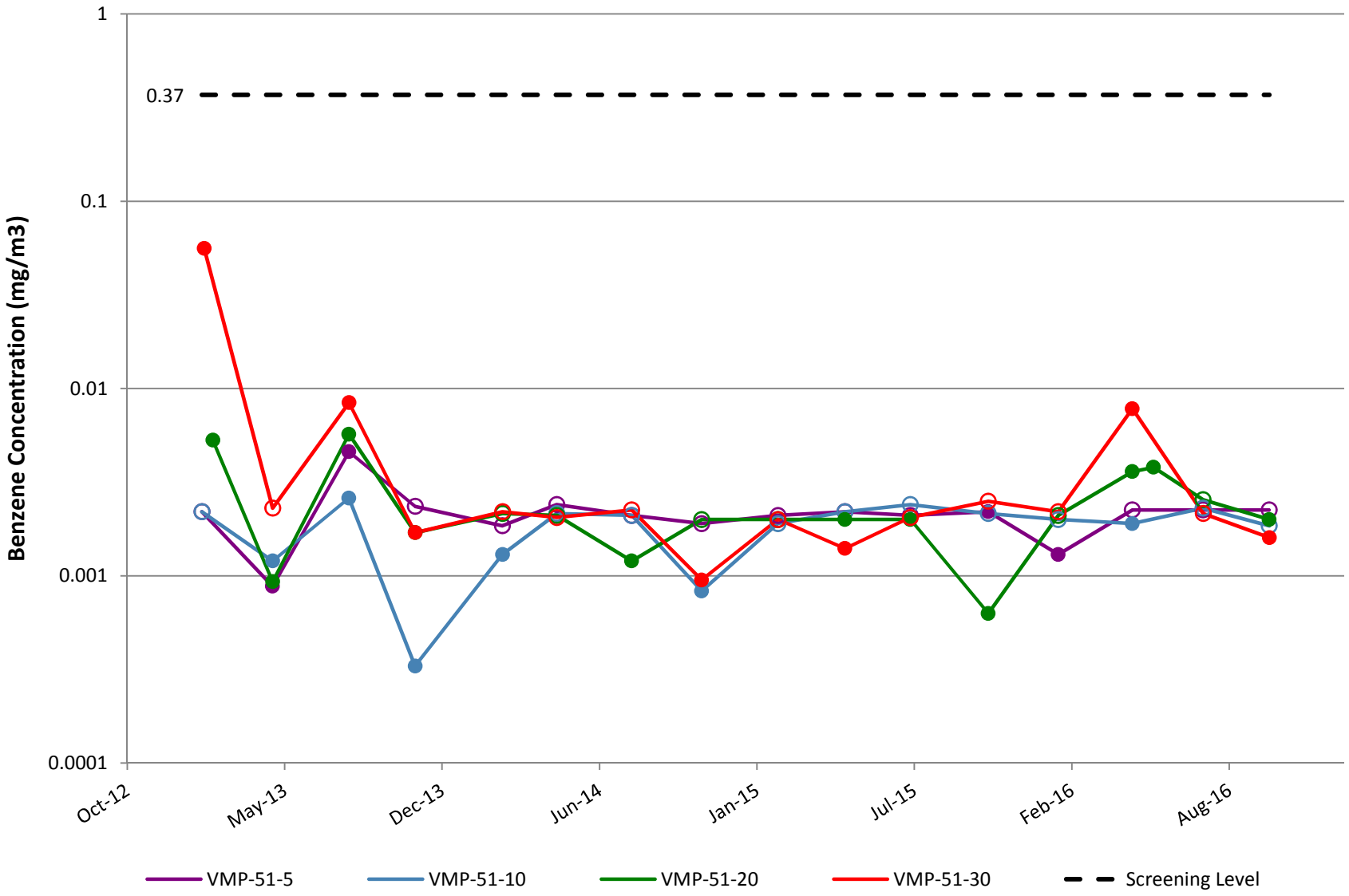
VMP-50

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



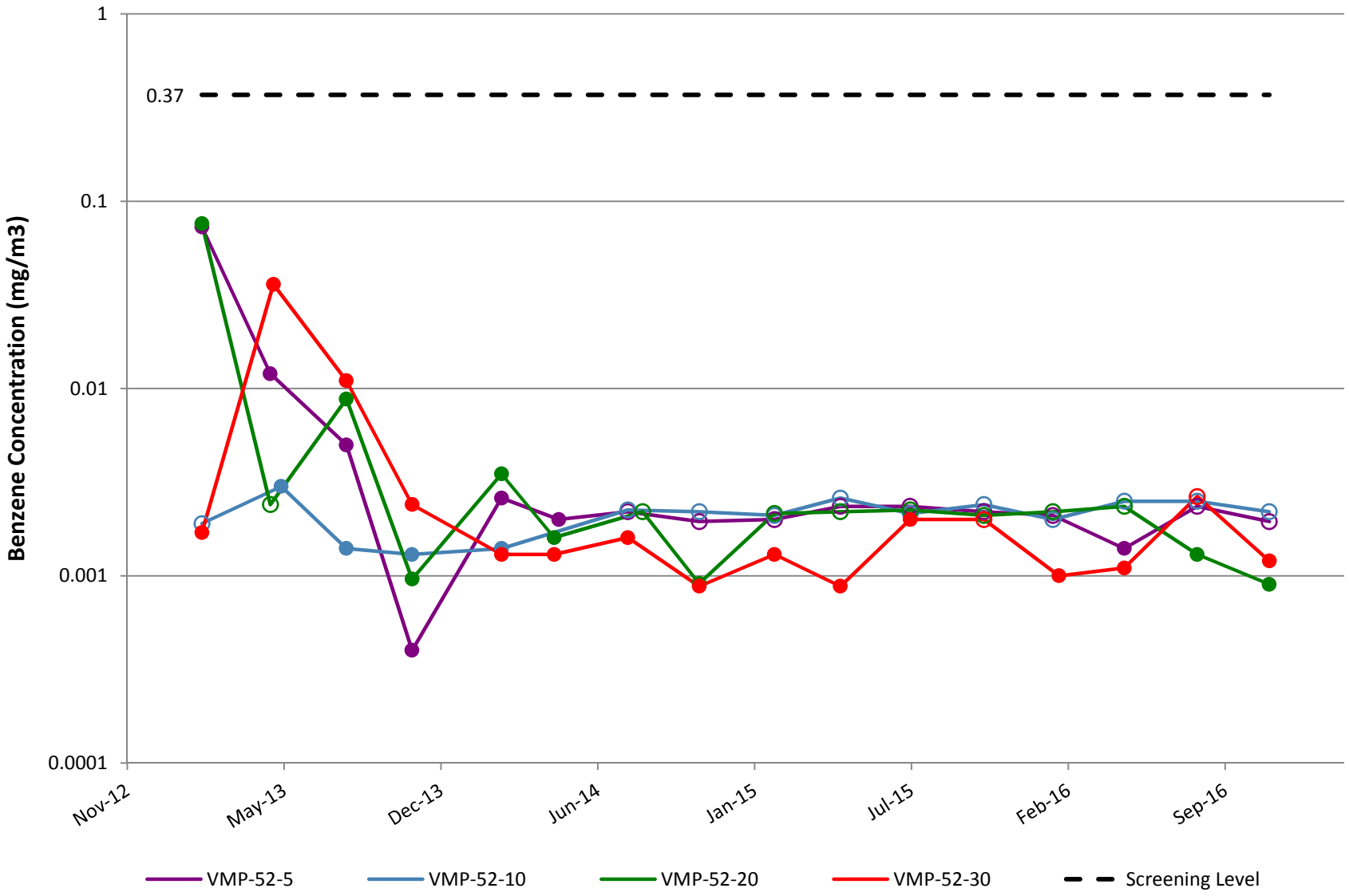
VMP-51

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



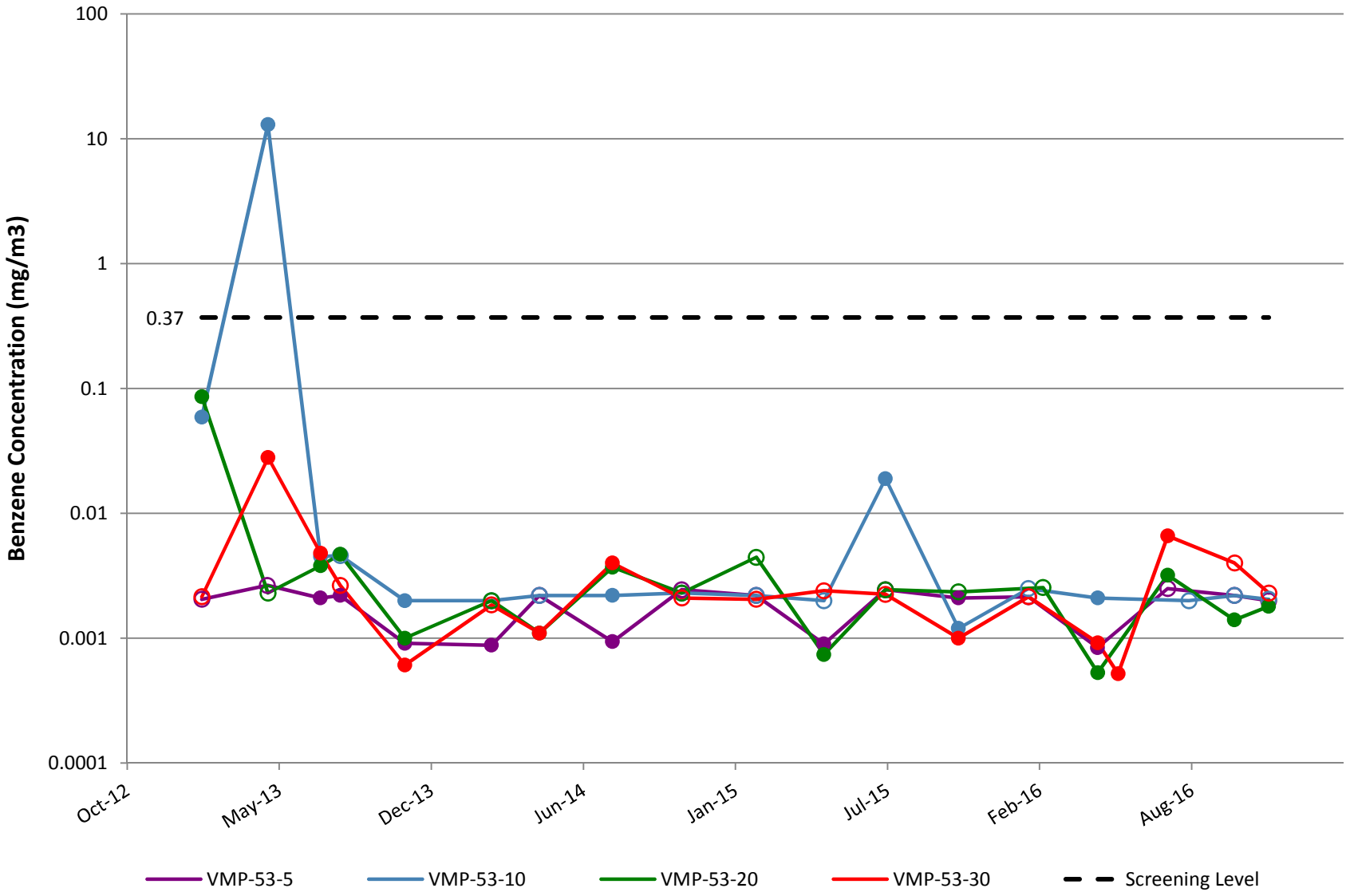
VMP-52

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



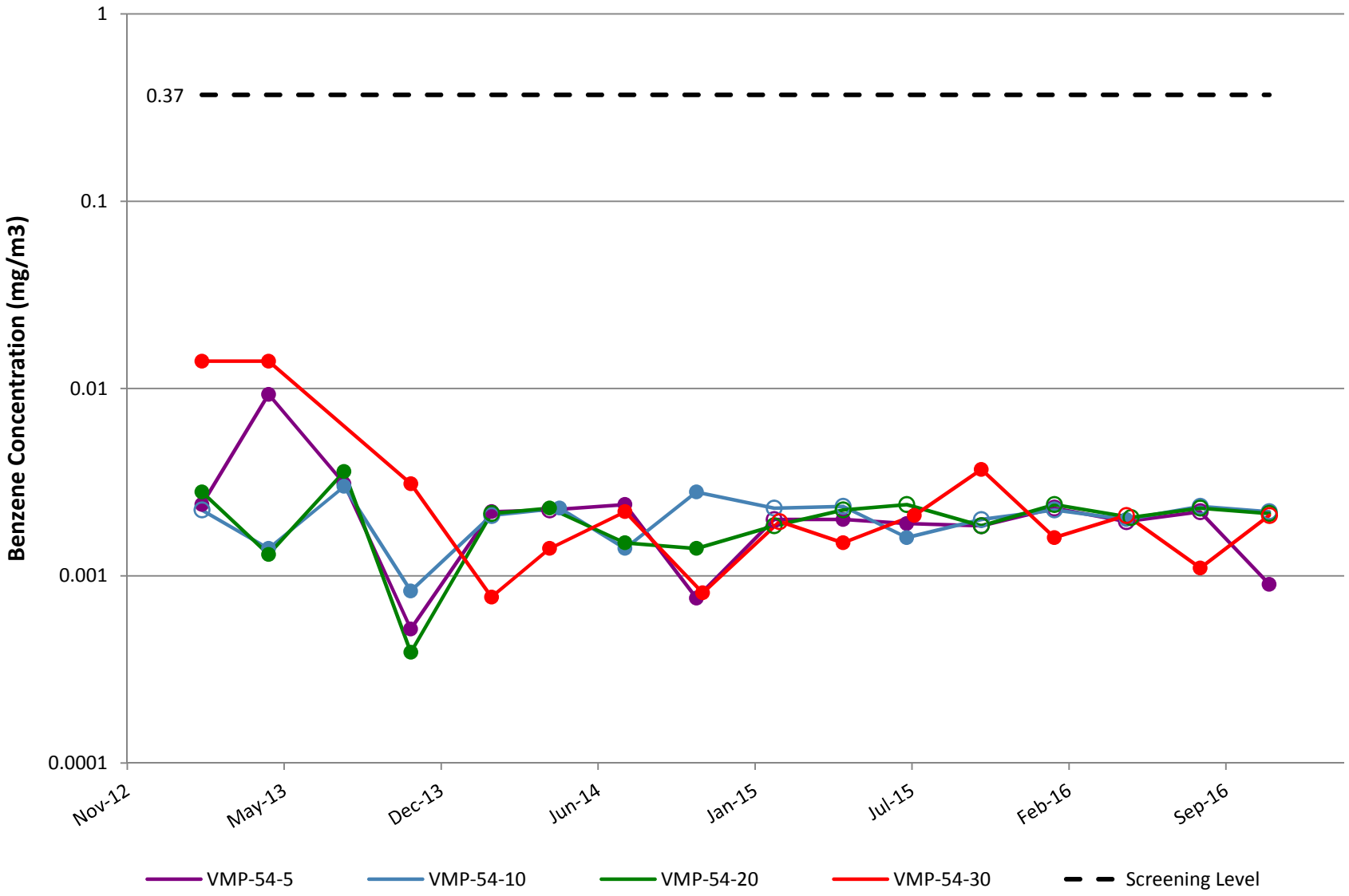
VMP-53

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



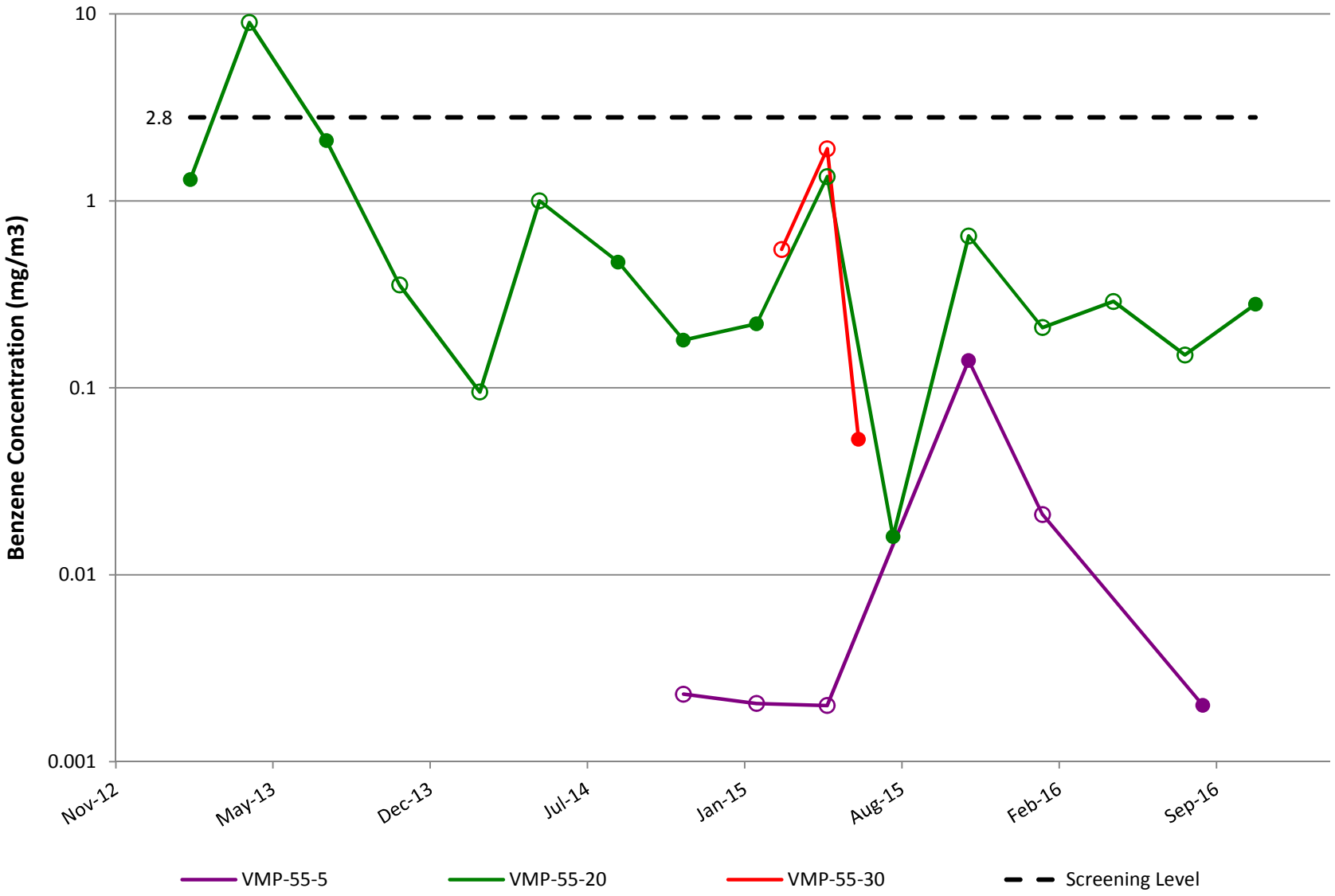
VMP-54

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



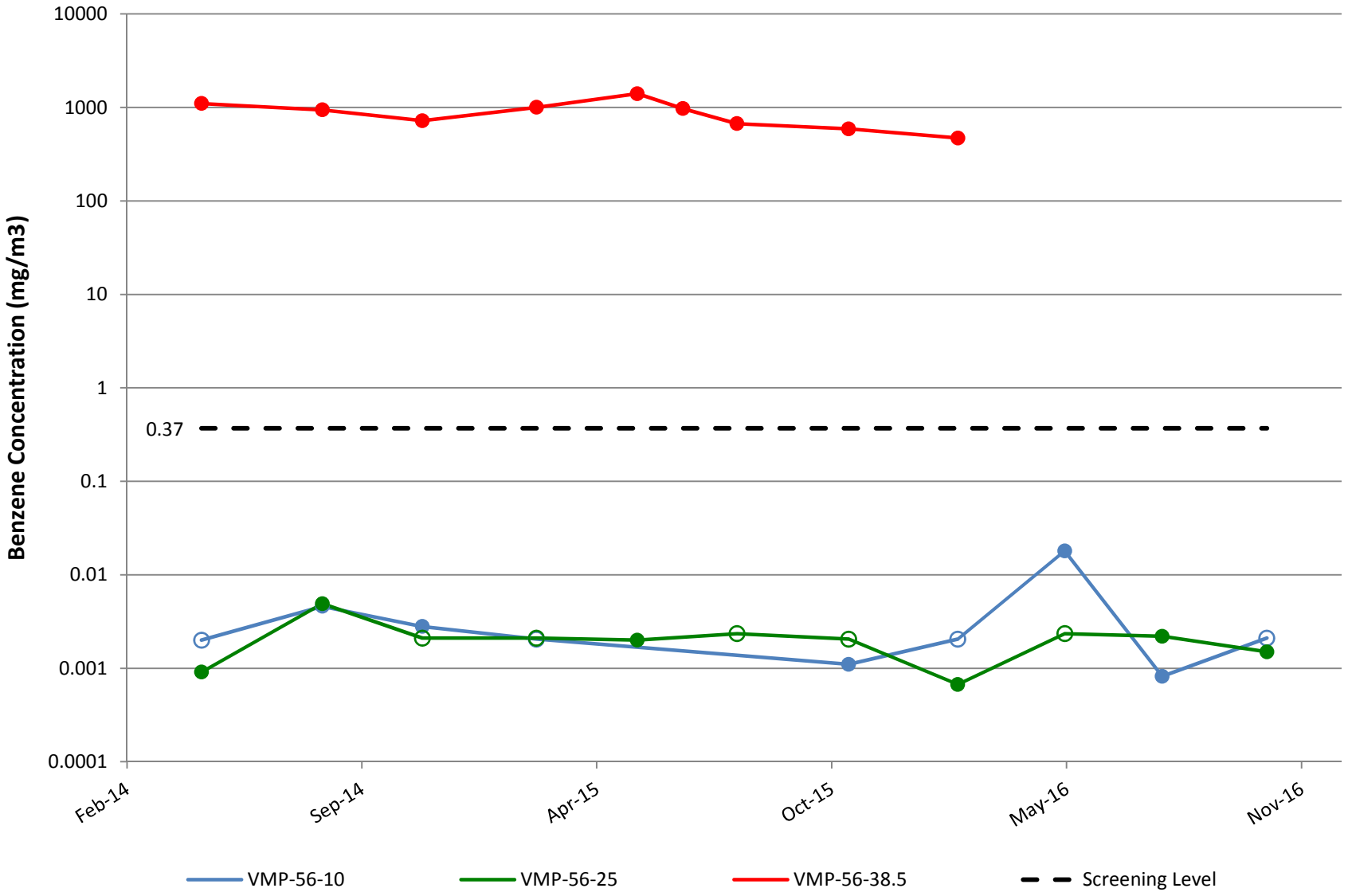
VMP-55

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



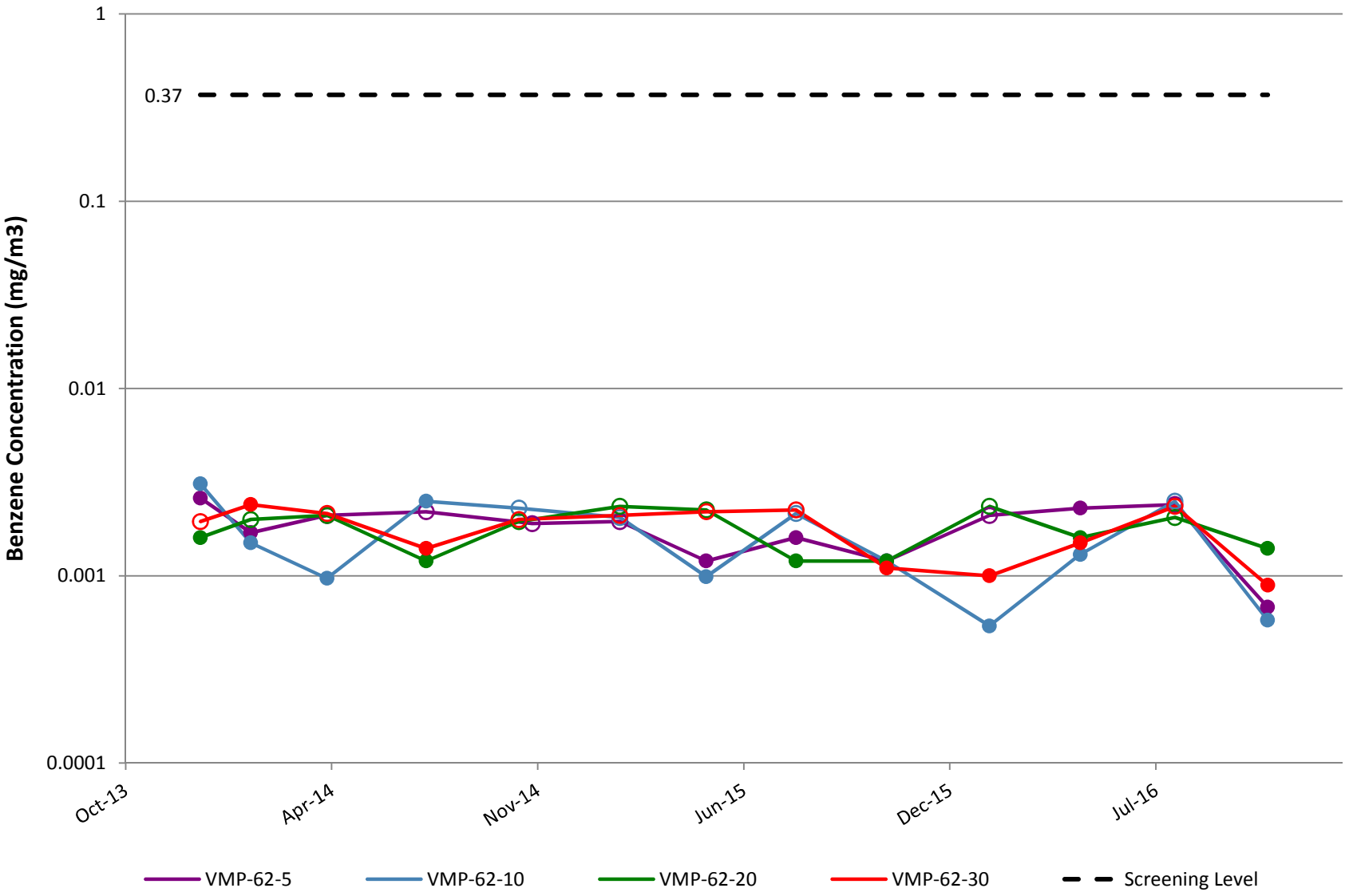
VMP-56

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



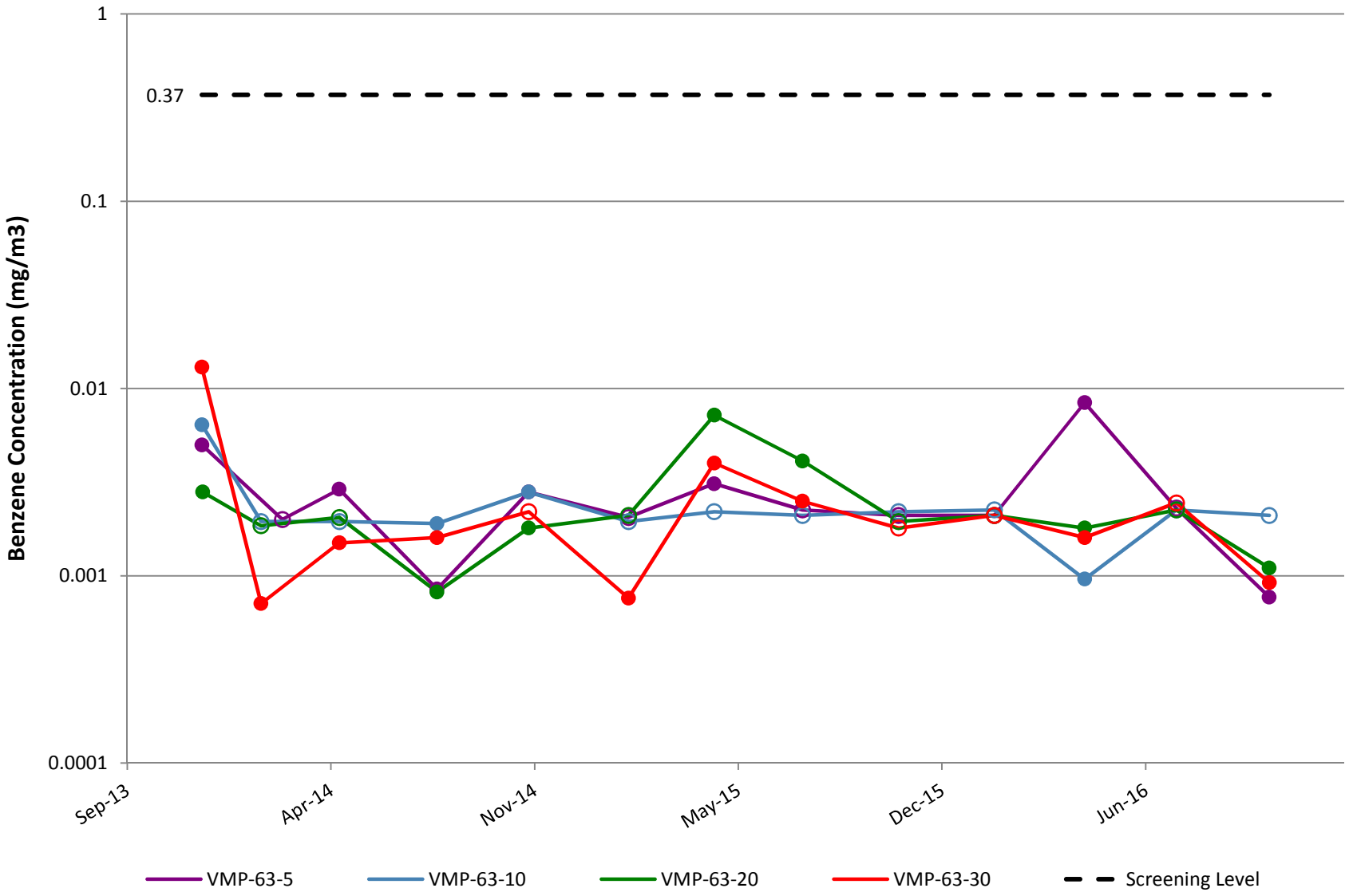
VMP-62

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



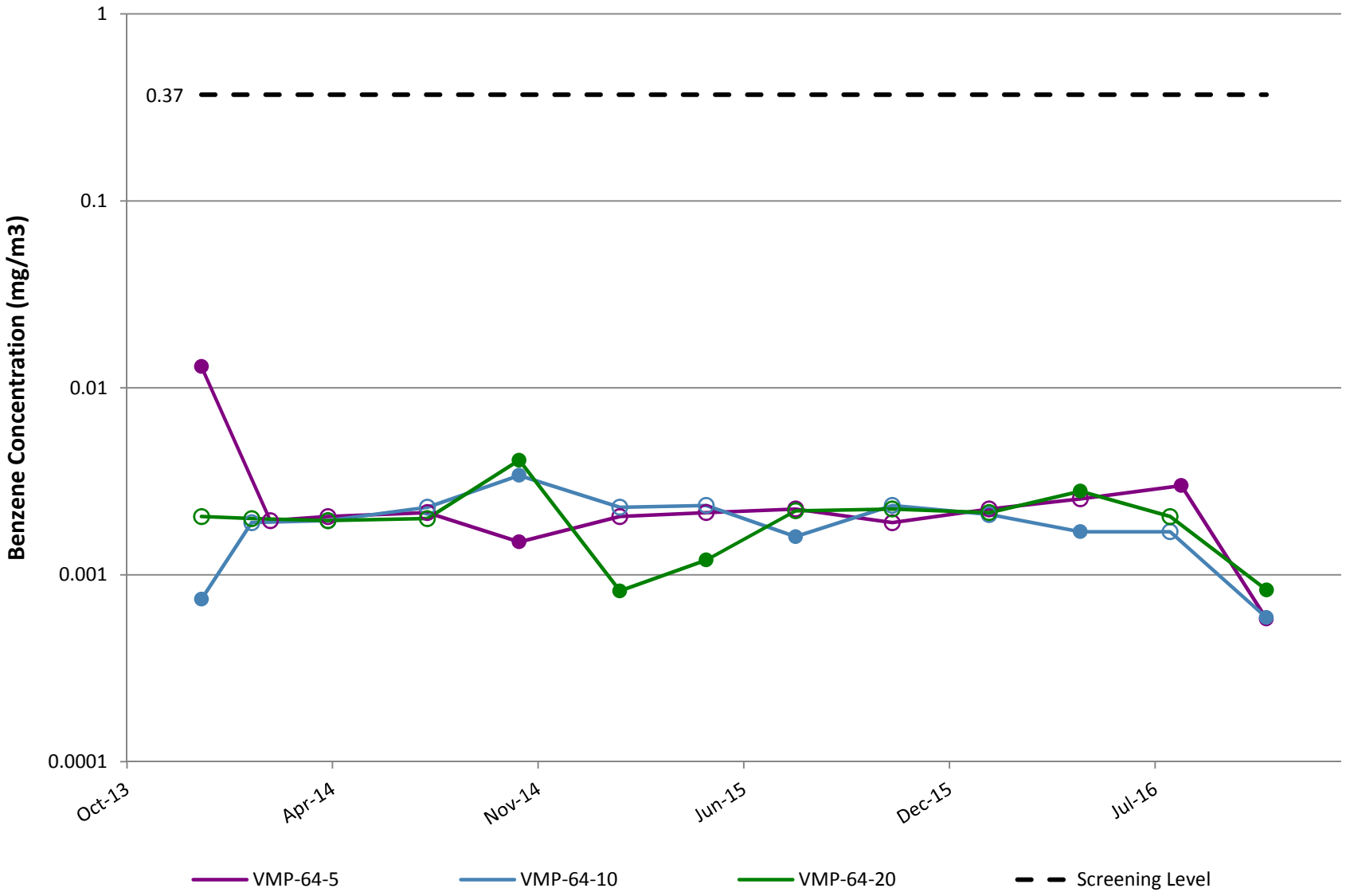
VMP-63

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



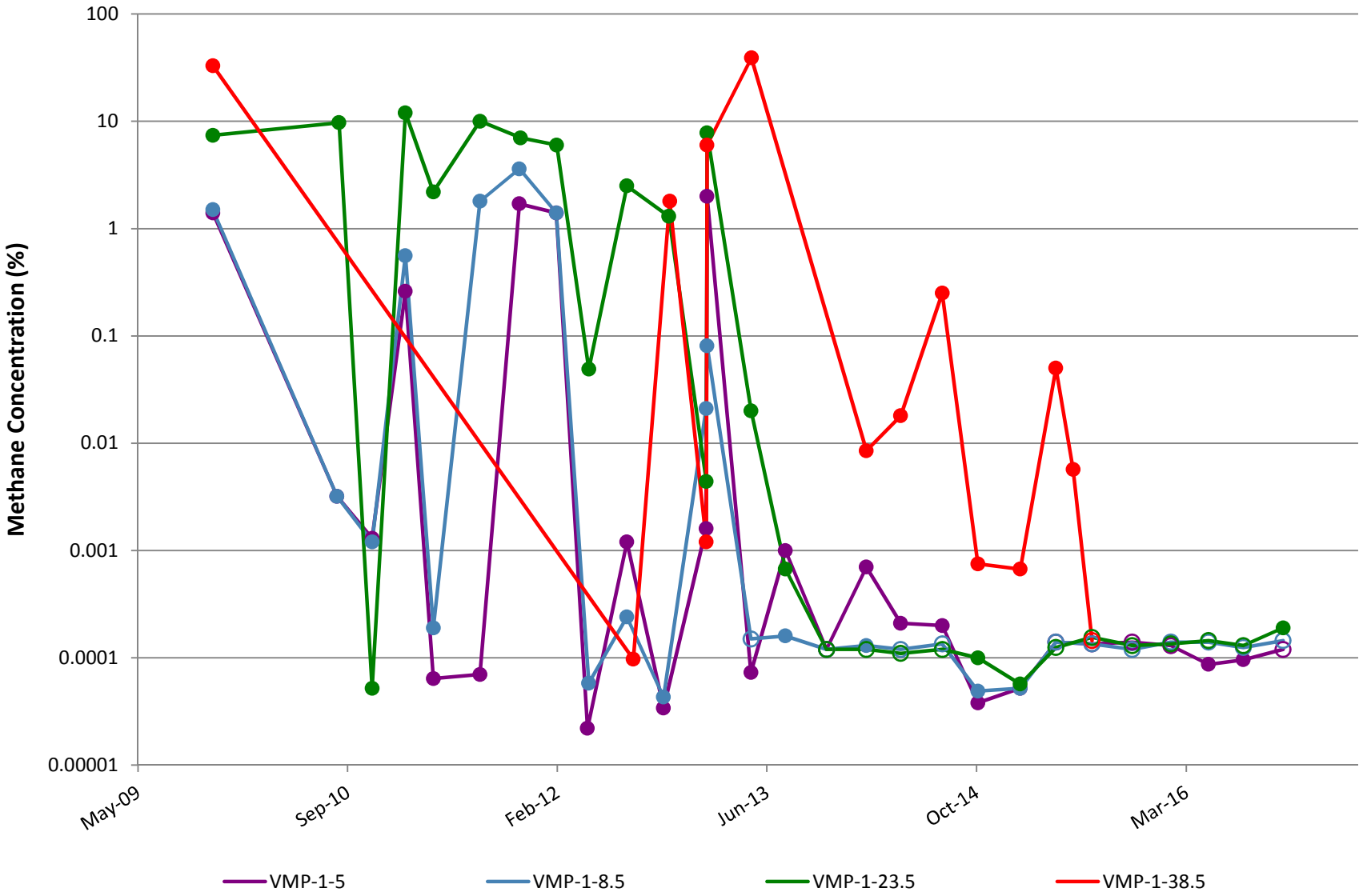
VMP-64

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



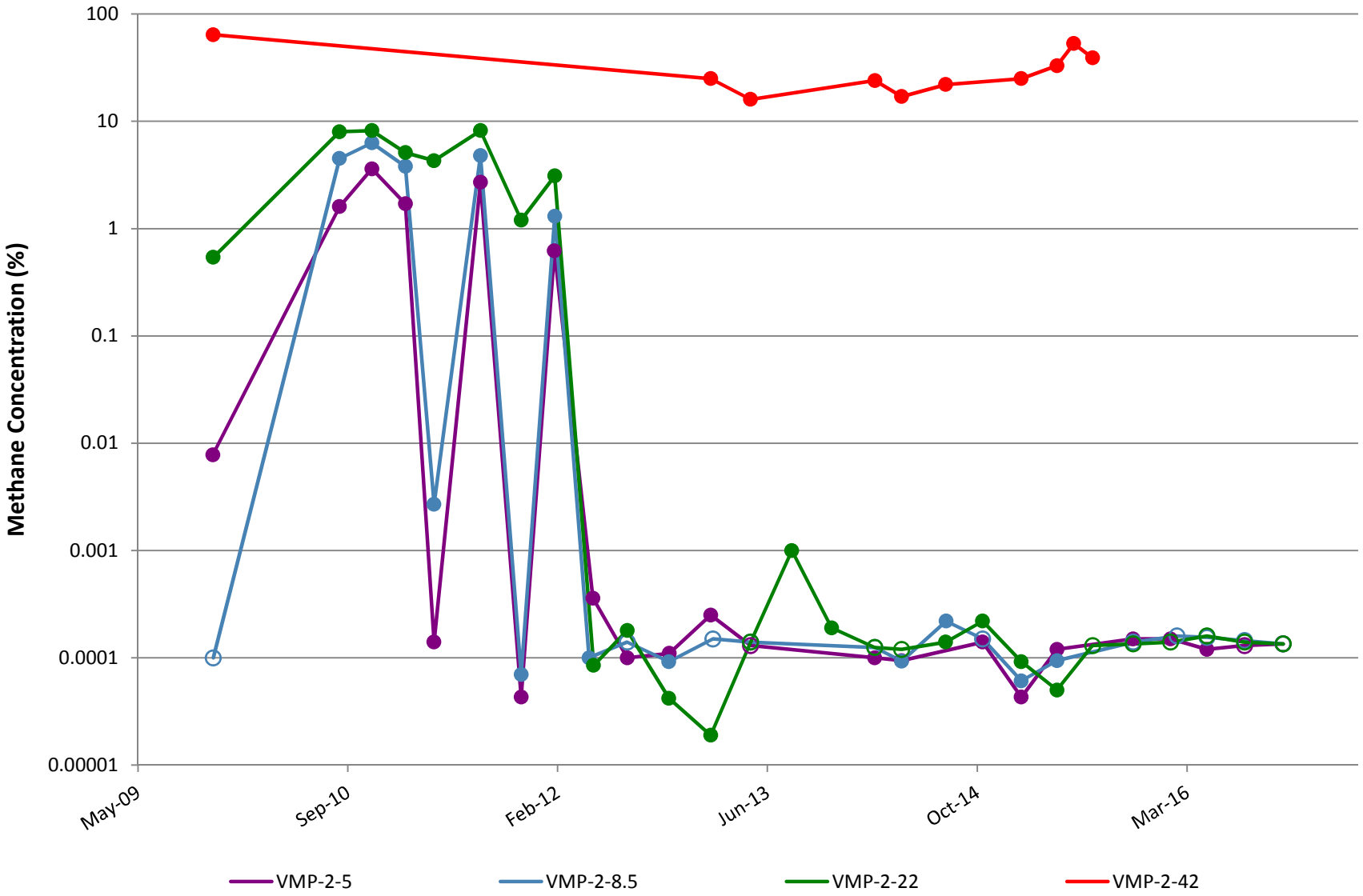
VMP-1

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



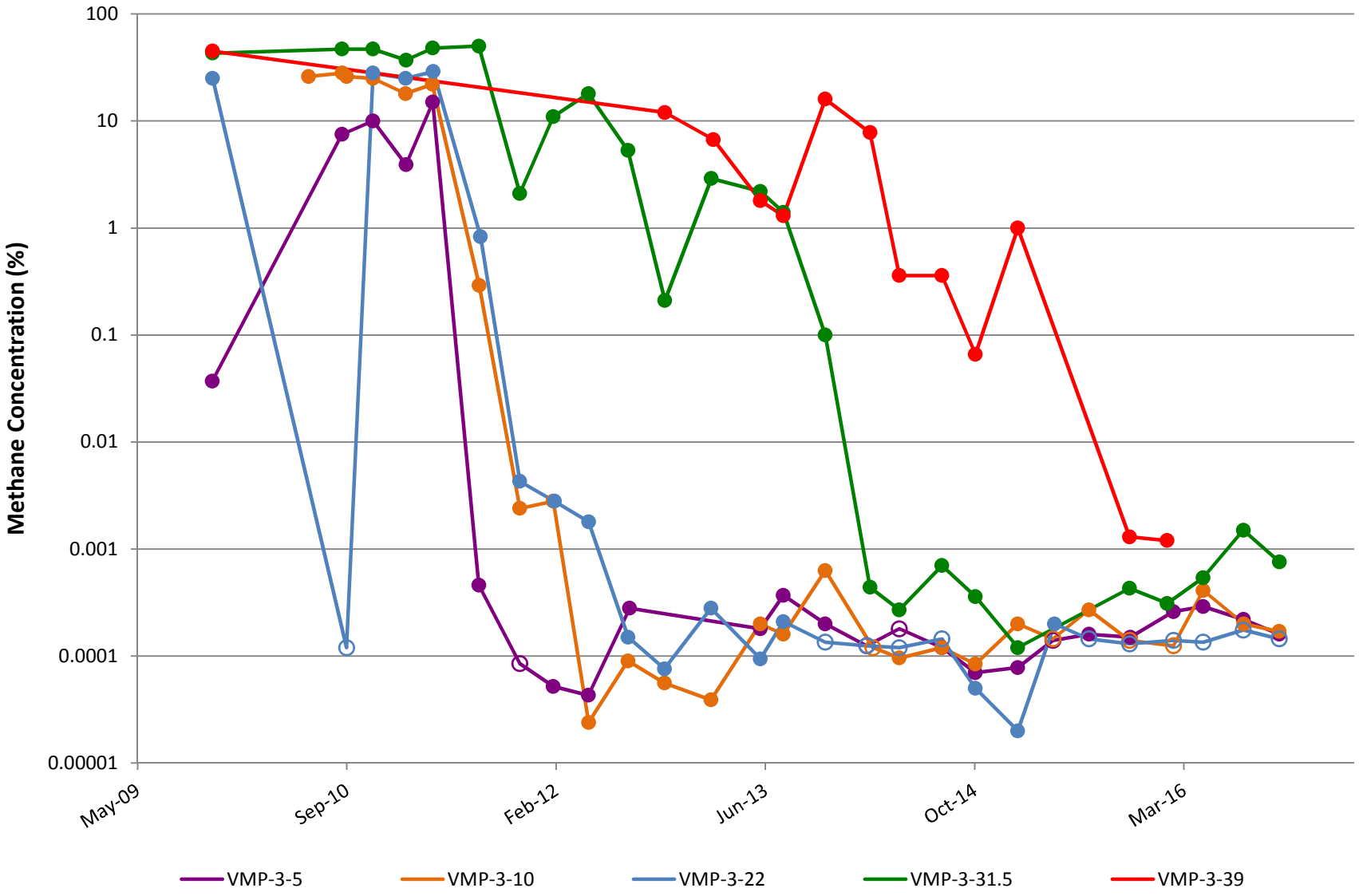
VMP-2

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



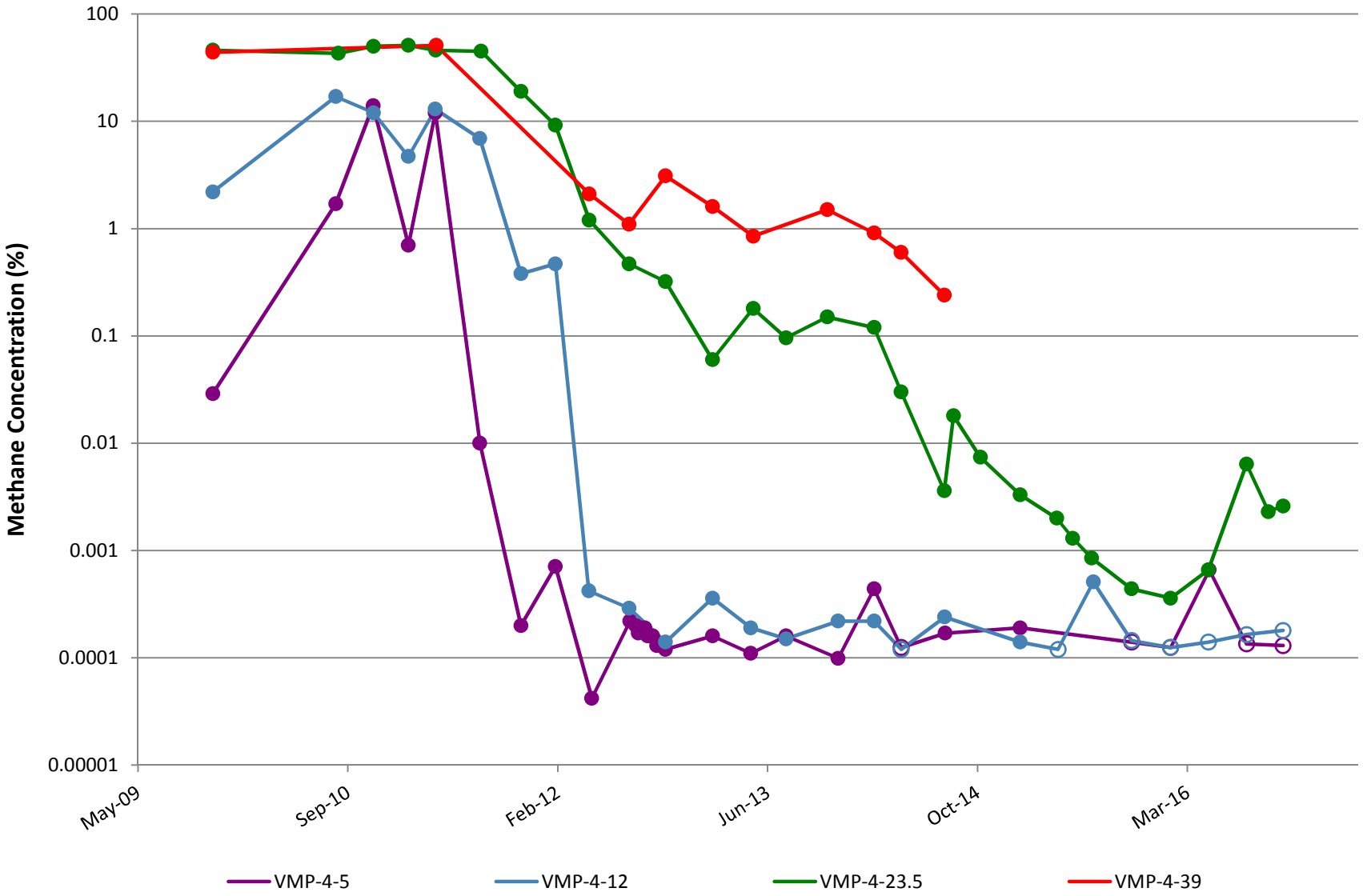
VMP-3

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



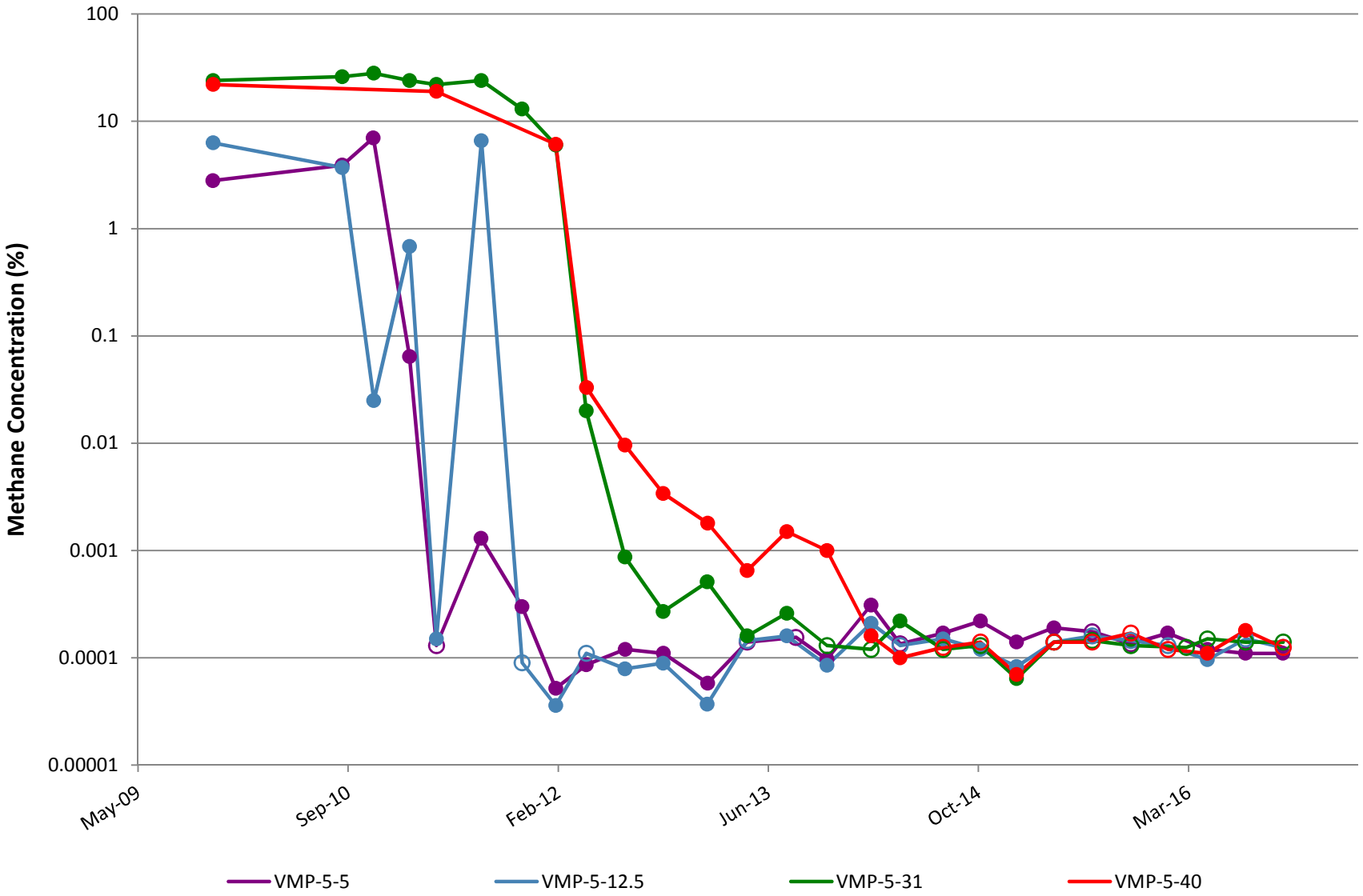
VMP-4

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



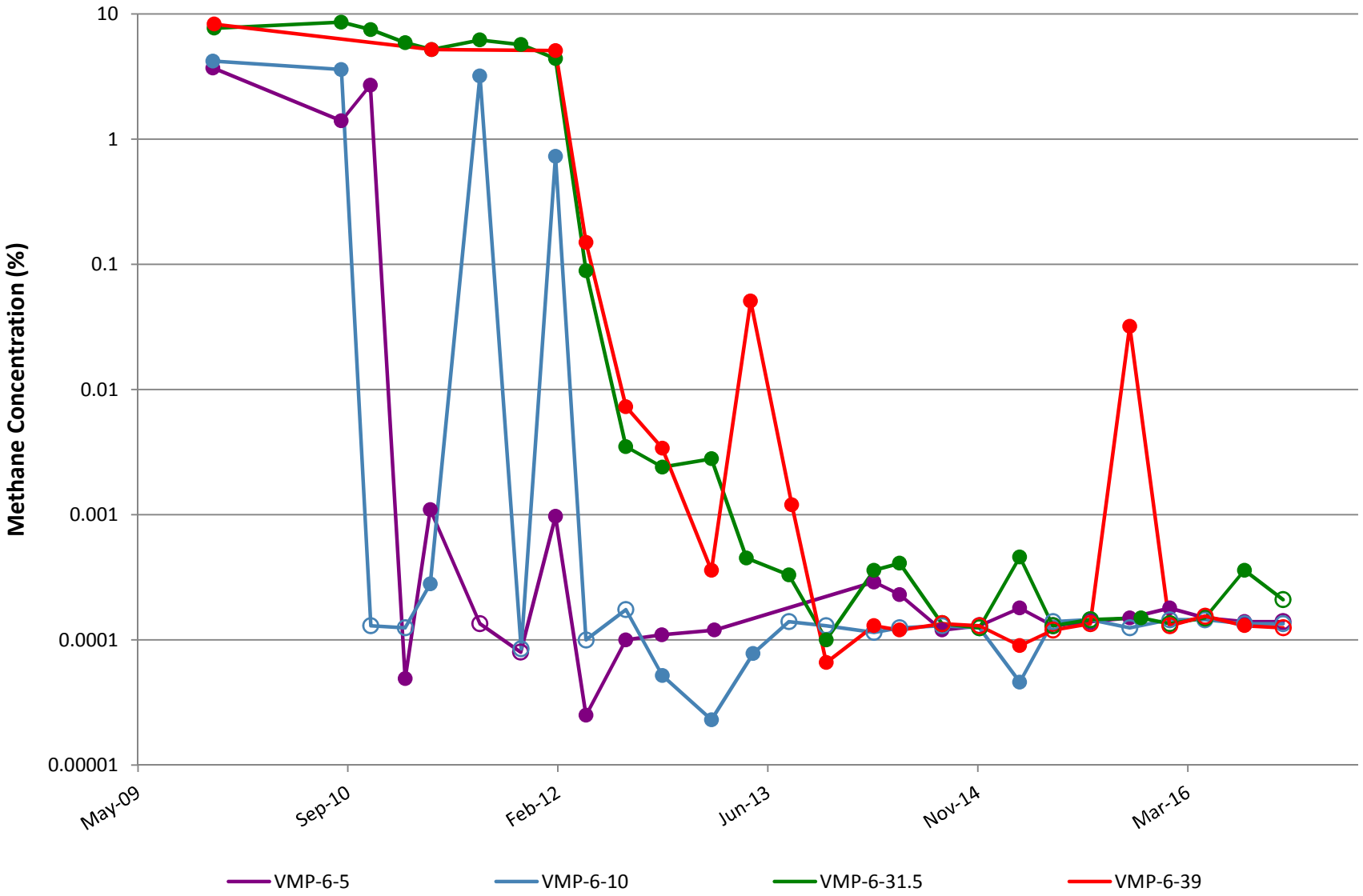
VMP-5

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



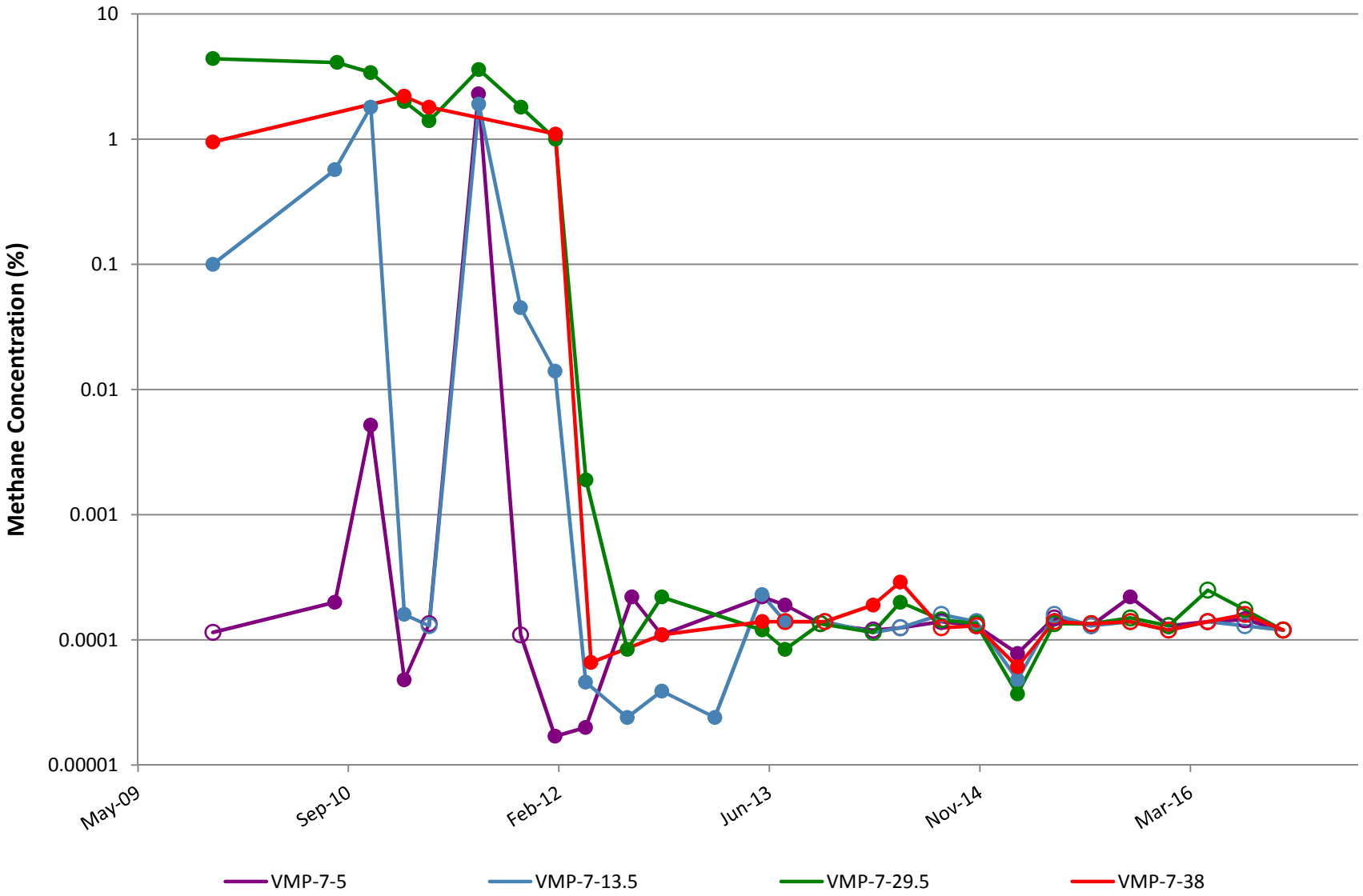
VMP-6

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



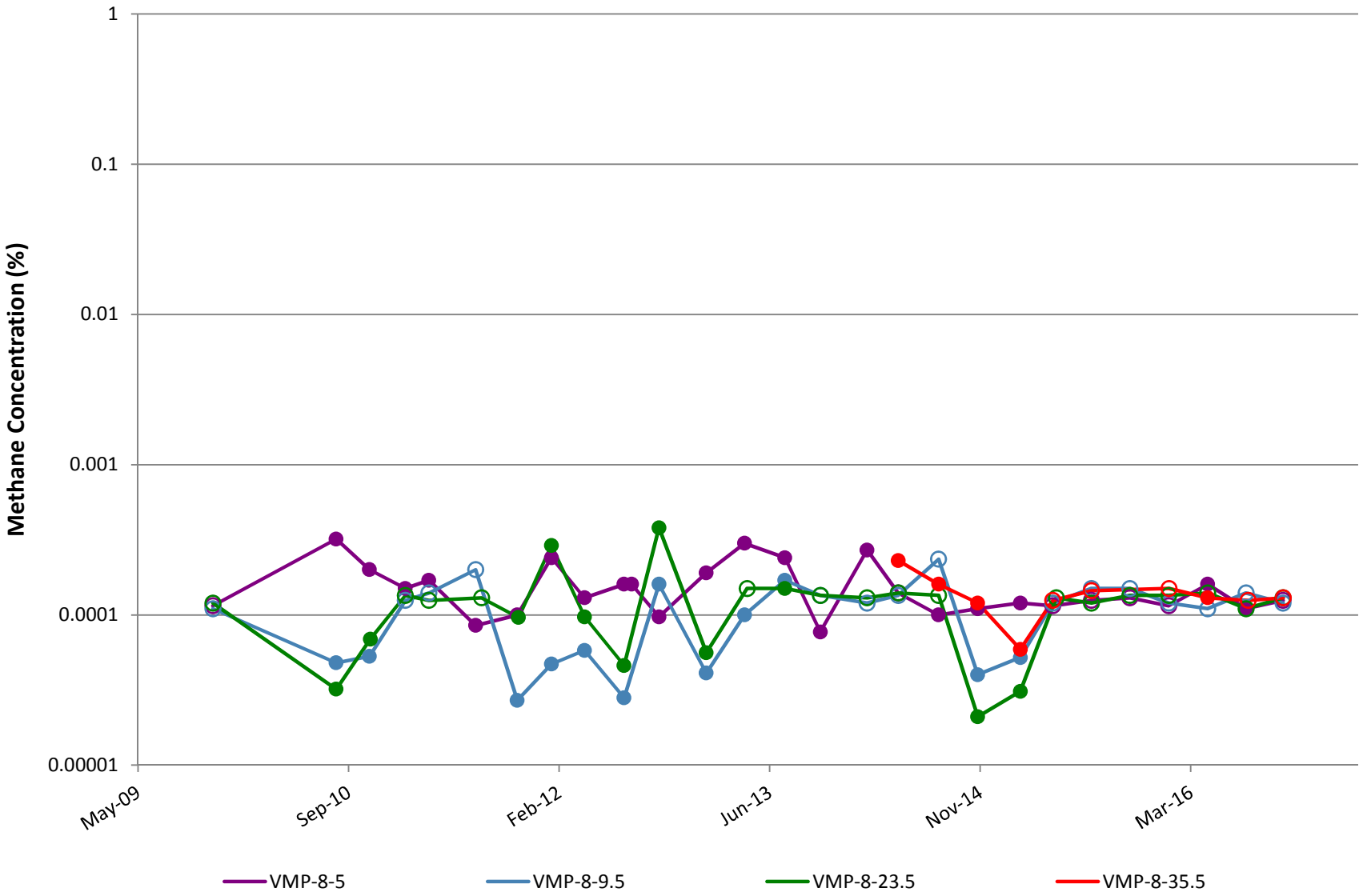
VMP-7

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



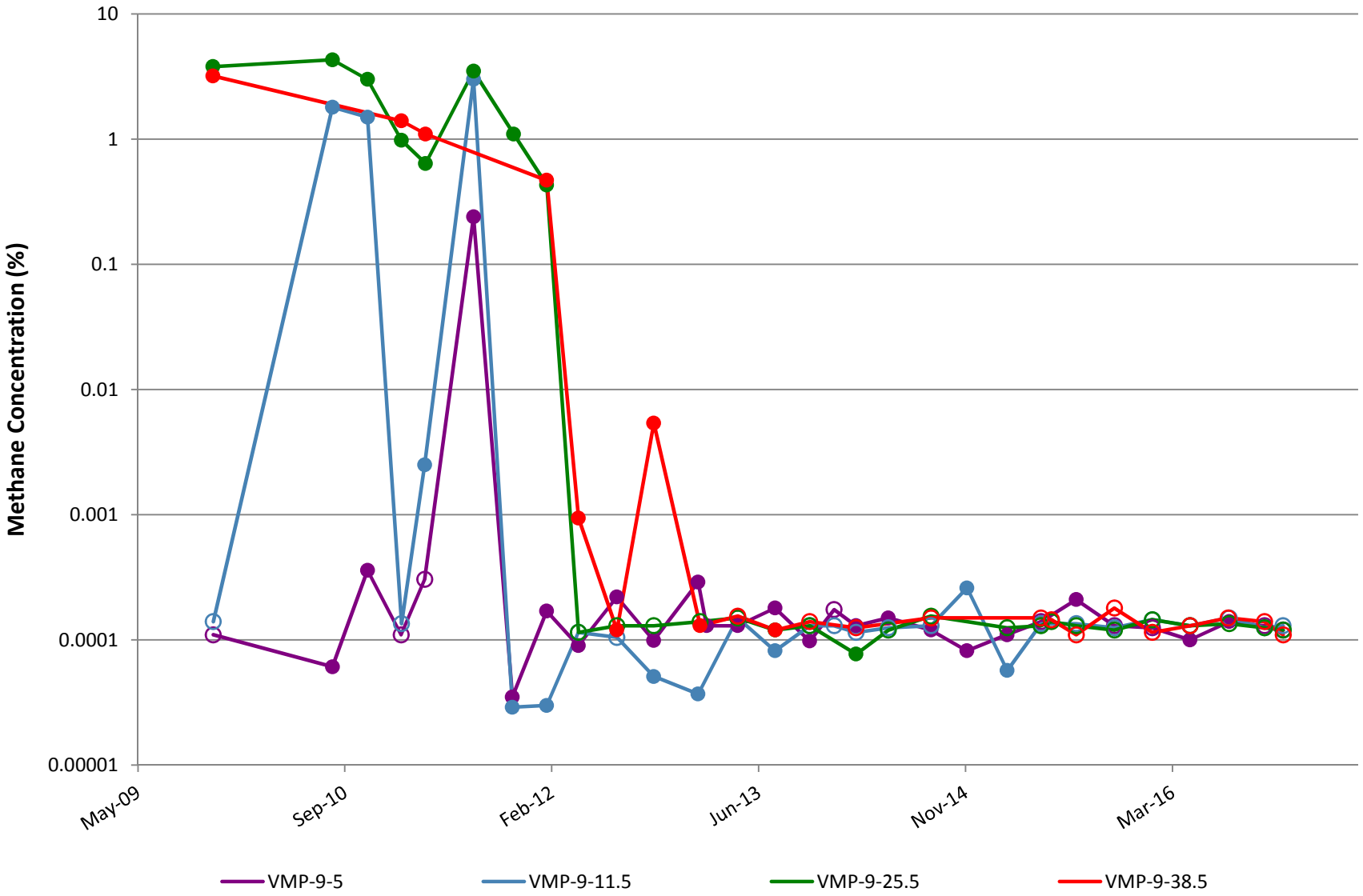
VMP-8

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



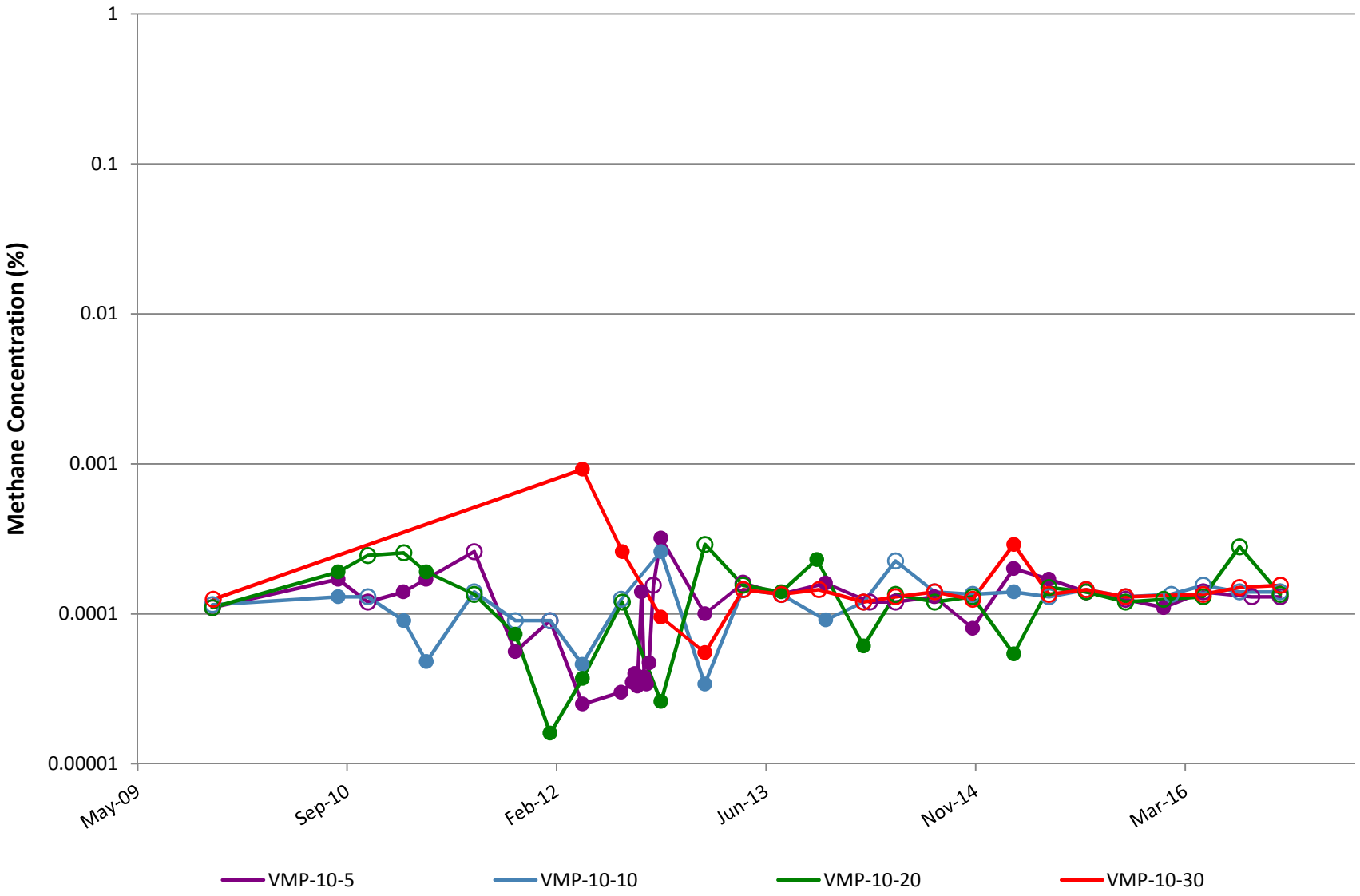
VMP-9

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



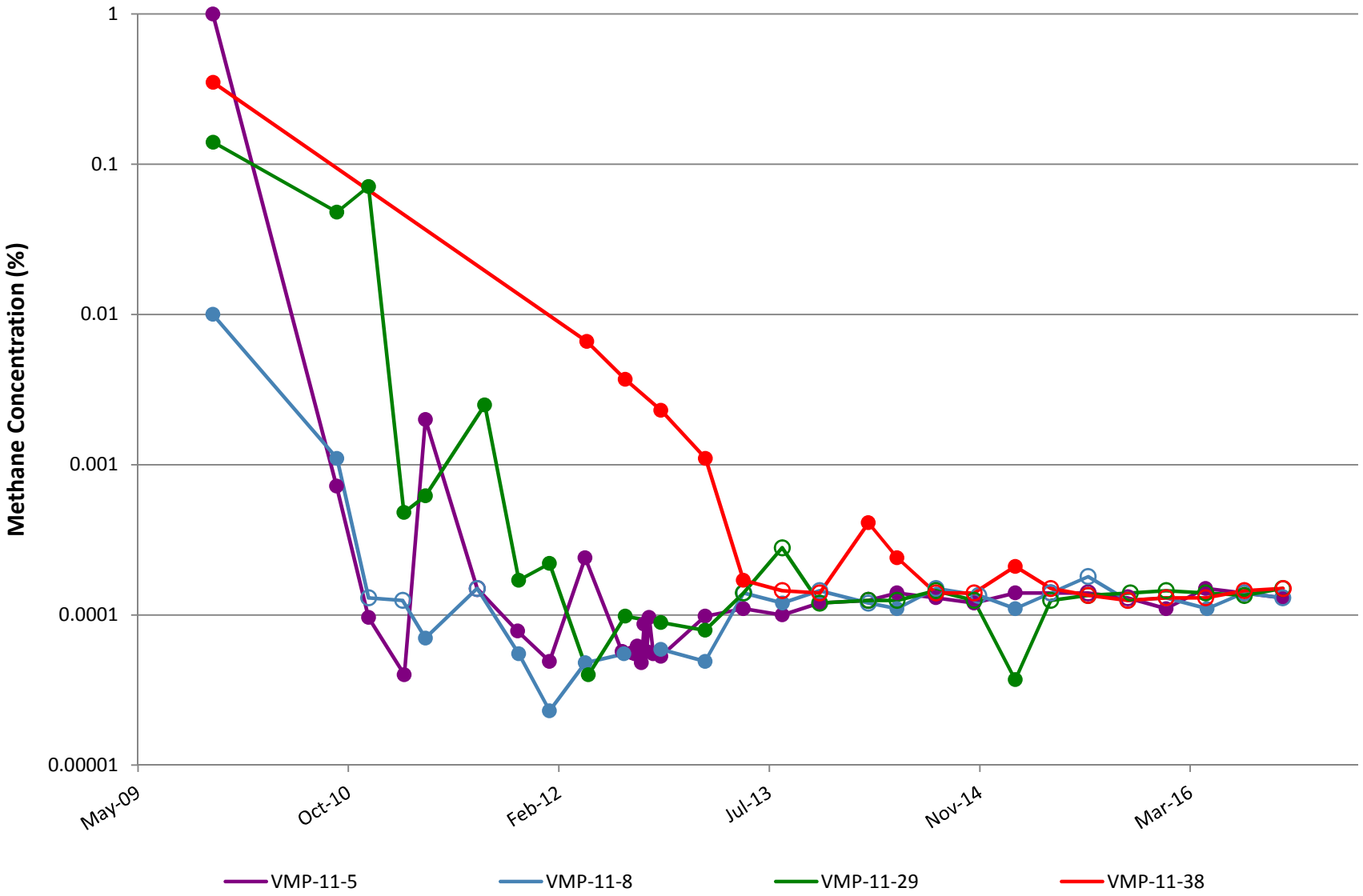
VMP-10

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



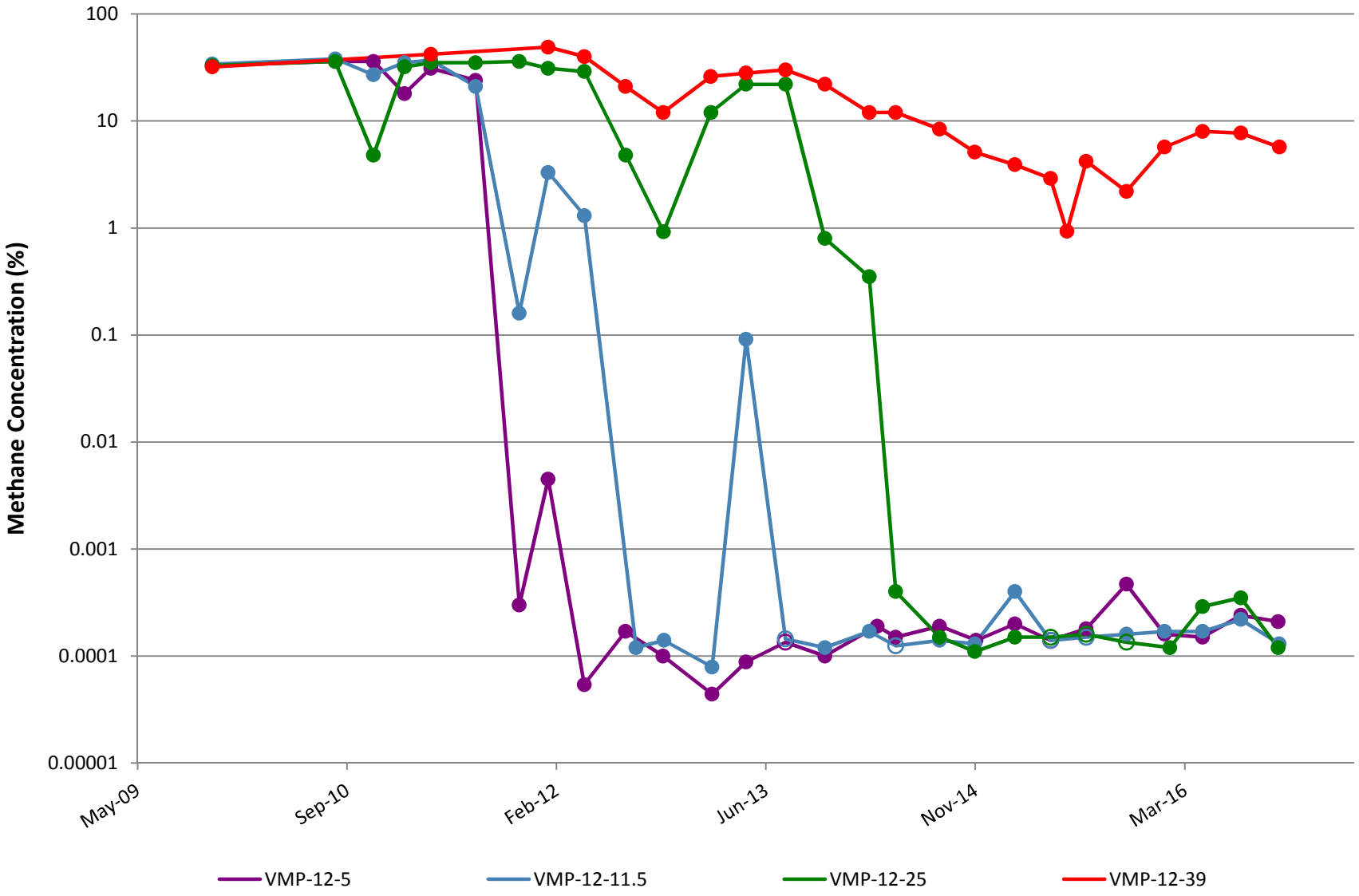
VMP-11

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



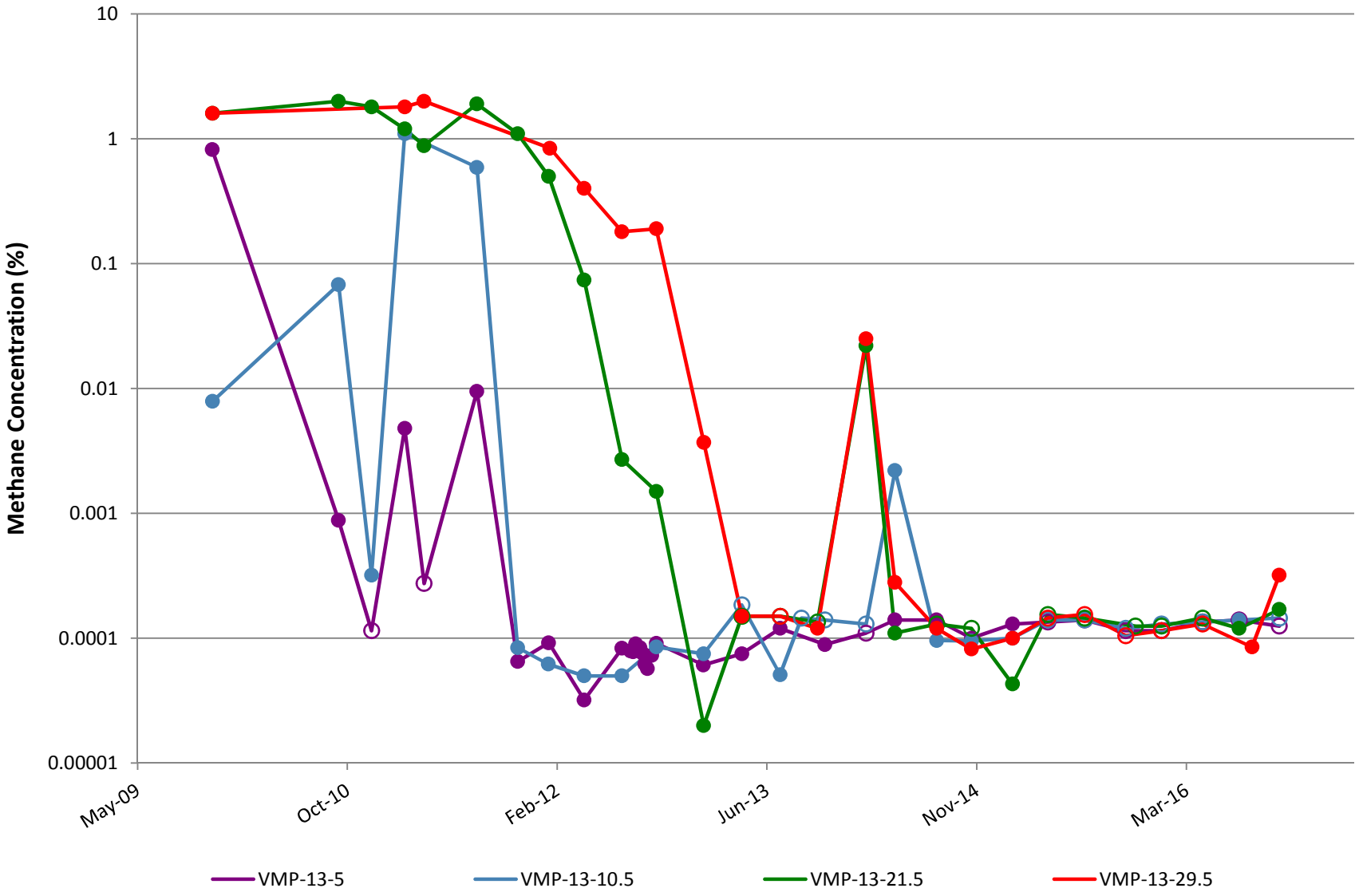
VMP-12

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



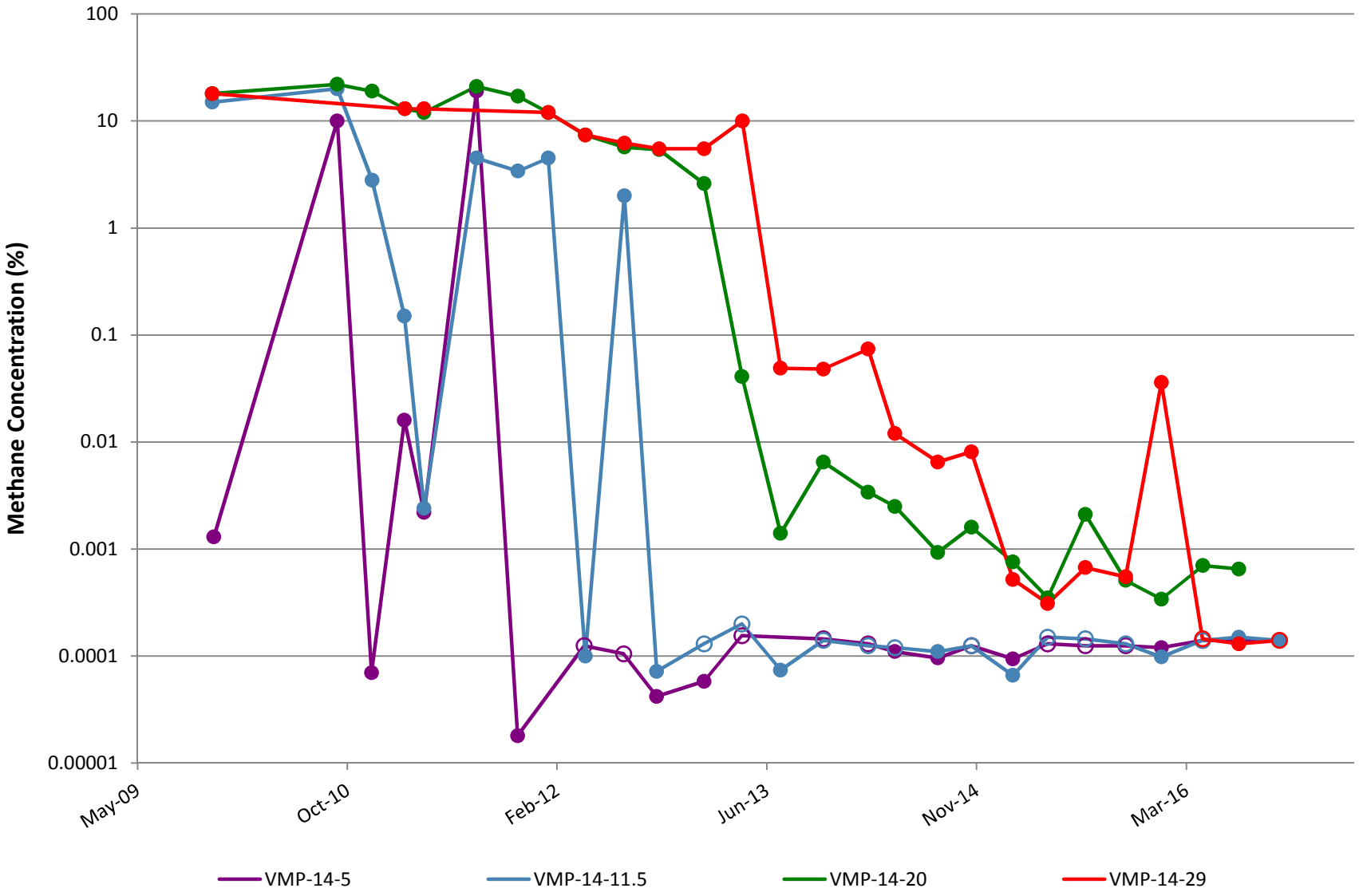
VMP-13

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



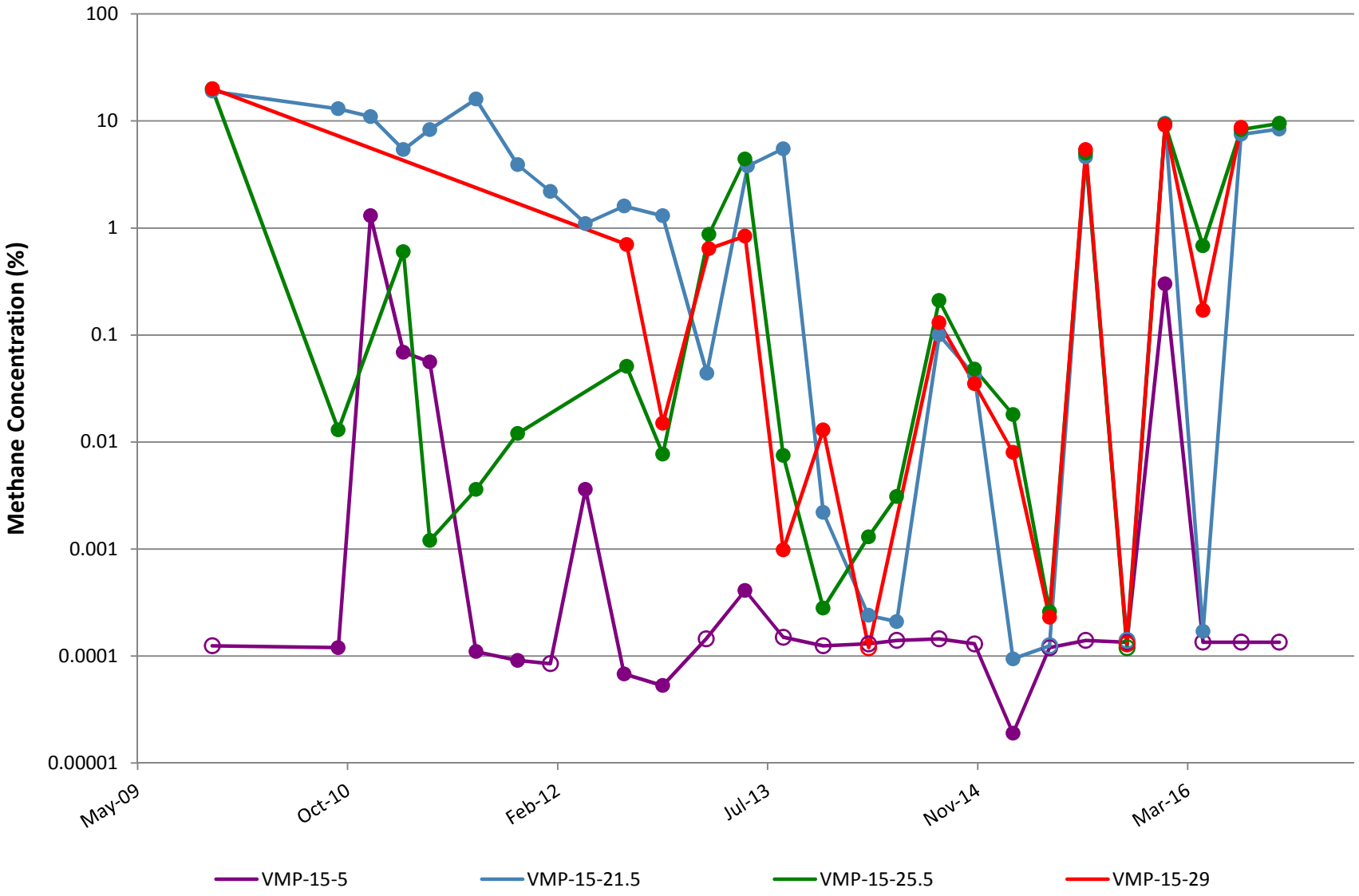
VMP-14

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



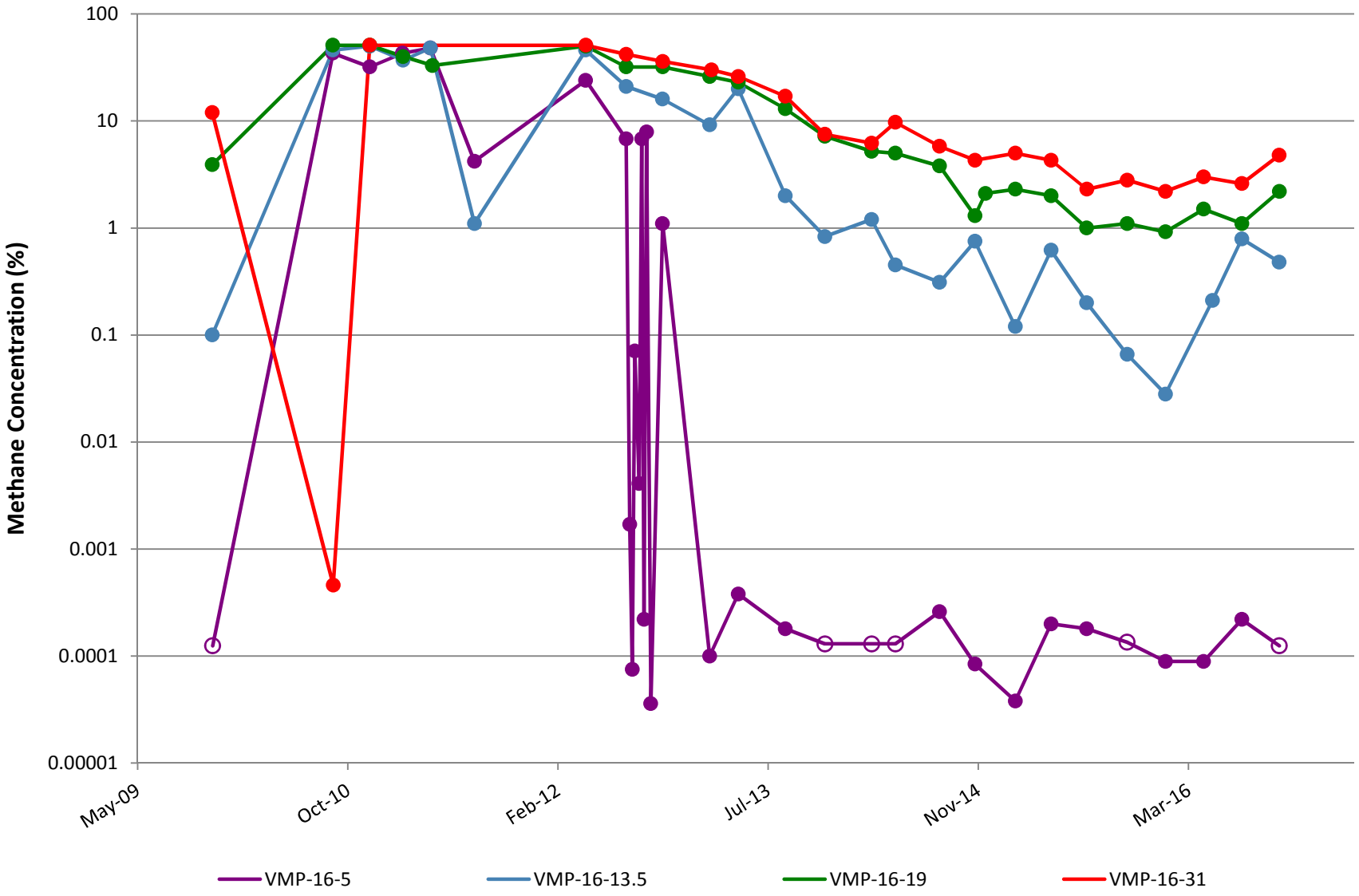
VMP-15

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



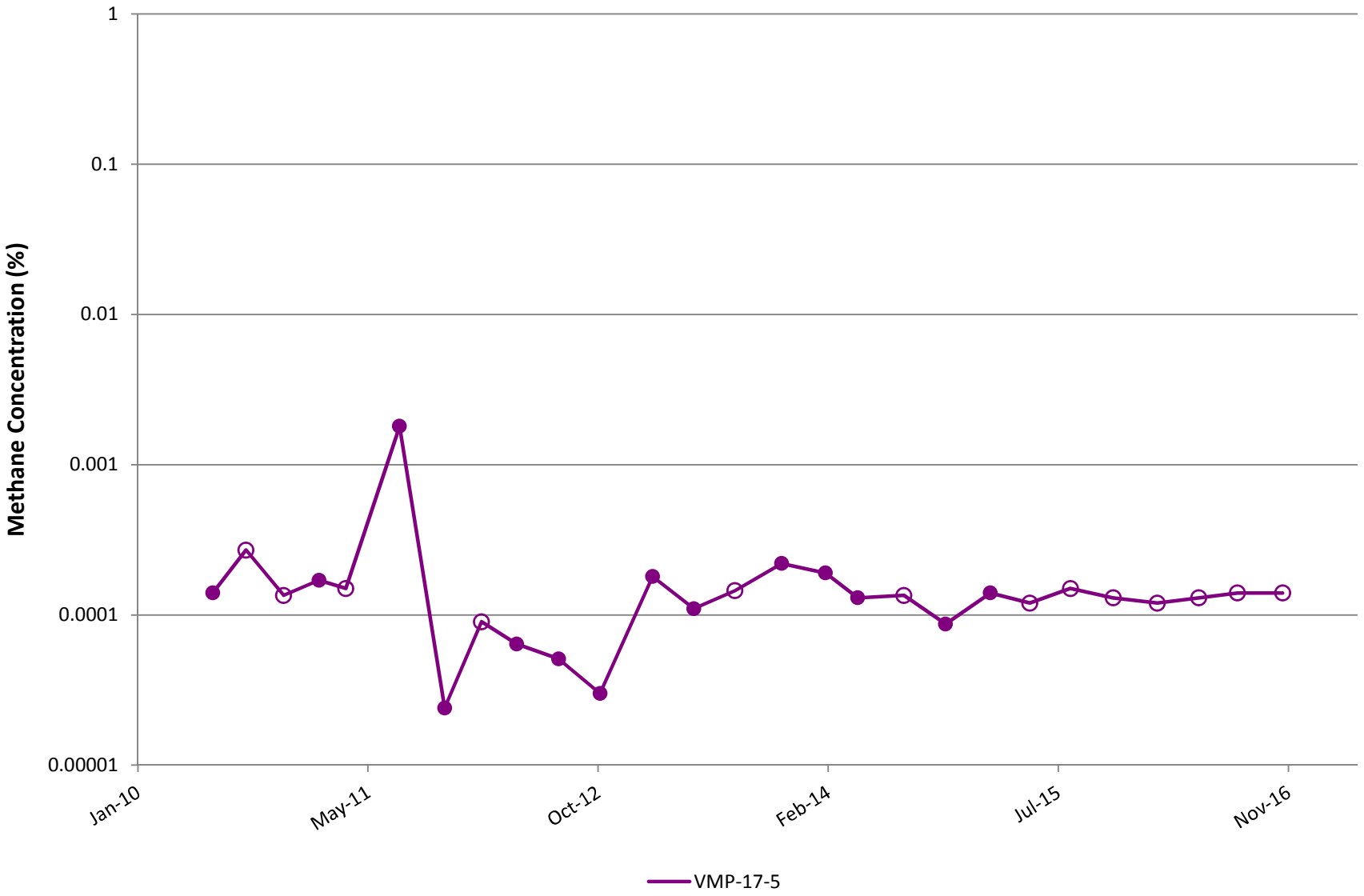
VMP-16

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



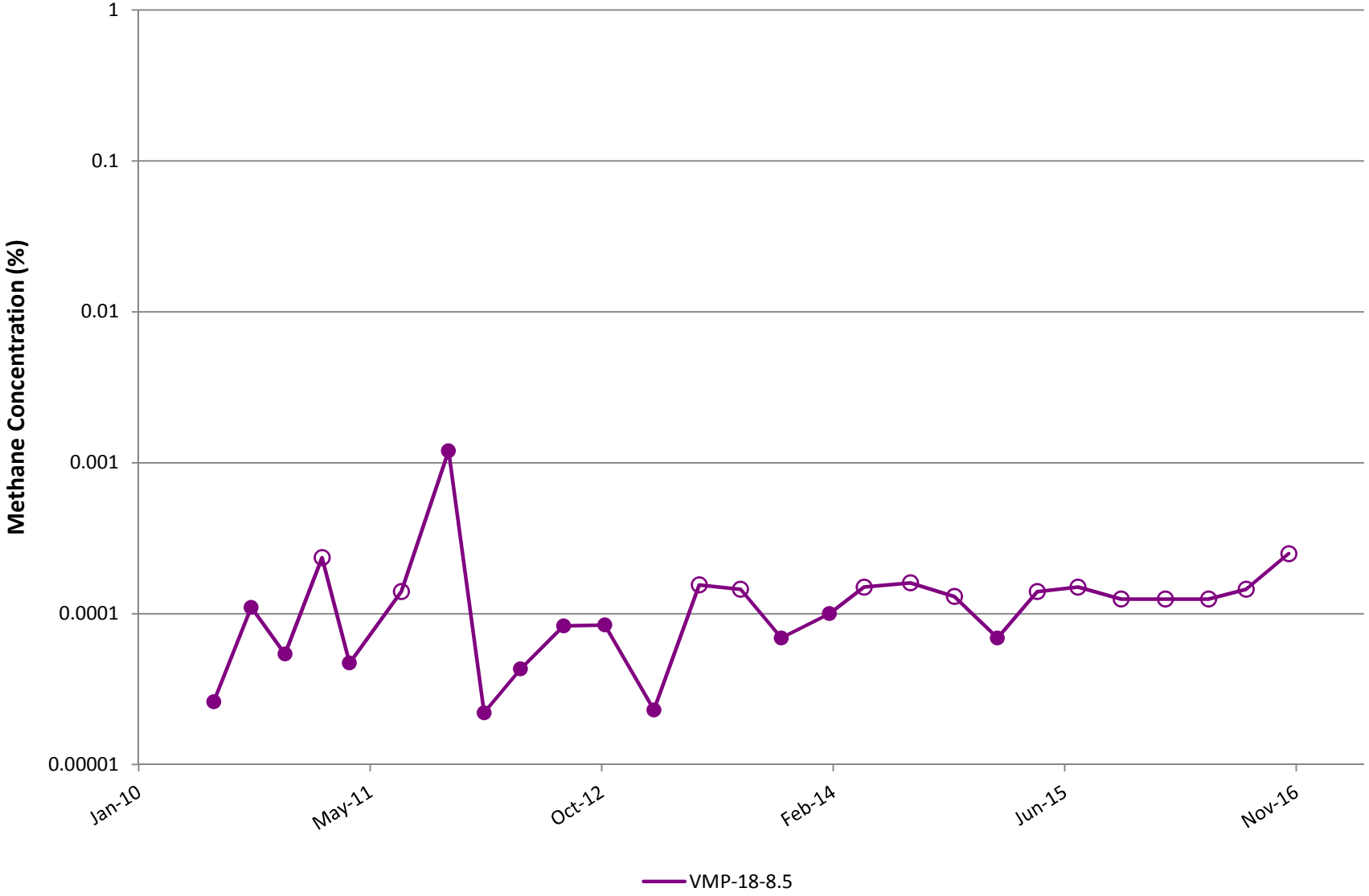
VMP-17

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



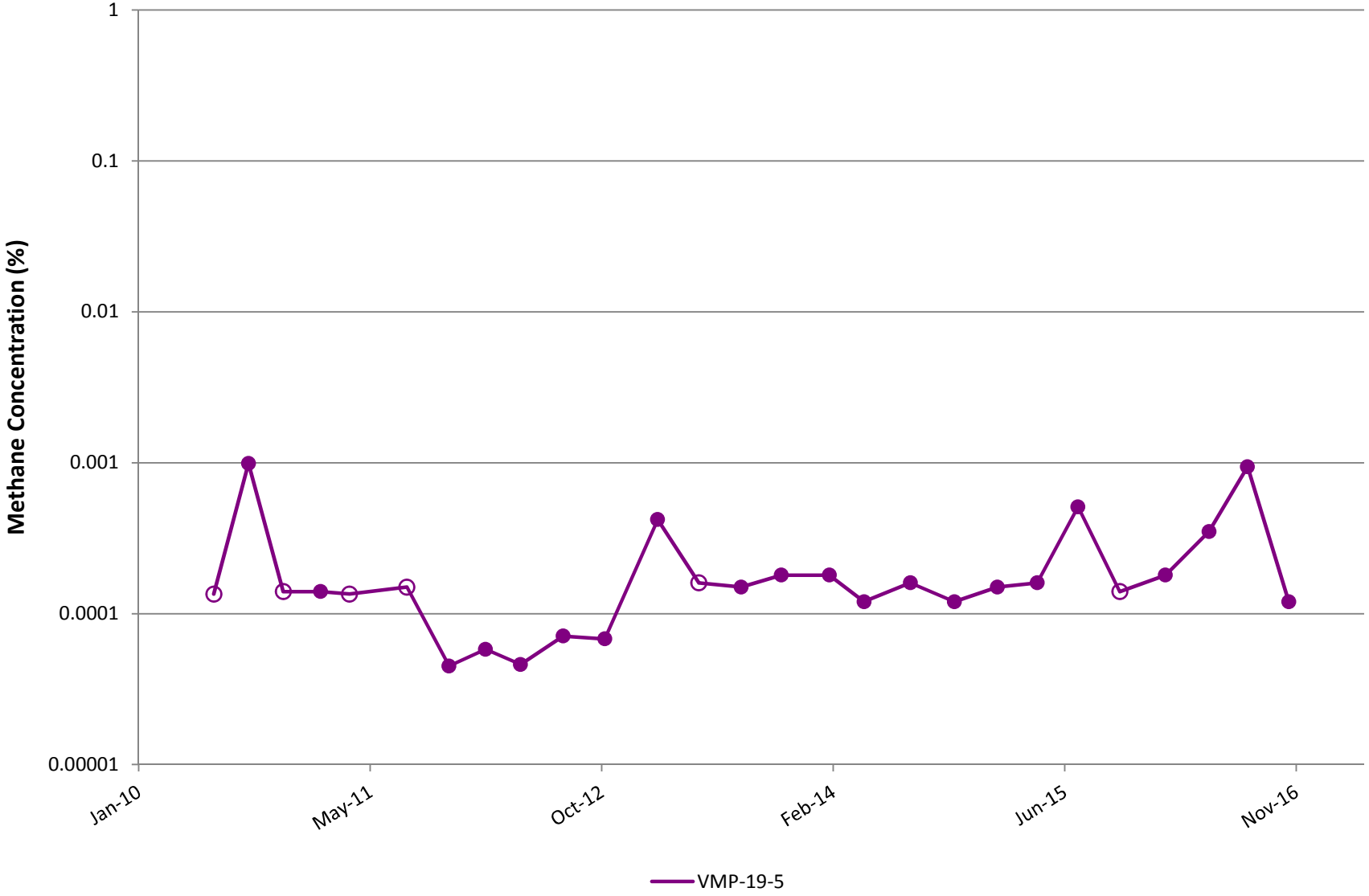
VMP-18

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



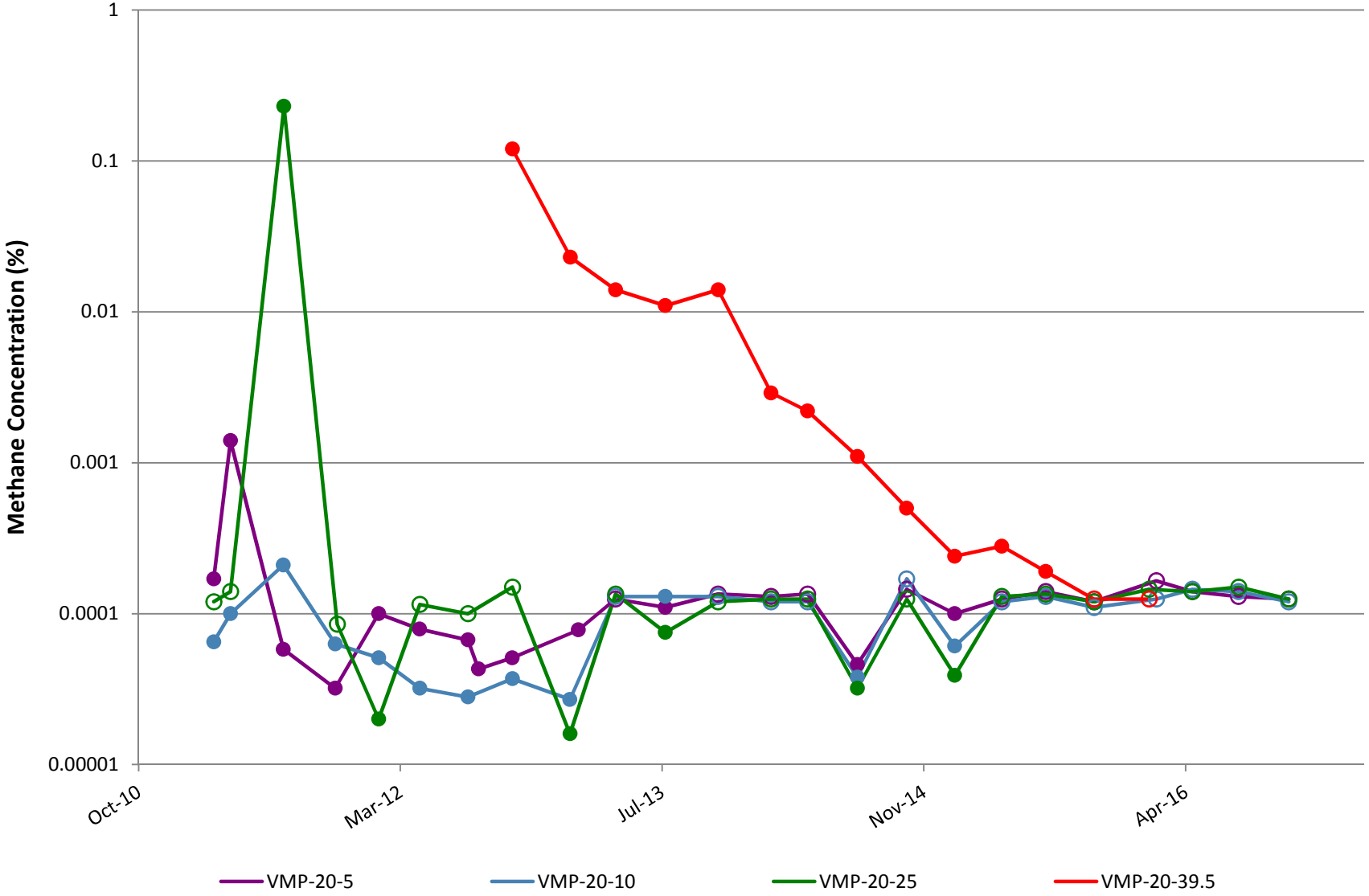
VMP-19

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



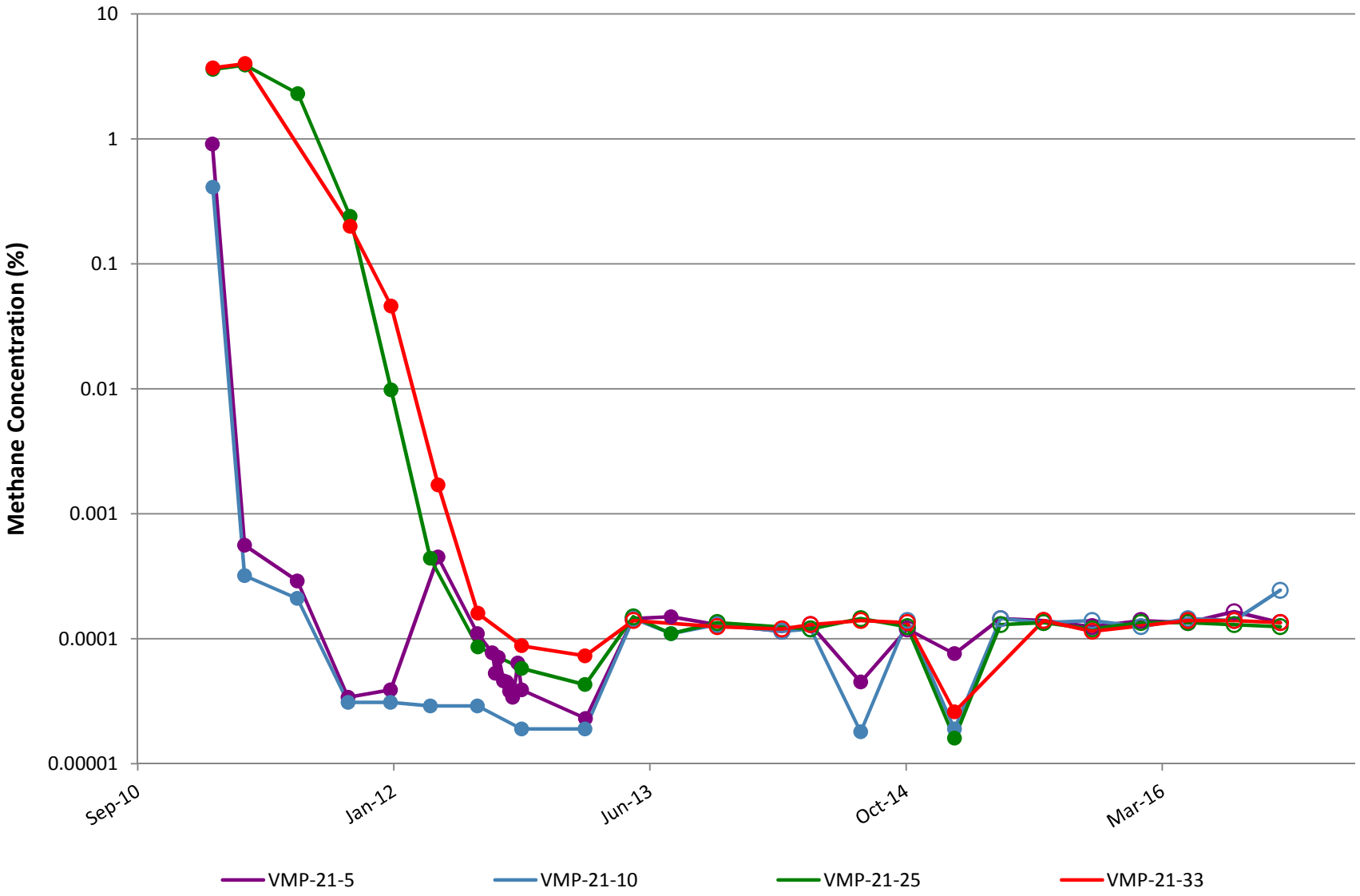
VMP-20

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



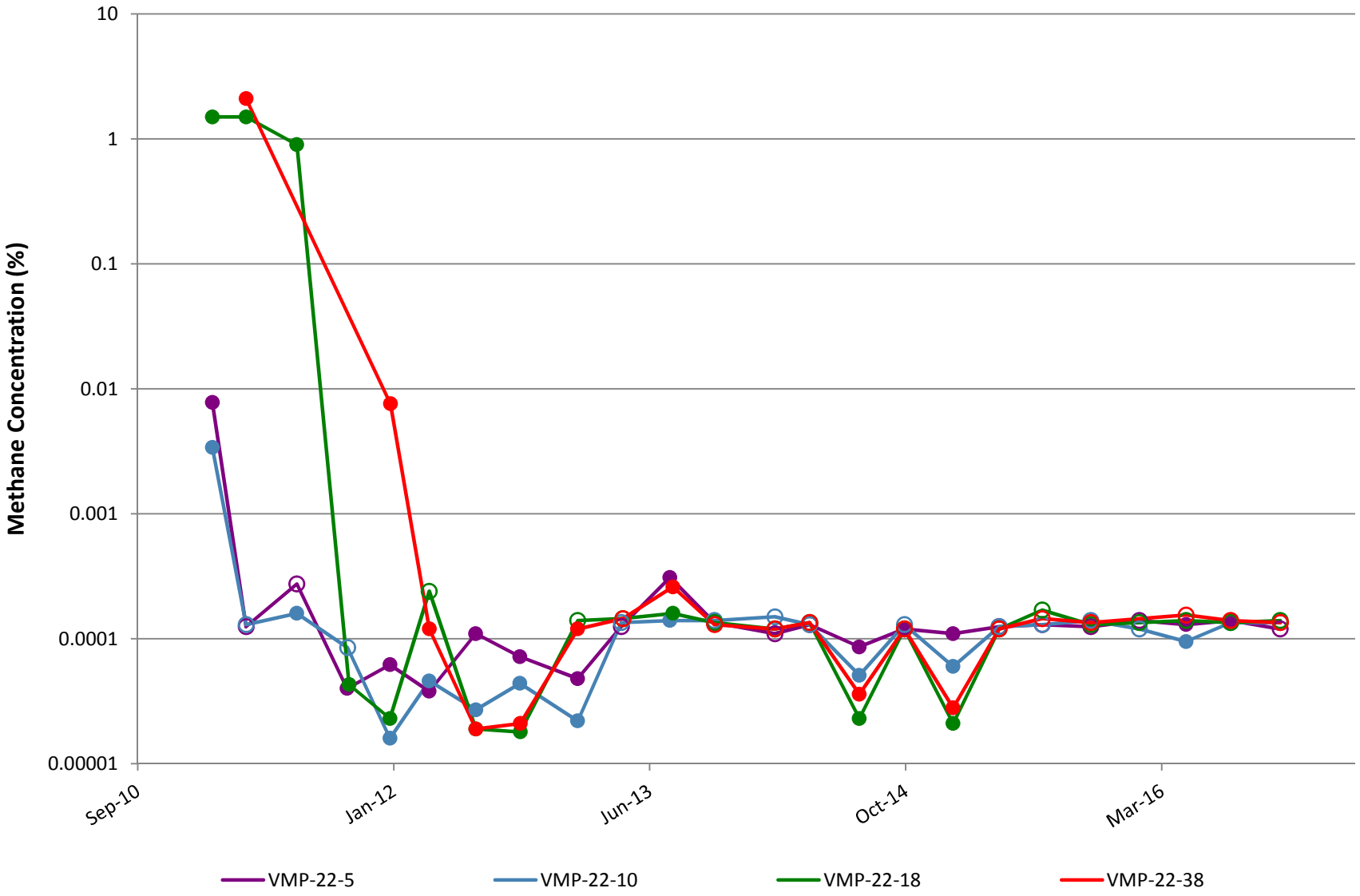
VMP-21

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



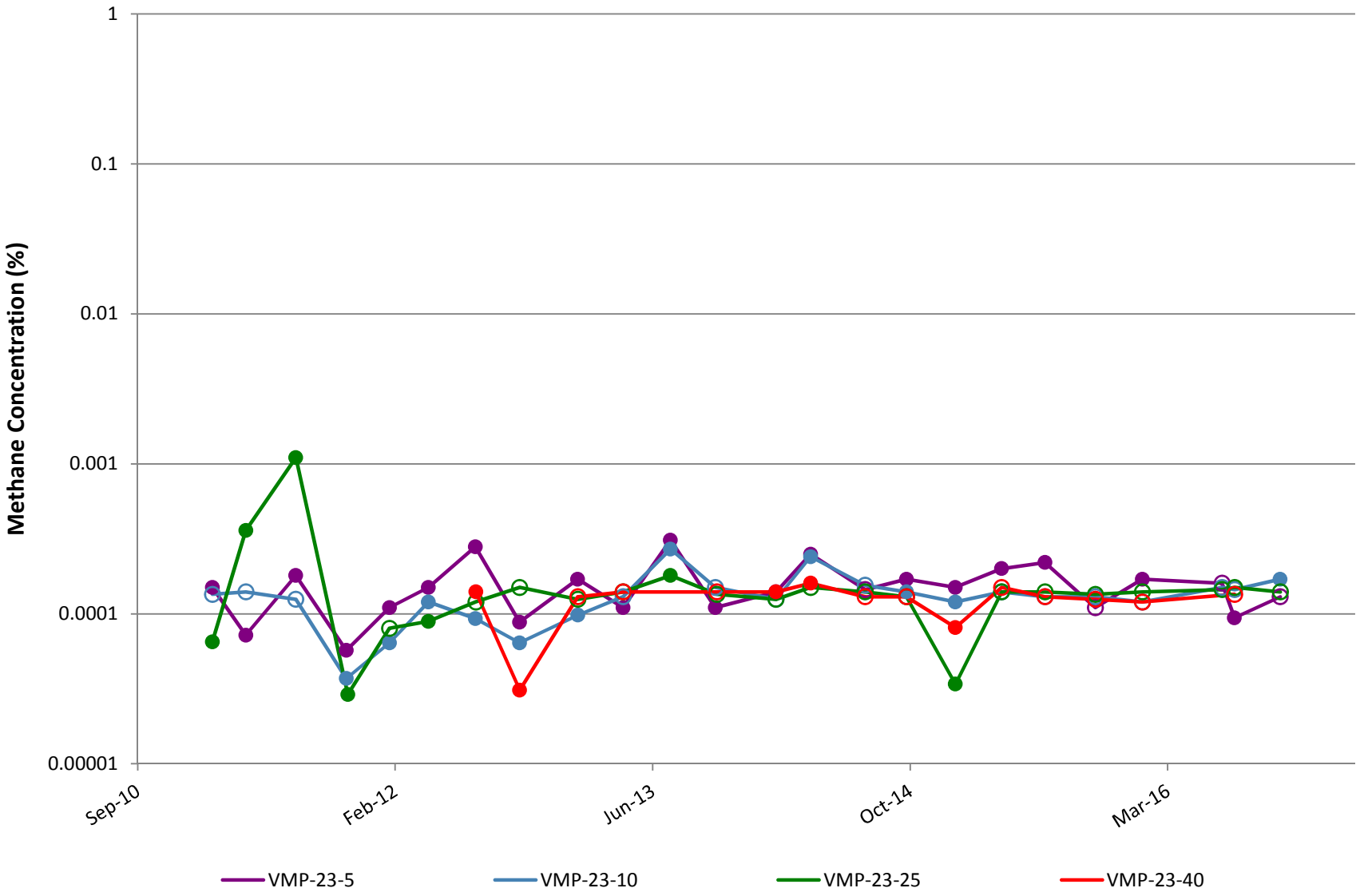
VMP-22

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



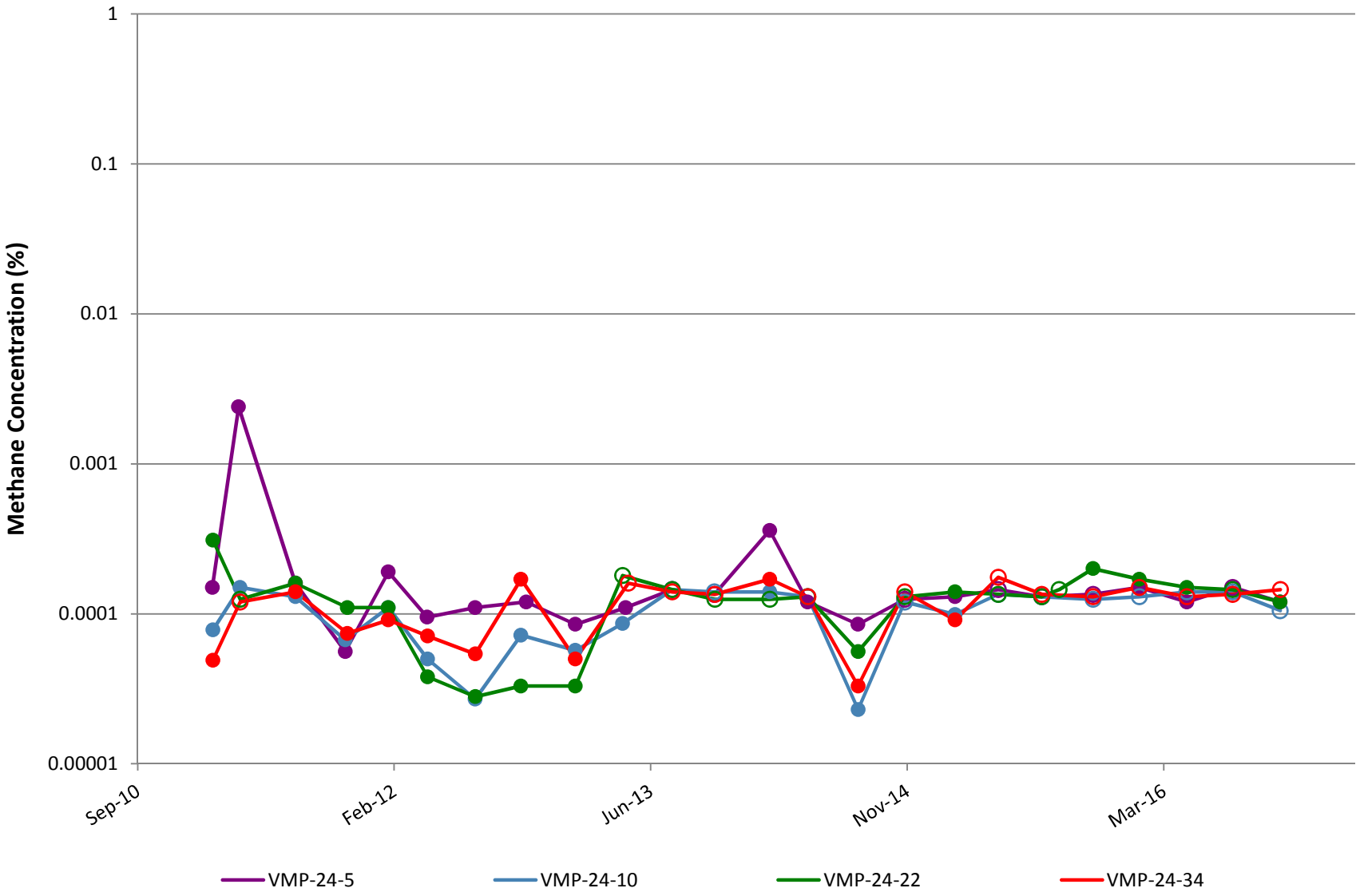
VMP-23

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



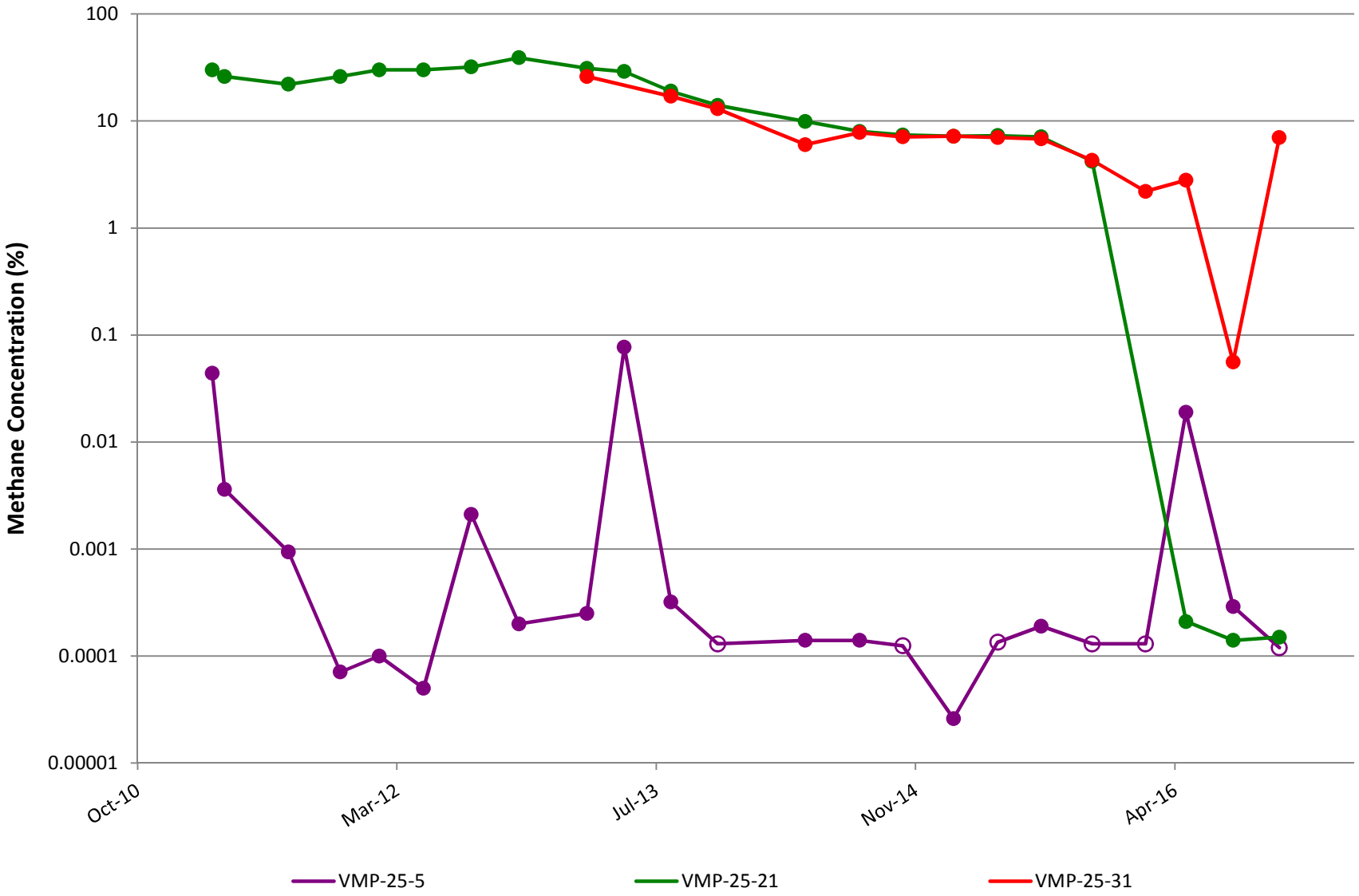
VMP-24

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



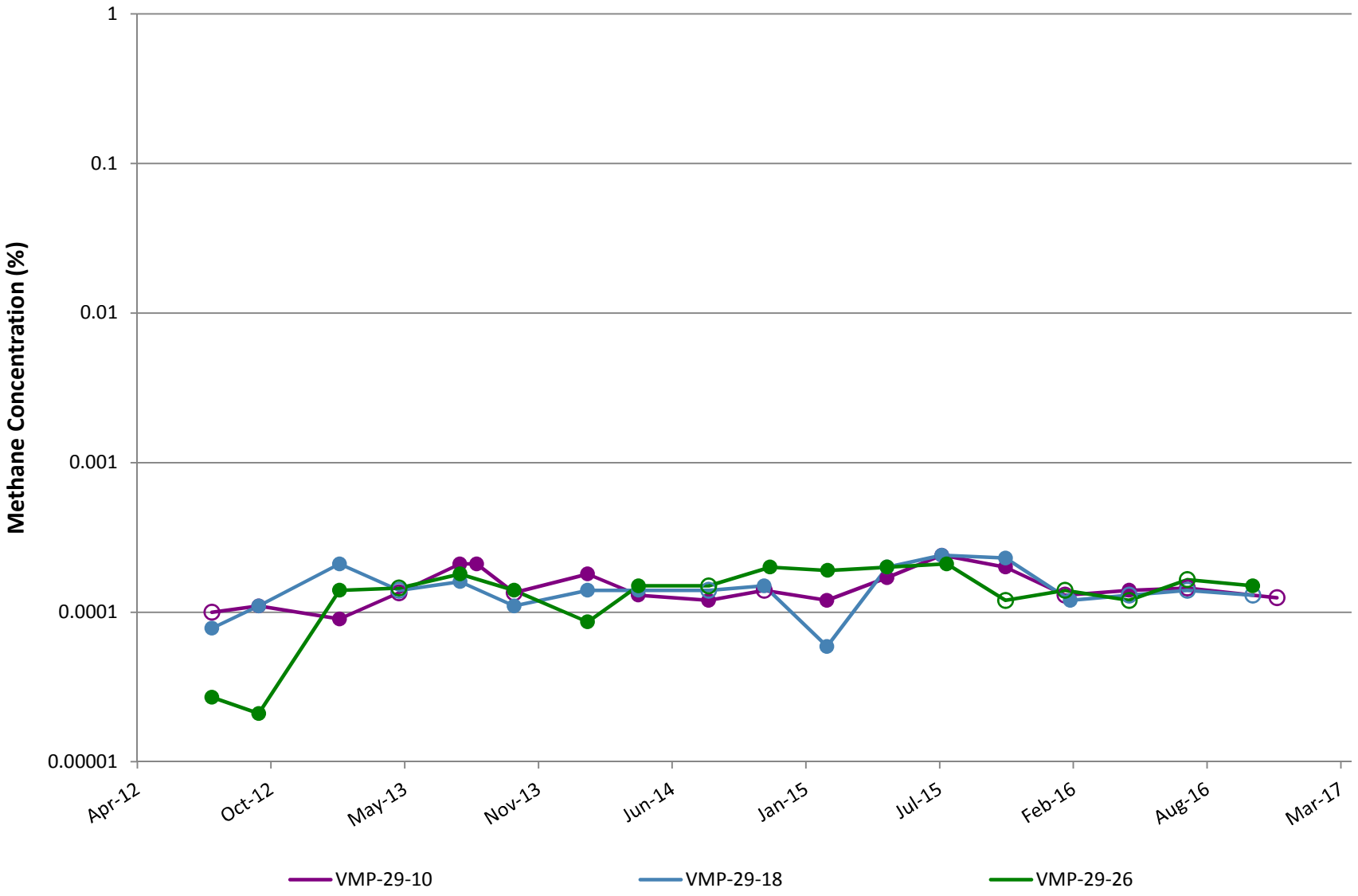
VMP-25

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



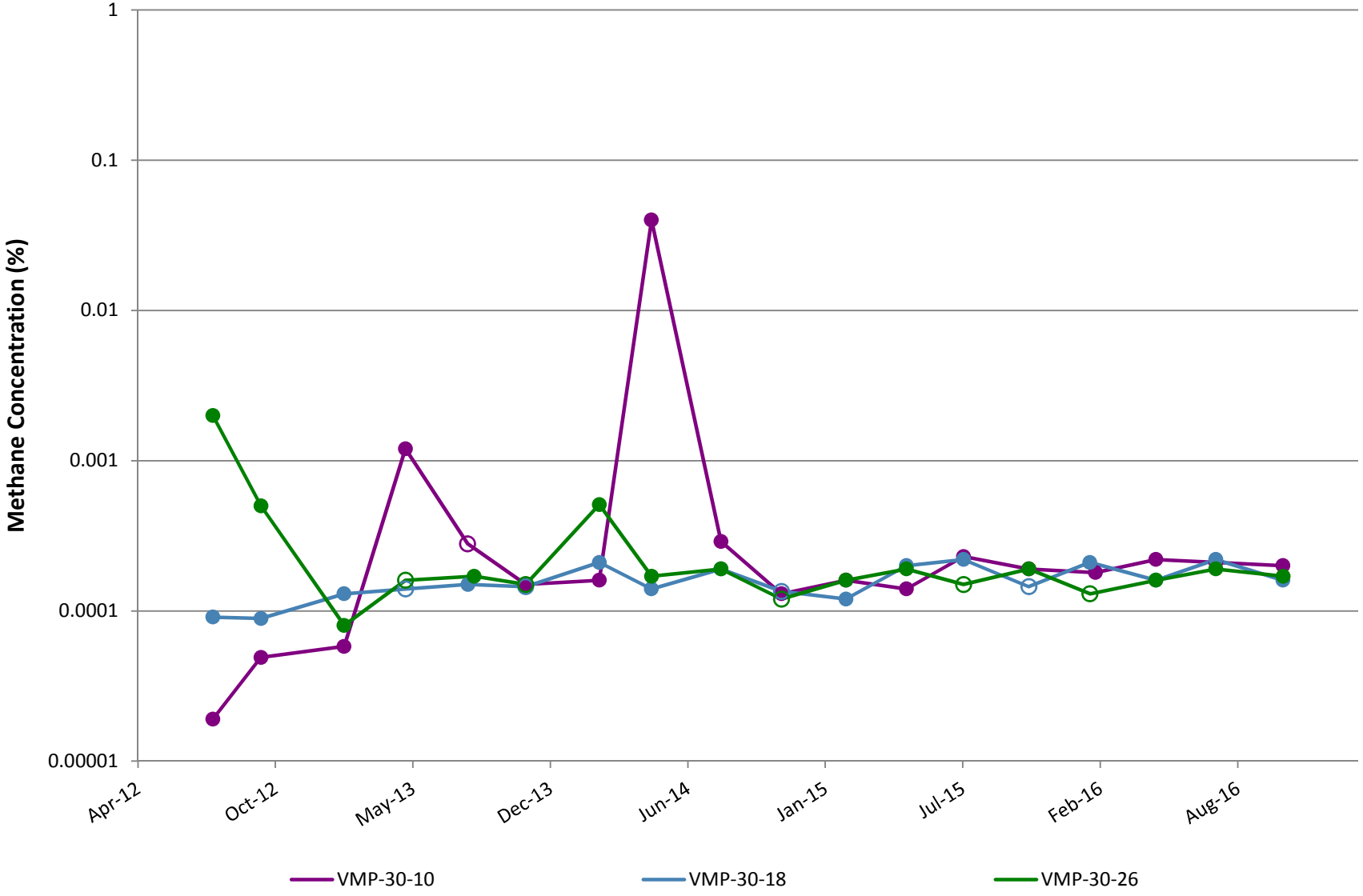
VMP-29

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



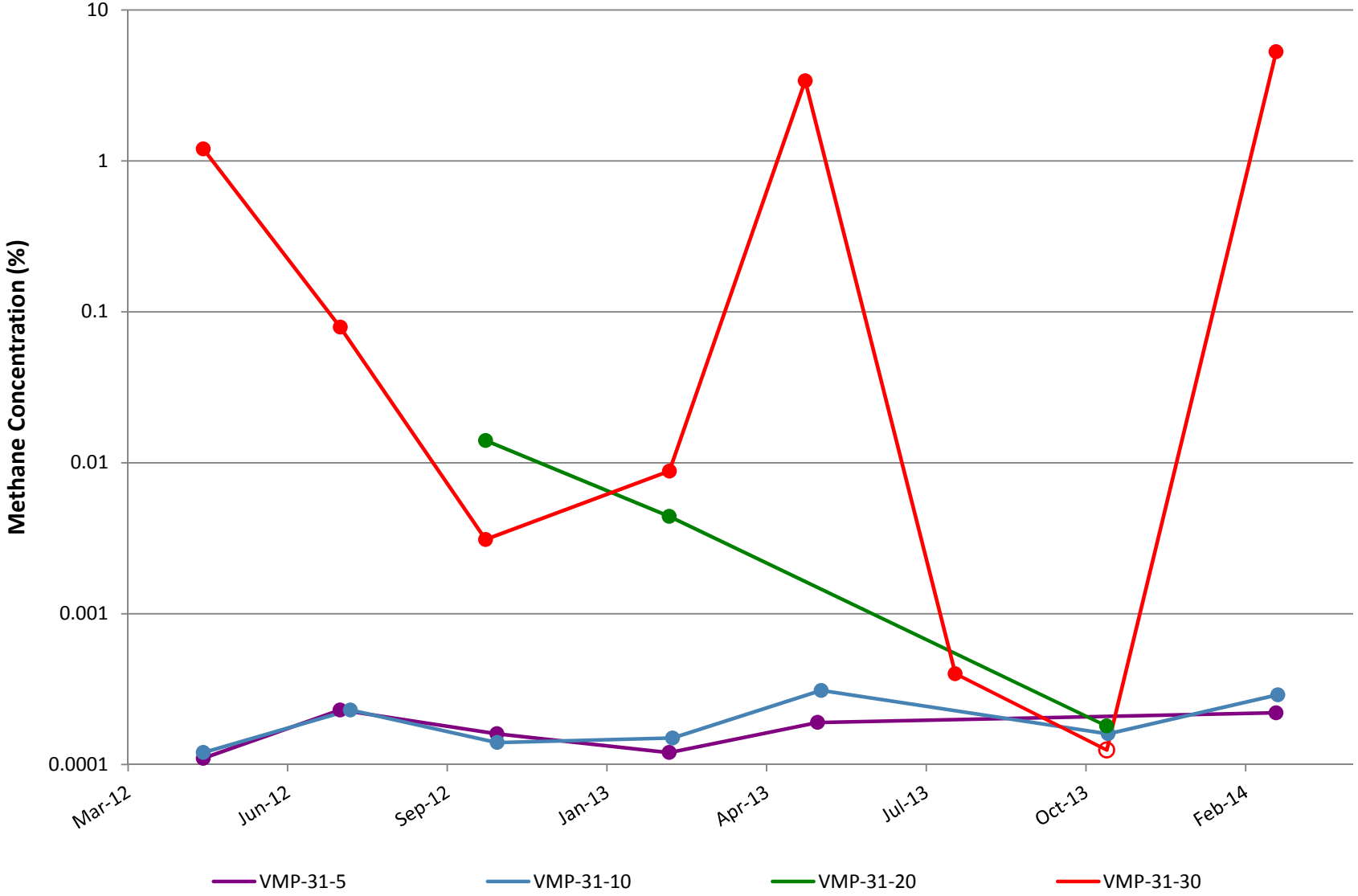
VMP-30

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



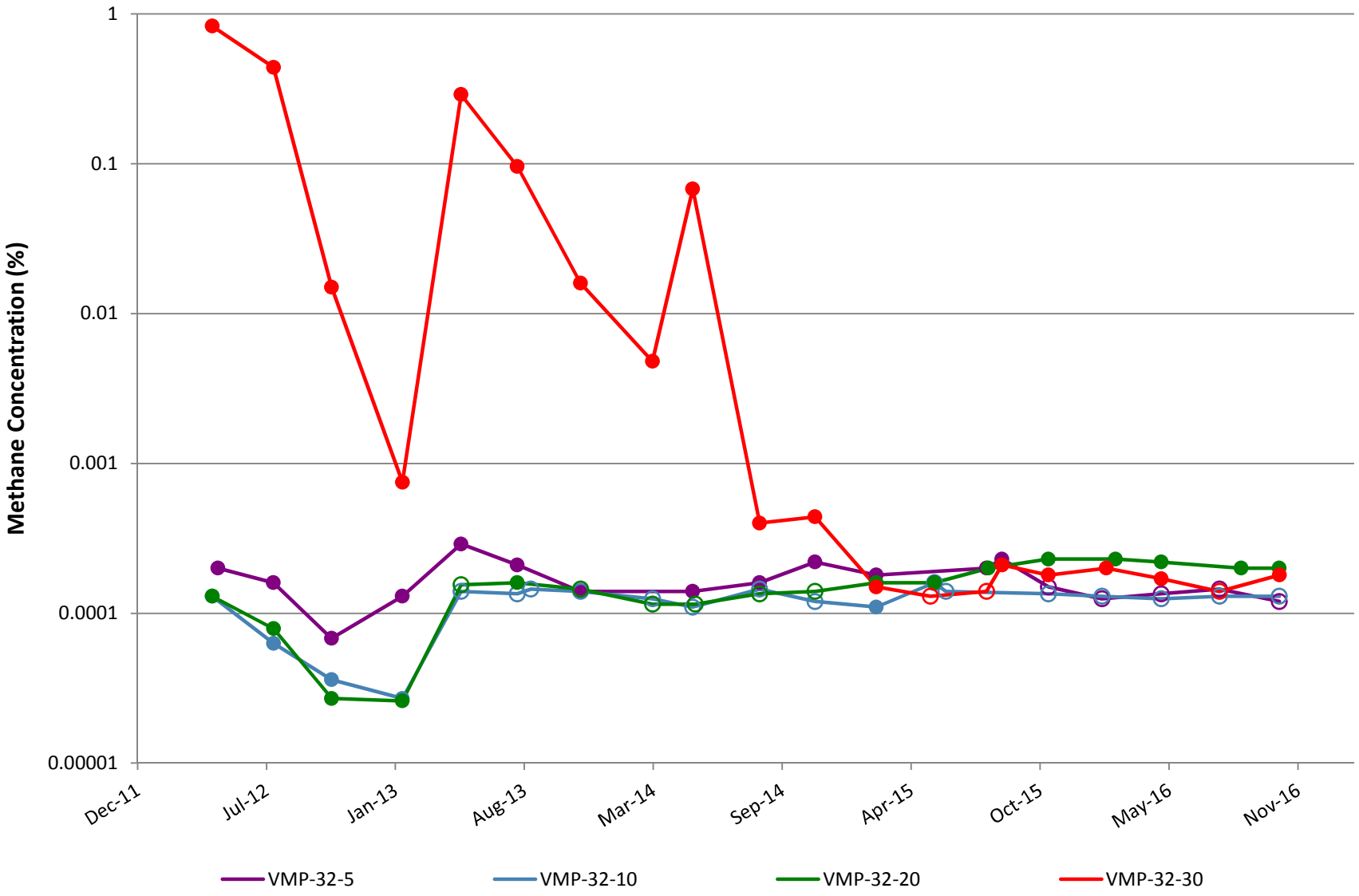
VMP-31

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL). VMP-31 was abandoned in 2Q14 after persistent helium issues and replaced by VMP-56.



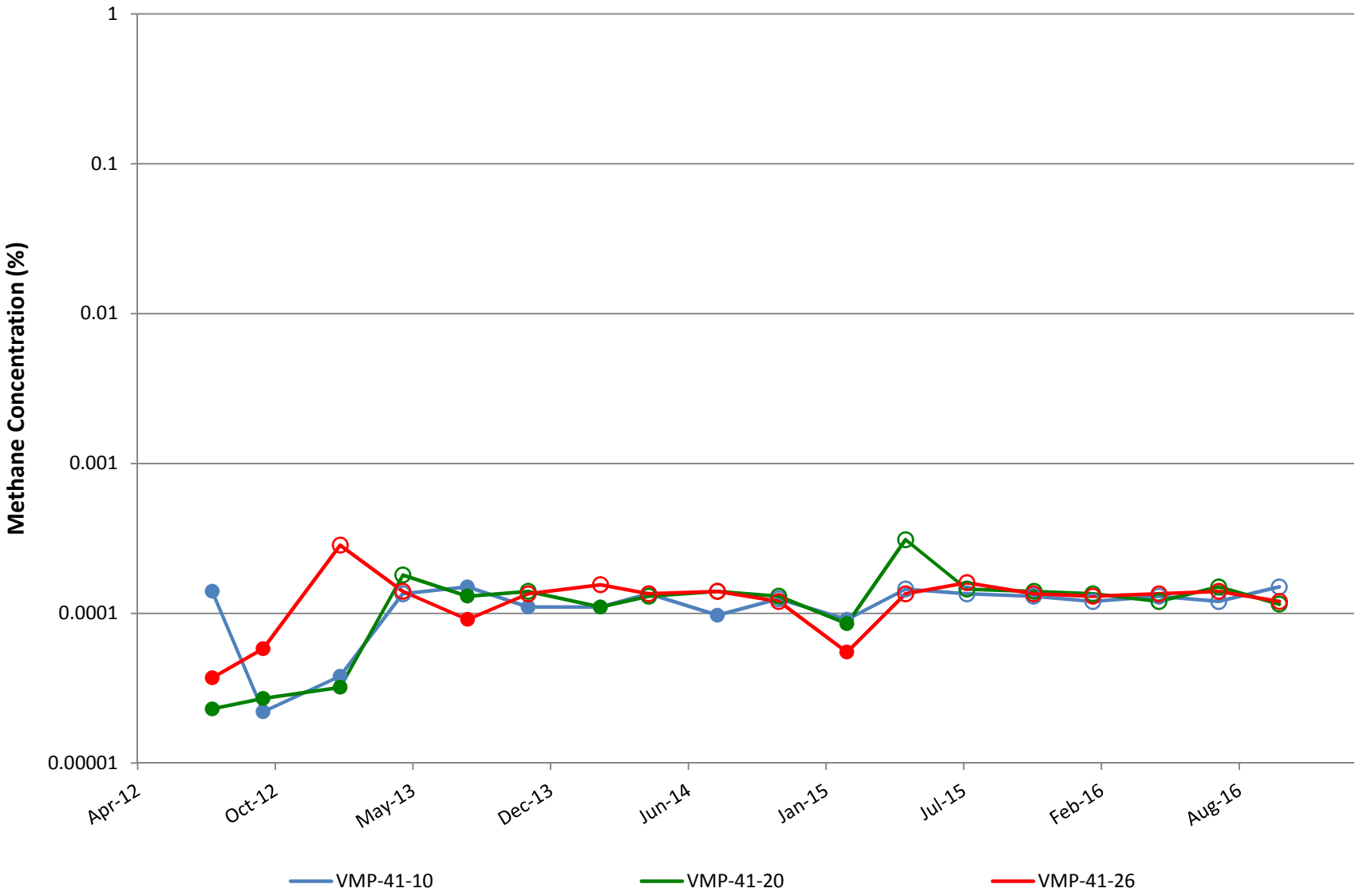
VMP-32

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



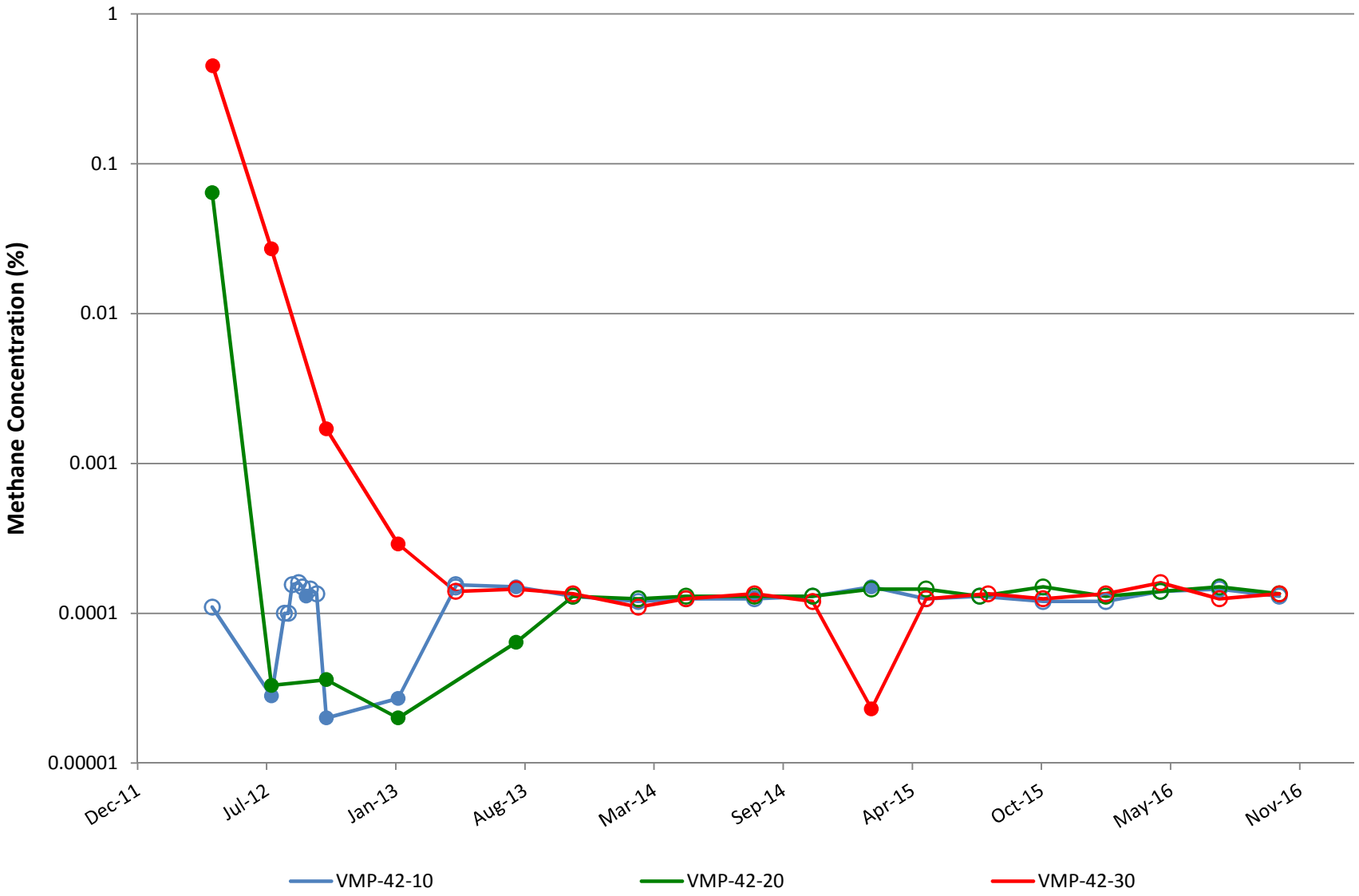
VMP-41

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



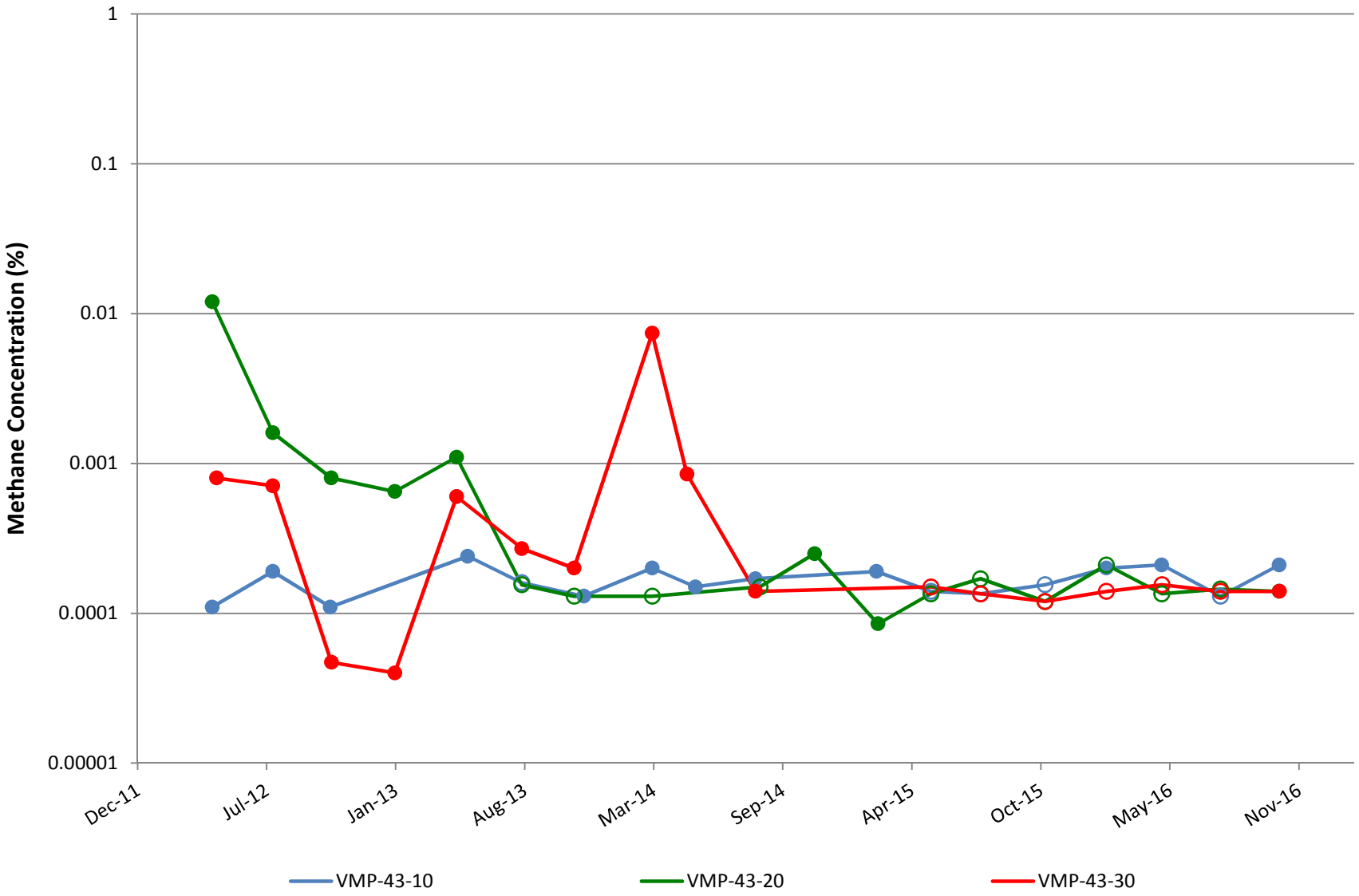
VMP-42

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



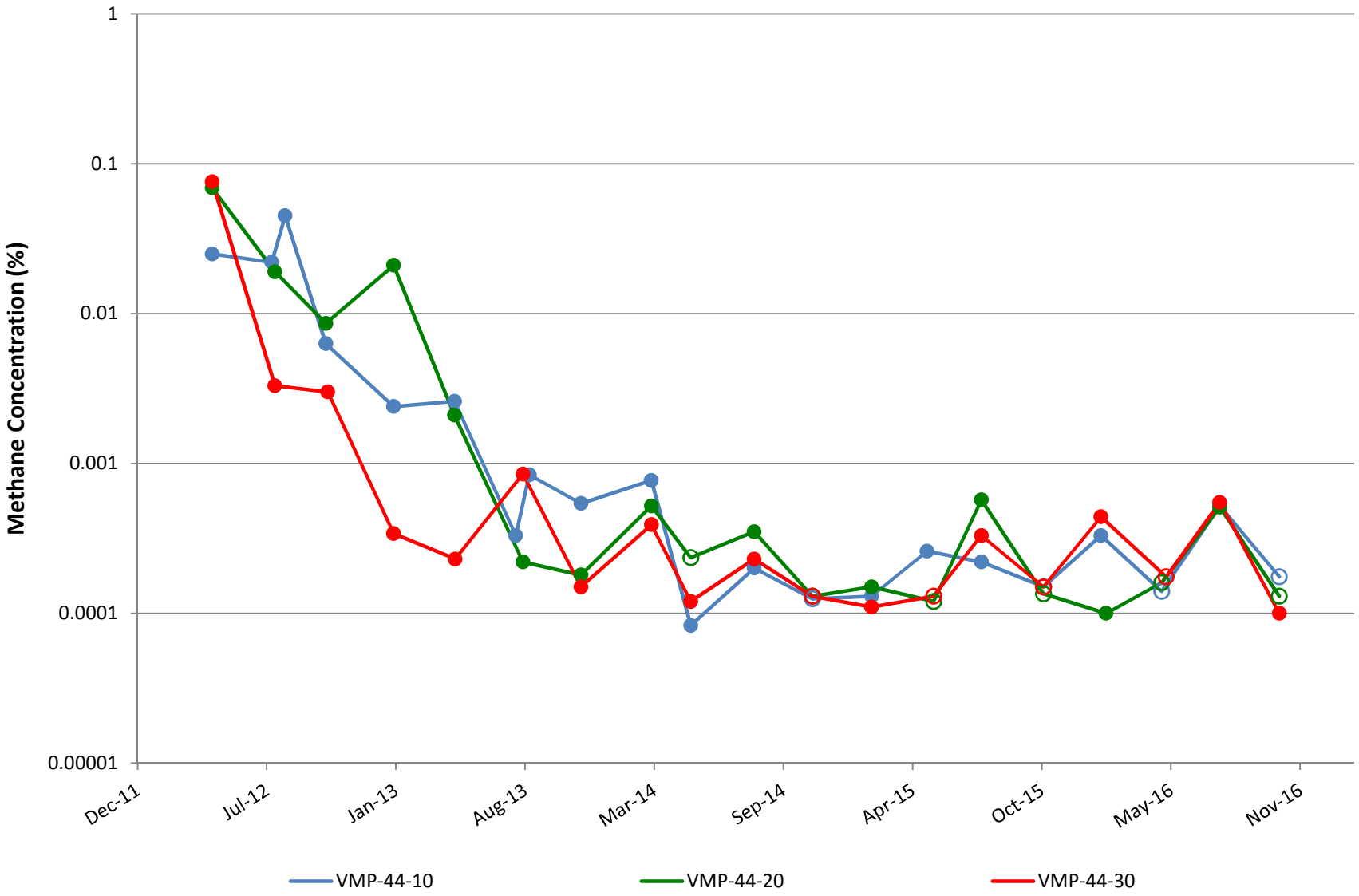
VMP-43

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



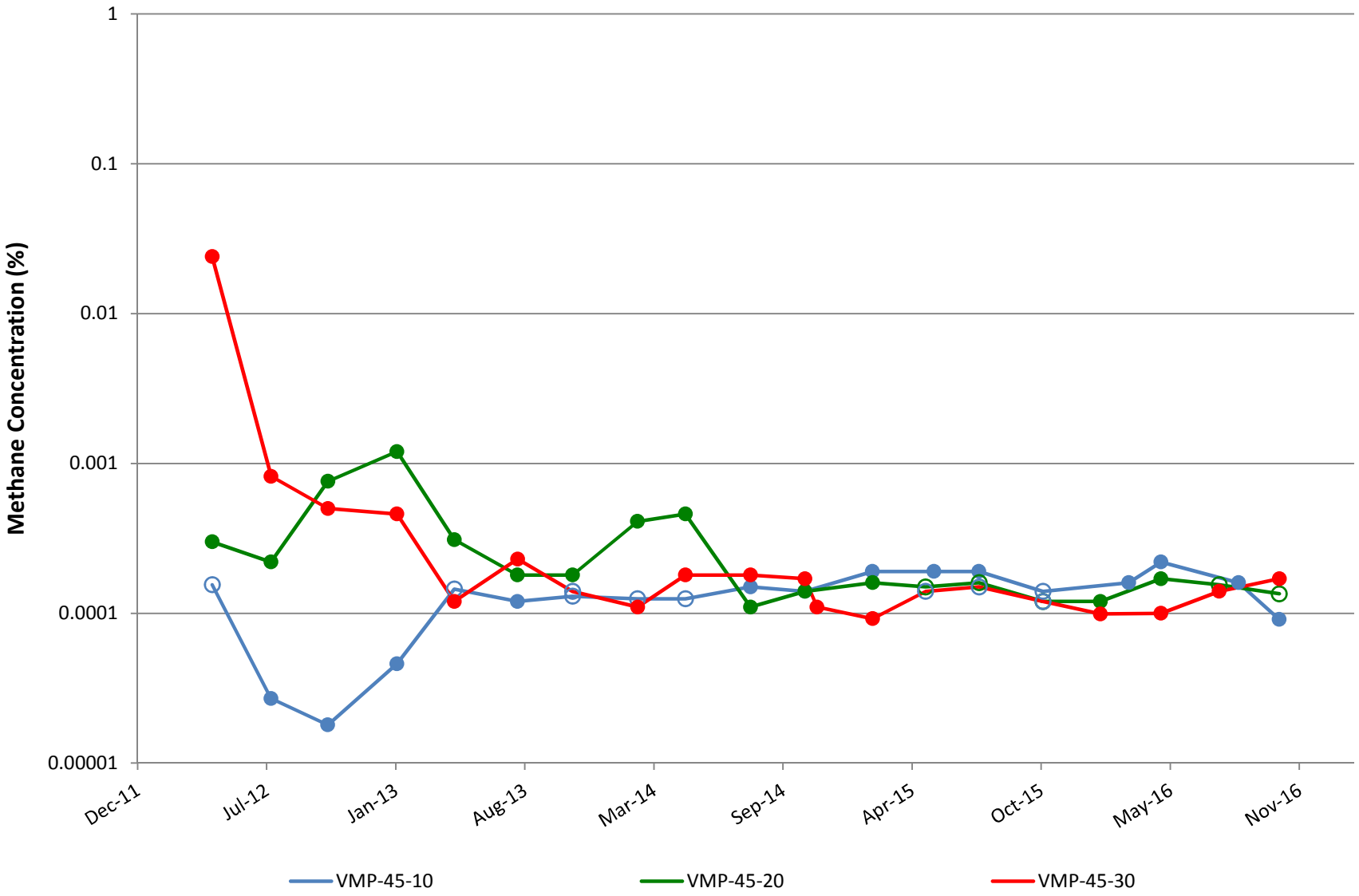
VMP-44

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



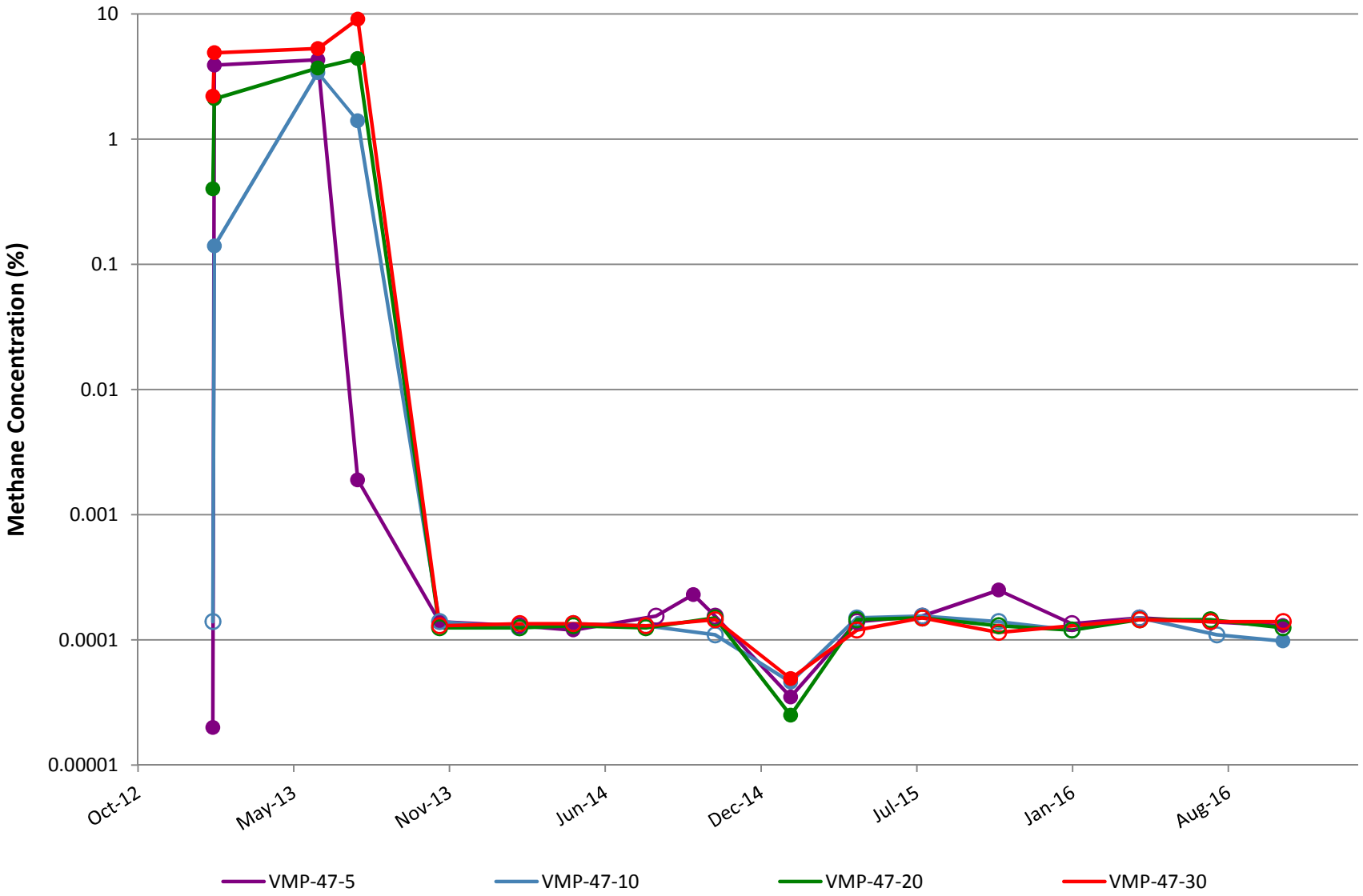
VMP-45

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



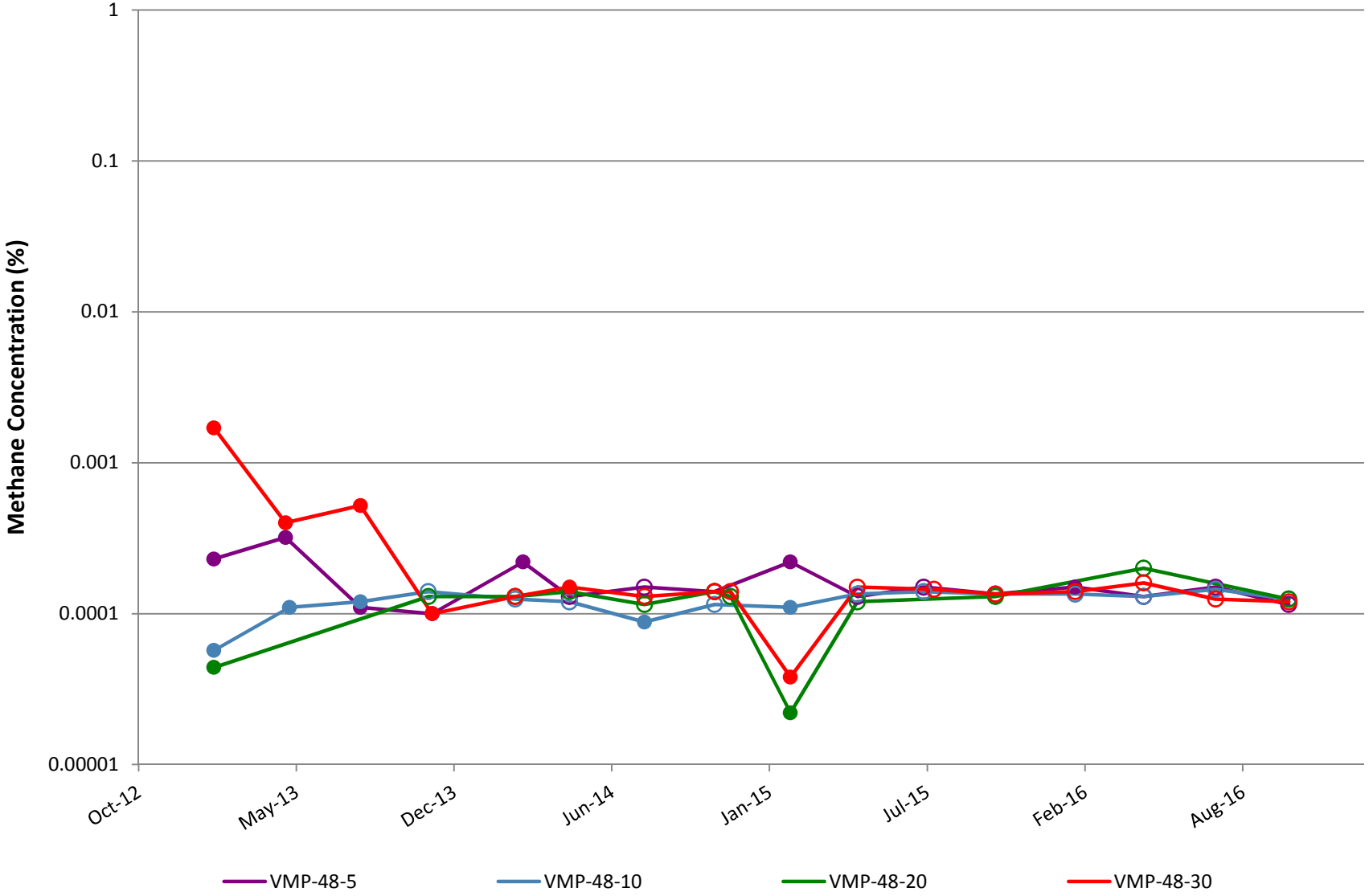
VMP-47

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



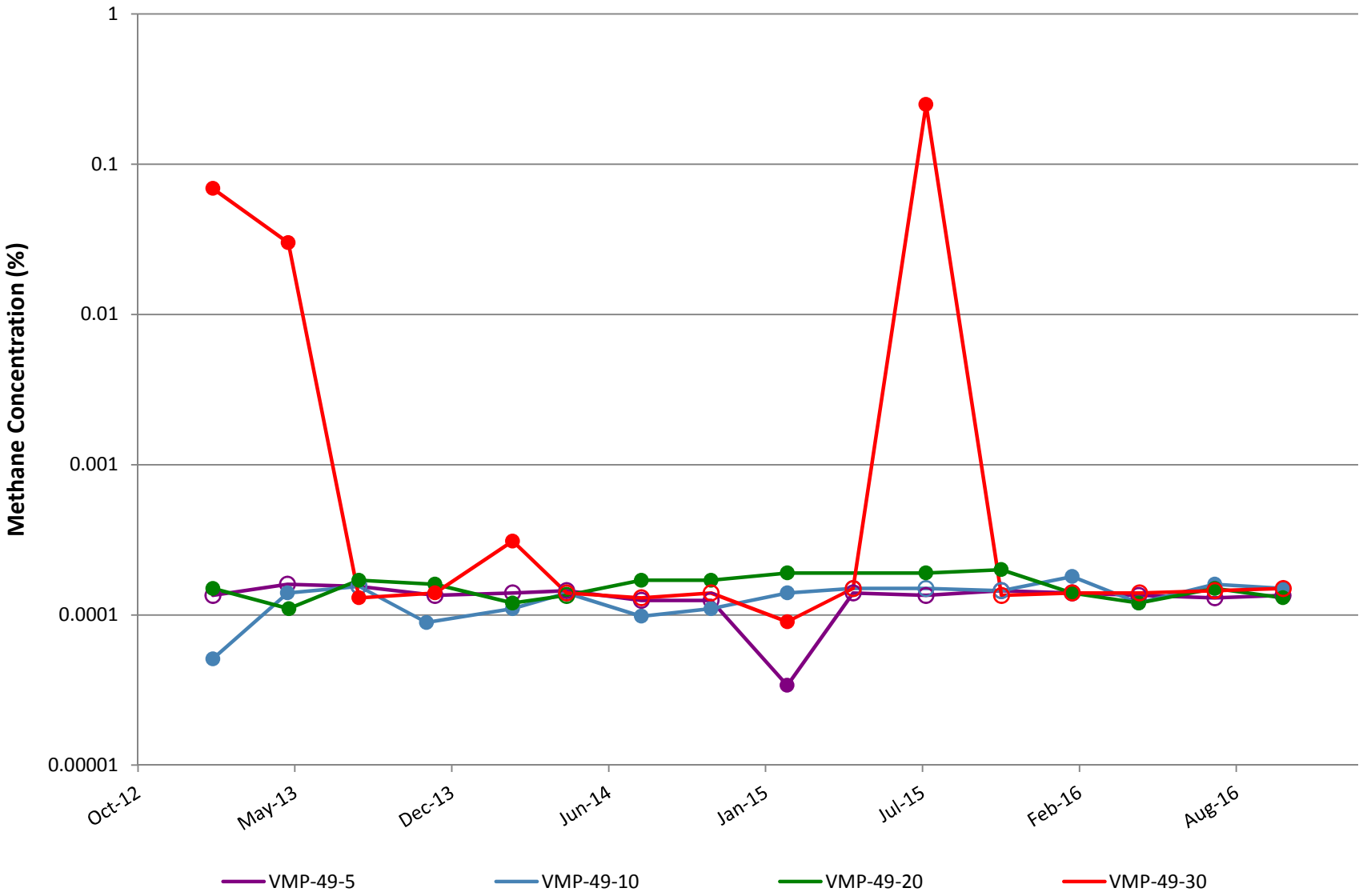
VMP-48

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



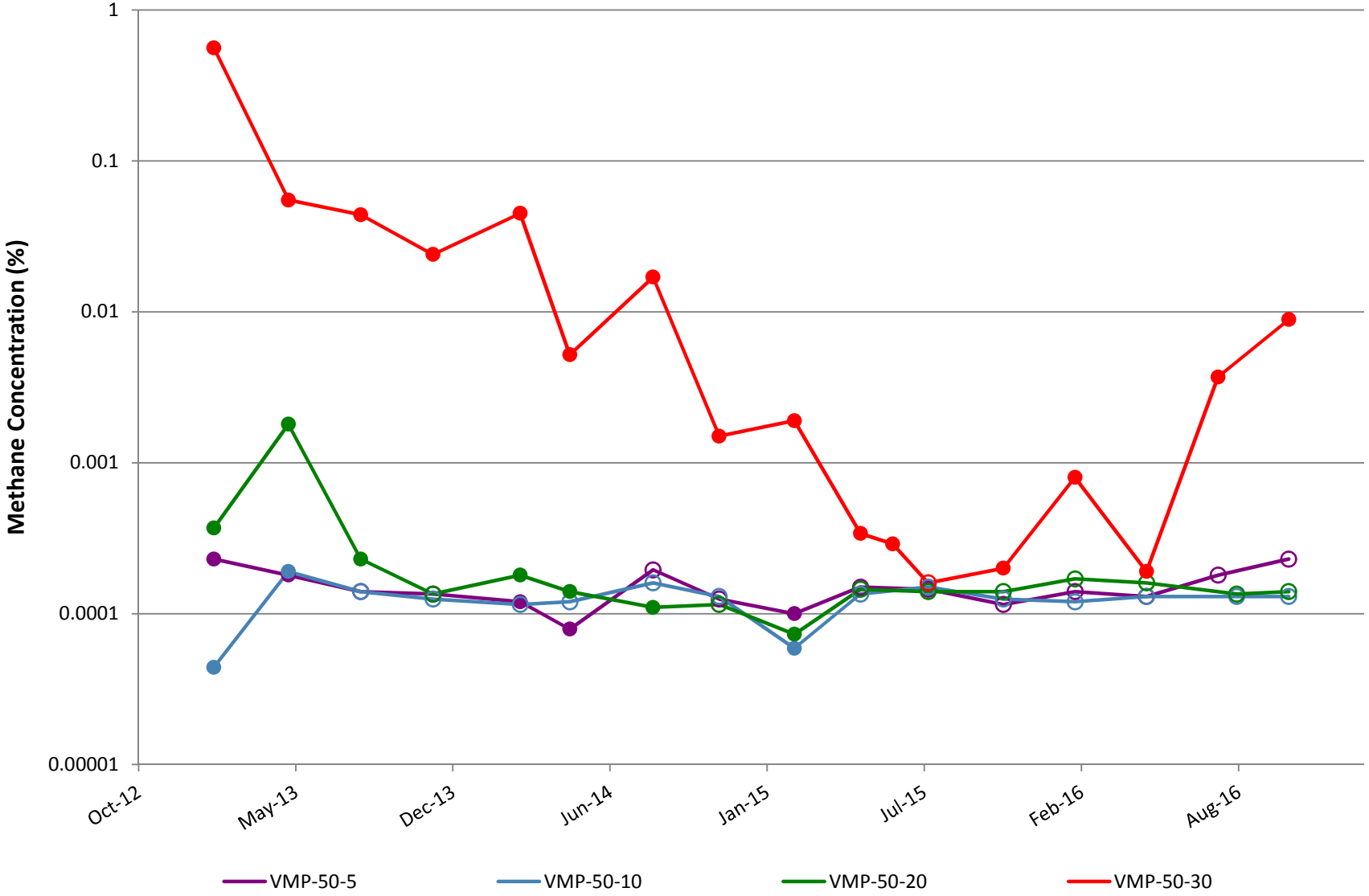
VMP-49

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



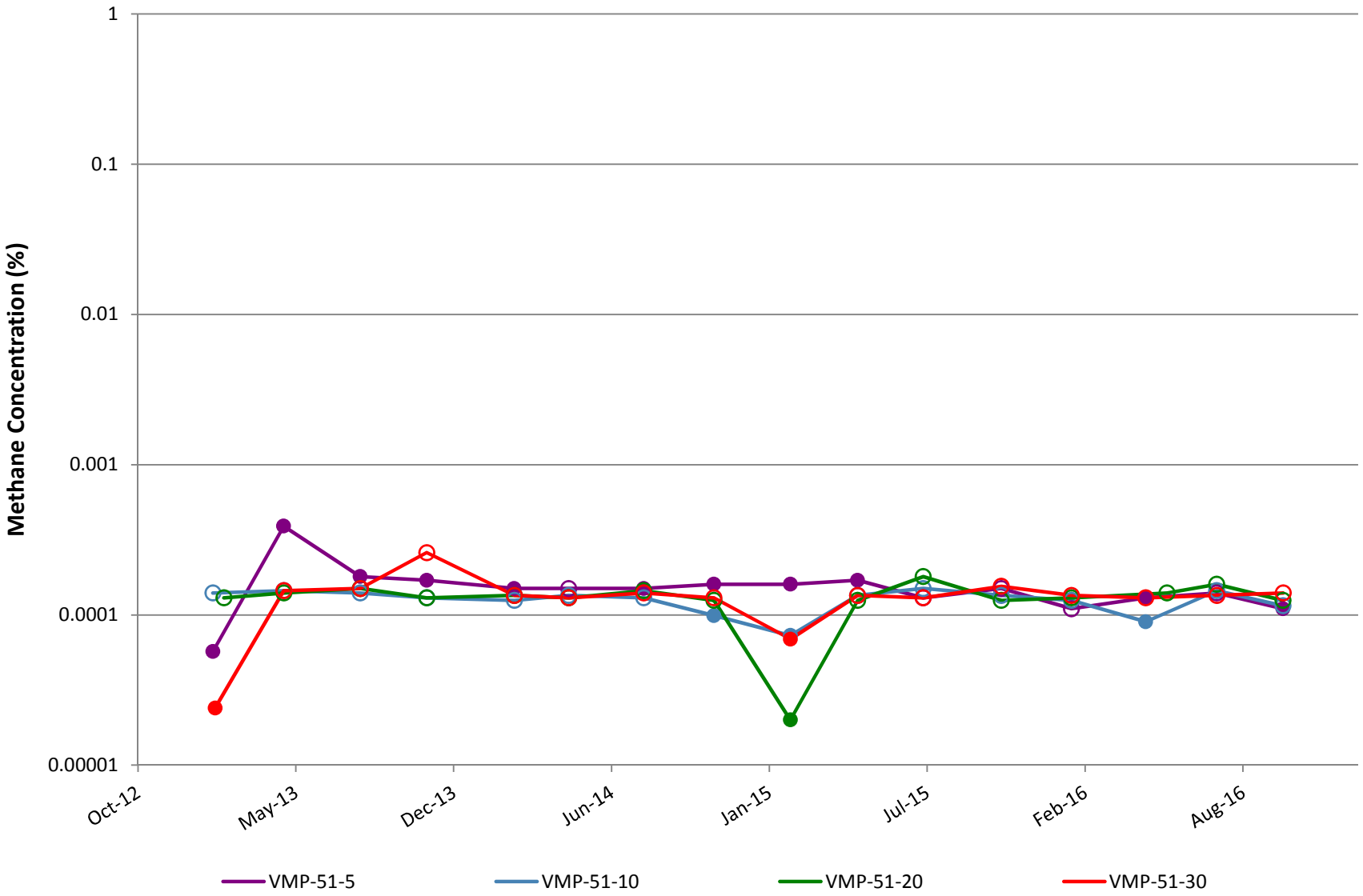
VMP-50

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



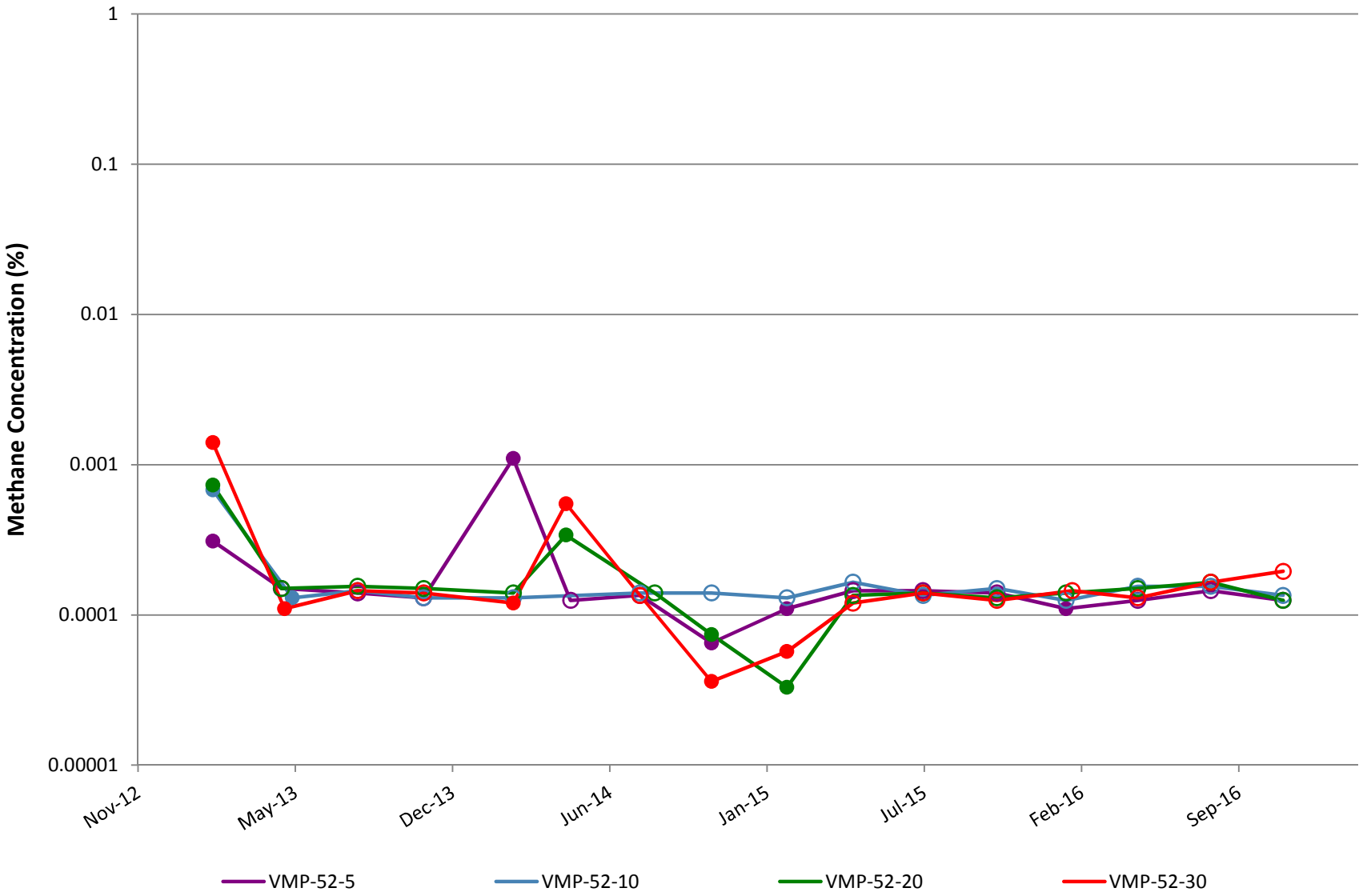
VMP-51

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



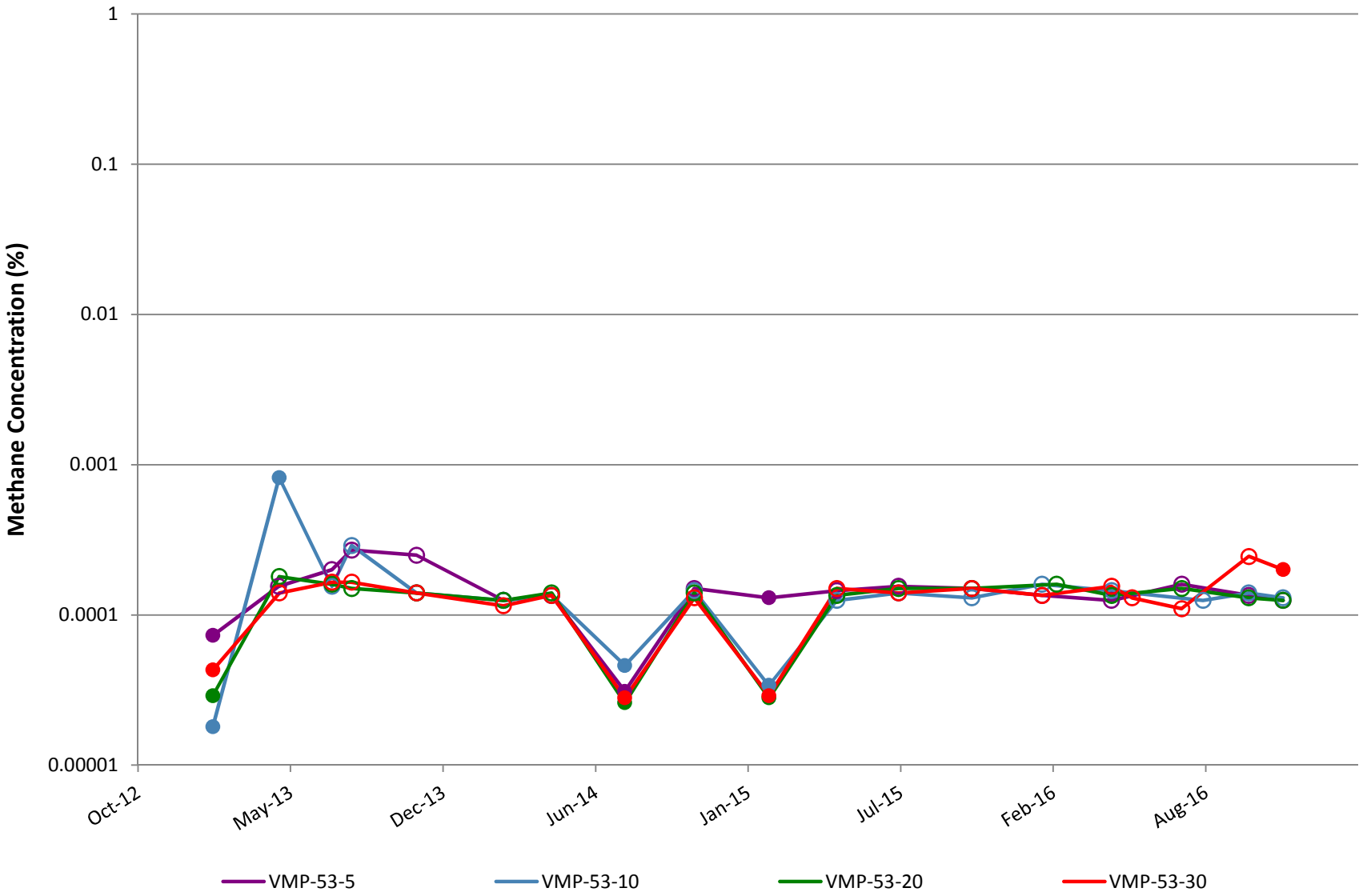
VMP-52

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



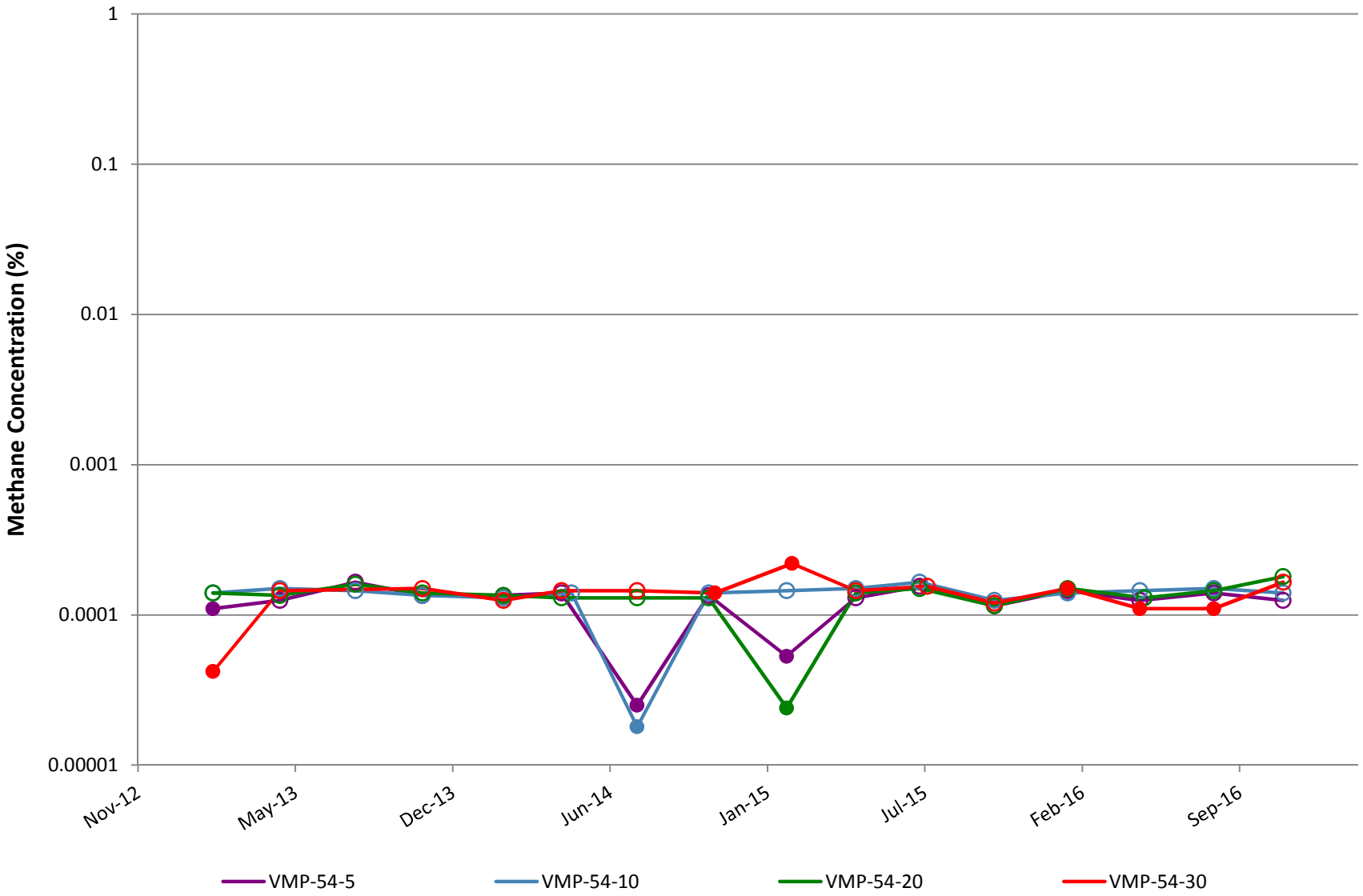
VMP-53

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



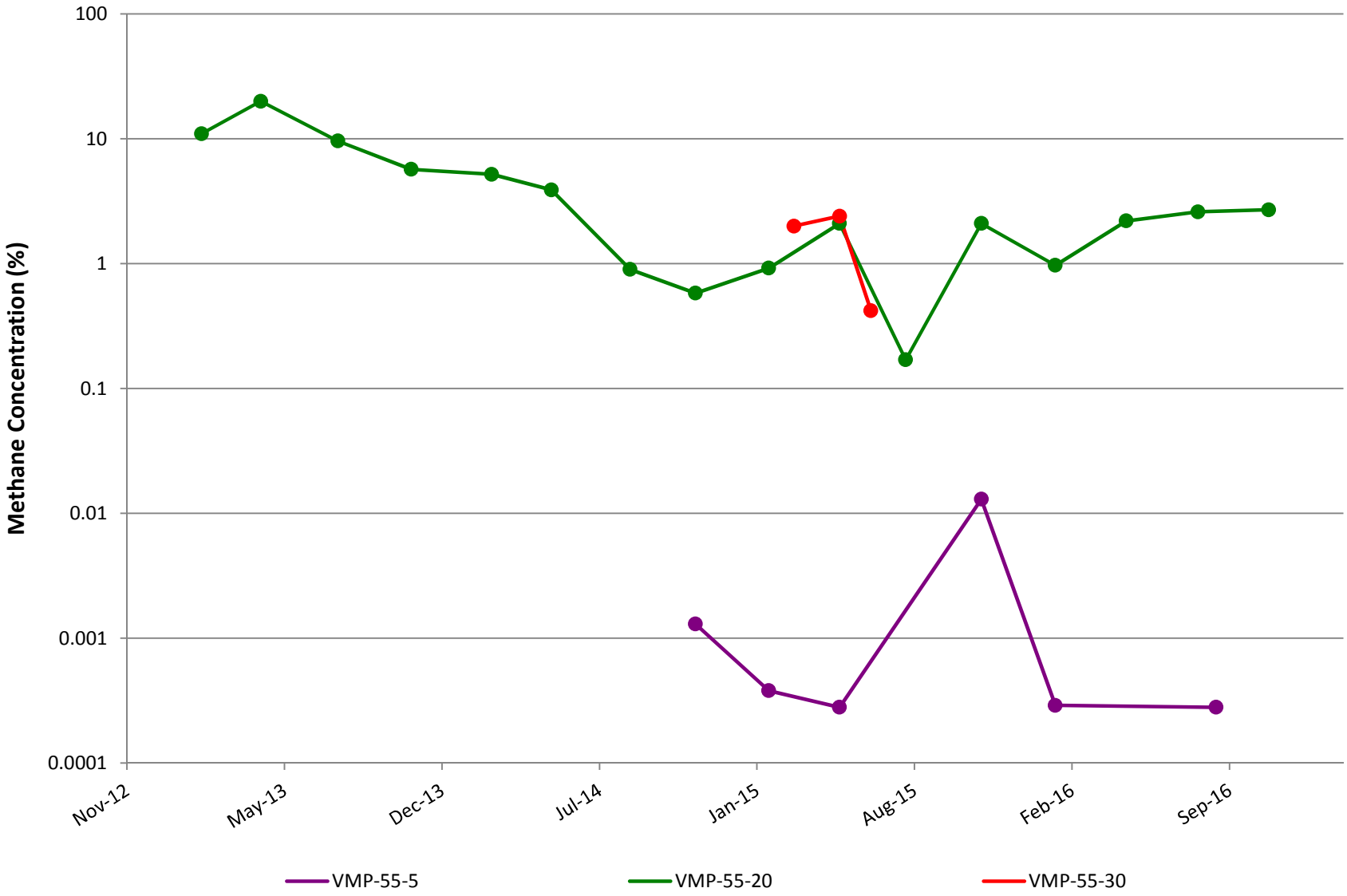
VMP-54

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



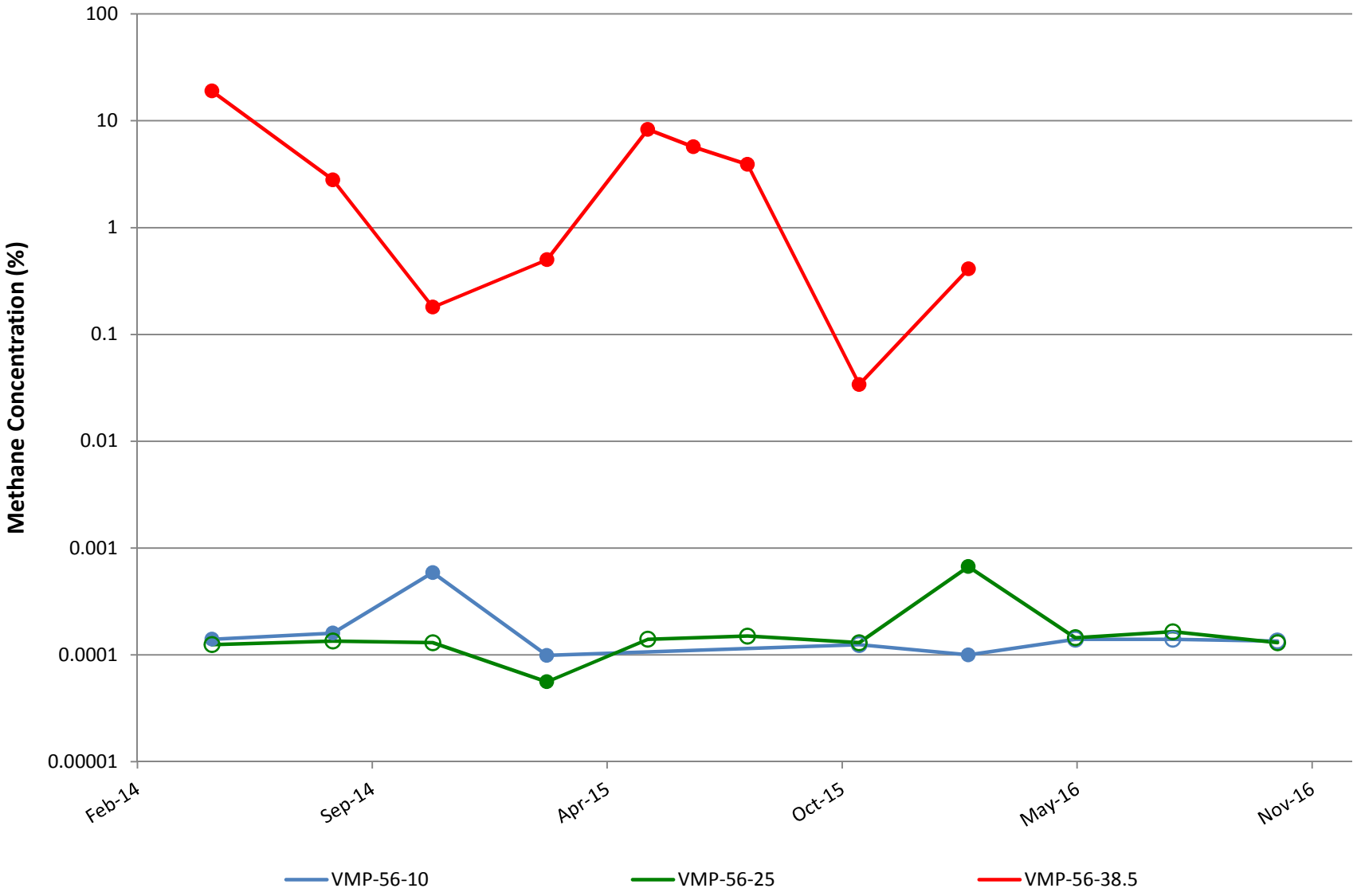
VMP-55

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



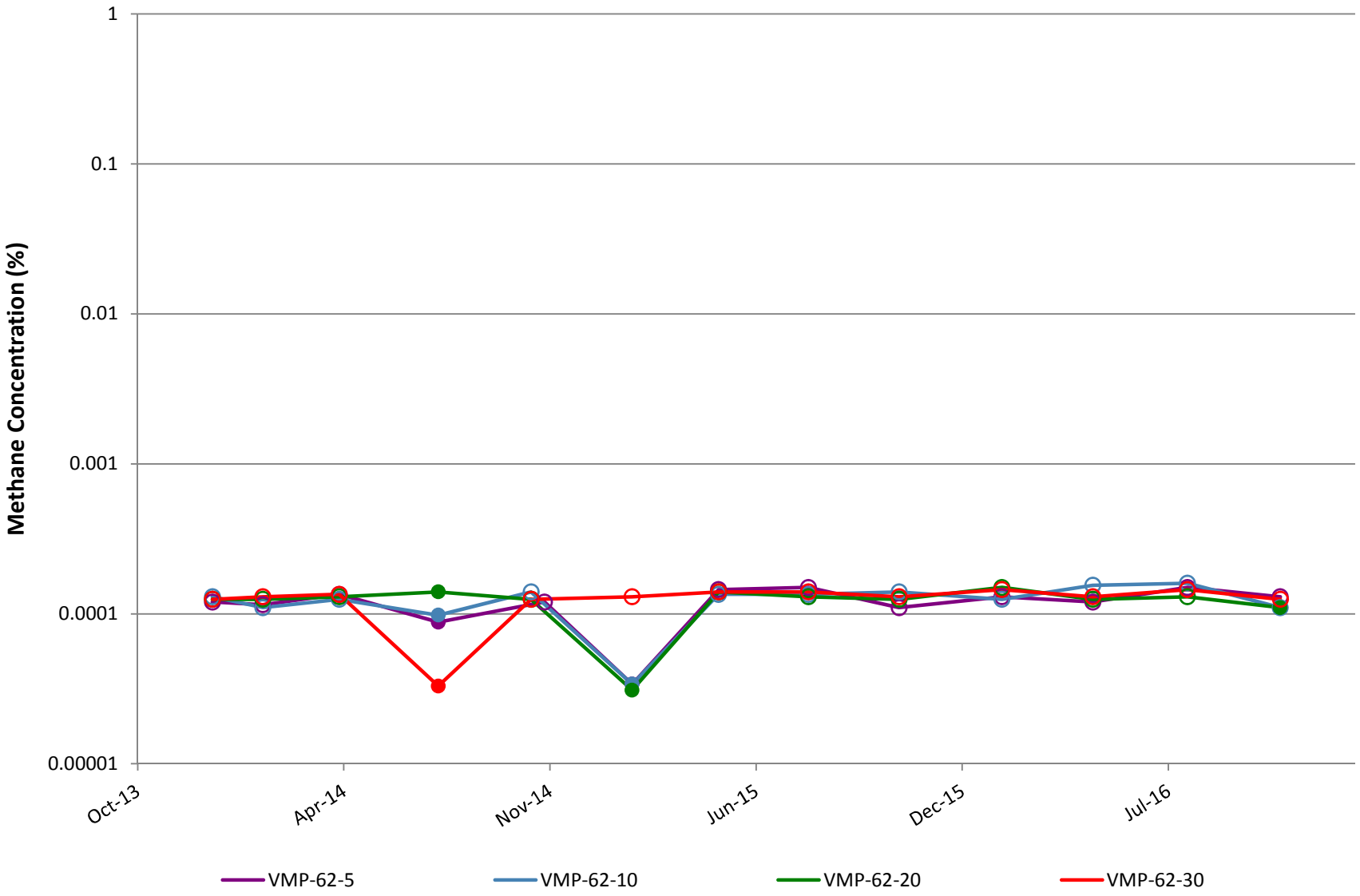
VMP-56

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



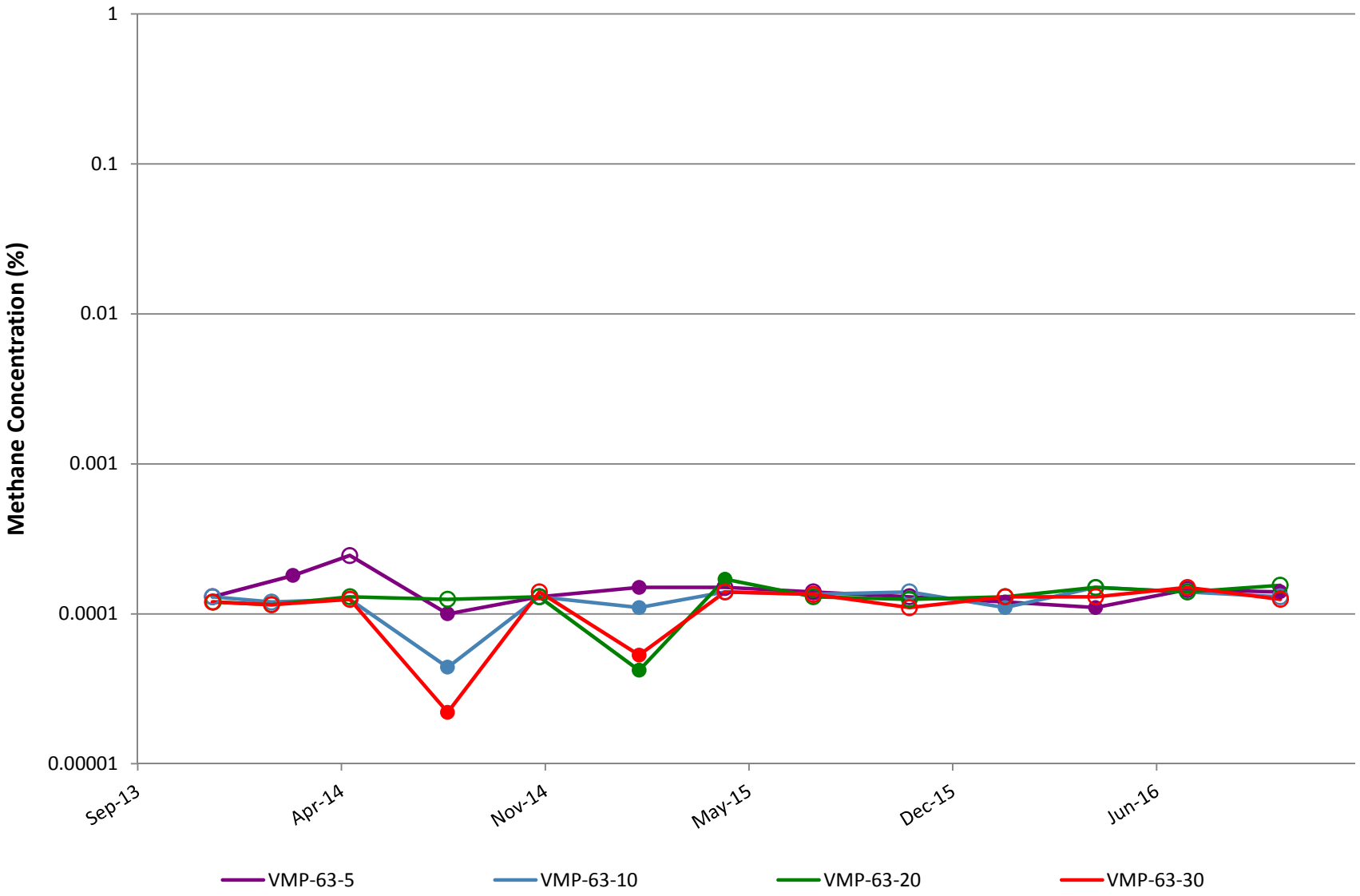
VMP-62

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



VMP-63

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).



VMP-64

Note: Open circles are non-detect results shown at 1/2 the reporting limit (PQL).

